

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002384.D
 Acq On : 16 Apr 2020 21:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:52:27 AM

Quant Time: Apr 17 08:31:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	142165	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	271002	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	247488	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	112328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	78170	49.44	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	98.88%	
35) Dibromofluoromethane	7.75	113	83152	51.57	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	103.14%	
50) Toluene-d8	10.19	98	333995	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.49	95	112296	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	64350	44.787	ug/l	98
3) Chloromethane	2.13	50	83995	46.450	ug/l	99
4) Vinyl Chloride	2.27	62	88467	45.963	ug/l	98
5) Bromomethane	2.67	94	59396	49.972	ug/l	99
6) Chloroethane	2.82	64	54188	48.817	ug/l	100
7) Trichlorofluoromethane	3.15	101	120618	48.525	ug/l	97
8) Diethyl Ether	3.56	74	61203	57.919	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.93	101	86642	51.314	ug/l	99
10) Methyl Iodide	4.13	142	104149	53.066	ug/l	97
11) Tert butyl alcohol	4.99	59	48901	296.603	ug/l	98
12) 1,1-Dichloroethene	3.91	96	88400	51.497	ug/l	91
13) Acrolein	3.76	56	39630	194.411	ug/l	99
14) Allyl chloride	4.52	41	130491	47.074	ug/l	96
15) Acrylonitrile	5.21	53	153648	284.333	ug/l	100
16) Acetone	3.98	43	94392	226.685	ug/l	94
17) Carbon Disulfide	4.23	76	278711	48.888	ug/l	99
18) Methyl Acetate	4.51	43	70964	54.943	ug/l	94
19) Methyl tert-butyl Ether	5.26	73	252957	56.052	ug/l	97
20) Methylene Chloride	4.75	84	114919	56.149	ug/l	93
21) trans-1,2-Dichloroethene	5.26	96	100865	52.349	ug/l	94
22) Diisopropyl ether	6.16	45	281296	50.425	ug/l	98
23) Vinyl Acetate	6.10	43	908052	255.430	ug/l	96
24) 1,1-Dichloroethane	6.05	63	163298	51.464	ug/l	99
25) 2-Butanone	7.02	43	169352	256.993	ug/l	95
26) 2,2-Dichloropropane	7.01	77	116969	44.068	ug/l	97
27) cis-1,2-Dichloroethene	7.02	96	113683	54.125	ug/l	94
28) Bromochloromethane	7.37	49	68293	49.859	ug/l	91
29) Tetrahydrofuran	7.38	42	114566	263.008	ug/l	93
30) Chloroform	7.53	83	158855	53.110	ug/l	98
31) Cyclohexane	7.81	56	151462	45.475	ug/l	95
32) 1,1,1-Trichloroethane	7.73	97	124825	50.139	ug/l	98
36) 1,1-Dichloropropene	7.94	75	123960	46.439	ug/l	97
37) Ethyl Acetate	7.11	43	72479	47.529	ug/l	96
38) Carbon Tetrachloride	7.93	117	107297	46.993	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	171219	47.153	ug/l	95
40) Benzene	8.19	78	408098	50.390	ug/l	99
41) Methacrylonitrile	7.35	41	37709m	41.918	ug/l	
42) 1,2-Dichloroethane	8.26	62	98264	48.981	ug/l	98
43) Isopropyl Acetate	8.30	43	135387	48.680	ug/l	96
44) Trichloroethene	8.96	130	118277	49.674	ug/l	95
45) 1,2-Dichloropropane	9.24	63	101628	50.575	ug/l	99
46) Dibromomethane	9.32	93	56119	53.414	ug/l	97
47) Bromodichloromethane	9.52	83	123582	51.263	ug/l	96
48) Methyl methacrylate	9.31	41	59623	47.811	ug/l	90
49) 1,4-Dioxane	9.31	88	16884	1136.046	ug/l	94
51) 4-Methyl-2-Pentanone	10.09	43	363016	250.493	ug/l	96
52) Toluene	10.26	92	245965	50.395	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	133730	50.913	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	159999	50.667	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	84440	54.895	ug/l	97
56) Ethyl methacrylate	10.52	69	118763	54.096	ug/l	90
57) 1,3-Dichloropropane	10.80	76	142524	52.715	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	298150	262.253	ug/l	98
59) 2-Hexanone	10.85	43	250084	248.645	ug/l	94
60) Dibromochloromethane	11.00	129	90250	55.024	ug/l	98
61) 1,2-Dibromoethane	11.10	107	78160	53.374	ug/l	99
64) Tetrachloroethene	10.74	164	124727	49.848	ug/l	97
65) Chlorobenzene	11.53	112	263596	51.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	89161	52.493	ug/l	99
67) Ethyl Benzene	11.61	91	466026	49.482	ug/l	98
68) m/p-Xylenes	11.71	106	348503	98.797	ug/l	98
69) o-Xylene	12.04	106	168265	50.809	ug/l	96
70) Styrene	12.05	104	294964	51.337	ug/l	98
71) Bromoform	12.22	173	51170	55.398	ug/l #	98
73) Isopropylbenzene	12.34	105	433957	49.176	ug/l	99
74) N-amyl acetate	12.16	43	119373	47.654	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	60118	56.308	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	65565m	50.265	ug/l	
77) Bromobenzene	12.62	156	99625	51.314	ug/l	97
78) n-propylbenzene	12.68	91	525653	47.895	ug/l	99
79) 2-Chlorotoluene	12.77	91	289850	48.596	ug/l	98
80) 1,3,5-Trimethylbenzene	12.82	105	355362	48.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	35240	52.547	ug/l	93
82) 4-Chlorotoluene	12.86	91	300567	48.080	ug/l	98
83) tert-Butylbenzene	13.08	119	297200	48.616	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	358124	49.140	ug/l	99
85) sec-Butylbenzene	13.27	105	435620	47.835	ug/l	99
86) p-Isopropyltoluene	13.38	119	380875	48.595	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	188552	50.111	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	187915	49.200	ug/l	100
89) n-Butylbenzene	13.70	91	376559	46.871	ug/l	99
90) Hexachloroethane	13.97	117	73606	49.282	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	173016	50.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	13115	50.790	ug/l	91

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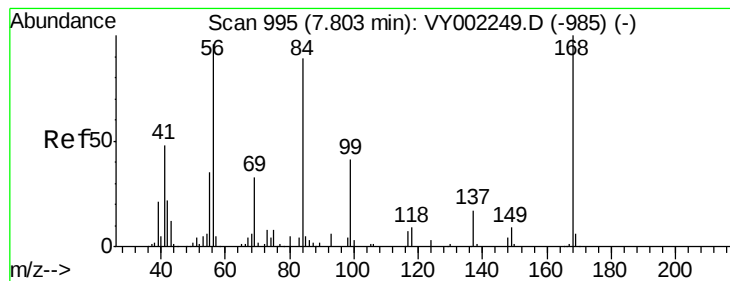
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	107771	48.225	ug/l	99
94) Hexachlorobutadiene	15.12	225	52852	46.956	ug/l	99
95) Naphthalene	15.25	128	261121	53.365	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	94250	48.570	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 142165

Ion Ratio Lower Upper

168 100

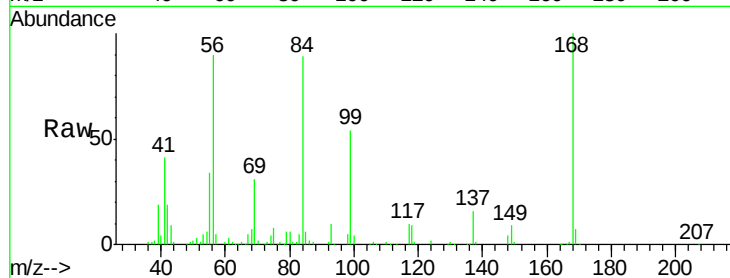
99 53.7 48.0 72.0

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.82

60000

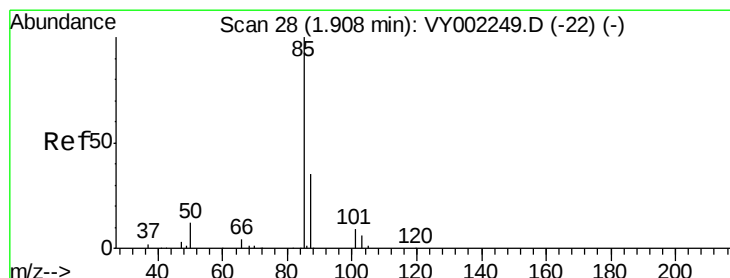
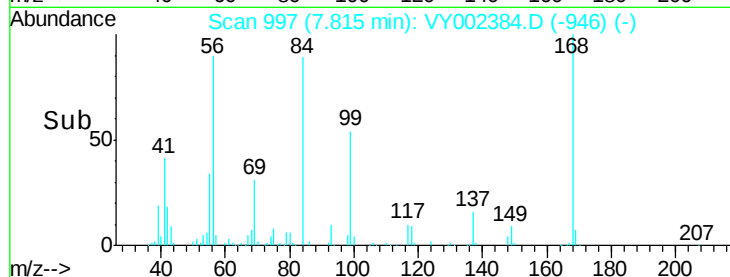
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 44.787 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY002384.D

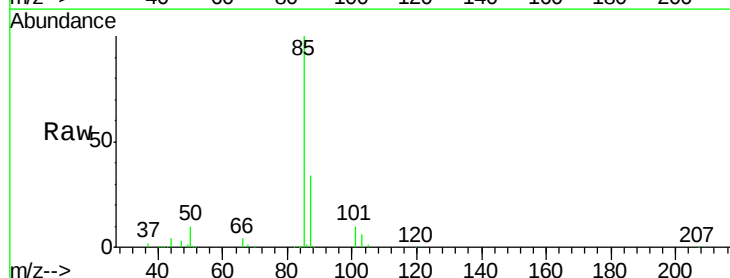
Acq: 16 Apr 2020 21:34

Tgt Ion: 85 Resp: 64350

Ion Ratio Lower Upper

85 100

87 33.5 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.92

50000

40000

30000

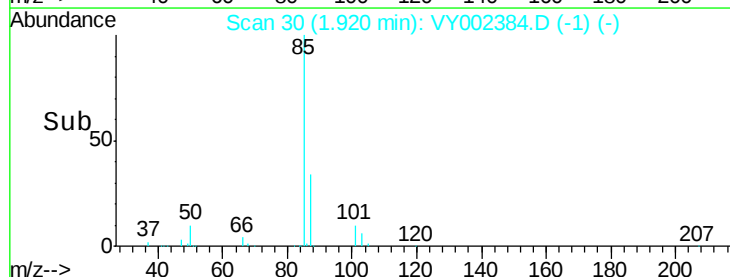
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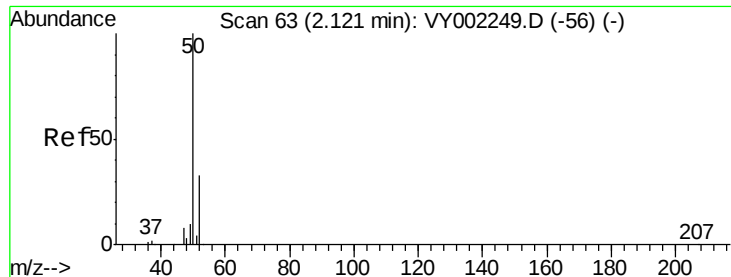
10000

0

1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.450 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 83995

Ion Ratio Lower Upper

50 100

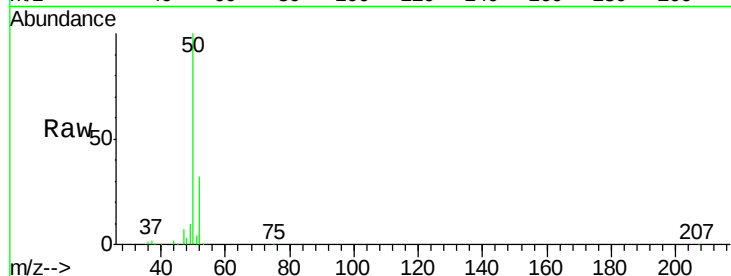
52 32.4 26.6 39.8

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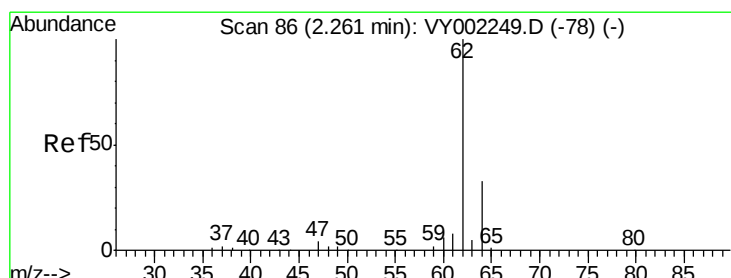
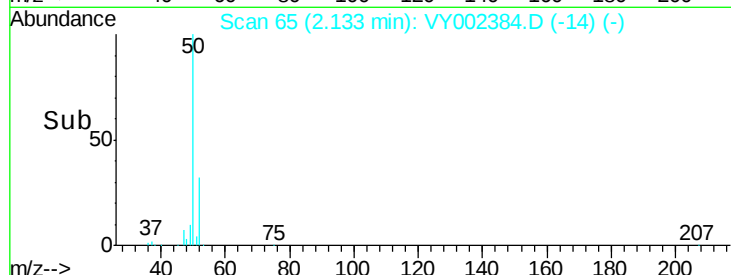
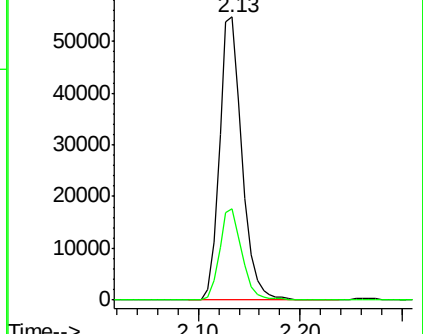
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.963 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.01 min

Lab File: VY002384.D

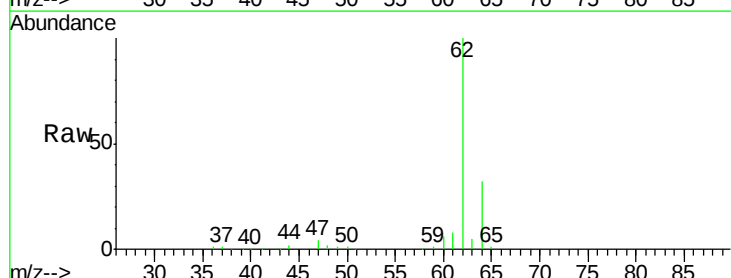
Acq: 16 Apr 2020 21:34

Tgt Ion: 62 Resp: 88467

Ion Ratio Lower Upper

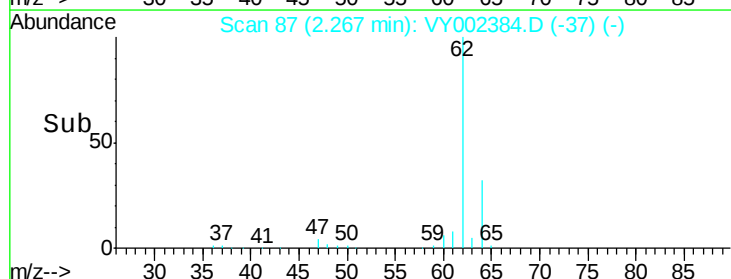
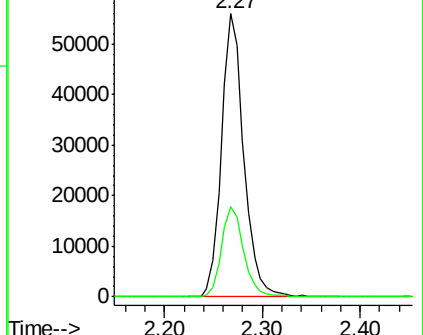
62 100

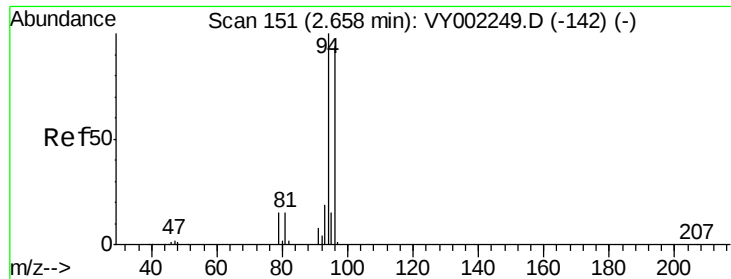
64 31.8 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 49.972 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59396

Ion Ratio Lower Upper

94 100

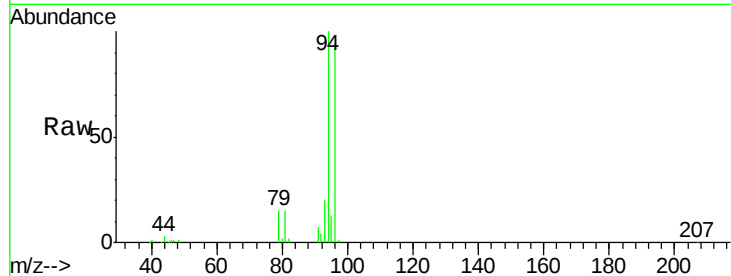
96 93.7 75.6 113.4

Manual Integrations

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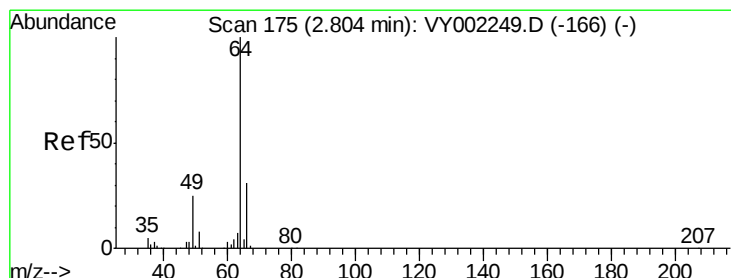
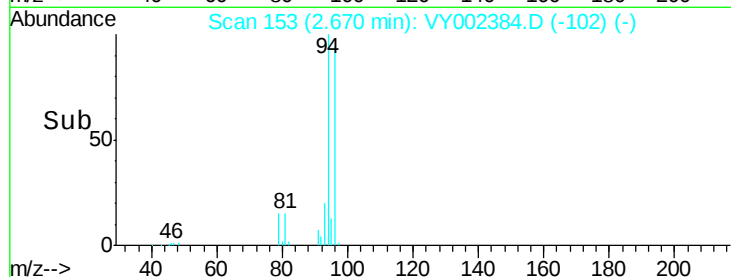
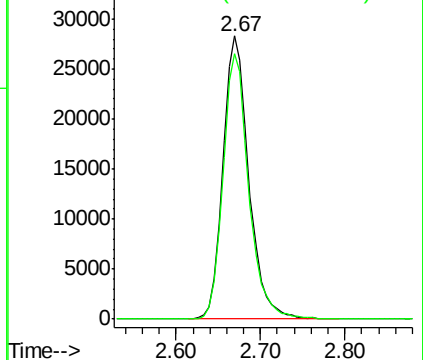
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.817 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY002384.D

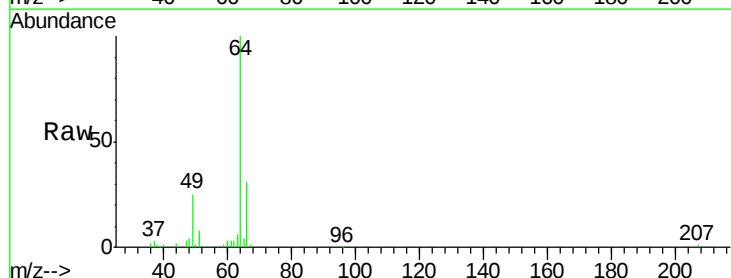
Acq: 16 Apr 2020 21:34

Tgt Ion: 64 Resp: 54188

Ion Ratio Lower Upper

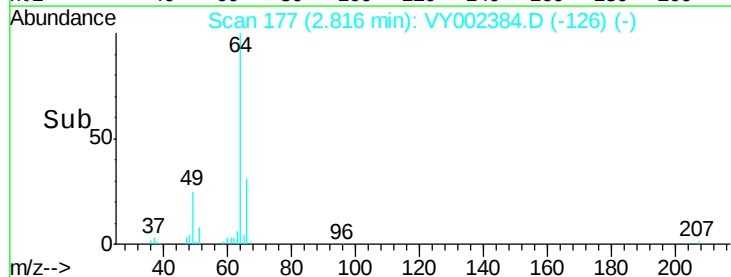
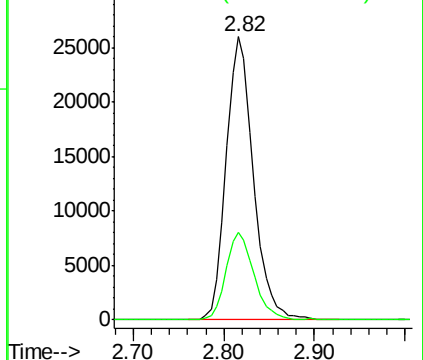
64 100

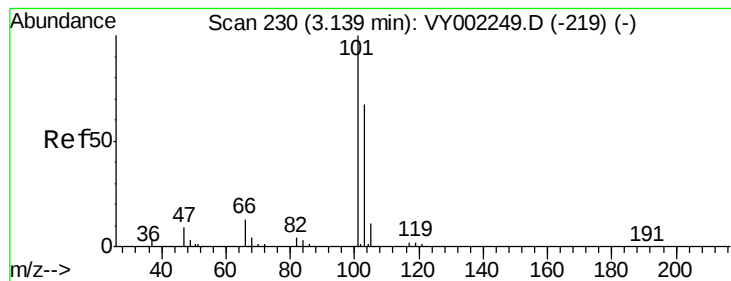
66 30.7 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

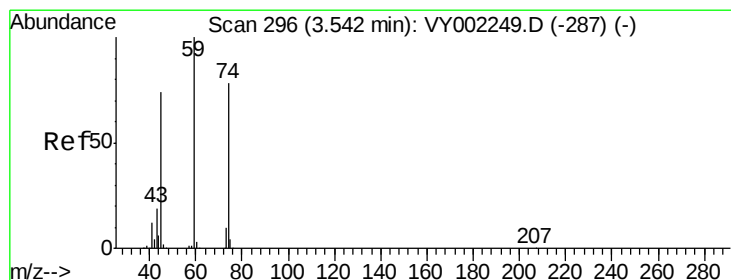
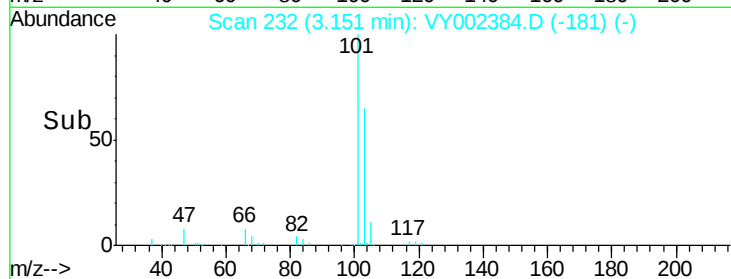
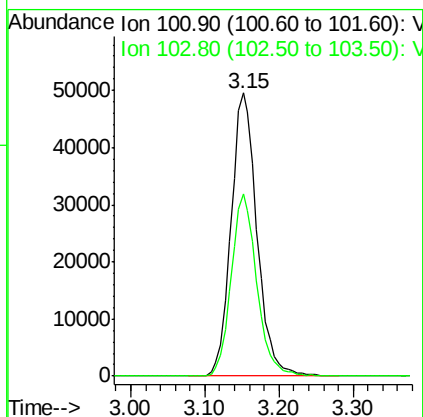
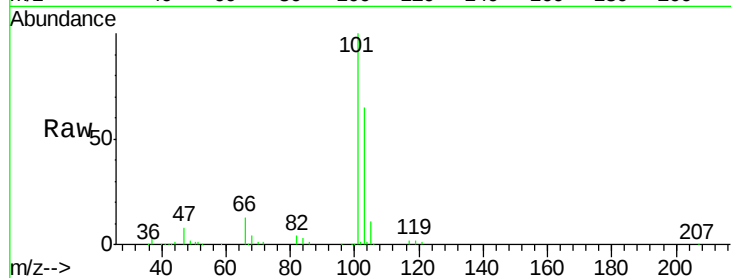
Trichlorofluoromethane
Concen: 48.525 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	120618		
103	64.6	53.3	79.9	

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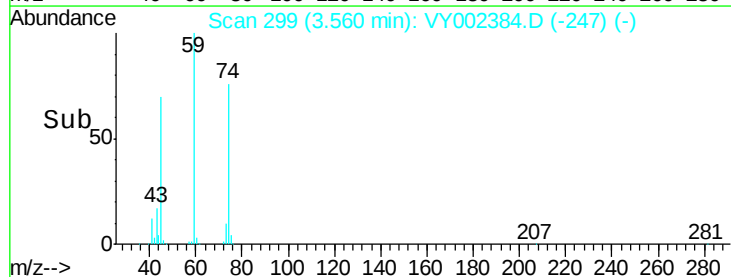
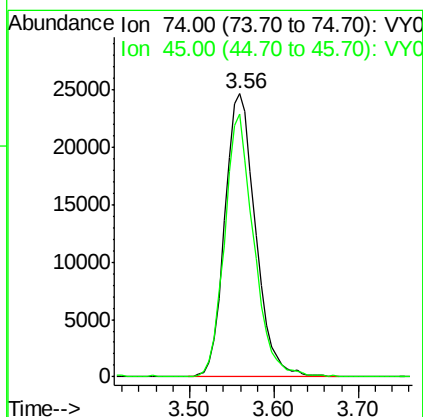
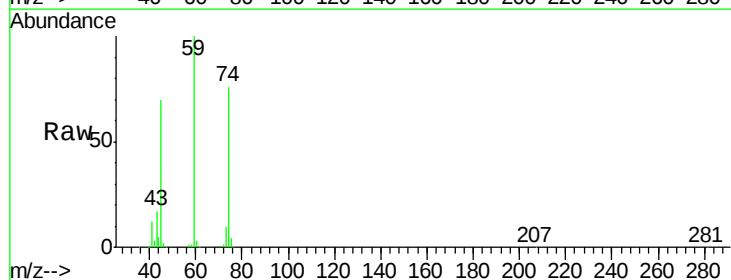
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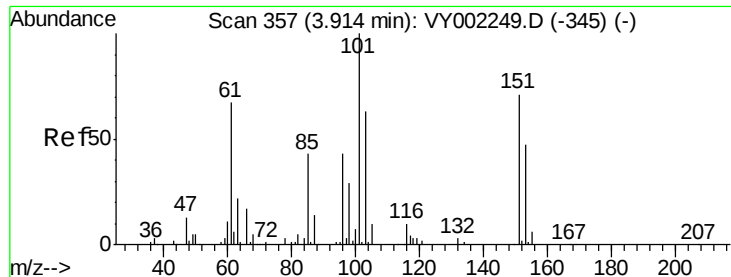


#8

Diethyl Ether
Concen: 57.919 ug/l
RT: 3.56 min Scan# 299
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	61203		
45	88.6	48.0	144.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.314 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.02 min

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MSVOA_Y

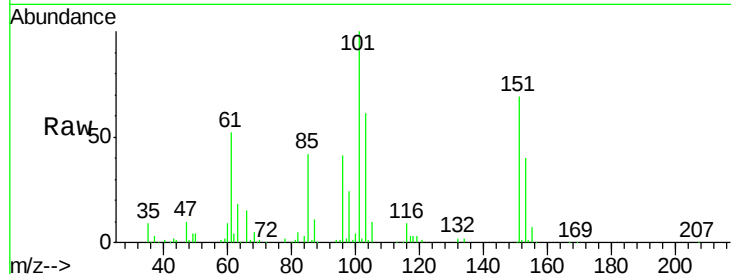
ClientSampleId :

VSTDCCC050EC

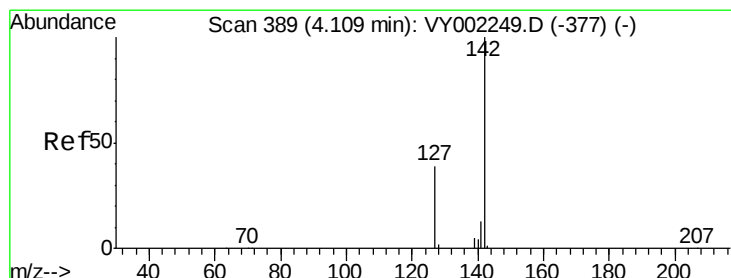
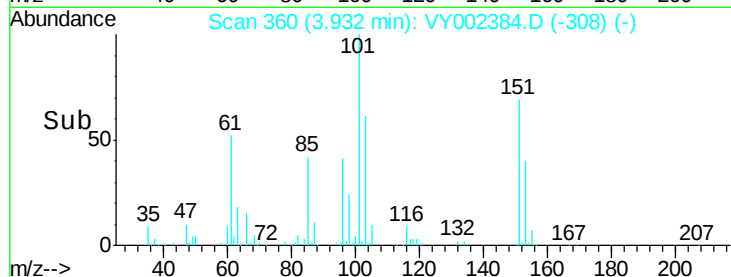
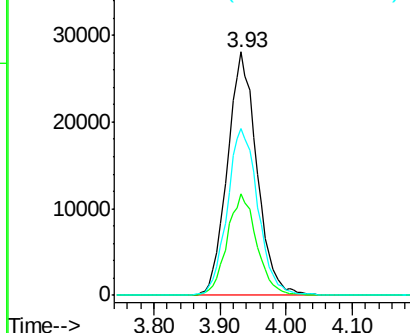
Tot Ion:	101	Resp:	86642
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.6	52.0
151	71.6	57.6	86.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.066 ug/l

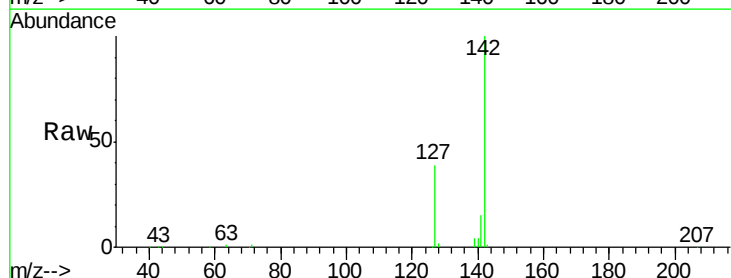
RT: 4.13 min Scan# 392

Delta R.T. 0.02 min

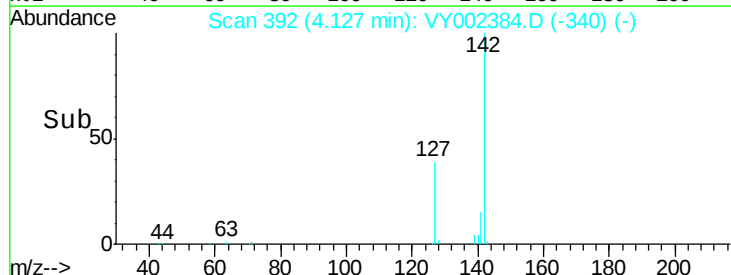
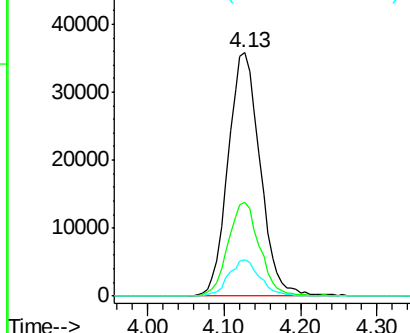
Lab File: VY002384.D

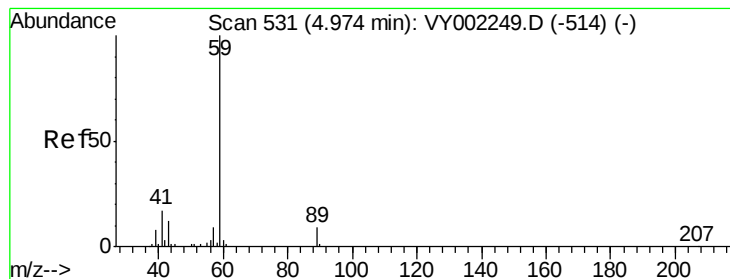
Acq: 16 Apr 2020 21:34

Tgt Ion:	142	Resp:	104149
Ion Ratio	Lower	Upper	
142	100		
127	38.1	32.4	48.6
141	14.5	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

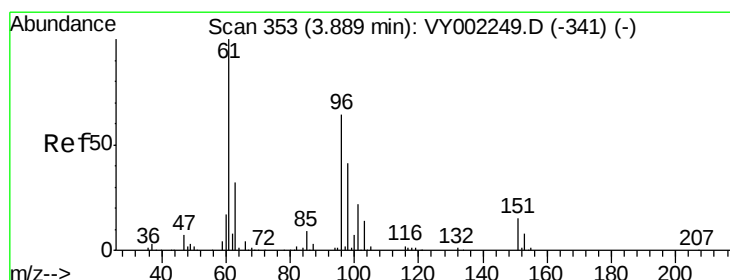
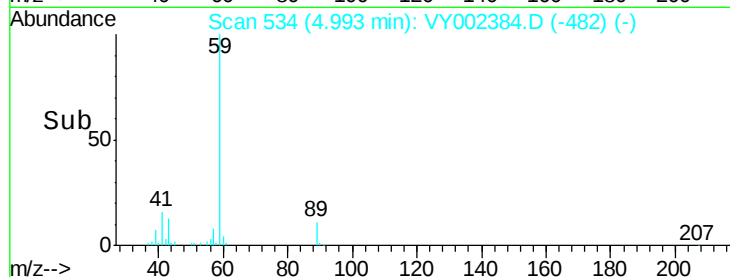
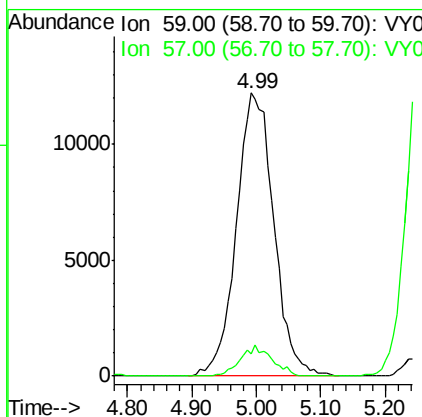
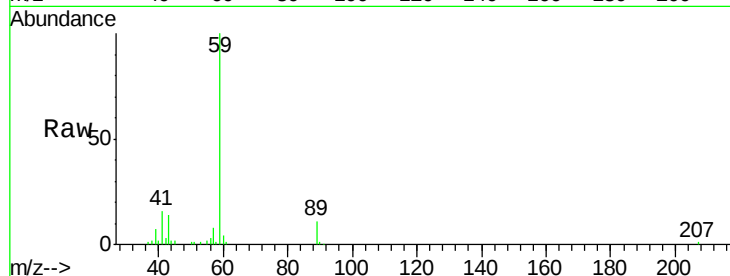
Tert butyl alcohol
Concen: 296.603 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	48901		
57	9.0	6.6	9.8	

Manual Integrations
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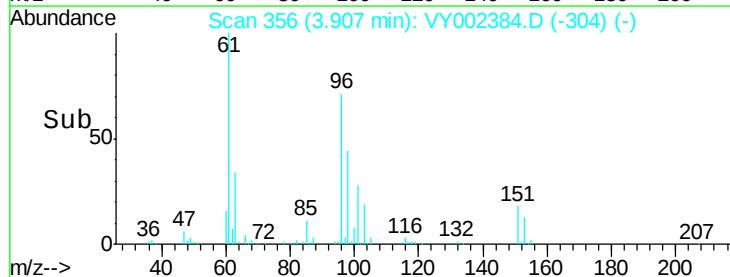
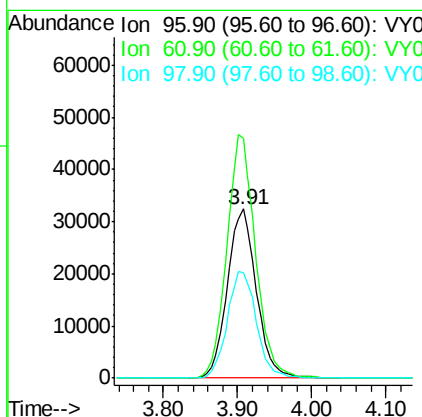
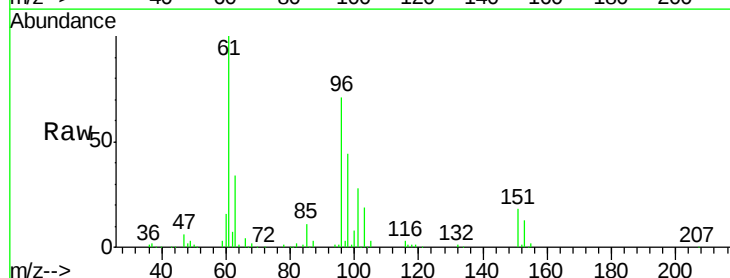
MMDadoda
4/17/2020 11:52:27 AM

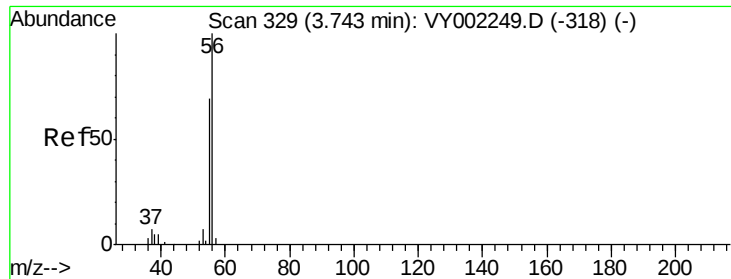


#12

1,1-Dichloroethene
Concen: 51.497 ug/l
RT: 3.91 min Scan# 356
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	88400		
61	141.7	125.9	188.9	
98	62.5	51.1	76.7	





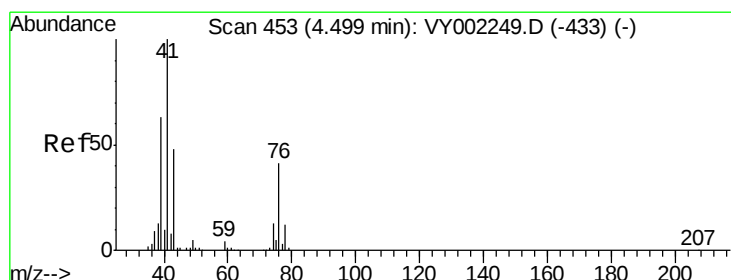
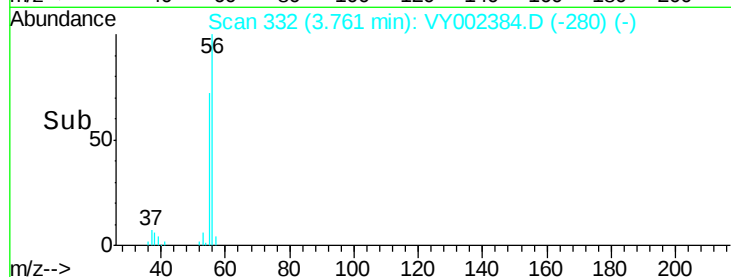
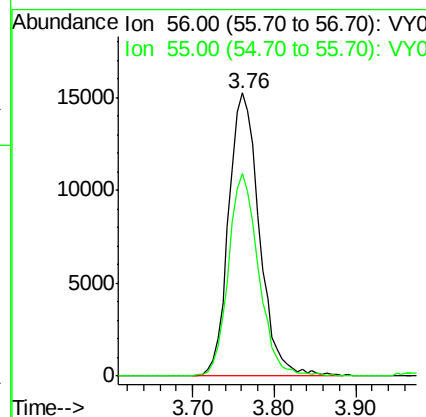
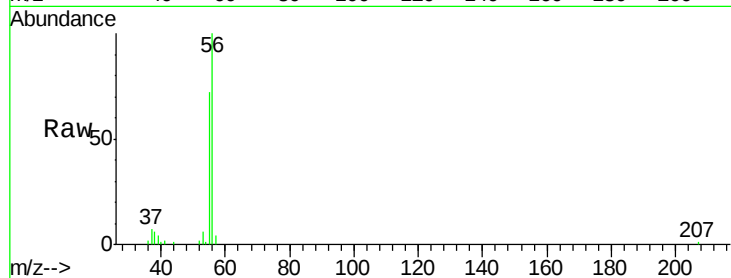
#13
Acrolein
Concen: 194.411 ug/l
RT: 3.76 min Scan# 332
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	39630
Ion Ratio	100	Lower	Upper
55	70.5	55.8	83.8

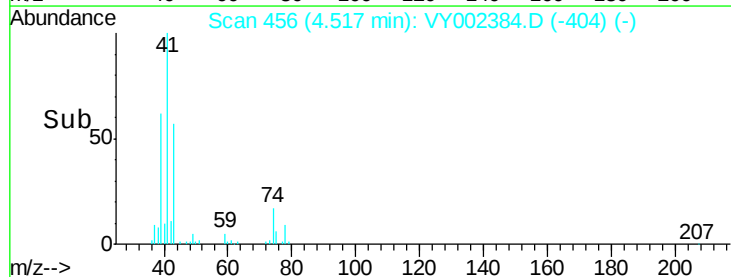
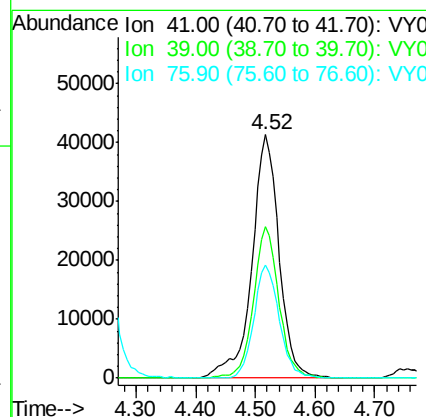
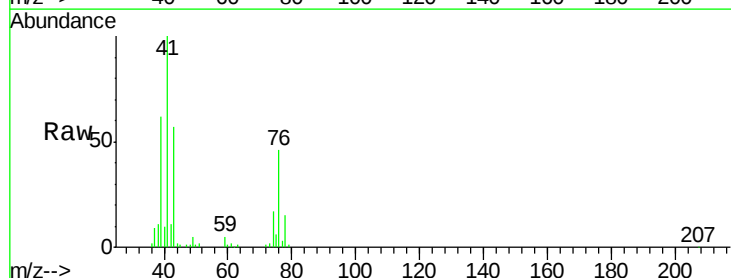
Manual Integrations
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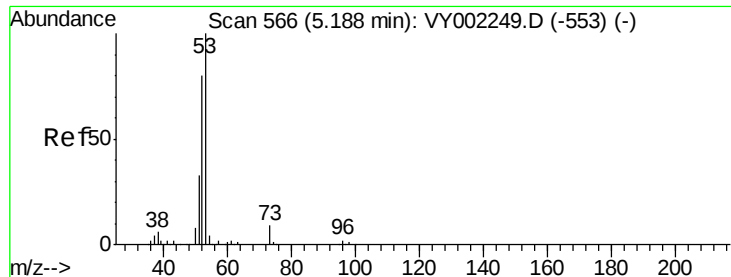
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#14
Allyl chloride
Concen: 47.074 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	41	Resp	130491
Ion Ratio	100	Lower	Upper
39	58.2	48.0	72.0
76	43.4	31.0	46.6





#15

Acrylonitrile

Concen: 284.333 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

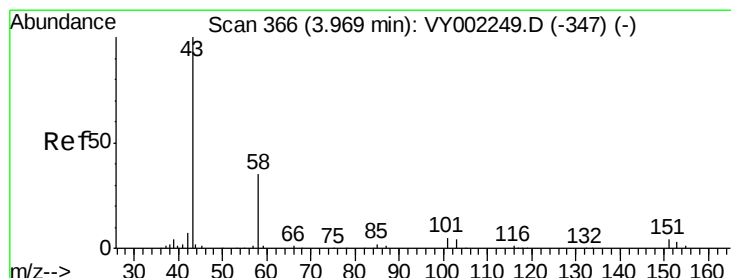
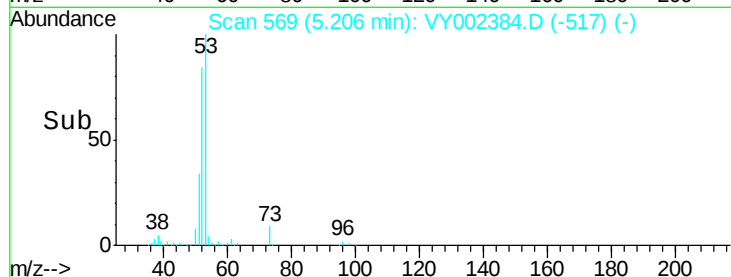
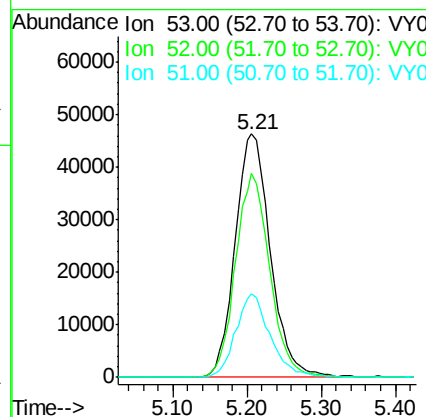
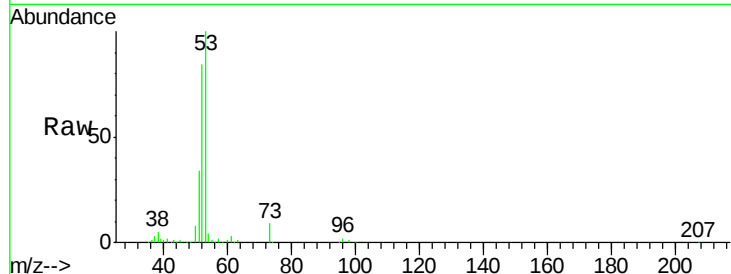
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.5	65.1	97.7	
51	33.7	27.1	40.7	

Manual Integrations
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#16

Acetone

Concen: 226.685 ug/l

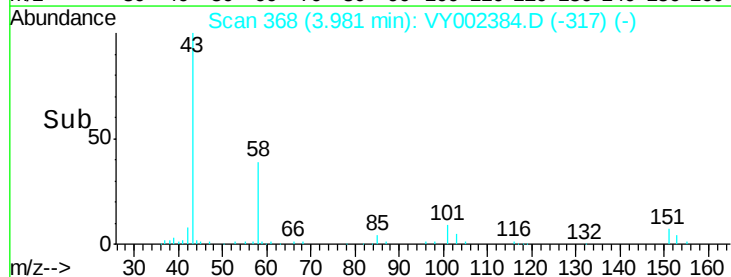
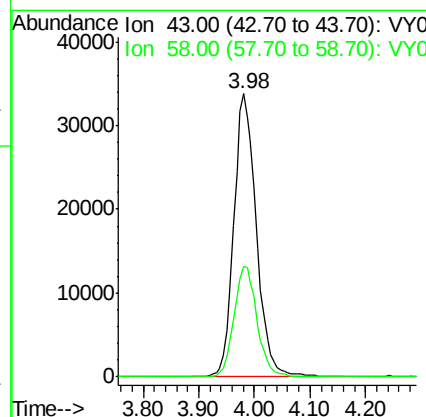
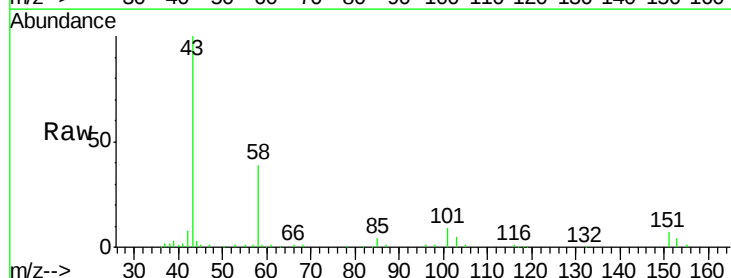
RT: 3.98 min Scan# 368

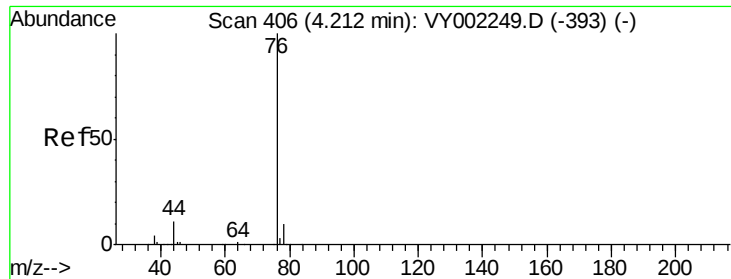
Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
58	38.9	28.5	42.7	





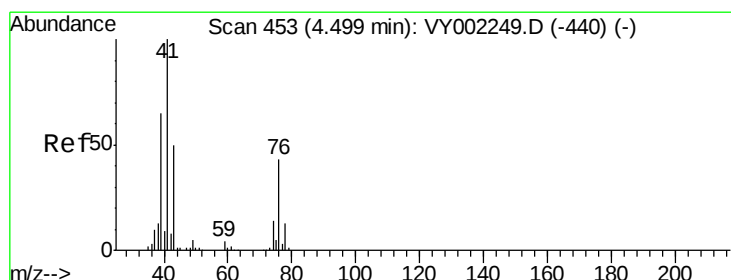
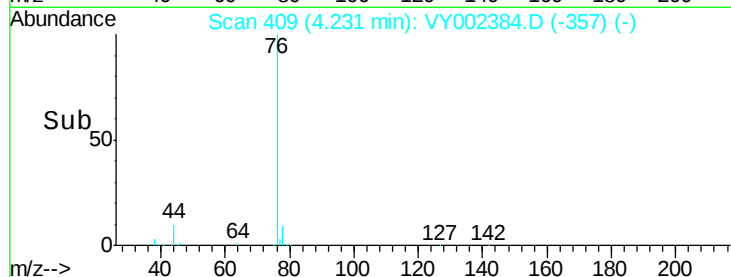
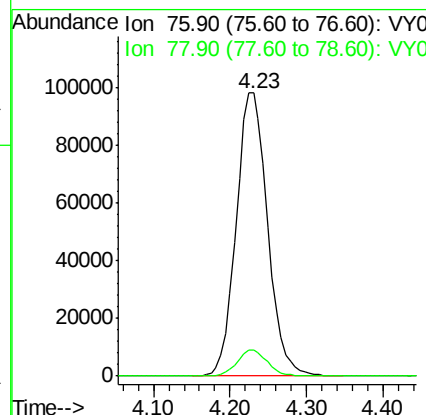
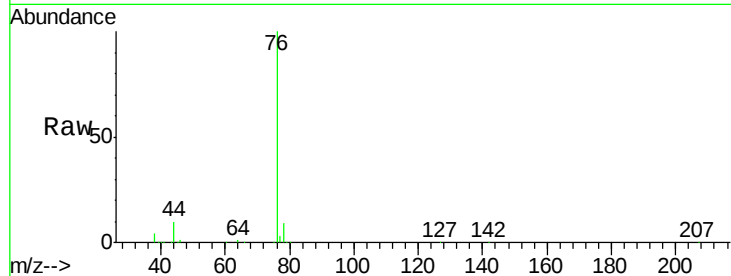
#17
Carbon Disulfide
Concen: 48.888 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.7	11.5

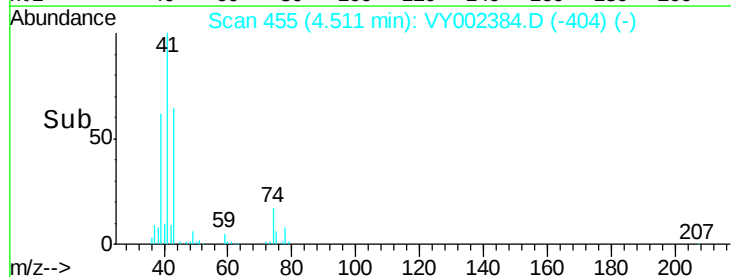
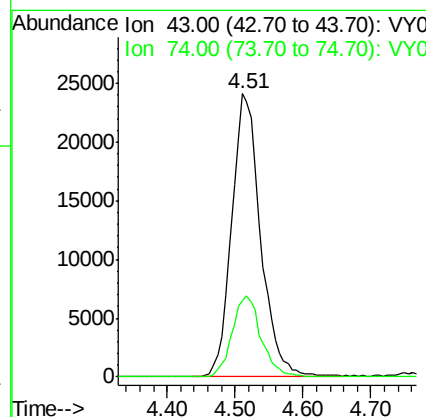
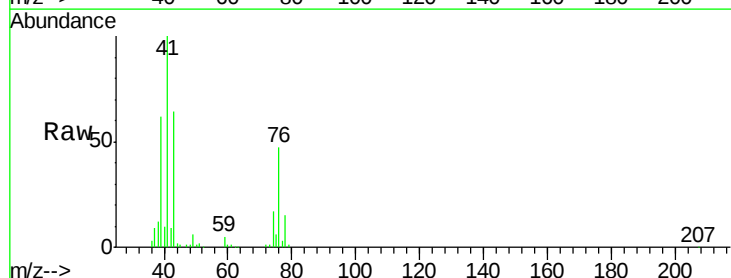
Manual Integrations
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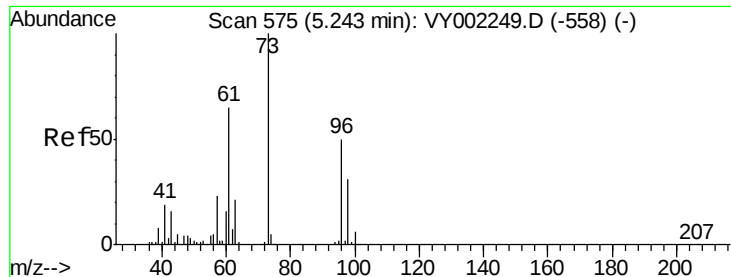
MMDadoda
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#18
Methyl Acetate
Concen: 54.943 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.6	20.3	30.5





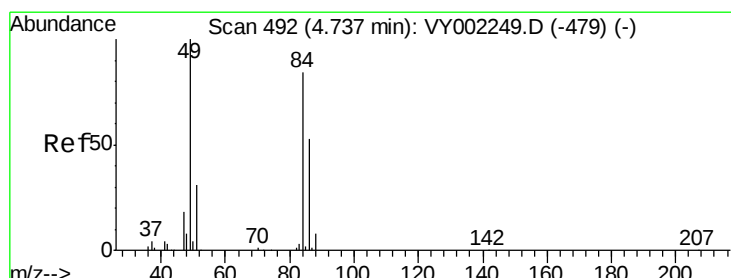
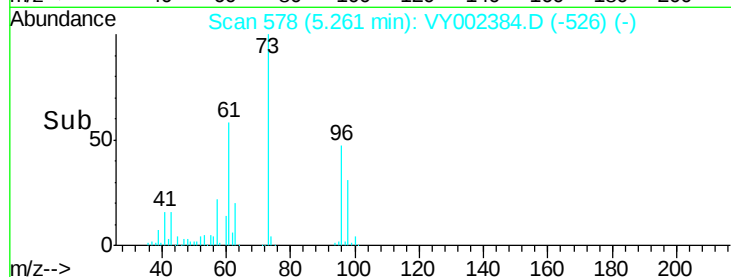
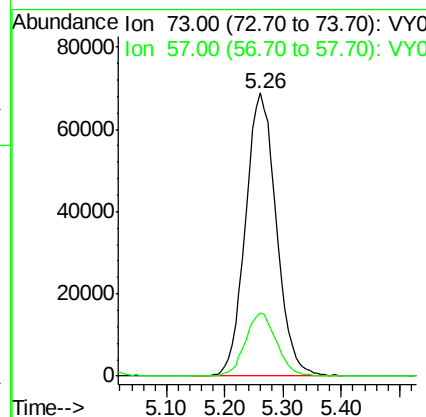
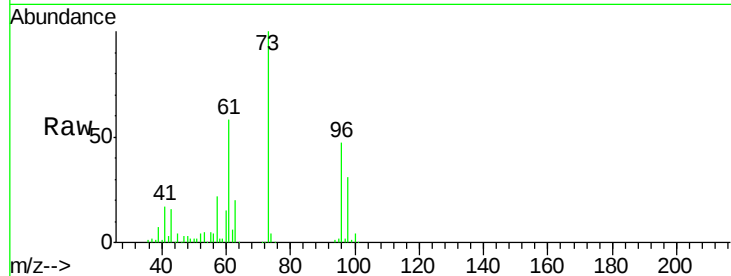
#19
Methvl tert-butvl Ether
Concen: 56.052 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 252957
Ion Ratio Lower Upper
73 100
57 22.2 18.7 28.1

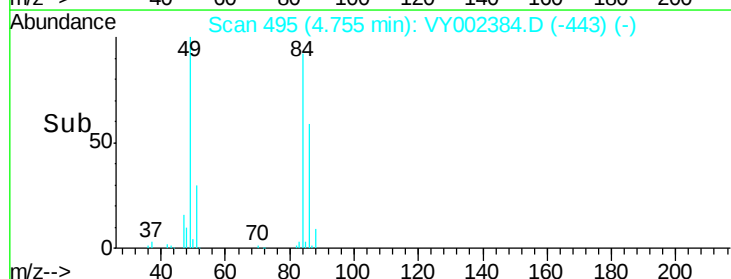
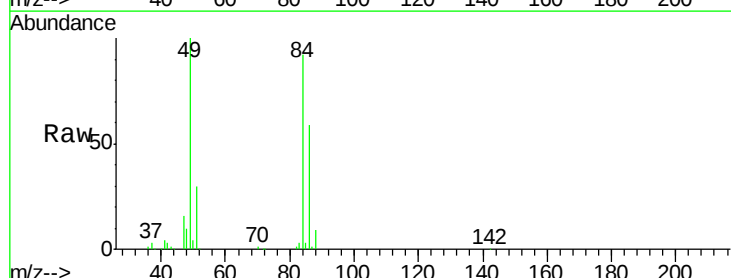
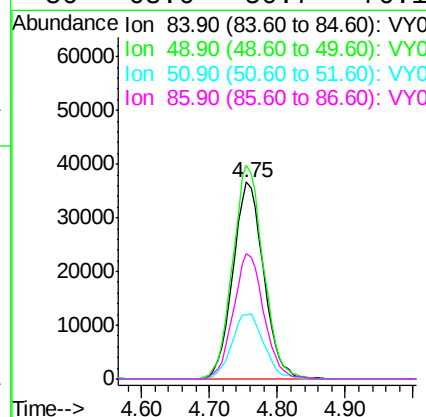
Manual Integrations
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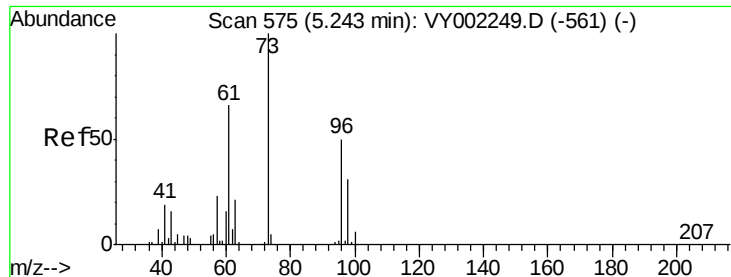
MMDadoda
4/17/2020 11:52:27 AM



#20
Methylene Chloride
Concen: 56.149 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 84 Resp: 114919
Ion Ratio Lower Upper
84 100
49 108.6 95.5 143.3
51 32.5 29.5 44.3
86 63.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 52.349 ug/l

RT: 5.26 min Scan# 578

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 100865

Ion Ratio Lower Upper

96 100

61 122.5 104.6 157.0

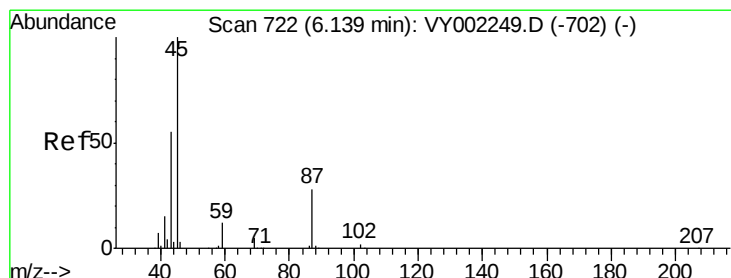
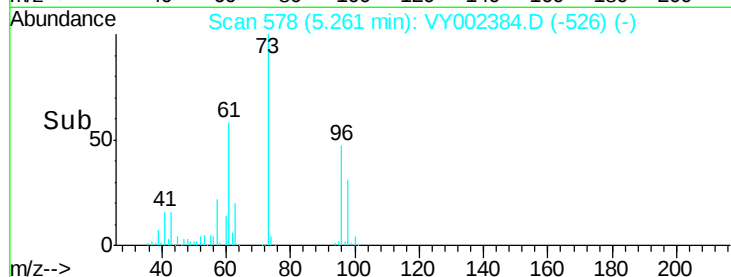
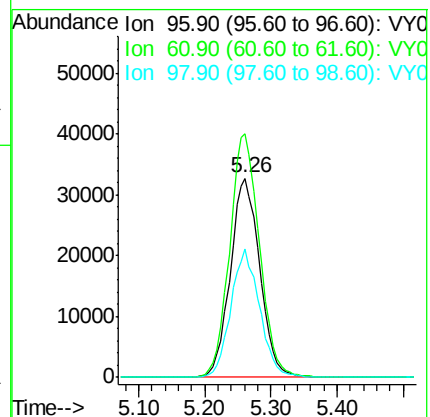
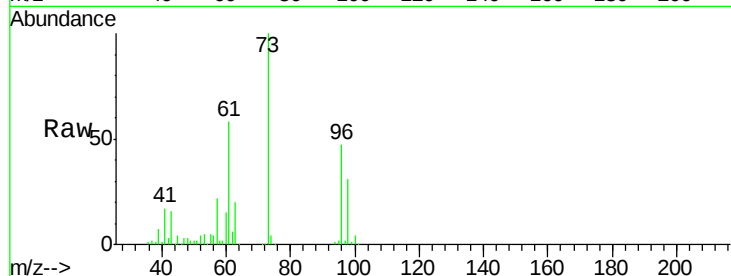
98 64.4 50.1 75.1

Manual Integrations

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4/17/2020 11:52:27 AM



#22

Diisopropyl ether

Concen: 50.425 ug/l

RT: 6.16 min Scan# 725

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion: 45 Resp: 281296

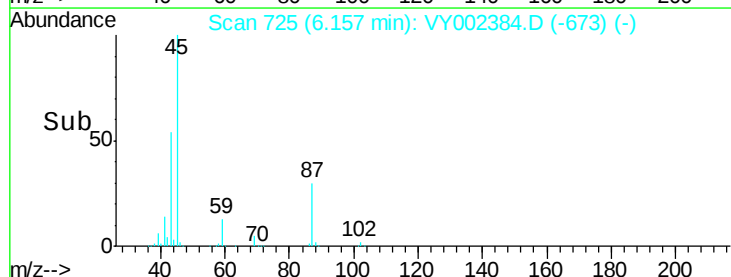
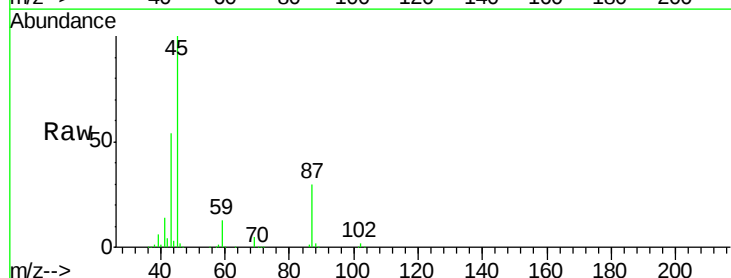
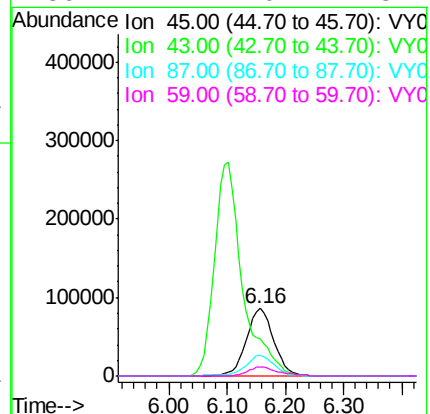
Ion Ratio Lower Upper

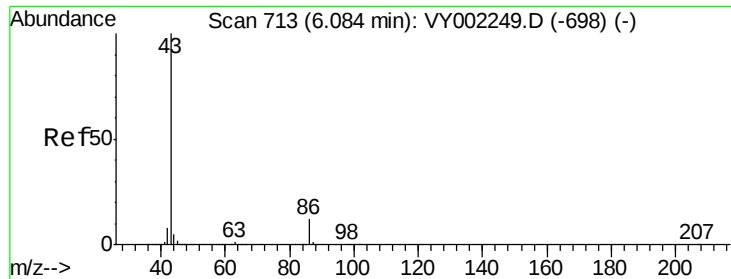
45 100

43 54.3 44.7 67.1

87 30.2 23.0 34.4

59 12.7 10.1 15.1





#23

Vinyl Acetate

Concen: 255.430 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 908052

Ion Ratio Lower Upper

43 100

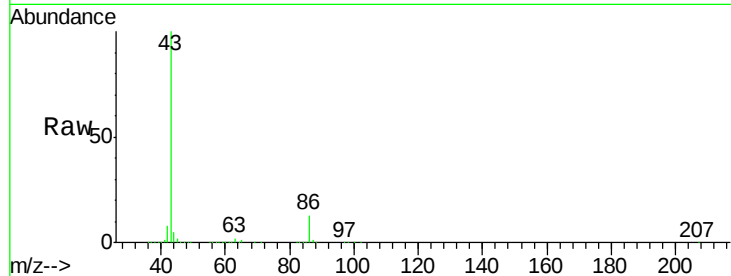
86 13.0 9.2 13.8

Manual Integrations

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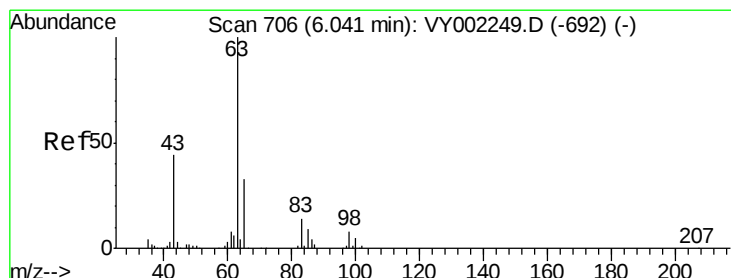
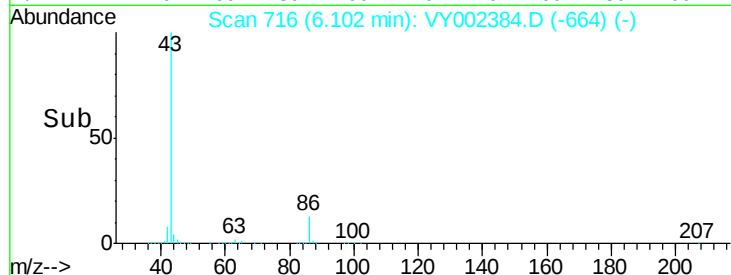
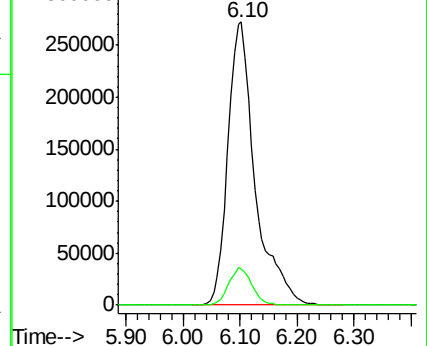
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 51.464 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

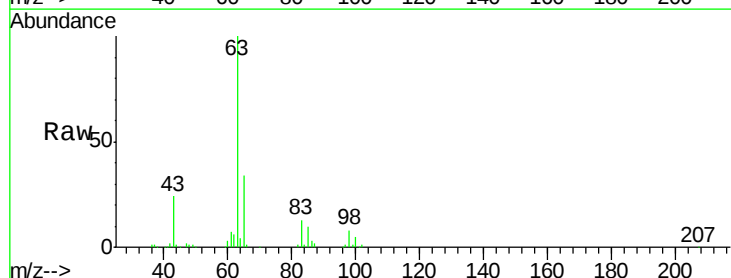
Tgt Ion: 63 Resp: 163298

Ion Ratio Lower Upper

63 100

98 8.2 4.0 12.0

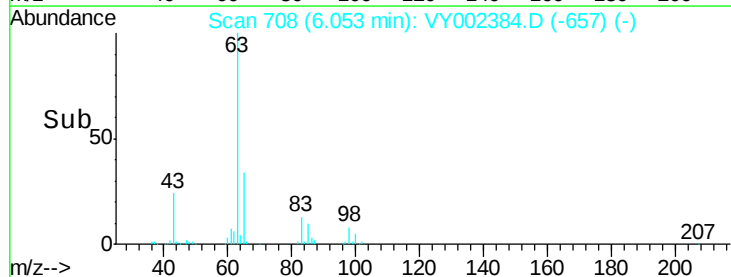
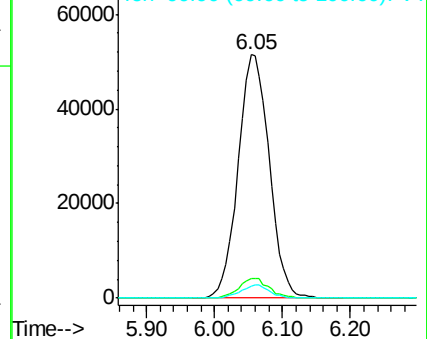
100 4.9 2.4 7.1

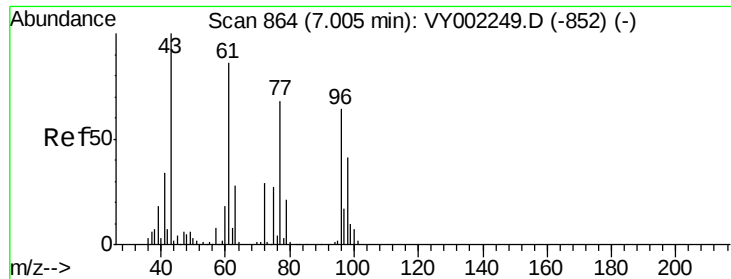


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 256.993 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.02 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 169352

Ion Ratio Lower Upper

43 100

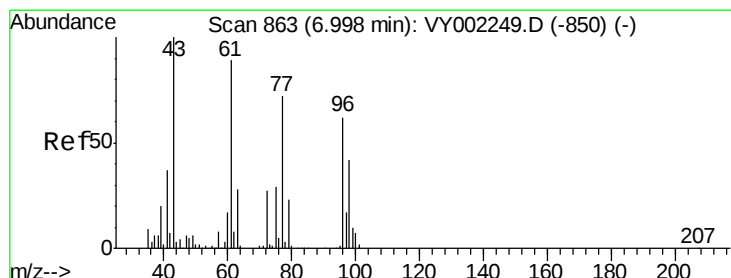
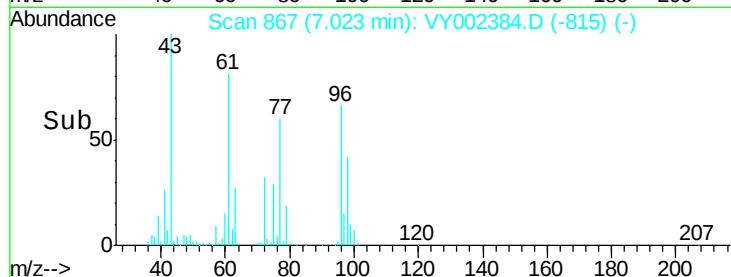
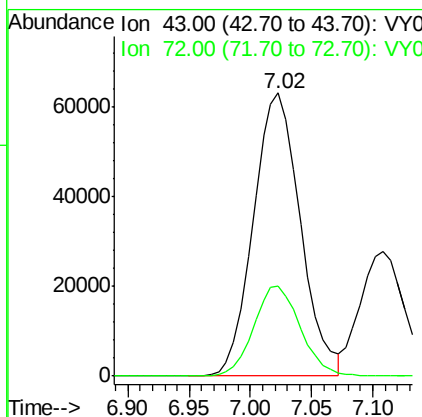
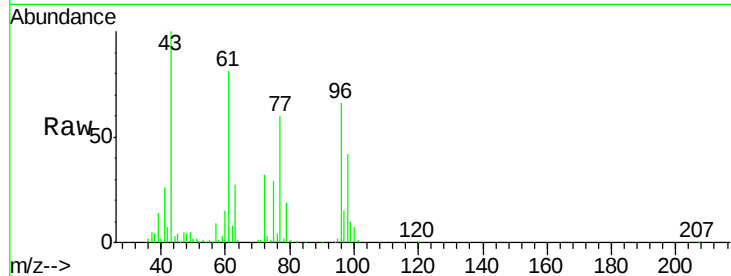
72 31.7 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 44.068 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002384.D

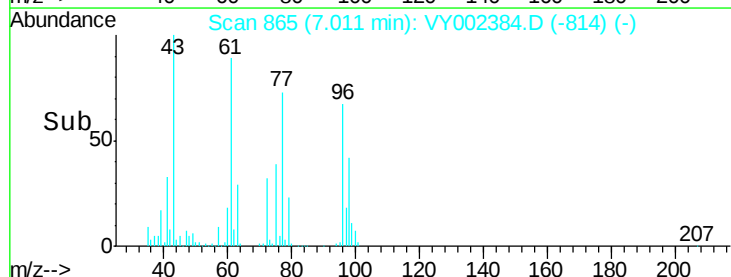
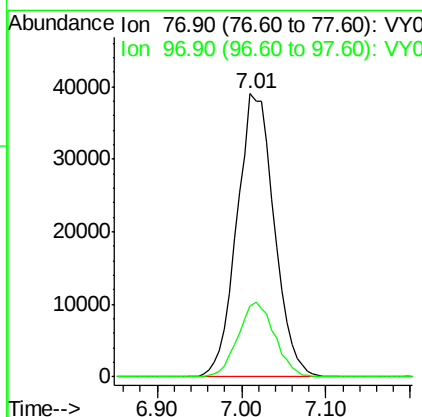
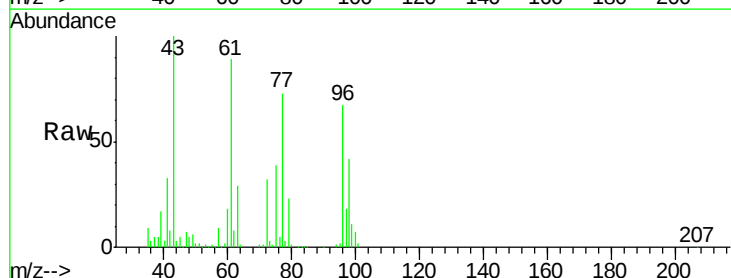
Acq: 16 Apr 2020 21:34

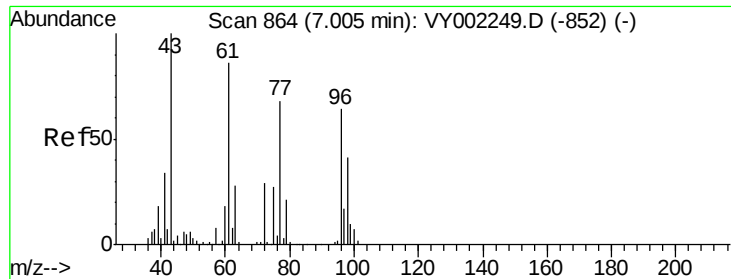
Tgt Ion: 77 Resp: 116969

Ion Ratio Lower Upper

77 100

97 26.0 12.2 36.6





#27

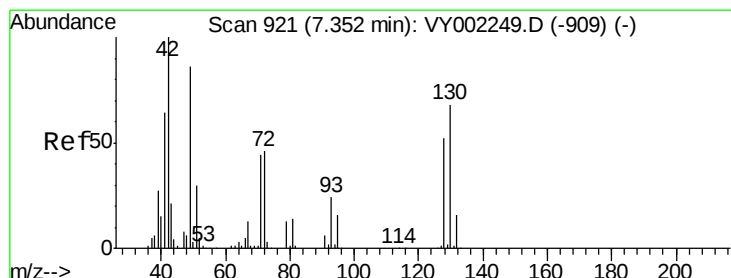
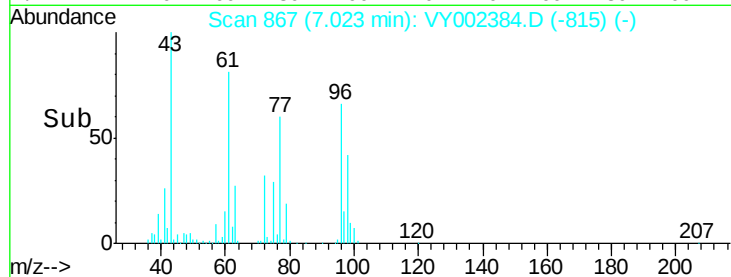
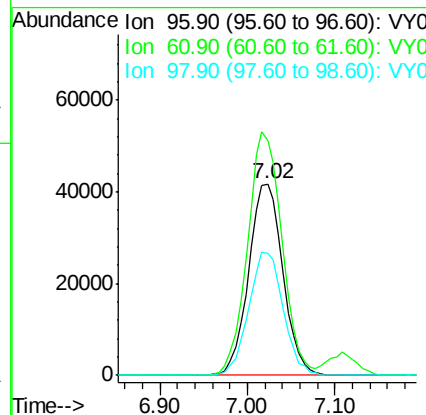
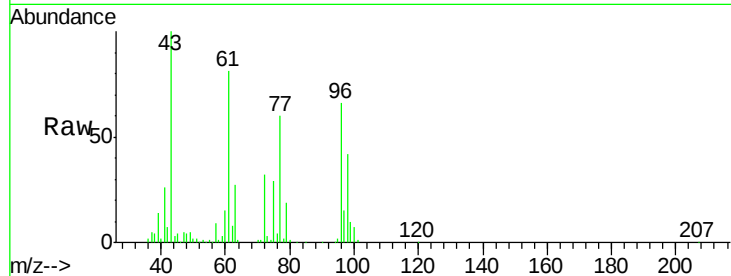
cis-1,2-Dichloroethene
 Concen: 54.125 ug/l
 RT: 7.02 min Scan# 867
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	128.0	0.0	278.0	
98	65.0	0.0	128.6	

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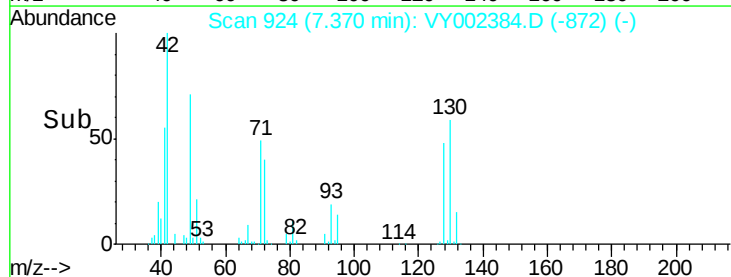
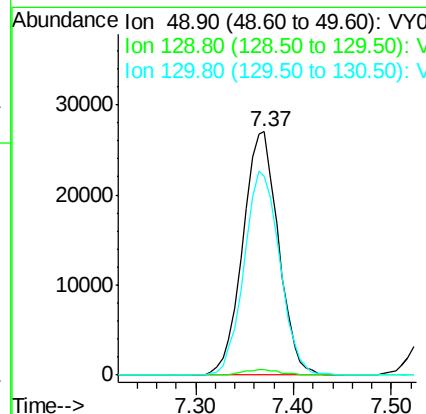
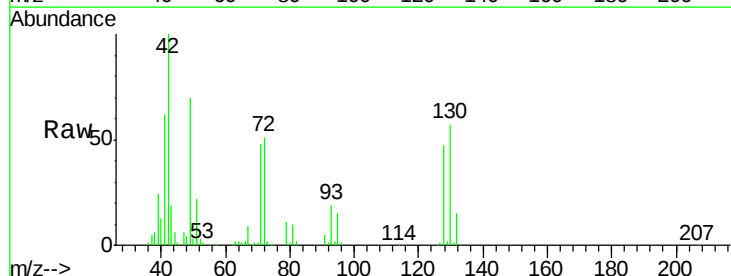
MMDadoda
 4/17/2020 11:52:27 AM

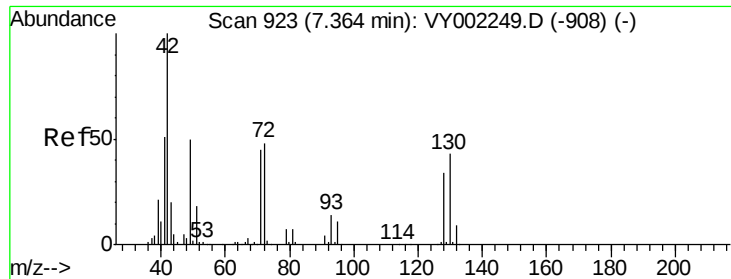


#28

Bromochloromethane
 Concen: 49.859 ug/l
 RT: 7.37 min Scan# 924
 Delta R.T. 0.02 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	84.0	60.9	91.3	





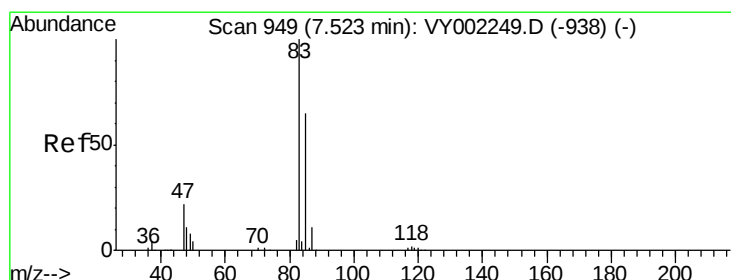
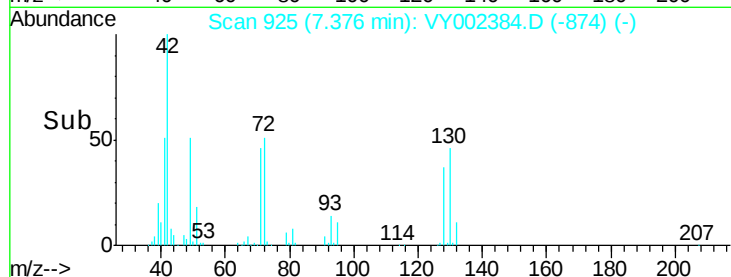
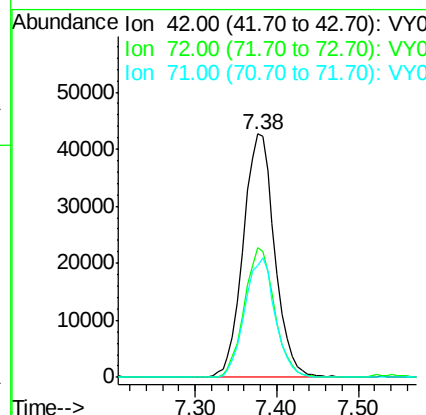
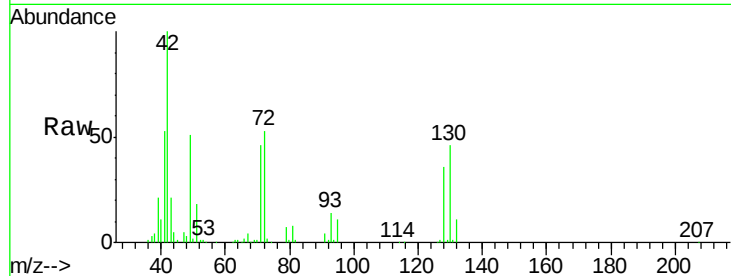
#29
Tetrahydrofuran
Concen: 263.008 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	36.7	55.1
71	47.4	34.7	52.1

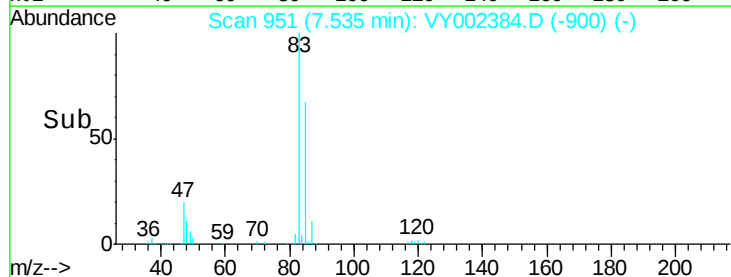
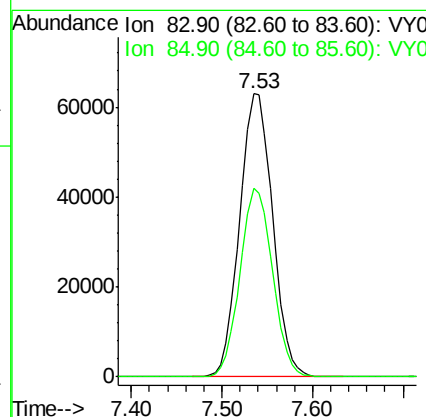
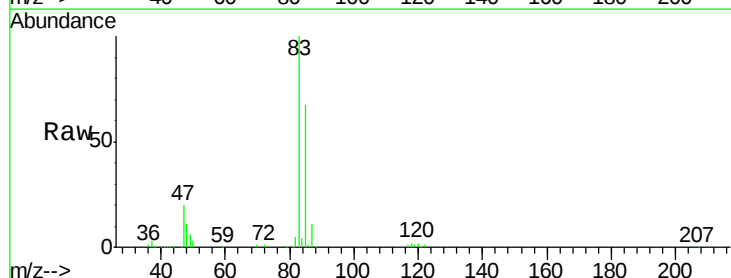
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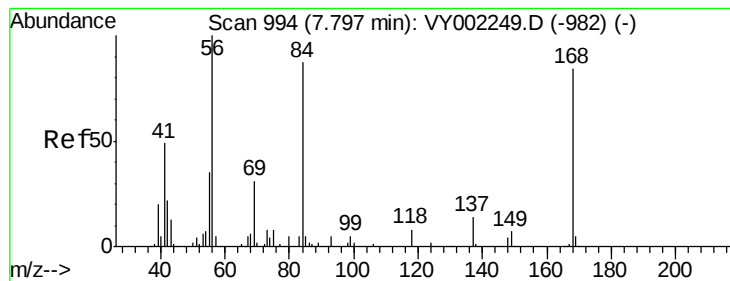
MMDadoda
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#30
Chloroform
Concen: 53.110 ug/l
RT: 7.53 min Scan# 951
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.0	78.0





#31

Cyclohexane

Concen: 45.475 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 151462

Ion Ratio Lower Upper

56 100

69 33.9 25.0 37.6

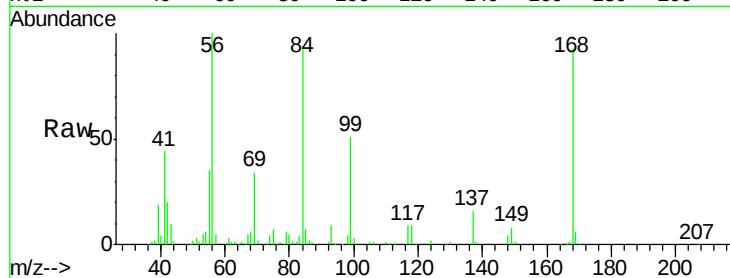
84 92.4 69.7 104.5

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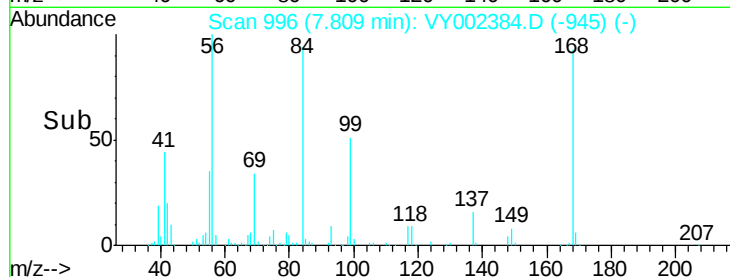


Abundance Ion 56.00 (55.70 to 56.70): VY002249.D (-982) (-)

Ion 69.00 (68.70 to 69.70): VY002249.D (-982) (-)

Ion 84.00 (83.70 to 84.70): VY002249.D (-982) (-)

Time-->

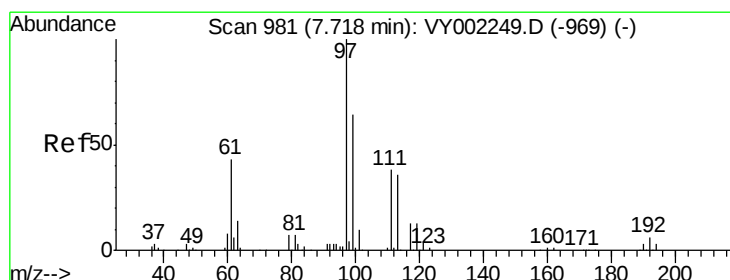


Abundance Ion 56.00 (55.70 to 56.70): VY002384.D (-945) (-)

Ion 69.00 (68.70 to 69.70): VY002384.D (-945) (-)

Ion 84.00 (83.70 to 84.70): VY002384.D (-945) (-)

Time-->



#32

1,1,1-Trichloroethane

Concen: 50.139 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

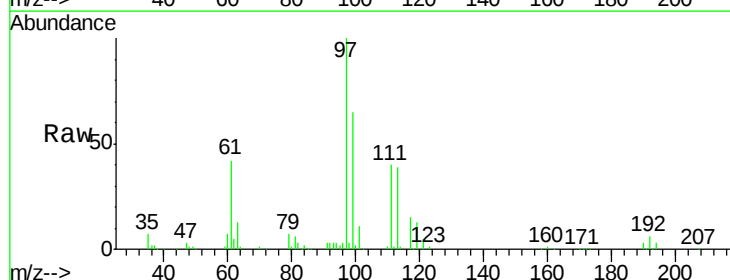
Tgt Ion: 97 Resp: 124825

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 41.2 34.3 51.5

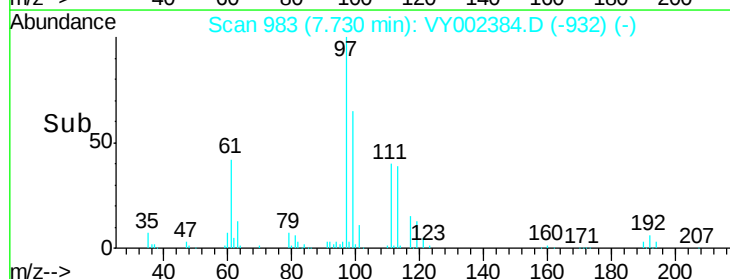


Abundance Ion 96.90 (96.60 to 97.60): VY002249.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-969) (-)

Ion 60.90 (60.60 to 61.60): VY002249.D (-969) (-)

Time-->

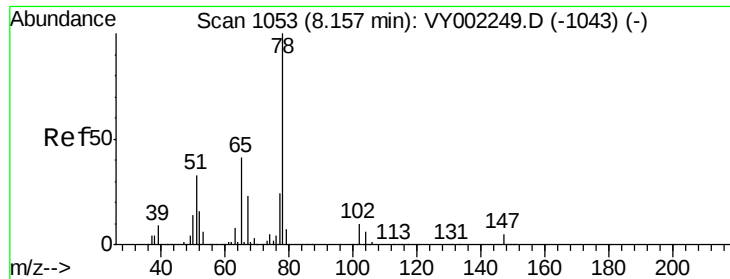


Abundance Ion 96.90 (96.60 to 97.60): VY002384.D (-932) (-)

Ion 98.90 (98.60 to 99.60): VY002384.D (-932) (-)

Ion 60.90 (60.60 to 61.60): VY002384.D (-932) (-)

Time-->



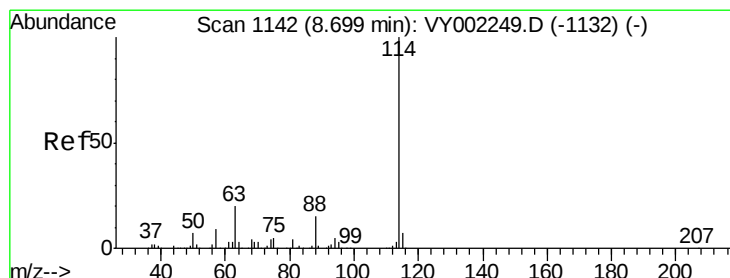
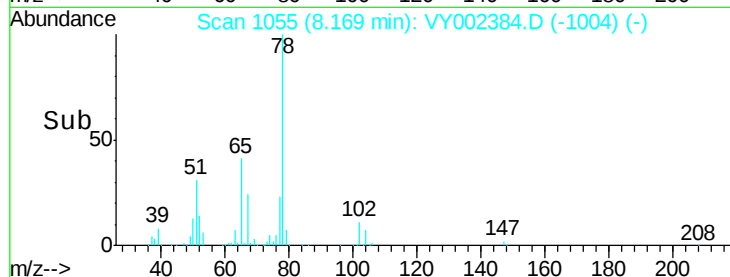
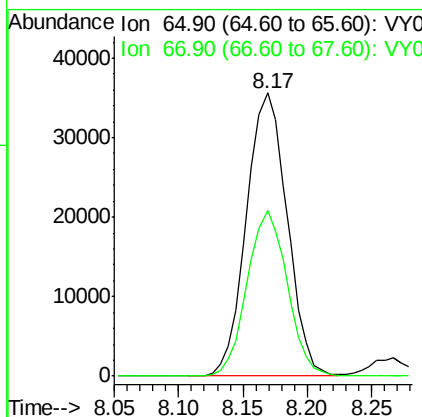
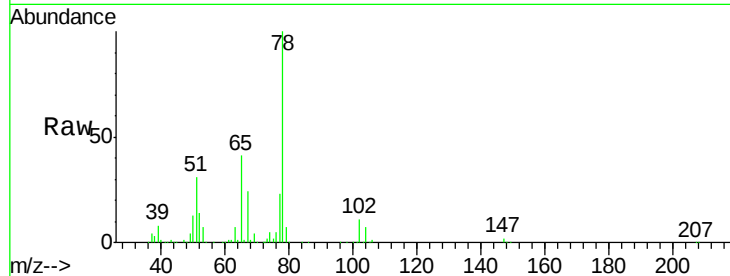
#33
 1,2-Dichloroethane-d4
 Concen: 49.444 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	78170		
67	57.4	0.0	114.0	

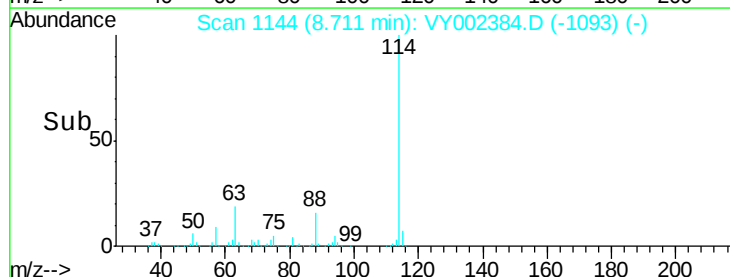
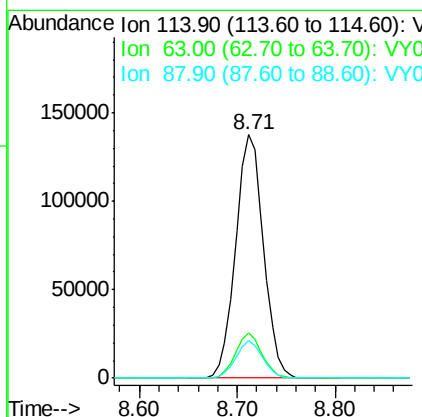
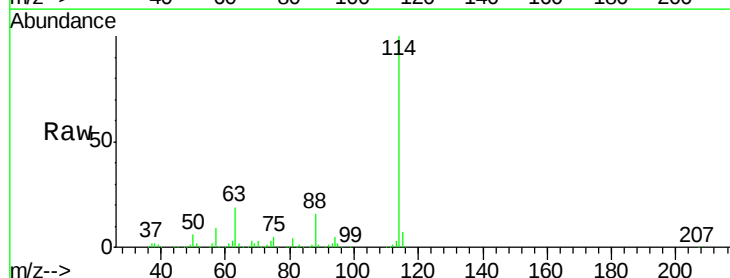
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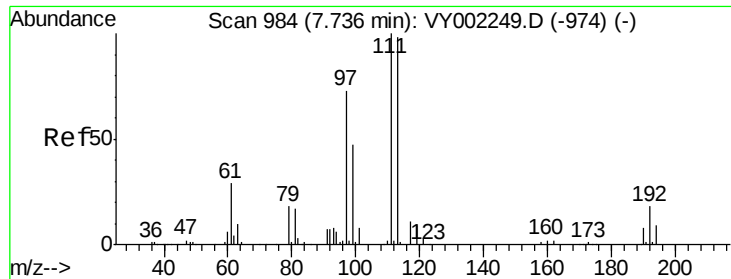
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	271002		
63	18.6	0.0	39.0	
88	15.6	0.0	31.0	





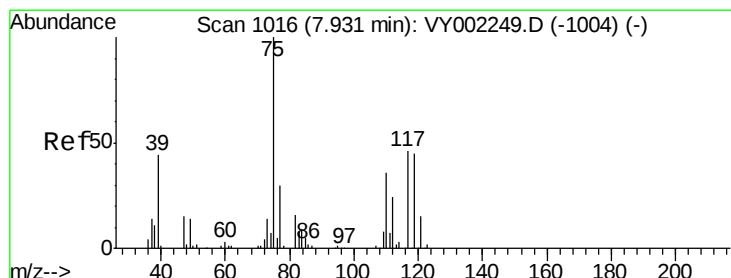
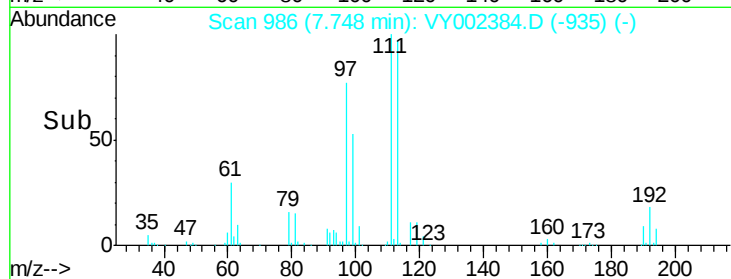
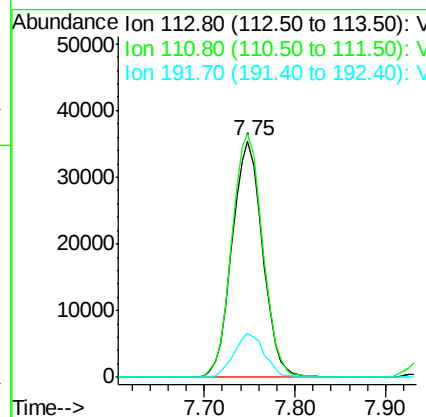
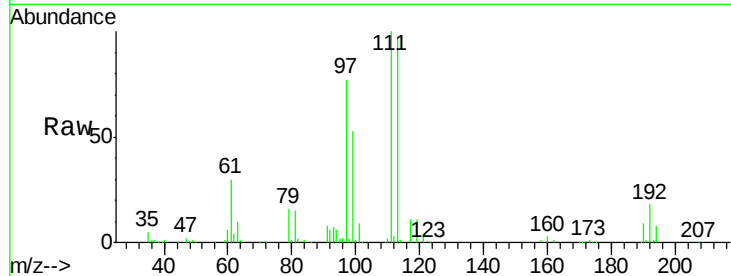
#35
 Dibromofluoromethane
 Concen: 51.565 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.2	83.5	125.3	
192	18.6	14.7	22.1	

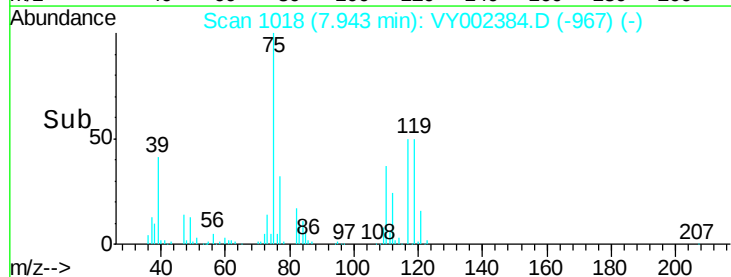
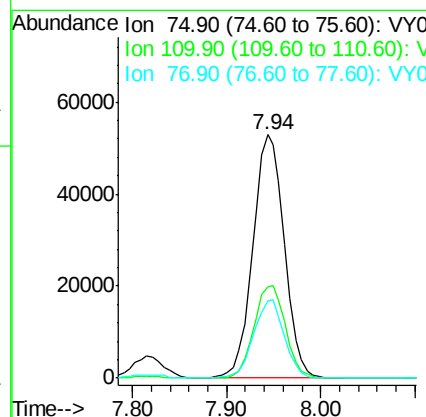
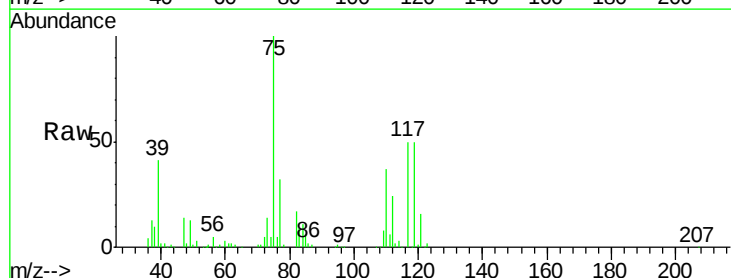
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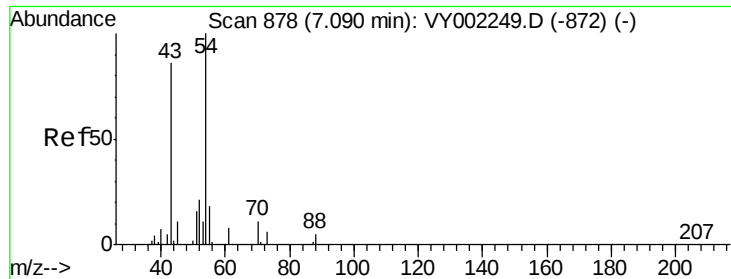
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#36
 1,1-Dichloropropene
 Concen: 46.439 ug/l
 RT: 7.94 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	37.9	17.8	53.3	
77	31.4	24.4	36.6	





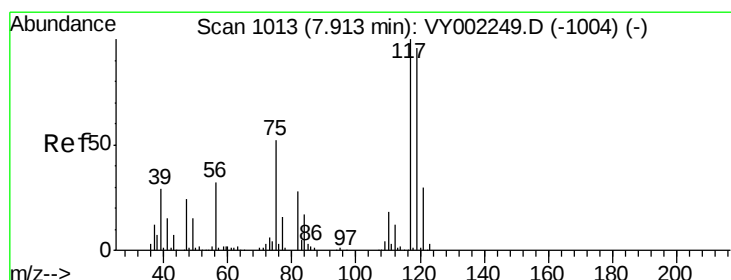
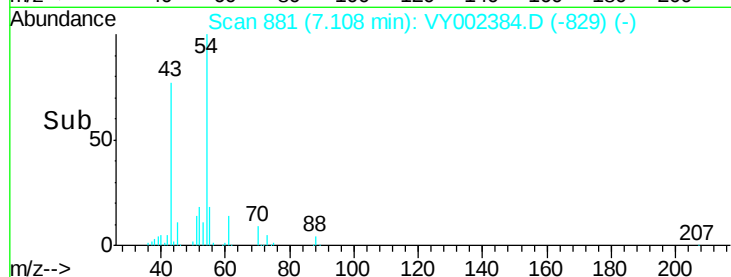
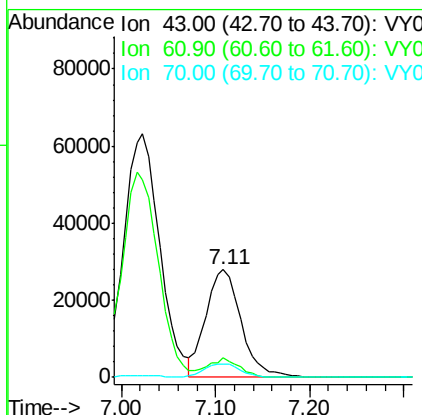
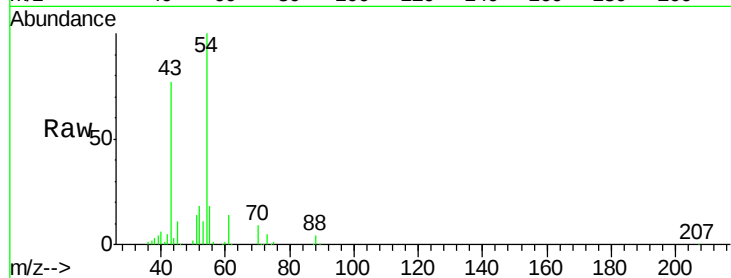
#37
Ethyl Acetate
Concen: 47.529 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.8	17.6
70	12.9	9.1	13.7

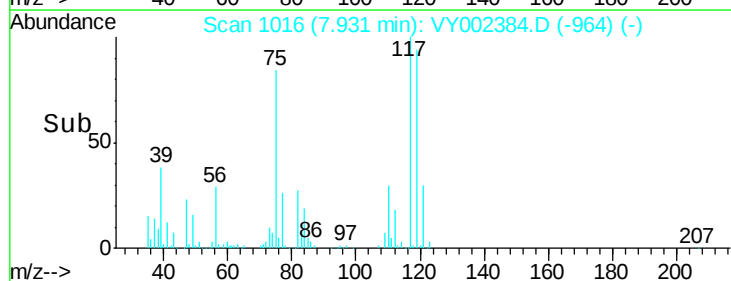
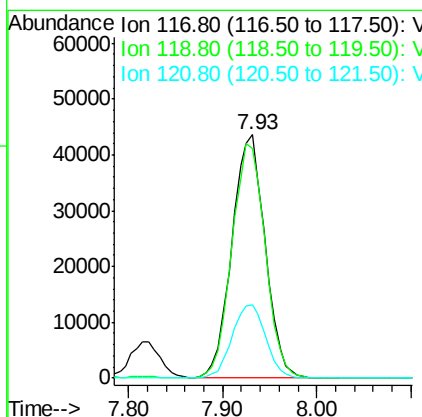
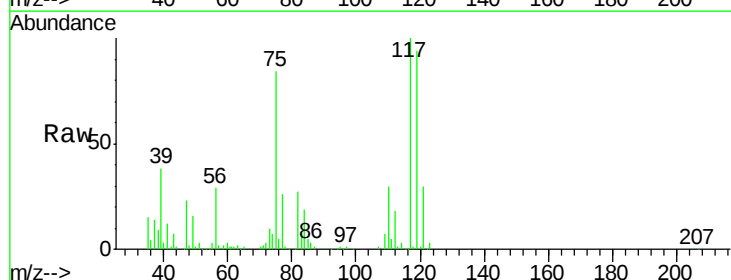
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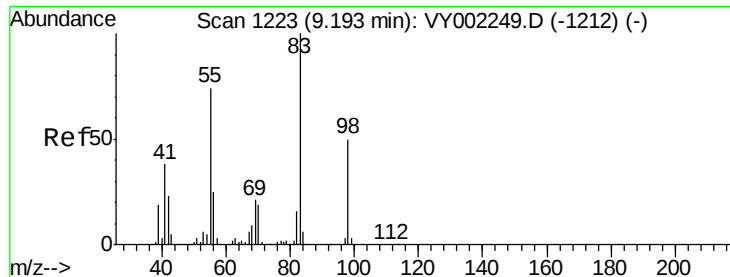
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#38
Carbon Tetrachloride
Concen: 46.993 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.02 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.1	115.7
121	30.2	23.9	35.9





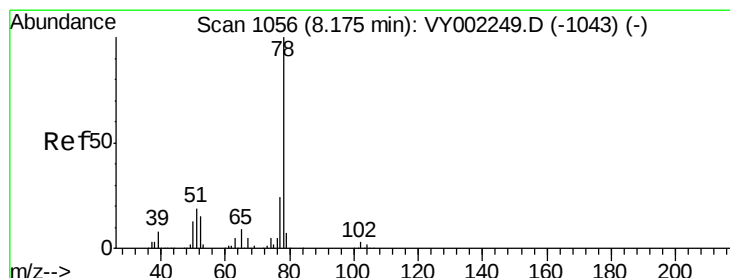
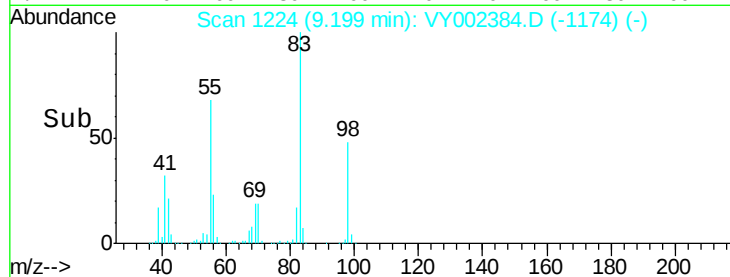
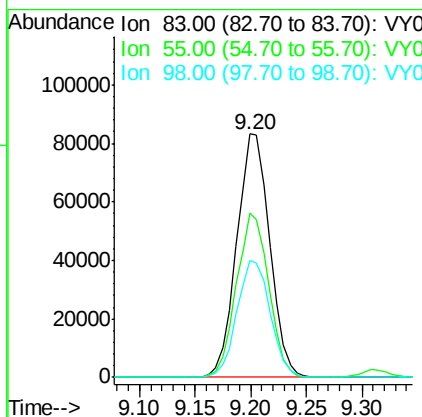
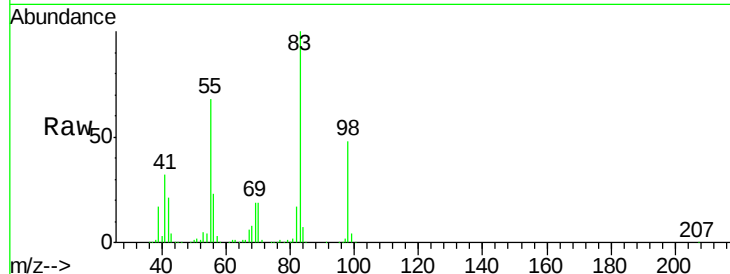
#39
Methvlcvclohexane
Concen: 47.153 ug/l
RT: 9.20 min Scan# 1224
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	59.3	88.9
98	47.9	39.6	59.4

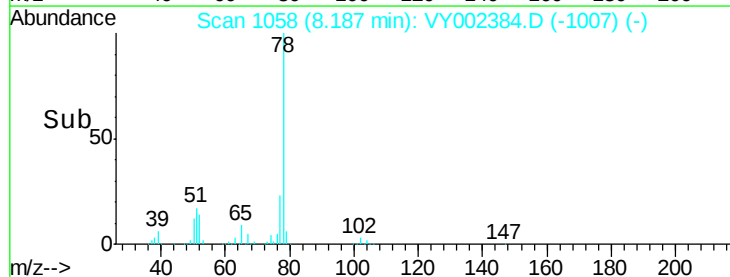
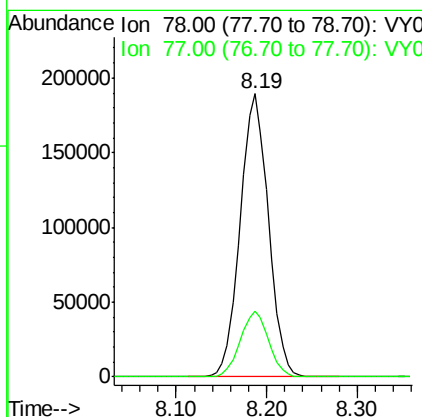
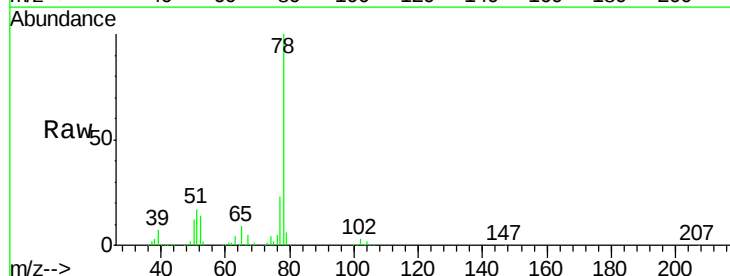
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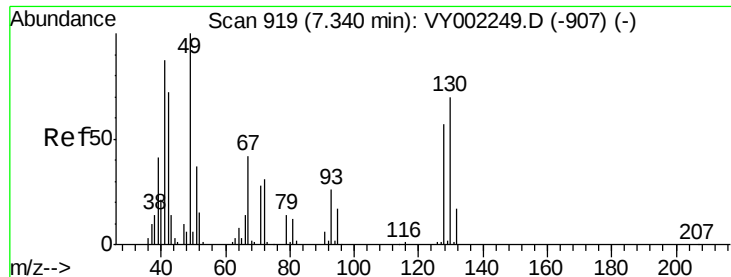
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#40
Benzene
Concen: 50.390 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





#41

Methacrylonitrile

Concen: 41.918 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 37709

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

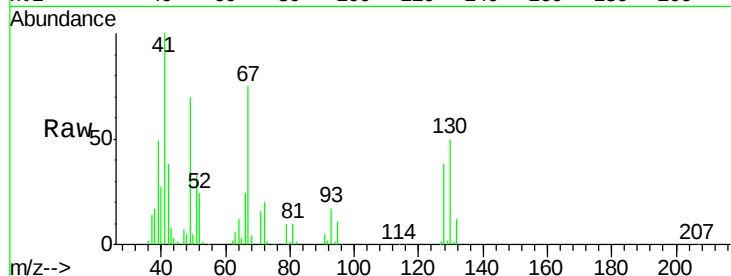
52 0.0 0.0 0.0

Manual Integrations

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MMDadoda

4/17/2020 11:52:27 AM

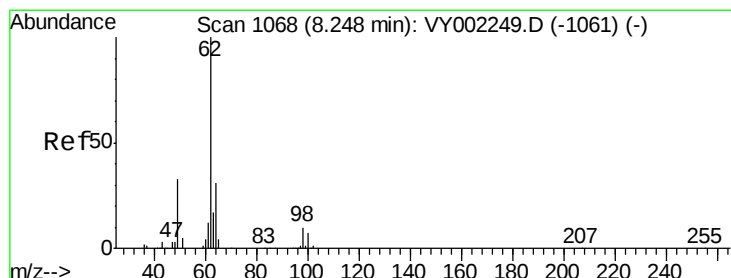
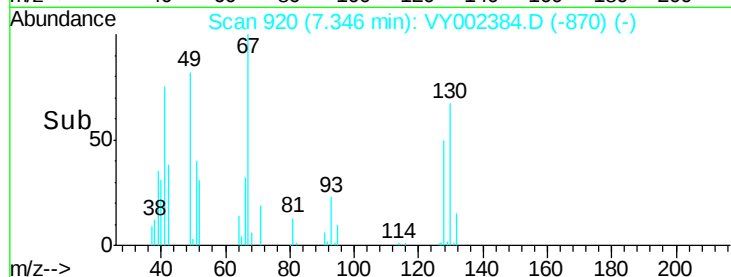
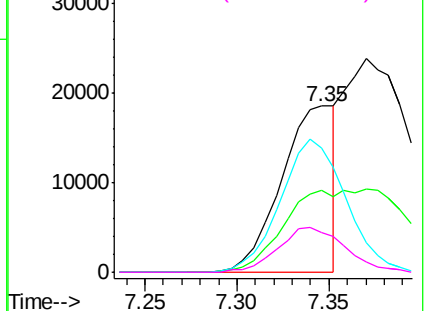


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 48.981 ug/l

RT: 8.26 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VY002384.D

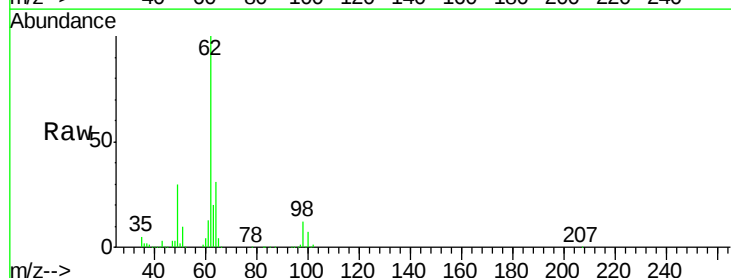
Acq: 16 Apr 2020 21:34

Tgt Ion: 62 Resp: 98264

Ion Ratio Lower Upper

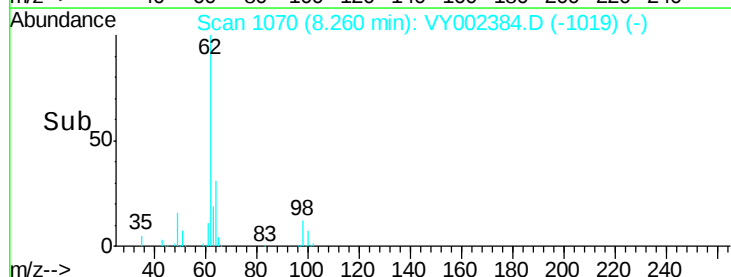
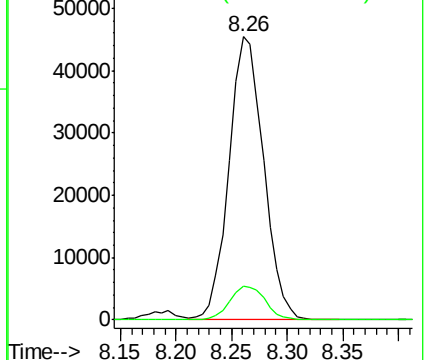
62 100

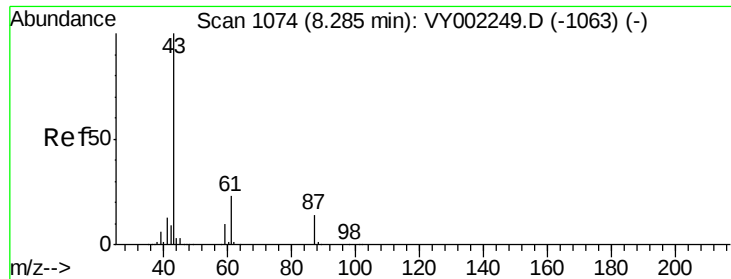
98 12.2 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





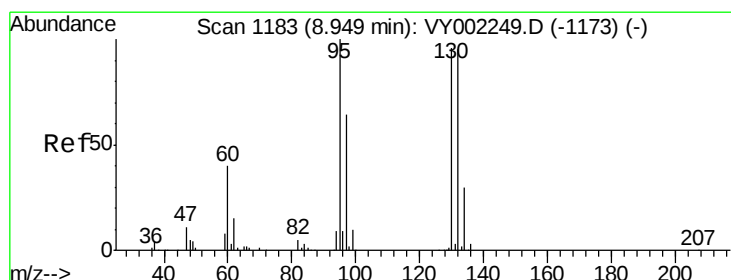
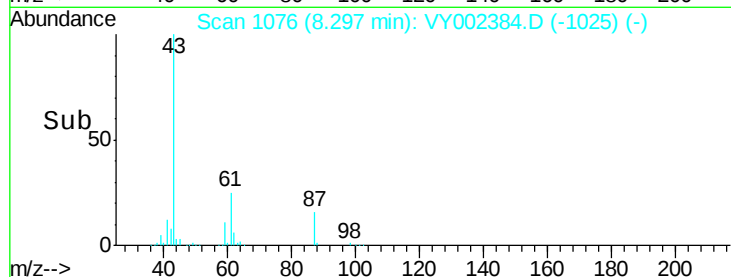
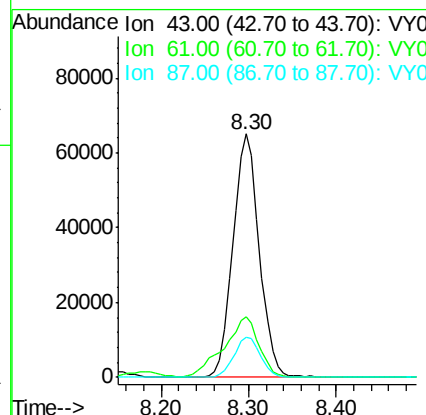
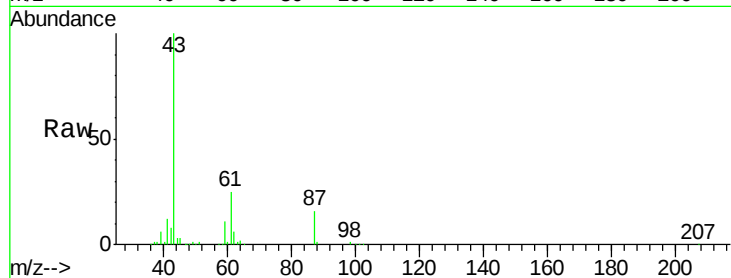
#43
Isopropyl Acetate
Concen: 48.680 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.3	24.9	37.3
87	16.7	11.7	17.5

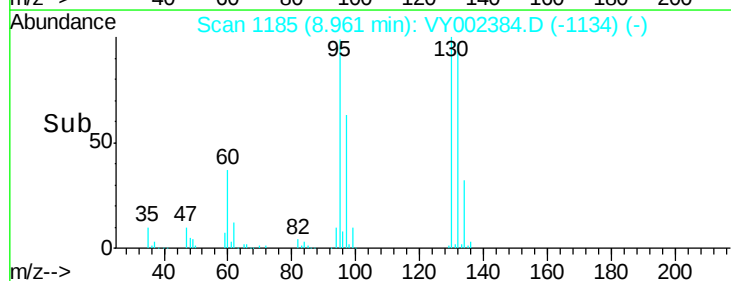
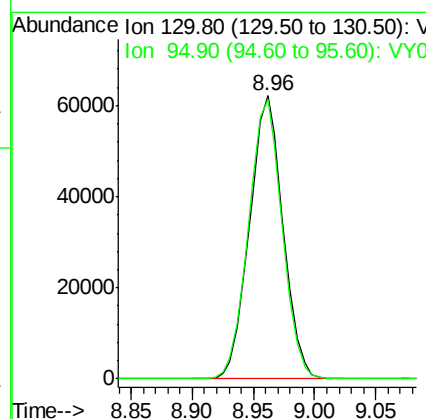
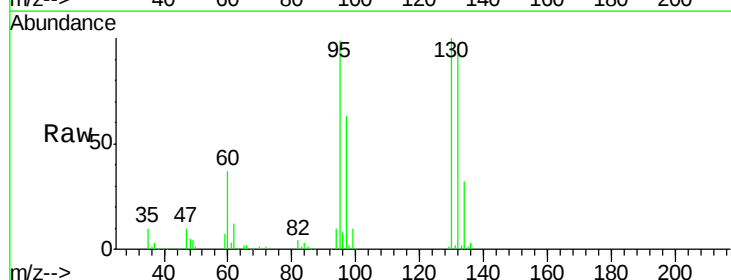
Manual Integrations
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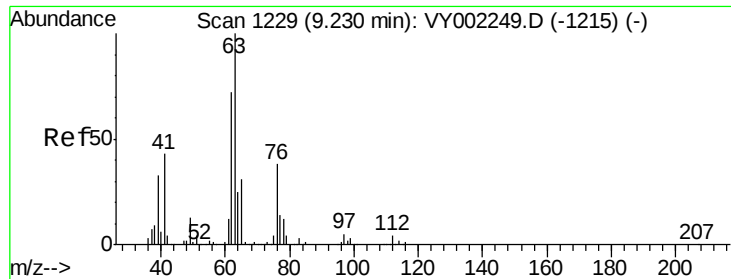
MMDadoda
4/17/2020 11:52:27 AM



#44
Trichloroethene
Concen: 49.674 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	208.2





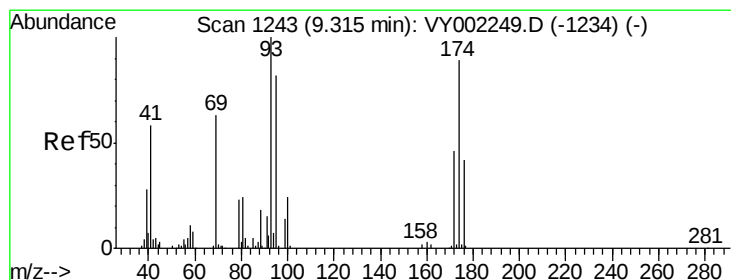
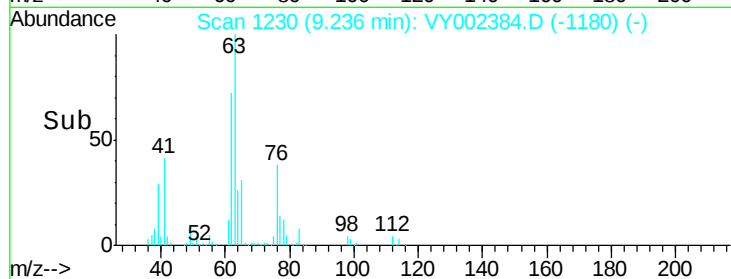
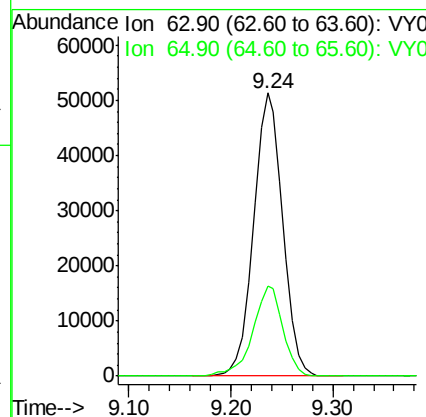
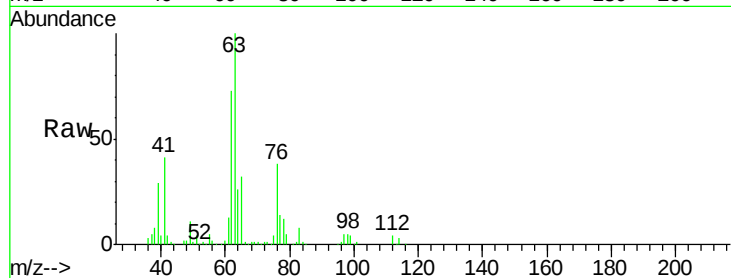
#45
 1,2-Dichloropropane
 Concen: 50.575 ug/l
 RT: 9.24 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	24.6	37.0

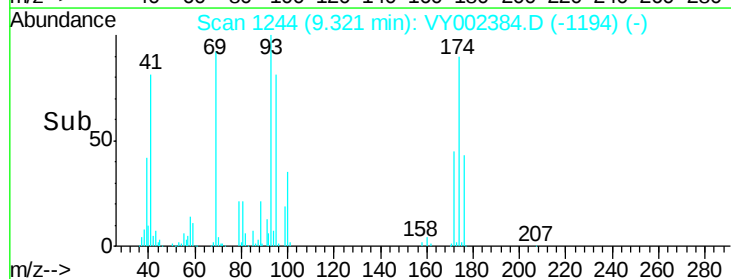
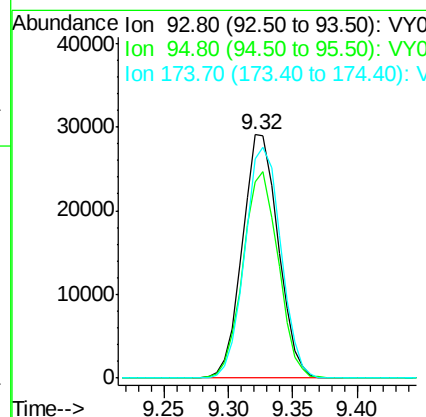
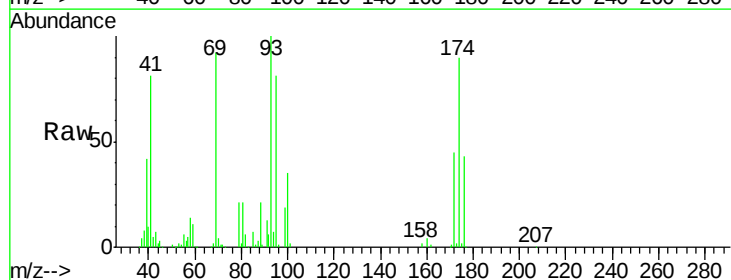
Manual Integrations
 APPROVED

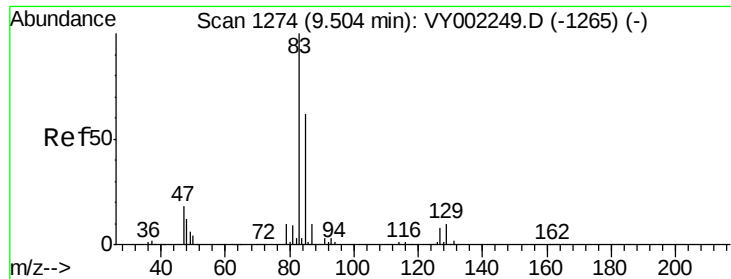
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 4/17/2020 11:52:27 AM



#46
 Dibromomethane
 Concen: 53.414 ug/l
 RT: 9.32 min Scan# 1244
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.4	67.3	100.9
174	95.2	72.5	108.7





#47

Bromodichloromethane

Concen: 51.263 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

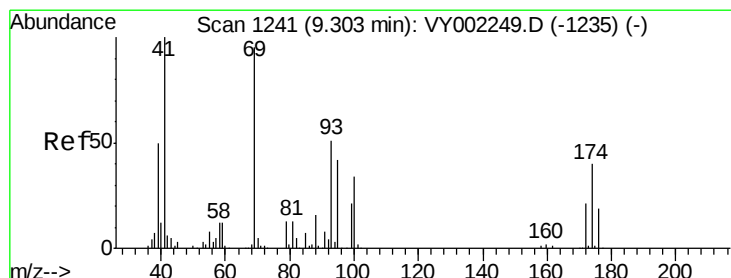
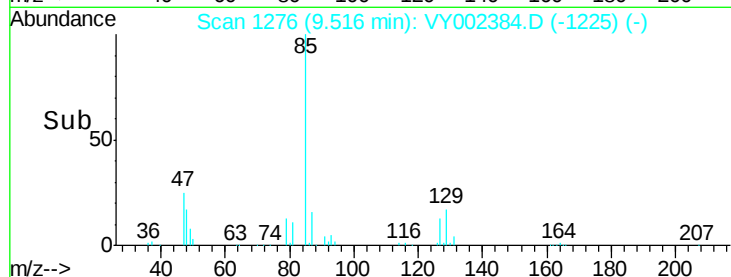
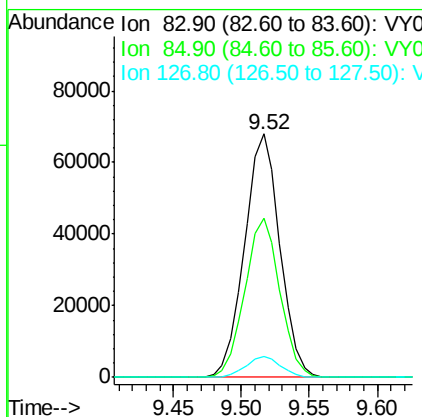
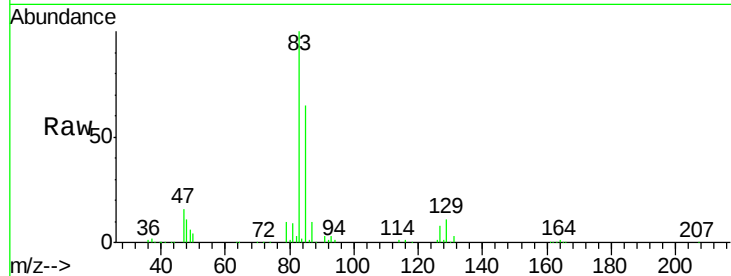
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	123582
Ion	Ratio	Lower	Upper
83	100		
85	65.2	49.7	74.5
127	8.5	6.2	9.4

Manual Integrations
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4/17/2020 11:52:27 AM



#48

Methyl methacrylate

Concen: 47.811 ug/l

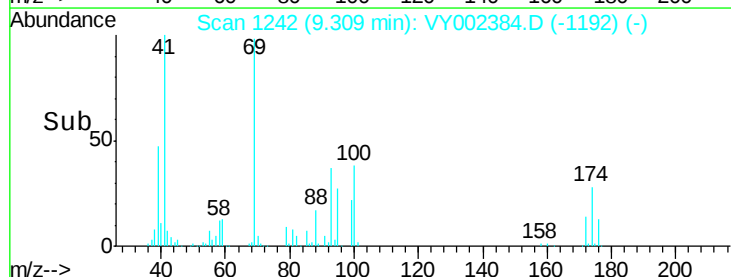
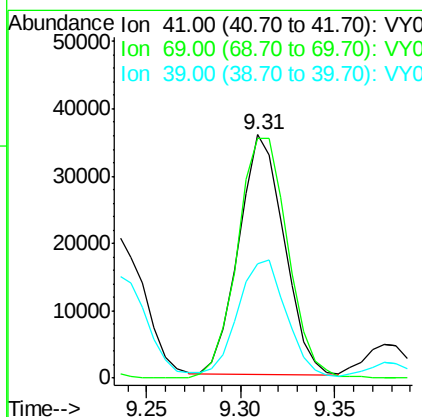
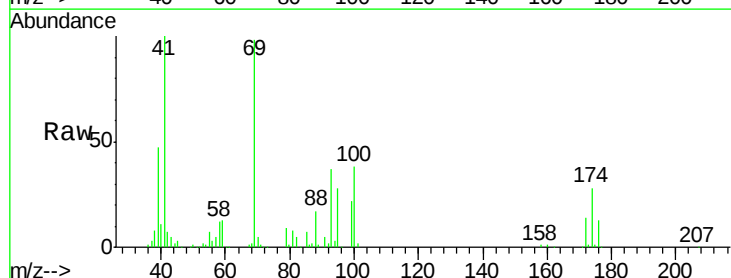
RT: 9.31 min Scan# 1242

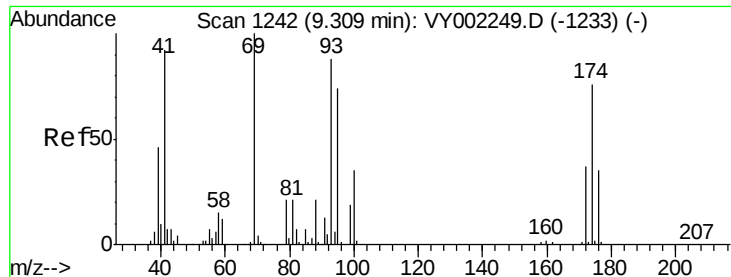
Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion:	41	Resp:	59623
Ion	Ratio	Lower	Upper
41	100		
69	110.8	76.7	115.1
39	50.8	40.5	60.7





#49

1,4-Dioxane

Concen: 1136.046 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

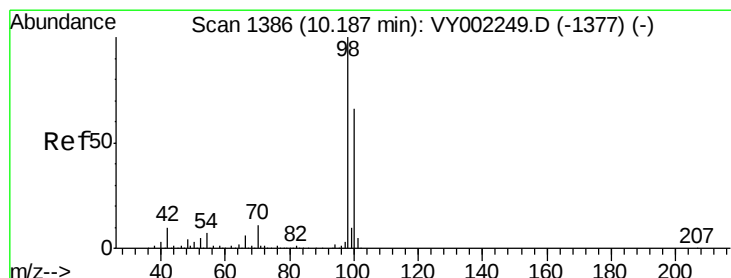
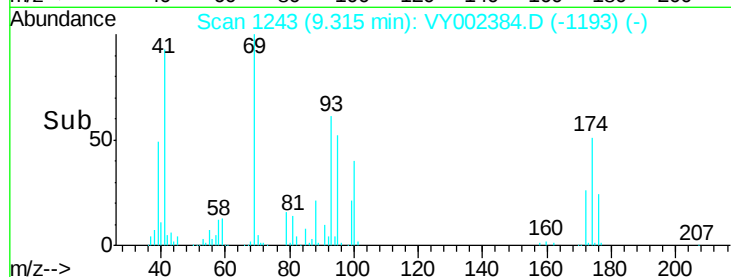
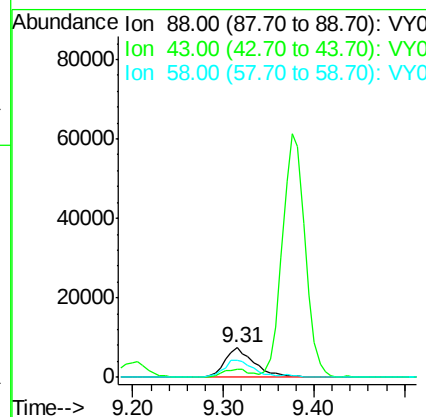
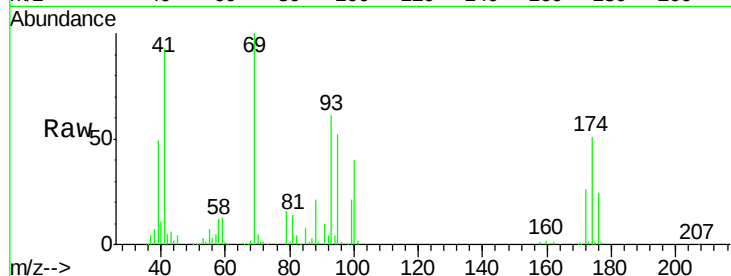
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	16884
Ion	Ratio	Lower	Upper
88	100		
43	26.6	22.2	33.2
58	65.6	57.6	86.4

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#50

Toluene-d8

Concen: 49.485 ug/l

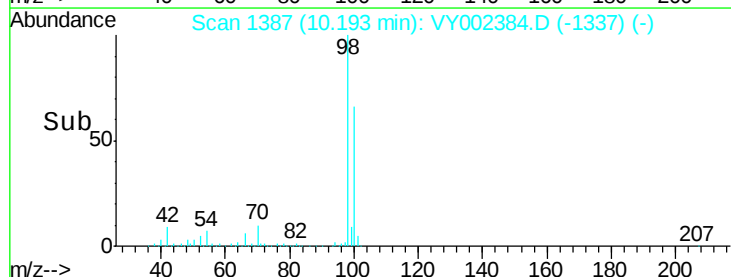
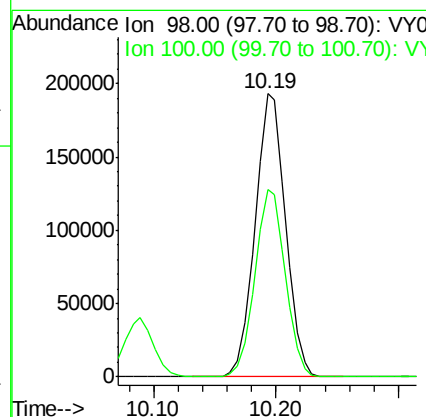
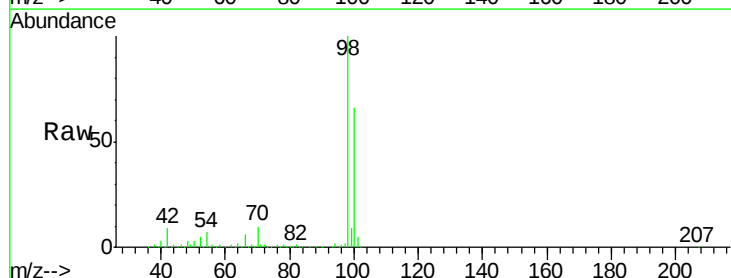
RT: 10.19 min Scan# 1387

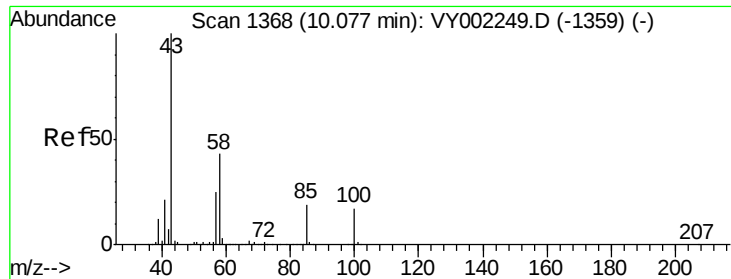
Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion:	98	Resp:	333995
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 250.493 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 363016

Ion Ratio Lower Upper

43 100

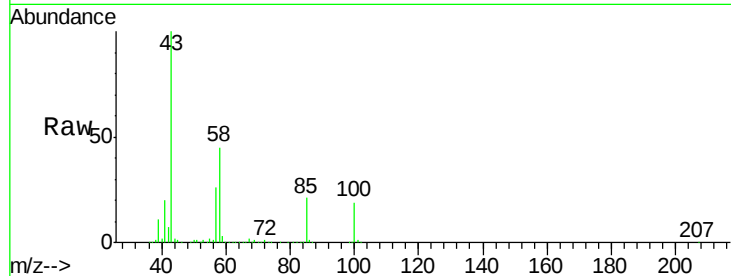
58 44.9 33.8 50.8

Manual Integrations

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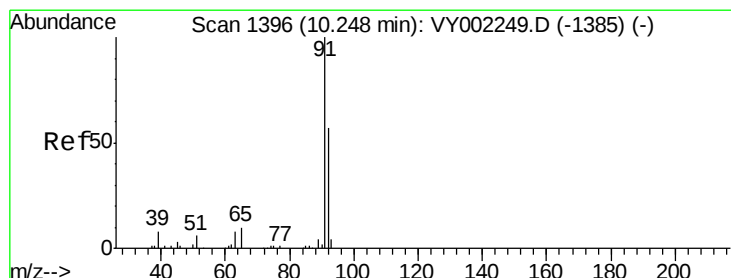
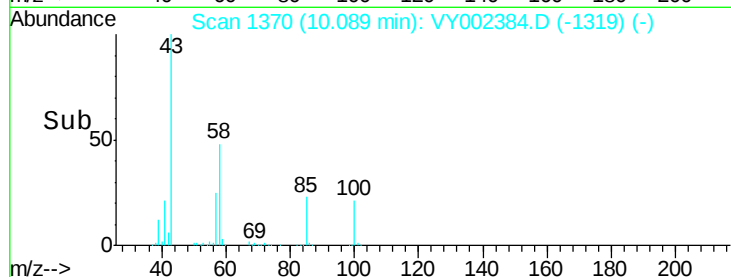
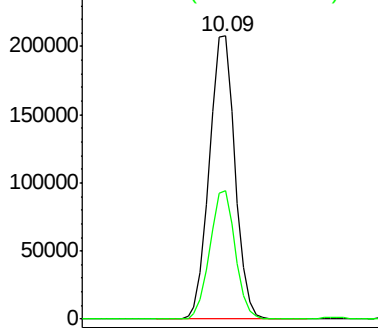
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 50.395 ug/l

RT: 10.26 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VY002384.D

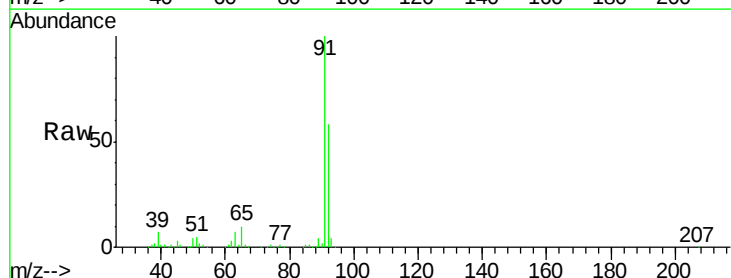
Acq: 16 Apr 2020 21:34

Tgt Ion: 92 Resp: 245965

Ion Ratio Lower Upper

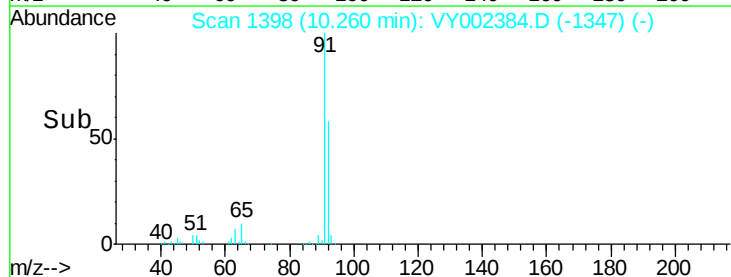
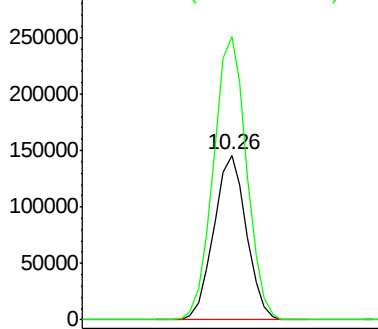
92 100

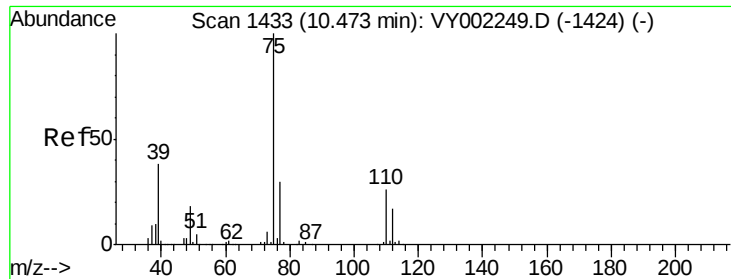
91 173.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





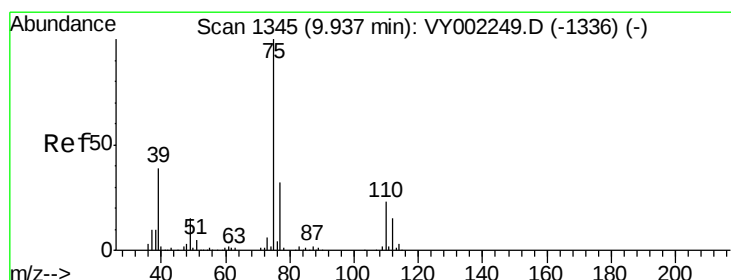
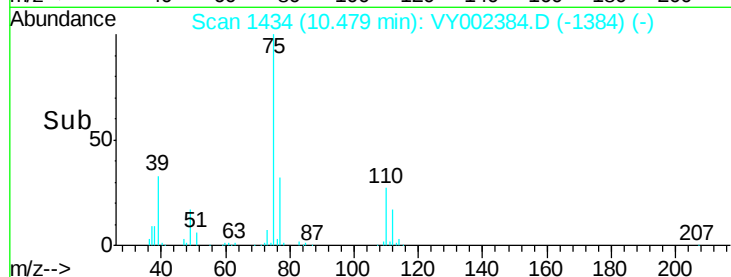
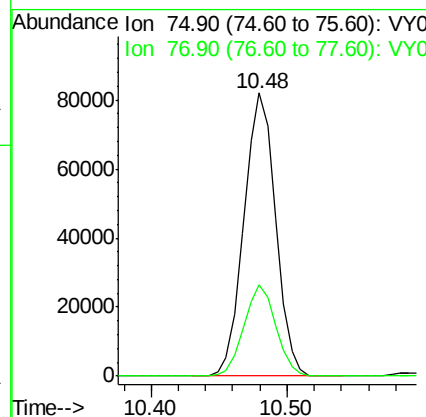
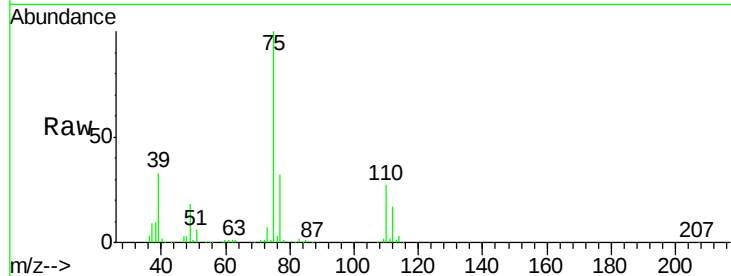
#53
t-1,3-Dichloropropene
Concen: 50.913 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 133730
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.2

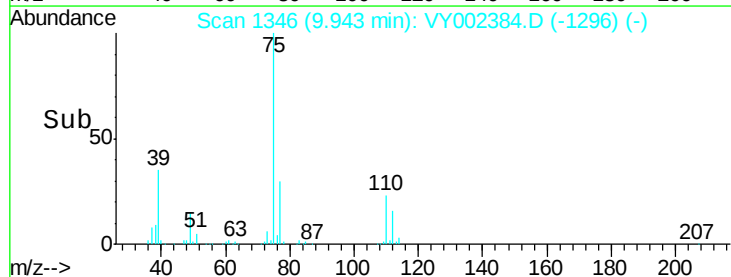
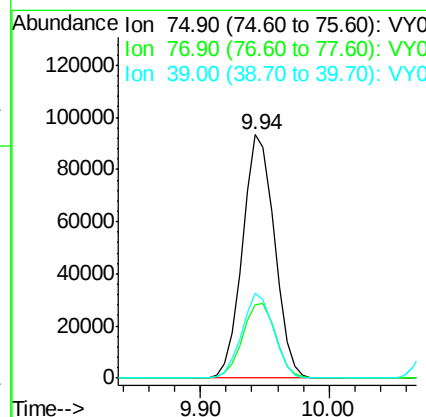
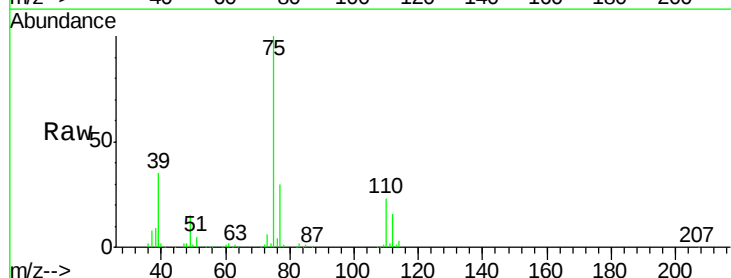
Manual Integrations
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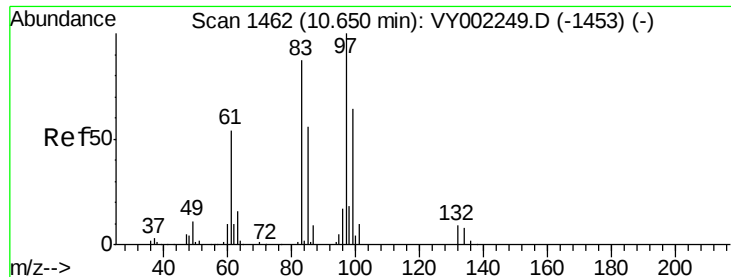
MMDadoda
4/17/2020 11:52:27 AM



#54
cis-1,3-Dichloropropene
Concen: 50.667 ug/l
RT: 9.94 min Scan# 1346
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 75 Resp: 159999
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8
39 35.0 30.8 46.2





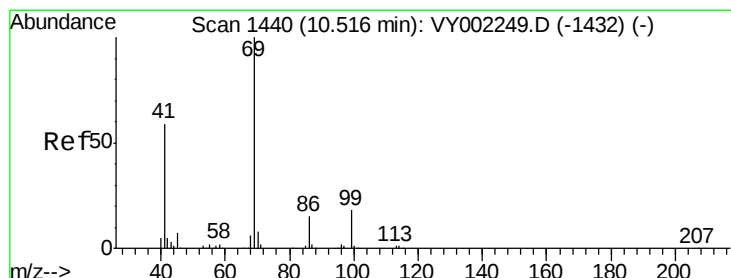
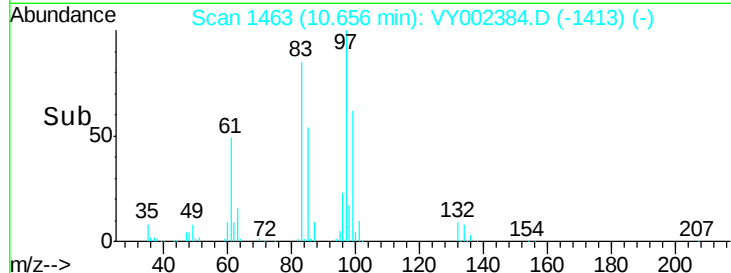
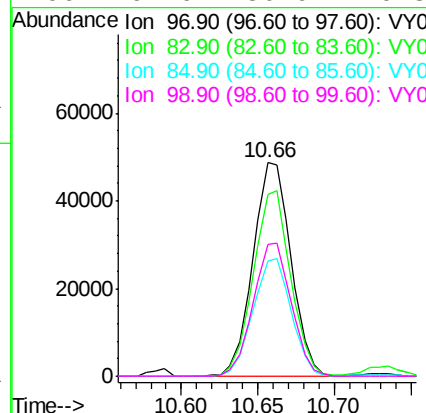
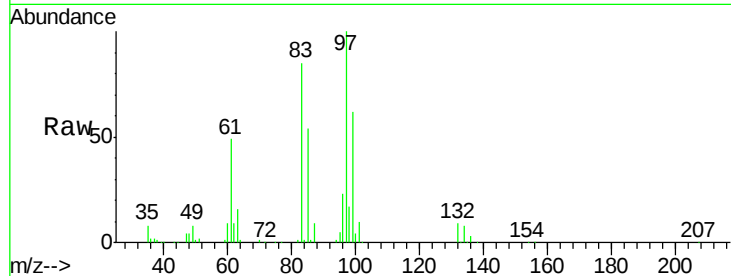
#55
 1,1,2-Trichloroethane
 Concen: 54.895 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.5	104.3
85	53.9	45.2	67.8
99	61.6	50.9	76.3

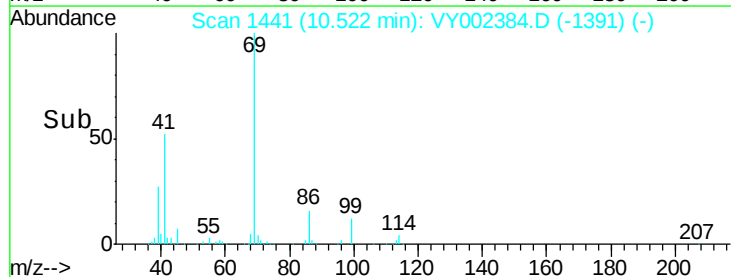
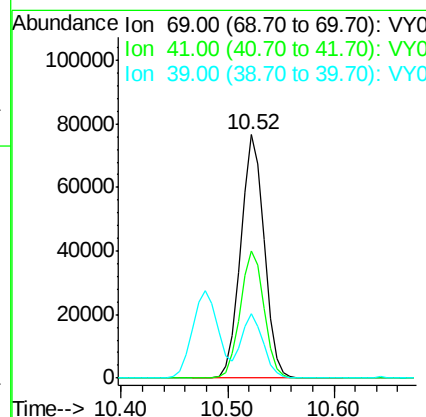
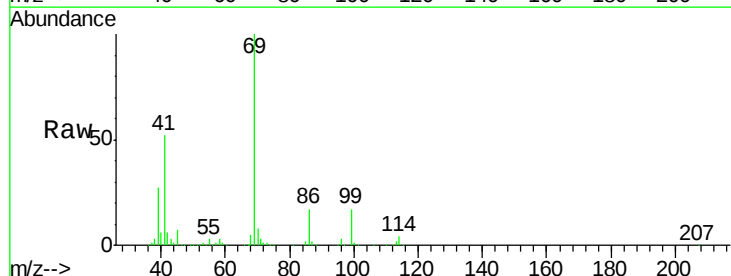
Manual Integrations
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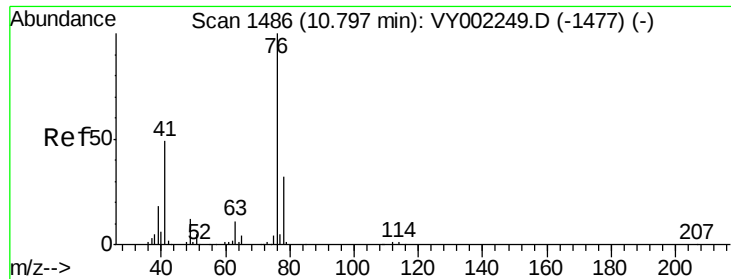
MMDadoda
 4/17/2020 11:52:27 AM



#56
 Ethyl methacrylate
 Concen: 54.096 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	52.6	47.9	71.9
39	24.6	23.8	35.6





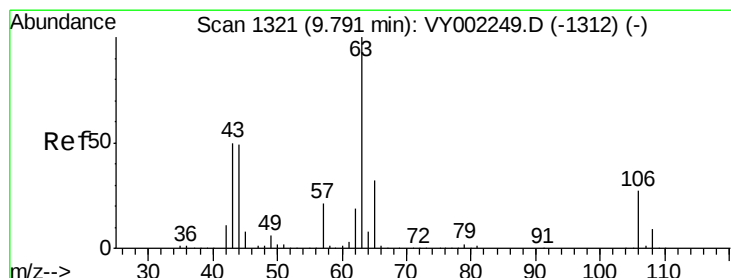
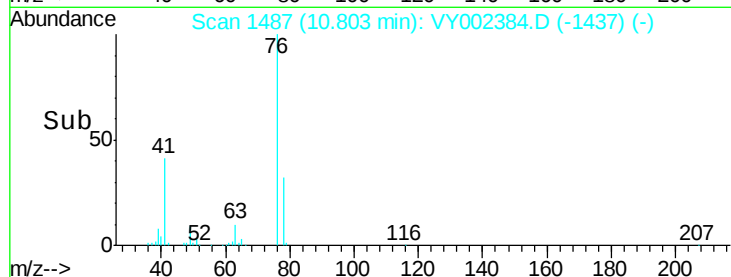
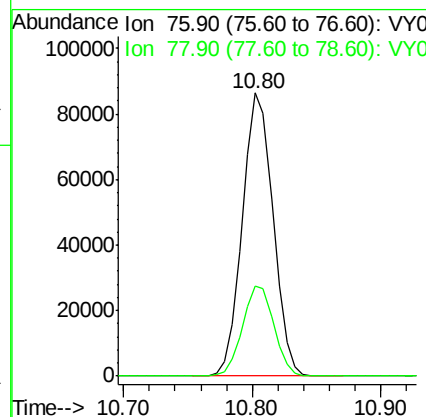
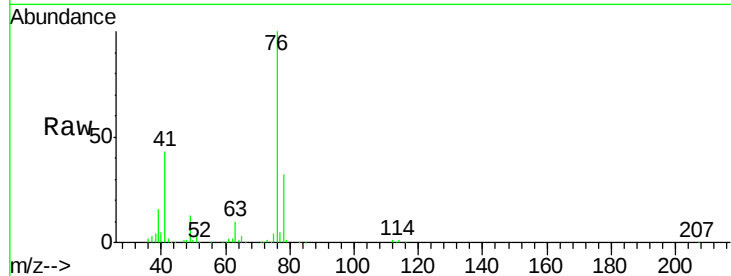
#57
 1,3-Dichloropropane
 Concen: 52.715 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

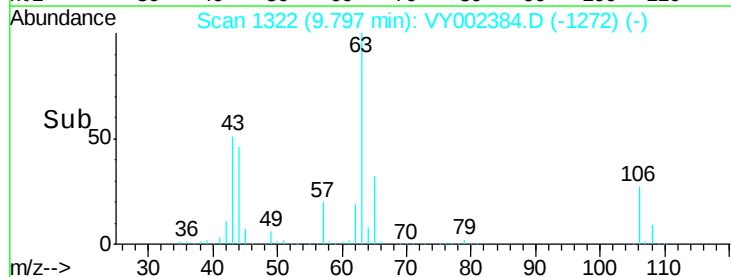
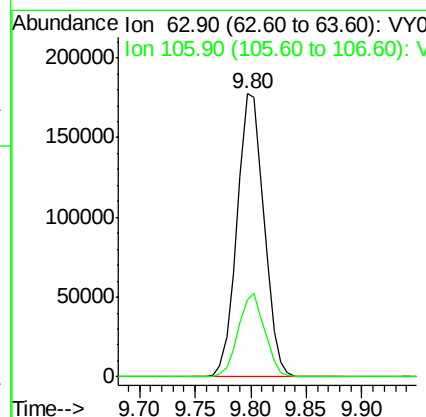
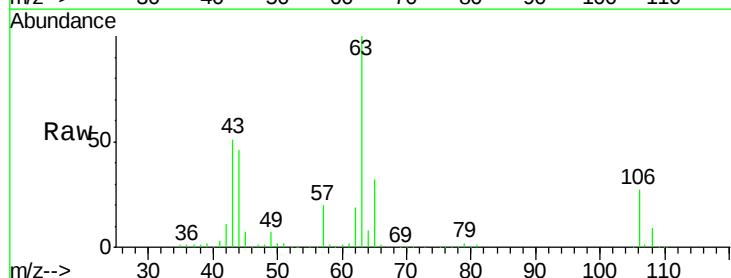
Manual Integrations
 APPROVED

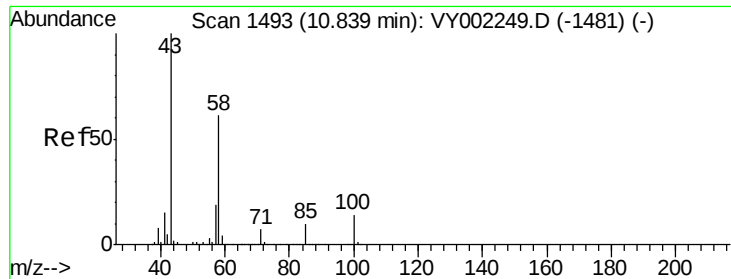
MMDadoda
 4/17/2020 11:52:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.253 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.2





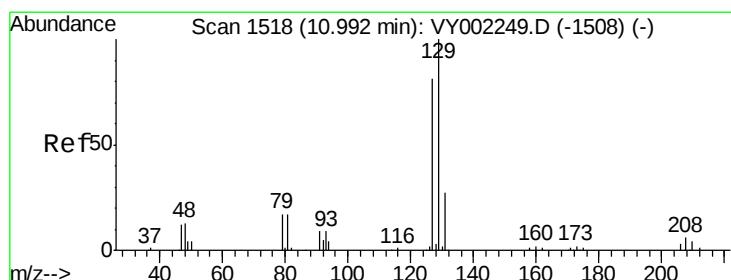
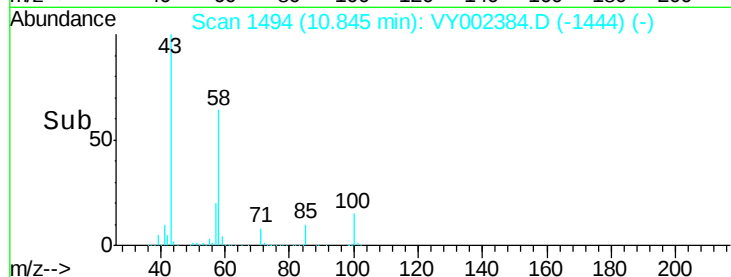
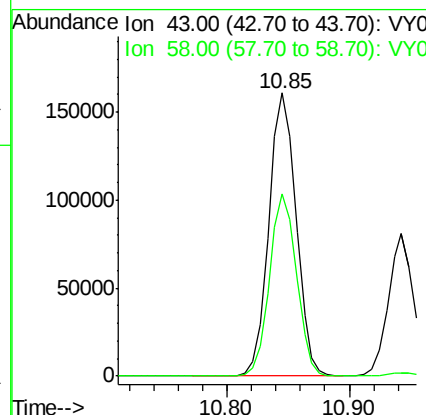
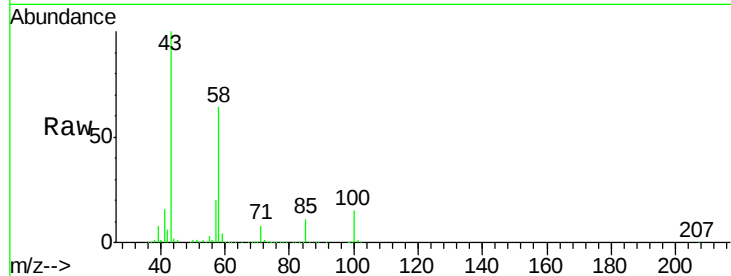
#59
2-Hexanone
Concen: 248.645 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 250084
Ion Ratio Lower Upper
43 100
58 63.8 29.8 89.3

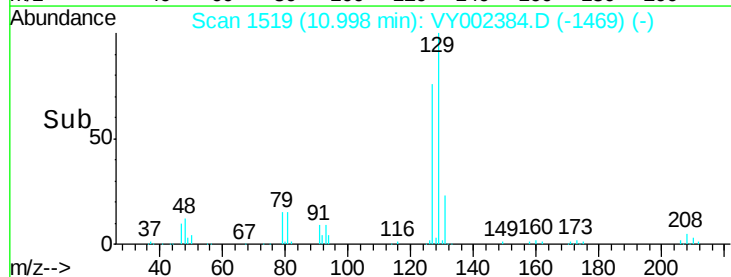
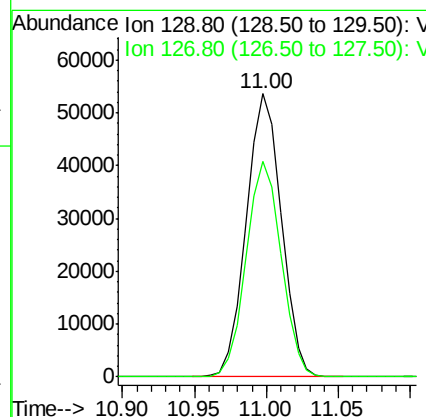
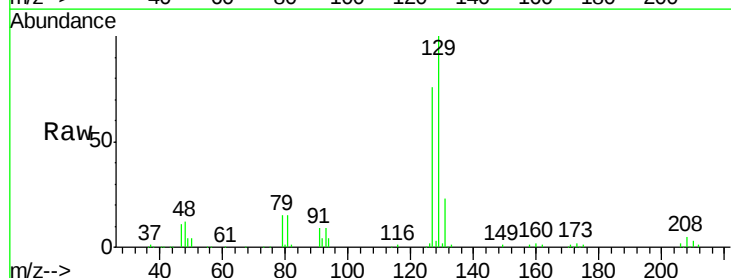
Manual Integrations
APPROVED

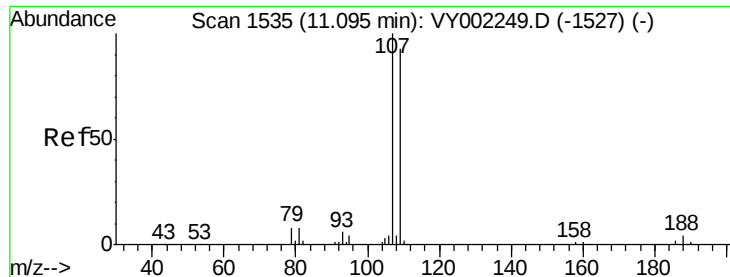
MMDadoda
4/17/2020 11:52:27 AM



#60
Dibromochloromethane
Concen: 55.024 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 129 Resp: 90250
Ion Ratio Lower Upper
129 100
127 76.0 39.0 117.0





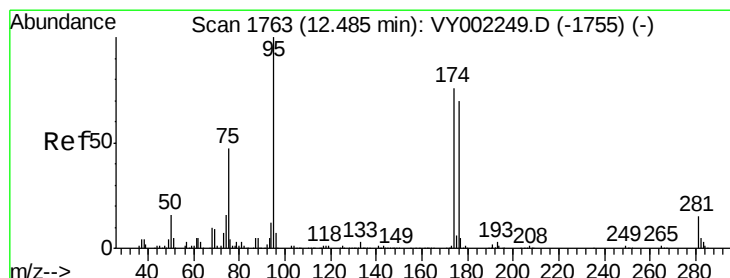
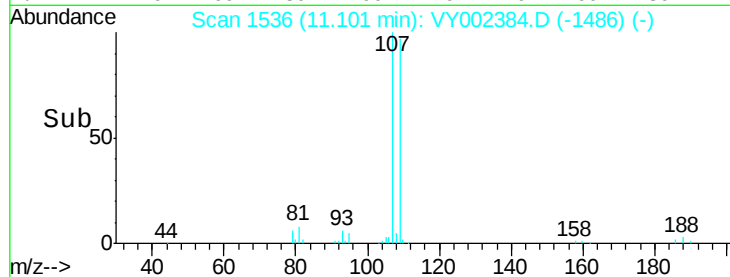
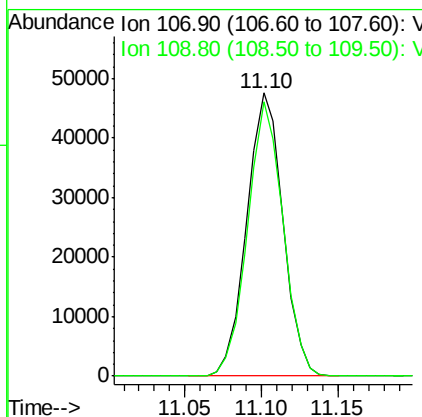
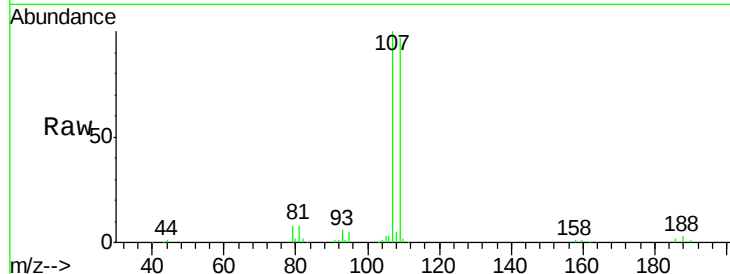
#61
 1,2-Dibromoethane
 Concen: 53.374 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 78160
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.6 113.4

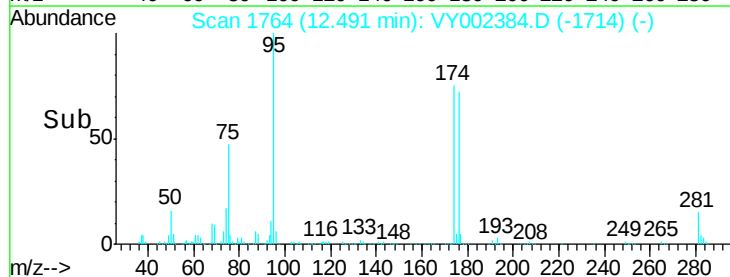
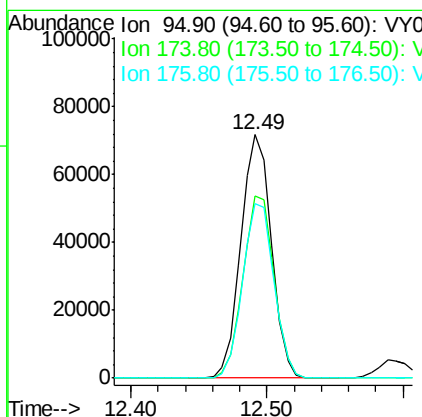
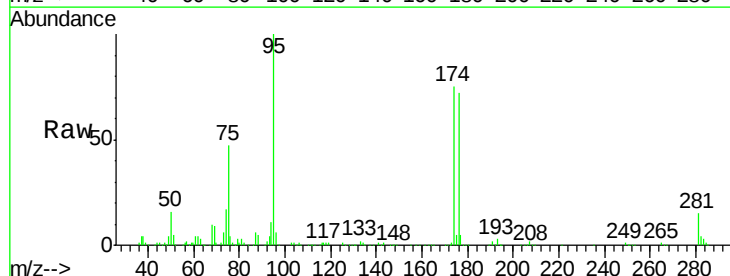
Manual Integrations
 APPROVED

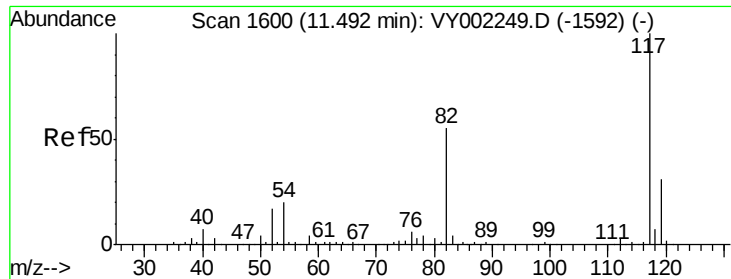
MMDadoda
 4/17/2020 11:52:27 AM



#62
 4-Bromofluorobenzene
 Concen: 50.431 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion: 95 Resp: 112296
 Ion Ratio Lower Upper
 95 100
 174 76.5 0.0 150.6
 176 73.9 0.0 141.4





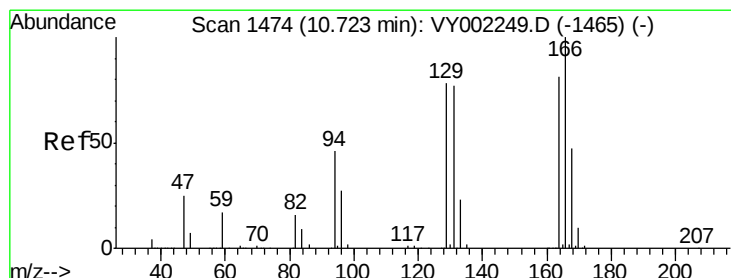
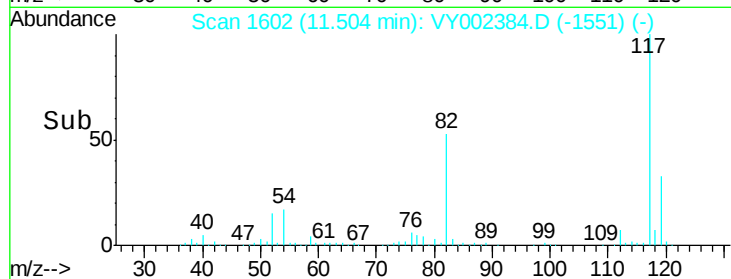
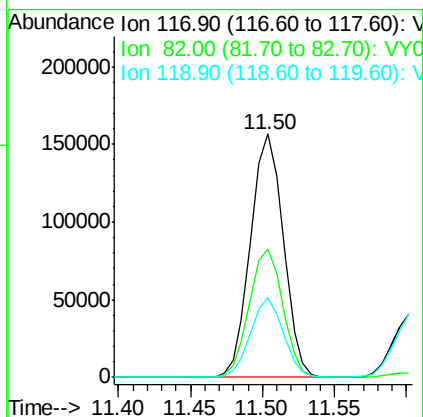
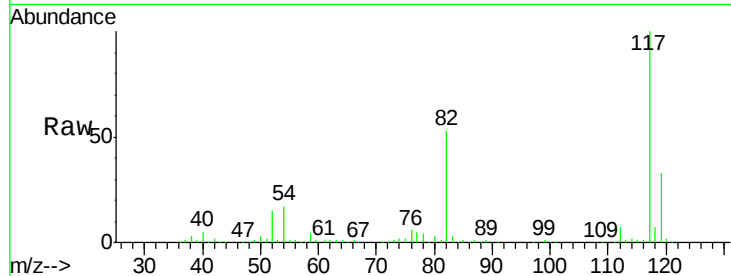
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.4
119	32.9	25.1	37.7

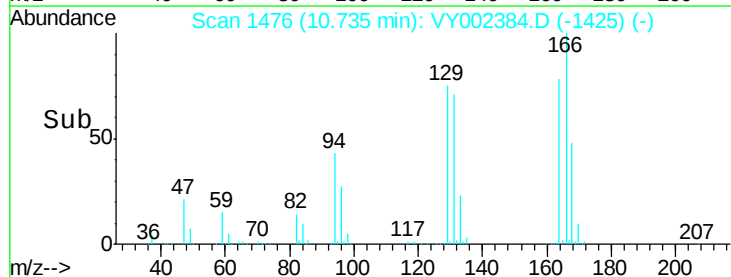
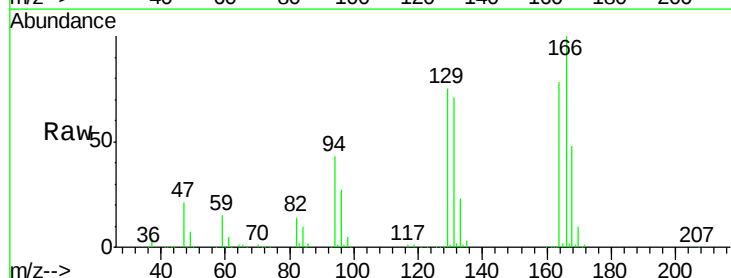
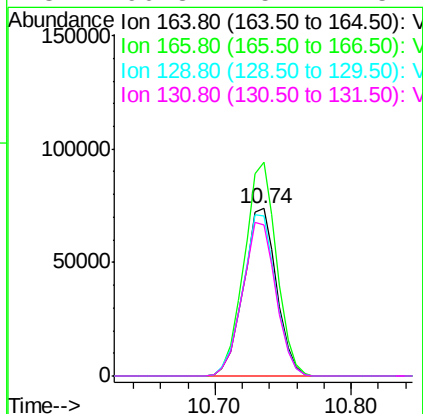
Manual Integrations
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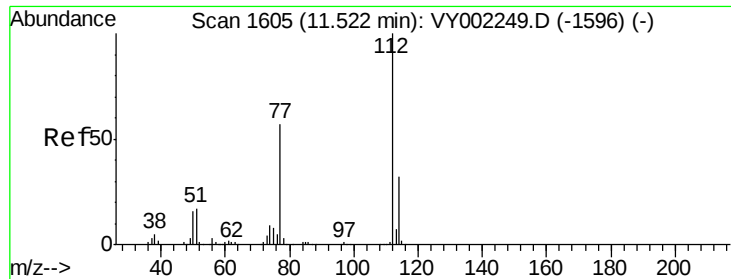
MMDadoda
4/17/2020 11:52:27 AM



#64
Tetrachloroethene
Concen: 49.848 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.6	98.4	147.6
129	95.3	76.6	115.0
131	90.3	75.4	113.2





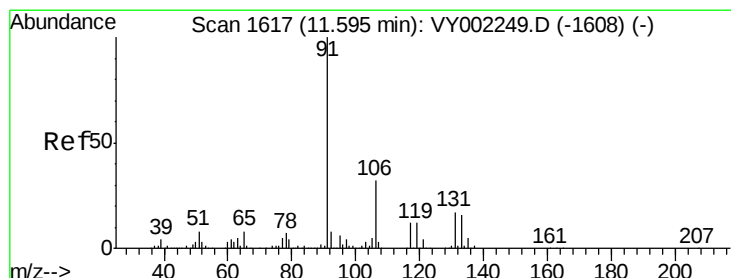
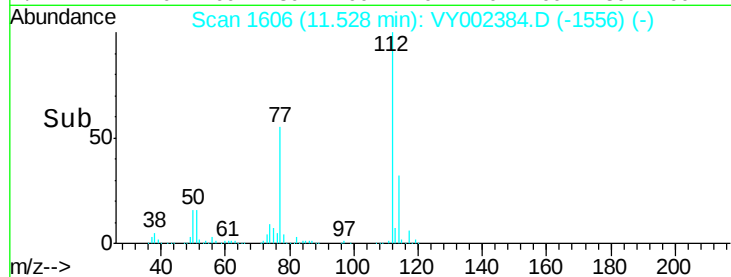
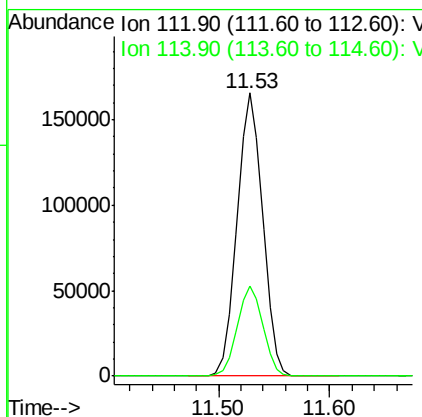
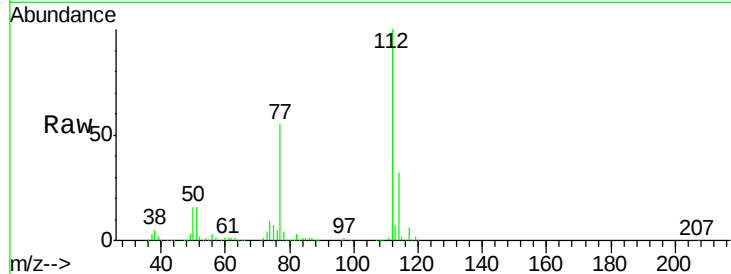
#65
Chlorobenzene
Concen: 51.238 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 263596
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

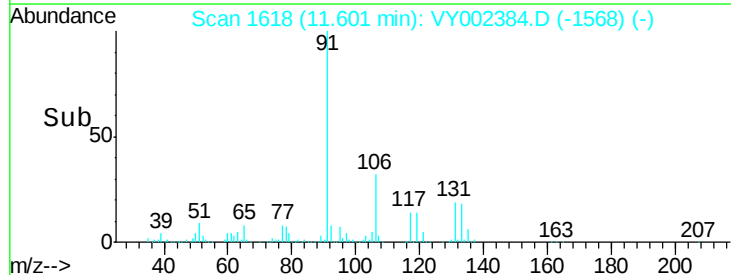
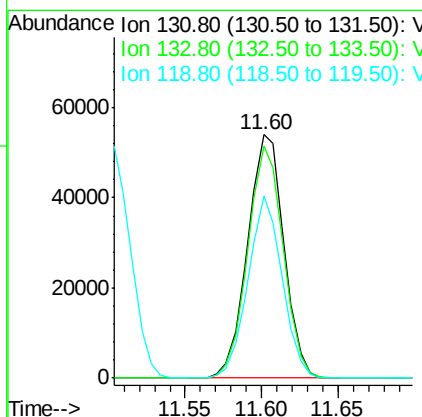
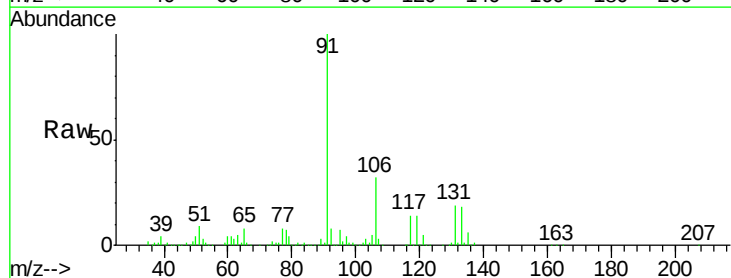
Manual Integrations
APPROVED

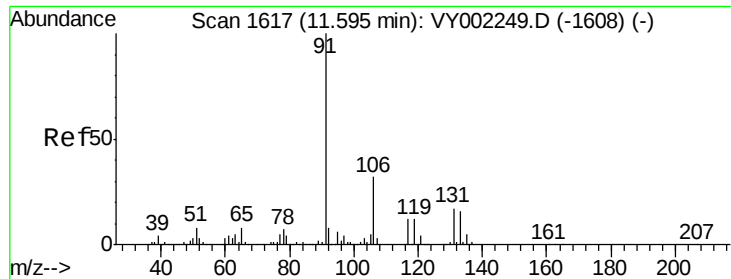
MMDadoda
4/17/2020 11:52:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.493 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion:131 Resp: 89161
Ion Ratio Lower Upper
131 100
133 93.2 46.5 139.3
119 70.5 34.5 103.6





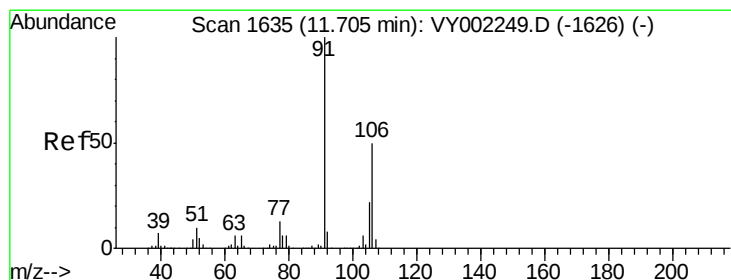
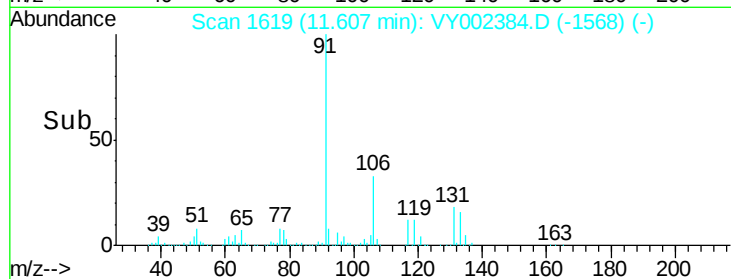
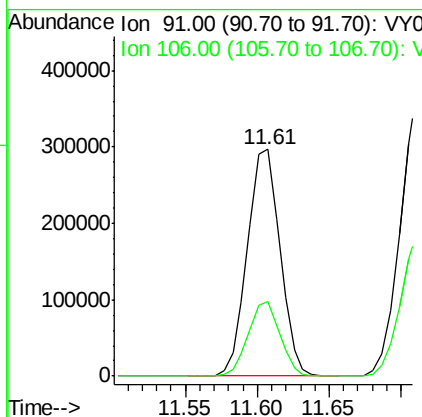
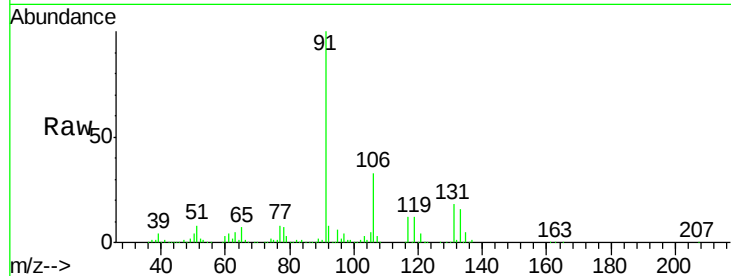
#67
Ethyl Benzene
Concen: 49.482 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 466026
Ion Ratio Lower Upper
91 100
106 32.8 25.4 38.0

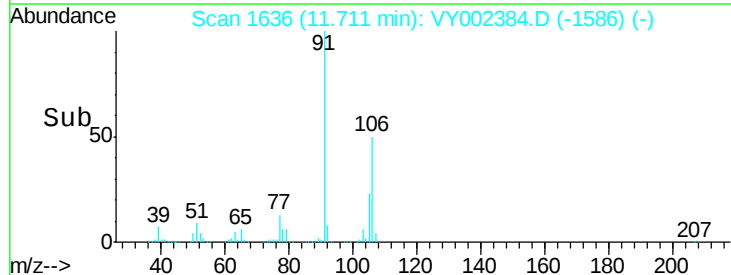
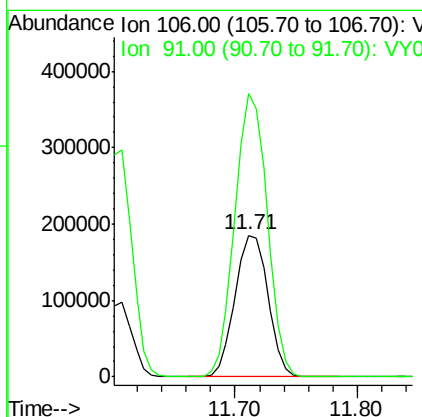
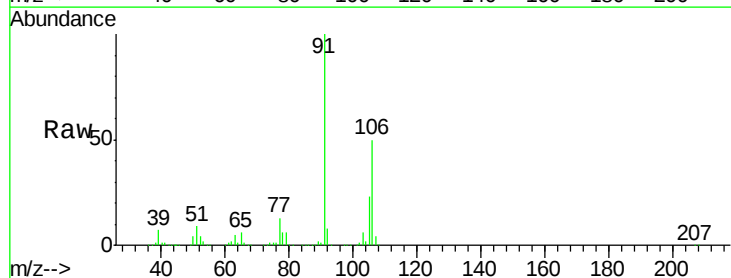
Manual Integrations
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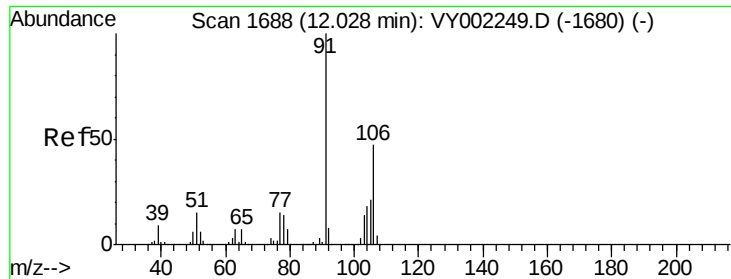
MMDadoda
4/17/2020 11:52:27 AM



#68
m/p-Xylenes
Concen: 98.797 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion: 106 Resp: 348503
Ion Ratio Lower Upper
106 100
91 195.9 159.8 239.6





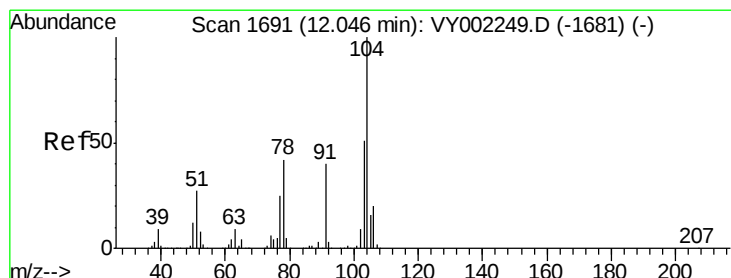
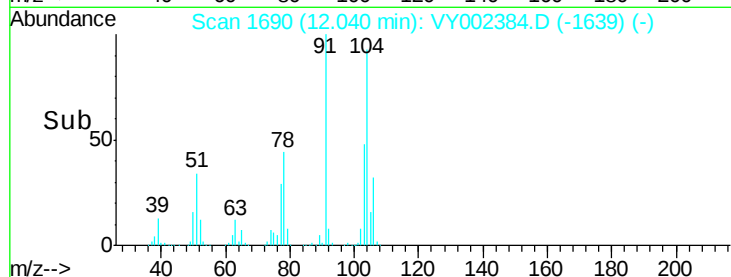
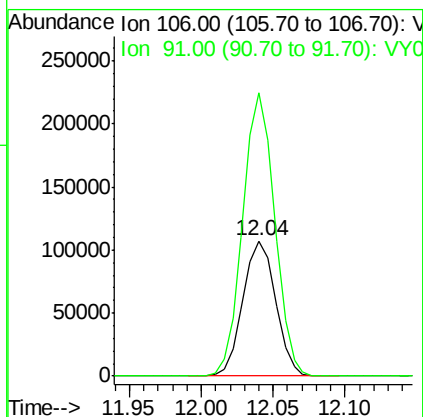
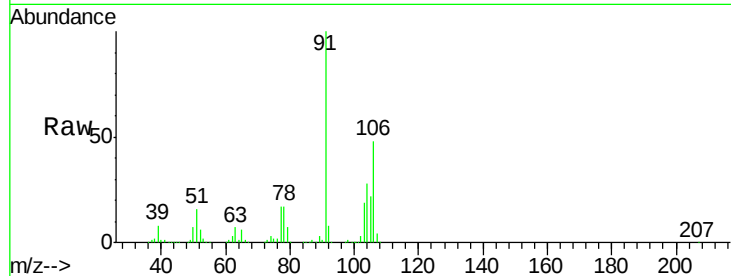
#69
o-Xylene
Concen: 50.809 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	205.1	105.8	317.3		

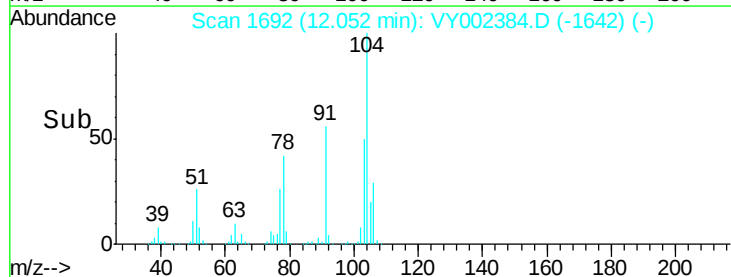
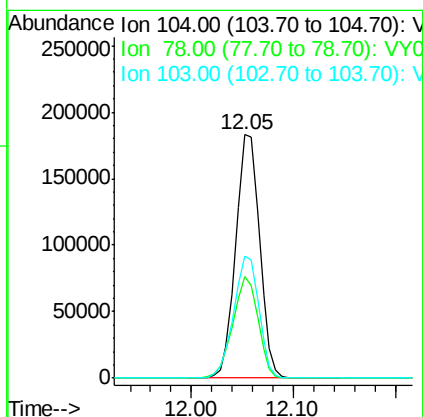
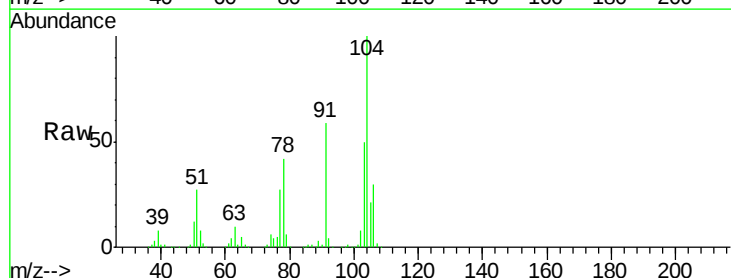
Manual Integrations
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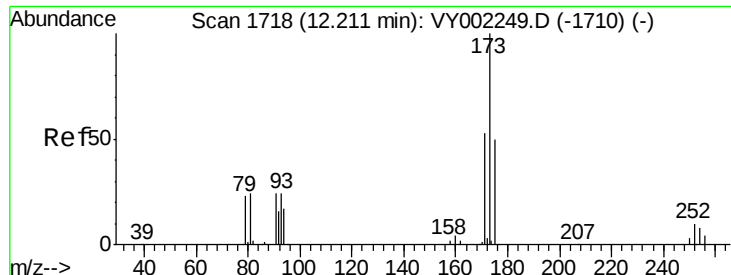
MMDadoda
4/17/2020 11:52:27 AM



#70
Styrene
Concen: 51.337 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	44.0	37.2	55.8		
103	53.2	43.4	65.0		





#71

Bromoform

Concen: 55.398 ug/l

RT: 12.22 min Scan# 1720

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 51170

Ion Ratio Lower Upper

173 100

175 46.6 24.1 72.3

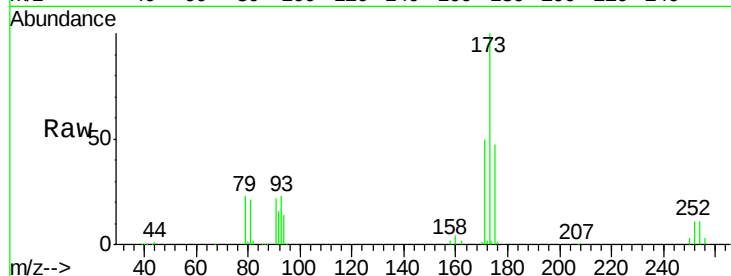
254 0.0 0.0 0.0

Manual Integrations

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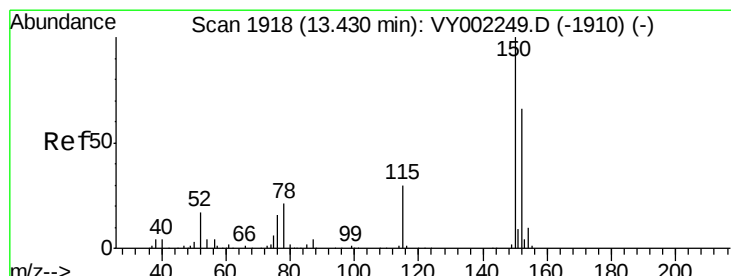
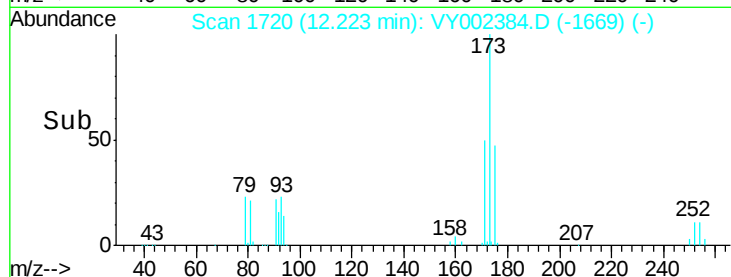
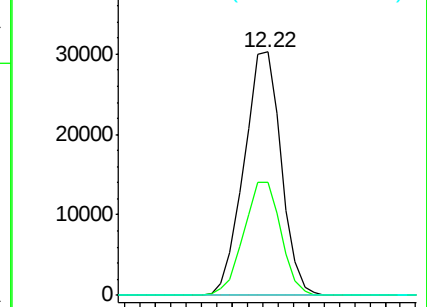
4/17/2020 11:52:27 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

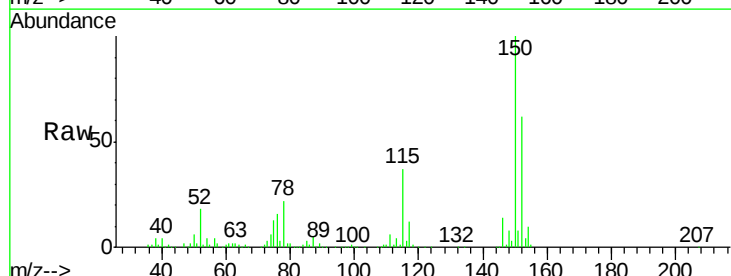
Tgt Ion:152 Resp: 112328

Ion Ratio Lower Upper

152 100

115 58.8 30.7 92.1

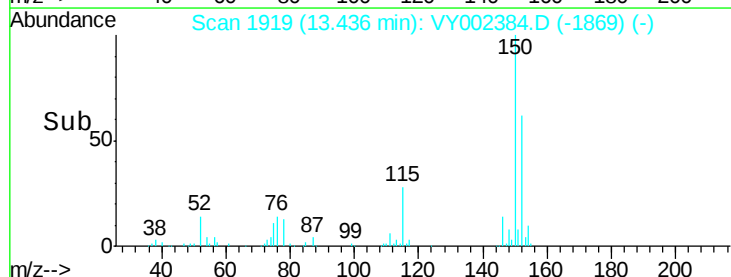
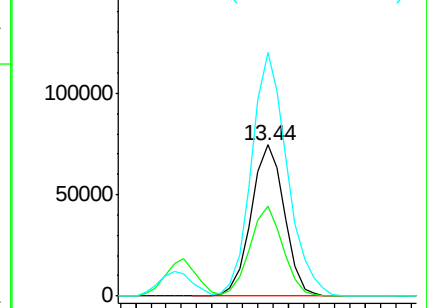
150 174.1 0.0 350.6

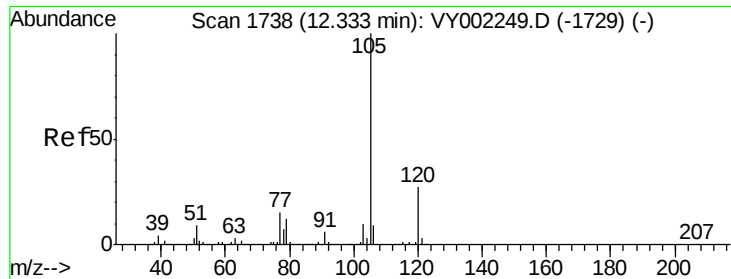


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





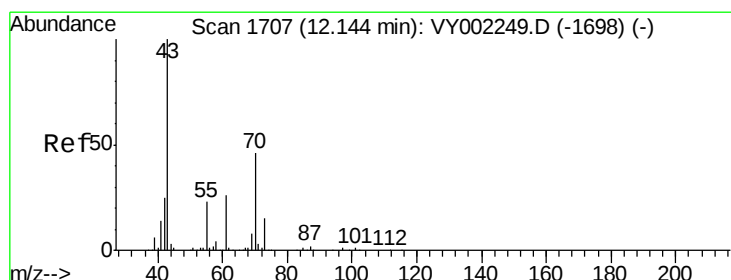
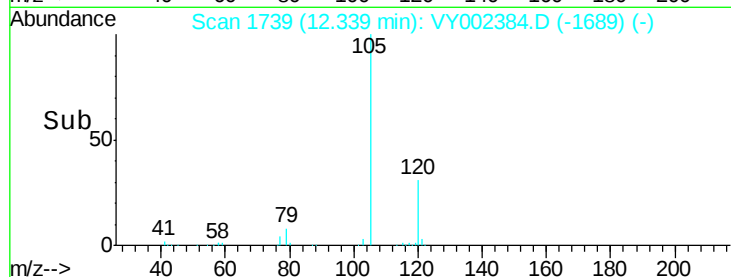
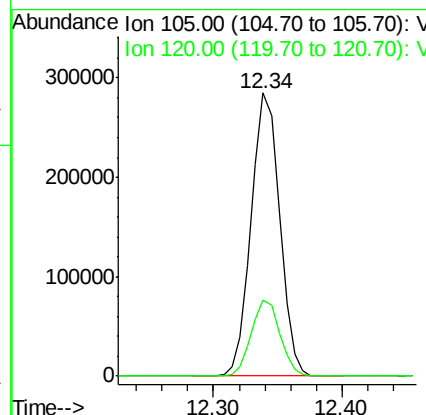
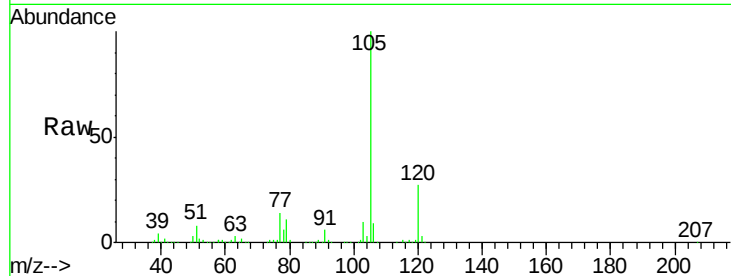
#73
Isopropylbenzene
Concen: 49.176 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.3	39.8

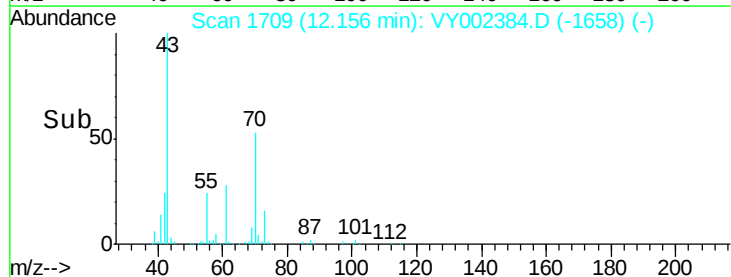
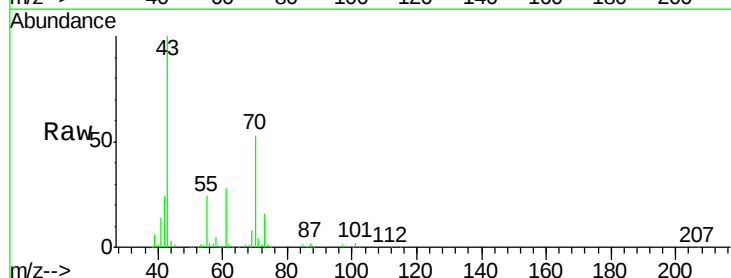
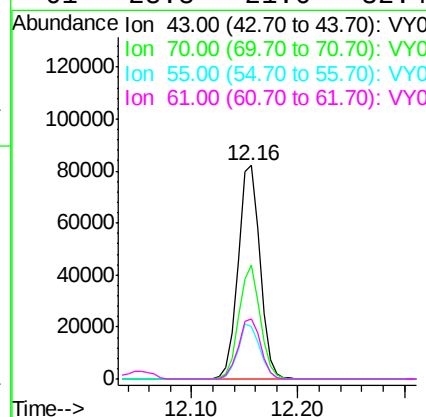
Manual Integrations
APPROVED

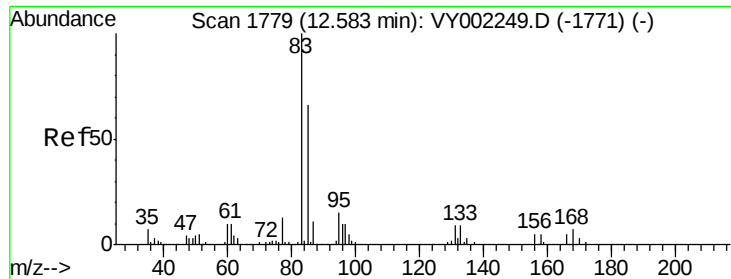
MMDadoda
4/17/2020 11:52:27 AM



#74
N-ethyl acetate
Concen: 47.654 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
43	100		
70	51.4	37.5	56.3
55	25.7	19.0	28.6
61	28.8	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.308 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

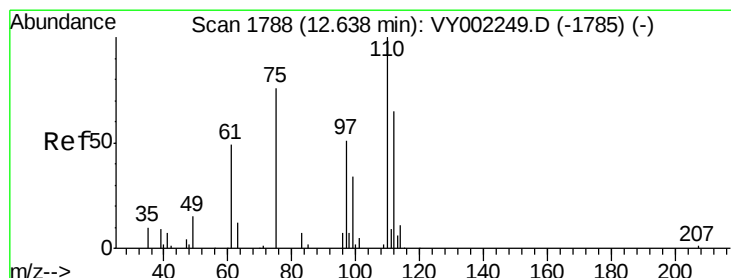
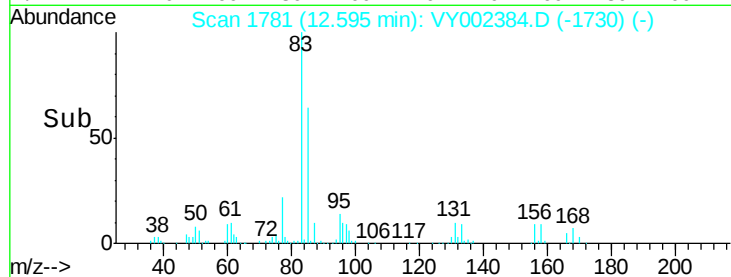
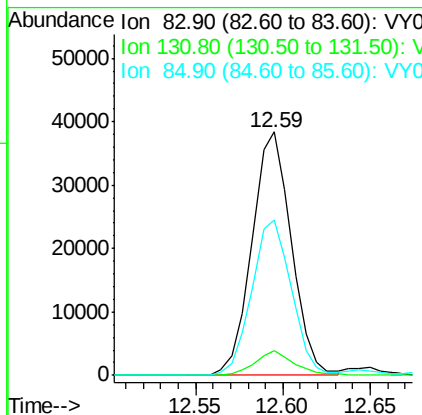
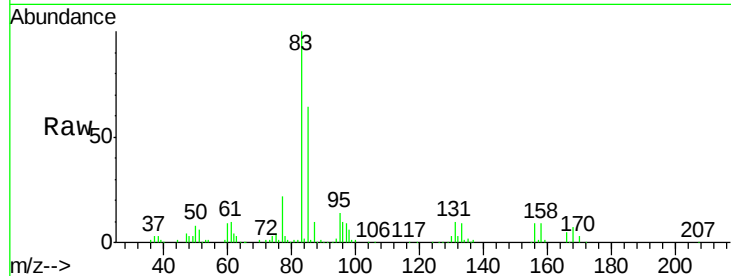
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	60118
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.5	32.6	97.8

Manual Integrations
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4/17/2020 11:52:27 AM



#76

1,2,3-Trichloropropane

Concen: 50.265 ug/l m

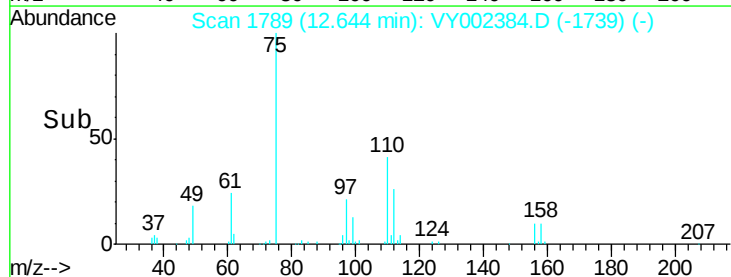
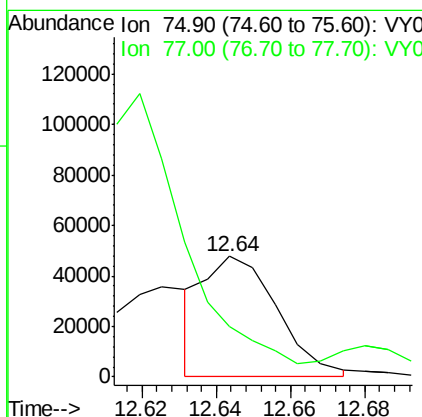
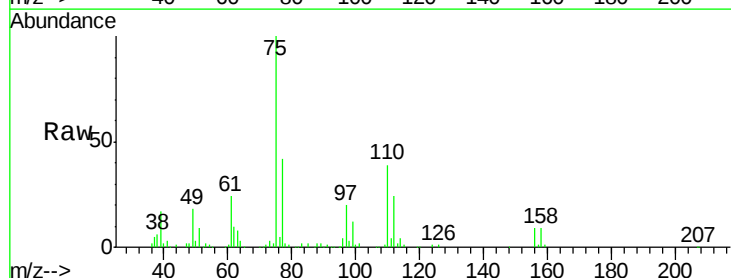
RT: 12.64 min Scan# 1789

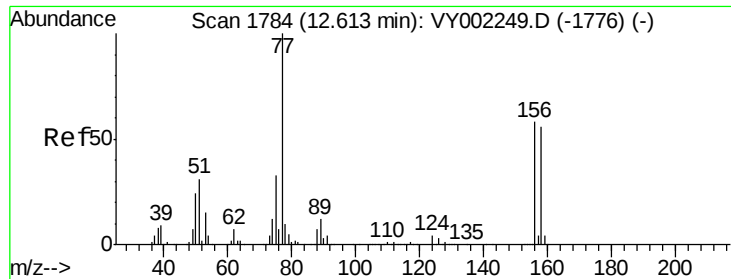
Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion:	75	Resp:	65565
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.314 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 99625

Ion Ratio Lower Upper

156 100

77 196.9 101.3 303.9

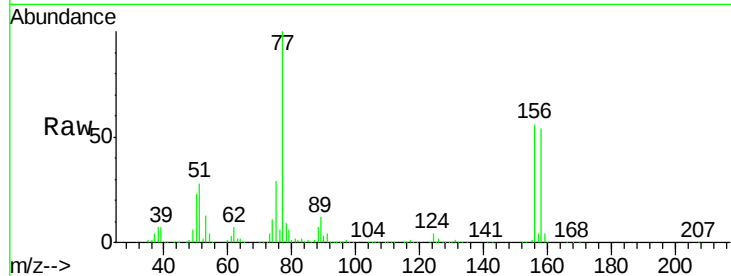
158 97.0 48.3 144.8

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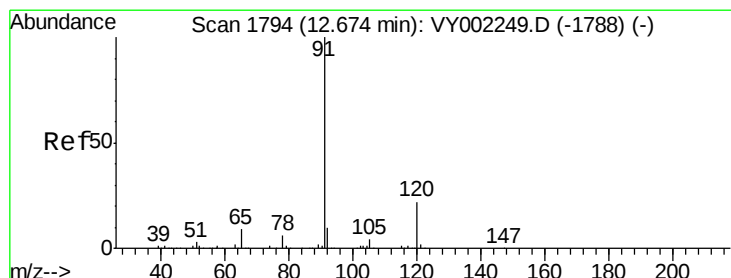
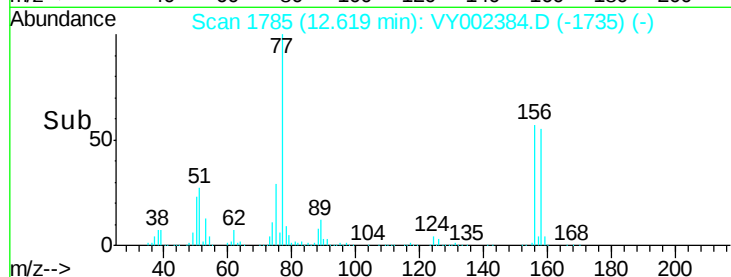
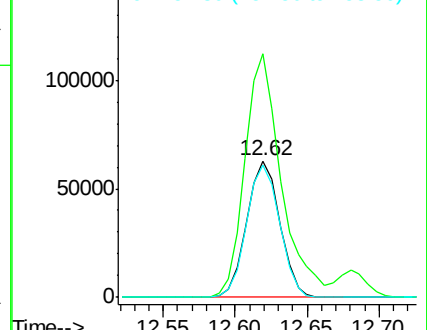
4/17/2020 11:52:27 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.895 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.01 min

Lab File: VY002384.D

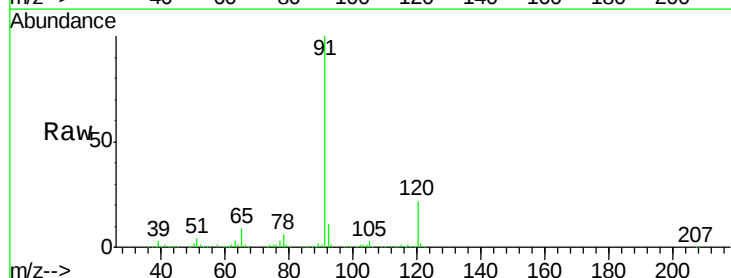
Acq: 16 Apr 2020 21:34

Tgt Ion: 91 Resp: 525653

Ion Ratio Lower Upper

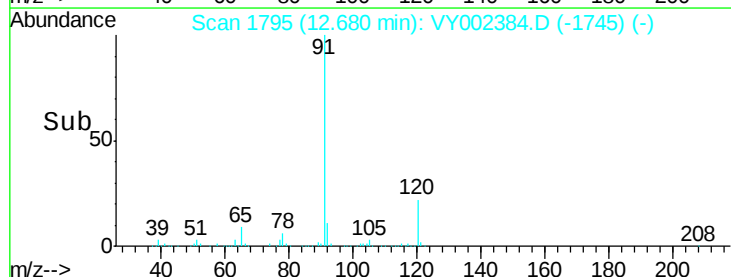
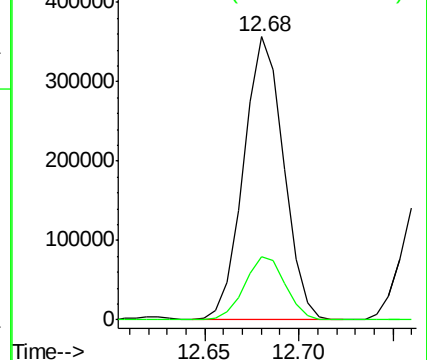
91 100

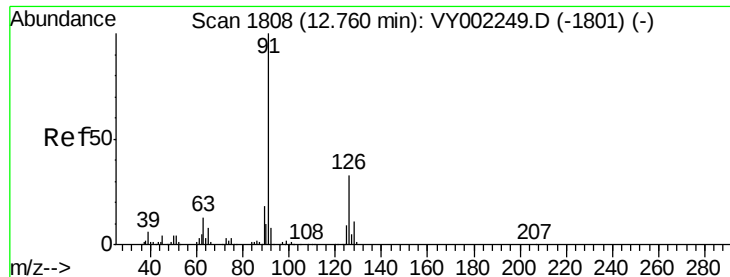
120 22.7 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.596 ug/l

RT: 12.77 min Scan# 1809

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 289850

Ion Ratio Lower Upper

91 100

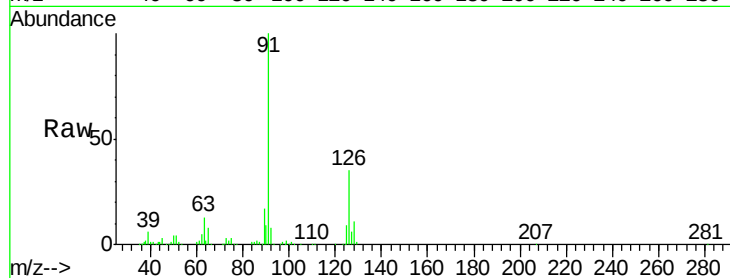
126 34.9 16.9 50.7

Manual Integrations

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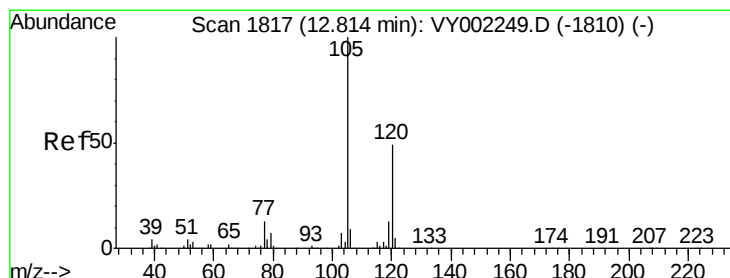
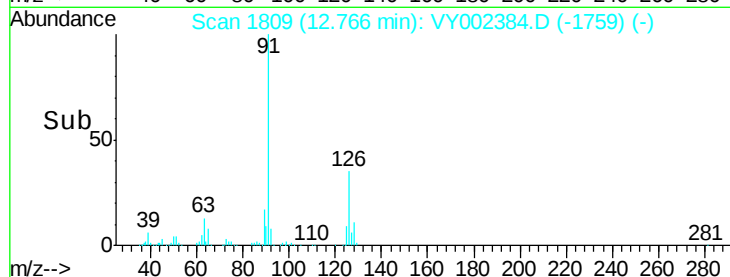
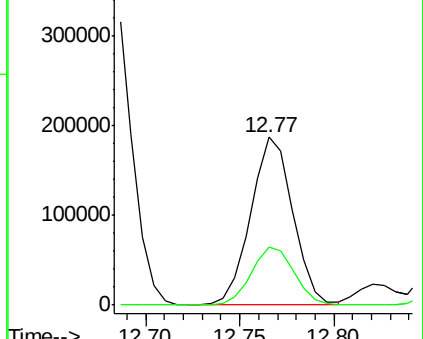
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Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY002249.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.692 ug/l

RT: 12.82 min Scan# 1818

Delta R.T. 0.01 min

Lab File: VY002384.D

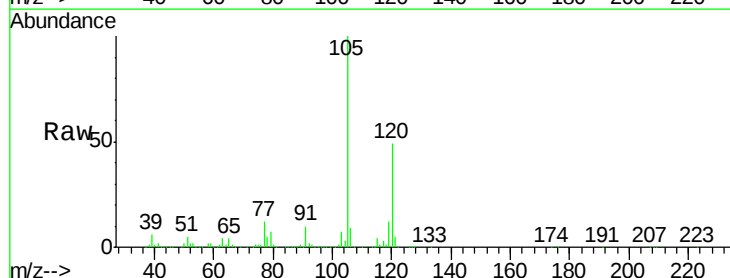
Acq: 16 Apr 2020 21:34

Tgt Ion: 105 Resp: 355362

Ion Ratio Lower Upper

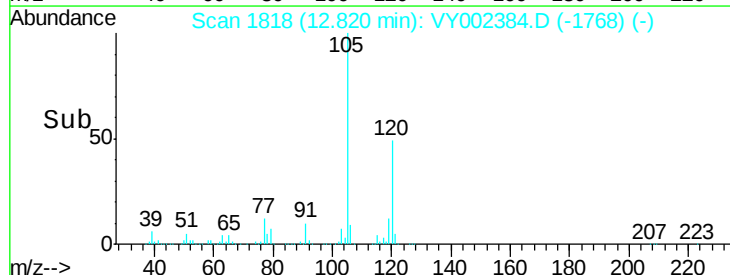
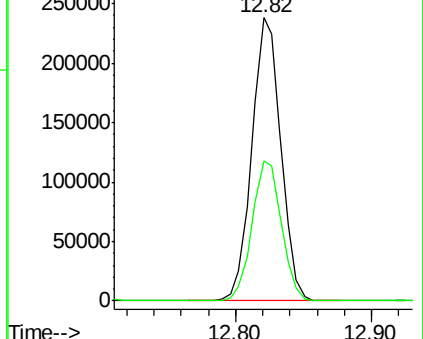
105 100

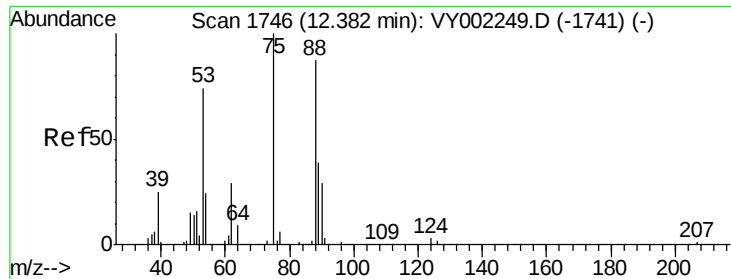
120 50.2 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VY002249.D (-1810) (-)

Ion 120.00 (119.70 to 120.70): VY002249.D (-1810) (-)





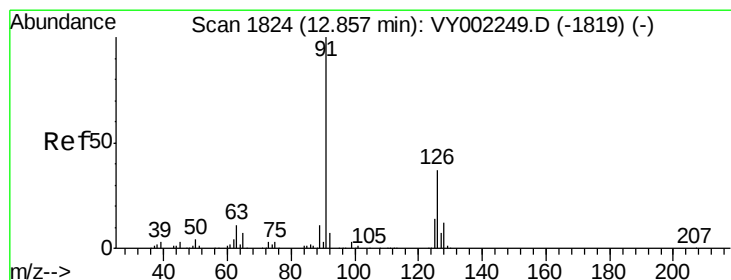
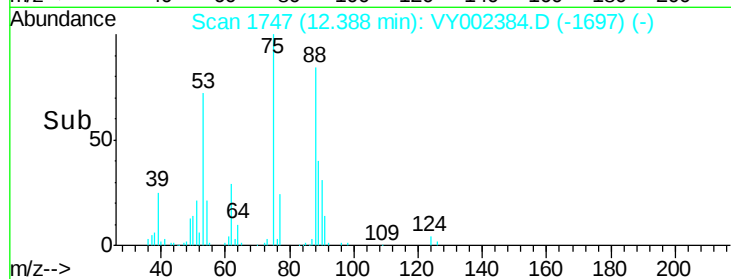
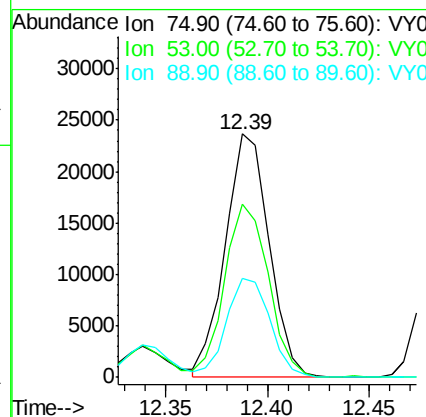
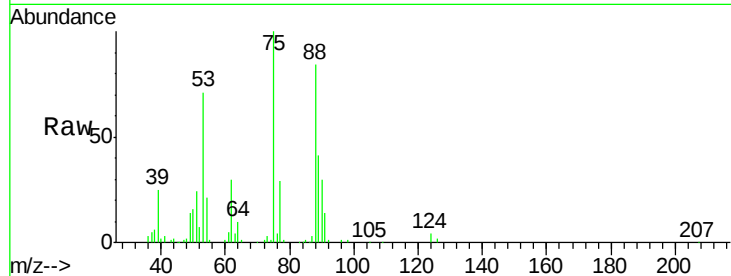
#81
trans-1,4-Dichloro-2-butene
Concen: 52.547 ug/l
RT: 12.39 min Scan# 1747
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	70.4	59.8	89.8
89	40.5	37.0	55.6

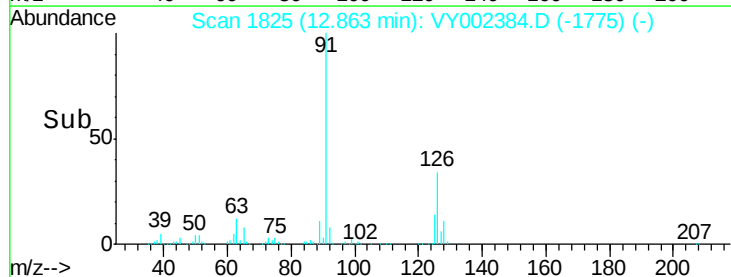
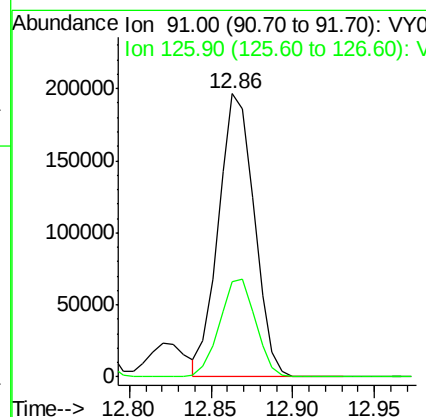
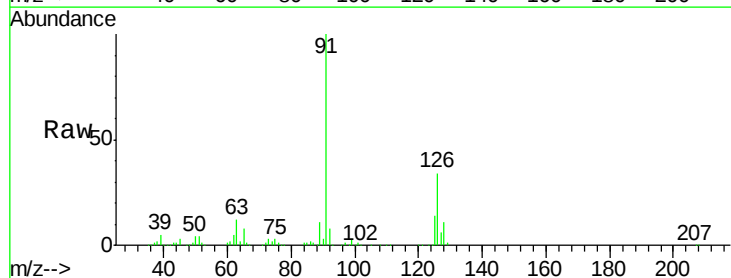
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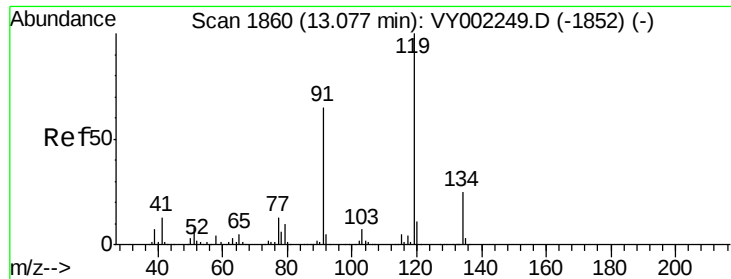
MMDadoda
4/17/2020 11:52:27 AM



#82
4-Chlorotoluene
Concen: 48.080 ug/l
RT: 12.86 min Scan# 1825
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.9	50.7





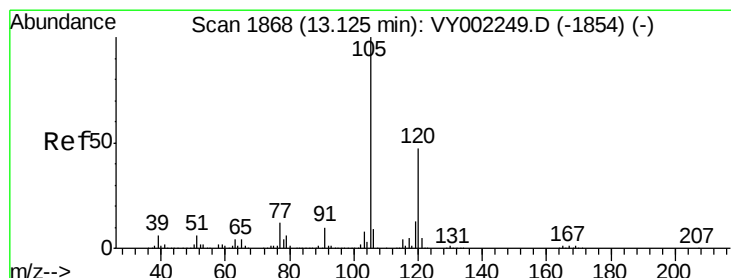
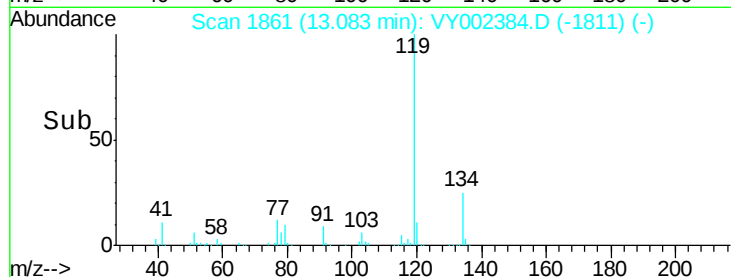
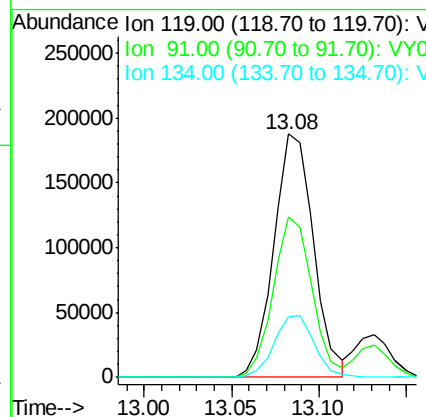
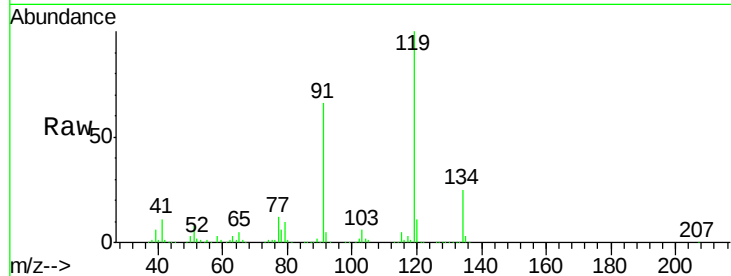
#83
 tert-Butylbenzene
 Concen: 48.616 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.4	32.4	97.0
134	25.8	12.6	37.6

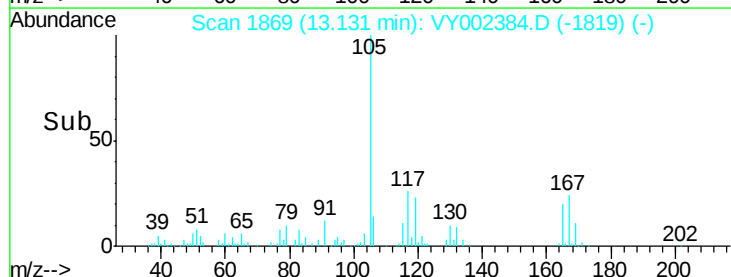
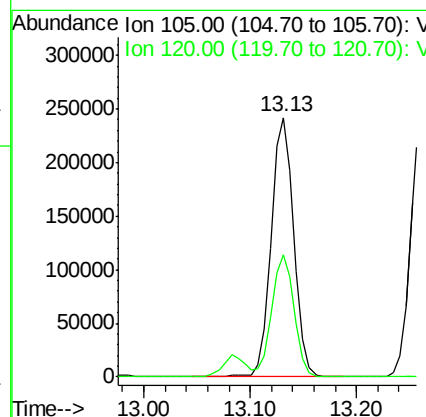
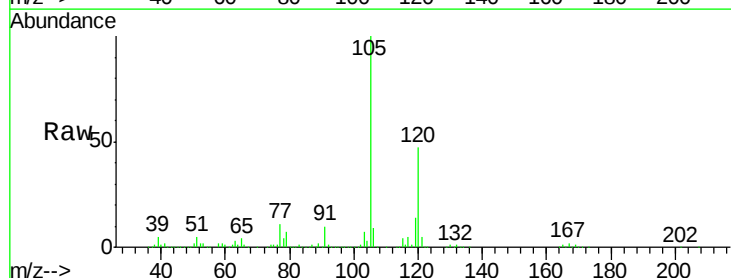
Manual Integrations
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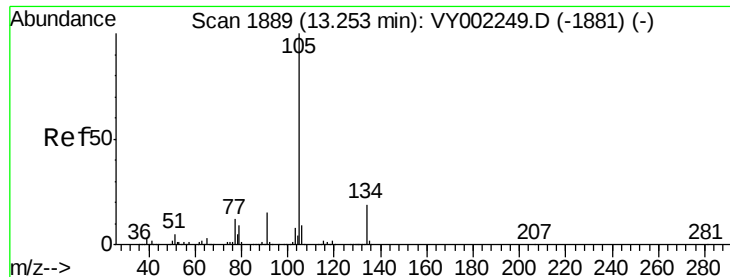
MMDadoda
 4/17/2020 11:52:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.140 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.1	69.2





#85

sec-Butylbenzene

Concen: 47.835 ug/l

RT: 13.27 min Scan# 1891

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 435620

Ion Ratio Lower Upper

105 100

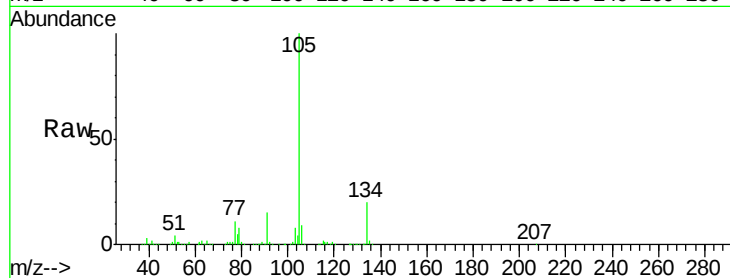
134 20.0 9.8 29.3

Manual Integrations

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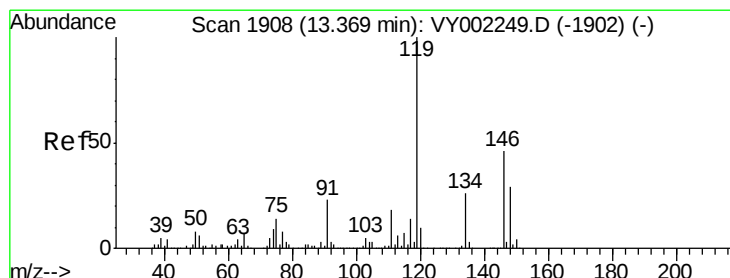
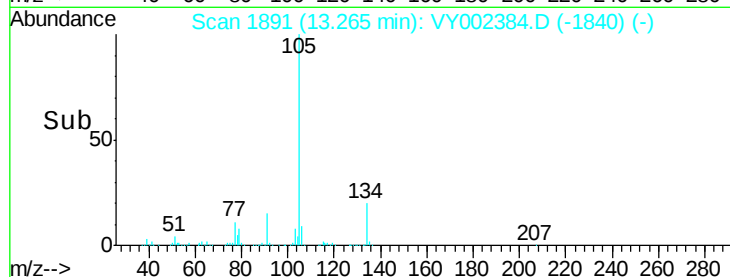
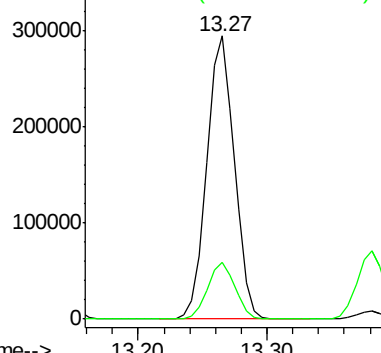
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.595 ug/l

RT: 13.38 min Scan# 1910

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

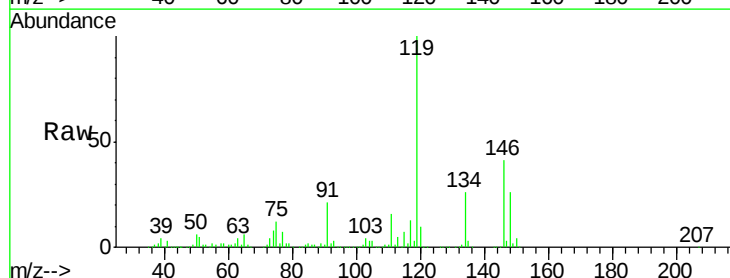
Tgt Ion:119 Resp: 380875

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

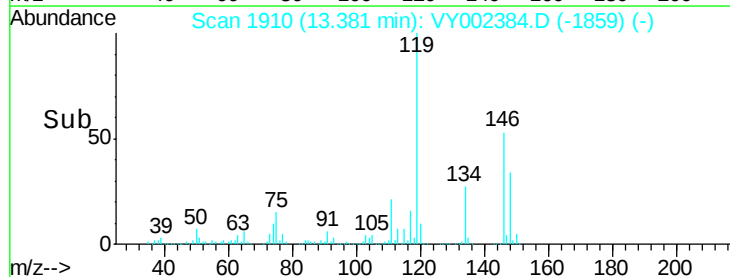
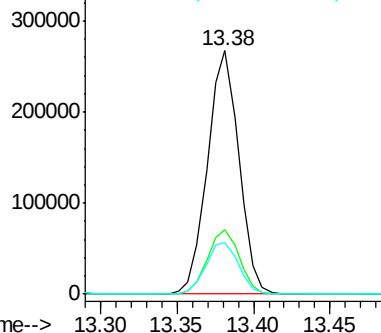
91 22.2 11.5 34.4

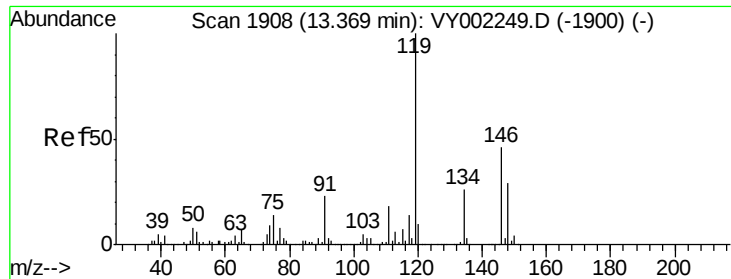


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





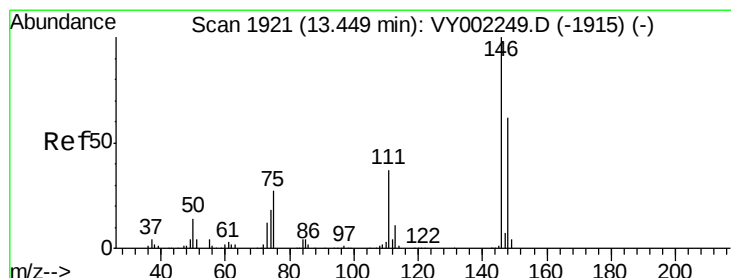
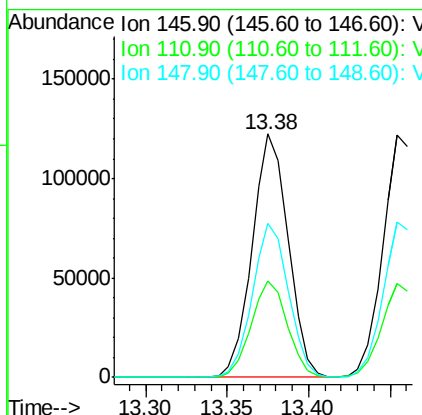
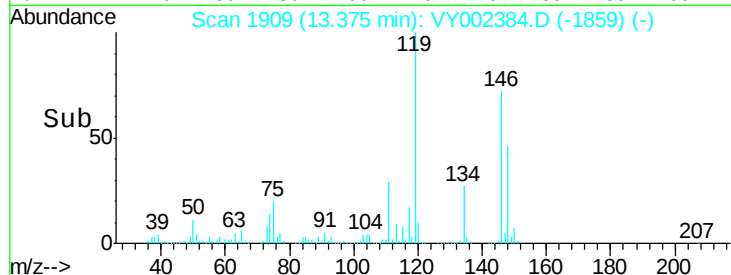
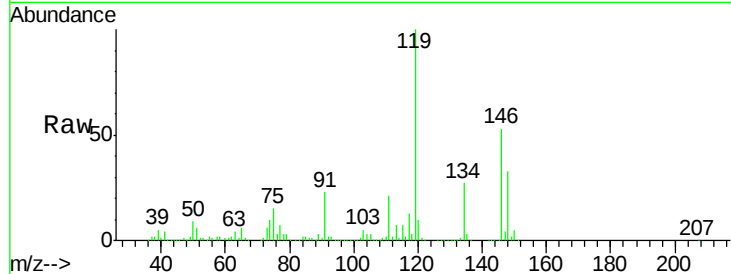
#87
 1,3-Dichlorobenzene
 Concen: 50.111 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.8
148	63.3	32.1	96.3

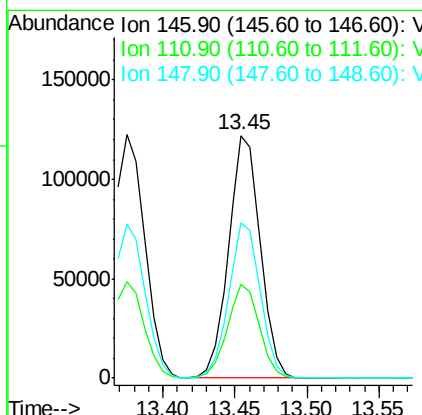
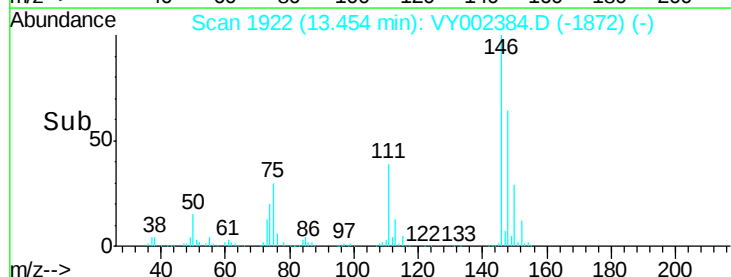
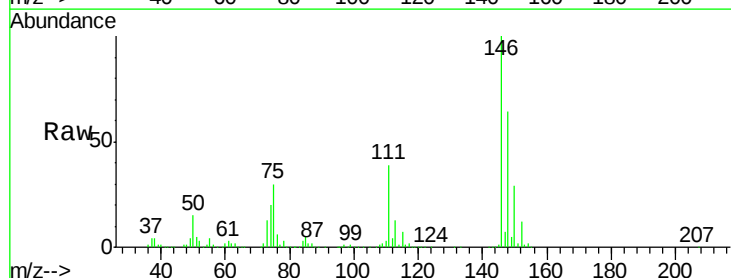
Manual Integrations
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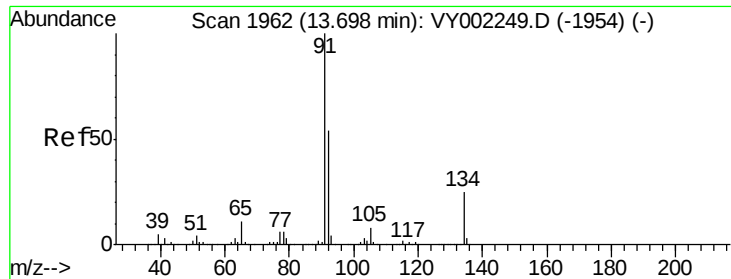
MMDadoda
 4/17/2020 11:52:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.200 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.6	32.0	96.0





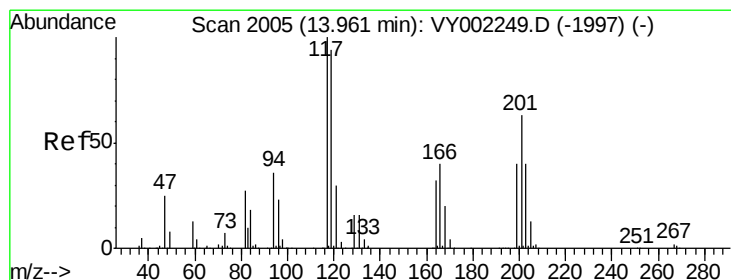
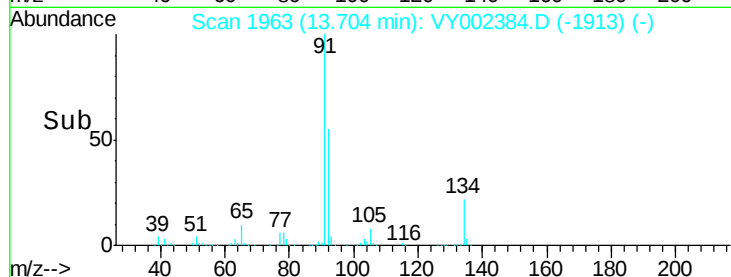
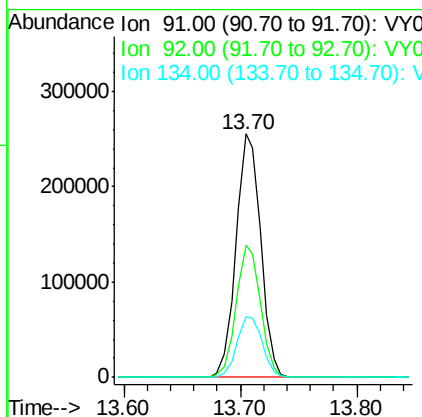
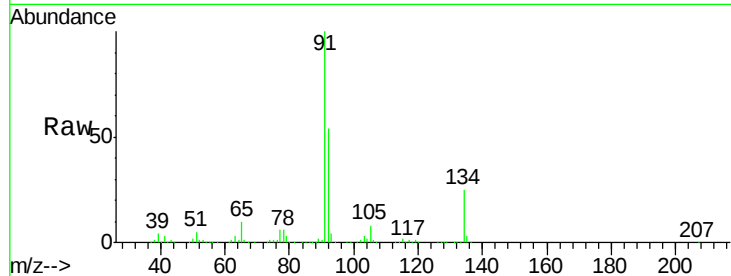
#89
n-Butylbenzene
Concen: 46.871 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	27.2	81.6	
134	25.5	12.7	38.0	

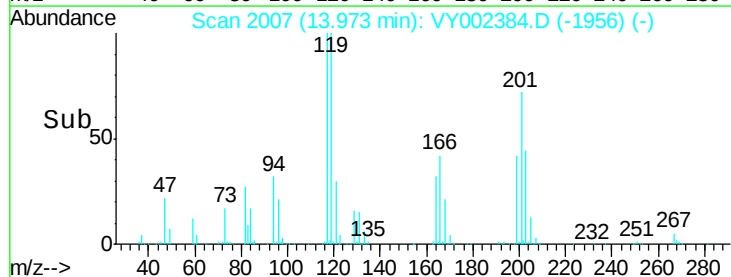
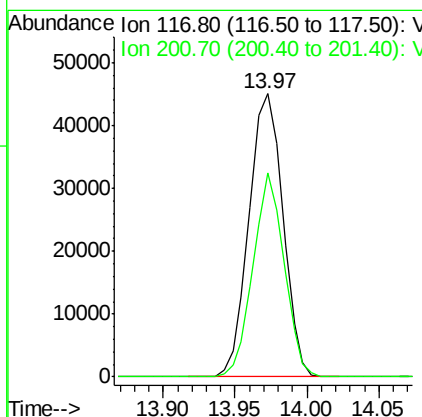
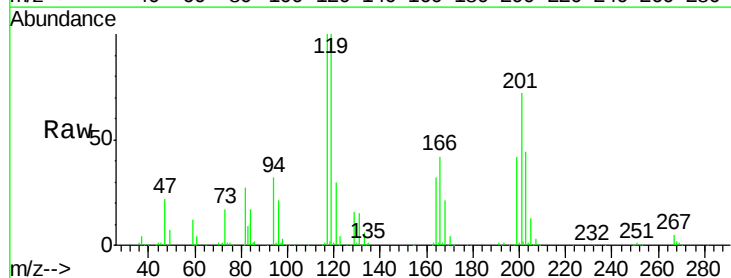
Manual Integrations
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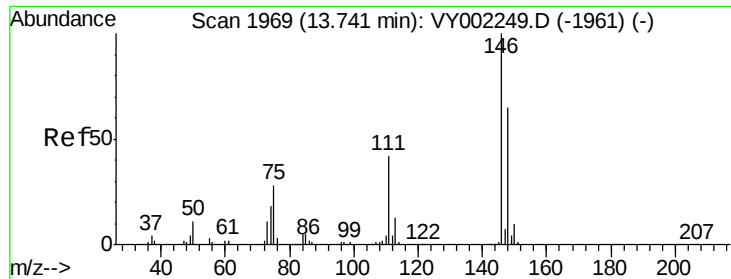
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#90
Hexachloroethane
Concen: 49.282 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.01 min
Lab File: VY002384.D
Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	65.7	33.1	99.2	





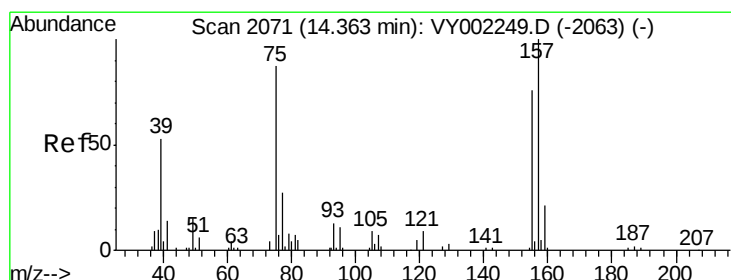
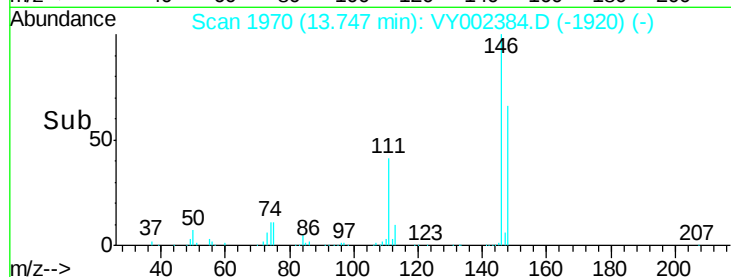
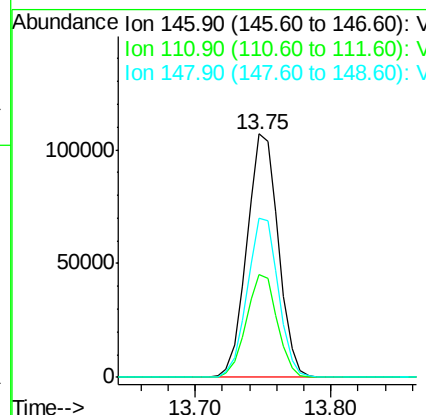
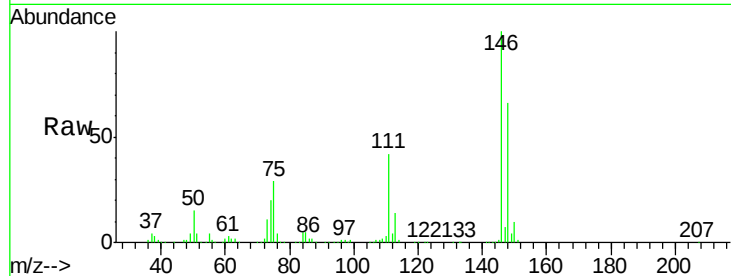
#91
 1,2-Dichlorobenzene
 Concen: 50.604 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.1	63.1
148	64.6	31.9	95.9

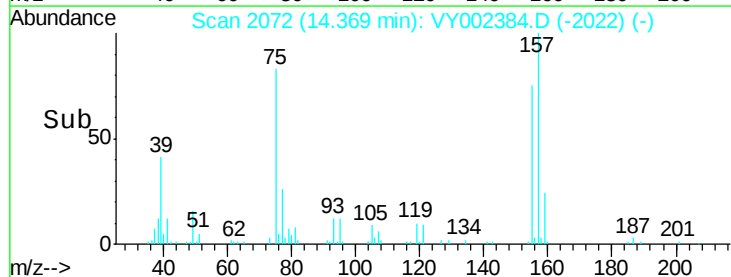
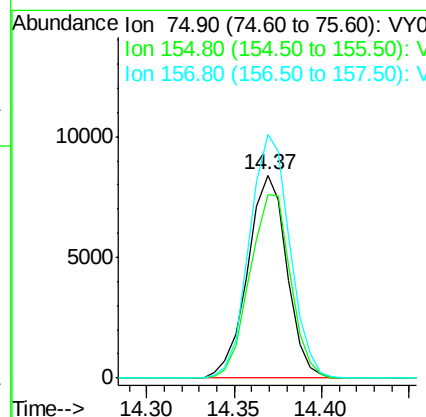
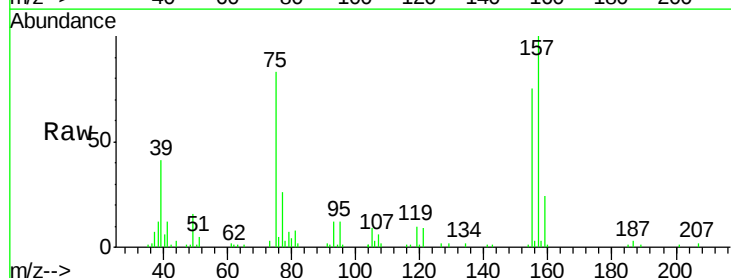
Manual Integrations
 APPROVED

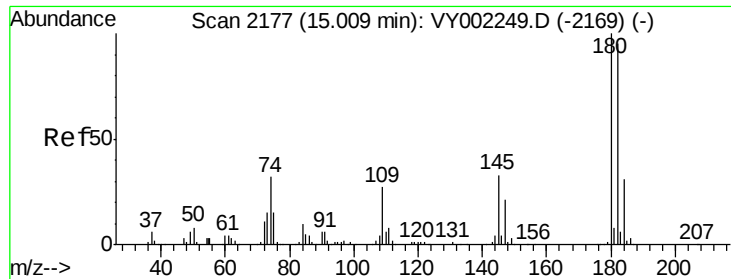
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 4/17/2020 11:52:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.790 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	43.6	130.8
157	123.3	56.0	168.2





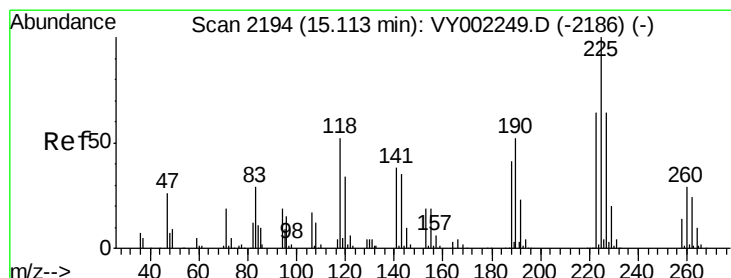
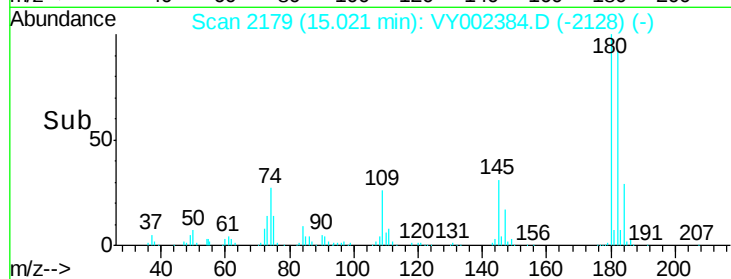
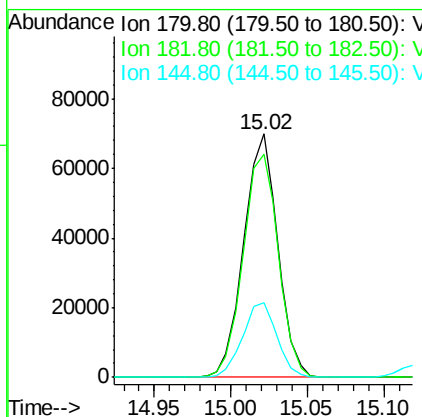
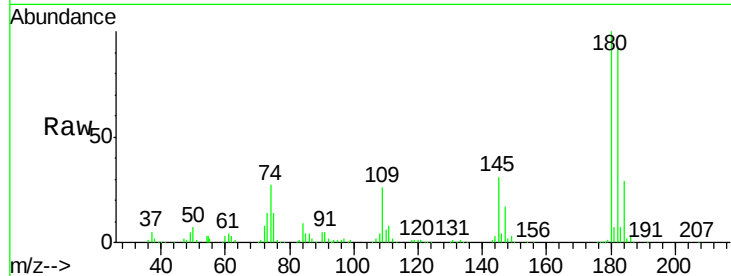
#93
 1,2,4-Trichlorobenzene
 Concen: 48.225 ug/l
 RT: 15.02 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.7
145	31.1	16.0	48.0

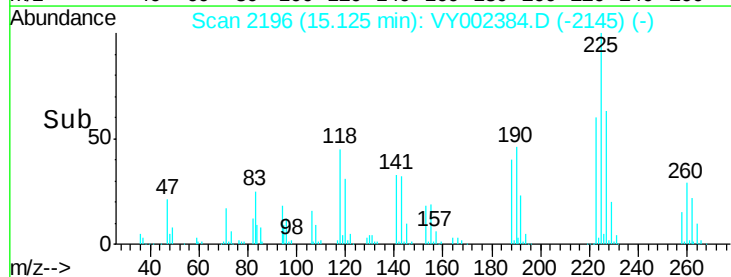
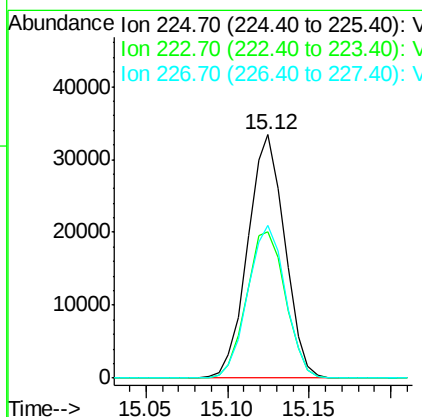
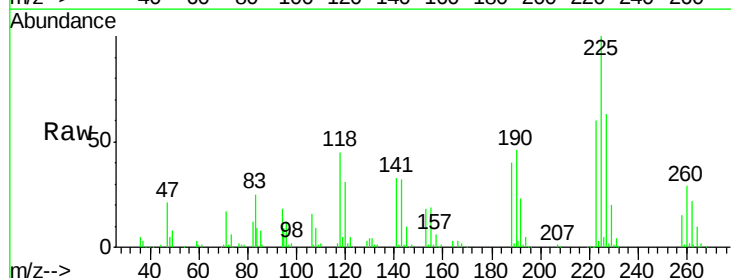
Manual Integrations
 APPROVED

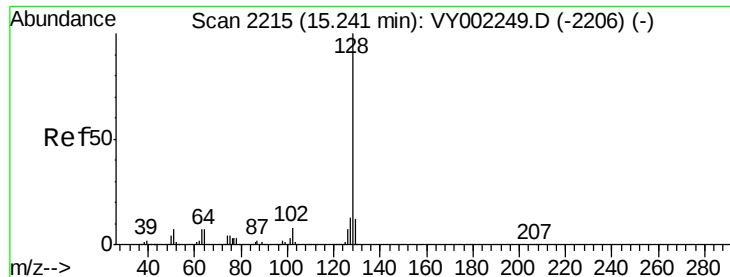
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 4/17/2020 11:52:27 AM



#94
 Hexachlorobutadiene
 Concen: 46.956 ug/l
 RT: 15.12 min Scan# 2196
 Delta R.T. 0.01 min
 Lab File: VY002384.D
 Acq: 16 Apr 2020 21:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.0	93.0
227	63.5	31.3	93.9





#95

Naphthalene

Concen: 53.365 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Instrument :

MSVOA_Y

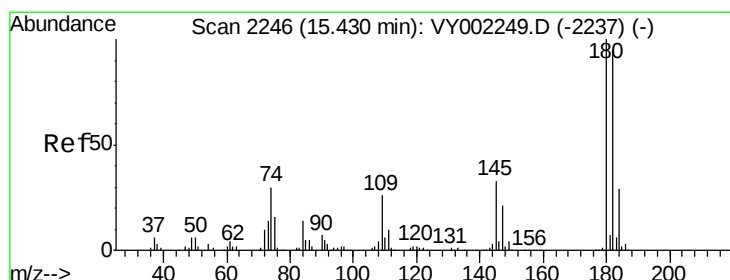
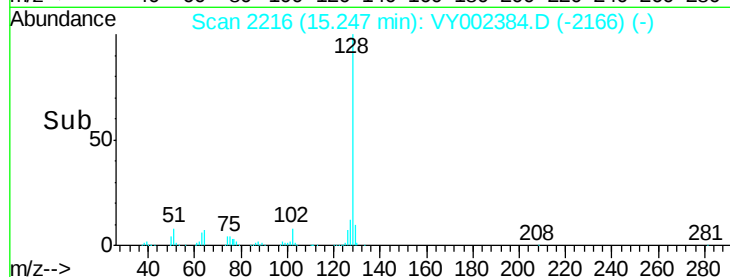
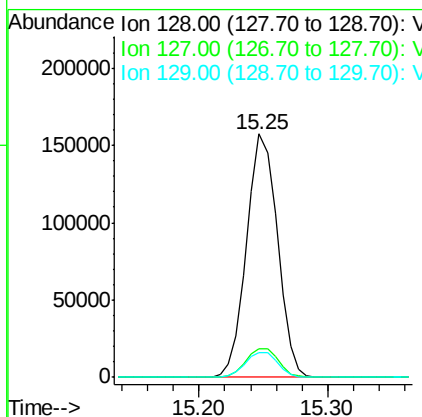
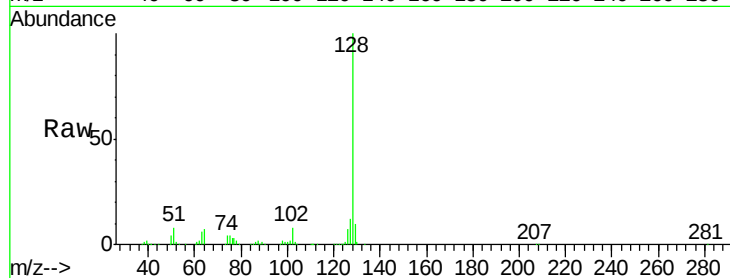
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	261121
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	10.7	8.7	13.1

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 48.570 ug/l

RT: 15.44 min Scan# 2247

Delta R.T. 0.01 min

Lab File: VY002384.D

Acq: 16 Apr 2020 21:34

Tgt Ion:	180	Resp:	94250
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.1	141.3
145	33.4	16.7	50.1

