

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY042320\
 Data File : VY002457.D
 Acq On : 23 Apr 2020 12:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:33:31 PM

Quant Time: Apr 23 12:58:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y042320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 12:46:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	287890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	419096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	381583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	198701	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	115588	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.75	113	112859	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	10.20	98	439715	46.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.00%	
62) 4-Bromofluorobenzene	12.49	95	145078	45.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	103663	48.689	ug/l	100
3) Chloromethane	2.13	50	131387	48.299	ug/l	100
4) Vinyl Chloride	2.27	62	80585	42.411	ug/l	100
5) Bromomethane	2.67	94	49772	48.512	ug/l	100
6) Chloroethane	2.82	64	45989	46.090	ug/l	100
7) Trichlorofluoromethane	3.15	101	194745	56.509	ug/l	100
8) Diethyl Ether	3.55	74	73112	51.862	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.93	101	126931	53.310	ug/l	100
10) Methyl Iodide	4.12	142	191481	51.900	ug/l	100
11) Tert butyl alcohol	5.00	59	49910	212.863	ug/l	100
12) 1,1-Dichloroethene	3.90	96	127027	52.142	ug/l	100
13) Acrolein	3.76	56	48425	268.284	ug/l	100
14) Allyl chloride	4.52	41	178545	49.258	ug/l	100
15) Acrylonitrile	5.21	53	162727	239.080	ug/l	100
16) Acetone	3.97	43	127114	251.062	ug/l	100
17) Carbon Disulfide	4.23	76	389297	50.727	ug/l	100
18) Methyl Acetate	4.51	43	75903	45.053	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	322428	48.930	ug/l	100
20) Methylene Chloride	4.75	84	132623	42.872	ug/l	100
21) trans-1,2-Dichloroethene	5.26	96	136144	48.820	ug/l	100
22) Diisopropyl ether	6.16	45	340954	47.341	ug/l	100
23) Vinyl Acetate	6.10	43	1093998	242.177	ug/l	100
24) 1,1-Dichloroethane	6.05	63	214906	49.216	ug/l	100
25) 2-Butanone	7.02	43	182527	230.701	ug/l	100
26) 2,2-Dichloropropane	7.02	77	205178	49.392	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	147913	48.790	ug/l	100
28) Bromochloromethane	7.36	49	81952	47.747	ug/l	100
29) Tetrahydrofuran	7.38	42	122053	231.648	ug/l	100
30) Chloroform	7.54	83	225616	48.627	ug/l	100
31) Cyclohexane	7.82	56	200265	45.281	ug/l	100
32) 1,1,1-Trichloroethane	7.73	97	218535	50.170	ug/l	100
36) 1,1-Dichloropropene	7.95	75	177537	49.359	ug/l	100
37) Ethyl Acetate	7.11	43	82734	46.639	ug/l	100
38) Carbon Tetrachloride	7.93	117	207141	50.380	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	236420	50.586	ug/l	100
40) Benzene	8.19	78	509935	49.129	ug/l	100
41) Methacrylonitrile	7.36	41	51837m	24.273	ug/l	
42) 1,2-Dichloroethane	8.27	62	146851	48.879	ug/l	100
43) Isopropyl Acetate	8.30	43	157242	47.506	ug/l	100
44) Trichloroethene	8.96	130	160481	49.324	ug/l	100
45) 1,2-Dichloropropane	9.24	63	117311	48.977	ug/l	100
46) Dibromomethane	9.33	93	68812	49.508	ug/l	100
47) Bromodichloromethane	9.52	83	174053	49.960	ug/l	100
48) Methyl methacrylate	9.31	41	73079	48.459	ug/l	100
49) 1,4-Dioxane	9.32	88	17934	1025.628	ug/l	100
51) 4-Methyl-2-Pentanone	10.09	43	408287	238.024	ug/l	100
52) Toluene	10.26	92	330542	49.667	ug/l	100
53) t-1,3-Dichloropropene	10.48	75	182131	50.266	ug/l	100
54) cis-1,3-Dichloropropene	9.95	75	208895	49.973	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	98039	47.629	ug/l	100
56) Ethyl methacrylate	10.52	69	135431	48.661	ug/l	100
57) 1,3-Dichloropropane	10.81	76	165894	47.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	319430	234.978	ug/l	100
59) 2-Hexanone	10.85	43	281774	237.425	ug/l	100
60) Dibromochloromethane	11.00	129	133218	49.665	ug/l	100
61) 1,2-Dibromoethane	11.10	107	97603	47.924	ug/l	100
64) Tetrachloroethene	10.74	164	172055	49.033	ug/l	100
65) Chlorobenzene	11.53	112	361835	49.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	138035	50.324	ug/l	100
67) Ethyl Benzene	11.61	91	653767	50.120	ug/l	100
68) m/p-Xylenes	11.72	106	498001	99.111	ug/l	100
69) o-Xylene	12.04	106	233490	49.614	ug/l	100
70) Styrene	12.06	104	407464	49.897	ug/l	100
71) Bromoform	12.22	173	84053	48.948	ug/l	100
73) Isopropylbenzene	12.34	105	651004	50.546	ug/l	100
74) N-amyl acetate	12.16	43	146920	48.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.59	83	91591	46.667	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	80552m	29.361	ug/l	
77) Bromobenzene	12.62	156	158566	49.059	ug/l	100
78) n-propylbenzene	12.68	91	759621	50.661	ug/l	100
79) 2-Chlorotoluene	12.77	91	409337	50.033	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	553489	50.461	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	42545	48.722	ug/l	100
82) 4-Chlorotoluene	12.86	91	427966	49.577	ug/l	100
83) tert-Butylbenzene	13.09	119	489406	50.683	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	552415	50.529	ug/l	100
85) sec-Butylbenzene	13.27	105	664648	50.410	ug/l	100
86) p-Isopropyltoluene	13.38	119	634588	50.851	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	306309	49.638	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	303260	49.627	ug/l	100
89) n-Butylbenzene	13.70	91	577502	50.588	ug/l	100
90) Hexachloroethane	13.97	117	111454	49.978	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	274619	49.717	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.37	75	18288	46.998	ug/l	100

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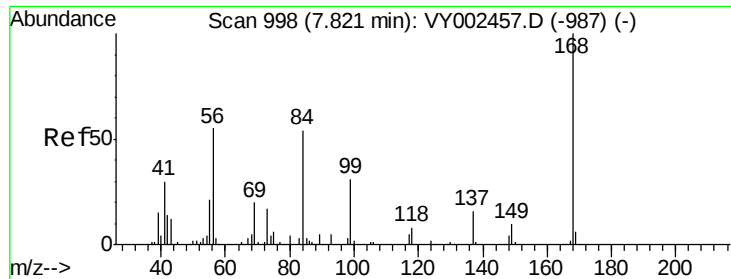
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	202474	49.508	ug/l	100
94) Hexachlorobutadiene	15.12	225	125371	50.425	ug/l	100
95) Naphthalene	15.25	128	366221	49.271	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	171389	49.745	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 287890

Ion Ratio Lower Upper

168 100

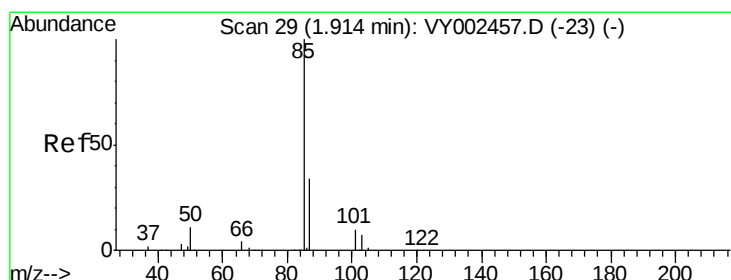
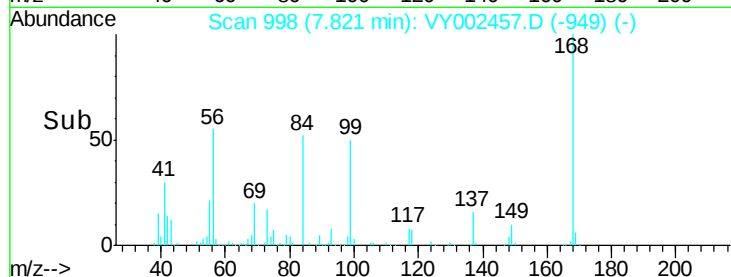
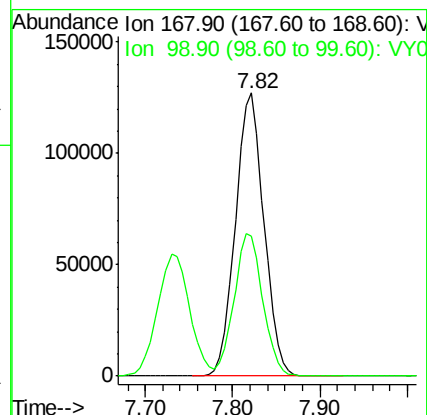
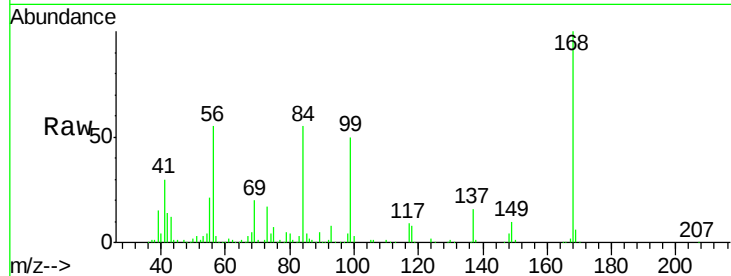
99 49.6 39.7 59.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.689 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.00 min

Lab File: VY002457.D

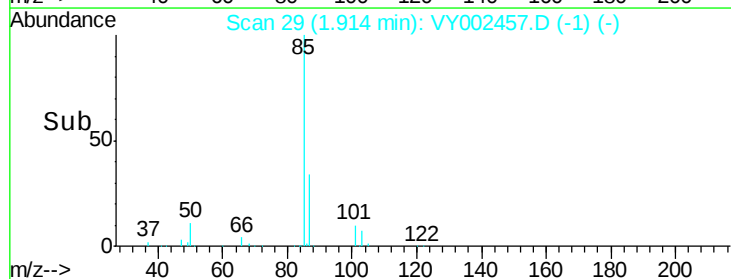
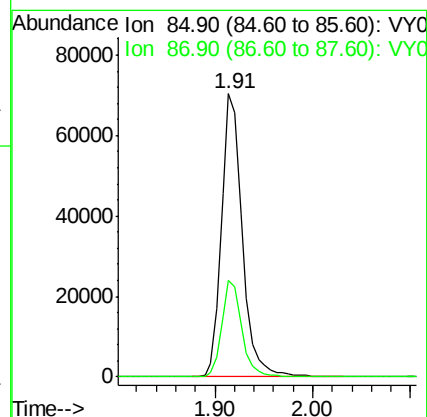
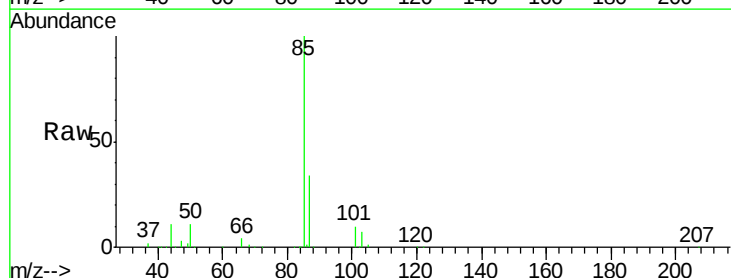
Acq: 23 Apr 2020 12:25

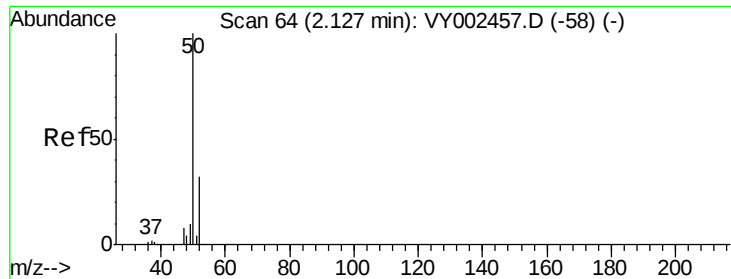
Tgt Ion: 85 Resp: 103663

Ion Ratio Lower Upper

85 100

87 34.2 17.1 51.3





#3

Chloromethane

Concen: 48.299 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 131387

Ion Ratio Lower Upper

50 100

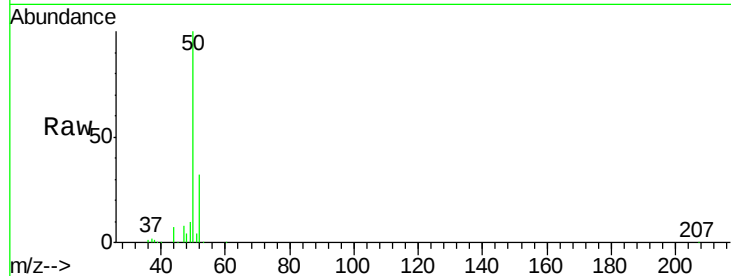
52 31.5 25.2 37.8

Manual Integrations

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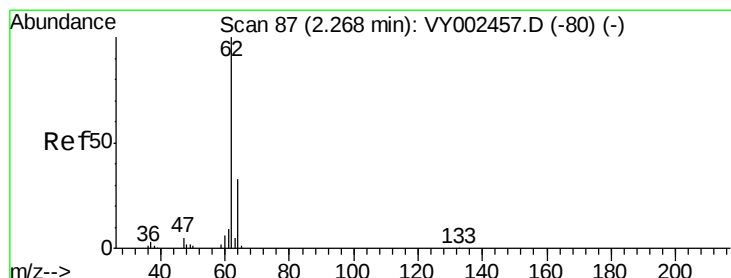
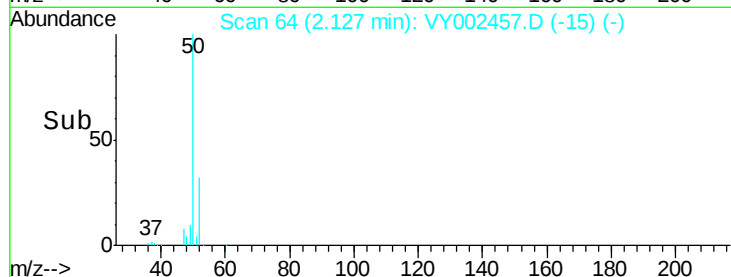
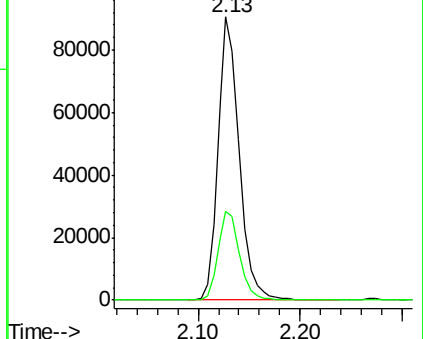
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 42.411 ug/l

RT: 2.27 min Scan# 87

Delta R.T. 0.00 min

Lab File: VY002457.D

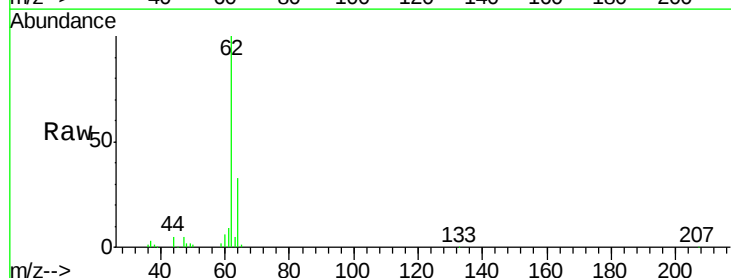
Acq: 23 Apr 2020 12:25

Tgt Ion: 62 Resp: 80585

Ion Ratio Lower Upper

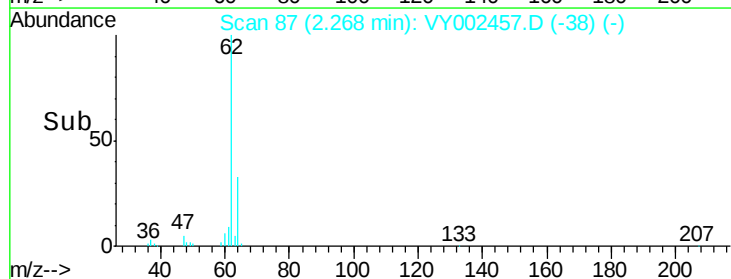
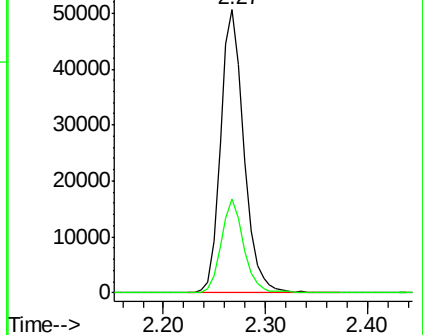
62 100

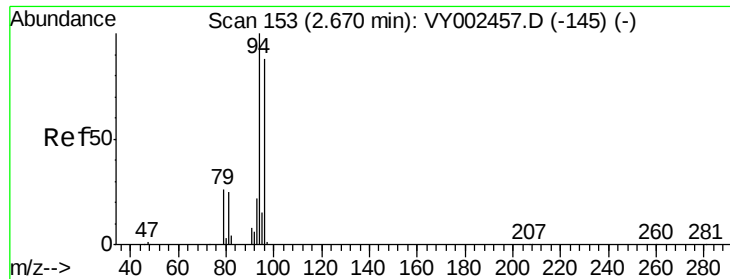
64 33.2 26.6 39.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 48.512 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 49772

Ion Ratio Lower Upper

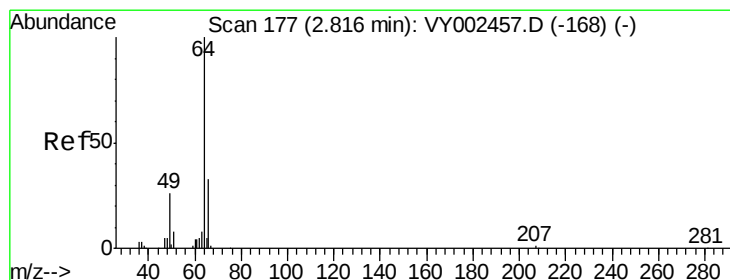
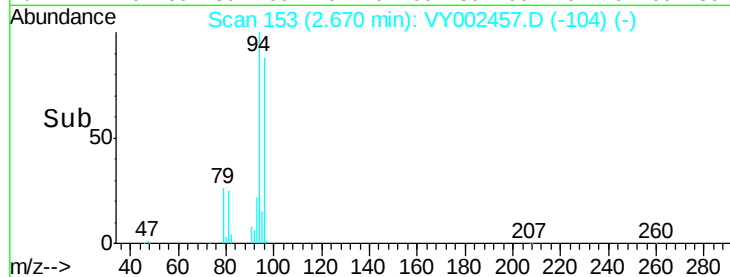
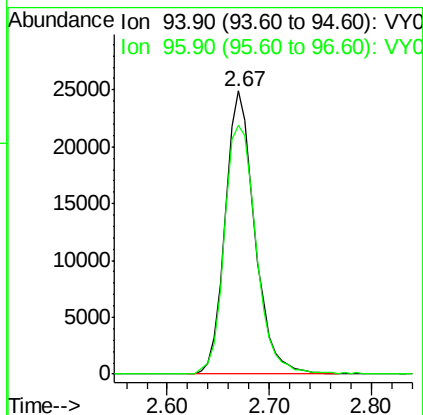
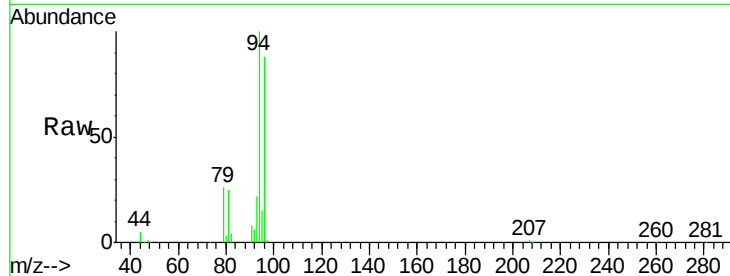
94 100

96 87.8 70.2 105.4

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#6

Chloroethane

Concen: 46.090 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.00 min

Lab File: VY002457.D

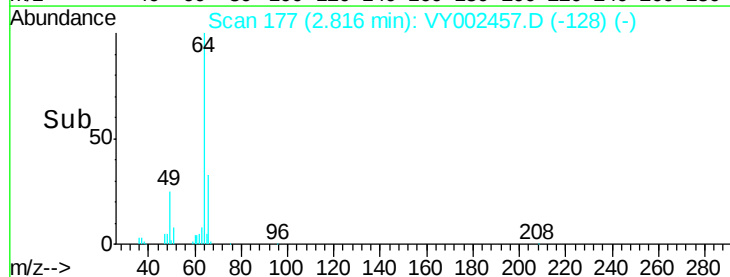
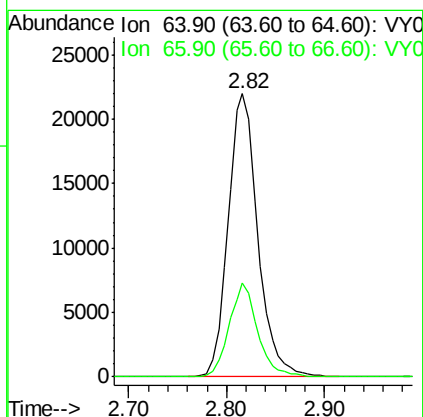
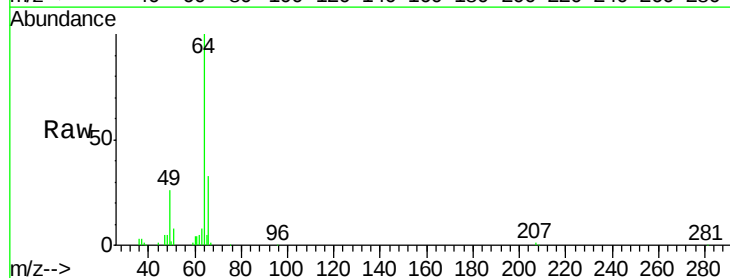
Acq: 23 Apr 2020 12:25

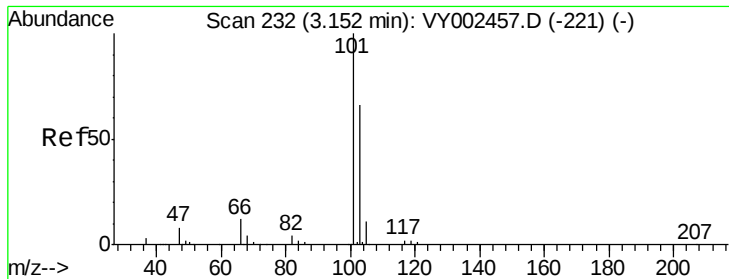
Tgt Ion: 64 Resp: 45989

Ion Ratio Lower Upper

64 100

66 33.3 26.6 40.0





#7

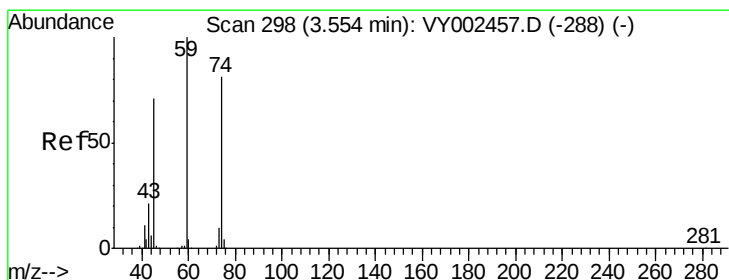
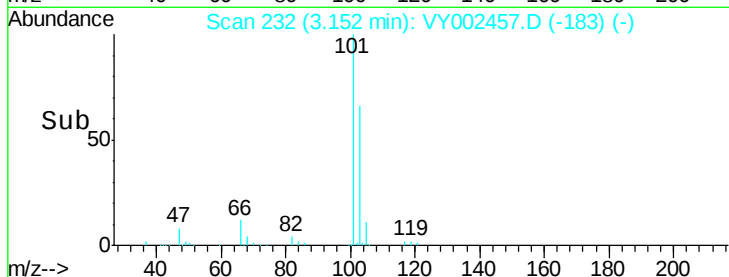
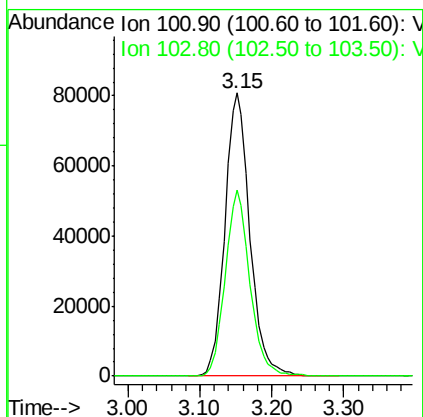
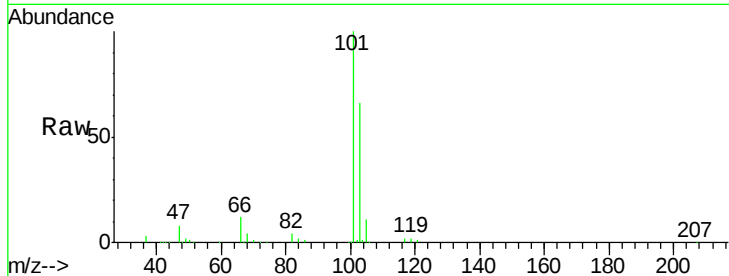
Trichlorofluoromethane
Concen: 56.509 ug/l
RT: 3.15 min Scan# 232
Delta R.T. 0.00 min
Lab File: VY002457.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.5	78.7

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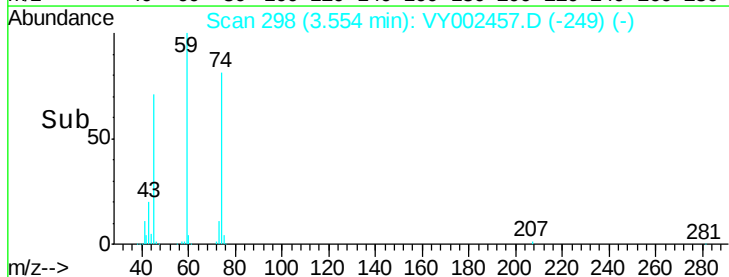
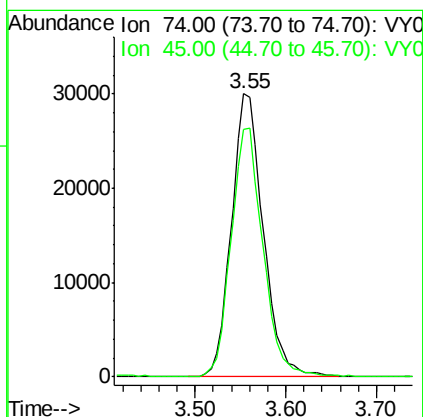
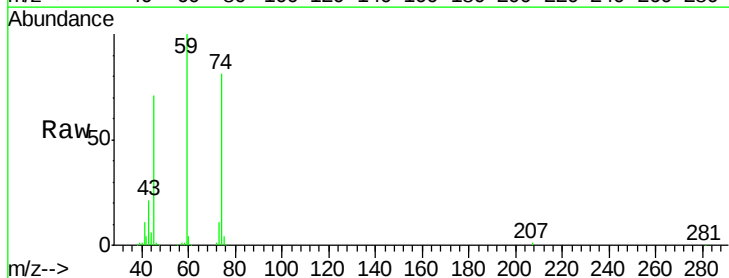
MMDadoda
4/24/2020 1:33:31 PM

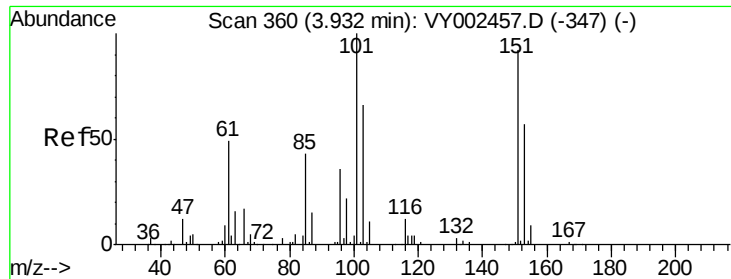


#8

Diethyl Ether
Concen: 51.862 ug/l
RT: 3.55 min Scan# 298
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.0	44.0	132.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.310 ug/l

RT: 3.93 min Scan# 360

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

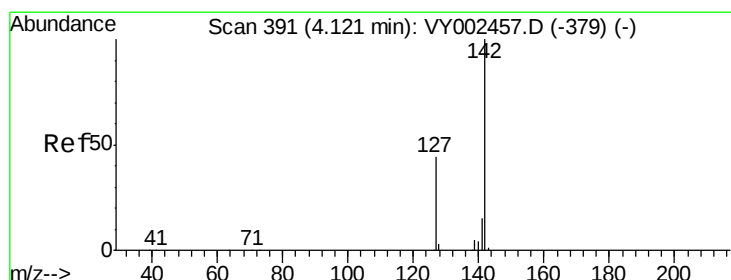
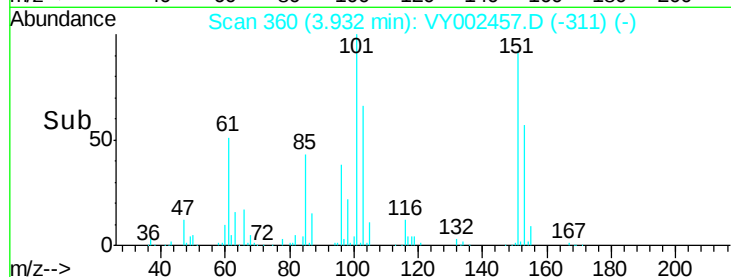
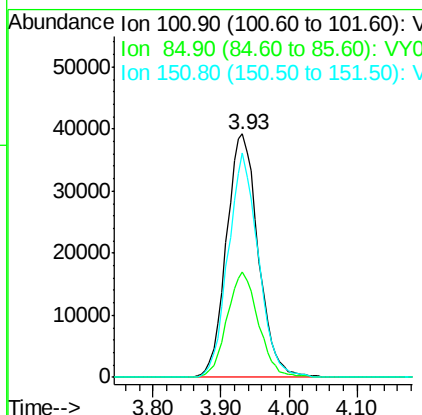
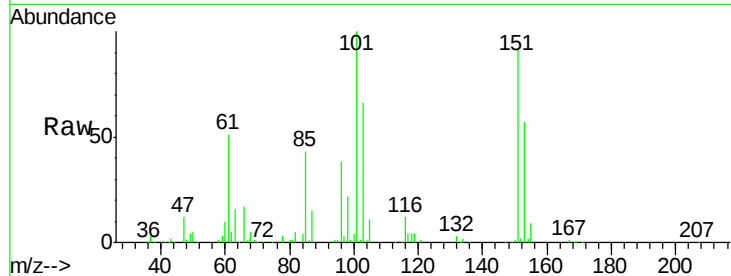
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	126931
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.1	51.1
151	87.9	70.3	105.5

Manual Integrations
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#10

Methyl Iodide

Concen: 51.900 ug/l

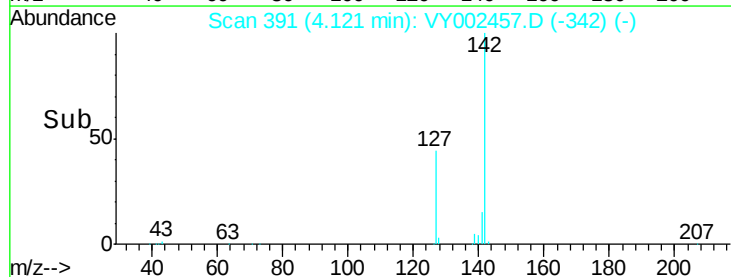
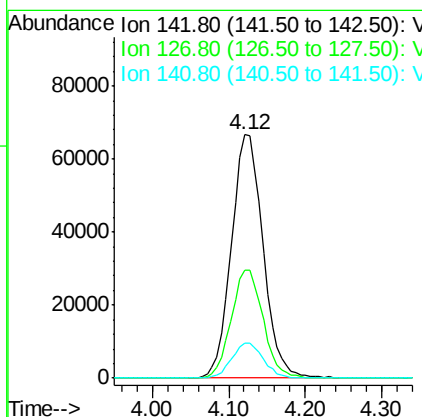
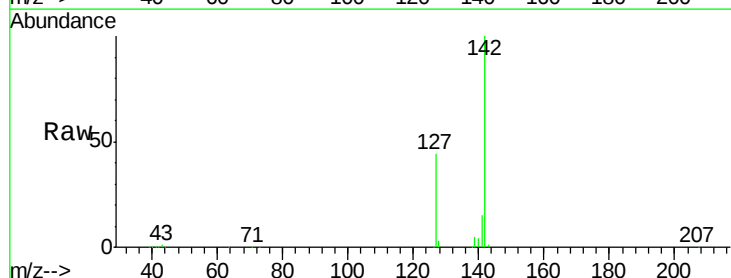
RT: 4.12 min Scan# 391

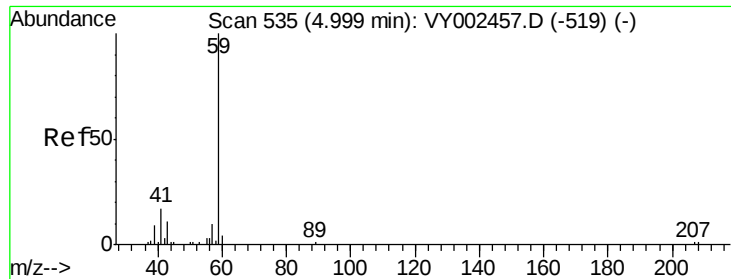
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	142	Resp:	191481
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.8	53.8
141	14.5	11.6	17.4





#11

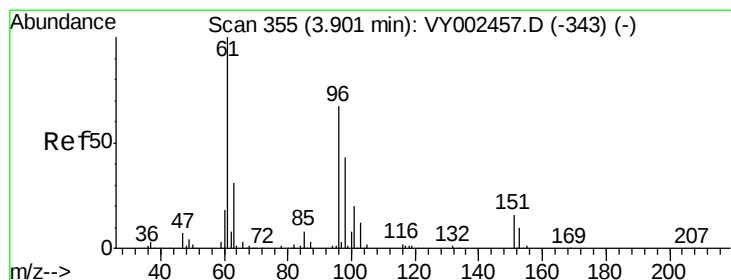
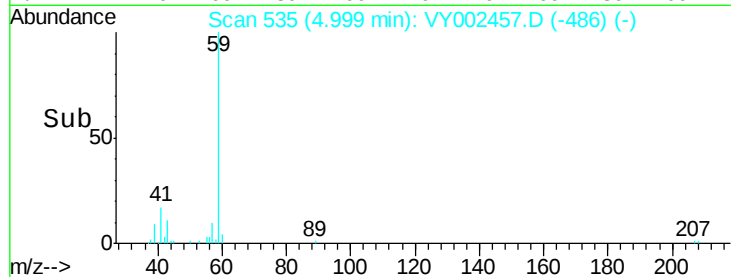
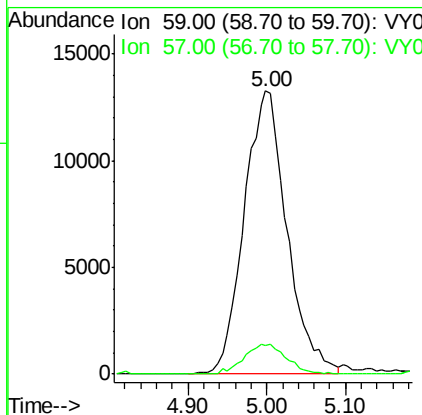
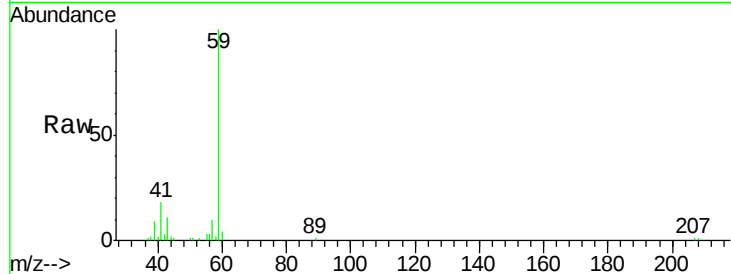
Tert butyl alcohol
 Concen: 212.863 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	49910
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

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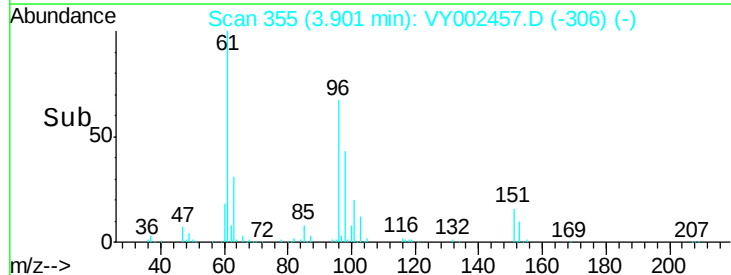
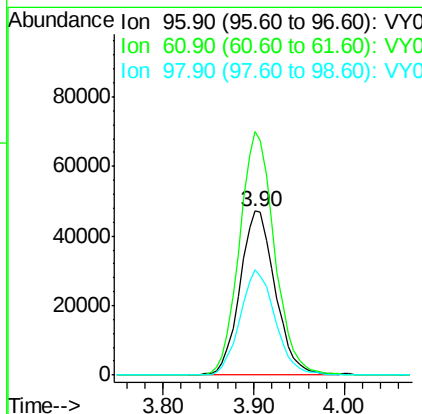
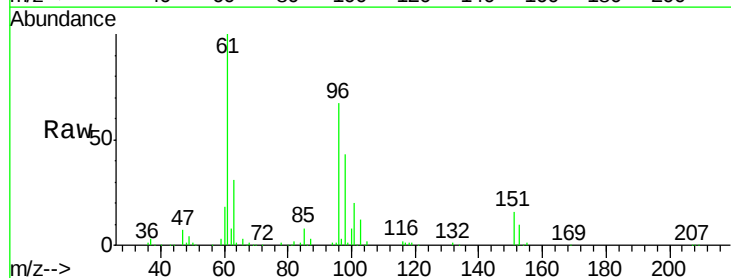
MMDadoda
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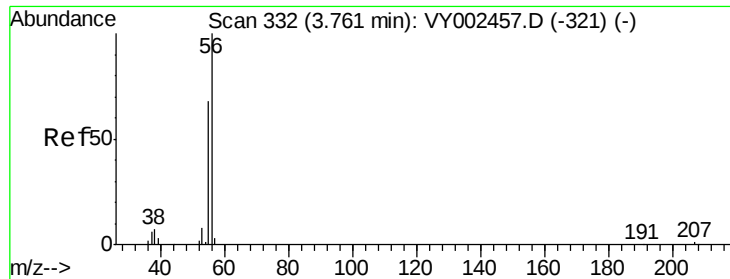


#12

1,1-Dichloroethene
 Concen: 52.142 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	96	Resp	127027
Ion Ratio	100	Lower	Upper
61	148.8	119.0	178.6
98	64.3	51.4	77.2





#13

Acrolein

Concen: 268.284 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tot Ion: 56 Resp: 48425

Ion Ratio Lower Upper

56 100

55 69.7 55.8 83.6

Instrument :

MSVOA_Y

ClientSampleId :

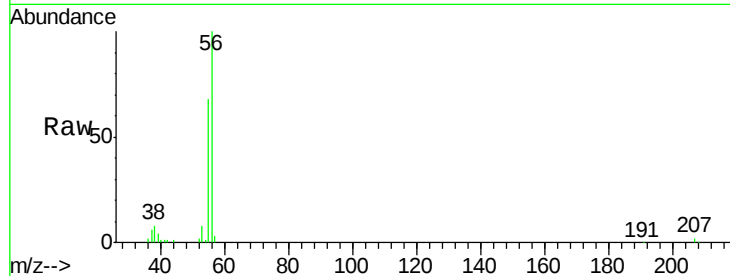
VSTDICCC050

Manual Integrations

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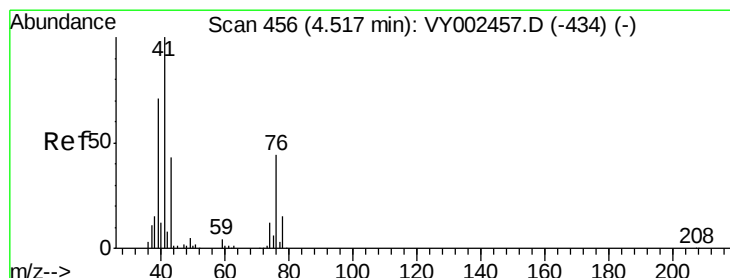
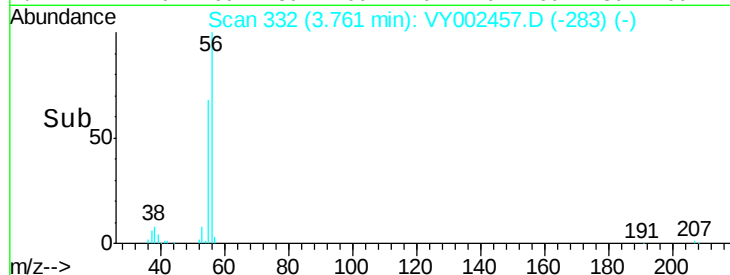
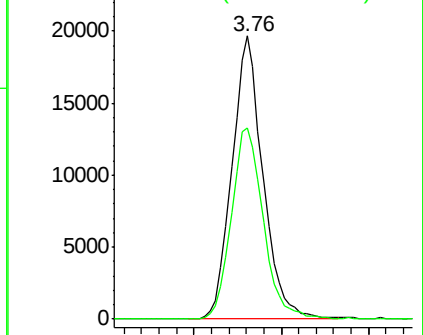
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 49.258 ug/l

RT: 4.52 min Scan# 456

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

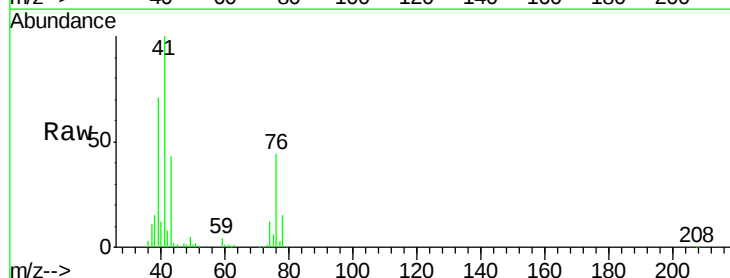
Tgt Ion: 41 Resp: 178545

Ion Ratio Lower Upper

41 100

39 68.9 55.1 82.7

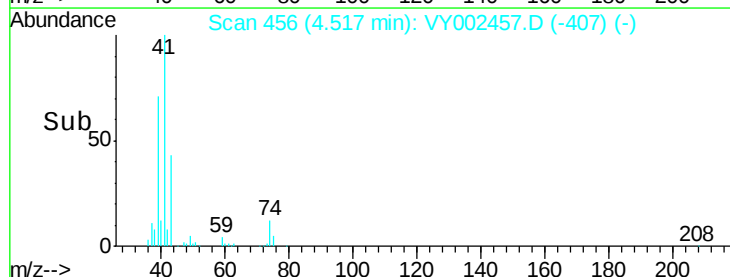
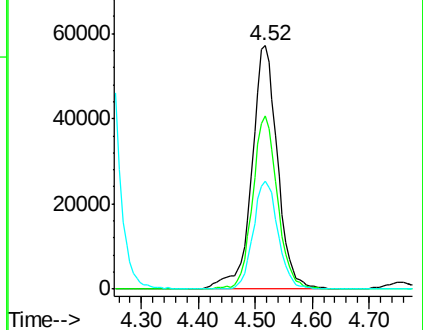
76 42.9 34.3 51.5

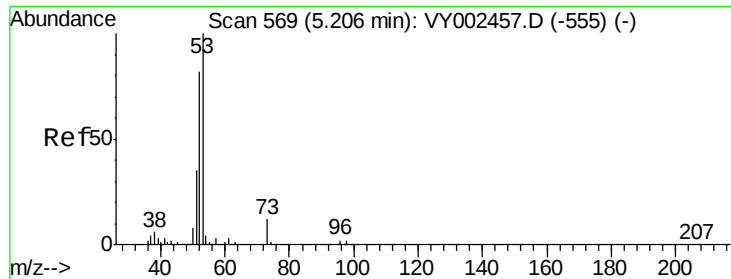


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 239.080 ug/l

RT: 5.21 min Scan# 569

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

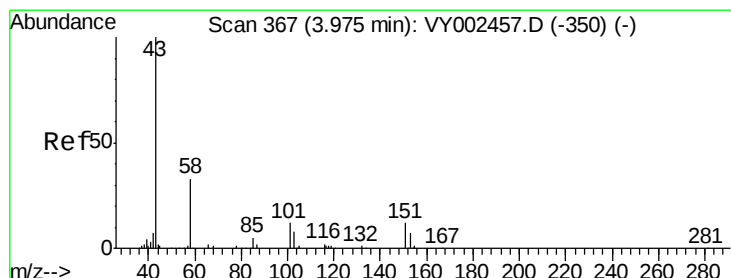
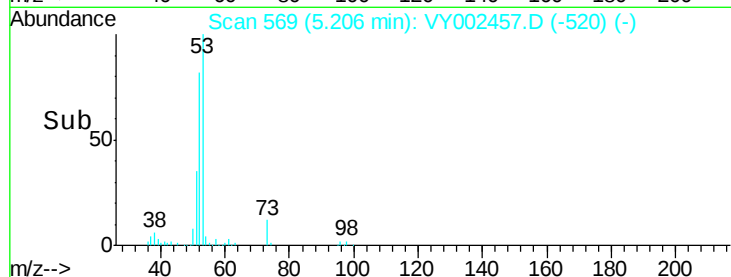
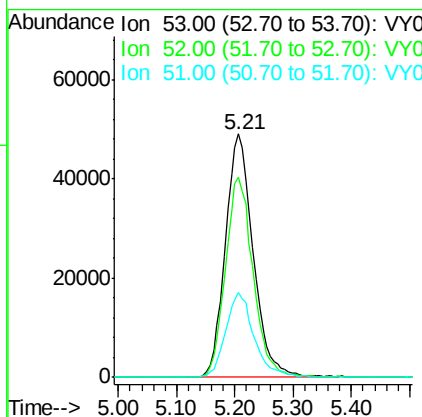
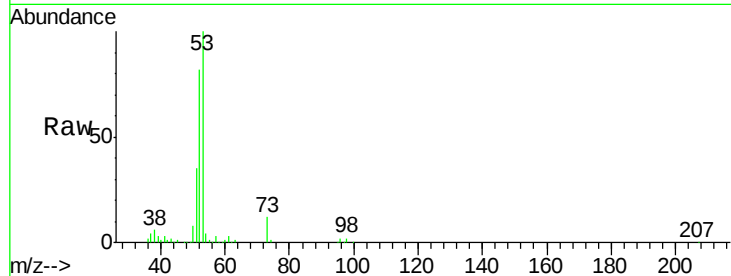
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	162727
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.4	98.2
51	35.4	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 251.062 ug/l

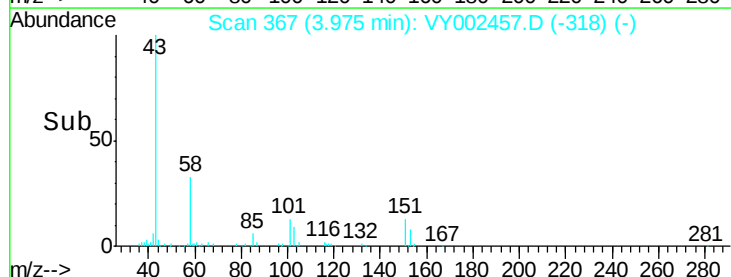
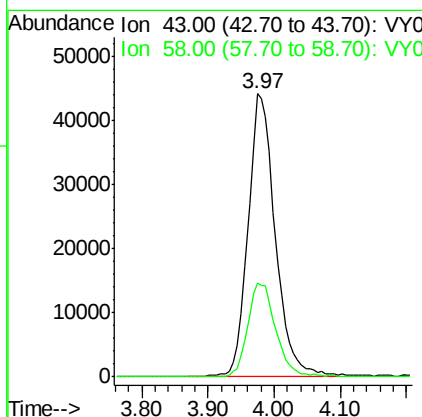
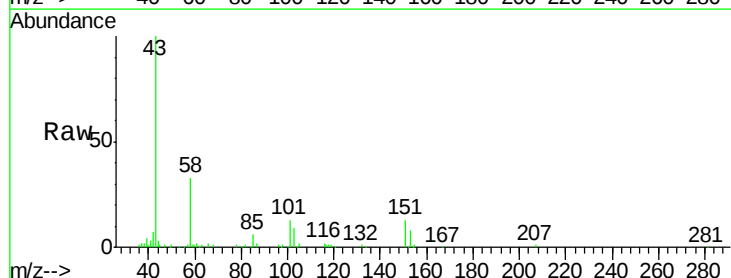
RT: 3.97 min Scan# 367

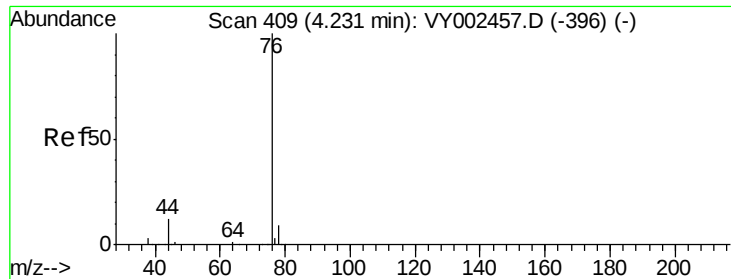
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	43	Resp:	127114
Ion Ratio	Lower	Upper	
43	100		
58	33.0	26.4	39.6





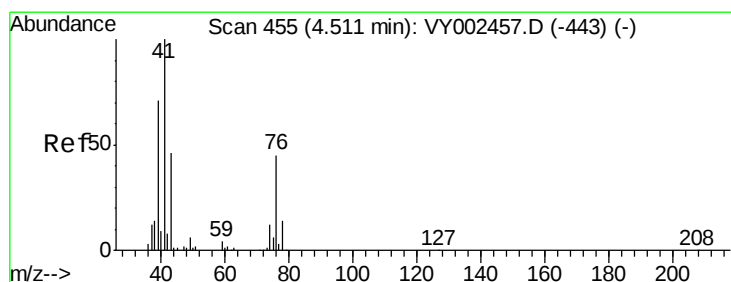
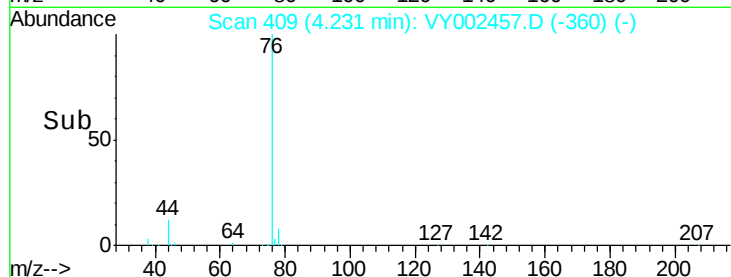
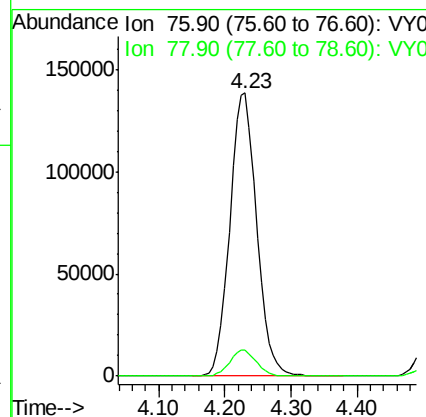
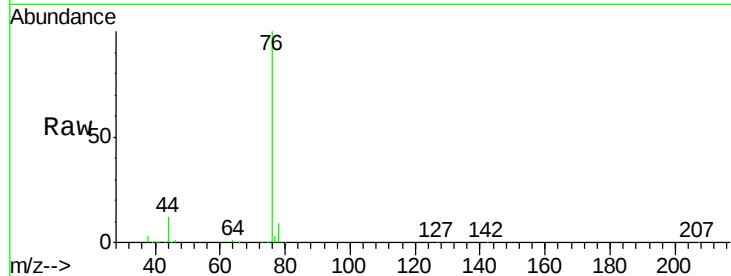
#17
Carbon Disulfide
Concen: 50.727 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

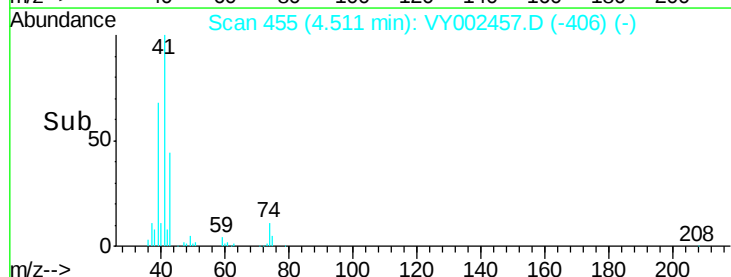
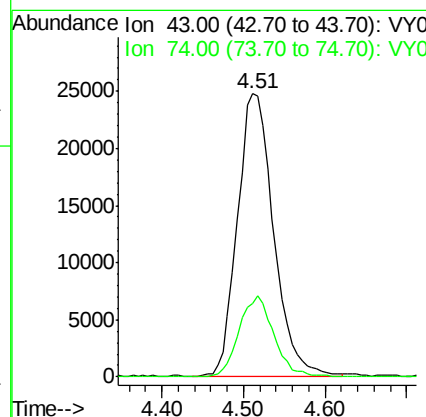
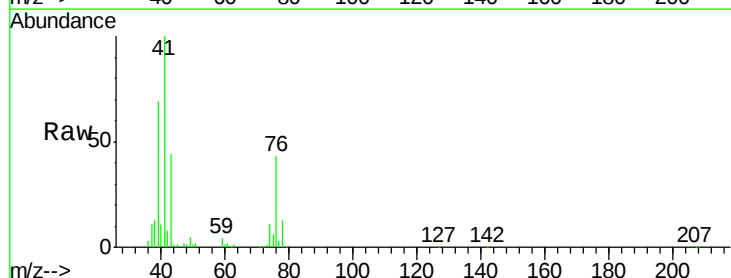
Manual Integrations
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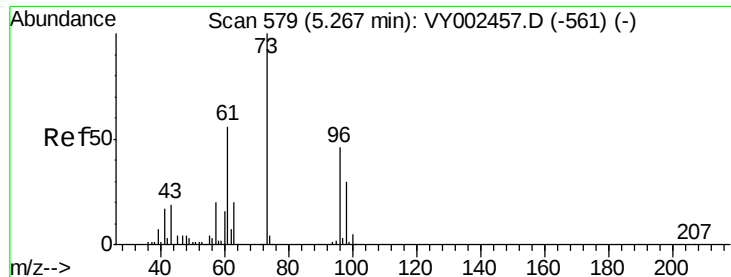
MMDadoda
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#18
Methyl Acetate
Concen: 45.053 ug/l
RT: 4.51 min Scan# 455
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	22.0	33.0





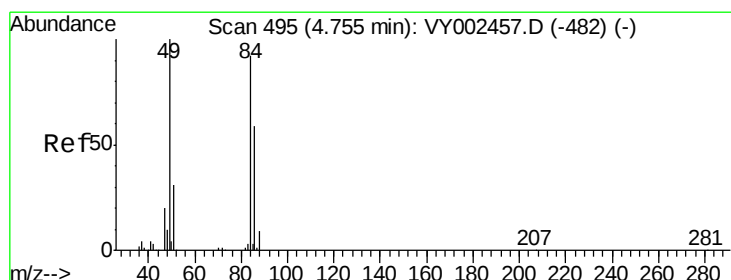
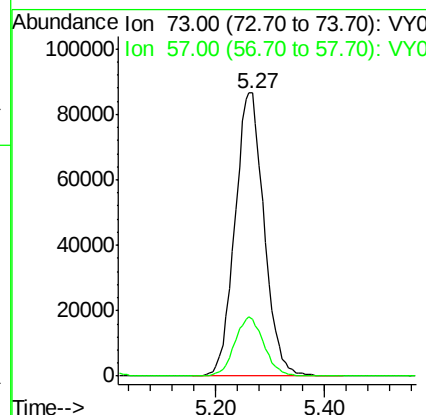
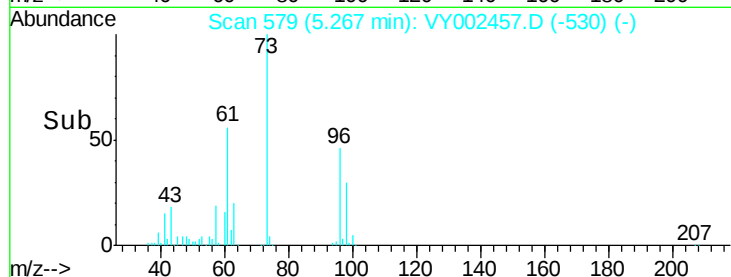
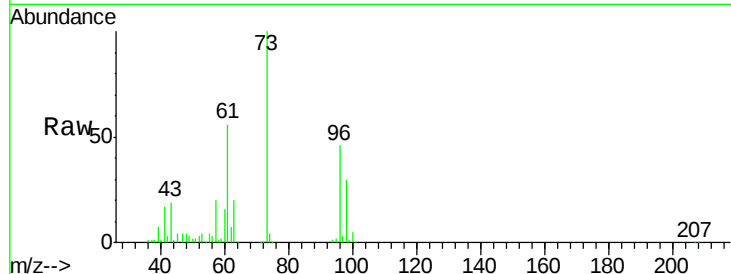
#19
Methvl tert-butvl Ether
Concen: 48.930 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 322428
Ion Ratio Lower Upper
73 100
57 20.0 16.0 24.0

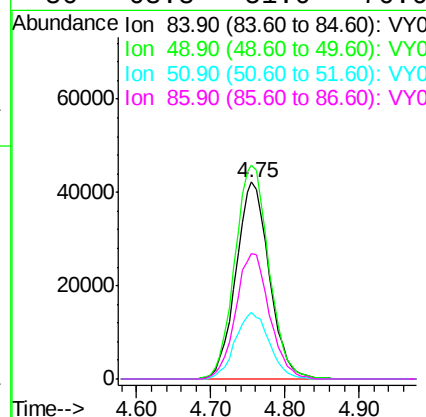
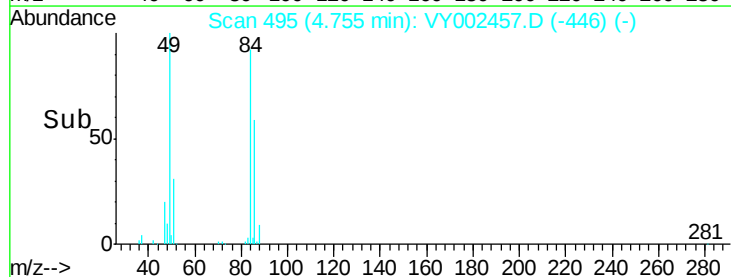
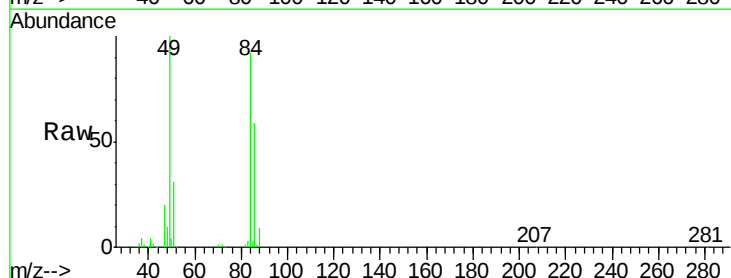
Manual Integrations
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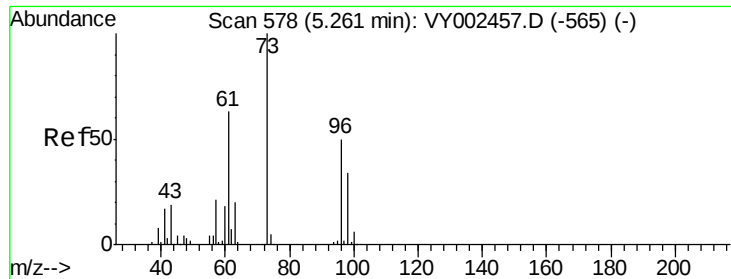
MMDadoda
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#20
Methylene Chloride
Concen: 42.872 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 84 Resp: 132623
Ion Ratio Lower Upper
84 100
49 108.6 86.9 130.3
51 34.1 27.3 40.9
86 63.8 51.0 76.6





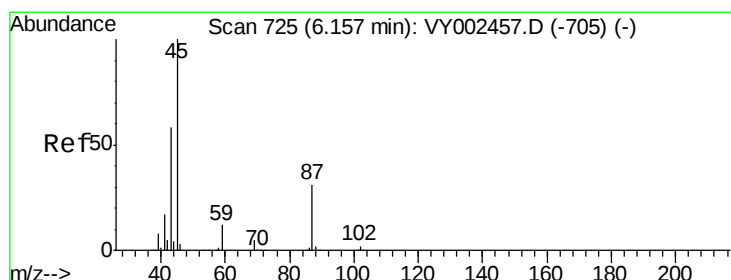
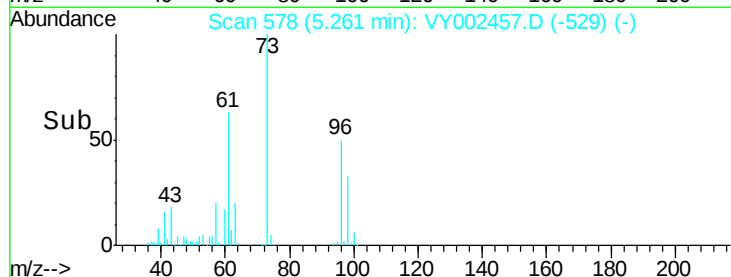
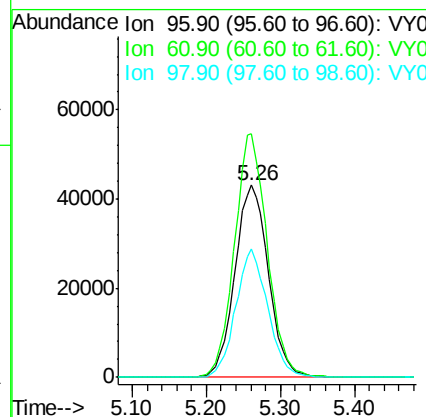
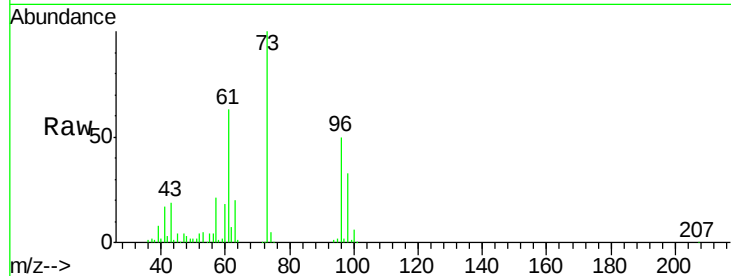
#21
trans-1,2-Dichloroethene
Concen: 48.820 ug/l
RT: 5.26 min Scan# 578
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.7	101.4	152.0
98	67.0	53.6	80.4

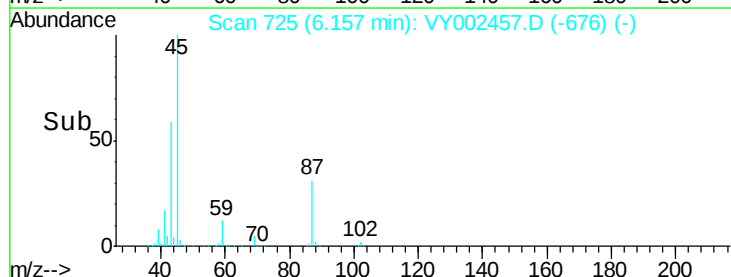
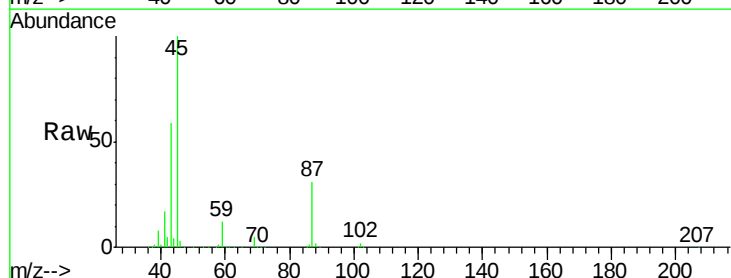
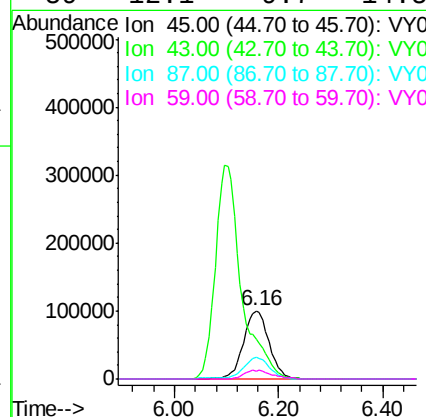
Manual Integrations
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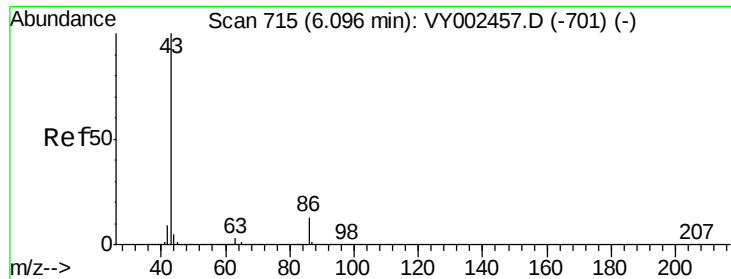
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#22
Diisopropyl ether
Concen: 47.341 ug/l
RT: 6.16 min Scan# 725
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.9	47.1	70.7
87	31.3	25.0	37.6
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 242.177 ug/l

RT: 6.10 min Scan# 715

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1093998

Ion Ratio Lower Upper

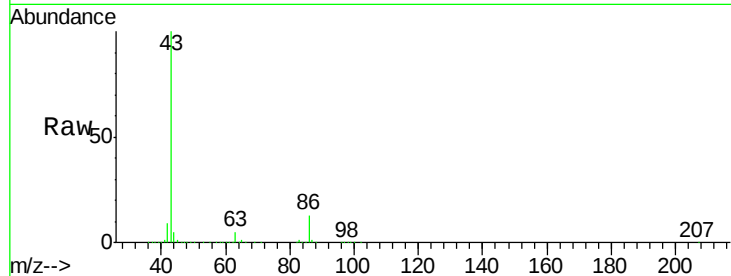
43 100

86 12.8 10.2 15.4

Manual Integrations
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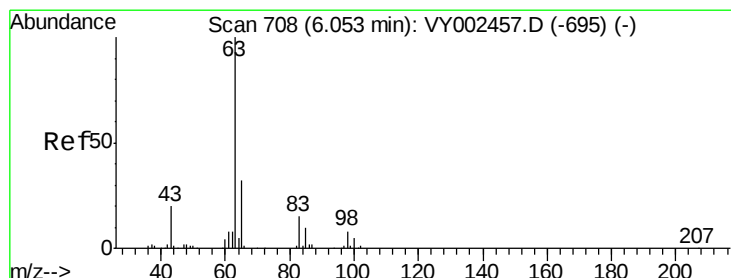
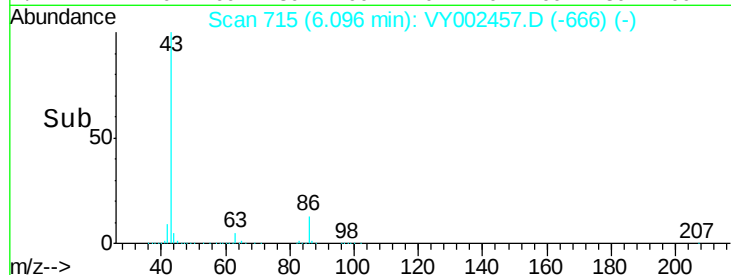
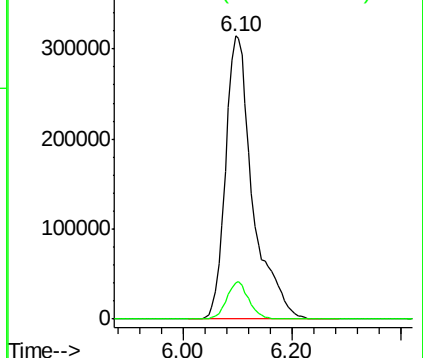
MMDadoda

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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: 49.216 ug/l

RT: 6.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

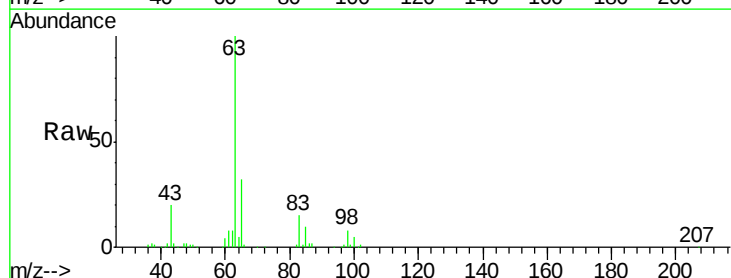
Tgt Ion: 63 Resp: 214906

Ion Ratio Lower Upper

63 100

98 8.2 4.1 12.3

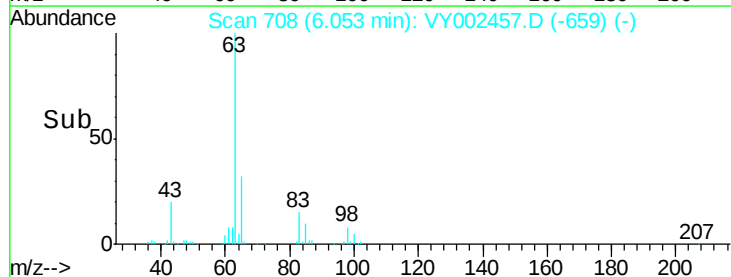
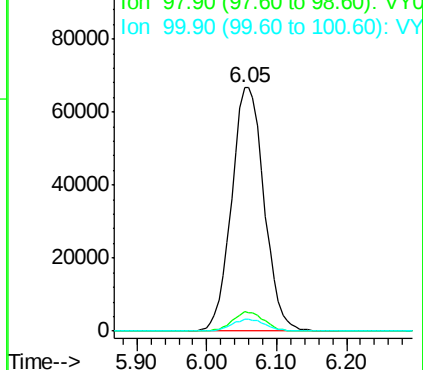
100 4.9 2.5 7.4

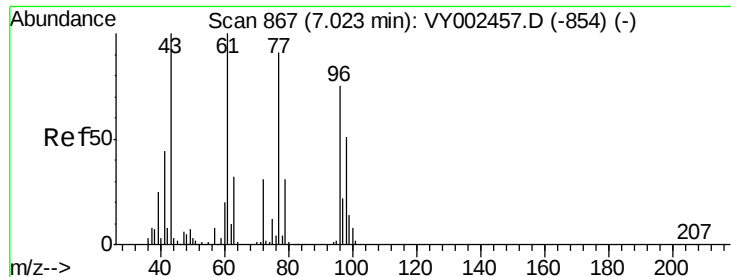


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 230.701 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 182527

Ion Ratio Lower Upper

43 100

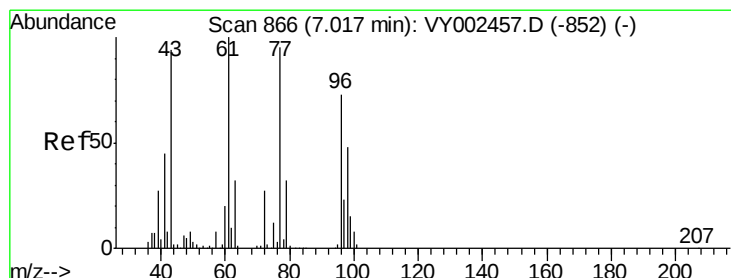
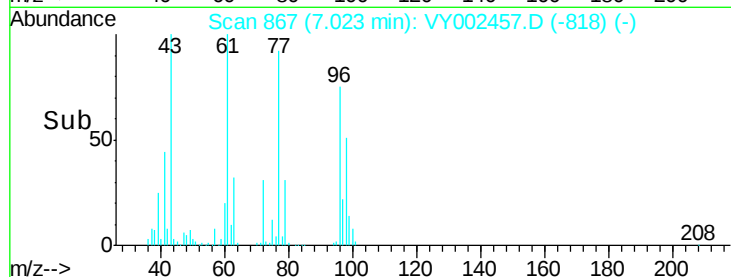
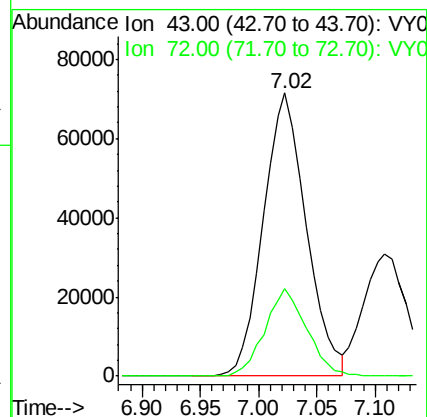
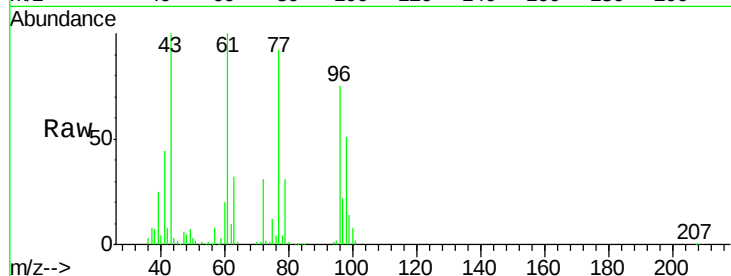
72 31.0 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.392 ug/l

RT: 7.02 min Scan# 866

Delta R.T. 0.00 min

Lab File: VY002457.D

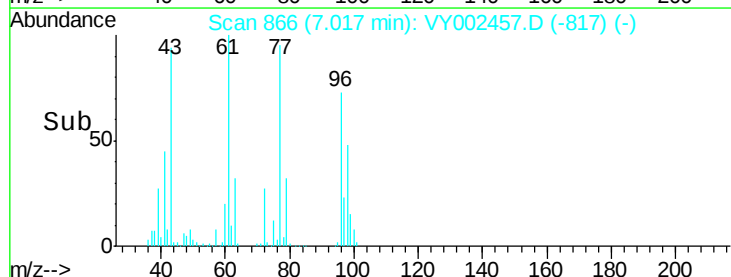
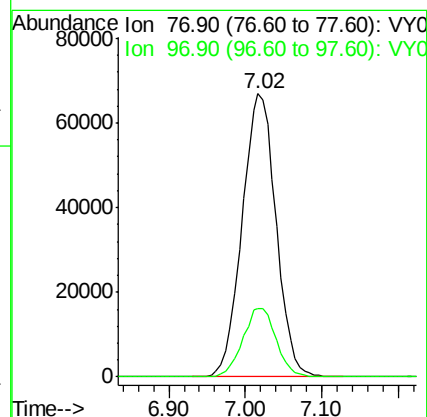
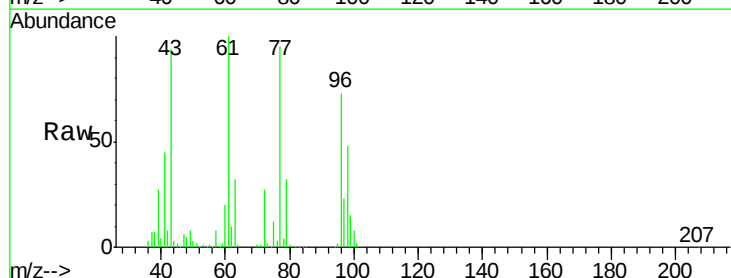
Acq: 23 Apr 2020 12:25

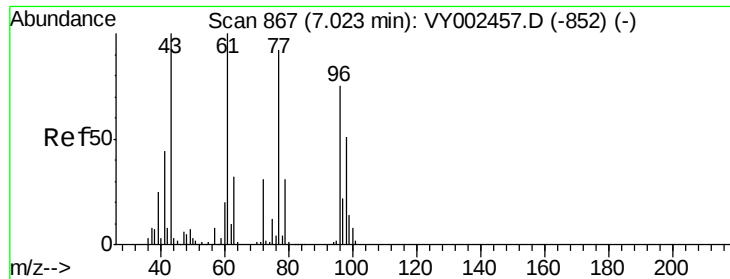
Tgt Ion: 77 Resp: 205178

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.0





#27

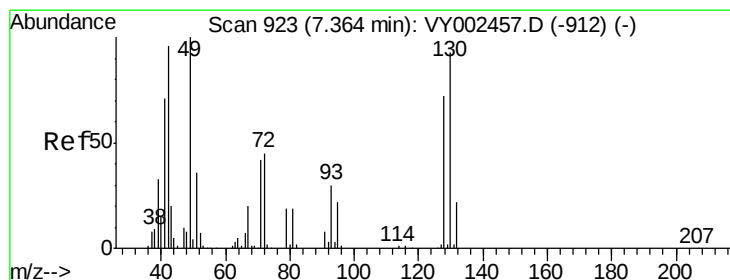
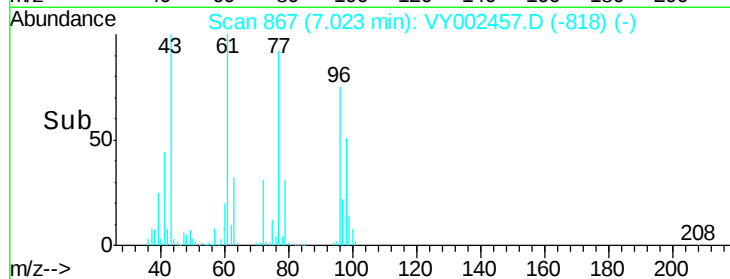
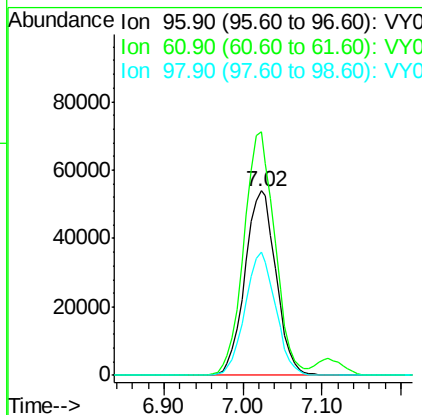
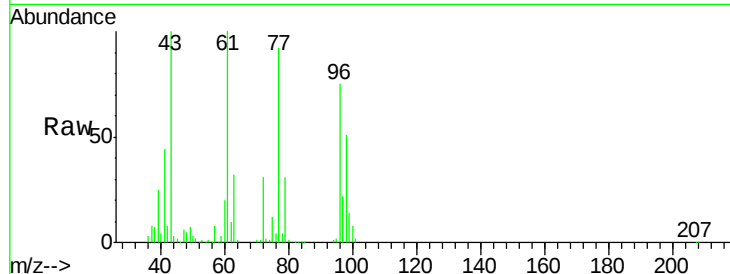
cis-1,2-Dichloroethene
Concen: 48.790 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	147913		
61	131.3	0.0	262.6	
98	65.5	0.0	131.0	

Manual Integrations
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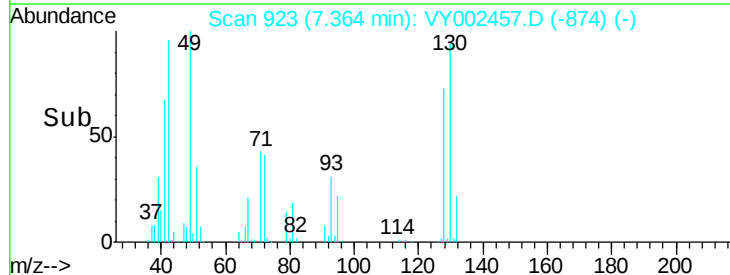
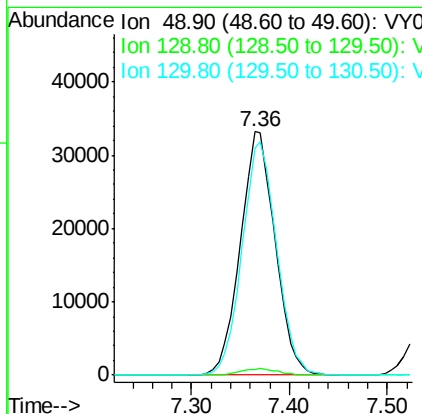
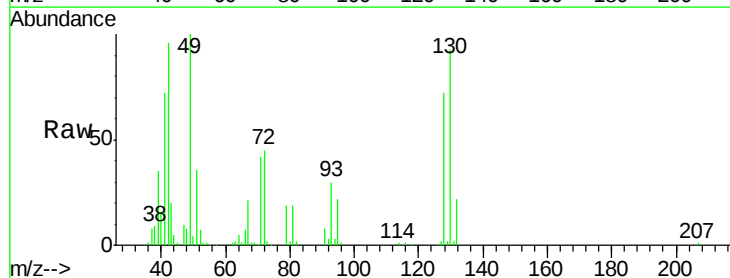
MMDadoda
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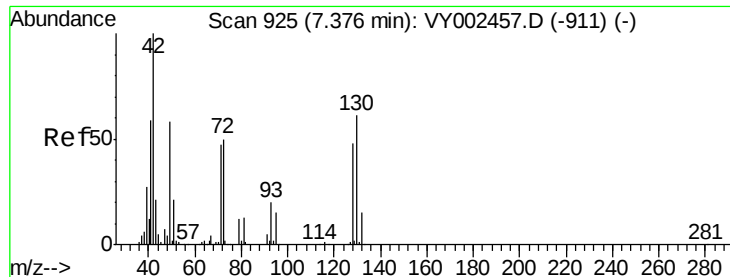


#28

Bromochloromethane
Concen: 47.747 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	81952		
129	2.8	0.0	5.6	
130	95.4	76.3	114.5	





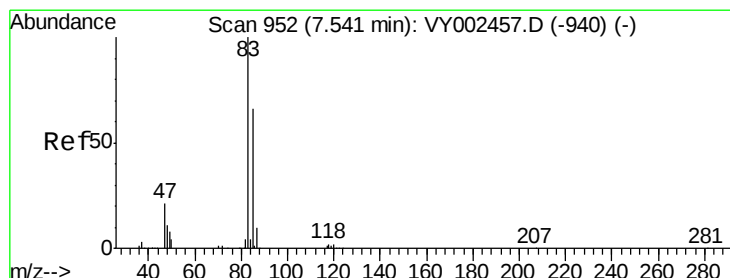
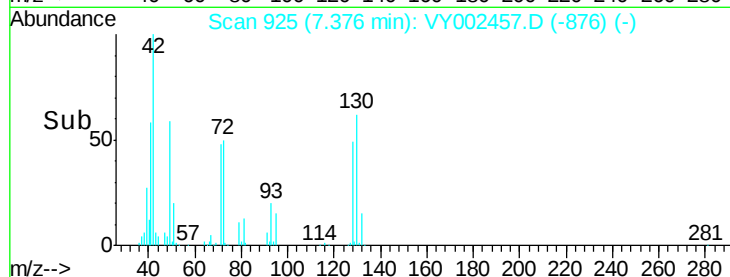
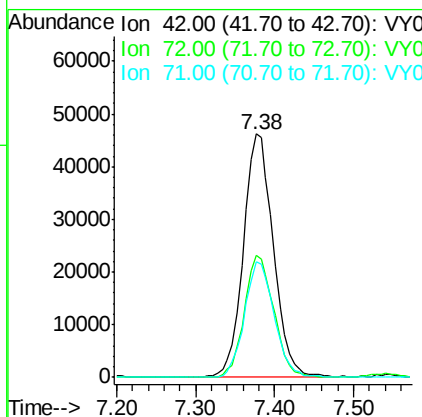
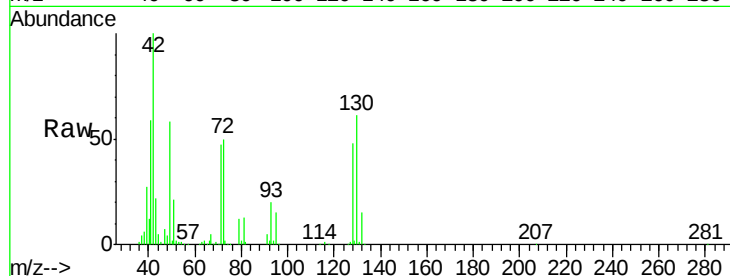
#29
Tetrahydrofuran
Concen: 231.648 ug/l
RT: 7.38 min Scan# 925
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.5	59.3
71	47.0	37.6	56.4

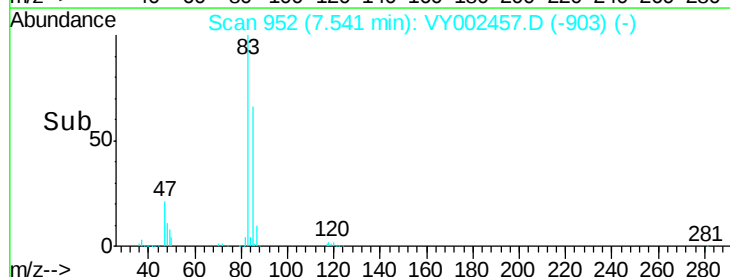
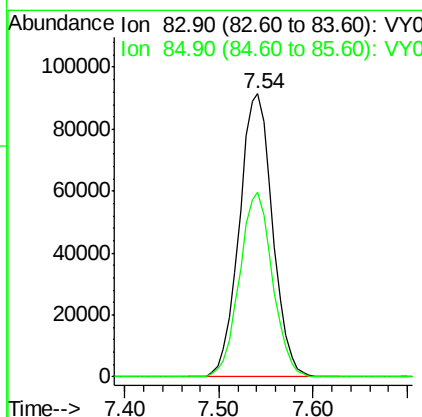
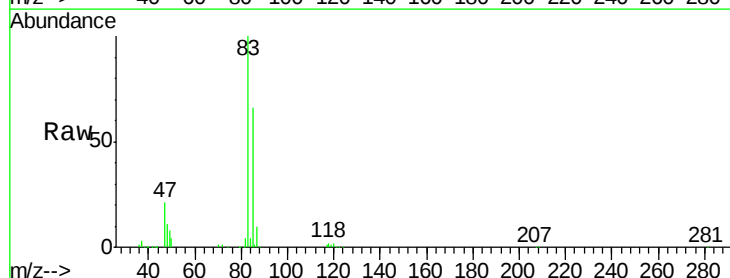
Manual Integrations
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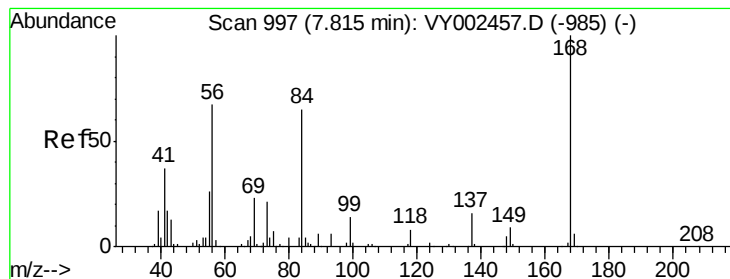
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#30
Chloroform
Concen: 48.627 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





#31

Cyclohexane

Concen: 45.281 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

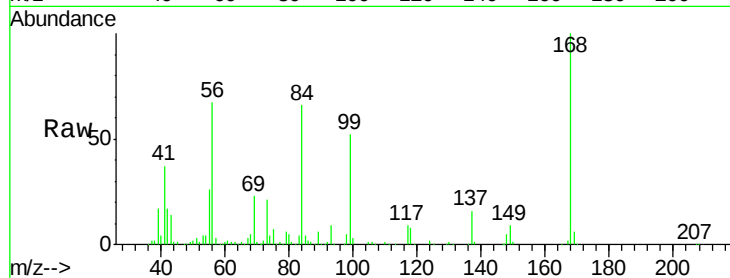
ClientSampleId :

VSTDICCC050

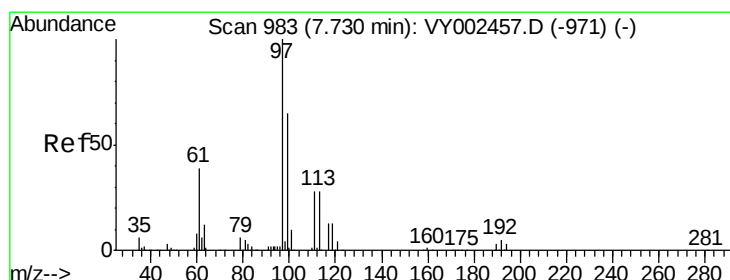
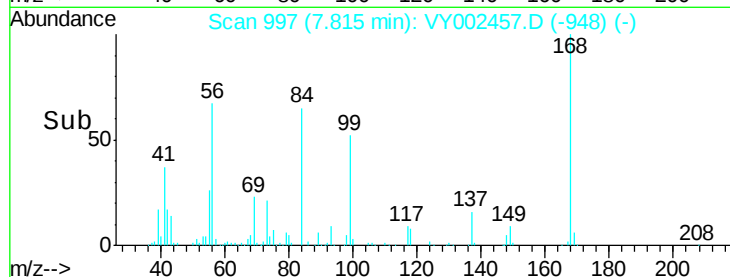
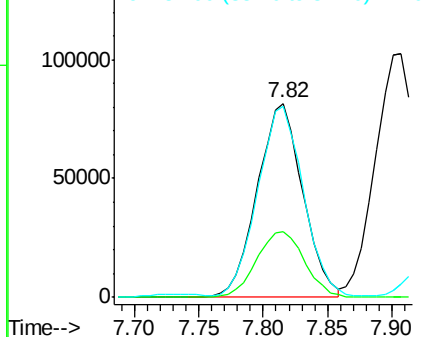
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	96.8	77.4	116.2

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 50.170 ug/l

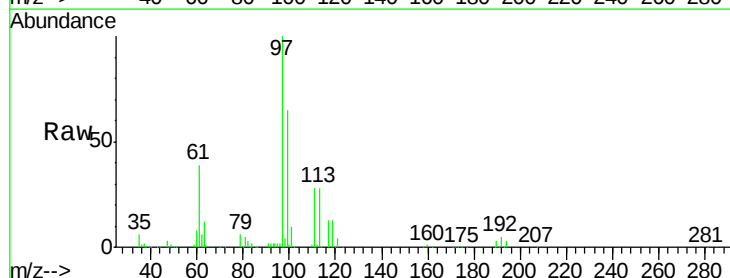
RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

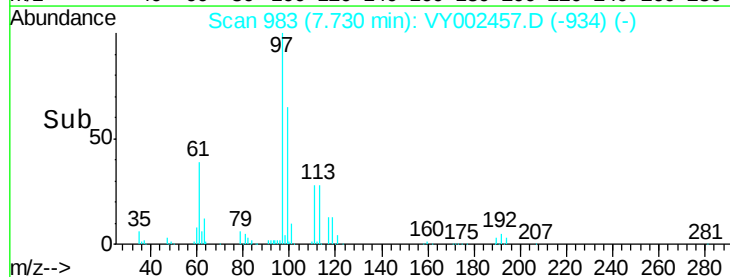
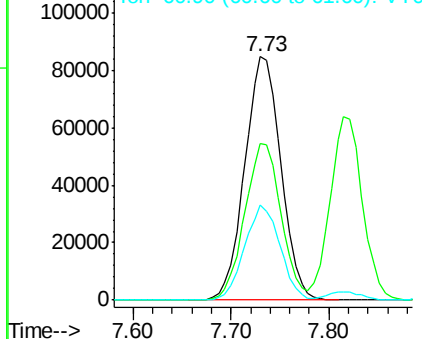
Lab File: VY002457.D

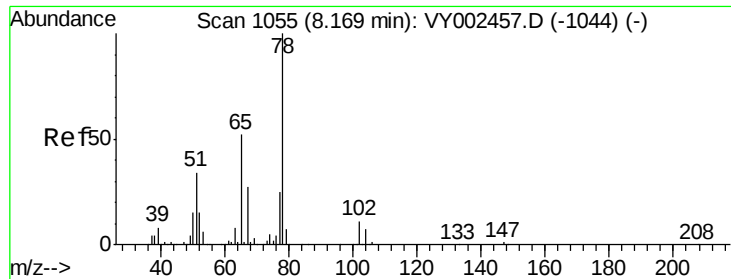
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	38.2	30.6	45.8



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0





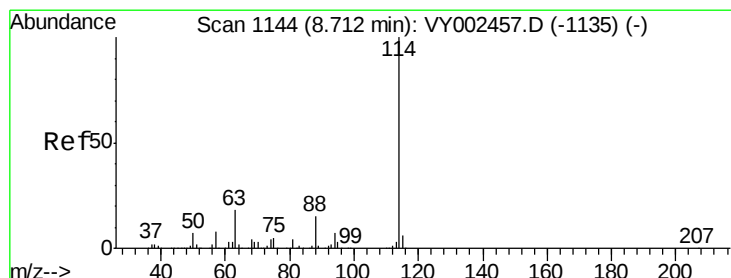
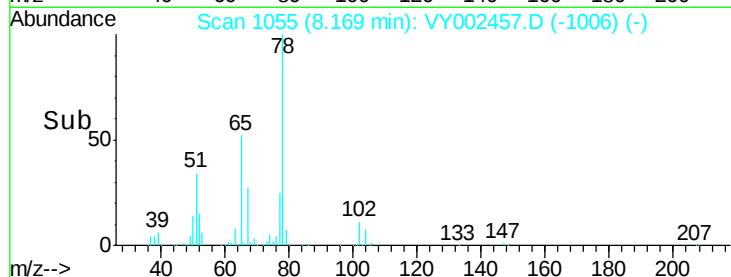
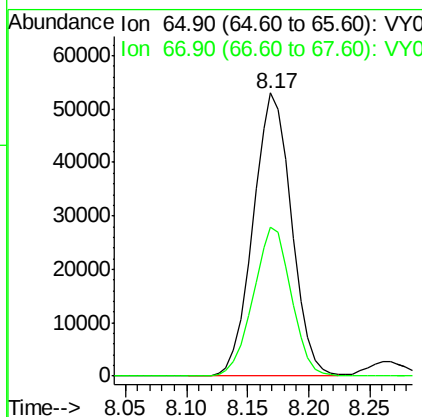
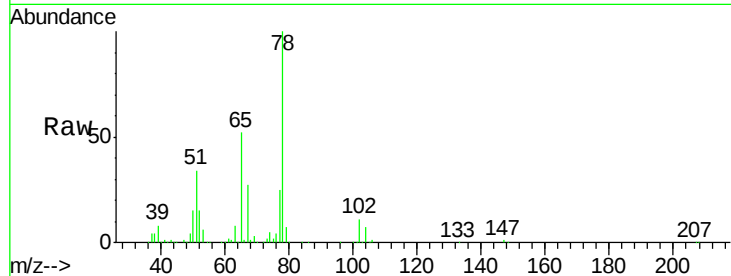
#33
 1,2-Dichloroethane-d4
 Concen: 45.835 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	104.2	

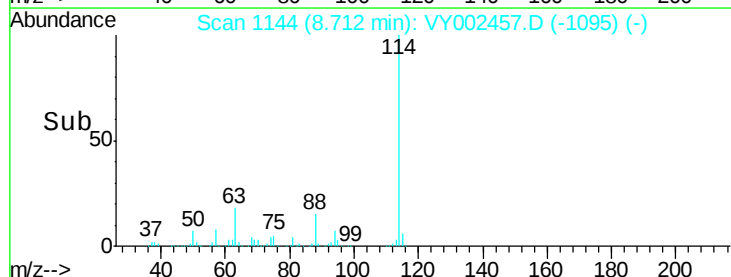
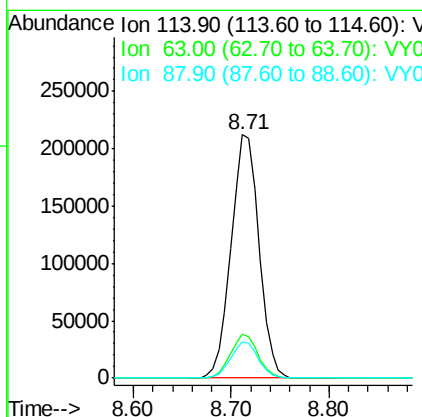
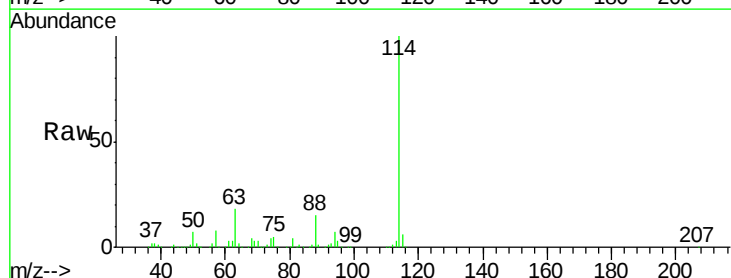
Manual Integrations
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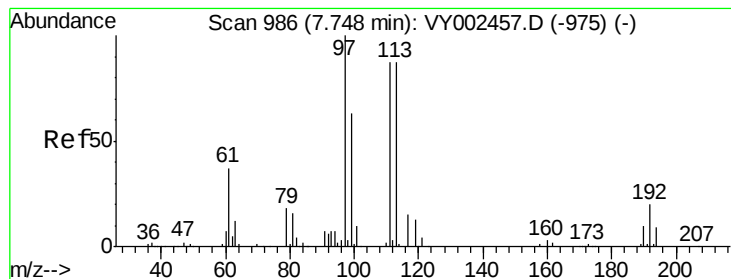
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	35.6	
88	14.7	0.0	29.4	





#35

Dibromofluoromethane

Concen: 47.579 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

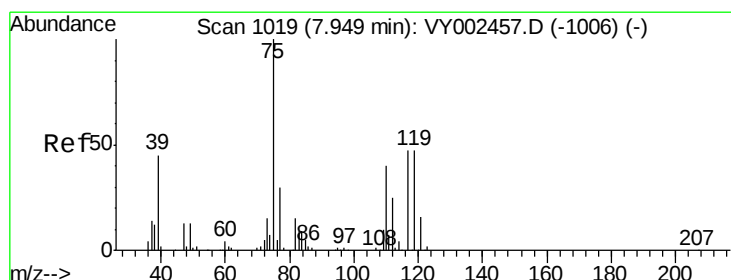
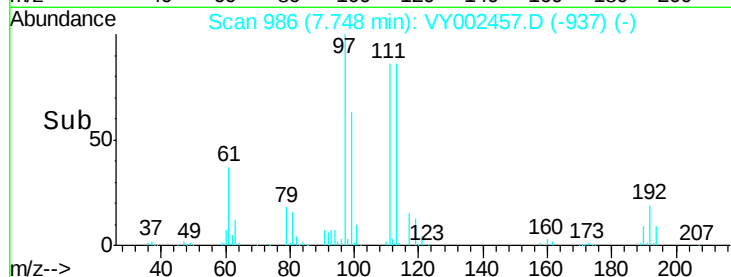
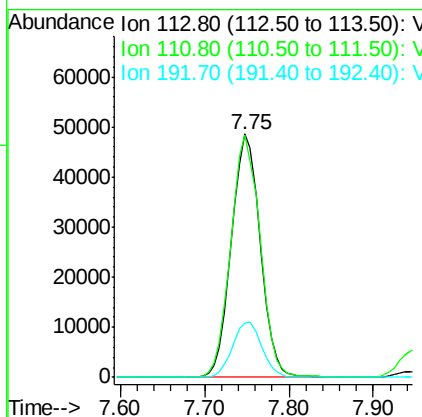
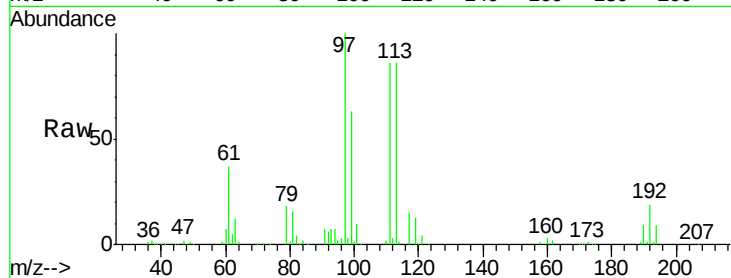
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	112859
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.0	121.4
192	23.2	18.6	27.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.359 ug/l

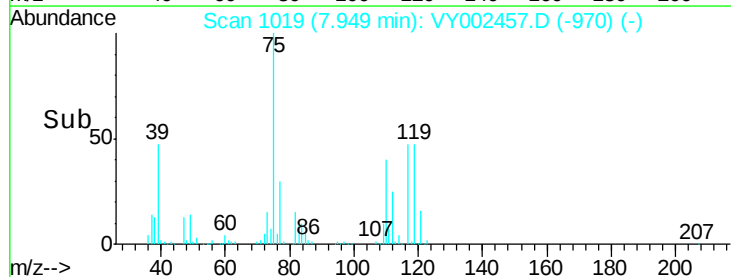
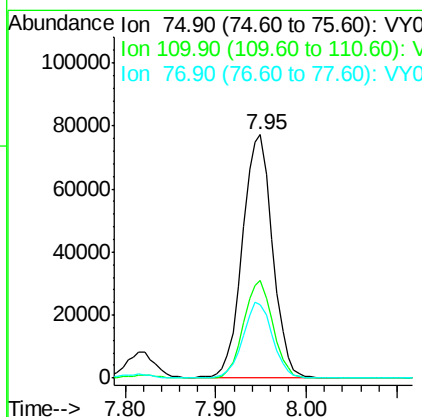
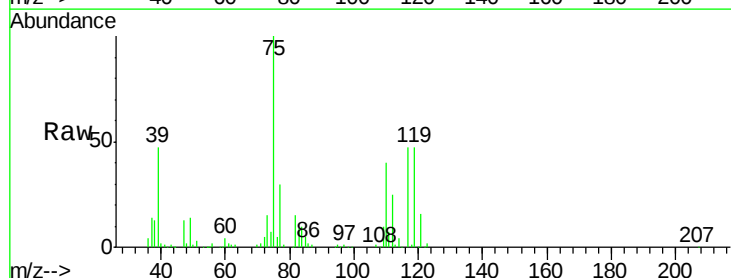
RT: 7.95 min Scan# 1019

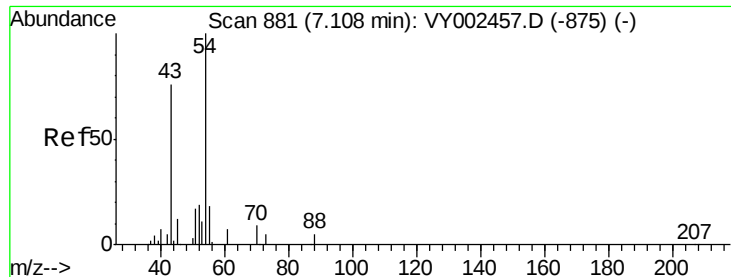
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	75	Resp:	177537
Ion Ratio	Lower	Upper	
75	100		
110	38.9	19.4	58.4
77	30.9	24.7	37.1





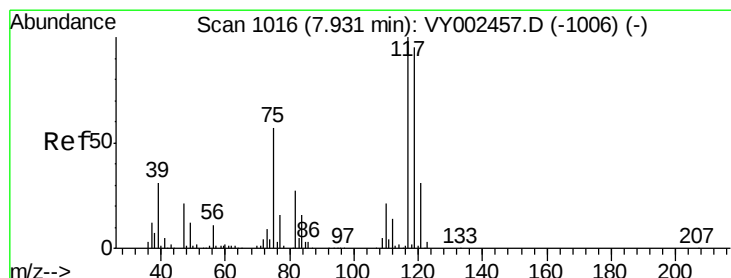
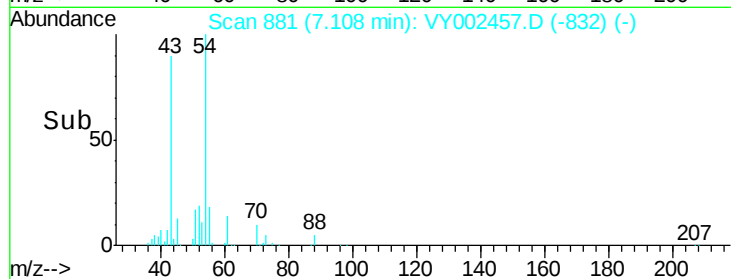
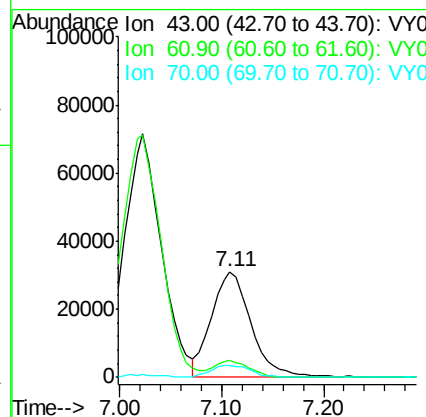
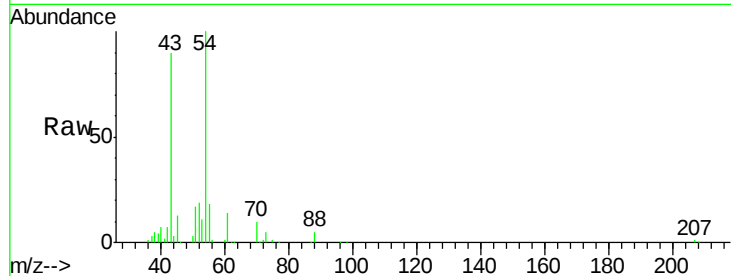
#37
Ethyl Acetate
Concen: 46.639 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	11.6	9.3	13.9

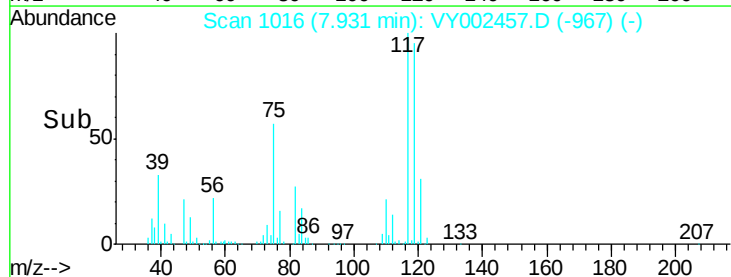
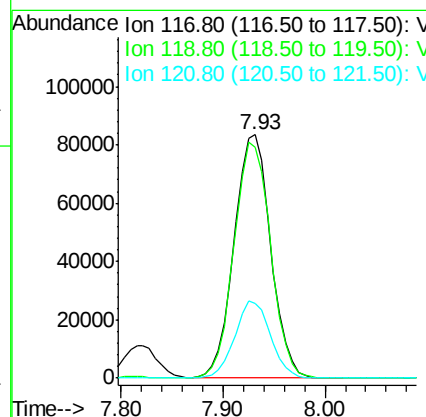
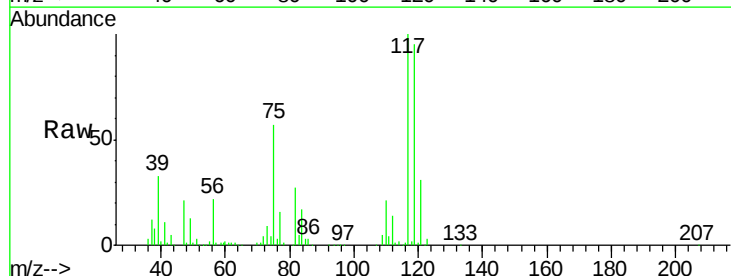
Manual Integrations
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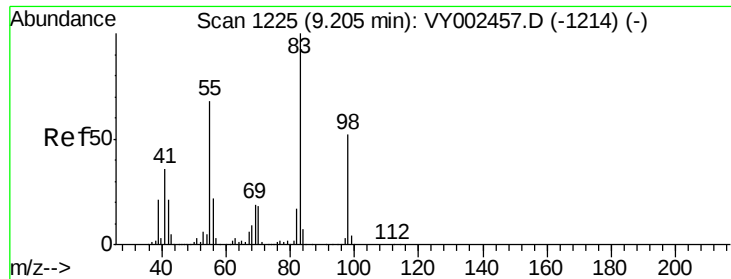
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#38
Carbon Tetrachloride
Concen: 50.380 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.9	113.9
121	30.6	24.5	36.7





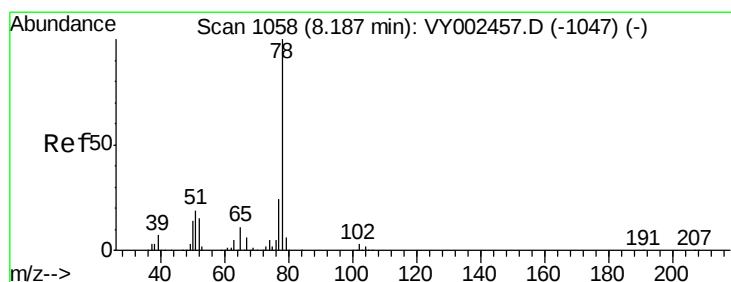
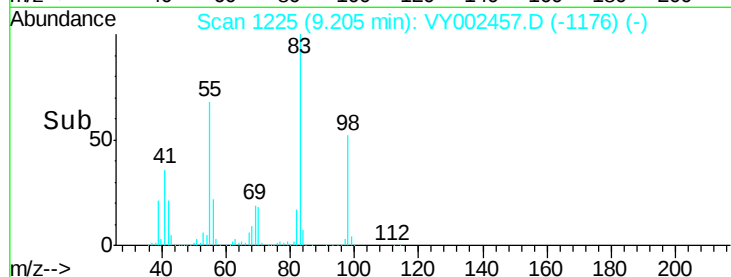
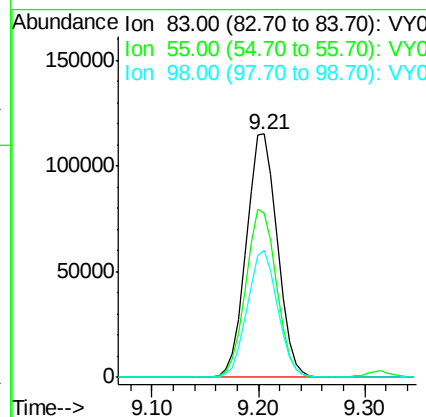
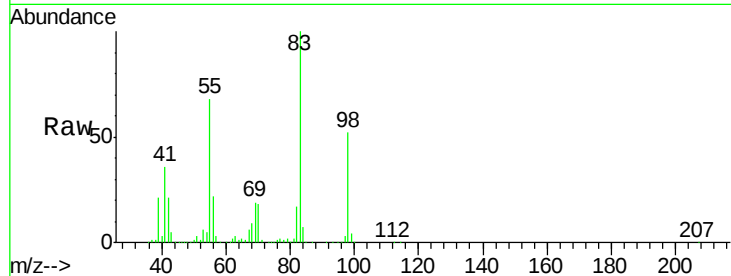
#39
Methylvlcvclohexane
Concen: 50.586 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	54.2	81.2
98	52.4	41.9	62.9

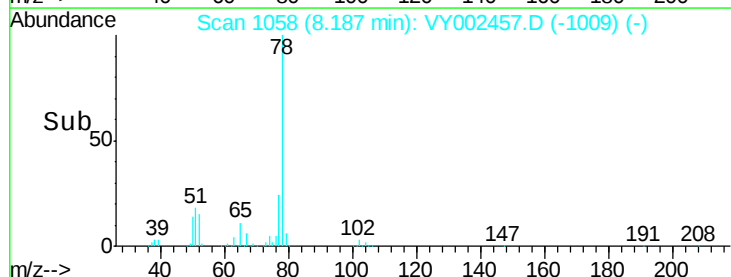
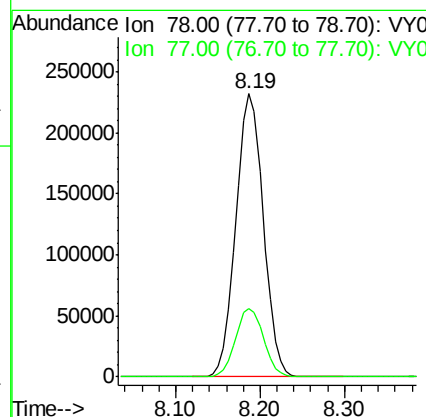
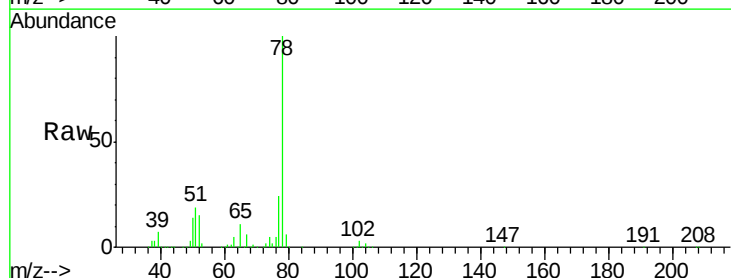
Manual Integrations
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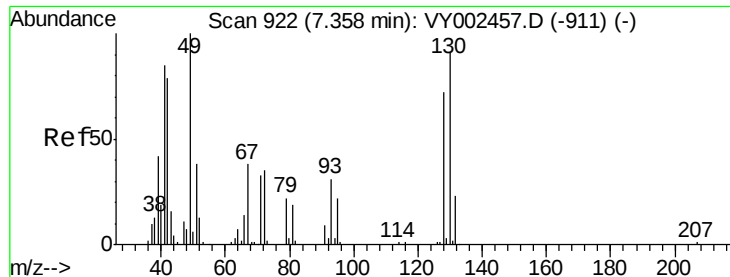
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#40
Benzene
Concen: 49.129 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41

Methacrylonitrile

Concen: 24.273 ug/l m

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 51837

Ion Ratio Lower Upper

41 100

39 107.1 85.7 128.5

67 0.0 0.0 0.0

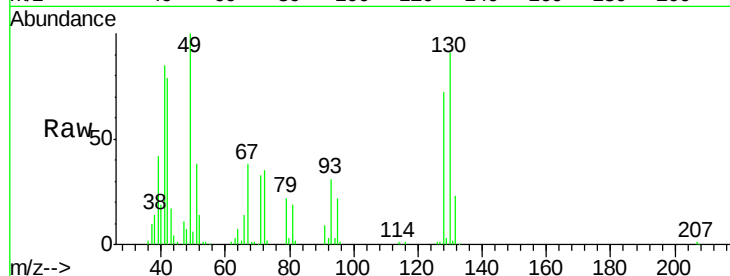
52 0.0 0.0 0.0

Manual Integrations

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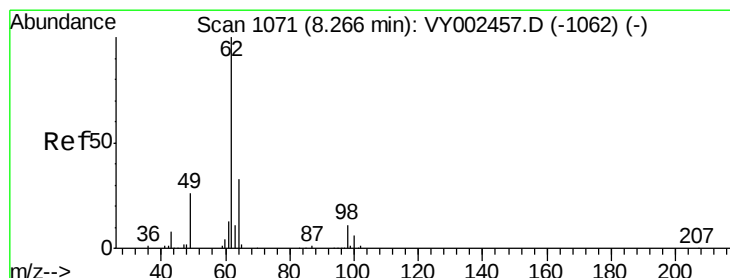
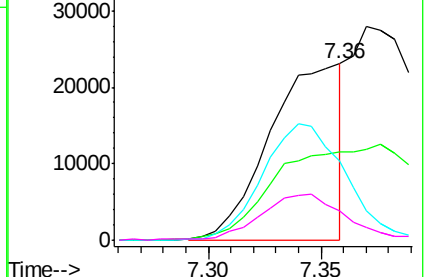
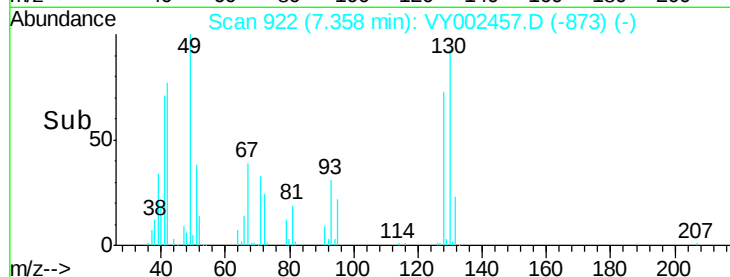


Abundance Ion 41.00 (40.70 to 41.70): VY0

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: 48.879 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VY002457.D

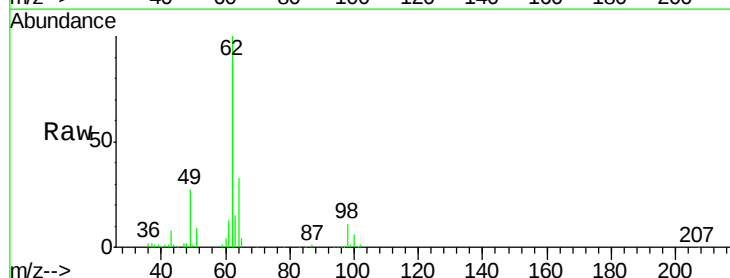
Acq: 23 Apr 2020 12:25

Tgt Ion: 62 Resp: 146851

Ion Ratio Lower Upper

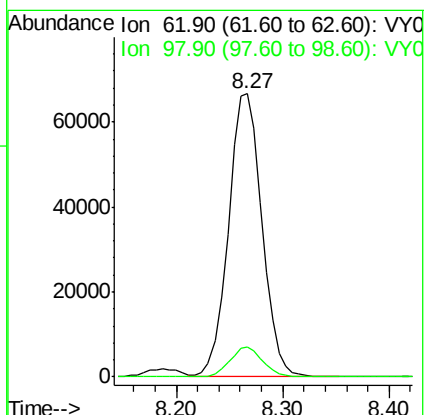
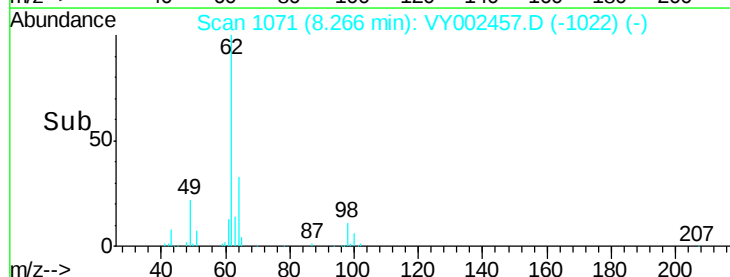
62 100

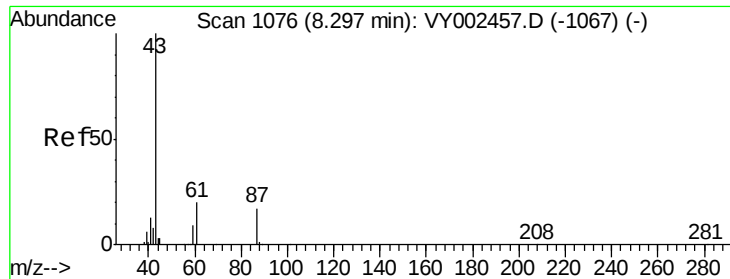
98 10.3 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





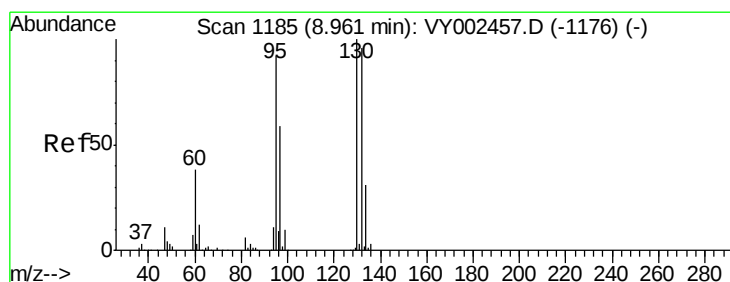
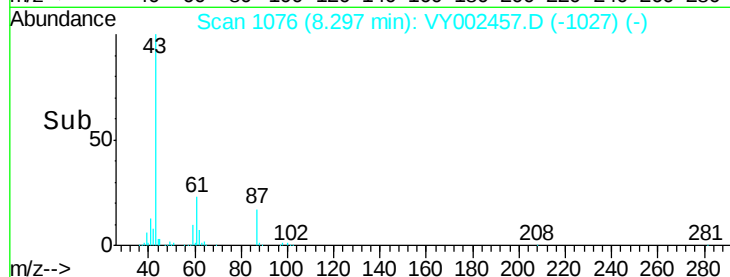
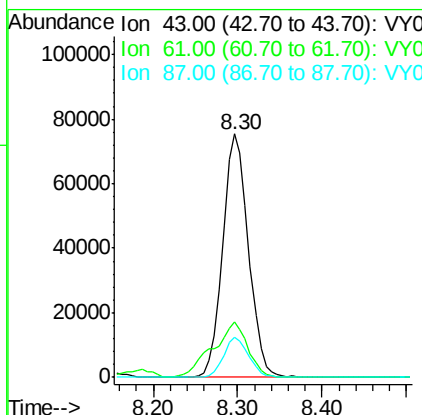
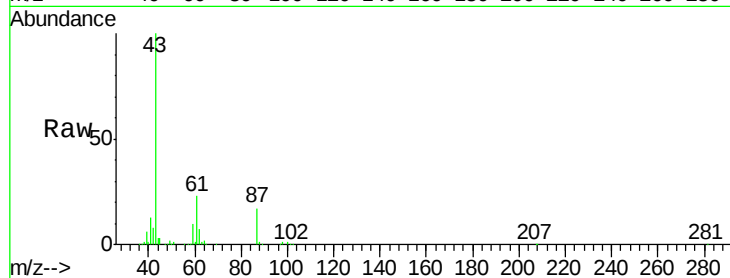
#43
Isopropyl Acetate
Concen: 47.506 ug/l
RT: 8.30 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	25.0	37.4
87	16.2	13.0	19.4

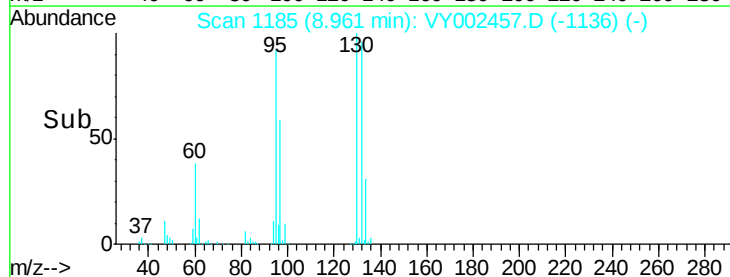
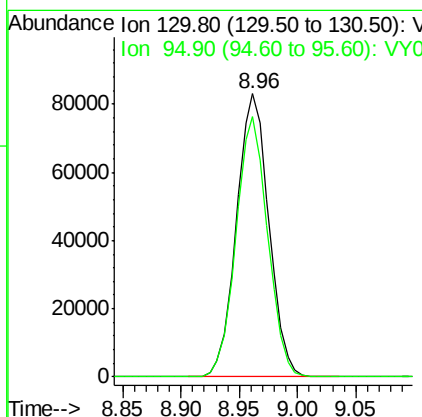
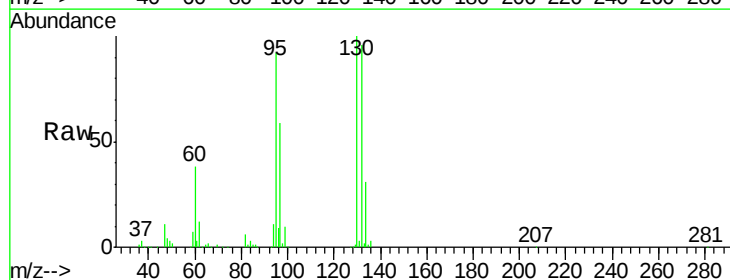
Manual Integrations
APPROVED

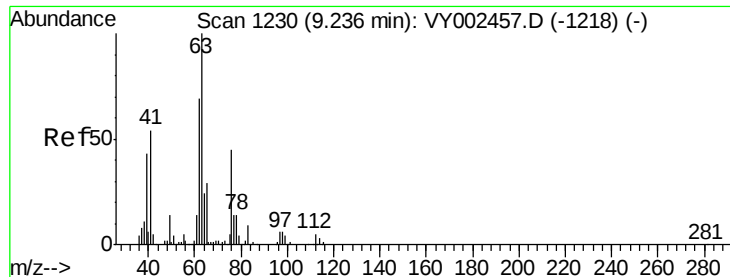
MMDadoda
4/24/2020 1:33:31 PM



#44
Trichloroethene
Concen: 49.324 ug/l
RT: 8.96 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	184.2





#45

1,2-Dichloropropane

Concen: 48.977 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 117311

Ion Ratio Lower Upper

63 100

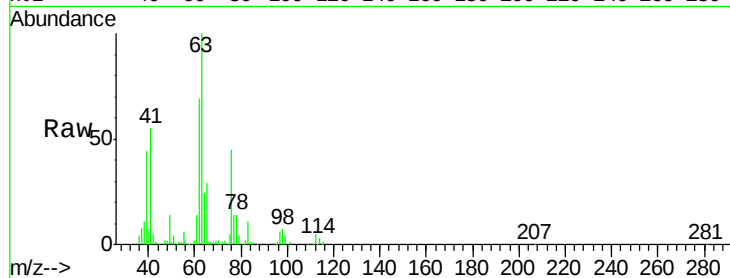
65 29.2 23.4 35.0

Manual Integrations

APPROVED

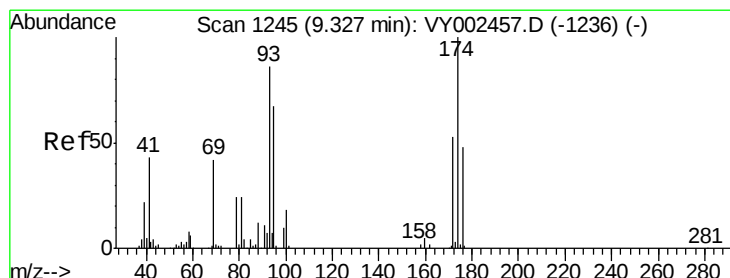
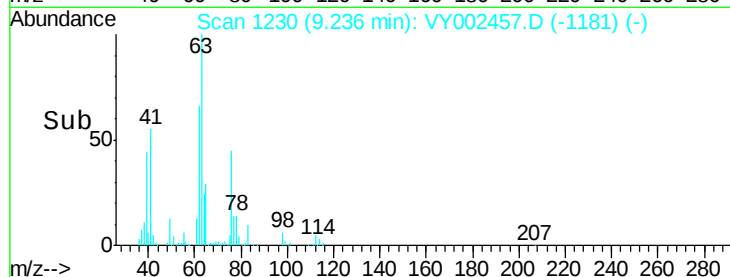
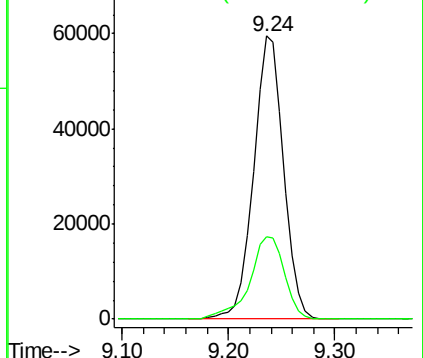
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 49.508 ug/l

RT: 9.33 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

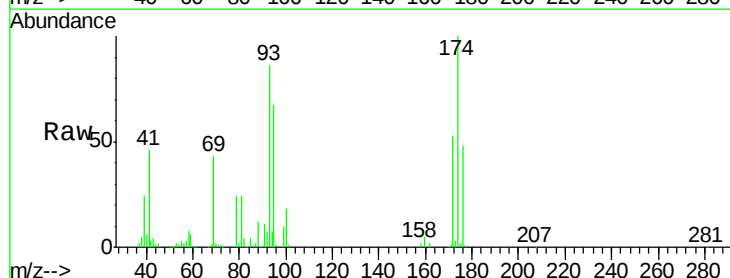
Tgt Ion: 93 Resp: 68812

Ion Ratio Lower Upper

93 100

95 81.7 65.4 98.0

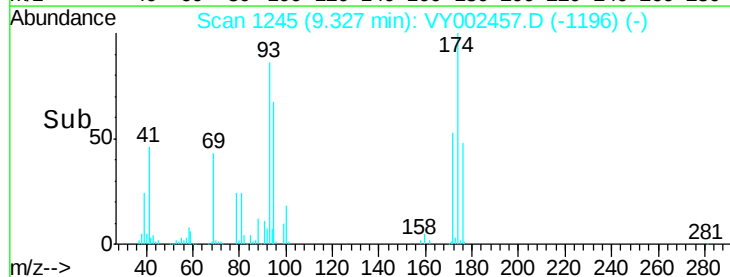
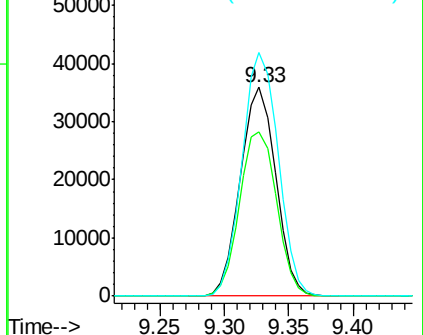
174 118.5 94.8 142.2

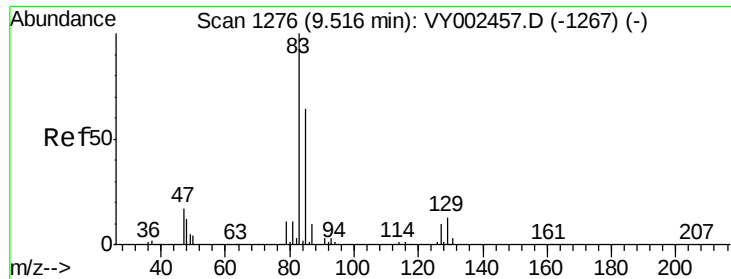


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.960 ug/l

RT: 9.52 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

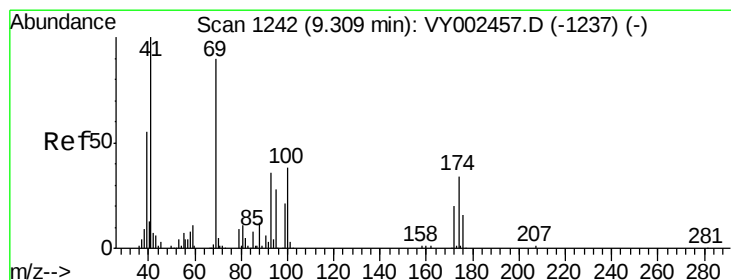
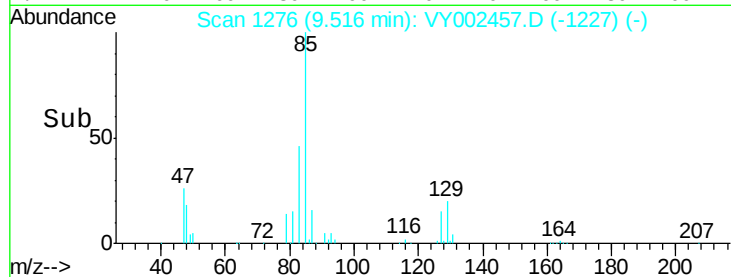
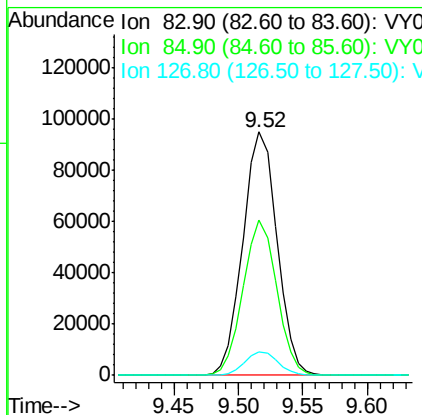
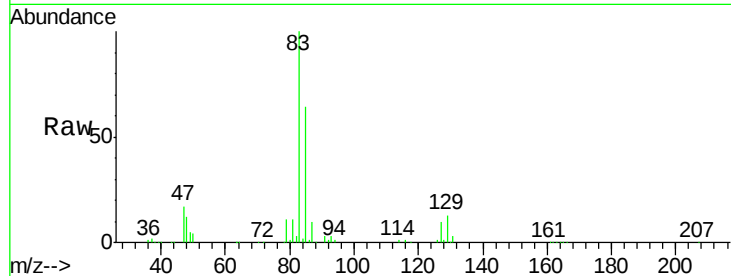
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	174053
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	9.6	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.459 ug/l

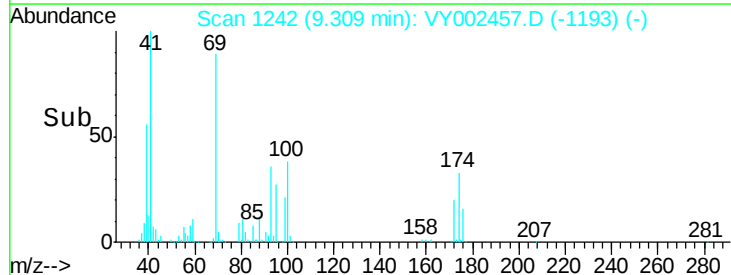
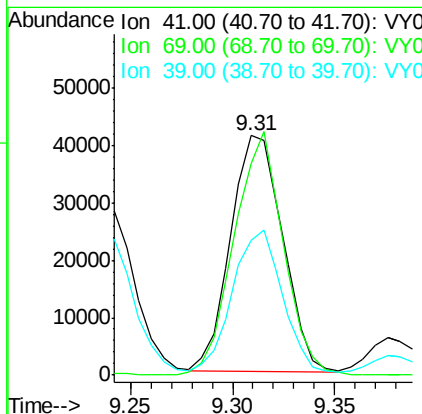
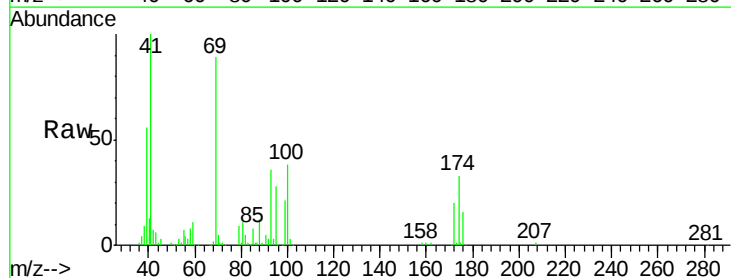
RT: 9.31 min Scan# 1242

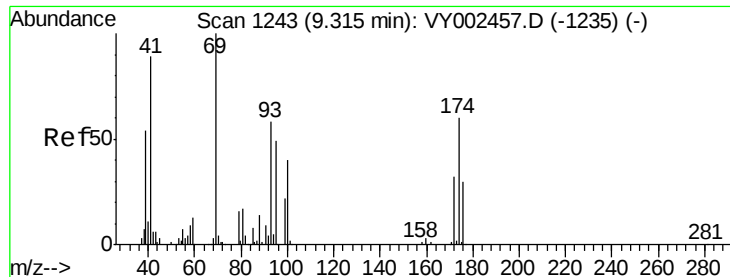
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	41	Resp:	73079
Ion	Ratio	Lower	Upper
41	100		
69	97.4	77.9	116.9
39	59.9	47.9	71.9





#49

1,4-Dioxane

Concen: 1025.628 ug/l

RT: 9.32 min Scan# 1243

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 88 Resp: 17934

Ion Ratio Lower Upper

88 100

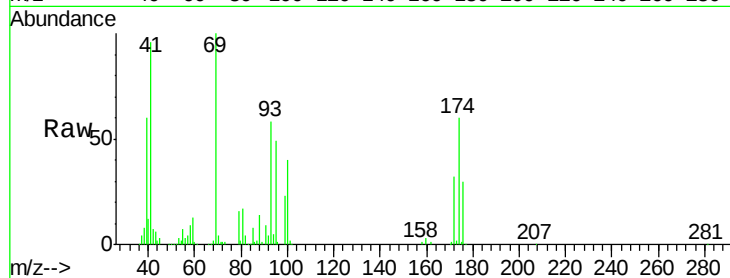
43 28.6 22.9 34.3

58 61.9 49.5 74.3

Manual Integrations
APPROVED

MMDadoda

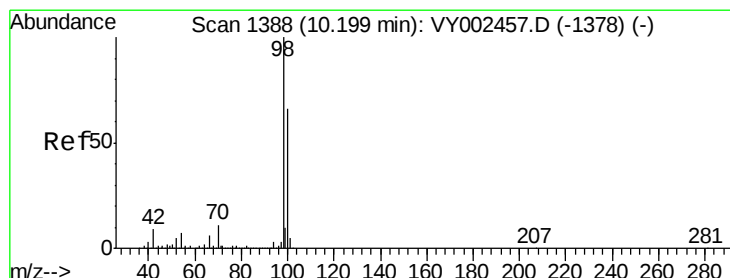
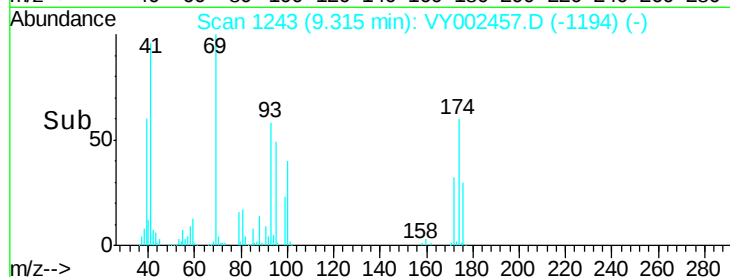
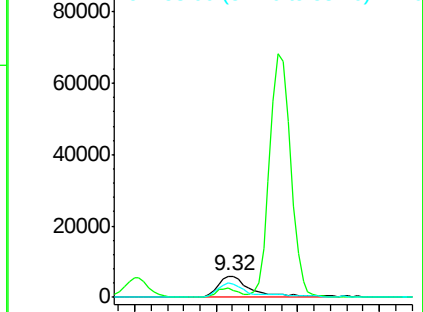
4/24/2020 1:33:31 PM



Abundance Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 46.003 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VY002457.D

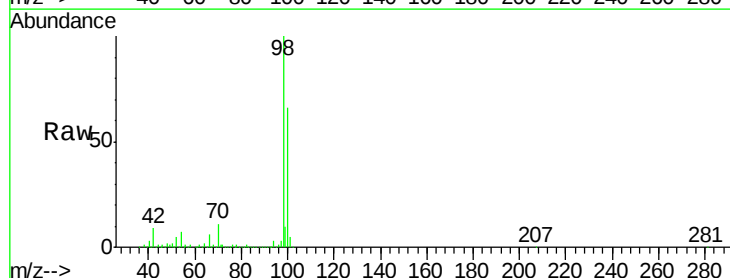
Acq: 23 Apr 2020 12:25

Tgt Ion: 98 Resp: 439715

Ion Ratio Lower Upper

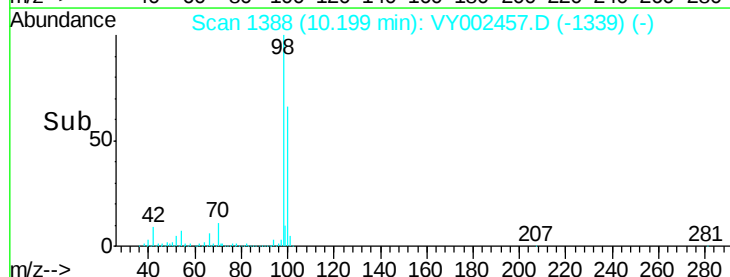
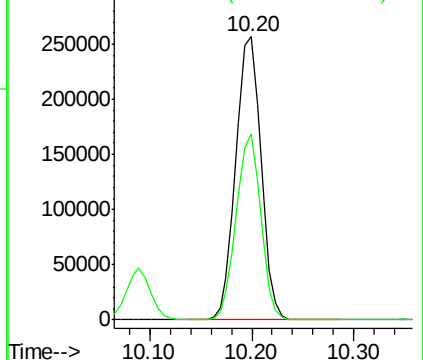
98 100

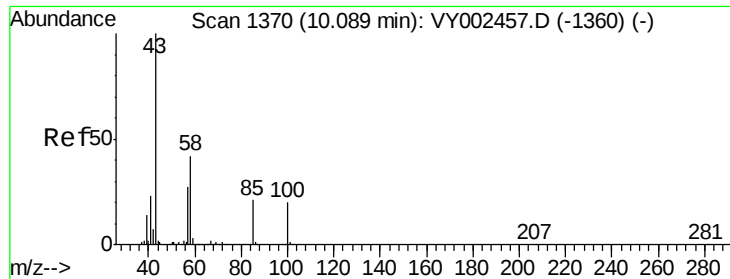
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





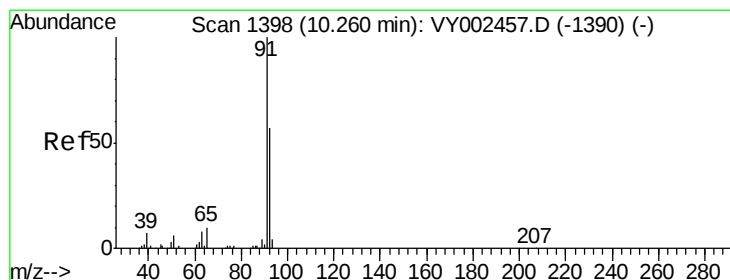
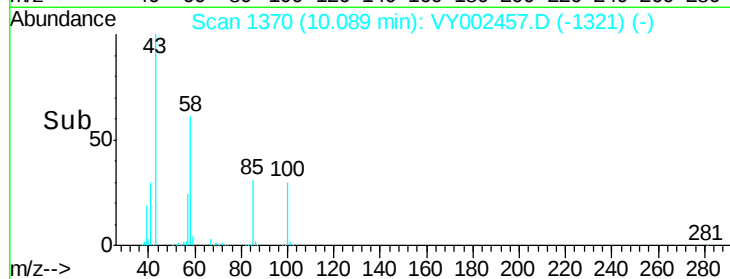
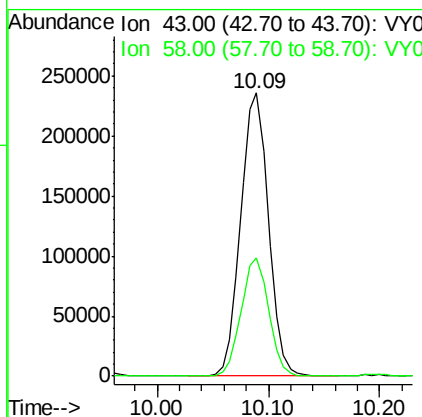
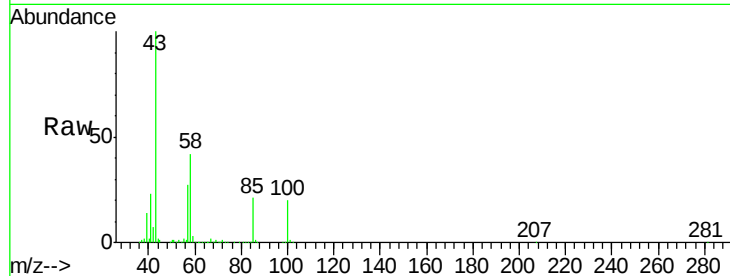
#51
4-Methyl-2-Pentanone
Concen: 238.024 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 408287
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8

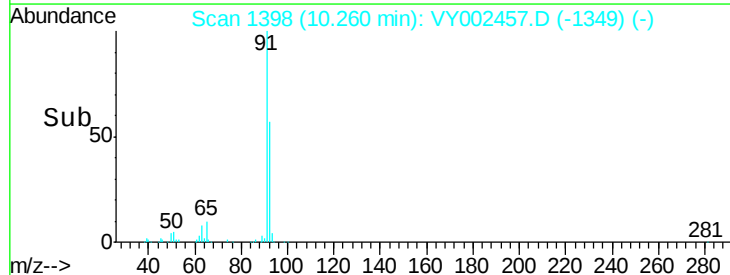
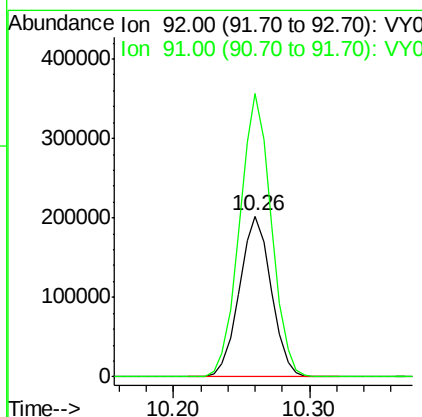
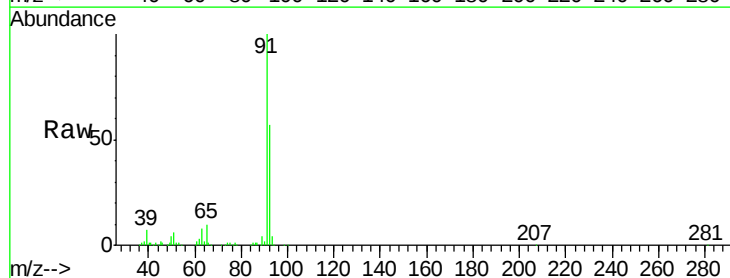
Manual Integrations
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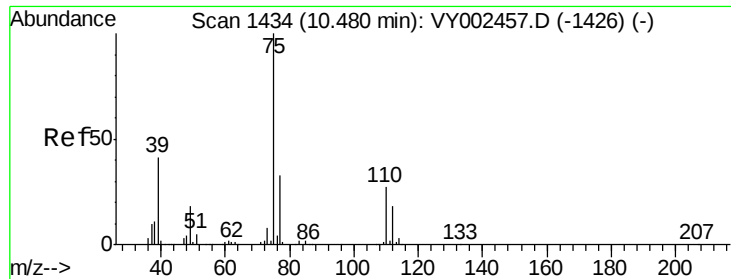
MMDadoda
4/24/2020 1:33:31 PM



#52
Toluene
Concen: 49.667 ug/l
RT: 10.26 min Scan# 1398
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 92 Resp: 330542
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.2





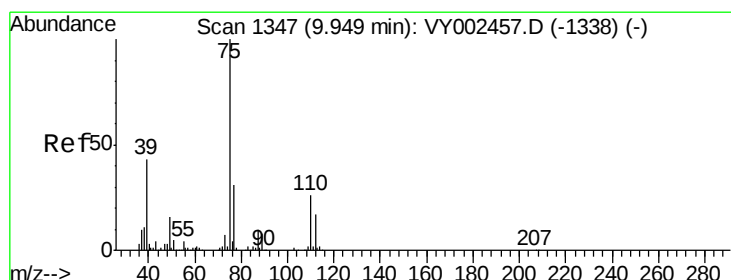
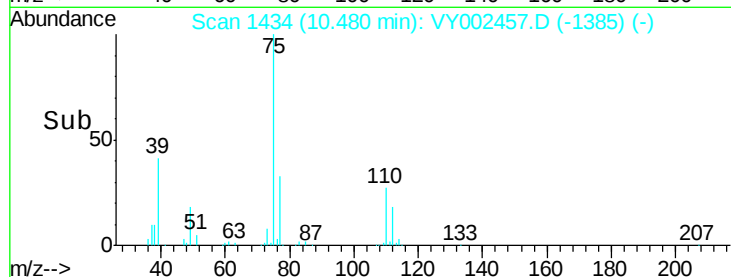
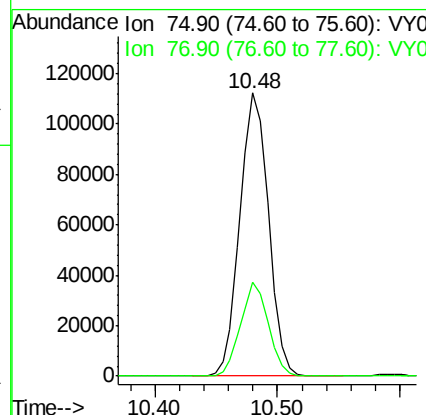
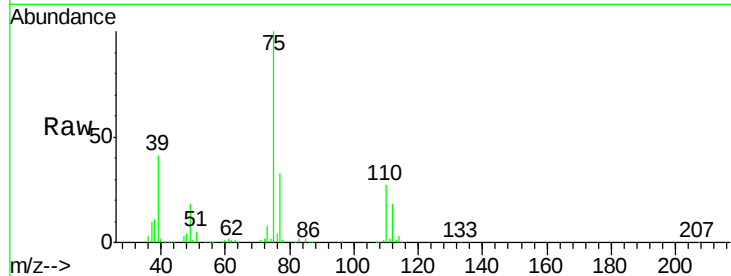
#53
t-1,3-Dichloropropene
Concen: 50.266 ug/l
RT: 10.48 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.4	39.6

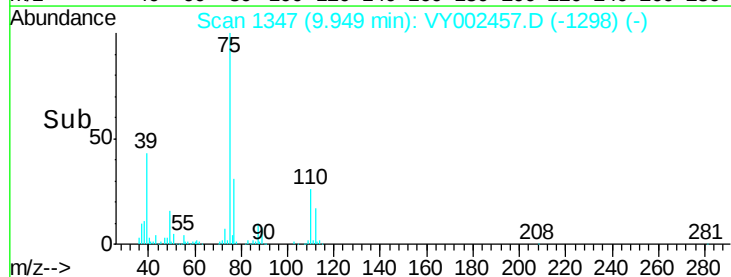
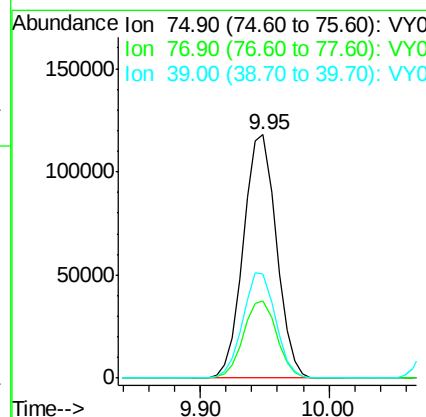
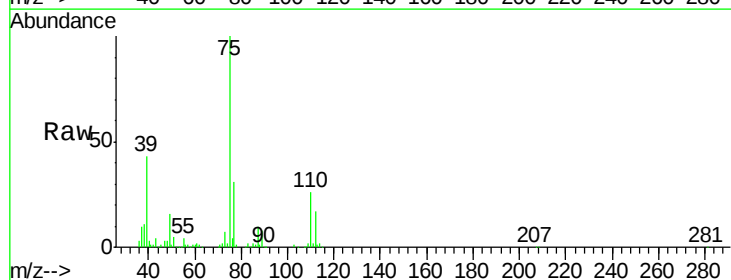
Manual Integrations
APPROVED

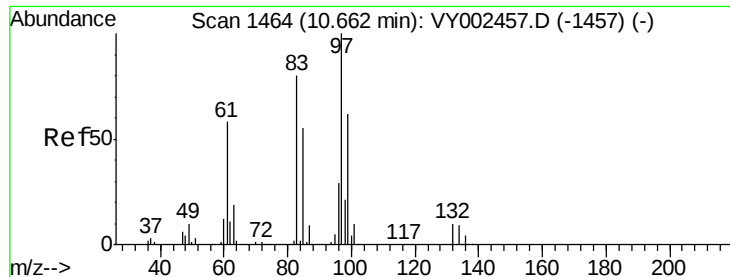
MMDadoda
4/24/2020 1:33:31 PM



#54
cis-1,3-Dichloropropene
Concen: 49.973 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.2	37.8
39	42.7	34.2	51.2





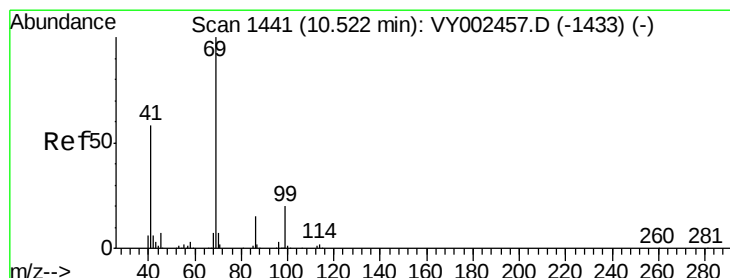
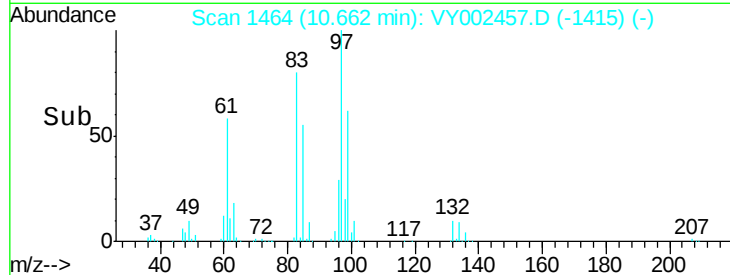
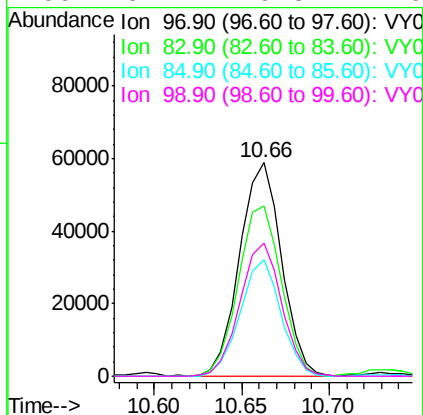
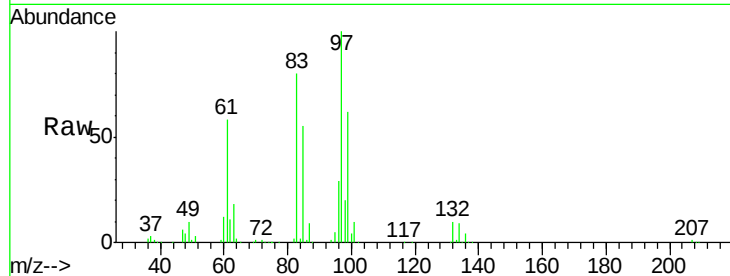
#55
 1,1,2-Trichloroethane
 Concen: 47.629 ug/l
 RT: 10.66 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	98039
Ion	Ratio	Lower	Upper
97	100		
83	79.8	63.8	95.8
85	54.9	43.9	65.9
99	62.2	49.8	74.6

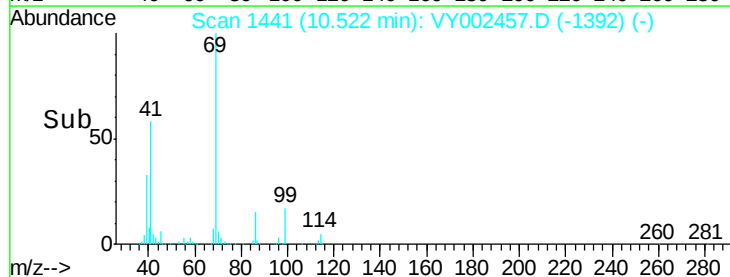
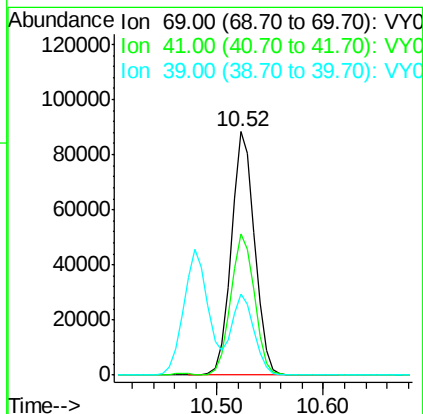
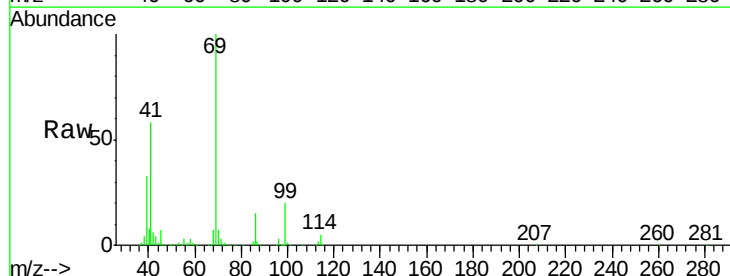
Manual Integrations
 APPROVED

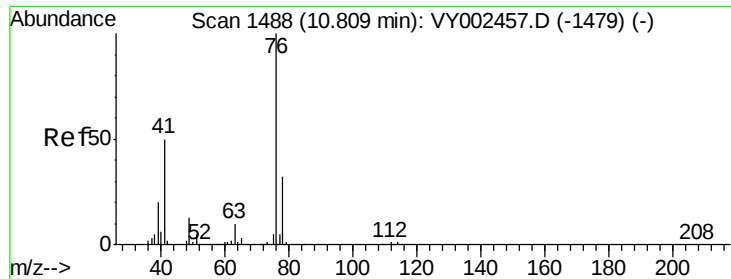
MMDadoda
 4/24/2020 1:33:31 PM



#56
 Ethyl methacrylate
 Concen: 48.661 ug/l
 RT: 10.52 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion:	69	Resp:	135431
Ion	Ratio	Lower	Upper
69	100		
41	59.4	47.5	71.3
39	32.1	25.7	38.5





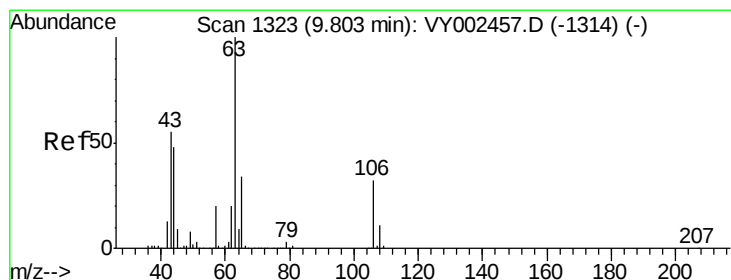
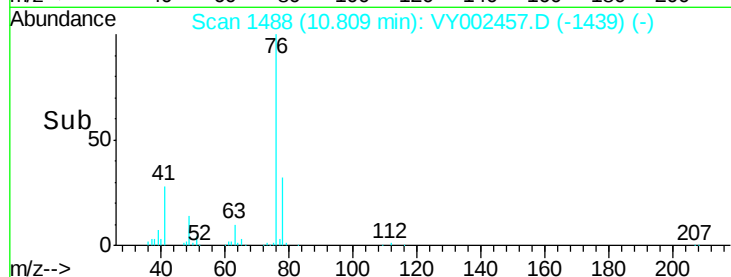
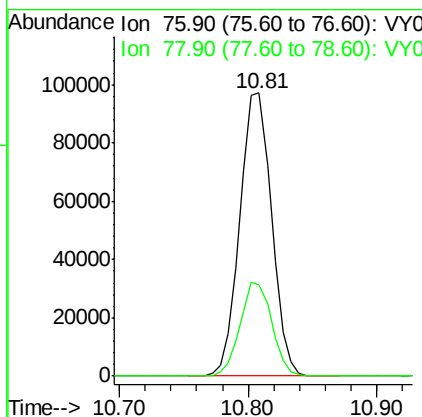
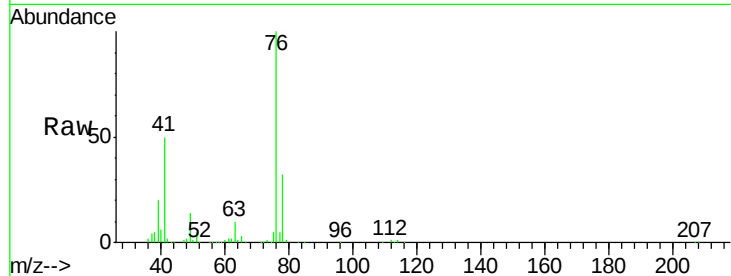
#57
 1,3-Dichloropropane
 Concen: 47.770 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 165894
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

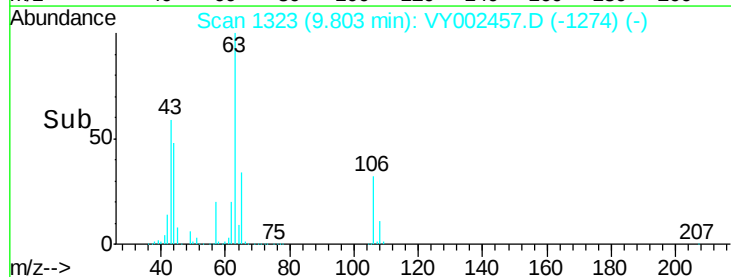
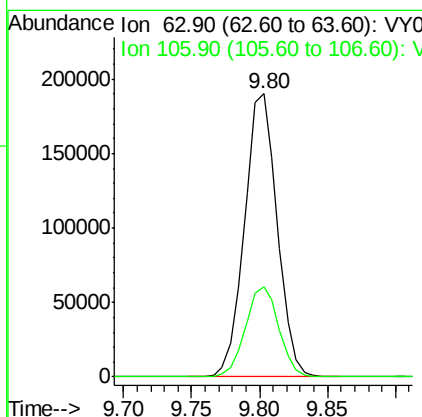
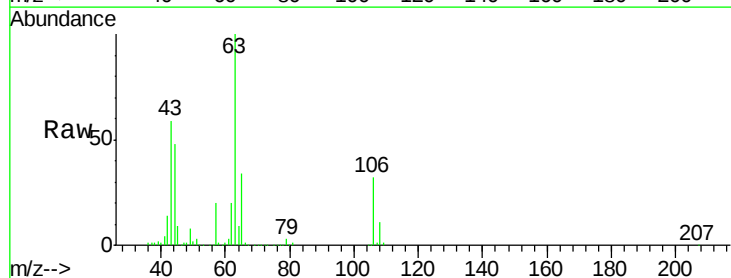
Manual Integrations
 APPROVED

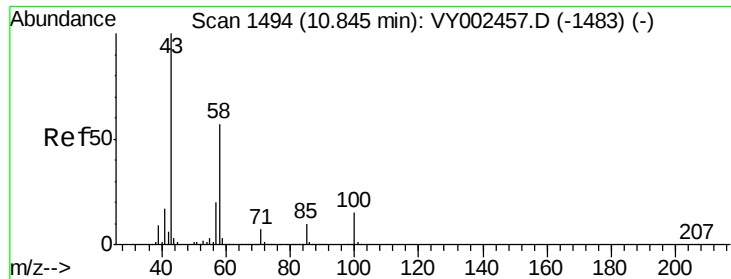
MMDadoda
 4/24/2020 1:33:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.978 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion: 63 Resp: 319430
 Ion Ratio Lower Upper
 63 100
 106 32.5 26.0 39.0





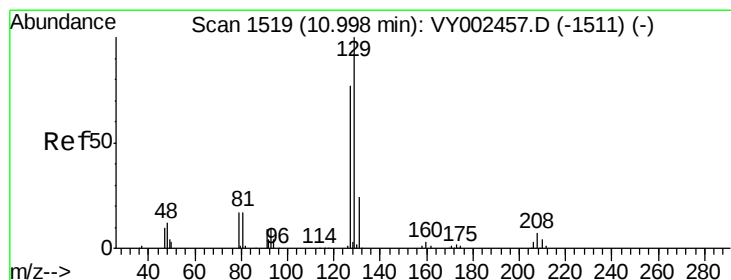
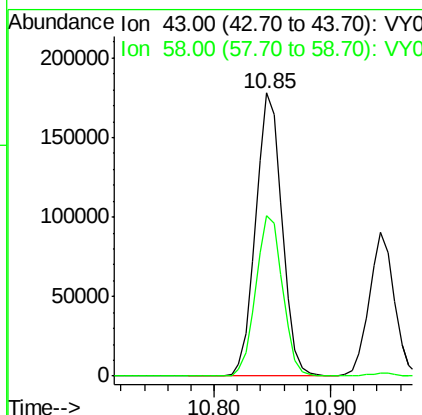
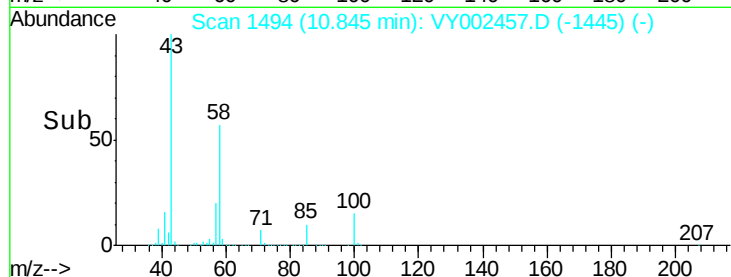
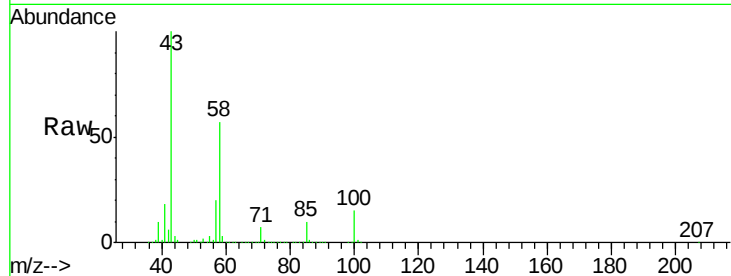
#59
2-Hexanone
Concen: 237.425 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 281774
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4

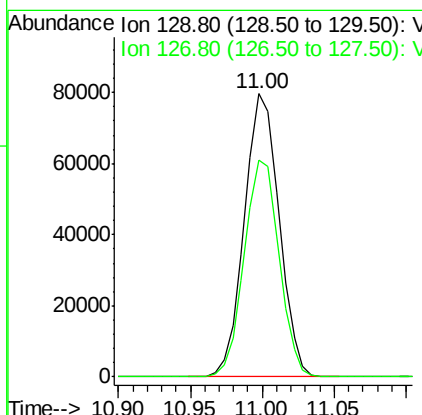
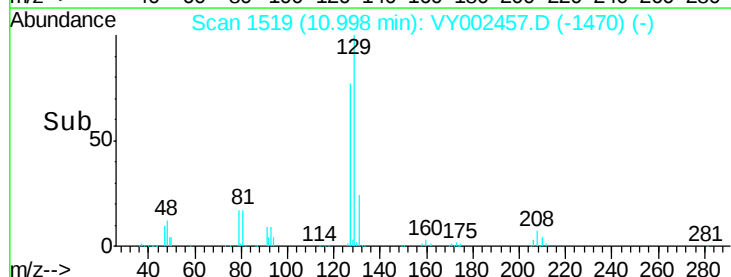
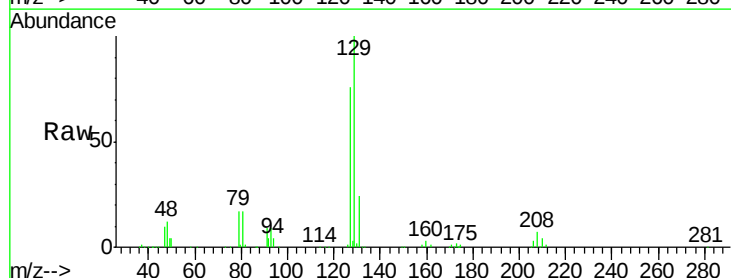
Manual Integrations
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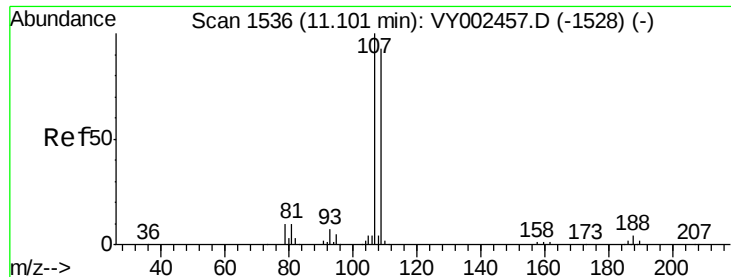
MMDadoda
4/24/2020 1:33:31 PM



#60
Dibromochloromethane
Concen: 49.665 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 129 Resp: 133218
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





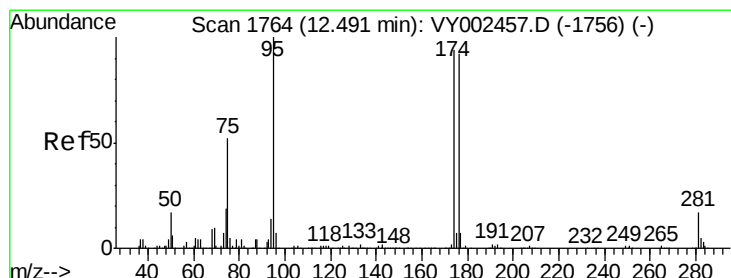
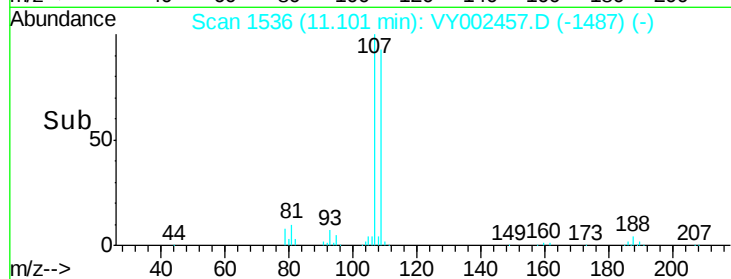
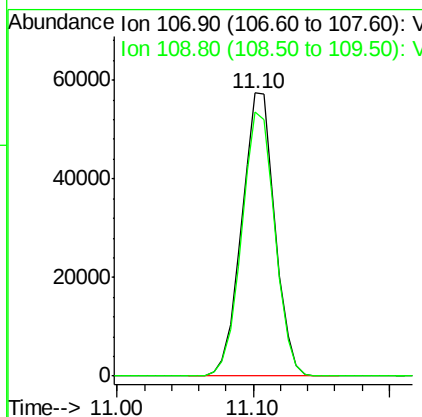
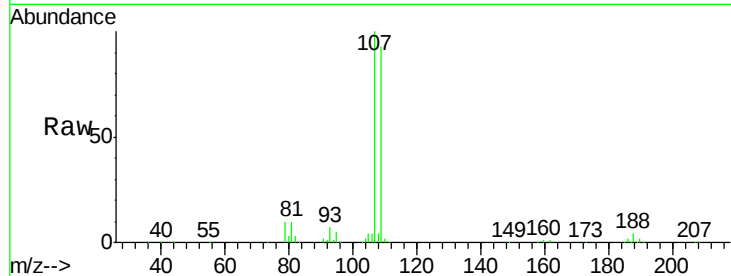
#61
 1,2-Dibromoethane
 Concen: 47.924 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	74.9	112.3

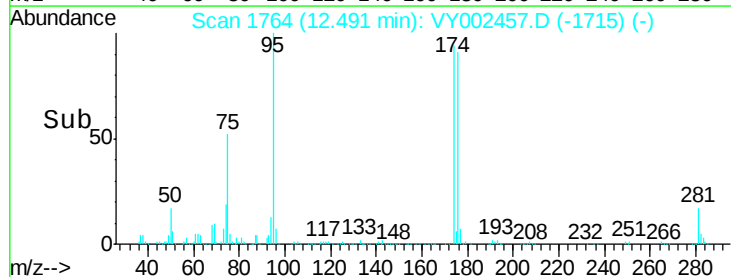
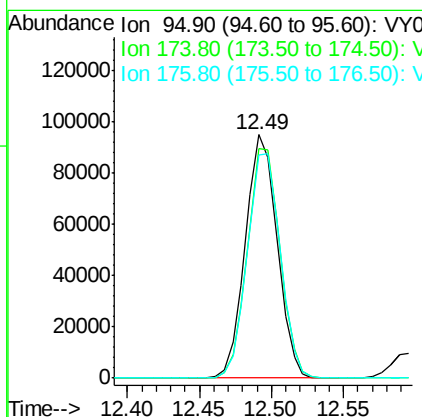
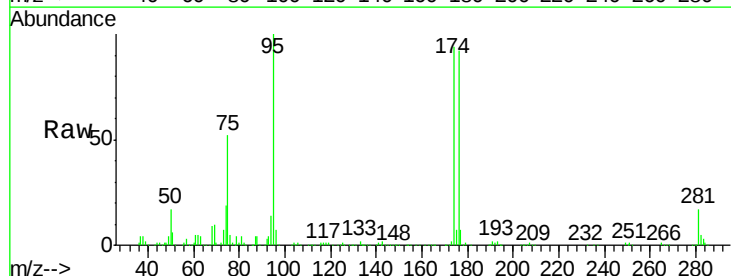
Manual Integrations
 APPROVED

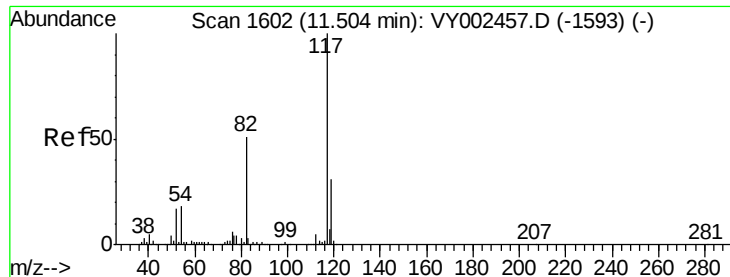
MMDadoda
 4/24/2020 1:33:31 PM



#62
 4-Bromofluorobenzene
 Concen: 45.305 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	193.0
176	95.2	0.0	190.4





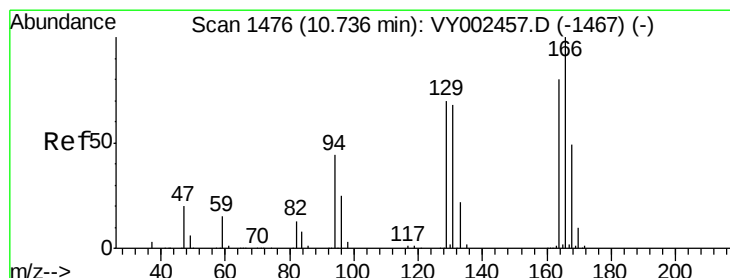
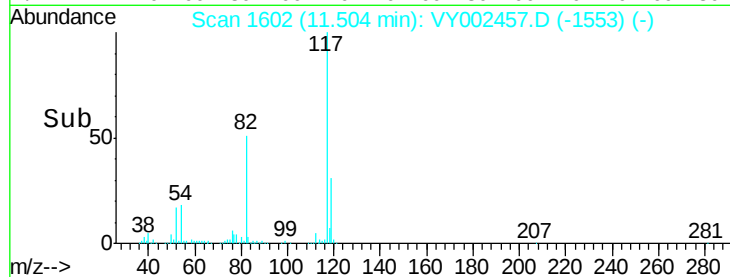
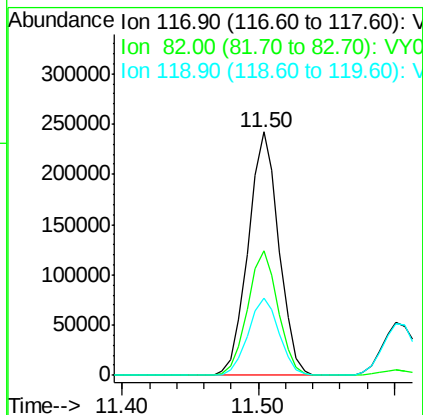
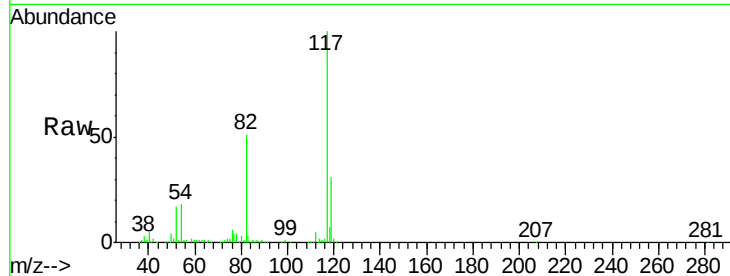
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	381583		
82	51.0		40.8	61.2
119	31.5		25.2	37.8

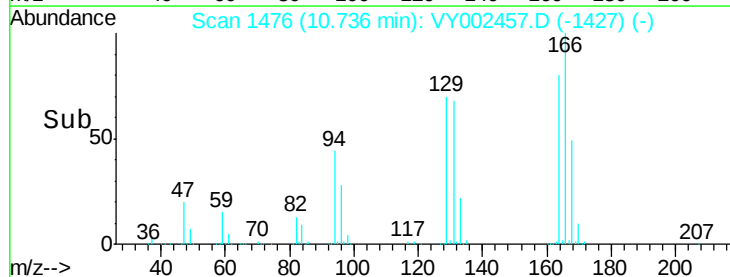
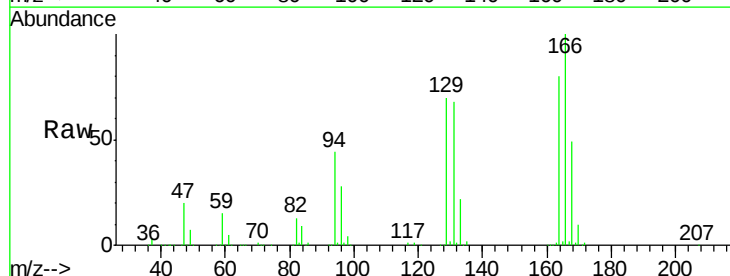
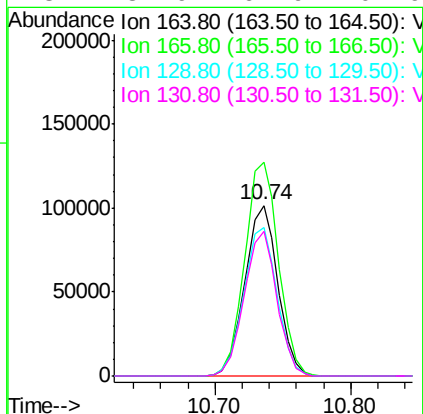
Manual Integrations
APPROVED

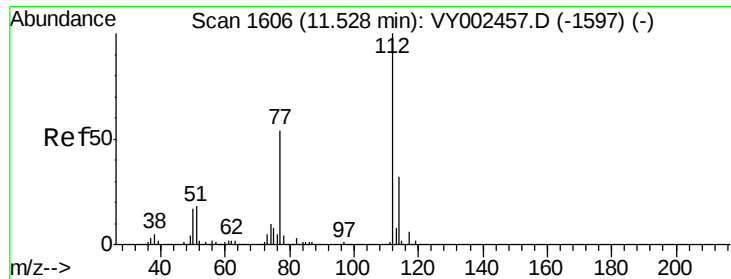
MMDadoda
4/24/2020 1:33:31 PM



#64
Tetrachloroethene
Concen: 49.033 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172055		
166	125.0		100.0	150.0
129	87.3		69.8	104.8
131	84.9		67.9	101.9





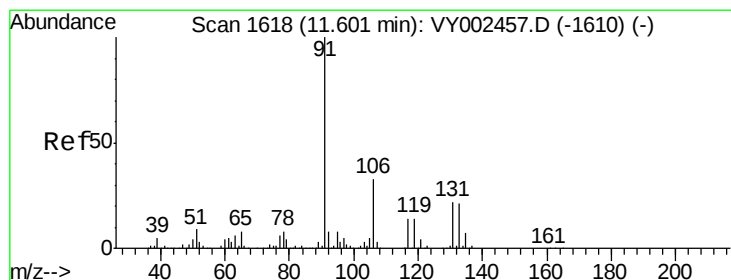
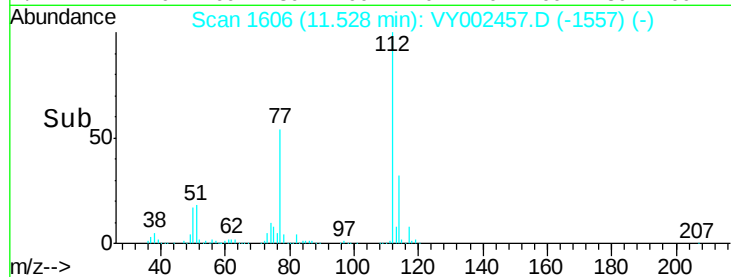
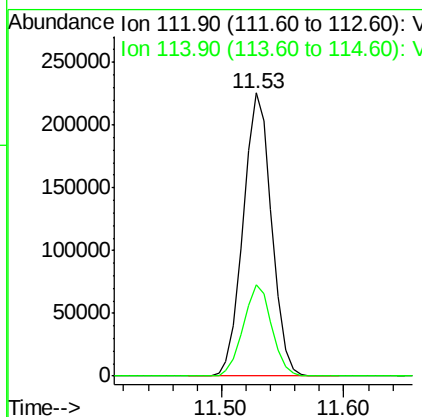
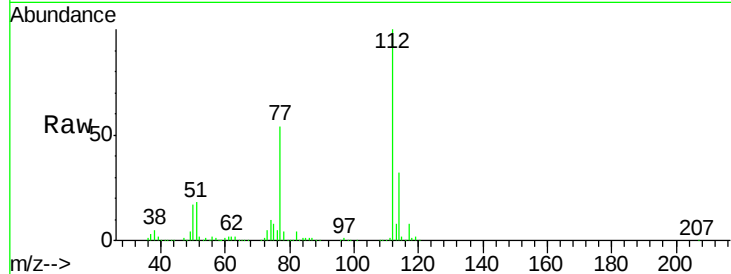
#65
Chlorobenzene
Concen: 49.216 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

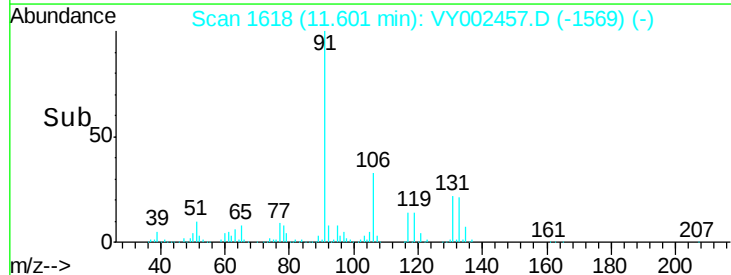
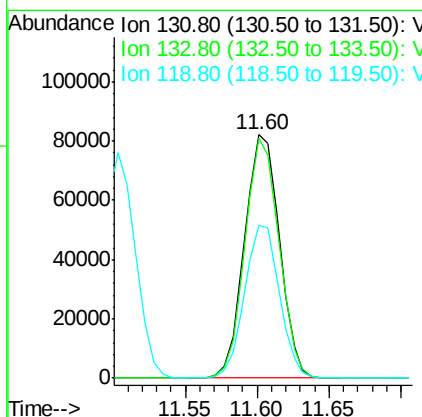
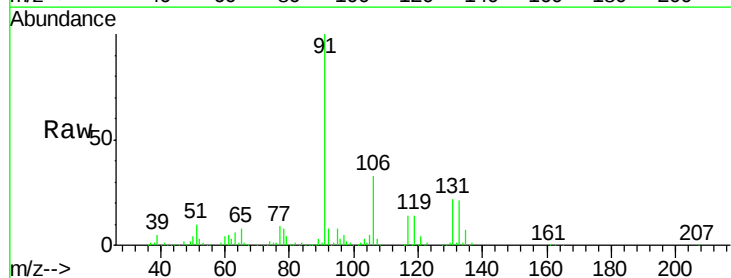
Manual Integrations
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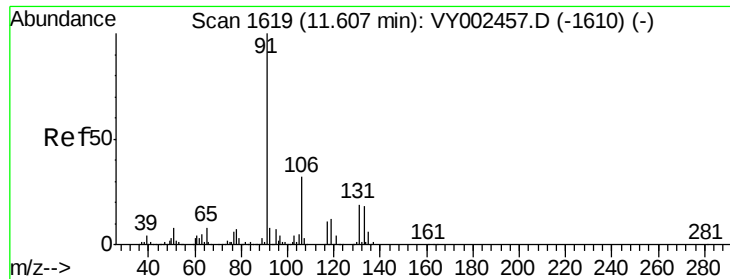
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.324 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.8	143.4
119	62.2	31.1	93.3





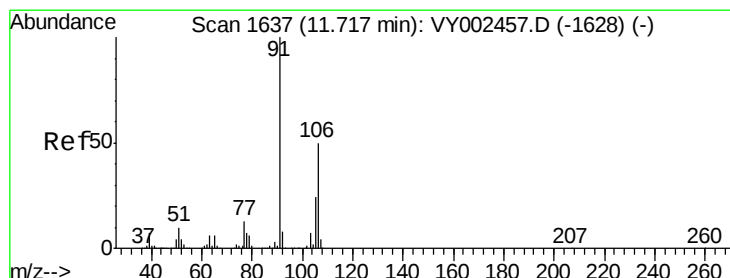
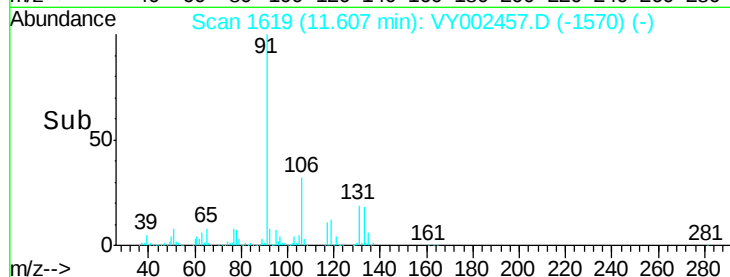
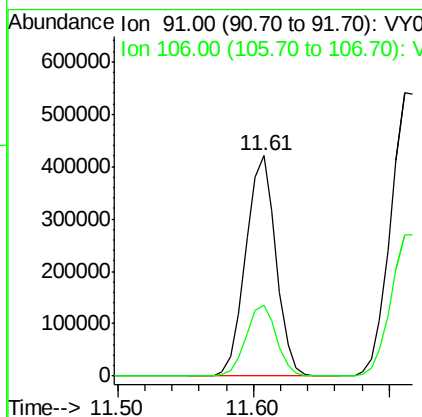
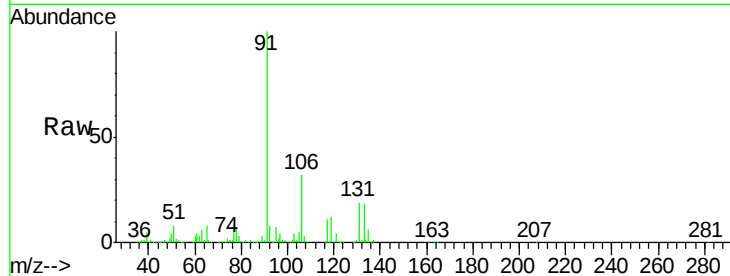
#67
Ethyl Benzene
Concen: 50.120 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 653767
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6

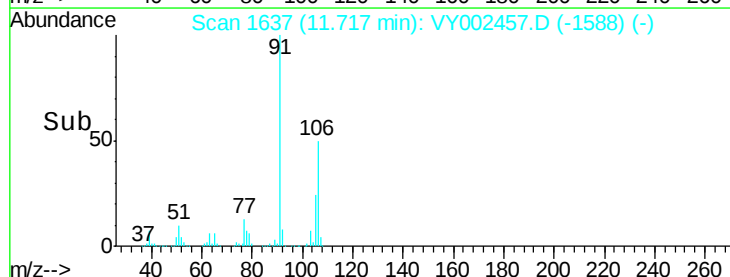
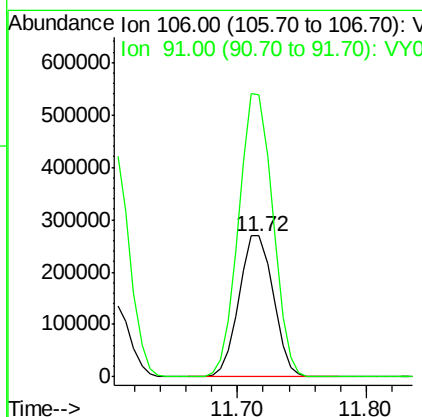
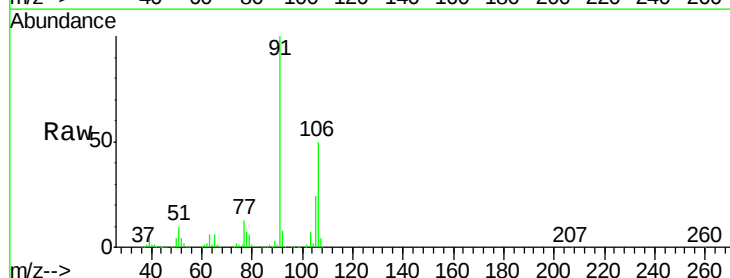
Manual Integrations
APPROVED

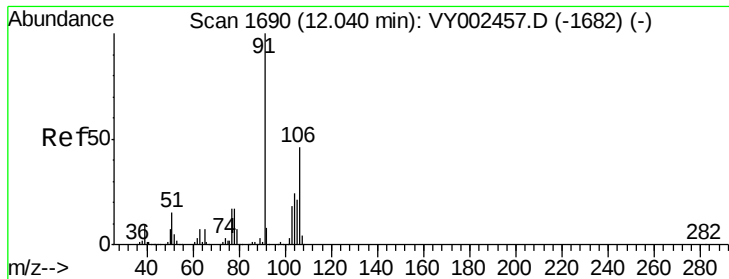
MMDadoda
4/24/2020 1:33:31 PM



#68
m/p-Xylenes
Concen: 99.111 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion: 106 Resp: 498001
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.6





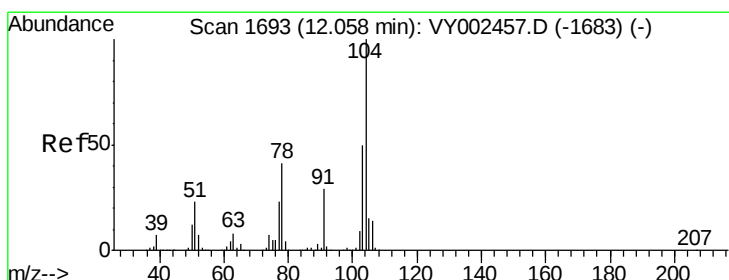
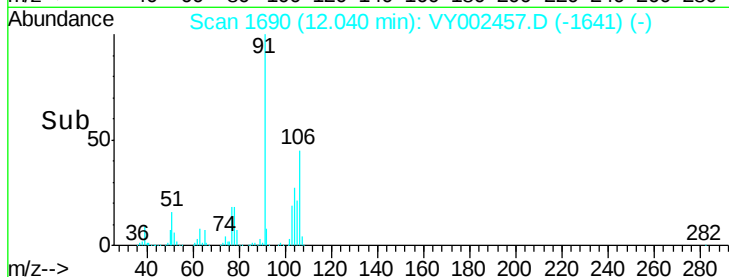
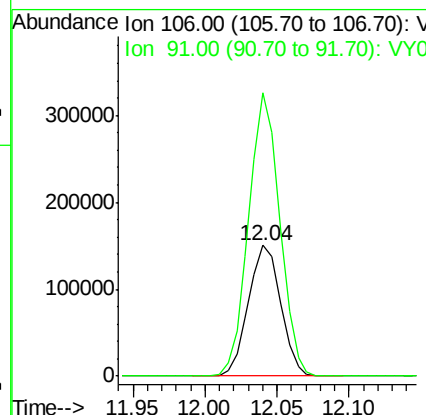
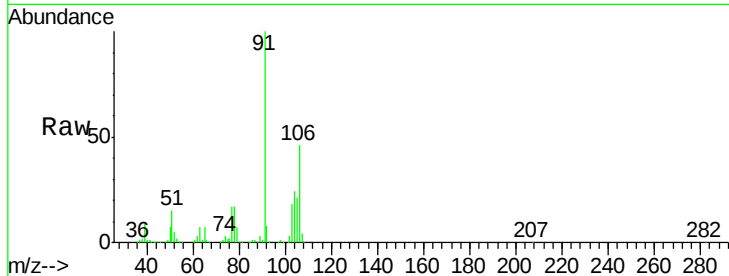
#69
o-Xylene
Concen: 49.614 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		233490		
91	208.9	104.5	313.3		

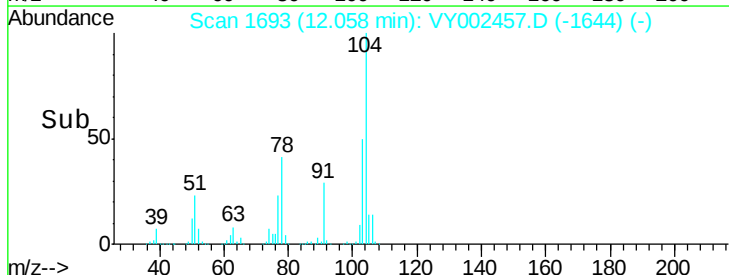
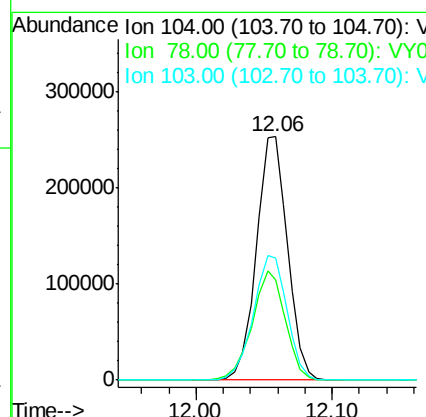
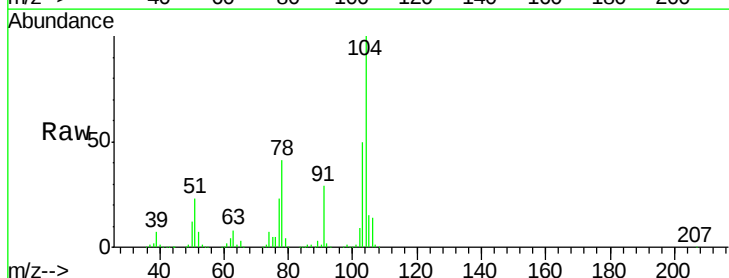
Manual Integrations
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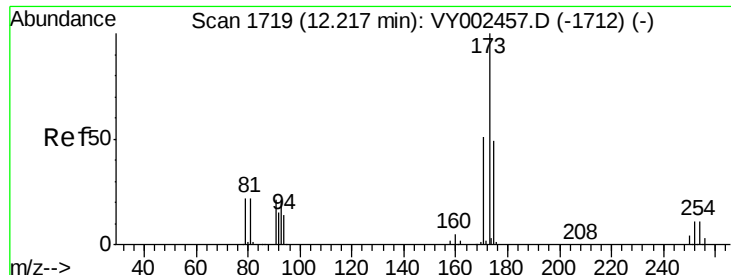
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#70
Styrene
Concen: 49.897 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		407464		
78	47.5	38.0	57.0		
103	55.5	44.4	66.6		





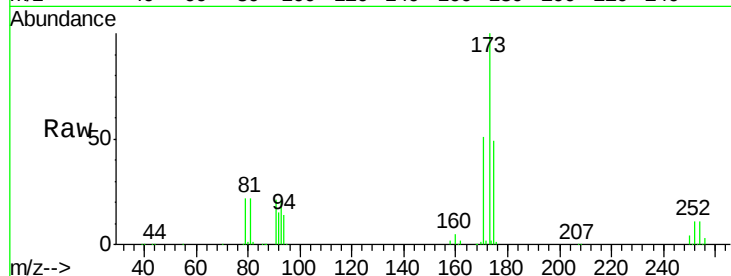
#71
Bromoform
Concen: 48.948 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

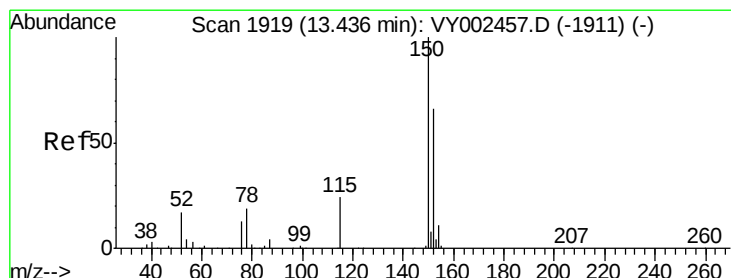
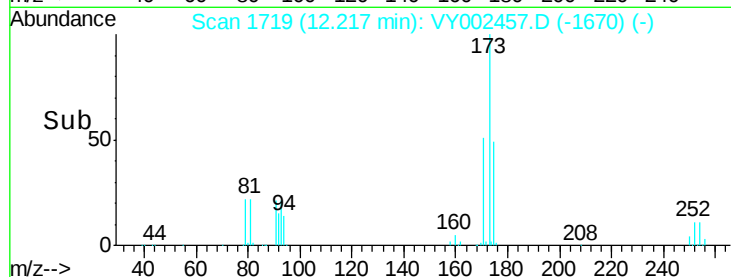
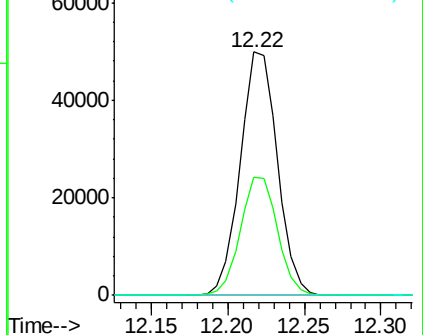
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.3	73.0
254	0.1	0.1	0.1

Manual Integrations
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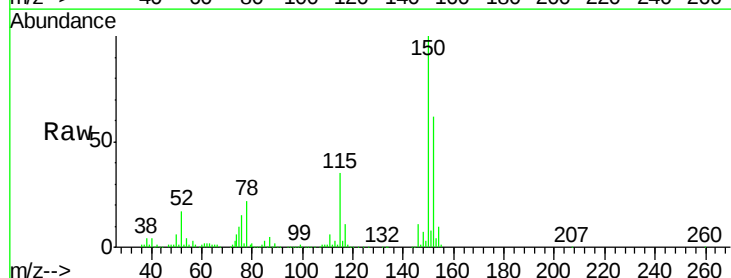


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

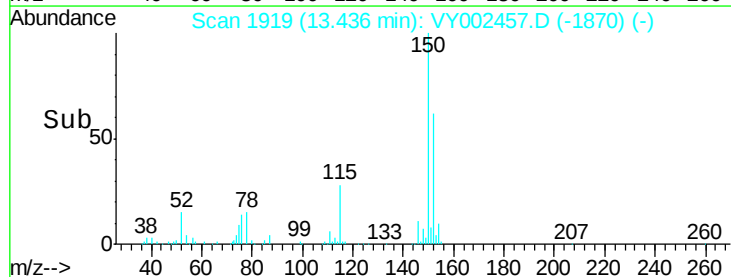
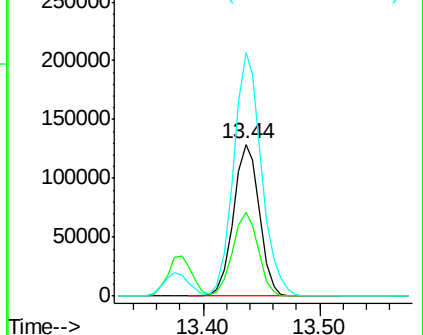


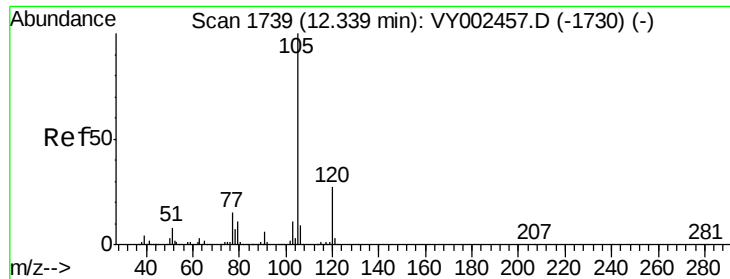
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.3	81.8
150	173.4	0.0	346.8



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





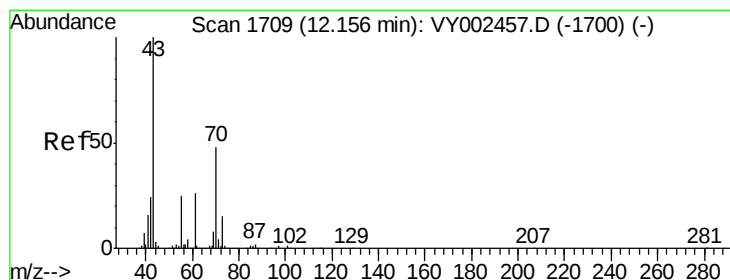
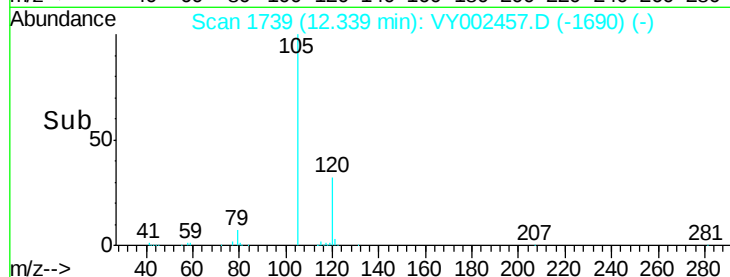
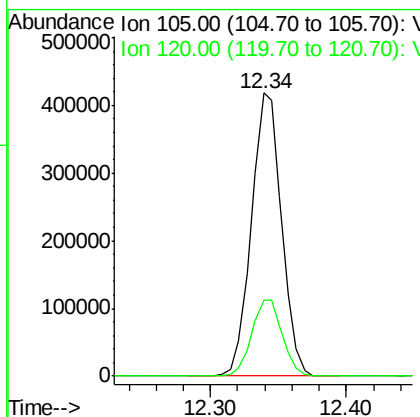
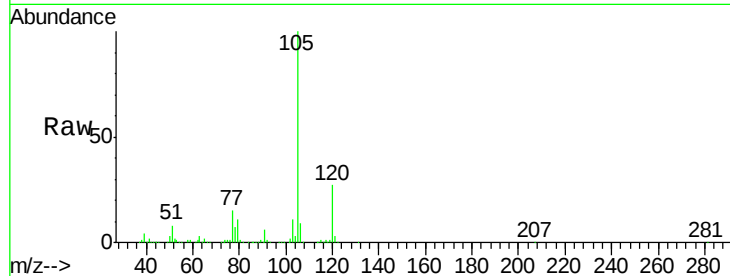
#73
Isopropylbenzene
Concen: 50.546 ug/l
RT: 12.34 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.7

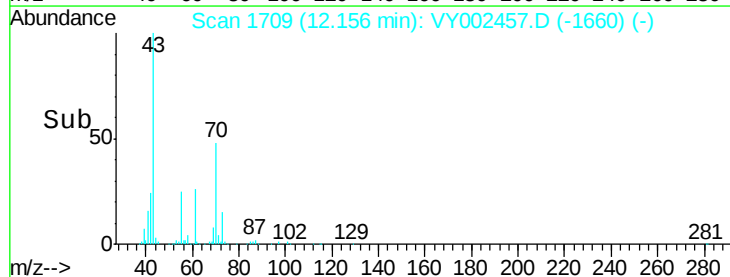
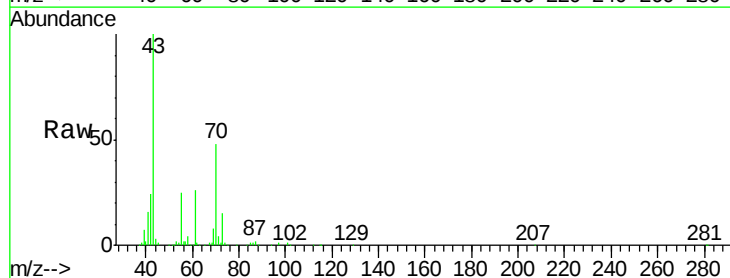
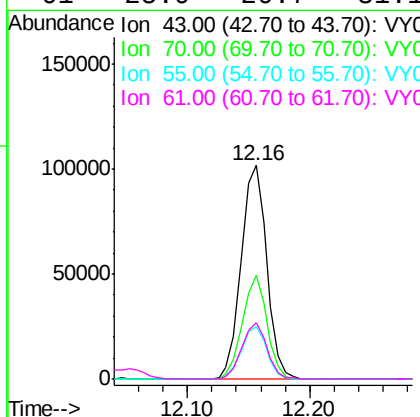
Manual Integrations
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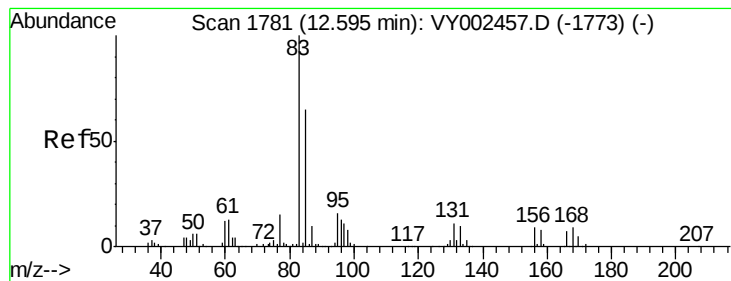
MMDadoda
4/24/2020 1:33:31 PM



#74
N-ethyl acetate
Concen: 48.922 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.5	37.2	55.8
55	24.5	19.6	29.4
61	25.9	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.667 ug/l

RT: 12.59 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

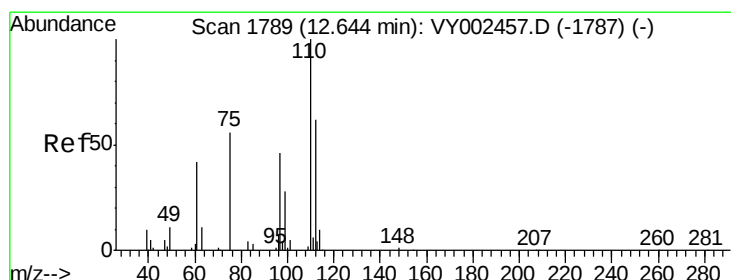
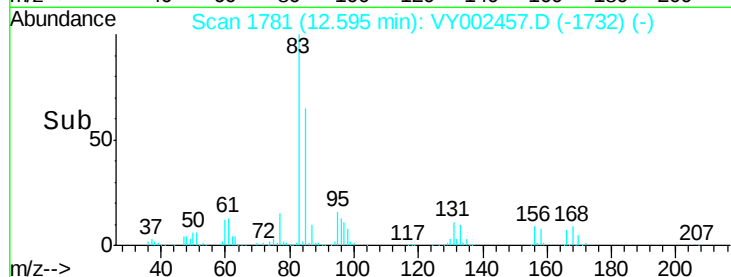
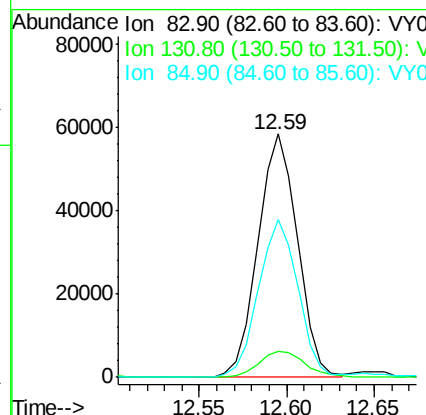
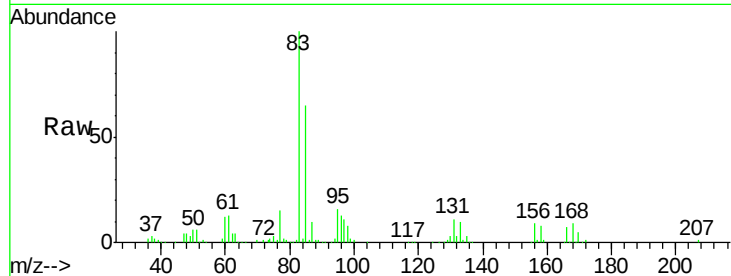
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	91591
Ion Ratio	Lower	Upper	
83	100		
131	12.4	6.2	18.6
85	65.0	32.5	97.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 29.361 ug/l m

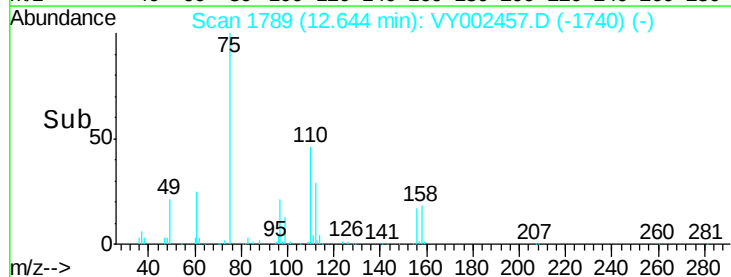
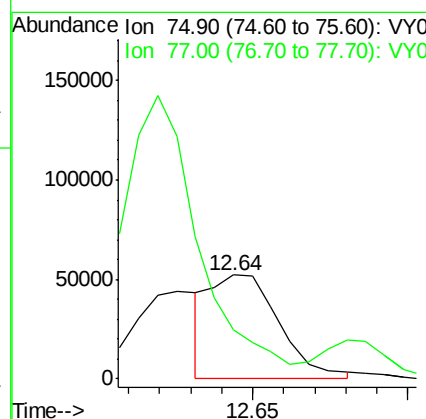
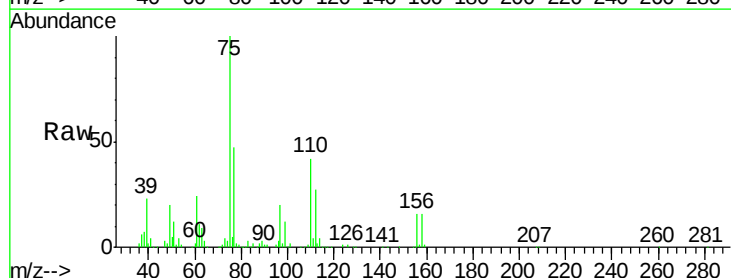
RT: 12.64 min Scan# 1789

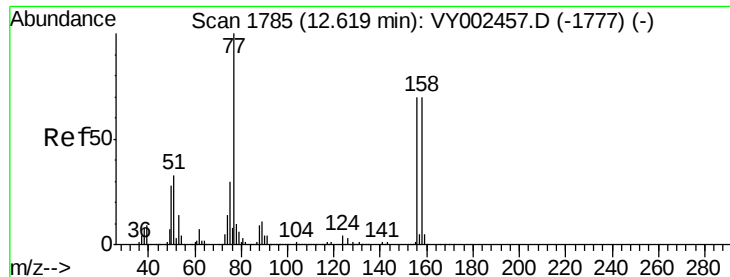
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	75	Resp:	80552
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.059 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

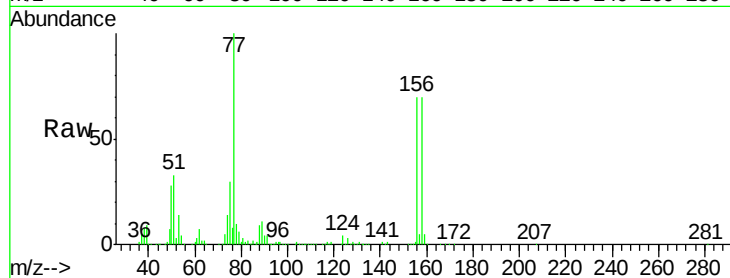
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	158566
Ion Ratio	Lower	Upper	
156	100		
77	157.1	78.5	235.7
158	96.9	48.4	145.3

Manual Integrations
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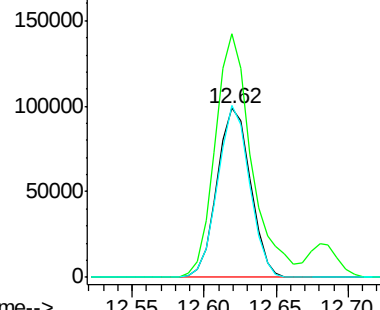
MMDadoda
4/24/2020 1:33:31 PM



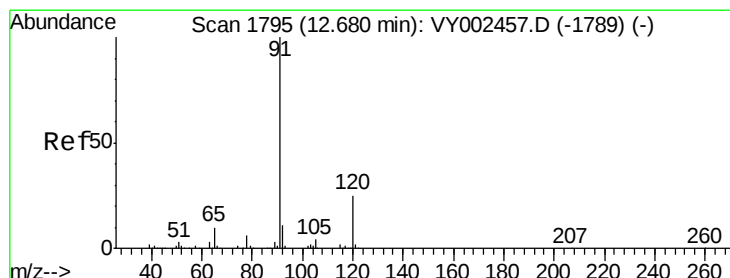
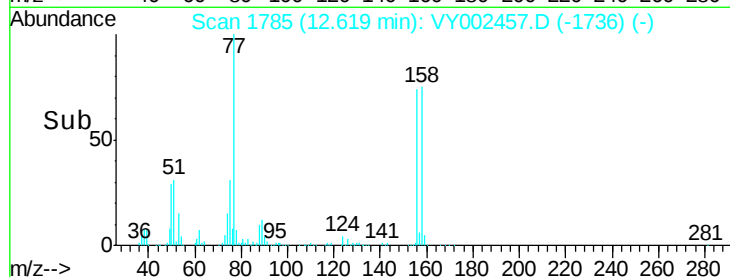
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 50.661 ug/l

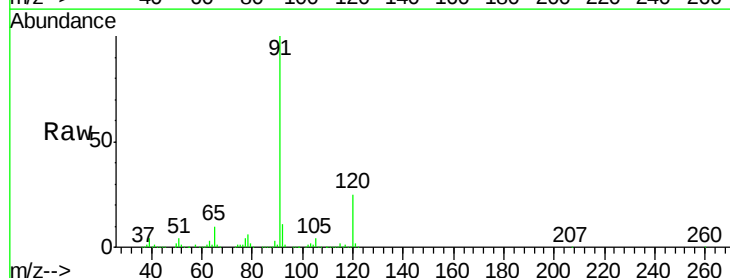
RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002457.D

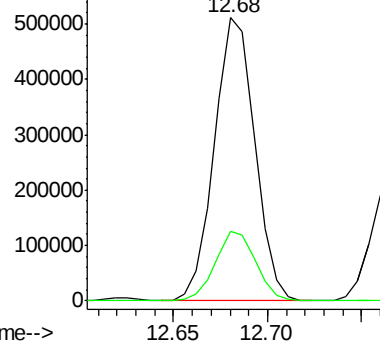
Acq: 23 Apr 2020 12:25

Tgt Ion:	91	Resp:	759621
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8

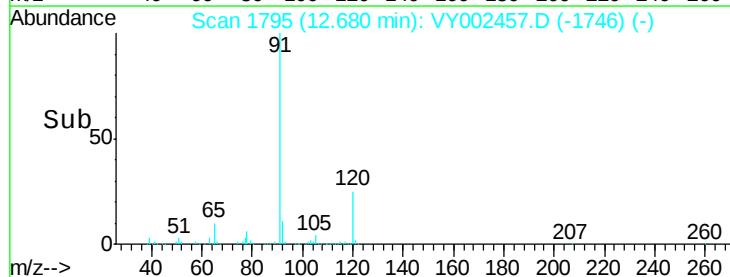


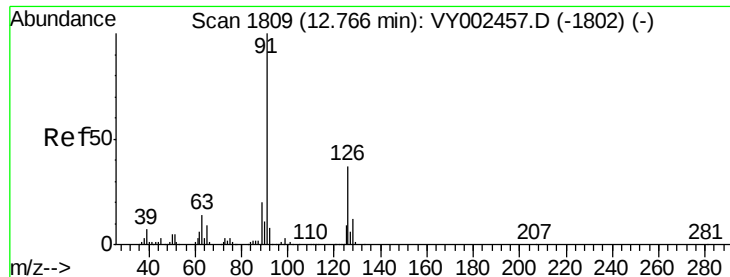
Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V



Time-->





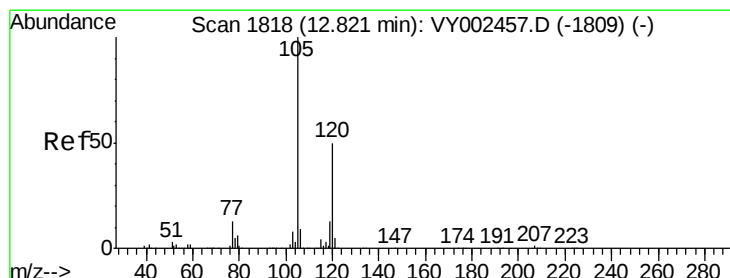
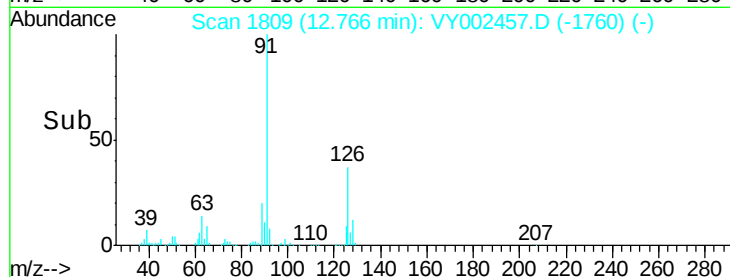
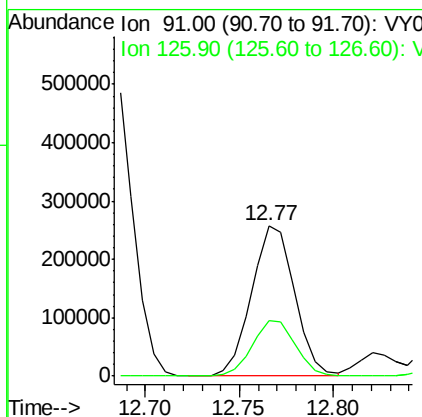
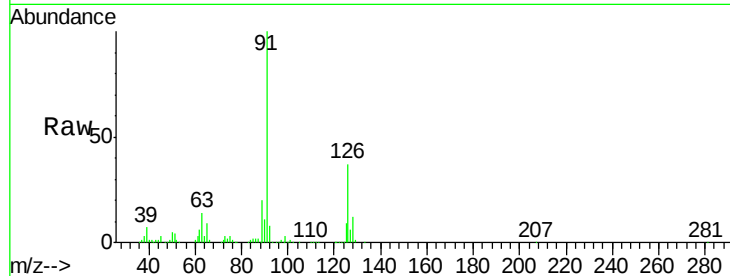
#79
 2-Chlorotoluene
 Concen: 50.033 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5

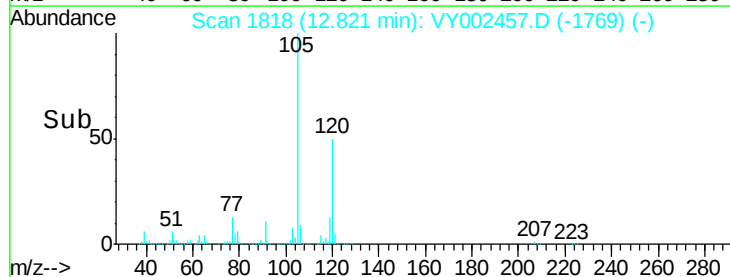
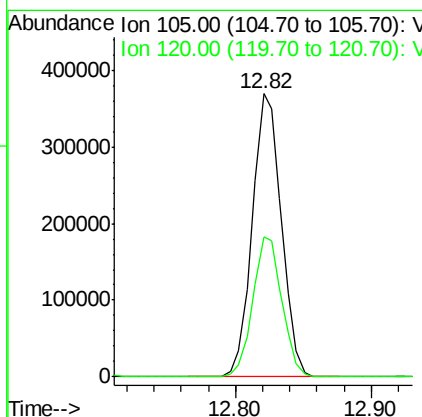
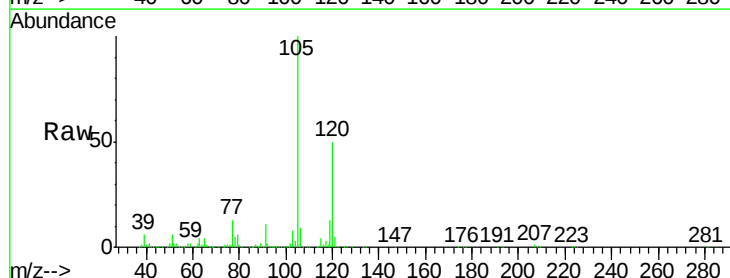
Manual Integrations
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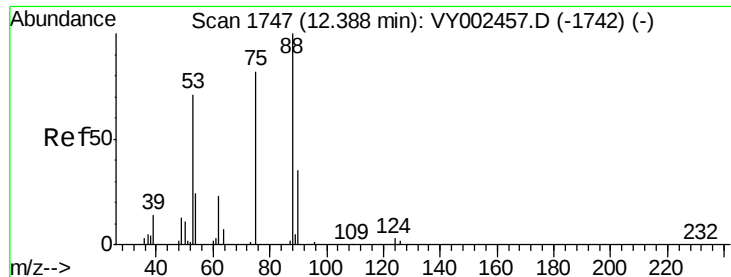
MMDadoda
 4/24/2020 1:33:31 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.461 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.9	74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.722 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

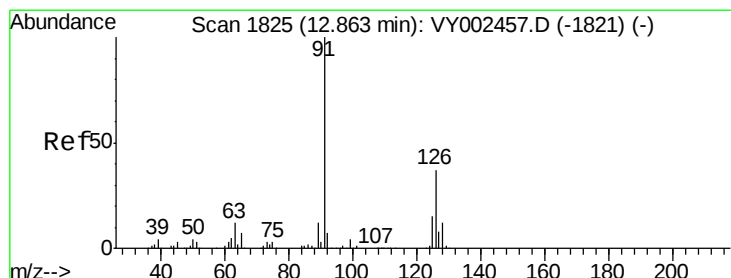
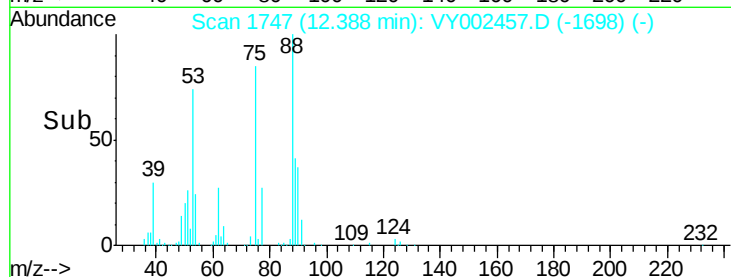
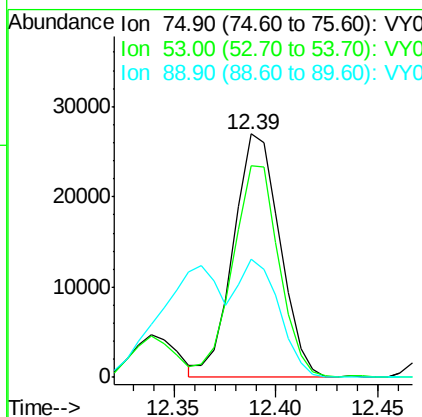
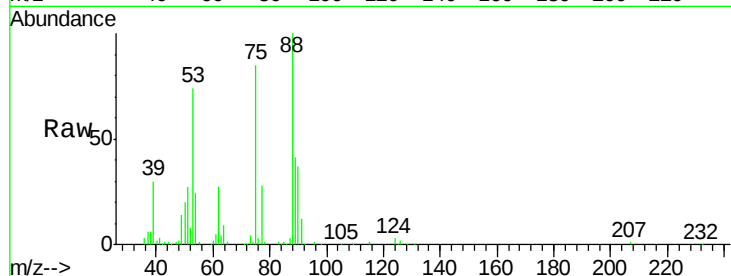
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	42545
Ion	Ratio	Lower	Upper
75	100		
53	87.5	70.0	105.0
89	43.6	34.9	52.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.577 ug/l

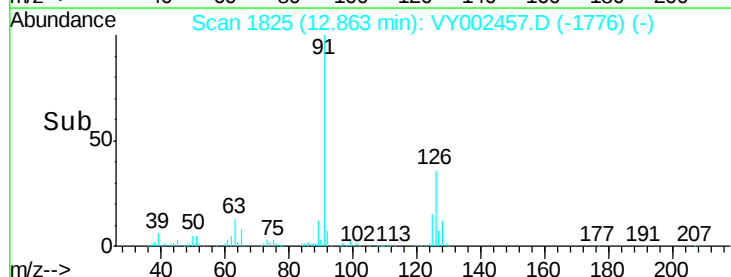
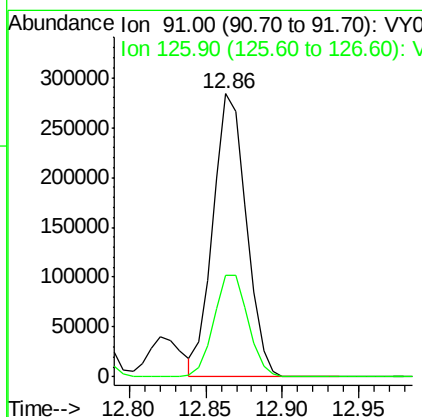
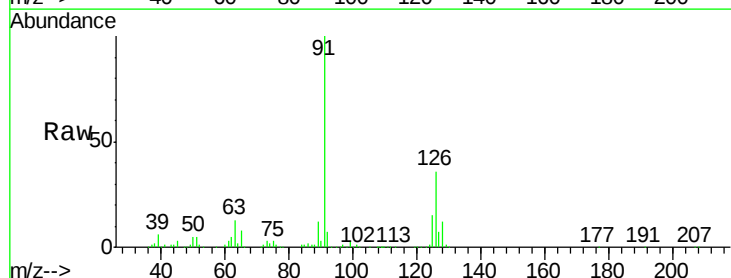
RT: 12.86 min Scan# 1825

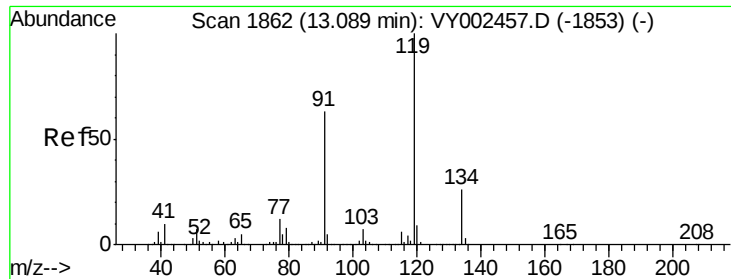
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	91	Resp:	427966
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.5	55.5





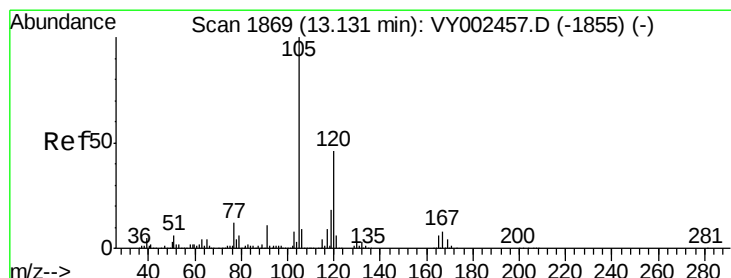
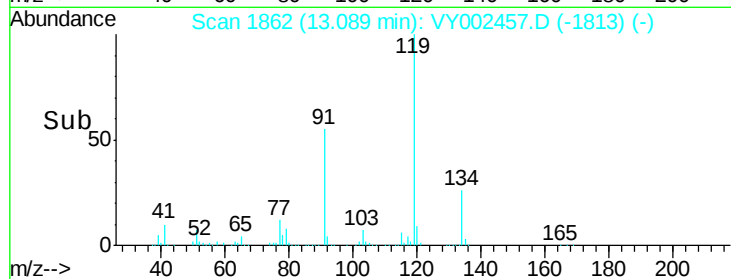
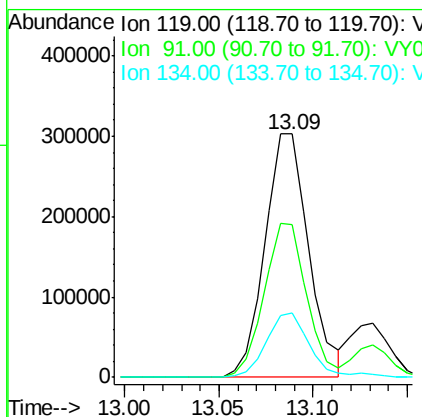
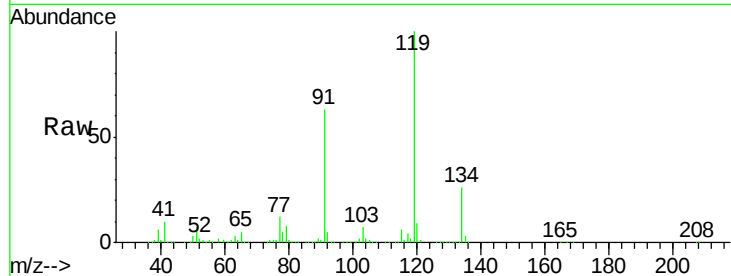
#83
 tert-Butylbenzene
 Concen: 50.683 ug/l
 RT: 13.09 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	489406		
91	61.5		30.8	92.3
134	26.4		13.2	39.6

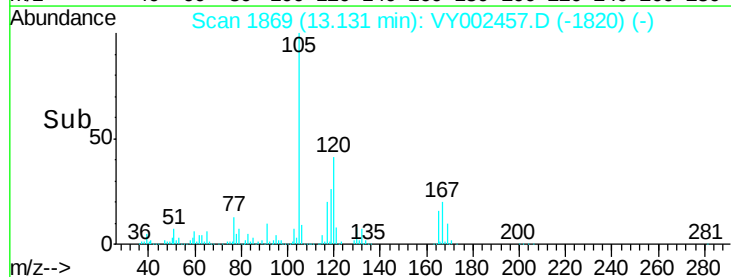
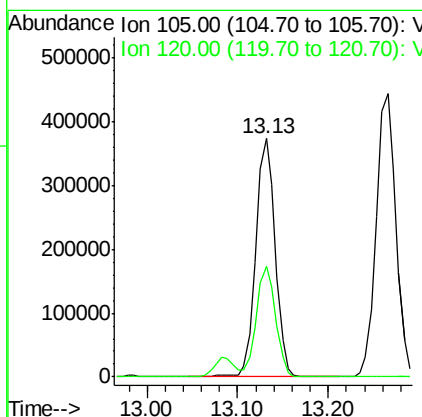
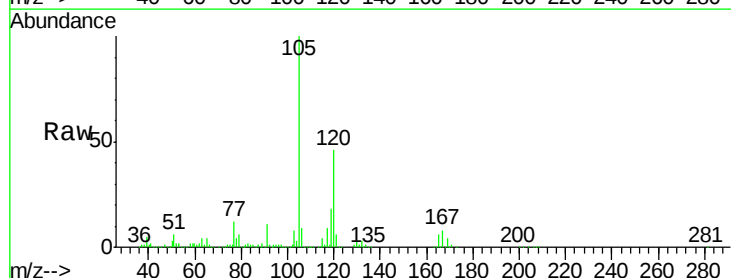
Manual Integrations
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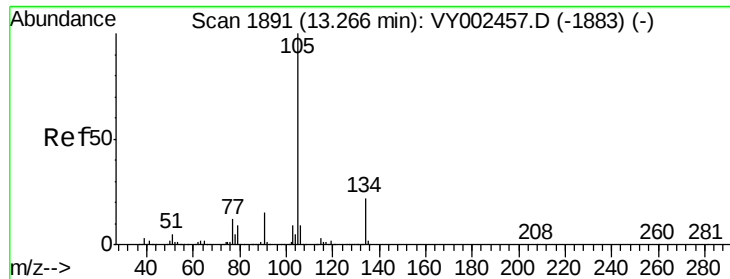
MMDadoda
 4/24/2020 1:33:31 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.529 ug/l
 RT: 13.13 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	552415		
120	46.1		23.1	69.2





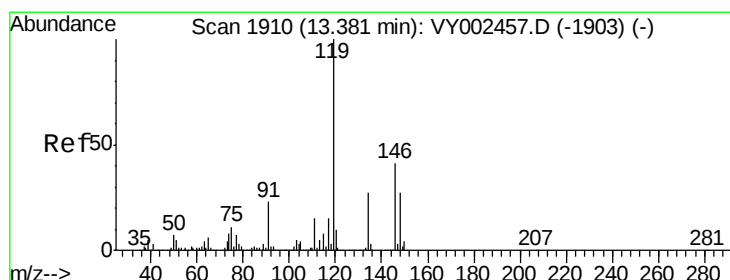
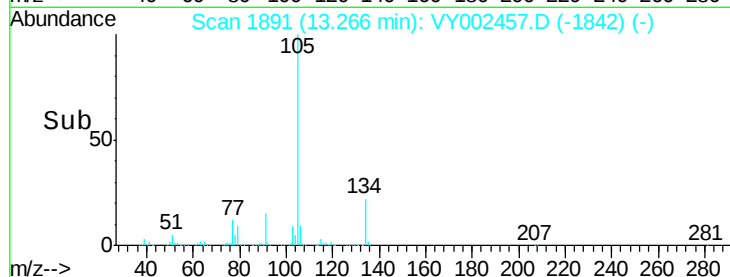
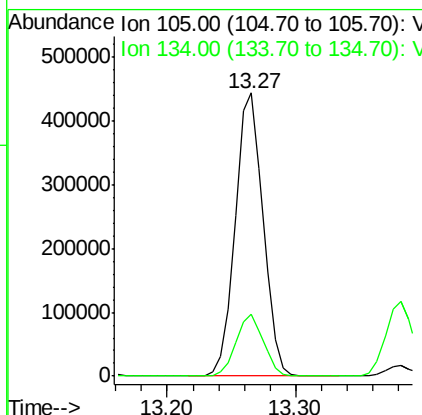
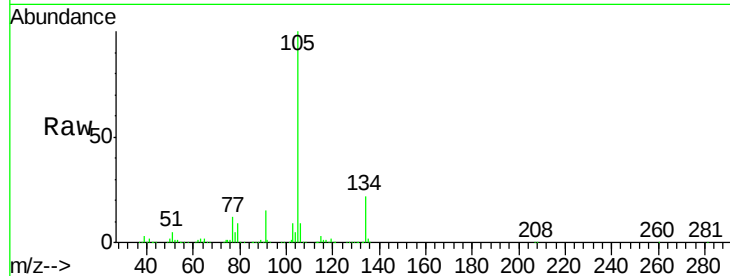
#85
 sec-Butylbenzene
 Concen: 50.410 ug/l
 RT: 13.27 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.8	32.3

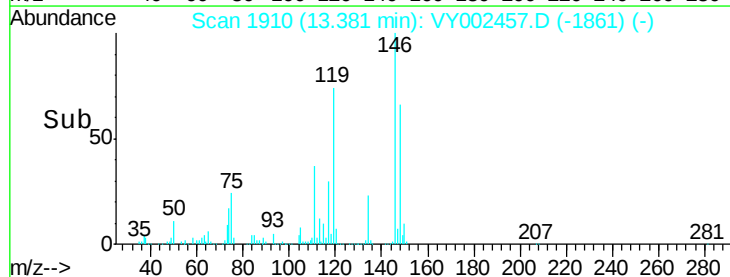
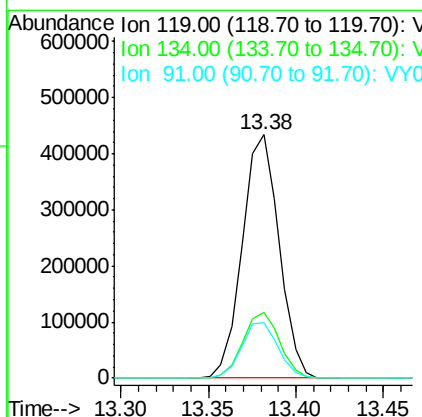
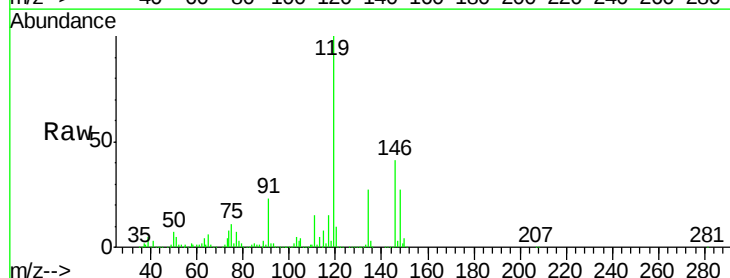
Manual Integrations
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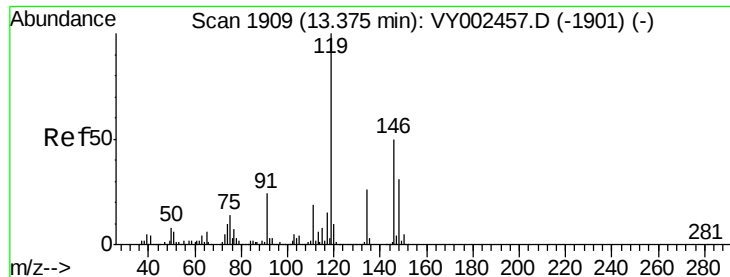
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#86
 p-Isopropyltoluene
 Concen: 50.851 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.5
91	22.9	11.5	34.4





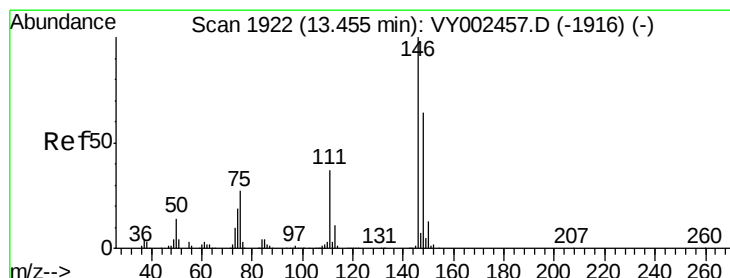
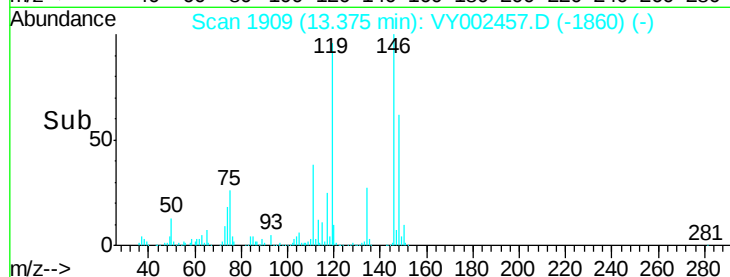
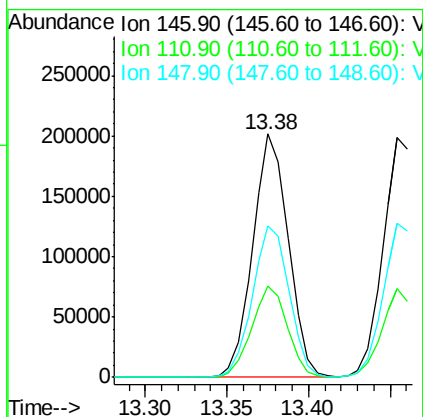
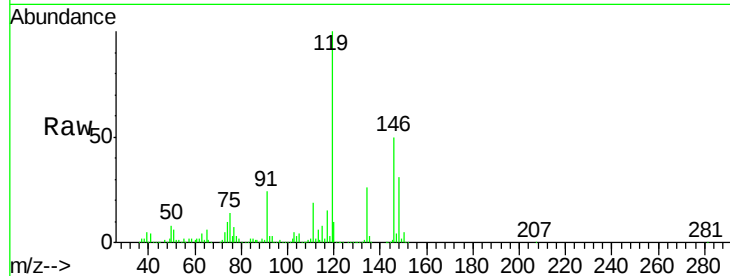
#87
 1,3-Dichlorobenzene
 Concen: 49.638 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.8	56.3
148	64.0	32.0	96.0

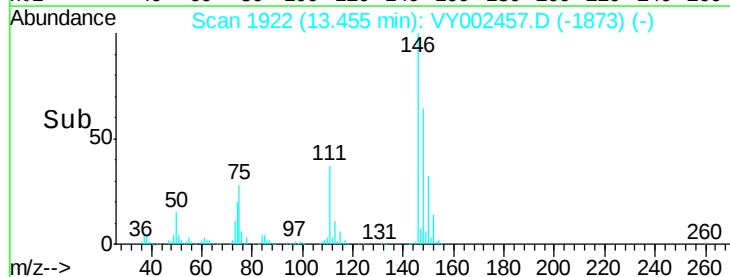
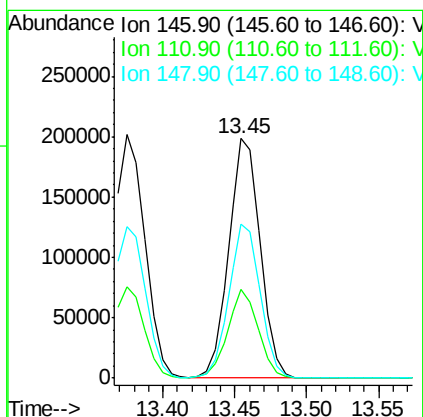
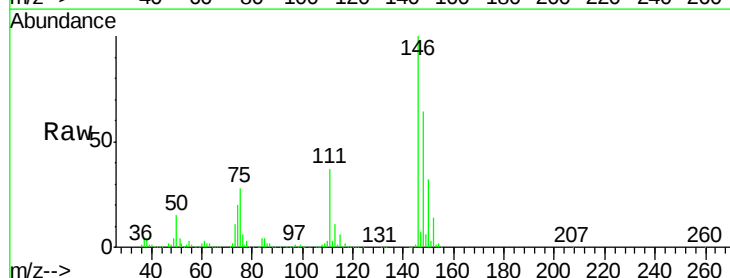
Manual Integrations
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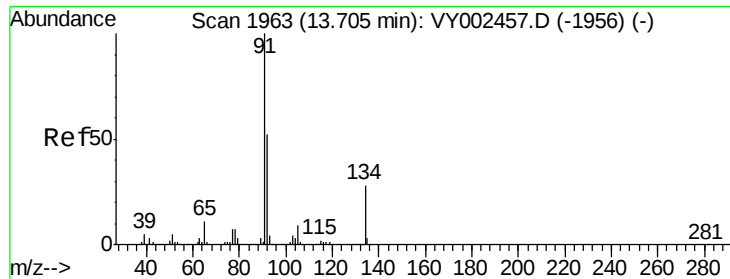
MMDadoda
 4/24/2020 1:33:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.627 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.3	32.1	96.5





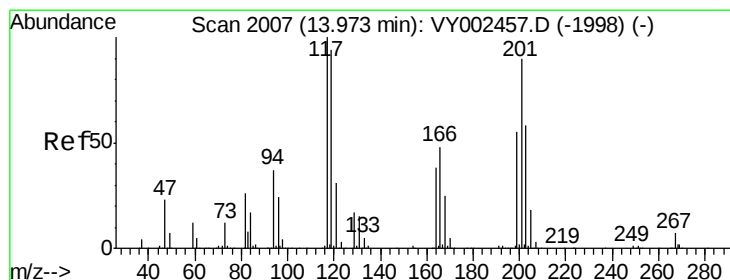
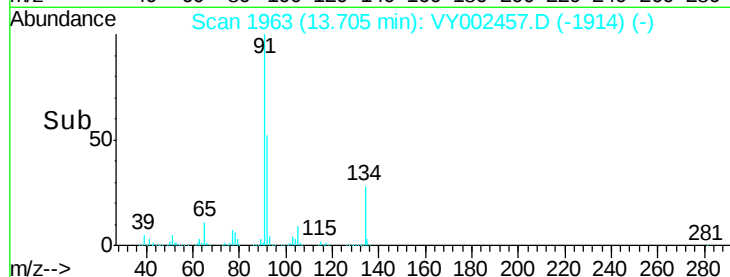
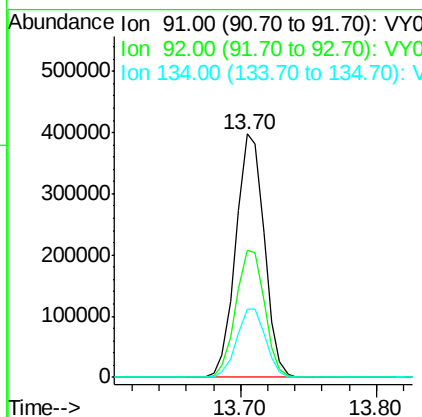
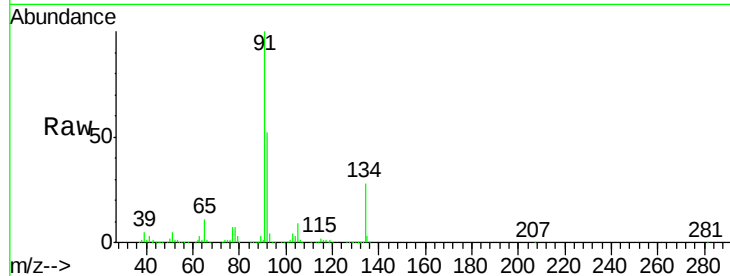
#89
n-Butylbenzene
Concen: 50.588 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.4
134	28.6	14.3	42.9

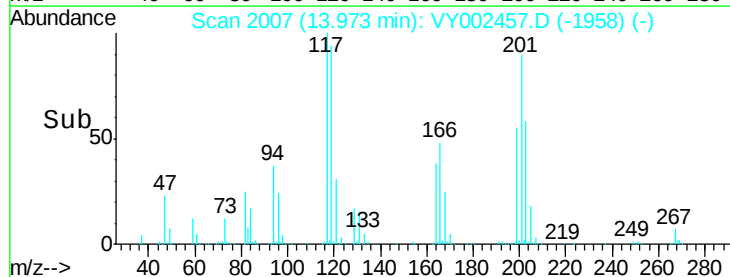
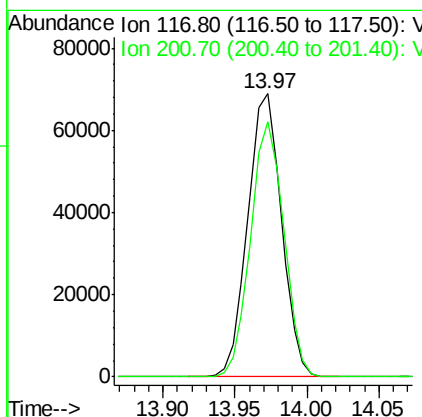
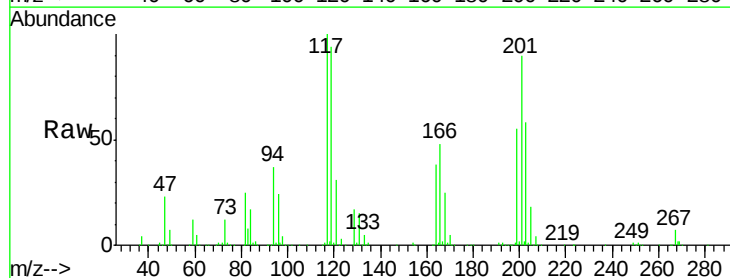
Manual Integrations
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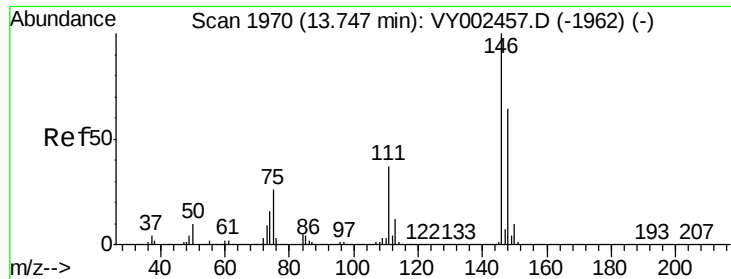
MMDadoda
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#90
Hexachloroethane
Concen: 49.978 ug/l
RT: 13.97 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	44.4	133.1





#91

1,2-Dichlorobenzene

Concen: 49.717 ug/l

RT: 13.75 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Instrument :

MSVOA_Y

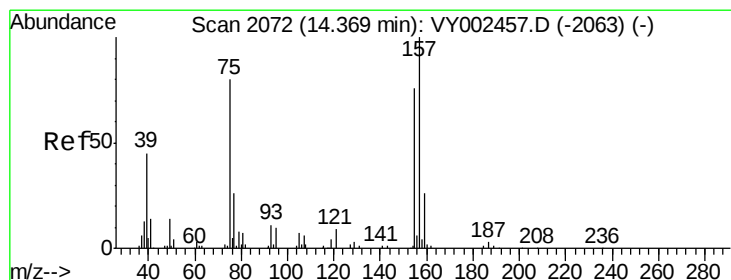
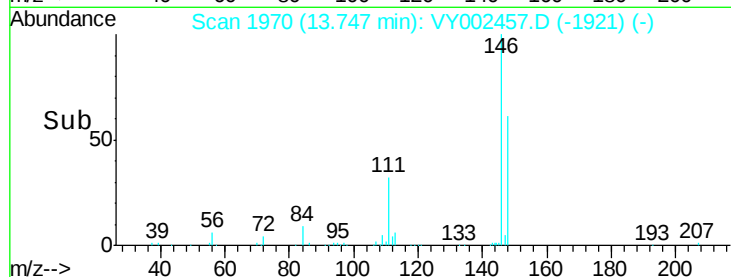
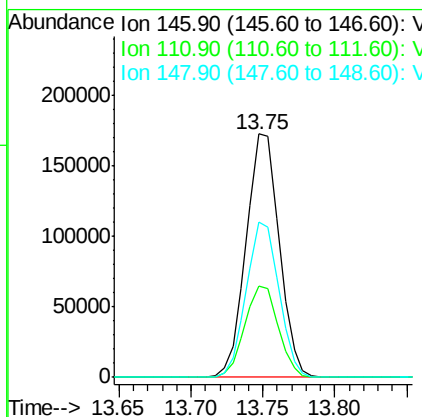
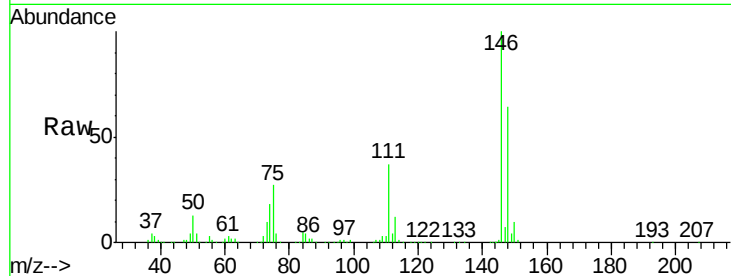
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	274619
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	63.1	31.6	94.7

Manual Integrations
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4/24/2020 1:33:31 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.998 ug/l

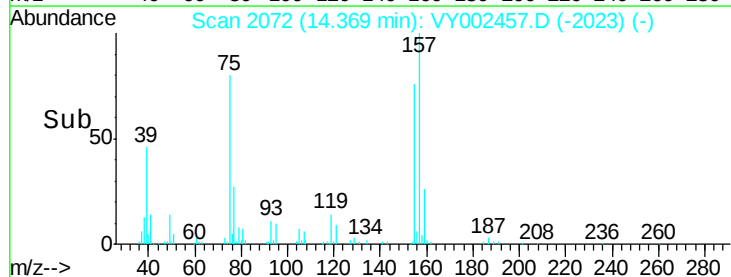
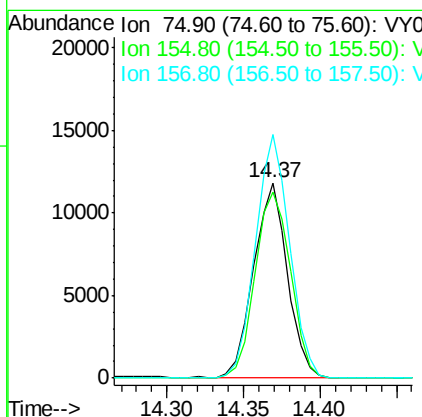
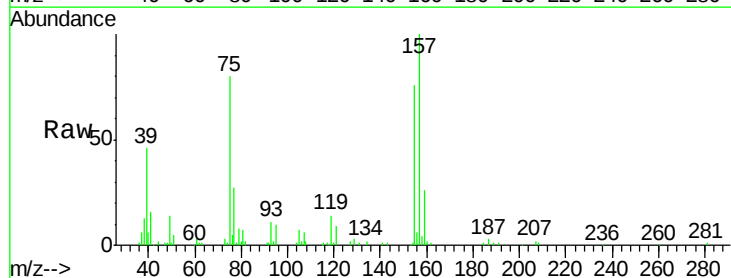
RT: 14.37 min Scan# 2072

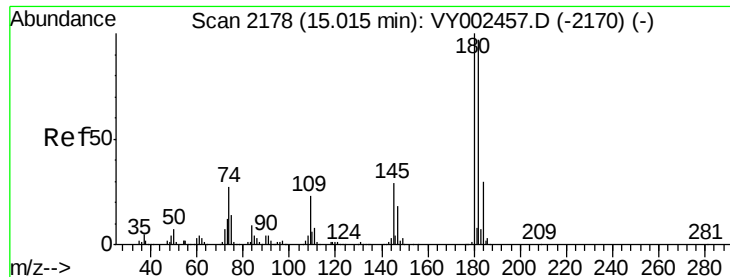
Delta R.T. 0.00 min

Lab File: VY002457.D

Acq: 23 Apr 2020 12:25

Tgt Ion:	75	Resp:	18288
Ion Ratio	Lower	Upper	
75	100		
155	99.3	49.6	149.0
157	125.3	62.6	187.9





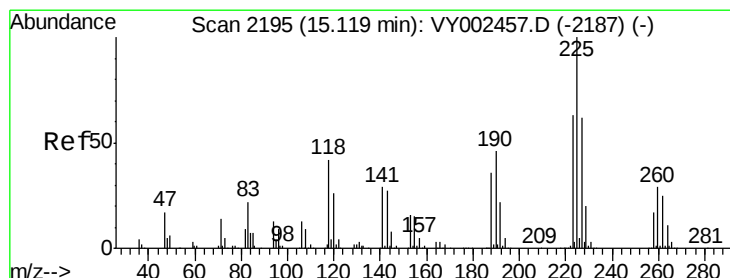
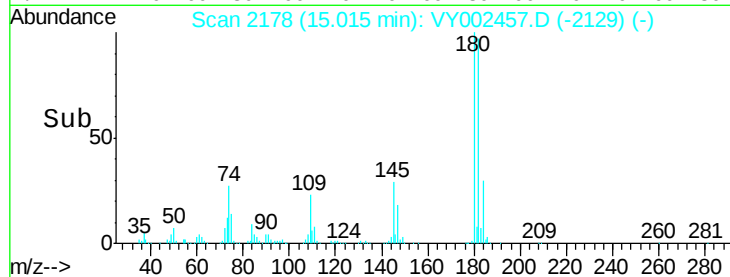
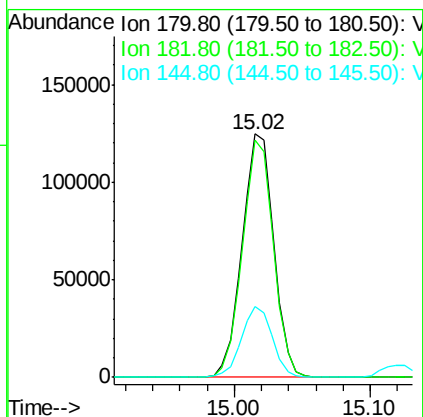
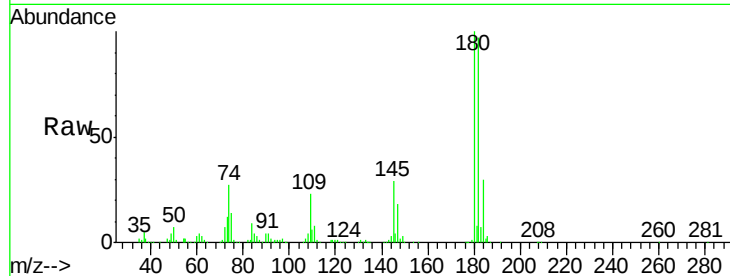
#93
 1,2,4-Trichlorobenzene
 Concen: 49.508 ug/l
 RT: 15.02 min Scan# 2178
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	202474		
182	95.8	47.9	143.7	
145	28.4	14.2	42.6	

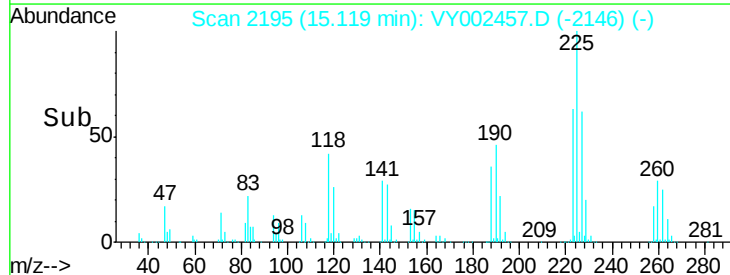
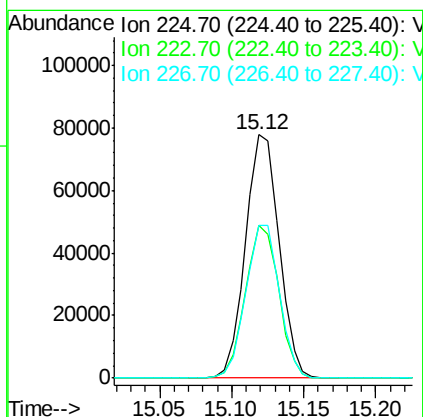
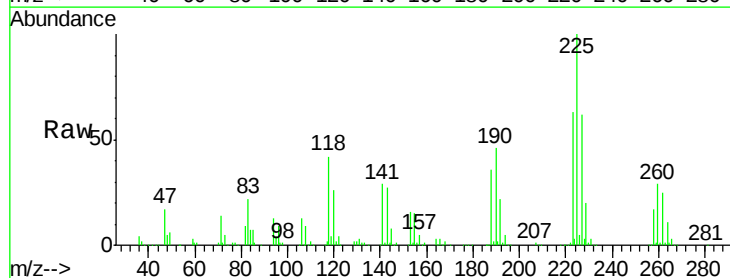
Manual Integrations
 APPROVED

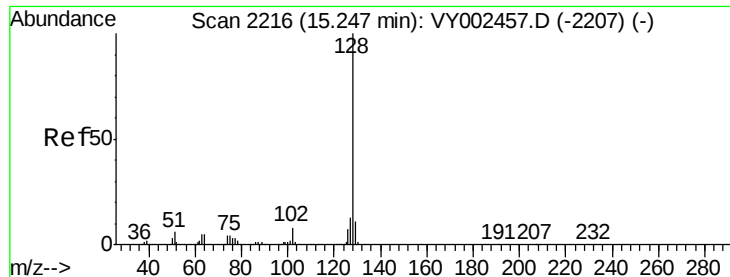
MMDadoda
 4/24/2020 1:33:31 PM



#94
 Hexachlorobutadiene
 Concen: 50.425 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: VY002457.D
 Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	125371		
223	62.2	31.1	93.3	
227	63.0	31.5	94.5	





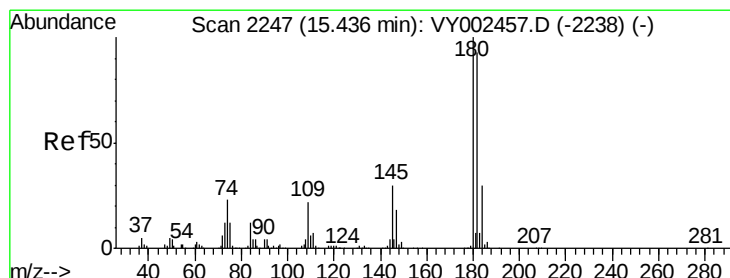
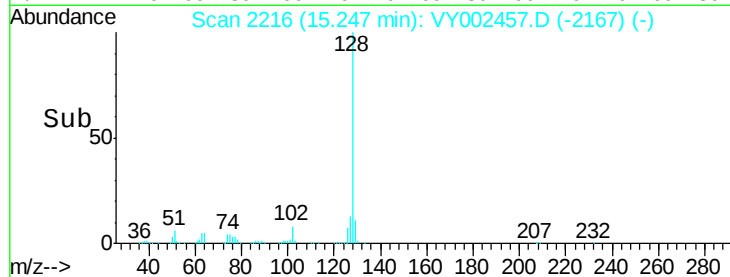
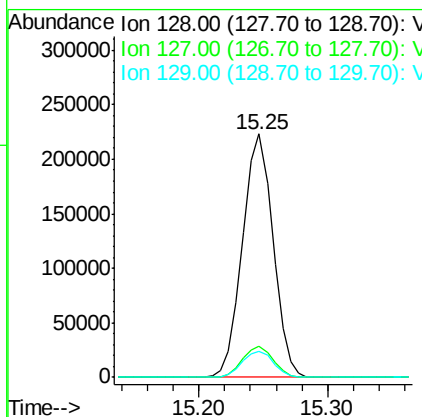
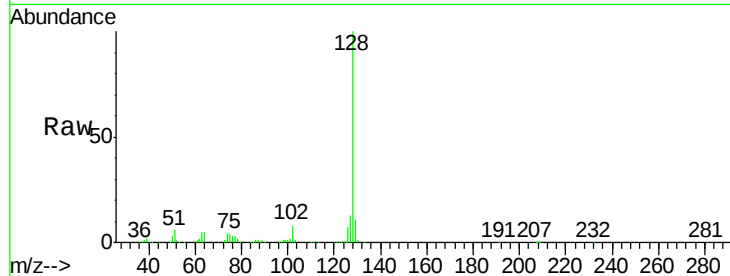
#95
Naphthalene
Concen: 49.271 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/24/2020 1:33:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.745 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY002457.D
Acq: 23 Apr 2020 12:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.5	142.6
145	30.6	15.3	45.9

