

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000234.D
 Acq On : 08 Oct 2019 21:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:34 AM

Quant Time: Oct 09 09:15:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	263567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	443108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	405535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	169365	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.73	113	139169	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.19	98	547681	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.48	95	193278	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	121576	46.205	ug/l	100
3) Chloromethane	2.12	50	167368	46.708	ug/l	99
4) Vinyl Chloride	2.25	62	176343	47.666	ug/l	97
5) Bromomethane	2.63	94	117965	50.537	ug/l	97
6) Chloroethane	2.79	64	112064	47.957	ug/l	98
7) Trichlorofluoromethane	3.12	101	223296	46.705	ug/l	100
8) Diethyl Ether	3.54	74	99910	45.707	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	125192	44.851	ug/l	97
10) Methyl Iodide	4.09	142	217091	47.908	ug/l	99
11) Tert butyl alcohol	4.97	59	419648	227.869	ug/l	99
12) 1,1-Dichloroethene	3.88	96	136339	47.049	ug/l	97
13) Acrolein	3.73	56	219197	226.748	ug/l	100
14) Allyl chloride	4.49	41	219612	44.976	ug/l	97
15) Acrylonitrile	5.18	53	772863	237.737	ug/l	99
16) Acetone	3.96	43	685550	255.346	ug/l	96
17) Carbon Disulfide	4.19	76	393638	46.089	ug/l	99
18) Methyl Acetate	4.49	43	352879	47.961	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	500818	47.240	ug/l	98
20) Methylene Chloride	4.72	84	158593	44.965	ug/l	91
21) trans-1,2-Dichloroethene	5.22	96	152619	46.818	ug/l	95
22) Diisopropyl ether	6.13	45	543925	48.081	ug/l	96
23) Vinyl Acetate	6.07	43	2522503	225.693	ug/l	99
24) 1,1-Dichloroethane	6.03	63	271491	47.050	ug/l	99
25) 2-Butanone	7.00	43	1261532	253.994	ug/l	99
26) 2,2-Dichloropropane	6.99	77	217082	41.675	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	177756	46.293	ug/l	98
28) Bromochloromethane	7.35	49	103915	54.712	ug/l	100
29) Tetrahydrofuran	7.36	42	874668	249.352	ug/l	100
30) Chloroform	7.52	83	286537	47.848	ug/l	99
31) Cyclohexane	7.79	56	248848	42.696	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	243070	47.742	ug/l	99
36) 1,1-Dichloropropene	7.93	75	208345	46.211	ug/l	99
37) Ethyl Acetate	7.09	43	390484	47.908	ug/l	100
38) Carbon Tetrachloride	7.91	117	207785	47.286	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	257509	45.528	ug/l	95
40) Benzene	8.17	78	645570	47.202	ug/l	100
41) Methacrylonitrile	7.35	41	299578m	46.697	ug/l	
42) 1,2-Dichloroethane	8.25	62	220105	49.547	ug/l	100
43) Isopropyl Acetate	8.28	43	511671	48.772	ug/l	100
44) Trichloroethene	8.95	130	176178	47.502	ug/l	95
45) 1,2-Dichloropropane	9.22	63	166650	48.647	ug/l	97
46) Dibromomethane	9.32	93	111493	46.424	ug/l	99
47) Bromodichloromethane	9.50	83	226281	48.169	ug/l	92
48) Methyl methacrylate	9.30	41	224384	47.385	ug/l	98
49) 1,4-Dioxane	9.30	88	114187	939.358	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	2023699	256.668	ug/l	99
52) Toluene	10.25	92	417512	47.596	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	260957	48.964	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	274882	47.665	ug/l	100
55) 1,1,2-Trichloroethane	10.65	97	169708	49.064	ug/l	97
56) Ethyl methacrylate	10.52	69	303685	49.870	ug/l	99
57) 1,3-Dichloropropane	10.80	76	287434	48.669	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	695597	256.268	ug/l	100
59) 2-Hexanone	10.84	43	1763721	252.438	ug/l	99
60) Dibromochloromethane	10.99	129	181593	49.655	ug/l	99
61) 1,2-Dibromoethane	11.10	107	181747	49.468	ug/l	100
64) Tetrachloroethene	10.72	164	170249	45.929	ug/l	98
65) Chlorobenzene	11.52	112	432505	46.023	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	158385	47.143	ug/l	99
67) Ethyl Benzene	11.60	91	780997	46.490	ug/l	100
68) m/p-Xylenes	11.70	106	600836	93.732	ug/l	99
69) o-Xylene	12.03	106	292449	47.357	ug/l	98
70) Styrene	12.05	104	510926	48.032	ug/l	99
71) Bromoform	12.21	173	137127	49.463	ug/l #	99
73) Isopropylbenzene	12.33	105	759082	45.759	ug/l	100
74) N-amyl acetate	12.14	43	415484	47.439	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	269352	47.577	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	250723m	48.509	ug/l	
77) Bromobenzene	12.61	156	176952	45.489	ug/l	98
78) n-propylbenzene	12.67	91	903320	46.620	ug/l	99
79) 2-Chlorotoluene	12.75	91	512397	45.930	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	644063	46.530	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	118963	44.759	ug/l #	90
82) 4-Chlorotoluene	12.86	91	534584	47.311	ug/l	99
83) tert-Butylbenzene	13.08	119	540287	44.909	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	648490	46.892	ug/l	99
85) sec-Butylbenzene	13.25	105	762870	46.004	ug/l	100
86) p-Isopropyltoluene	13.37	119	681673	46.746	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	330035	46.812	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	334613	45.564	ug/l	100
89) n-Butylbenzene	13.69	91	636599	46.322	ug/l	100
90) Hexachloroethane	13.96	117	128056	46.424	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	328286	46.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	88579	46.350	ug/l	96

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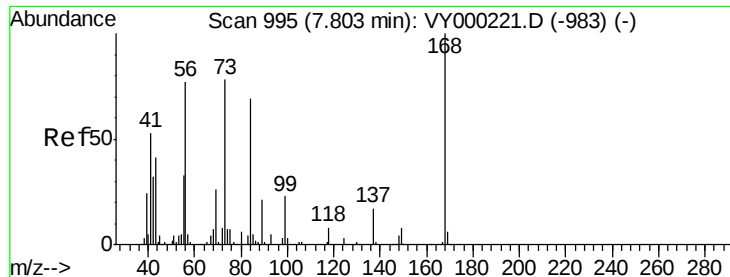
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	214546	44.281	ug/l	99
94) Hexachlorobutadiene	15.11	225	100413	43.369	ug/l	97
95) Naphthalene	15.23	128	858901	47.123	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	218963	46.983	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263567

Ion Ratio Lower Upper

168 100

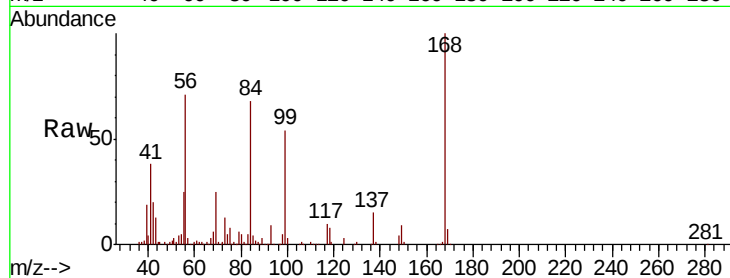
99 54.1 45.0 67.6

Manual Integrations

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10/10/2019 12:52:34 AM



Abundance Ion 167.90 (167.60 to 168.60): VY000221.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000221.D (-983) (-)

7.80

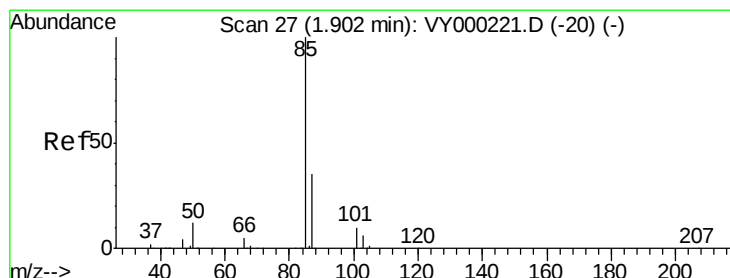
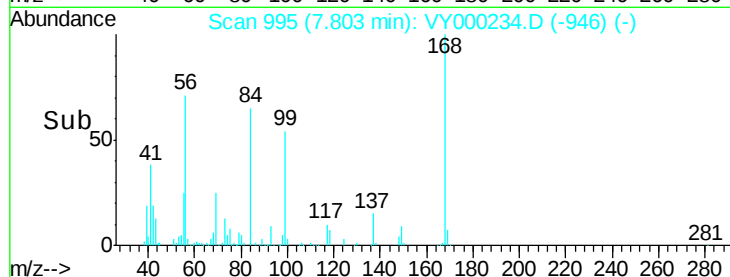
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 46.205 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000234.D

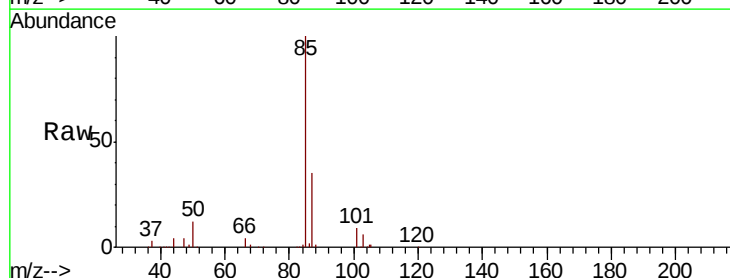
Acq: 08 Oct 2019 21:28

Tgt Ion: 85 Resp: 121576

Ion Ratio Lower Upper

85 100

87 35.0 17.4 52.2



Abundance Ion 84.90 (84.60 to 85.60): VY000221.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000221.D (-20) (-)

1.90

80000

60000

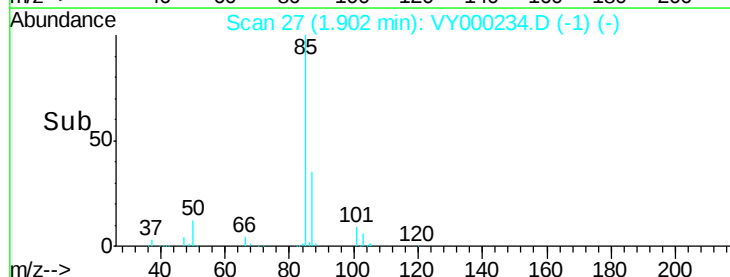
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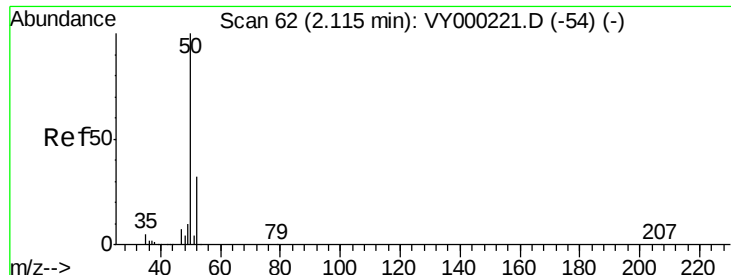
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 46.708 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 167368

Ion Ratio Lower Upper

50 100

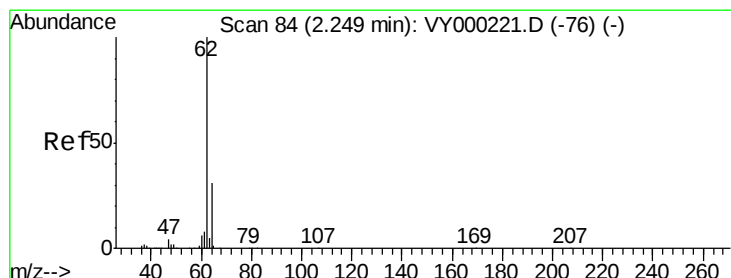
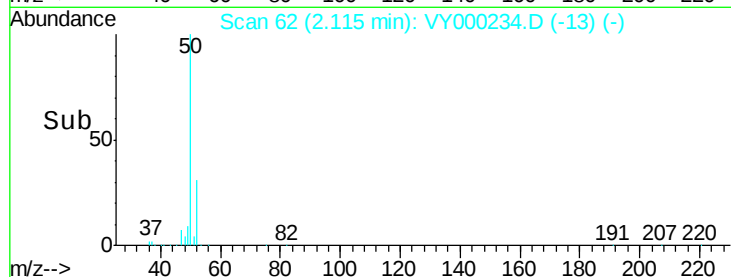
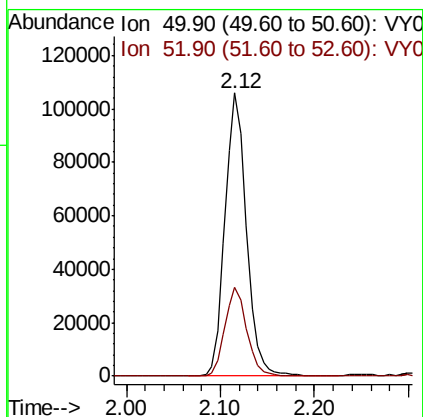
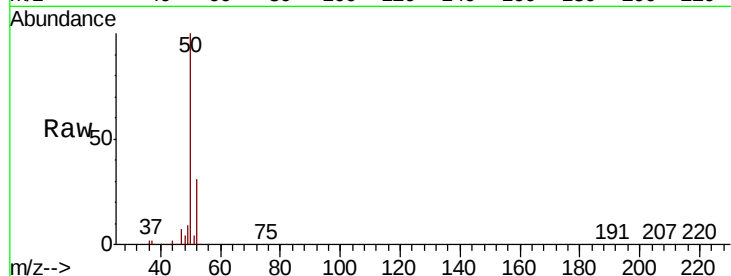
52 31.4 25.4 38.0

Manual Integrations

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10/10/2019 12:52:34 AM



#4

Vinyl Chloride

Concen: 47.666 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY000234.D

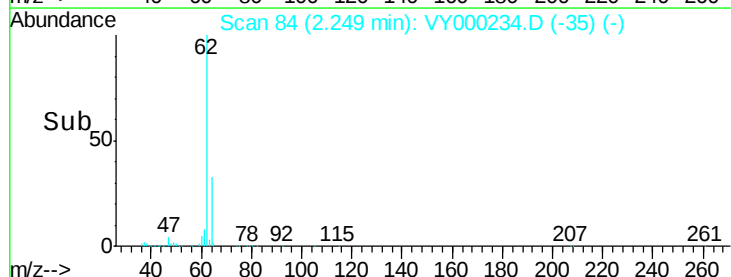
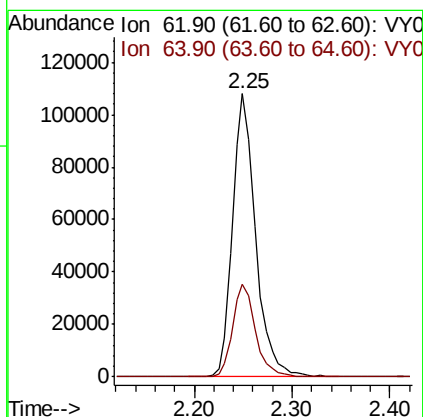
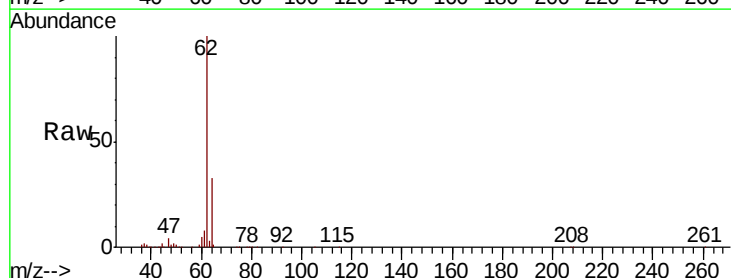
Acq: 08 Oct 2019 21:28

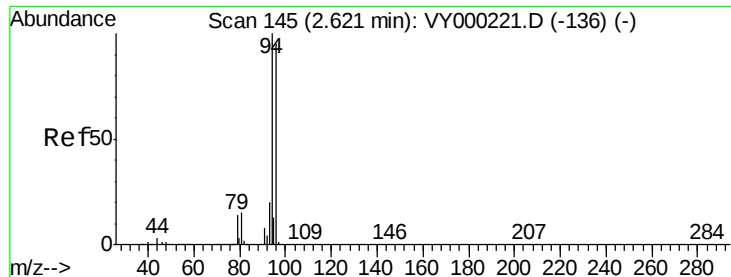
Tgt Ion: 62 Resp: 176343

Ion Ratio Lower Upper

62 100

64 32.9 25.0 37.6





#5

Bromomethane

Concen: 50.537 ug/l

RT: 2.63 min Scan# 146

Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 117965

Ion Ratio Lower Upper

94 100

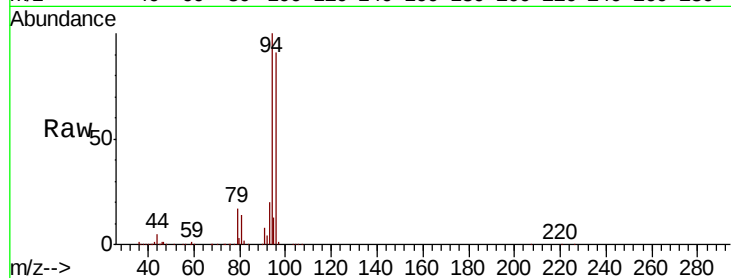
96 91.4 75.7 113.5

Manual Integrations

APPROVED

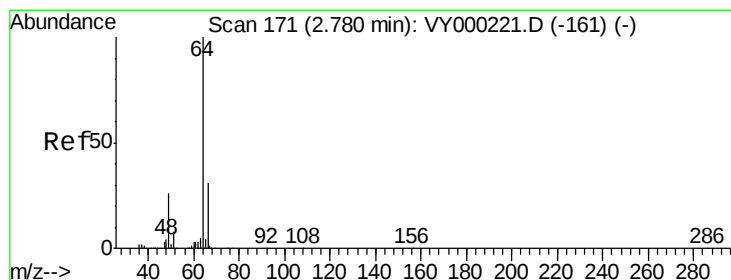
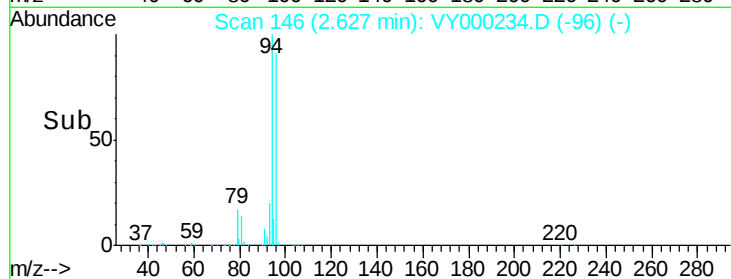
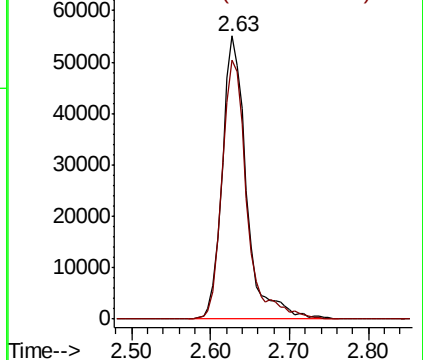
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.957 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.01 min

Lab File: VY000234.D

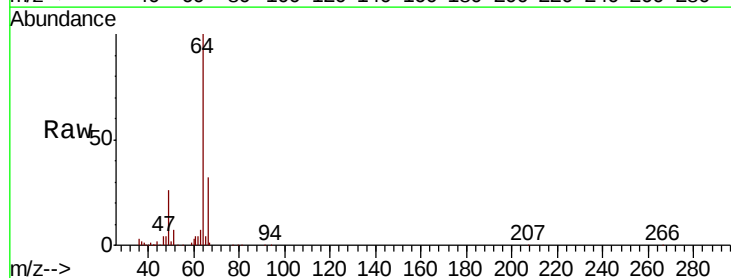
Acq: 08 Oct 2019 21:28

Tgt Ion: 64 Resp: 112064

Ion Ratio Lower Upper

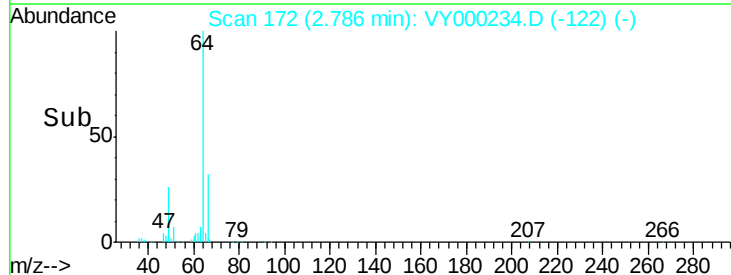
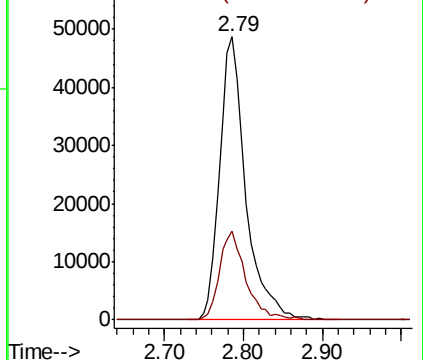
64 100

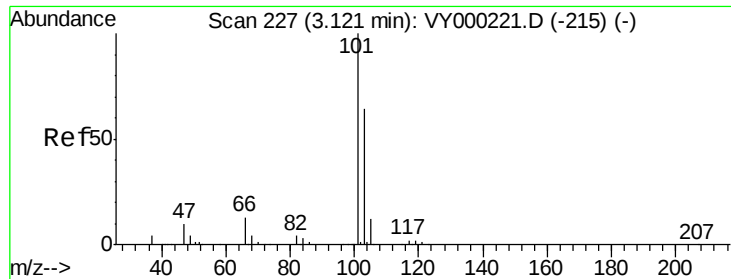
66 31.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

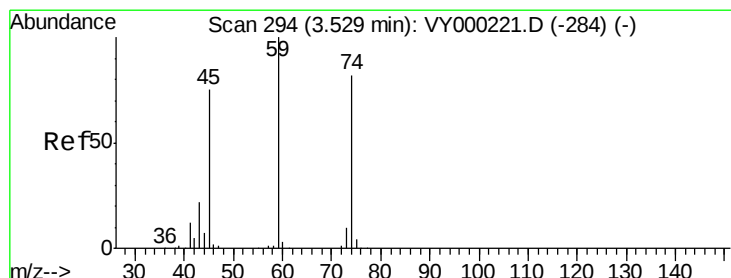
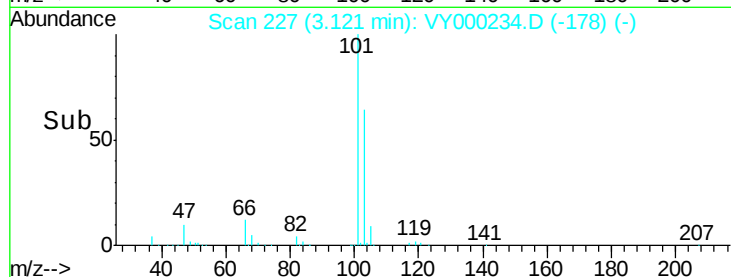
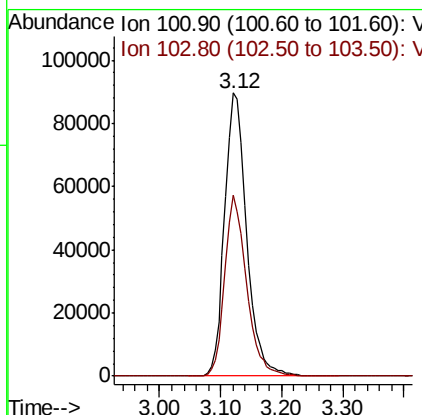
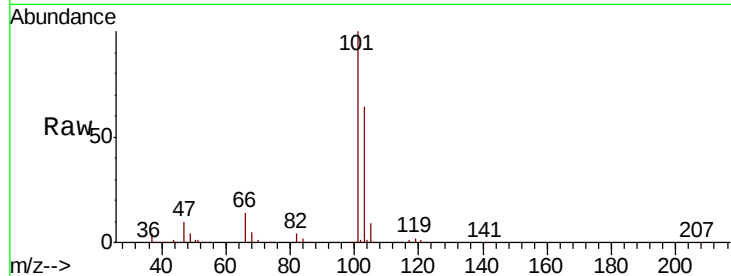
Trichlorofluoromethane
Concen: 46.705 ug/l
RT: 3.12 min Scan# 227
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	51.0	76.6

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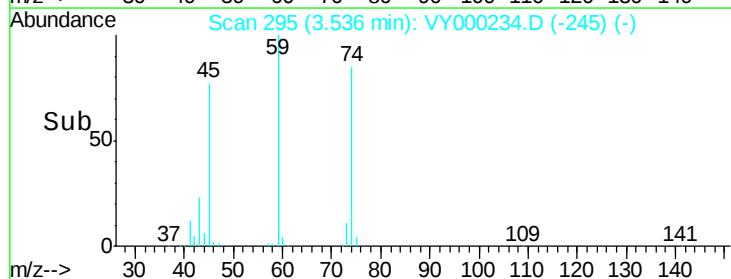
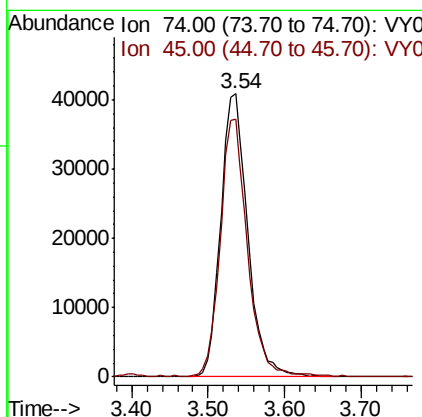
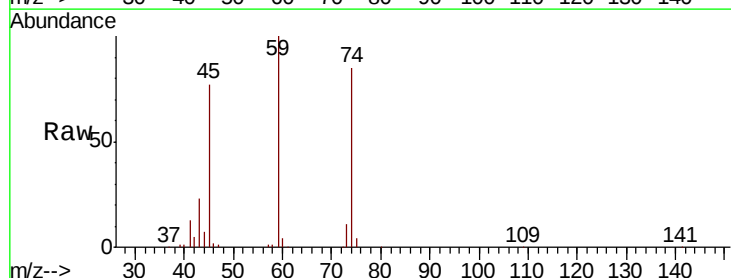
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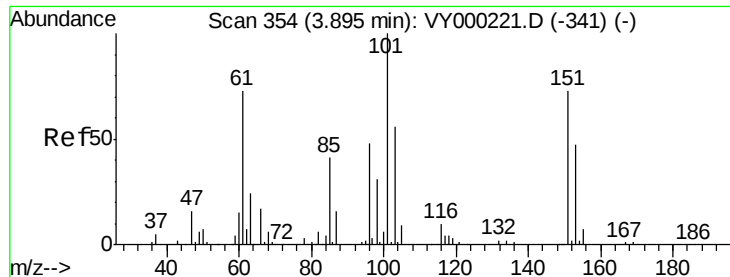


#8

Diethyl Ether
Concen: 45.707 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.7	45.8	137.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.851 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

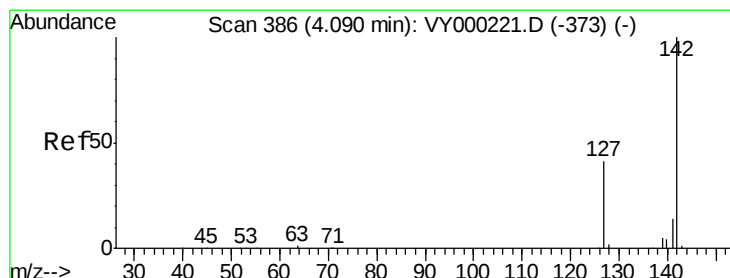
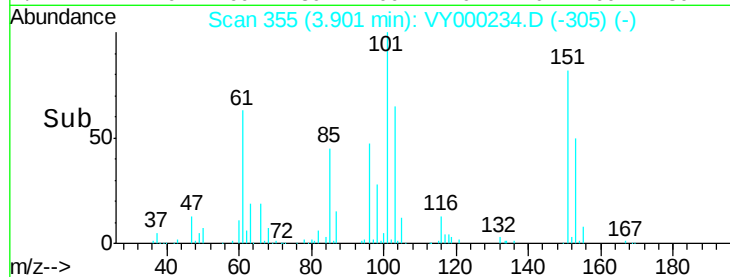
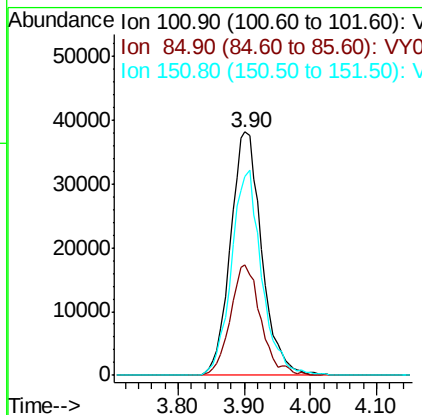
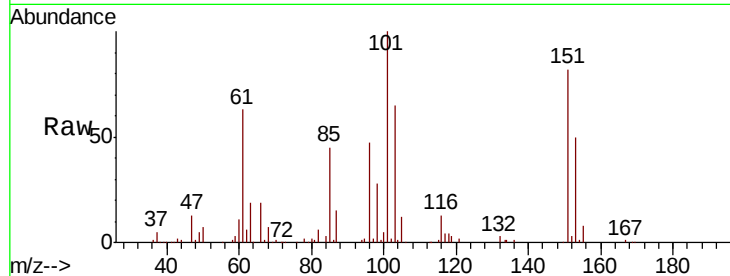
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125192
Ion Ratio	Lower	Upper	
101	100		
85	44.2	37.0	55.6
151	81.5	63.0	94.4

Manual Integrations
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#10

Methyl Iodide

Concen: 47.908 ug/l

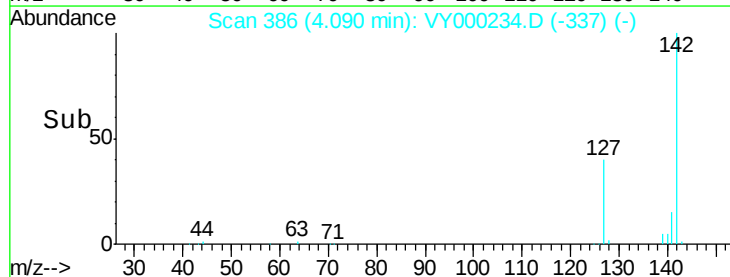
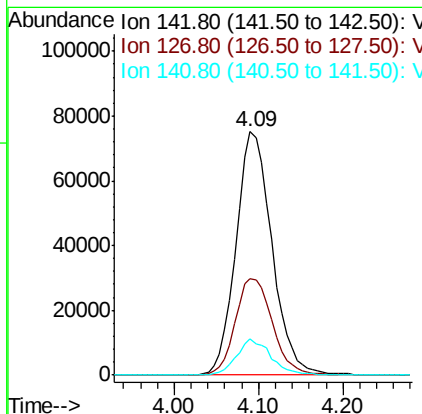
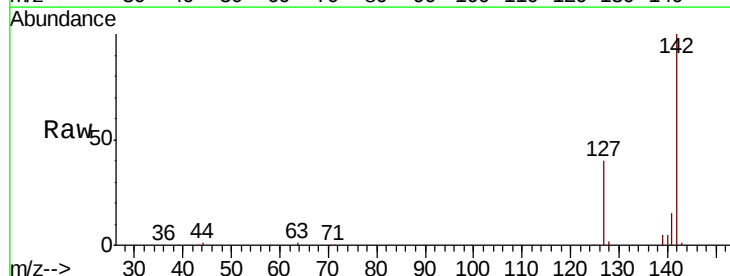
RT: 4.09 min Scan# 386

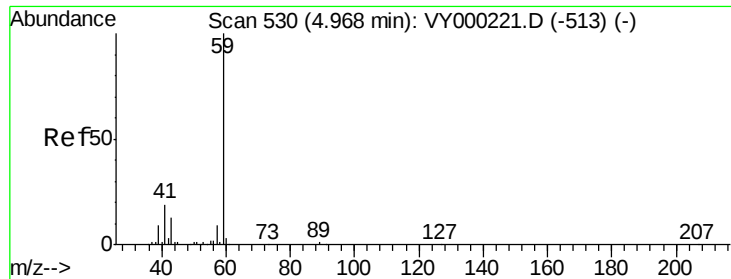
Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	142	Resp:	217091
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.0	49.6
141	14.1	11.0	16.4





#11

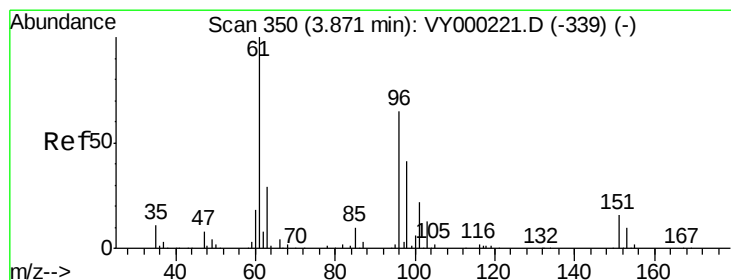
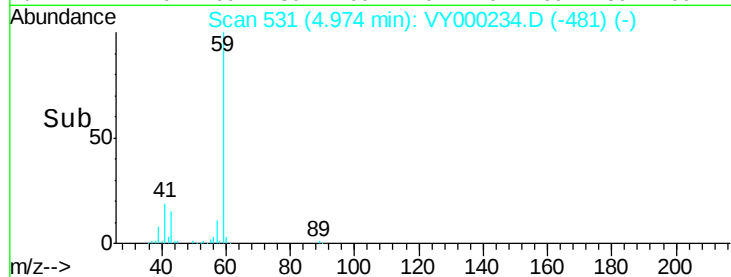
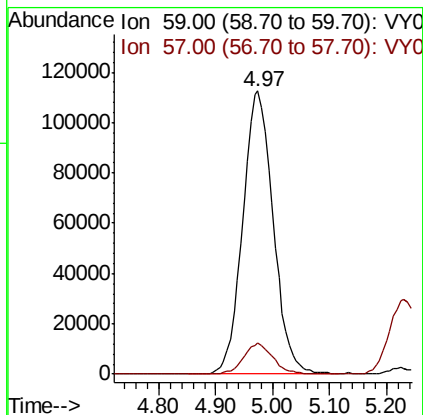
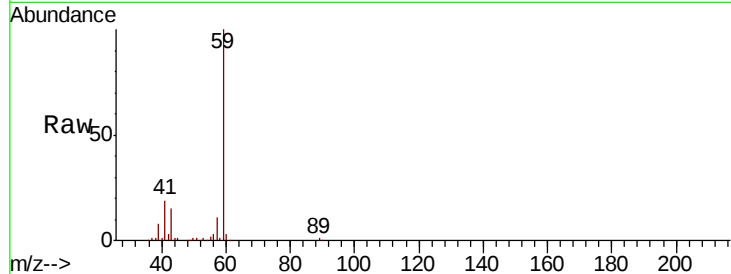
Tert butyl alcohol
 Concen: 227.869 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. 0.01 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.0	12.0

Manual Integrations
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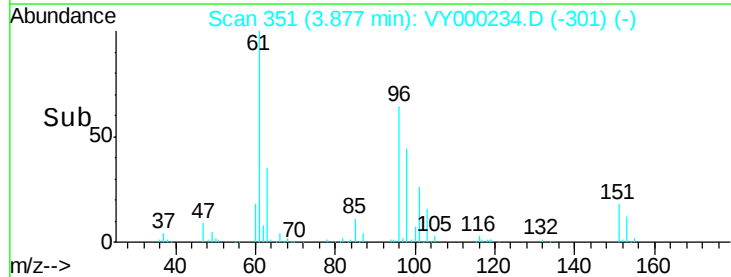
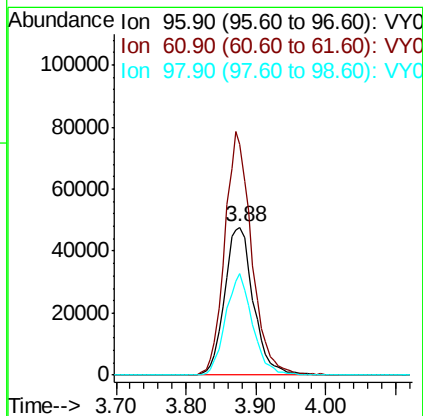
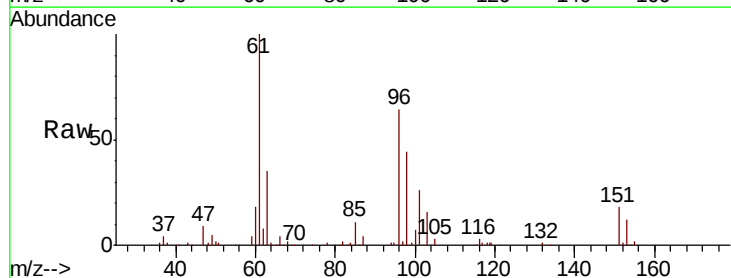
MMDadoda
 10/10/2019 12:52:34 AM

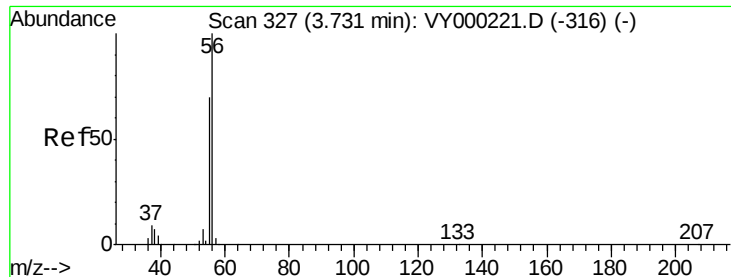


#12

1,1-Dichloroethene
 Concen: 47.049 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.9	123.8	185.8
98	69.1	50.9	76.3





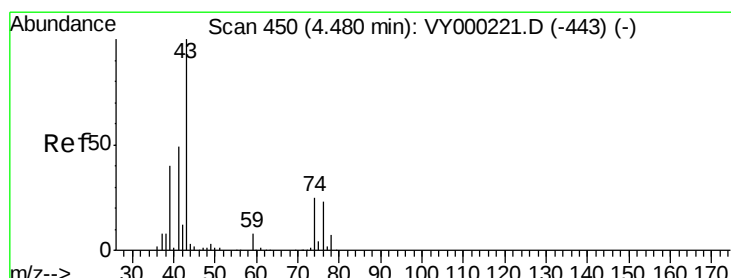
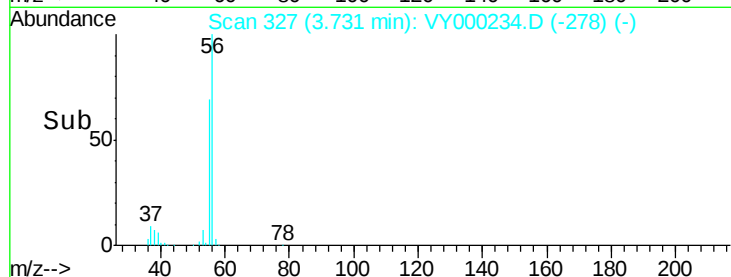
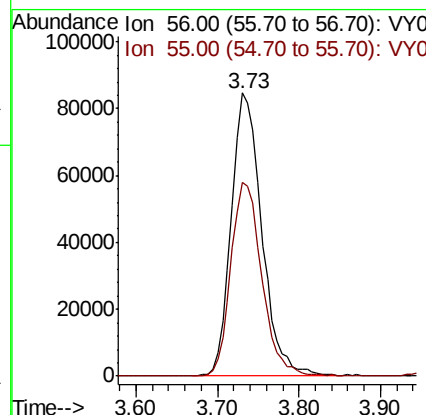
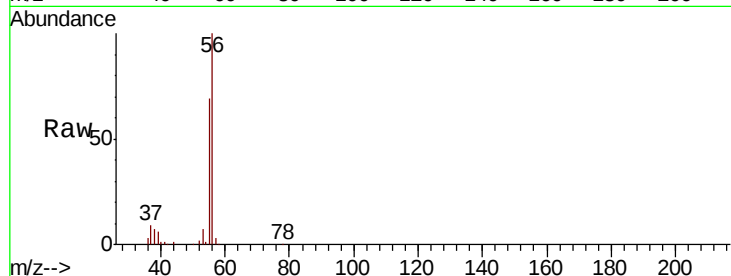
#13
Acrolein
Concen: 226.748 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.2	82.8

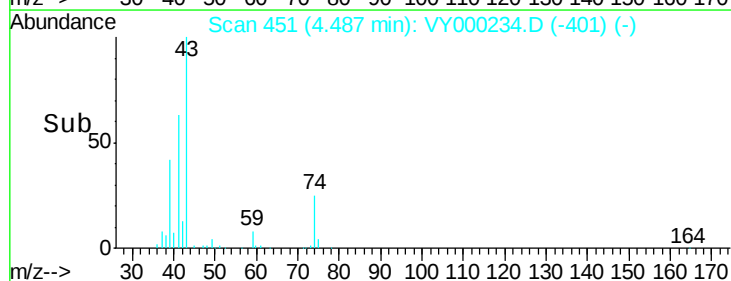
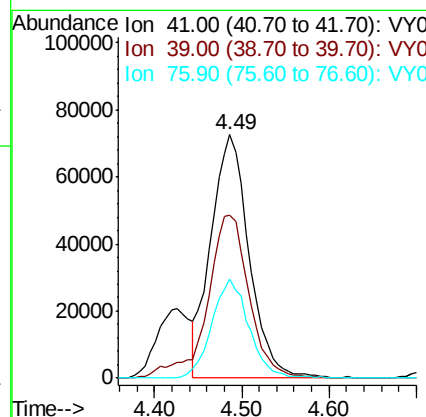
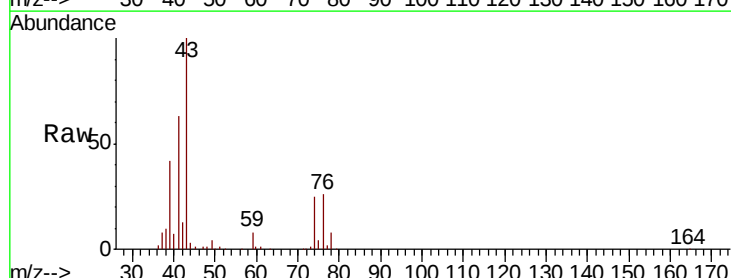
Manual Integrations
APPROVED

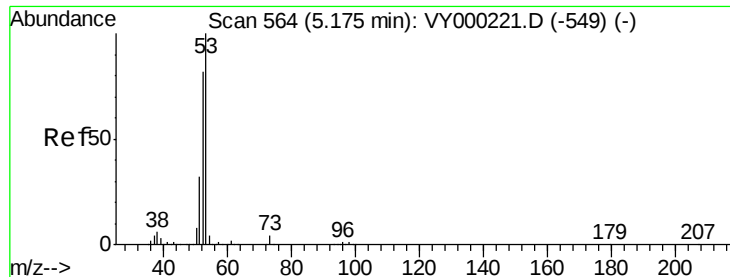
MMDadoda
10/10/2019 12:52:34 AM



#14
Allyl chloride
Concen: 44.976 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.3	56.4	84.6
76	39.6	30.8	46.2





#15

Acrylonitrile

Concen: 237.737 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

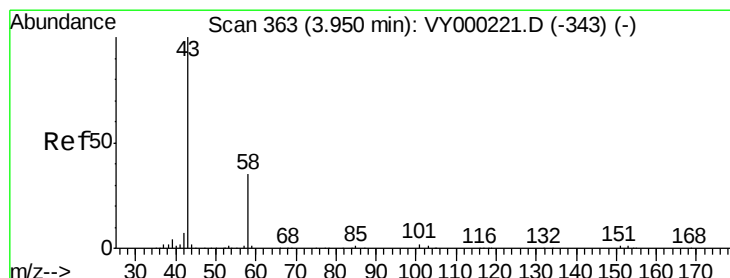
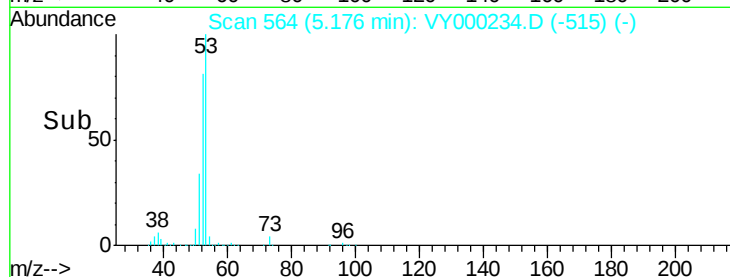
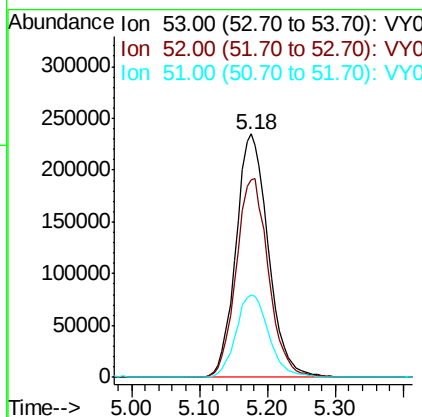
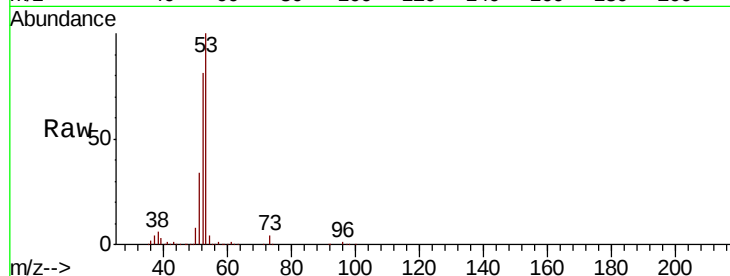
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	772863
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.4	98.2
51	34.7	27.2	40.8

Manual Integrations
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#16

Acetone

Concen: 255.346 ug/l

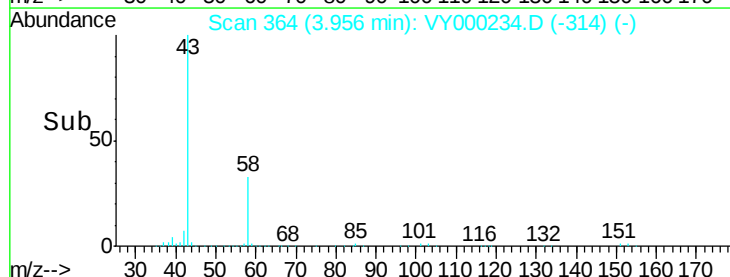
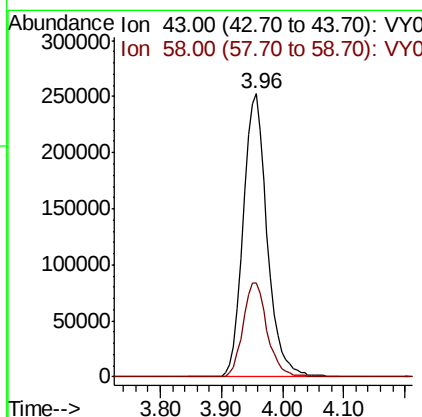
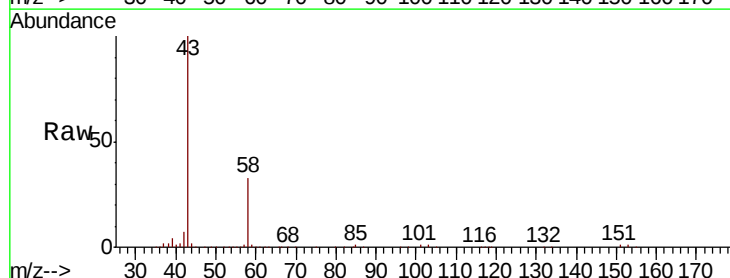
RT: 3.96 min Scan# 364

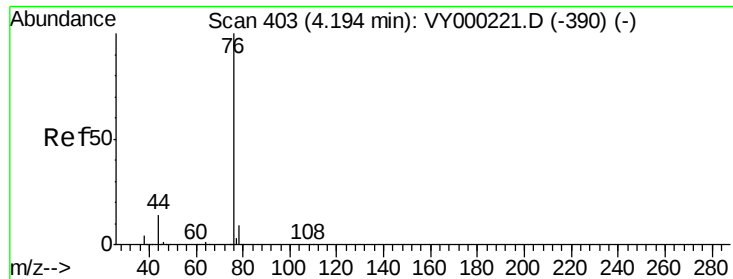
Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	43	Resp:	685550
Ion	Ratio	Lower	Upper
43	100		
58	33.0	28.2	42.4





#17

Carbon Disulfide

Concen: 46.089 ug/l

RT: 4.19 min Scan# 403

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 393638

Ion Ratio Lower Upper

76 100

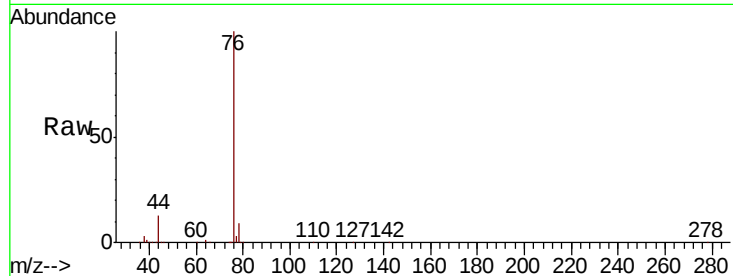
78 8.6 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

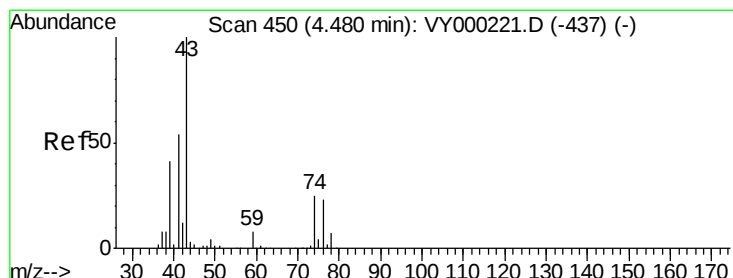
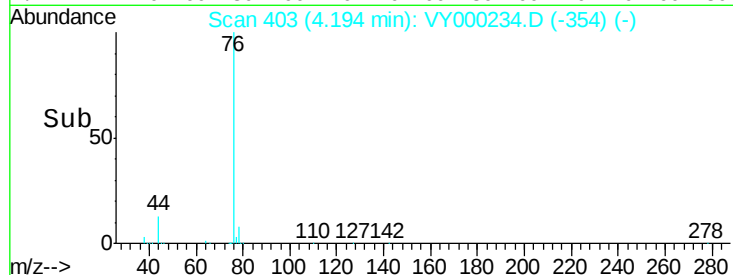
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.961 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY000234.D

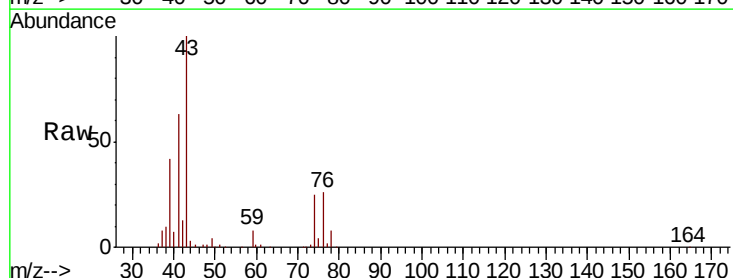
Acq: 08 Oct 2019 21:28

Tgt Ion: 43 Resp: 352879

Ion Ratio Lower Upper

43 100

74 24.6 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

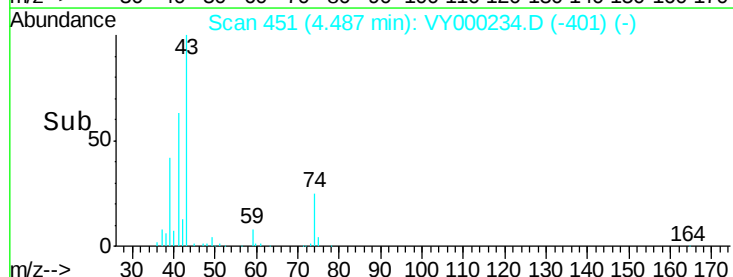
4.49

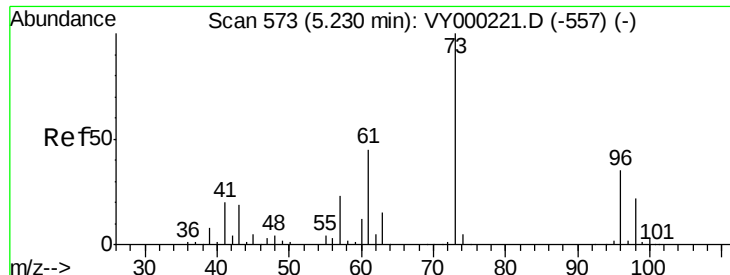
100000

50000

0

Time-->





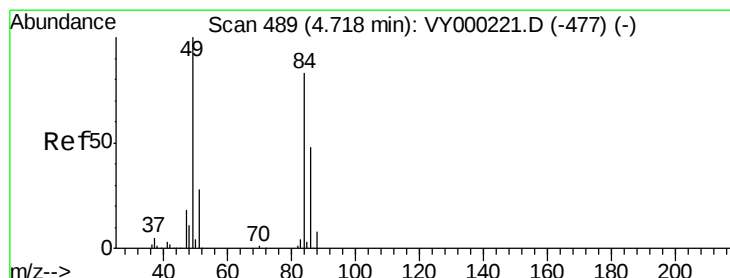
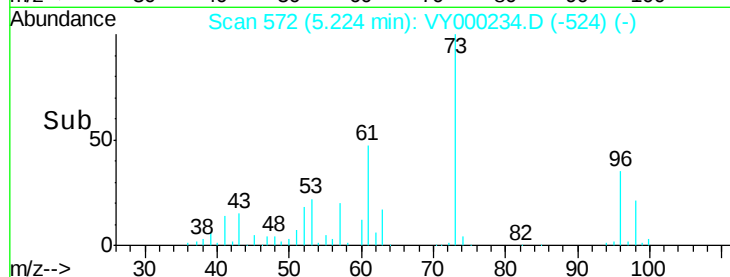
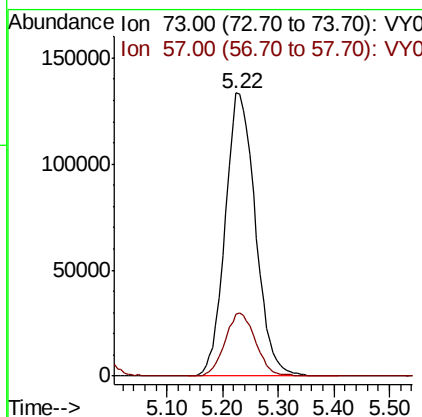
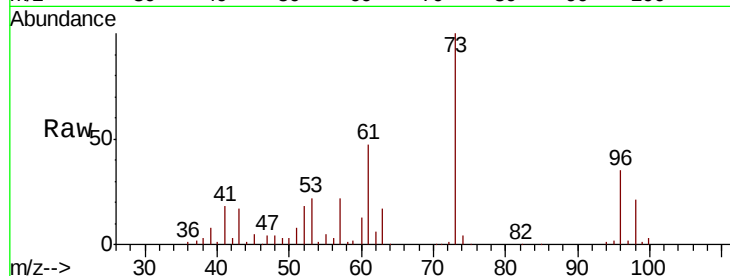
#19
Methvl tert-butvl Ether
Concen: 47.240 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 500818
Ion Ratio Lower Upper
73 100
57 21.9 18.4 27.6

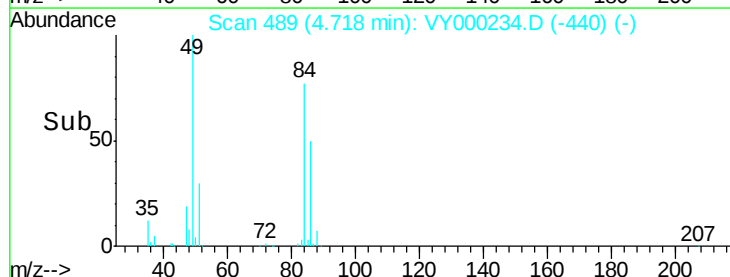
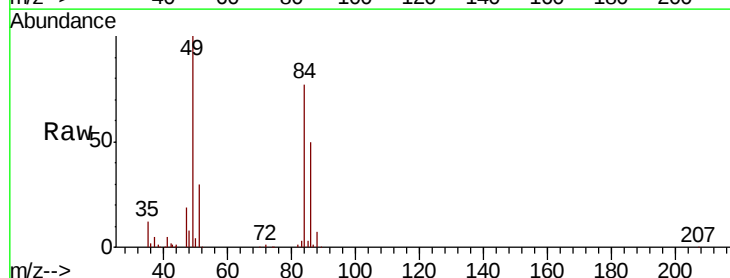
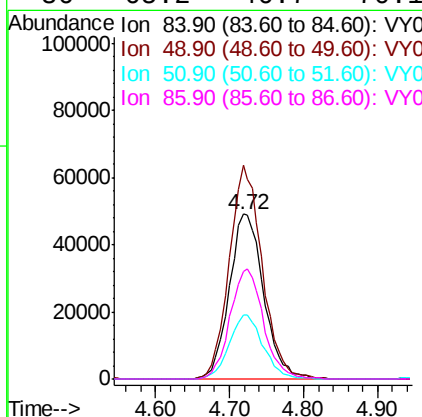
Manual Integrations
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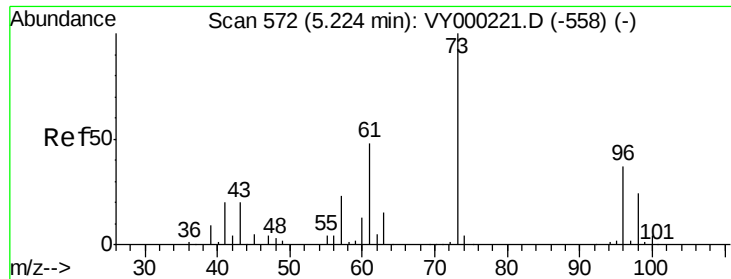
MMDadoda
10/10/2019 12:52:34 AM



#20
Methylene Chloride
Concen: 44.965 ug/l
RT: 4.72 min Scan# 489
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion: 84 Resp: 158593
Ion Ratio Lower Upper
84 100
49 129.8 96.2 144.2
51 39.0 26.6 39.8
86 65.2 46.7 70.1





#21

trans-1,2-Dichloroethene

Concen: 46.818 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

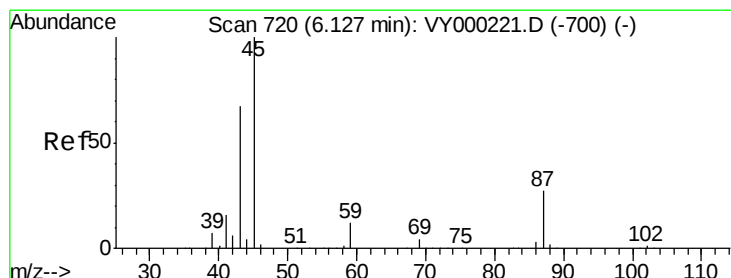
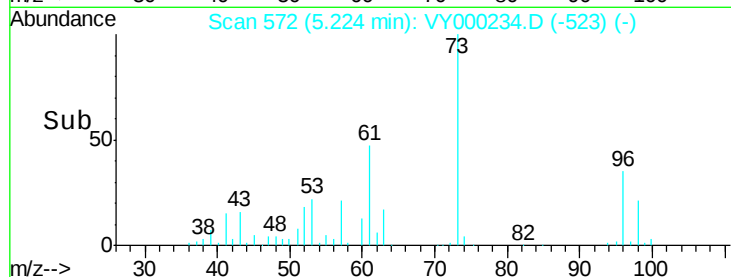
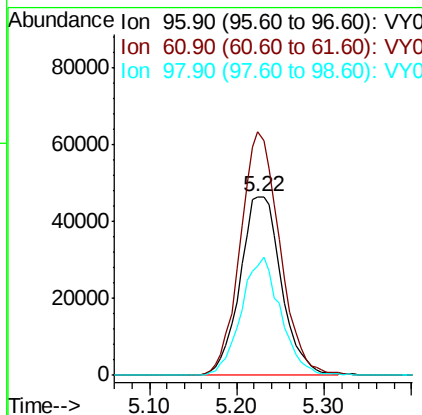
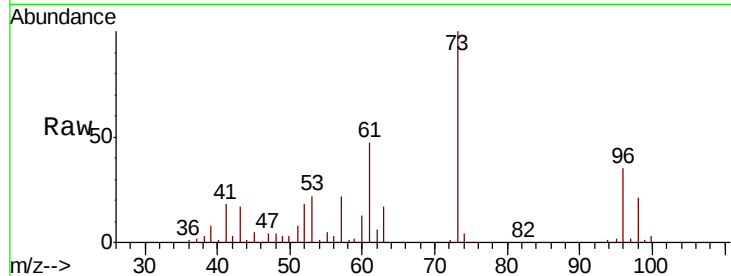
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152619
Ion	Ratio	Lower	Upper
96	100		
61	136.2	104.2	156.2
98	61.2	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.081 ug/l

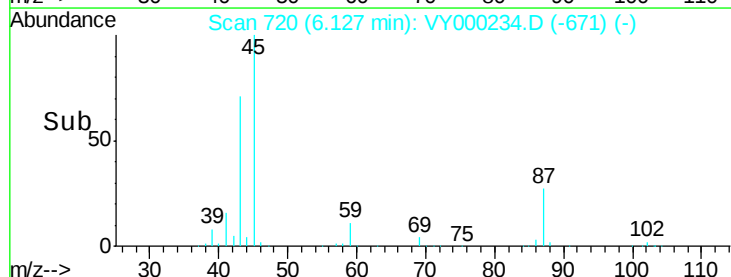
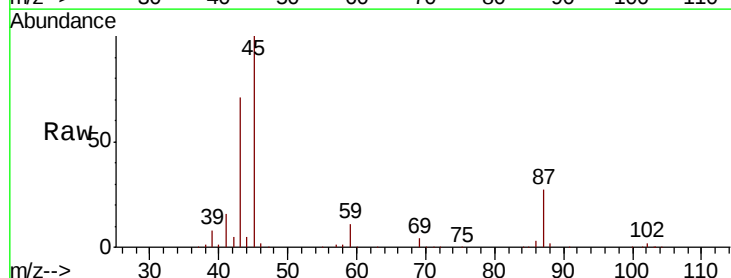
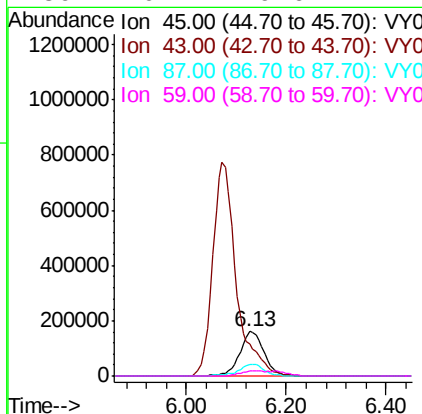
RT: 6.13 min Scan# 720

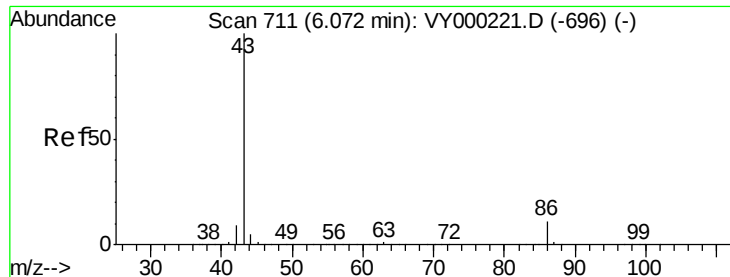
Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	45	Resp:	543925
Ion	Ratio	Lower	Upper
45	100		
43	70.8	53.4	80.2
87	26.9	21.7	32.5
59	10.7	9.6	14.4





#23

Vinyl Acetate

Concen: 225.693 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2522503

Ion Ratio Lower Upper

43 100

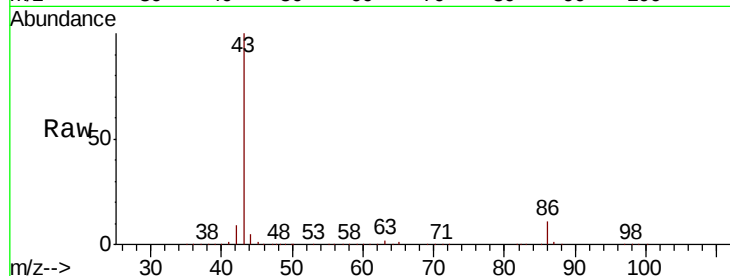
86 11.0 8.5 12.7

Manual Integrations

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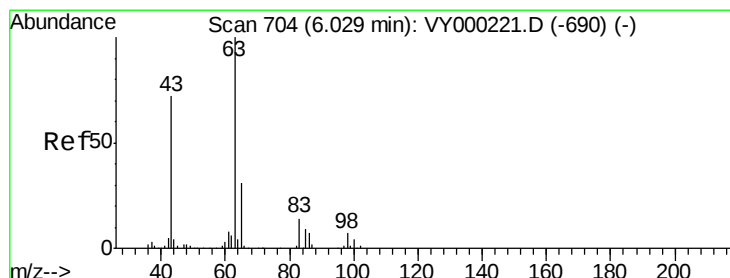
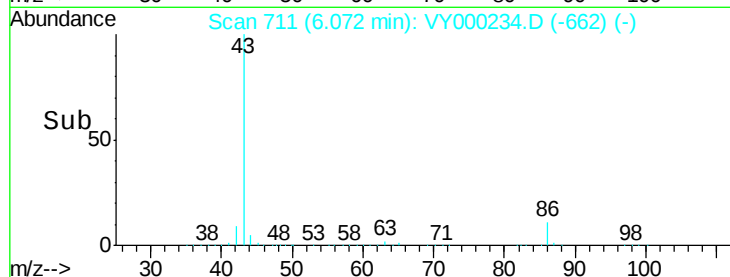
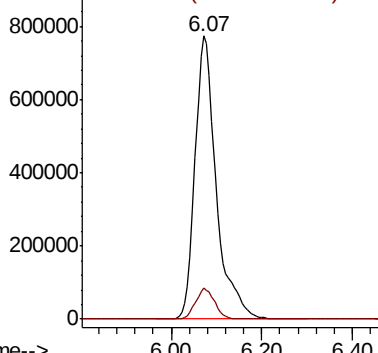
MMDadoda

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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: 47.050 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

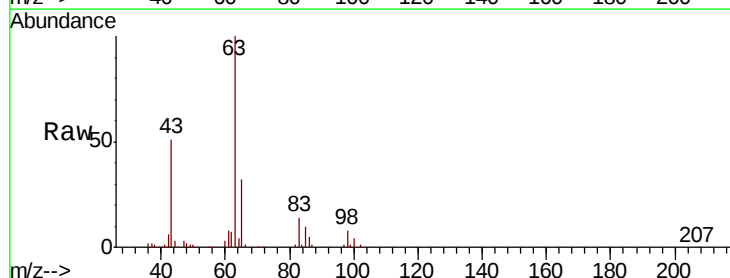
Tgt Ion: 63 Resp: 271491

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.6

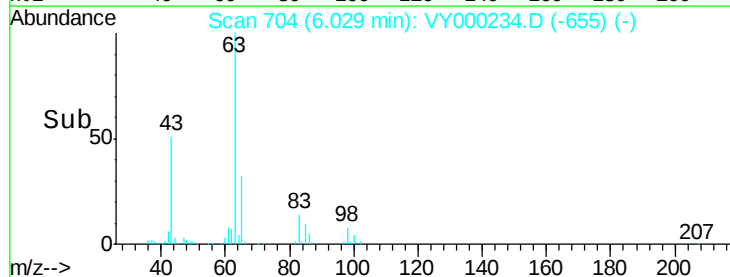
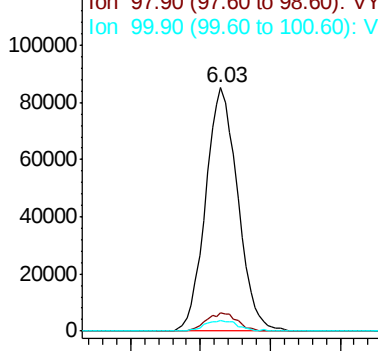
100 4.2 2.1 6.5

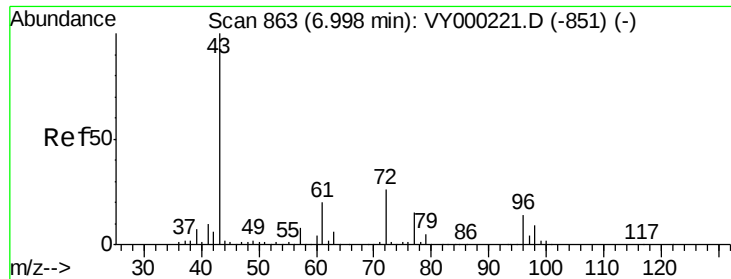


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 253.994 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1261532

Ion Ratio Lower Upper

43 100

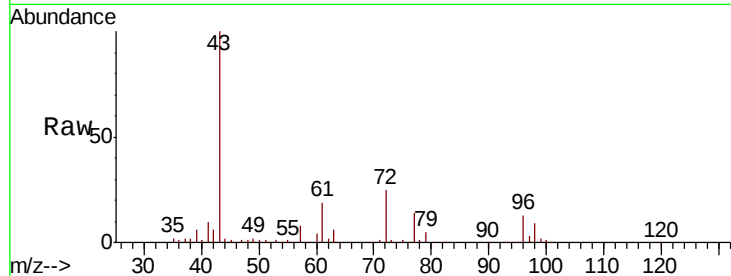
72 25.4 20.6 31.0

Manual Integrations

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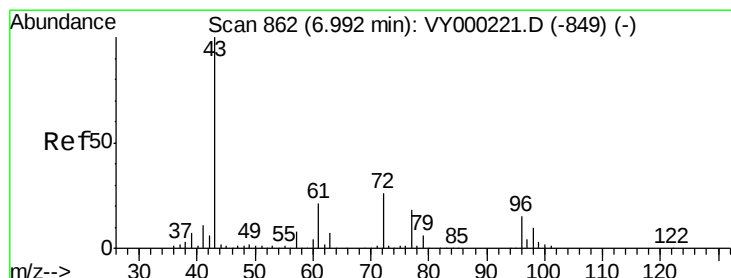
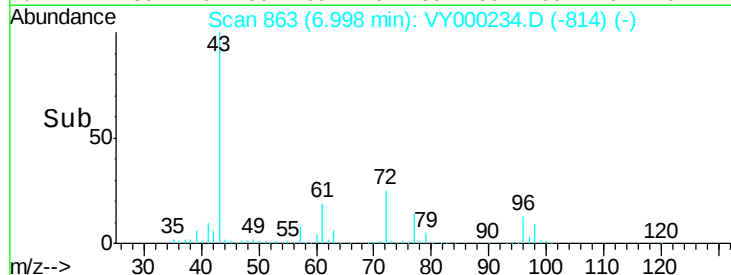
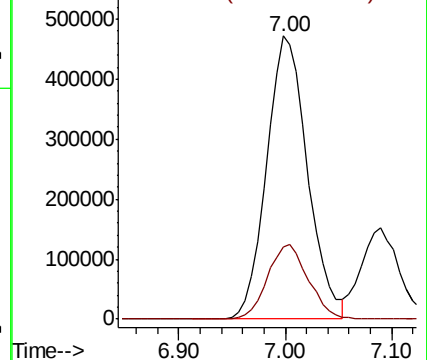
MMDadoda

10/10/2019 12:52:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 41.675 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000234.D

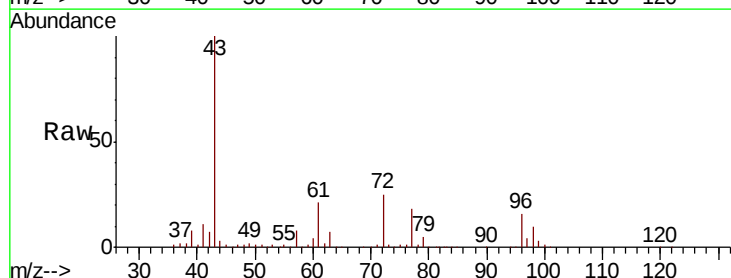
Acq: 08 Oct 2019 21:28

Tgt Ion: 77 Resp: 217082

Ion Ratio Lower Upper

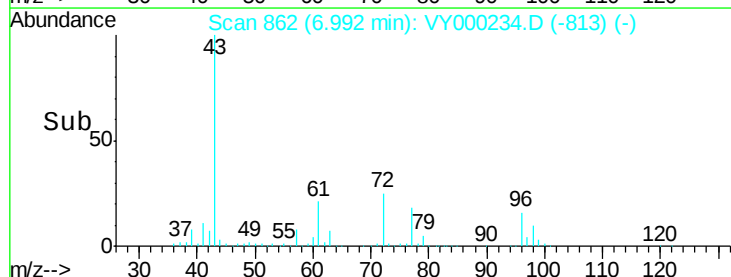
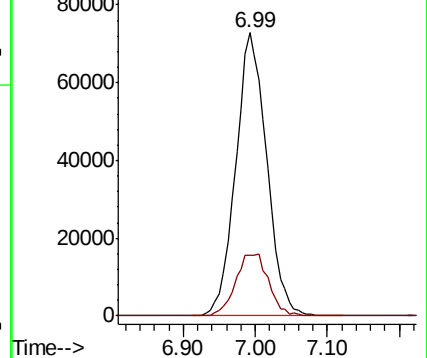
77 100

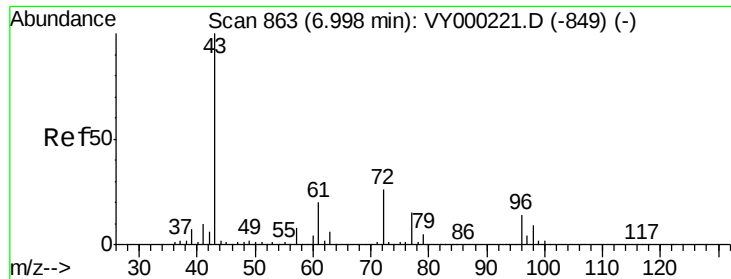
97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

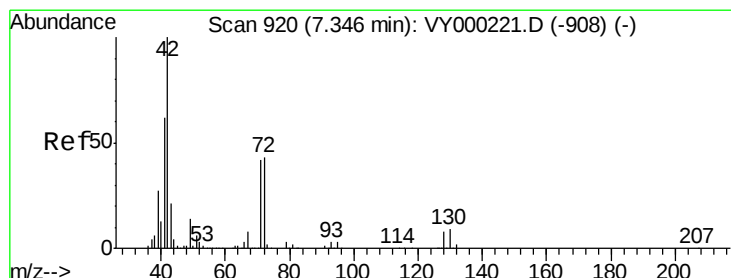
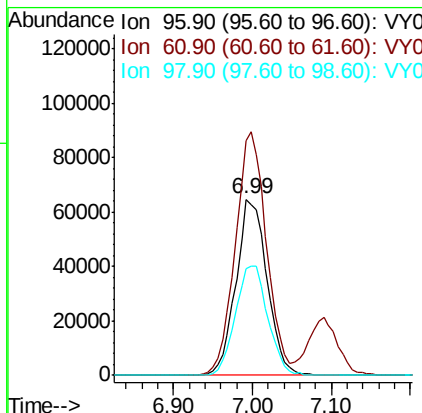
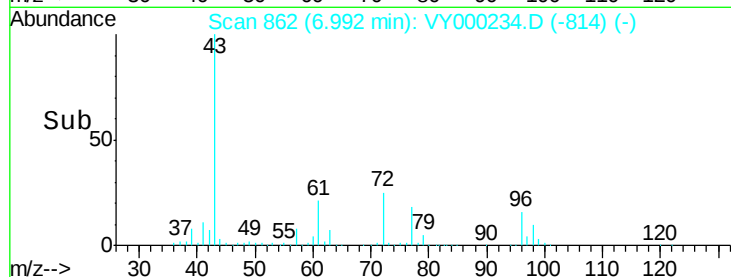
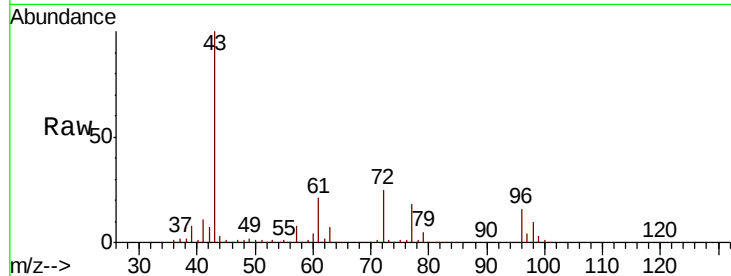
cis-1,2-Dichloroethene
Concen: 46.293 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	177756		
61	137.9	0.0	282.6	
98	64.8	0.0	129.8	

Manual Integrations
APPROVED

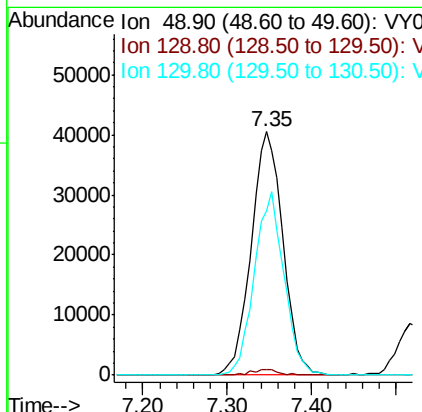
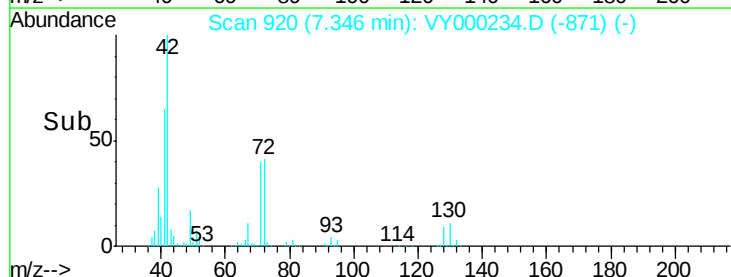
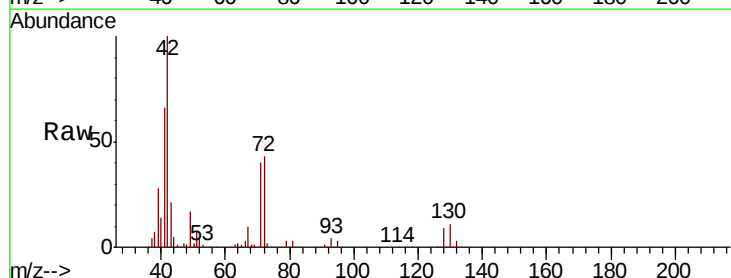
MMDadoda
10/10/2019 12:52:34 AM

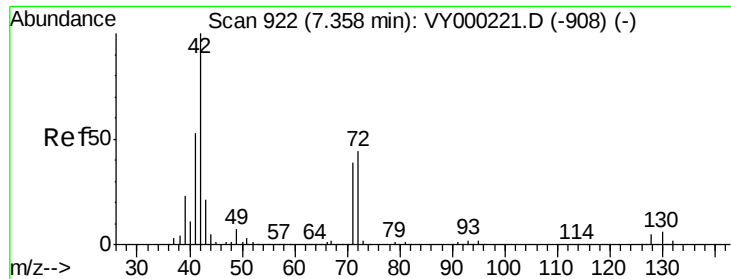


#28

Bromochloromethane
Concen: 54.712 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	103915		
129	2.0	0.0	3.2	
130	70.6	56.5	84.7	





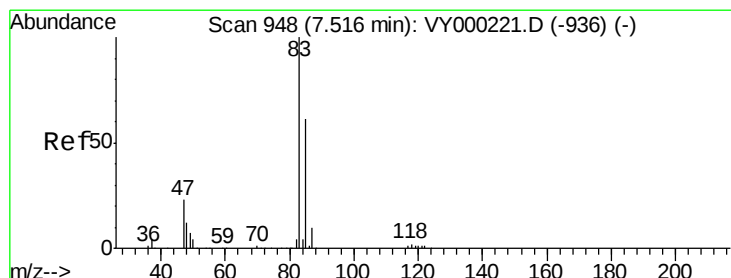
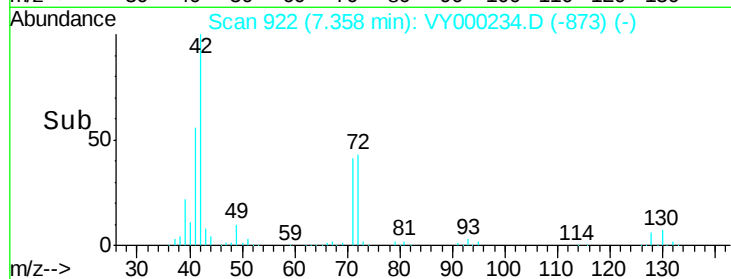
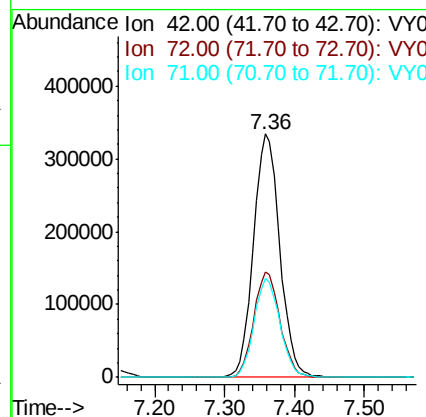
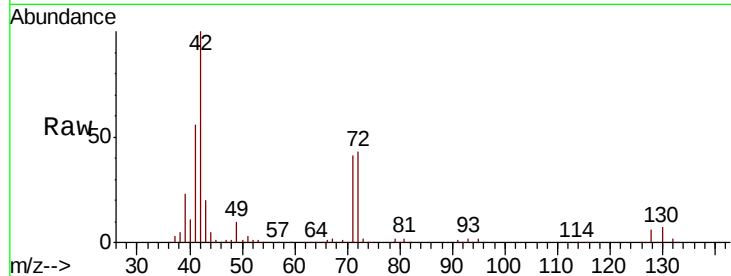
#29
Tetrahydrofuran
Concen: 249.352 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.6	51.8
71	40.0	31.9	47.9

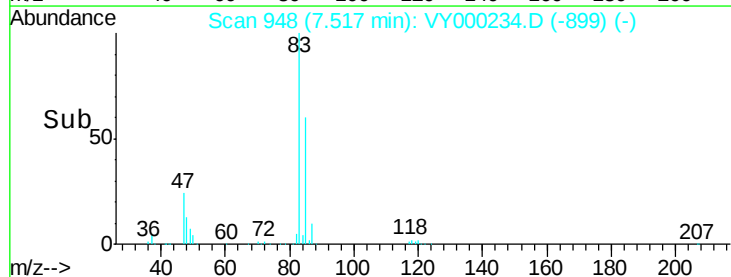
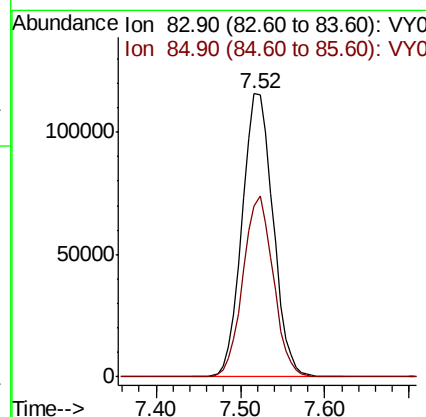
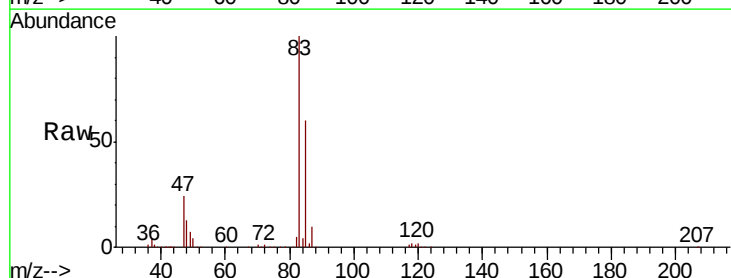
Manual Integrations
APPROVED

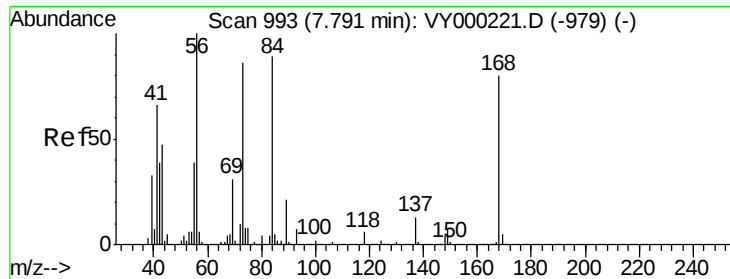
MMDadoda
10/10/2019 12:52:34 AM



#30
Chloroform
Concen: 47.848 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.2	48.9	73.3





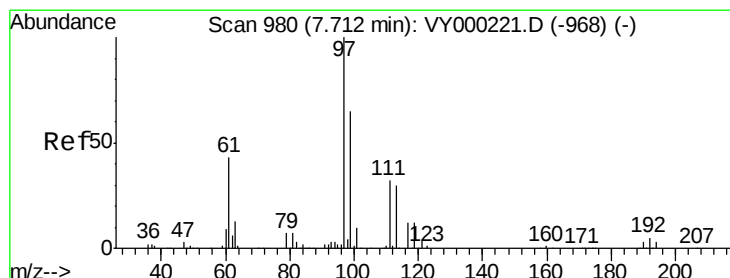
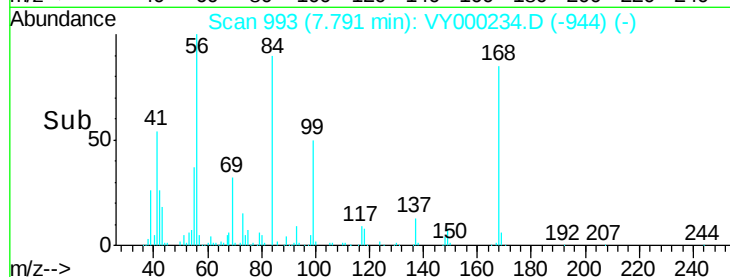
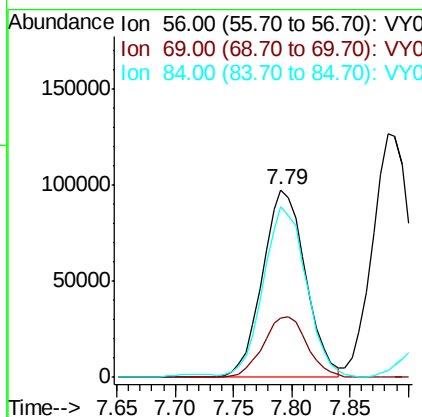
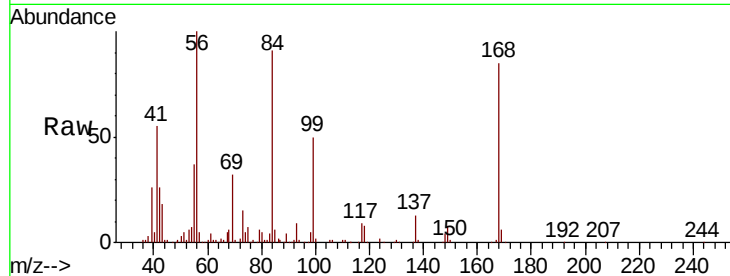
#31
Cyclohexane
Concen: 42.696 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	24.7	37.1
84	89.3	71.3	106.9

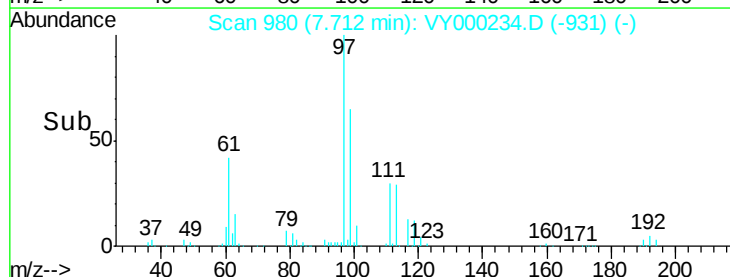
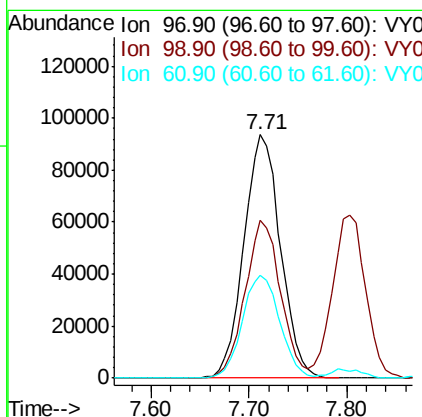
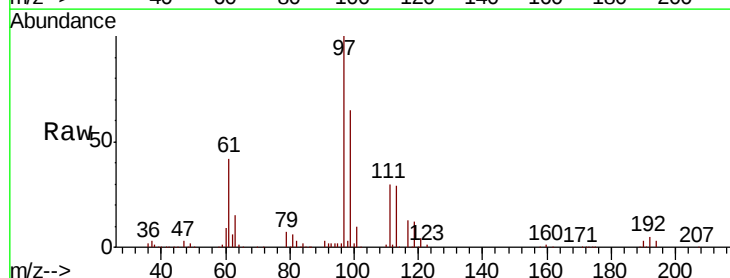
Manual Integrations
APPROVED

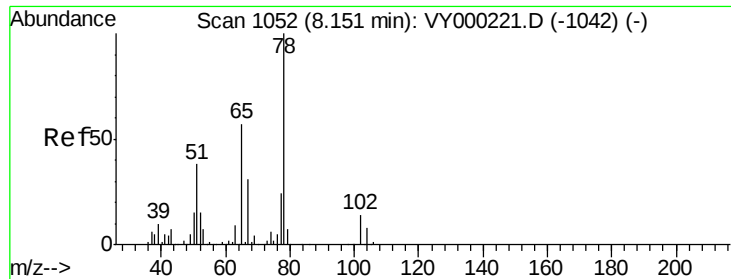
MMDadoda
10/10/2019 12:52:34 AM



#32
1,1,1-Trichloroethane
Concen: 47.742 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	43.0	34.2	51.4





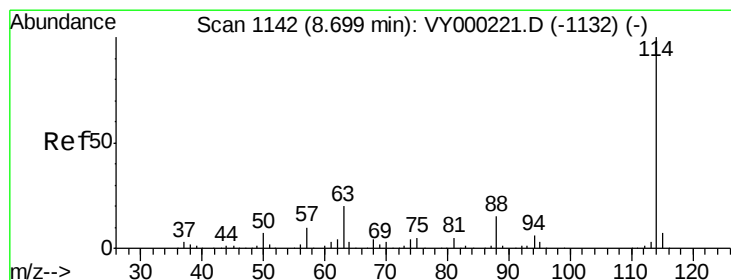
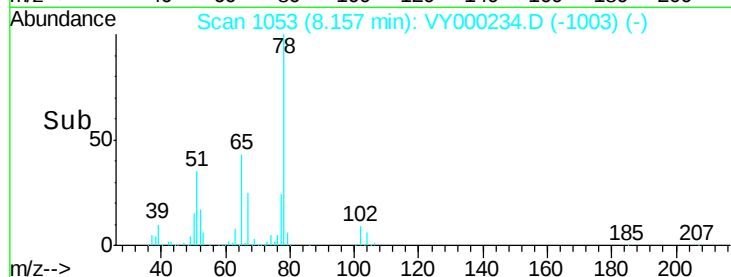
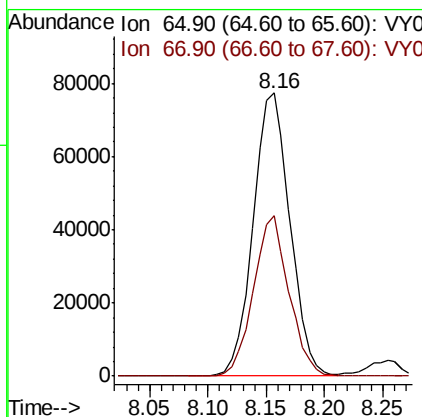
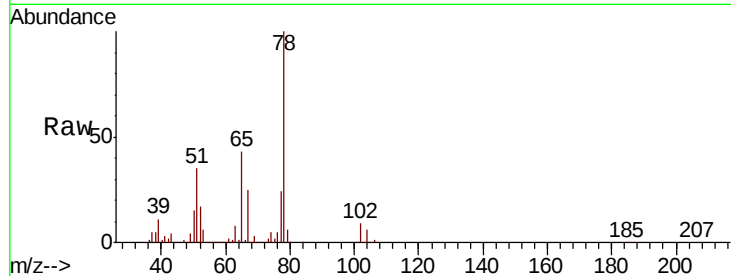
#33
 1,2-Dichloroethane-d4
 Concen: 49.962 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.0

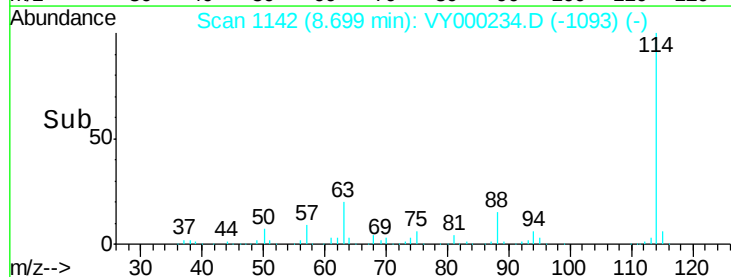
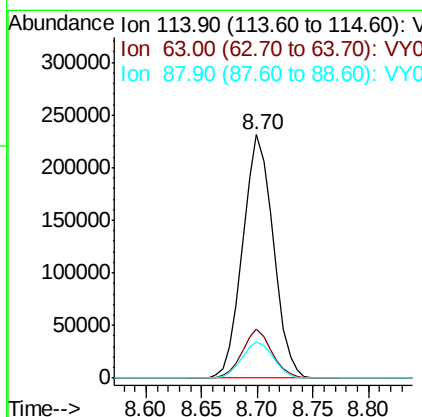
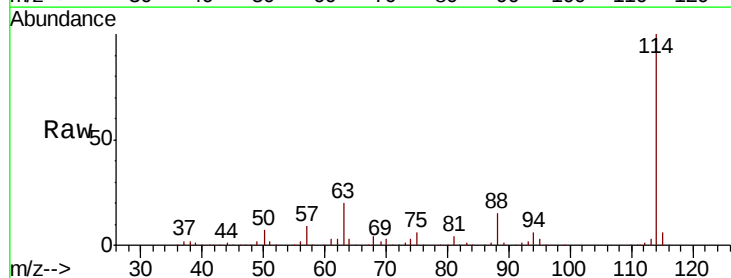
Manual Integrations
 APPROVED

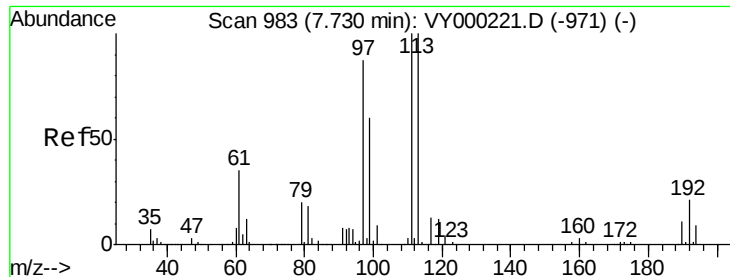
MMDadoda
 10/10/2019 12:52:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	39.0
88	14.9	0.0	30.6





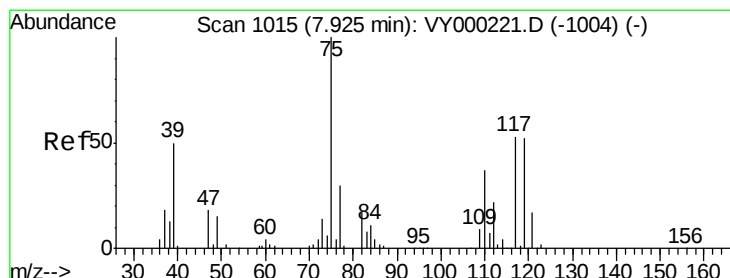
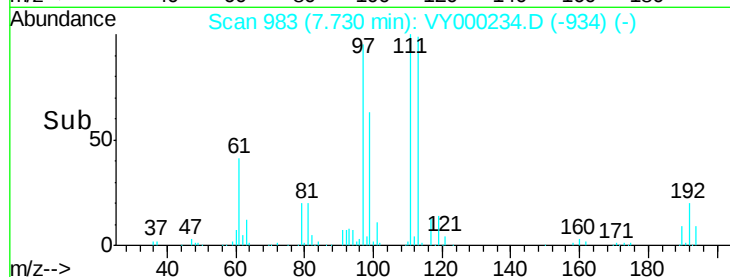
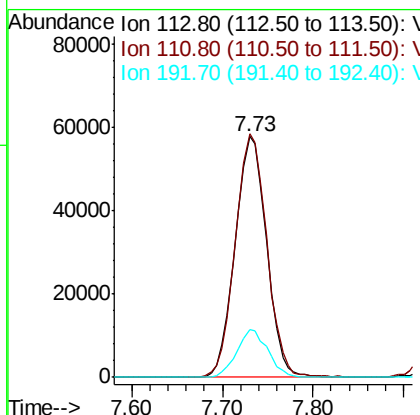
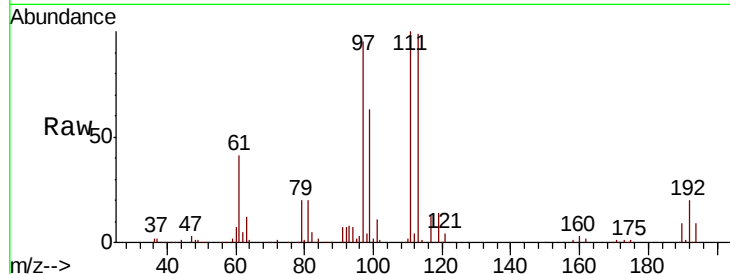
#35
Dibromofluoromethane
Concen: 50.407 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139169		
111	101.4	82.6	124.0	
192	19.5	15.8	23.8	

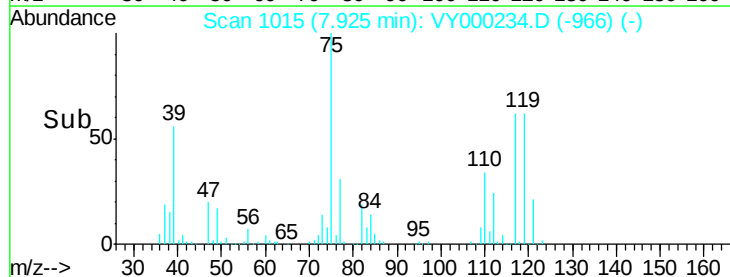
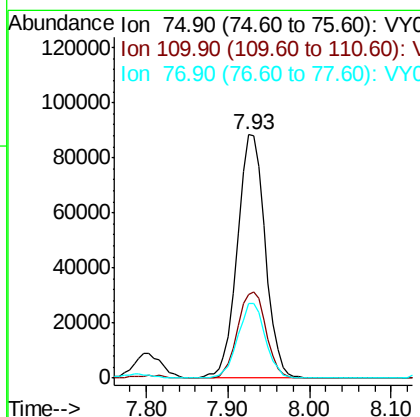
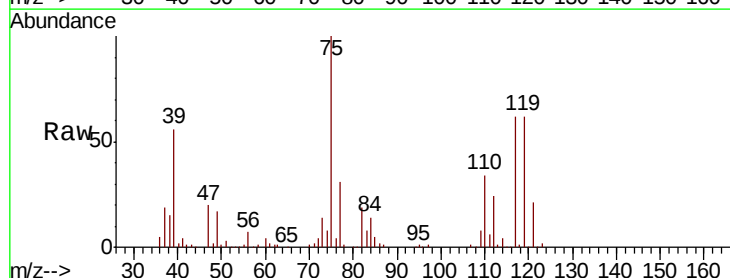
Manual Integrations
APPROVED

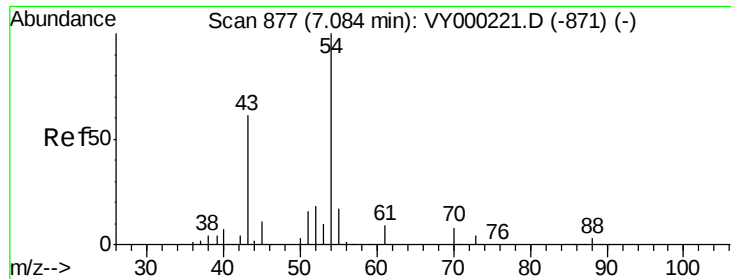
MMDadoda
10/10/2019 12:52:34 AM



#36
1,1-Dichloropropene
Concen: 46.211 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208345		
110	36.0	18.4	55.2	
77	30.5	24.7	37.1	





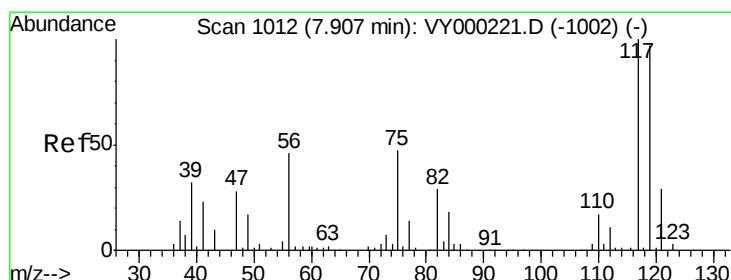
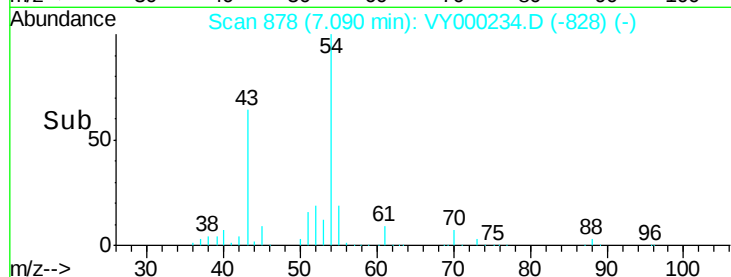
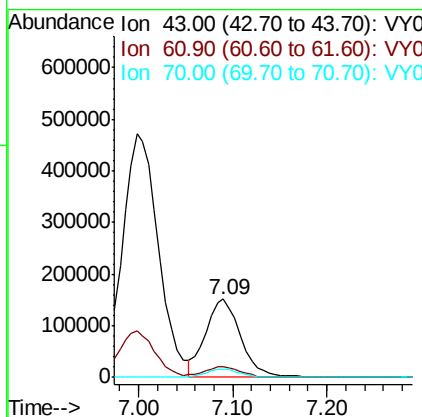
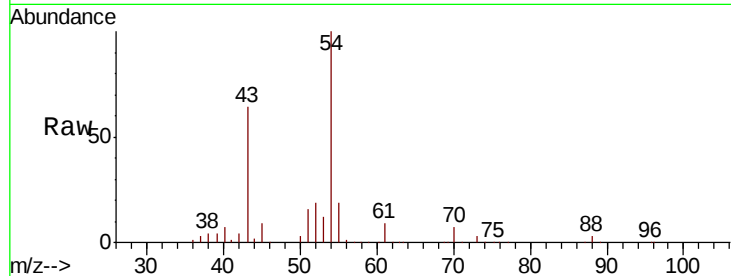
#37
Ethyl Acetate
Concen: 47.908 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	10.7	8.5	12.7

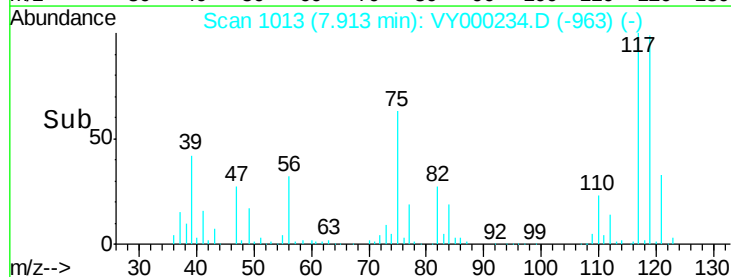
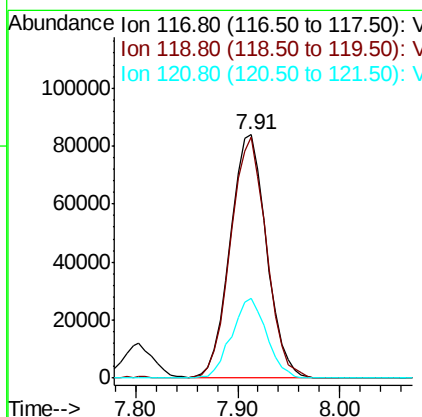
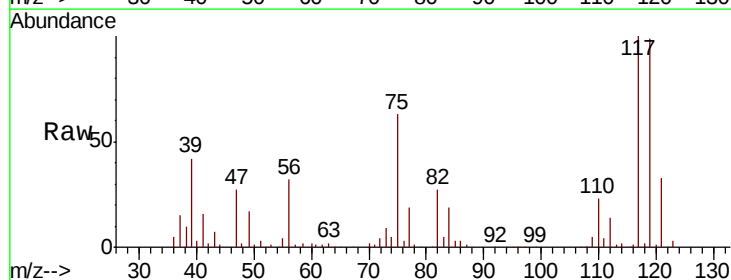
Manual Integrations
APPROVED

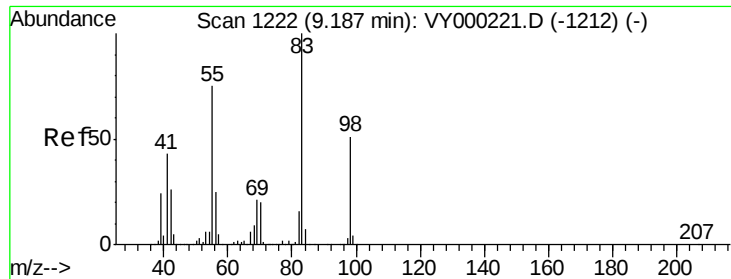
MMDadoda
10/10/2019 12:52:34 AM



#38
Carbon Tetrachloride
Concen: 47.286 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.2	115.8
121	32.9	23.1	34.7





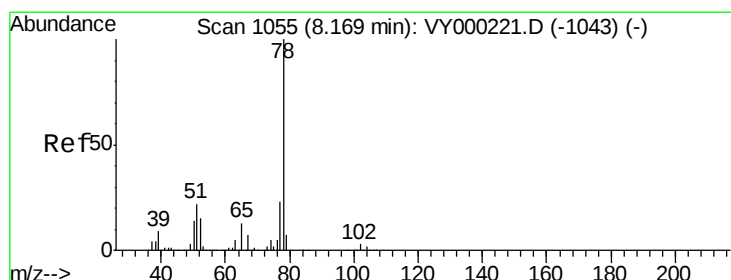
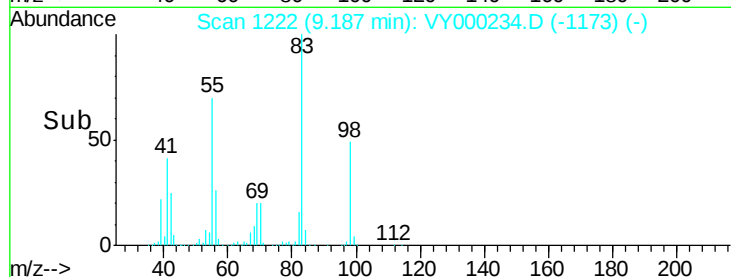
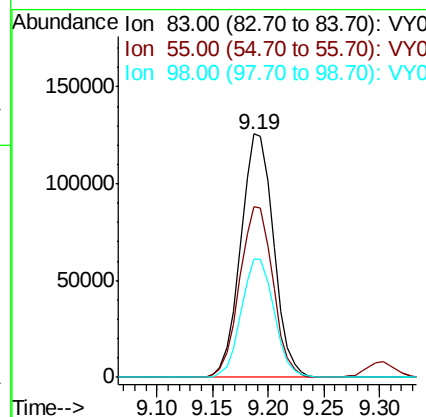
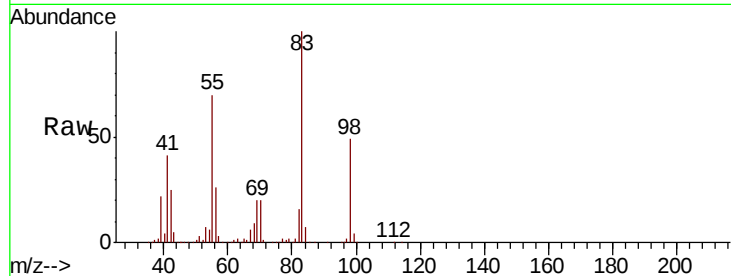
#39
Methvlcvclohexane
Concen: 45.528 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	70.3	60.2	90.4	
98	48.6	40.5	60.7	

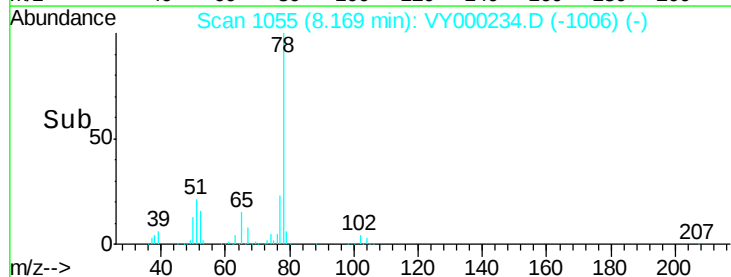
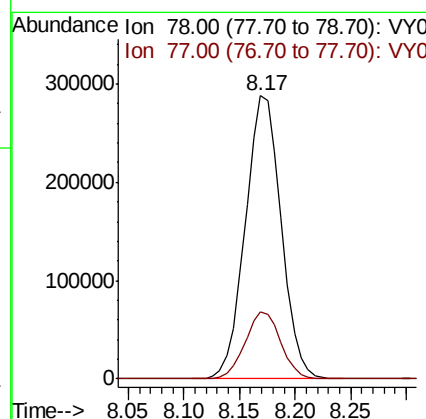
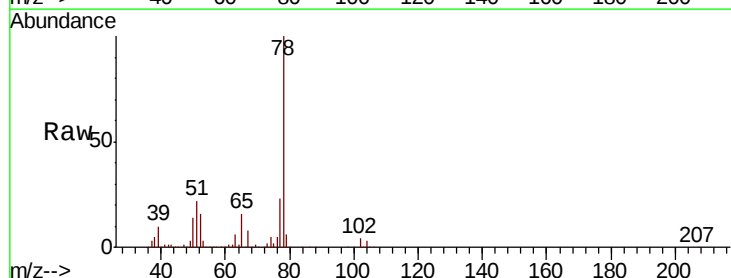
Manual Integrations
APPROVED

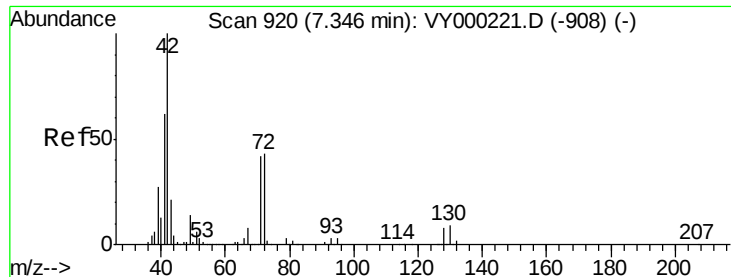
MMDadoda
10/10/2019 12:52:34 AM



#40
Benzene
Concen: 47.202 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.6	28.0	





#41

Methacrylonitrile

Concen: 46.697 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 299578

Ion Ratio Lower Upper

41 100

39 97.4 74.7 112.1

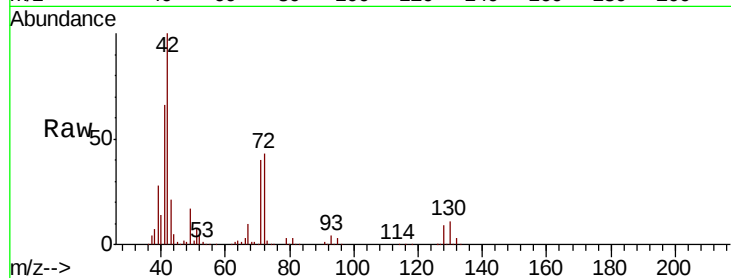
67 0.0 0.0 0.0

52 0.0 0.0 0.0

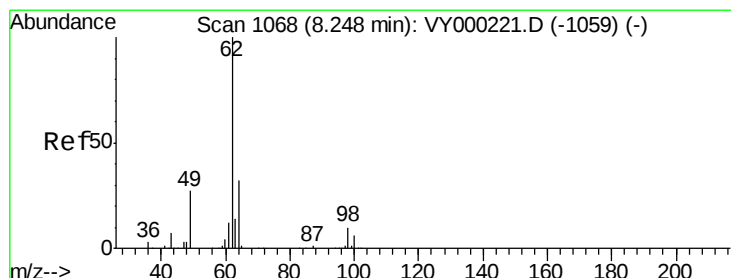
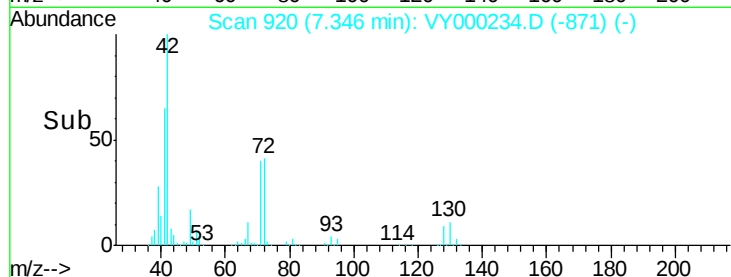
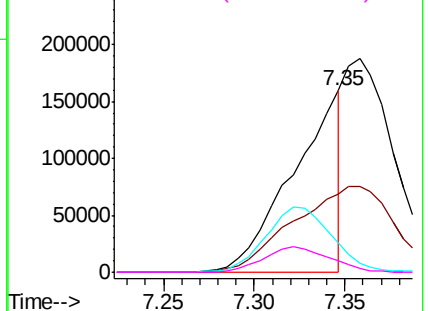
Manual Integrations
APPROVED

MMDadoda

10/10/2019 12:52:34 AM



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 49.547 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY000234.D

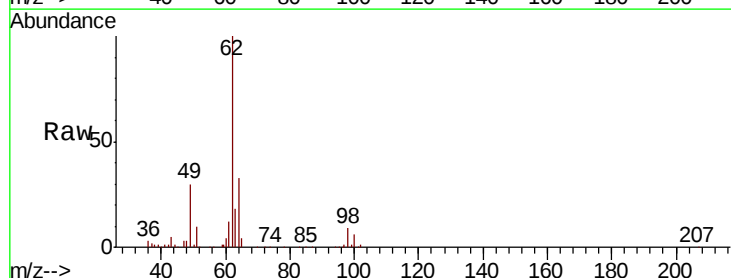
Acq: 08 Oct 2019 21:28

Tgt Ion: 62 Resp: 220105

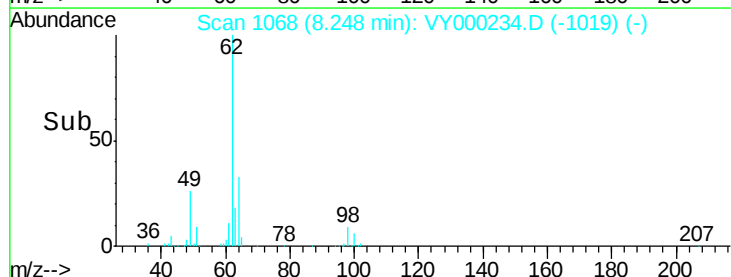
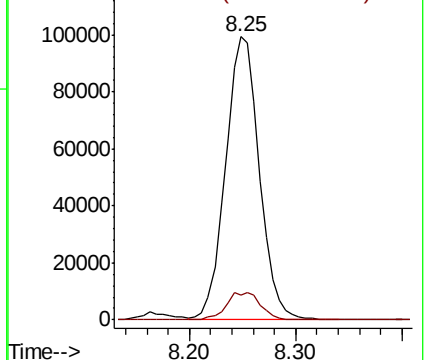
Ion Ratio Lower Upper

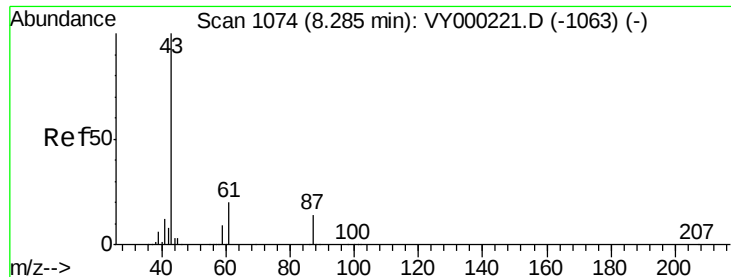
62 100

98 9.9 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





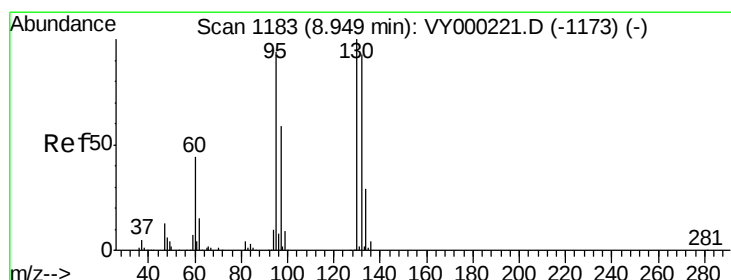
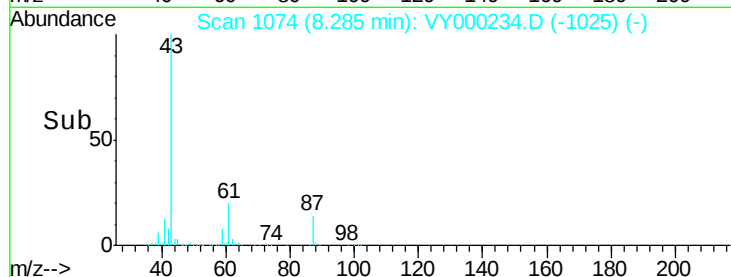
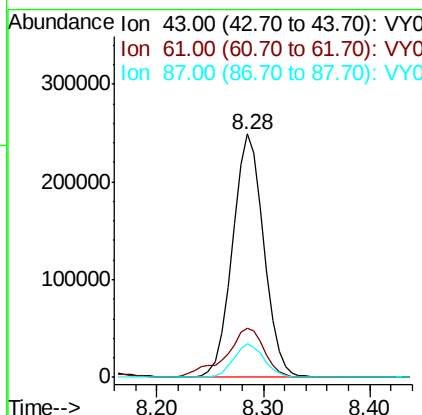
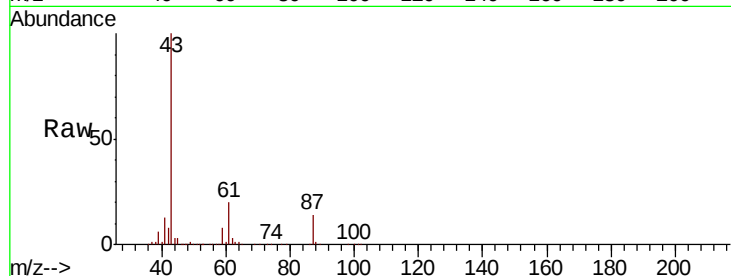
#43
Isopropyl Acetate
Concen: 48.772 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.2	20.1	30.1
87	13.6	10.6	15.8

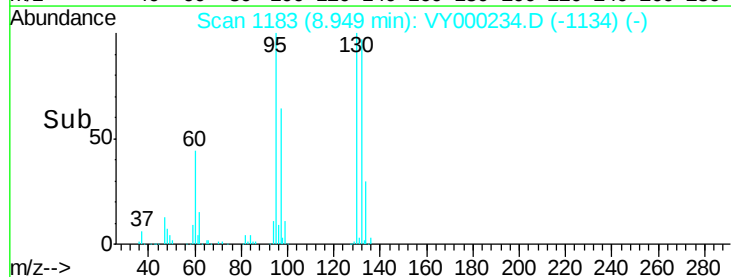
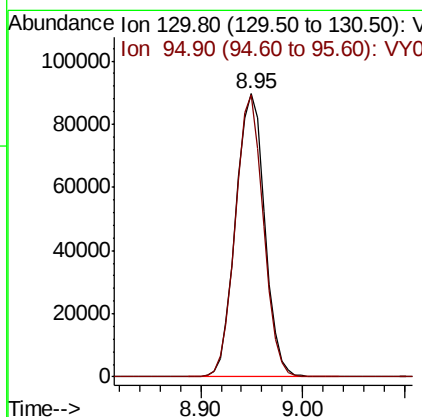
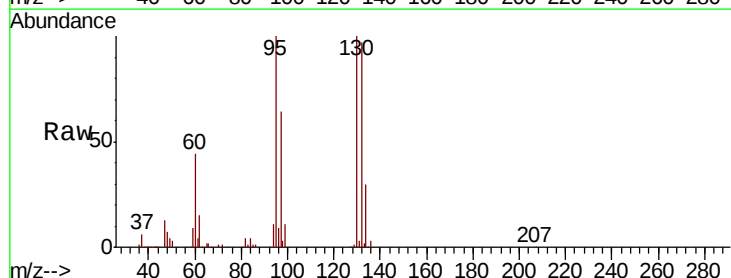
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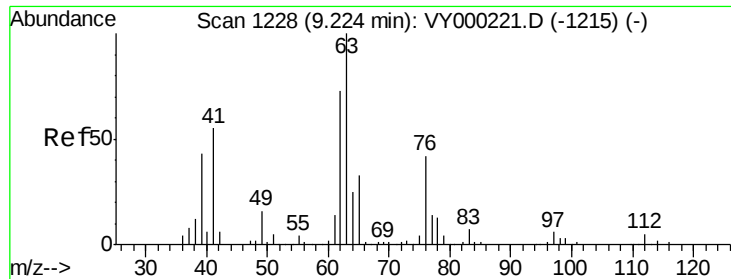
MMDadoda
10/10/2019 12:52:34 AM



#44
Trichloroethene
Concen: 47.502 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	189.0





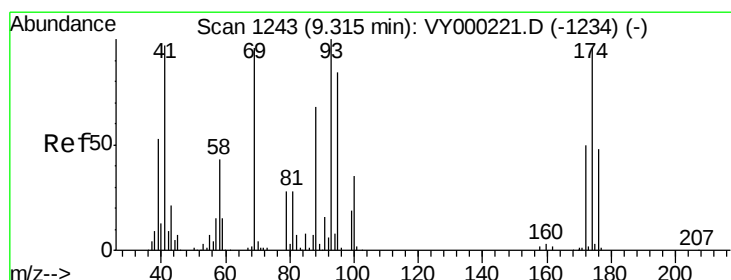
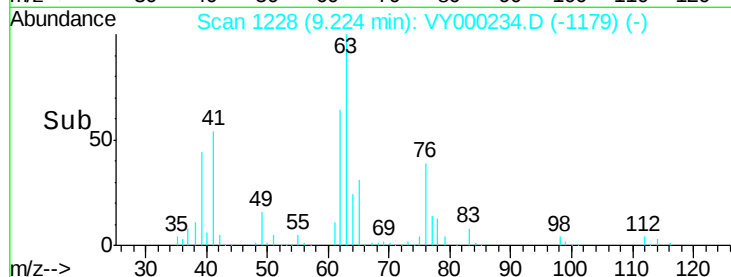
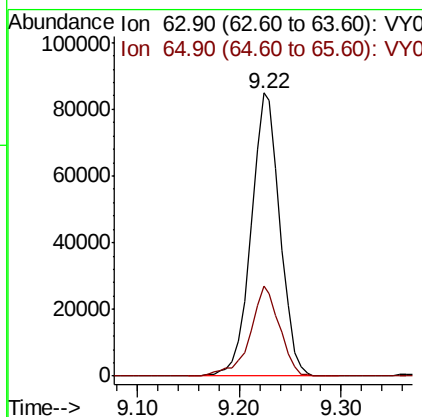
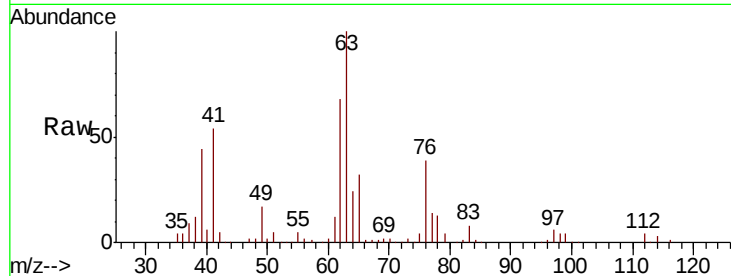
#45
 1,2-Dichloropropane
 Concen: 48.647 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 166650
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.6 39.8

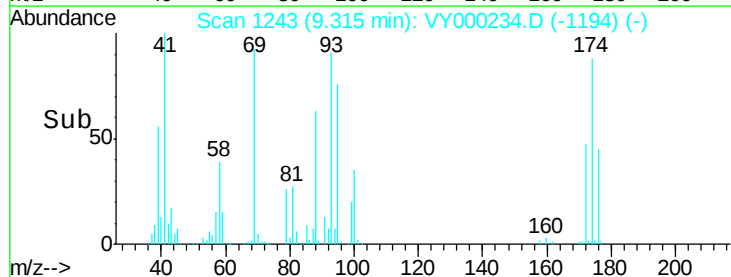
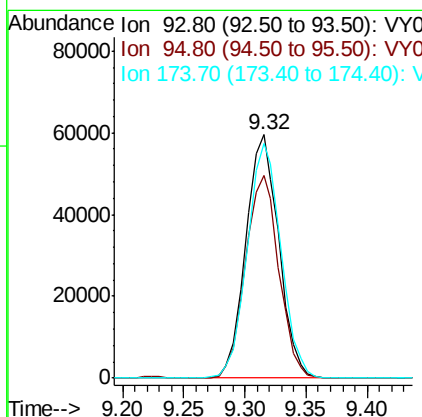
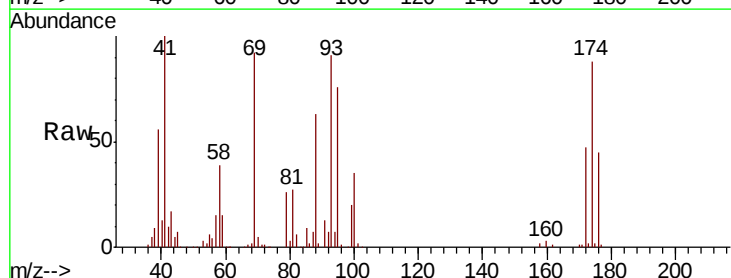
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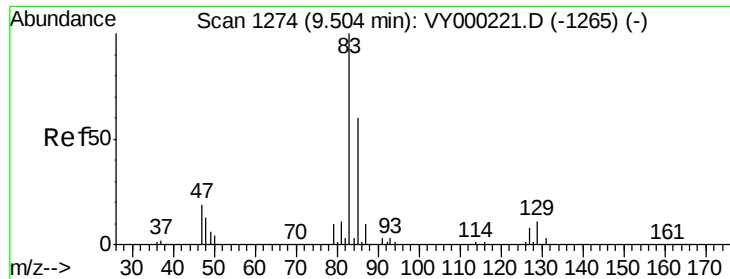
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 10/10/2019 12:52:34 AM



#46
 Dibromomethane
 Concen: 46.424 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion: 93 Resp: 111493
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.0 100.6
 174 98.5 77.5 116.3





#47

Bromodichloromethane

Concen: 48.169 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

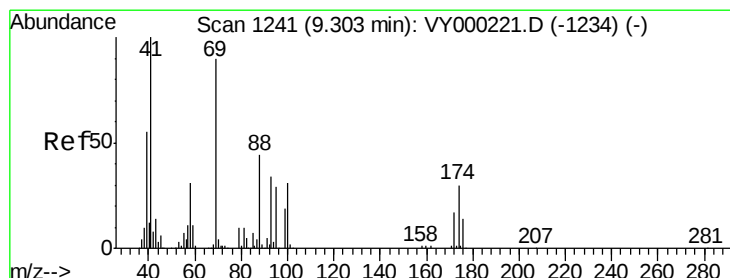
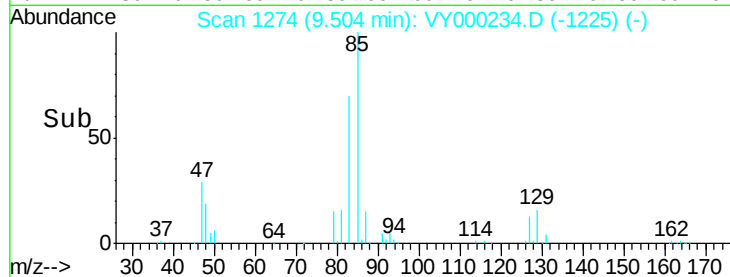
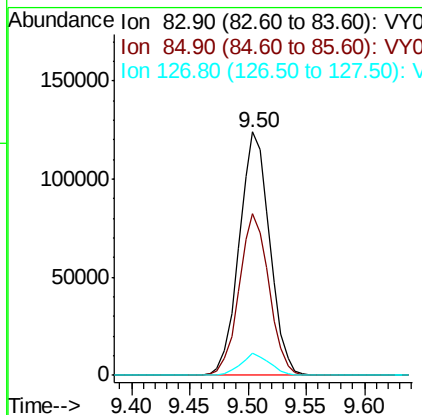
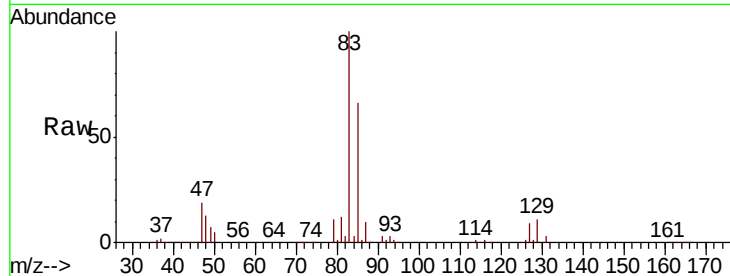
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	226281
Ion Ratio	Lower	Upper	
83	100		
85	66.3	48.0	72.0
127	8.9	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.385 ug/l

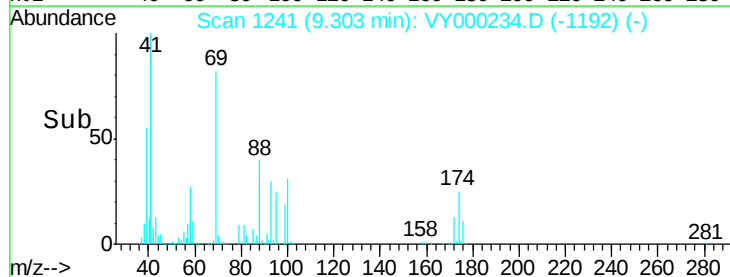
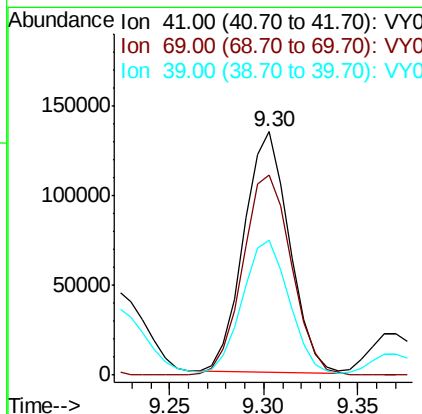
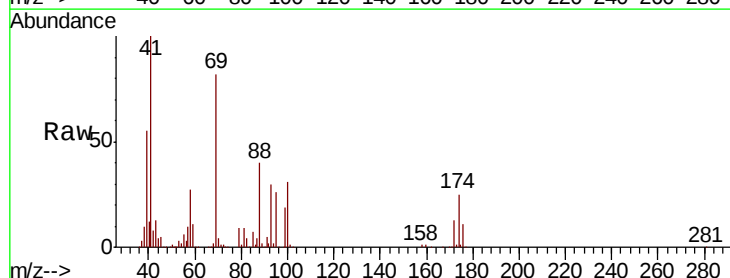
RT: 9.30 min Scan# 1241

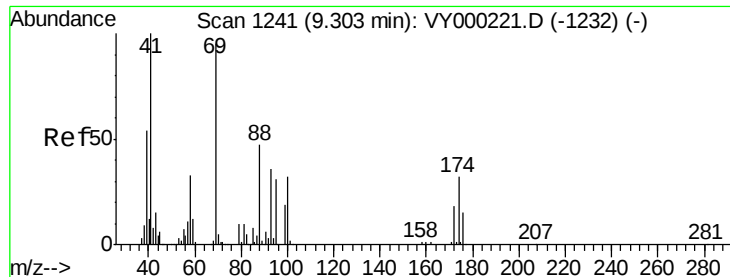
Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	41	Resp:	224384
Ion Ratio	Lower	Upper	
41	100		
69	89.6	70.3	105.5
39	58.6	45.5	68.3





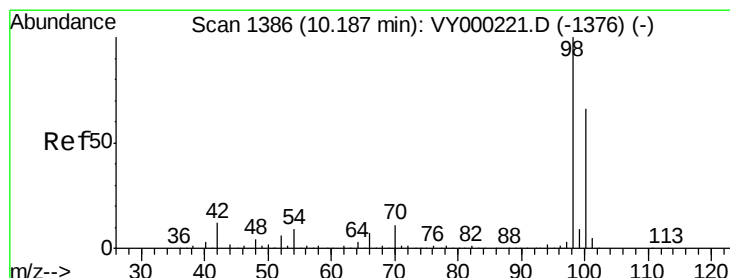
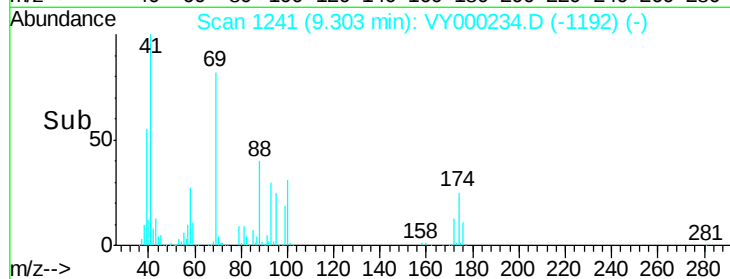
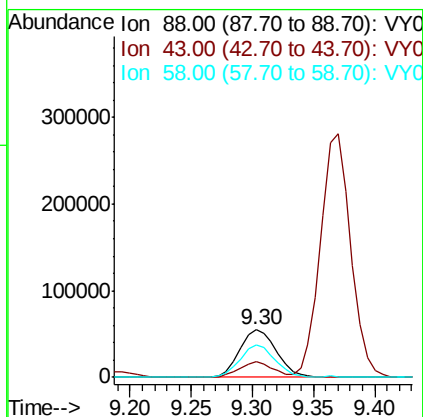
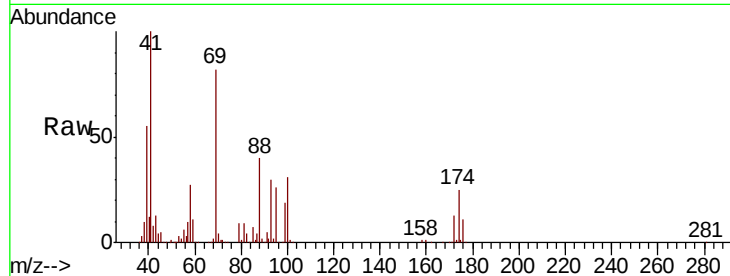
#49
1,4-Dioxane
Concen: 939.358 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	24.5	36.7
58	65.9	54.2	81.2

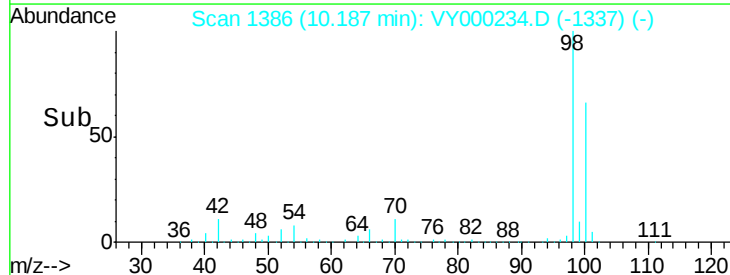
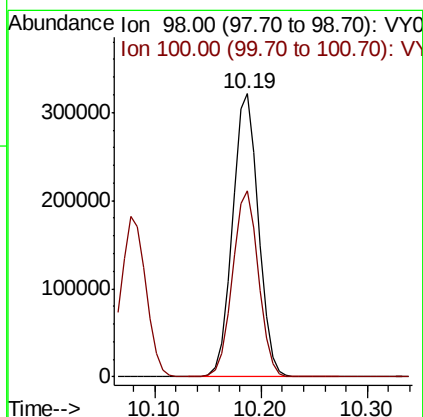
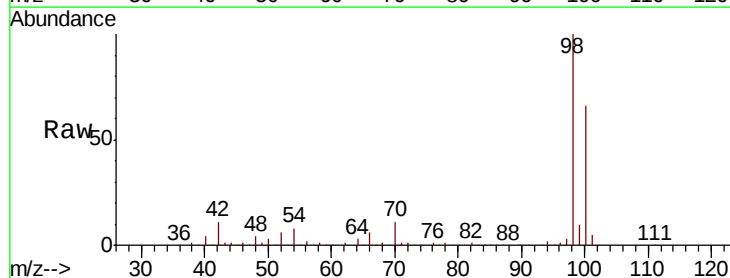
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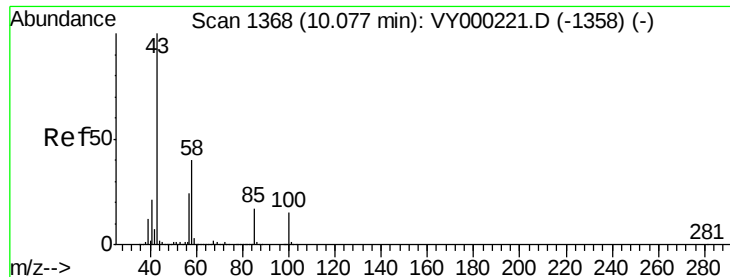
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10/10/2019 12:52:34 AM



#50
Toluene-d8
Concen: 50.500 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 256.668 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2023699

Ion Ratio Lower Upper

43 100

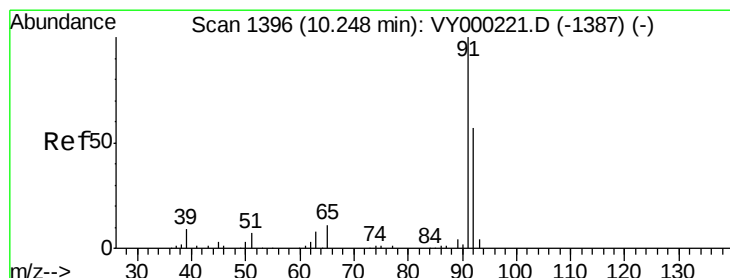
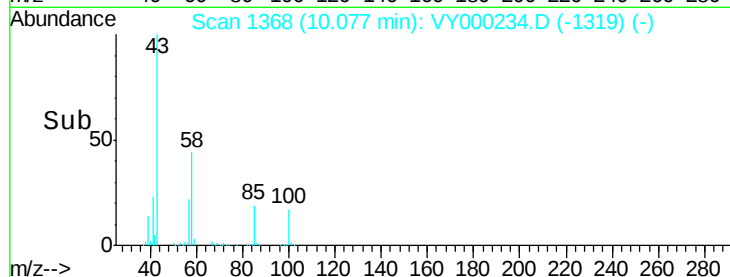
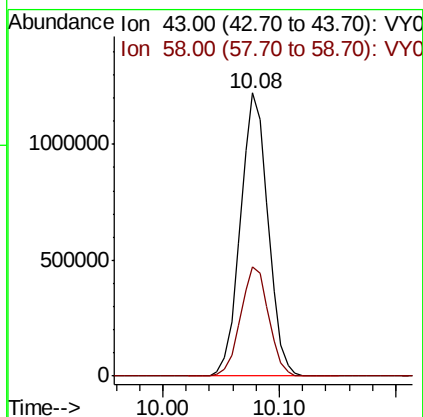
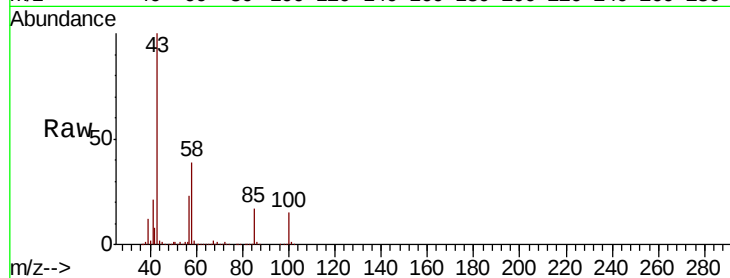
58 39.1 31.7 47.5

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#52

Toluene

Concen: 47.596 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000234.D

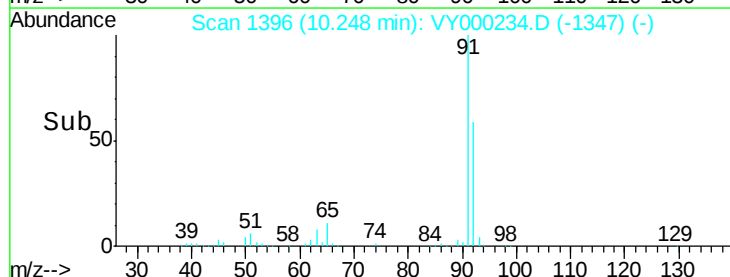
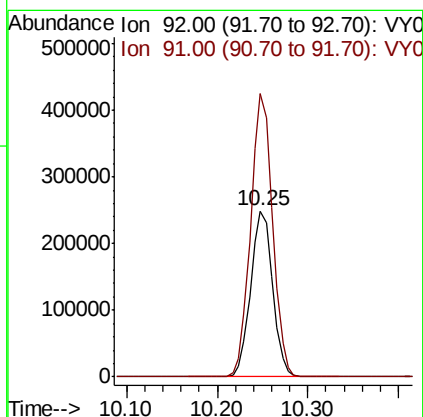
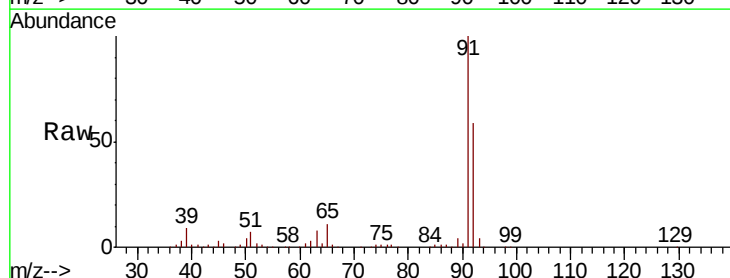
Acq: 08 Oct 2019 21:28

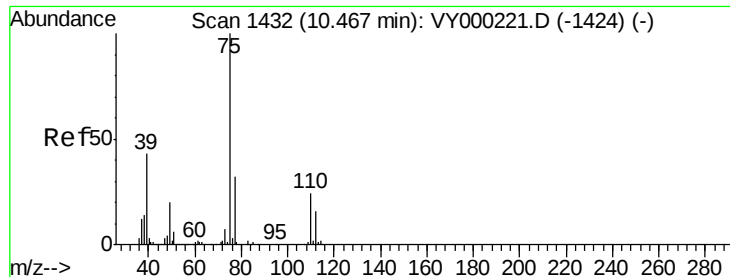
Tgt Ion: 92 Resp: 417512

Ion Ratio Lower Upper

92 100

91 170.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 48.964 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 260957

Ion Ratio Lower Upper

75 100

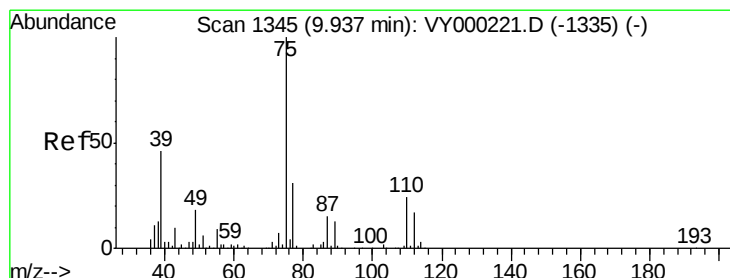
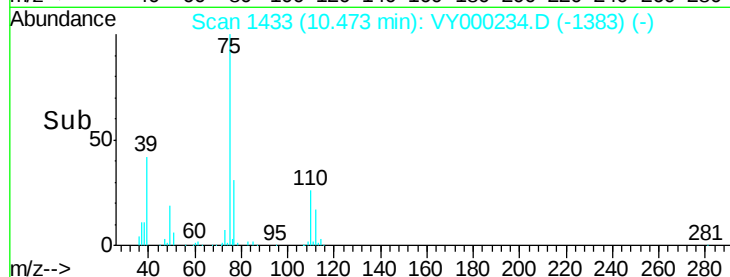
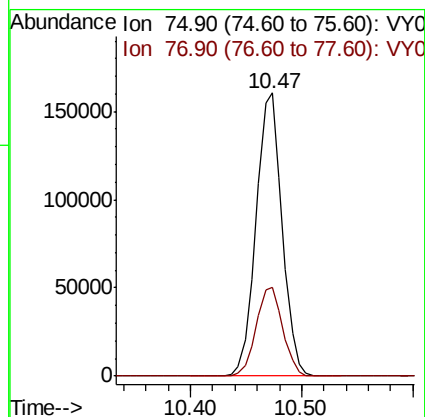
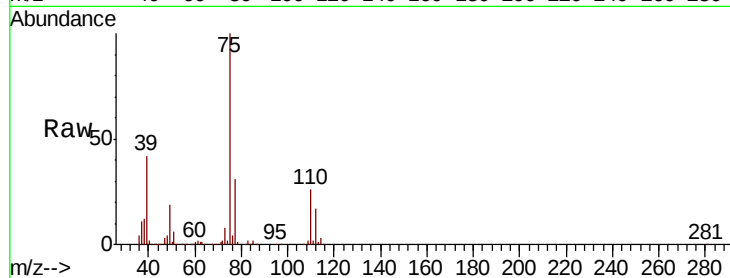
77 31.2 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 47.665 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

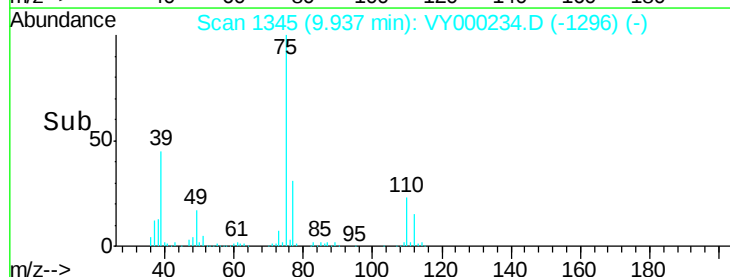
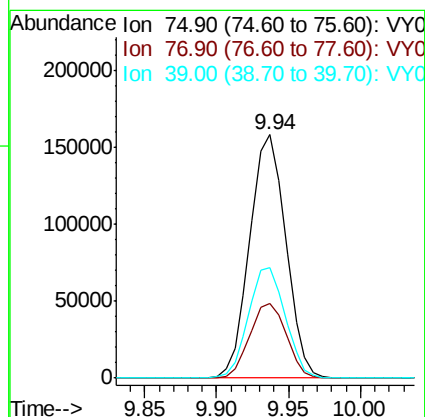
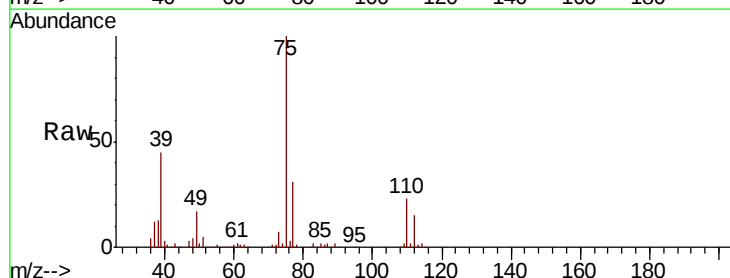
Tgt Ion: 75 Resp: 274882

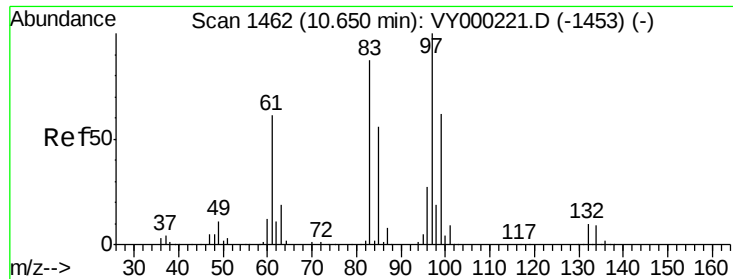
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 45.4 36.3 54.5





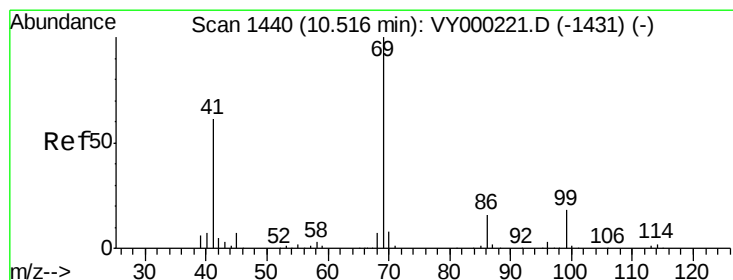
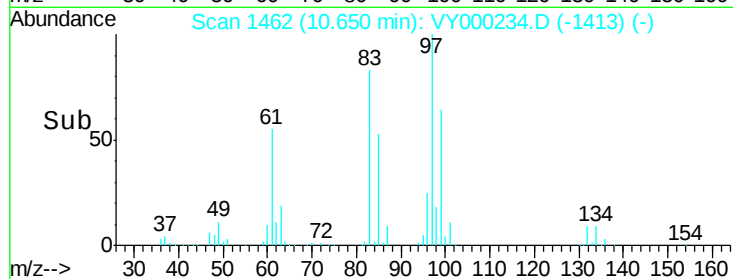
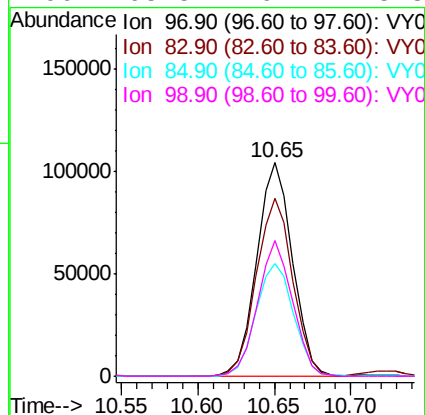
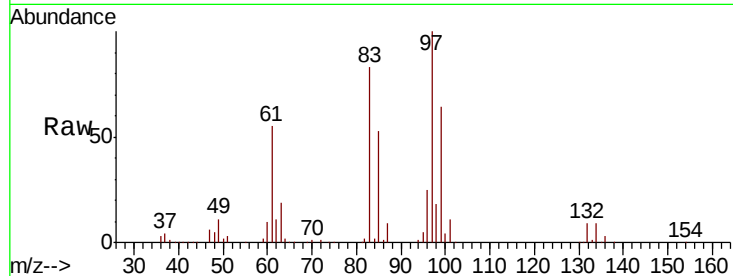
#55
 1,1,2-Trichloroethane
 Concen: 49.064 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	169708
Ion	Ratio	Lower	Upper
97	100		
83	83.5	69.4	104.0
85	52.9	44.6	66.8
99	63.5	49.2	73.8

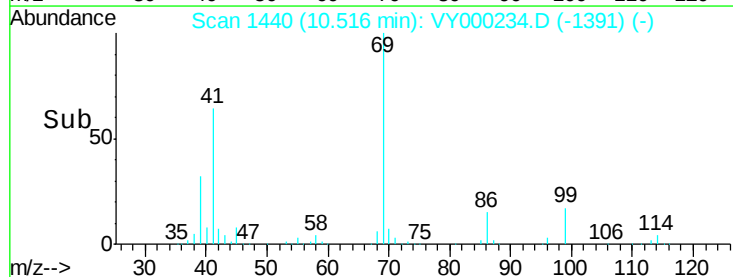
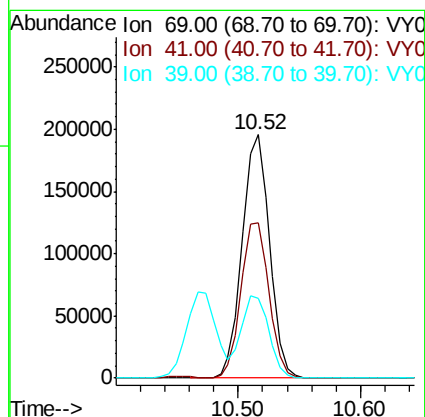
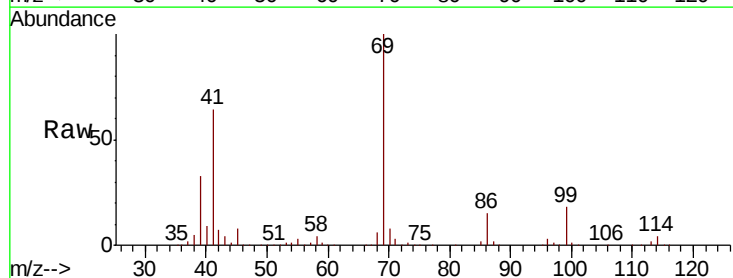
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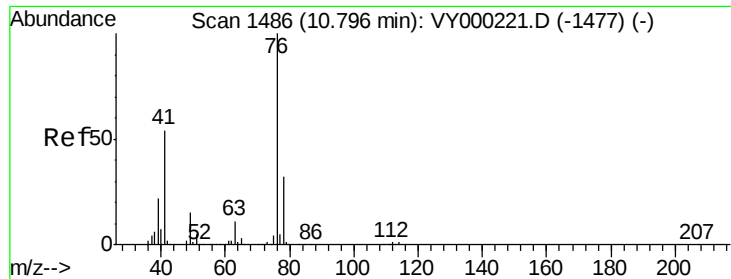
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#56
 Ethyl methacrylate
 Concen: 49.870 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion:	69	Resp:	303685
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.2	76.8
39	34.2	27.0	40.4





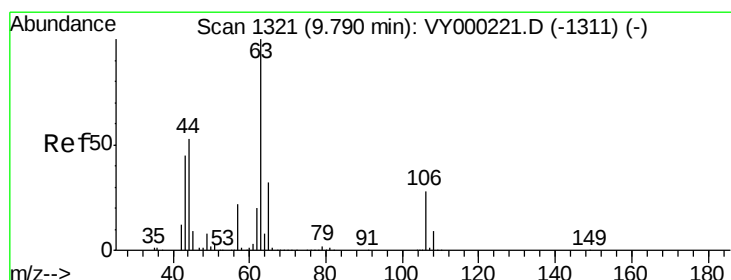
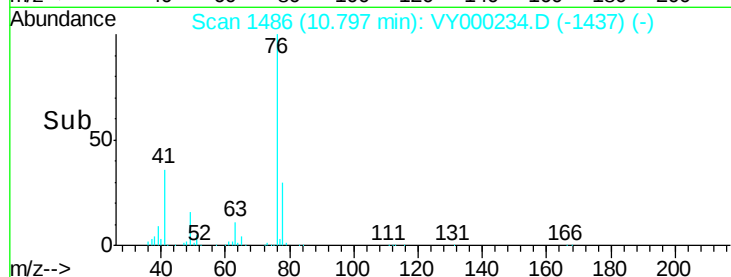
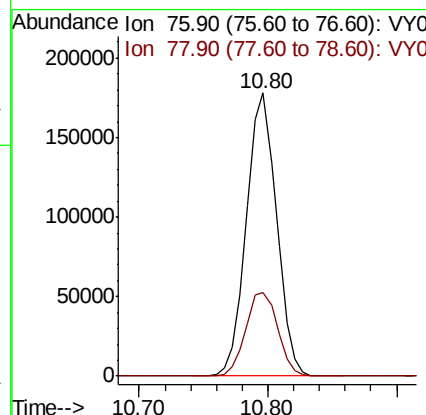
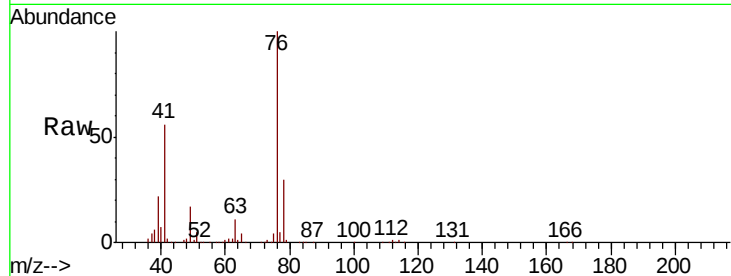
#57
 1,3-Dichloropropane
 Concen: 48.669 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 287434
 Ion Ratio Lower Upper
 76 100
 78 31.4 26.0 39.0

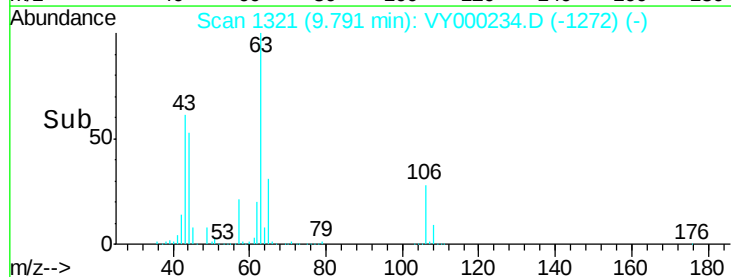
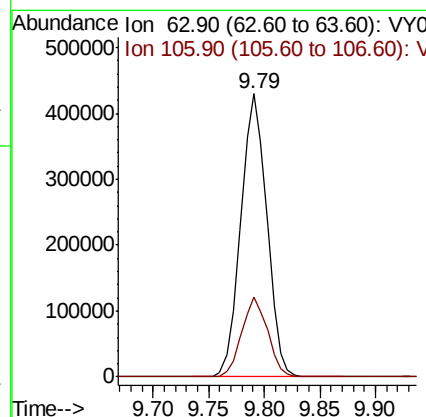
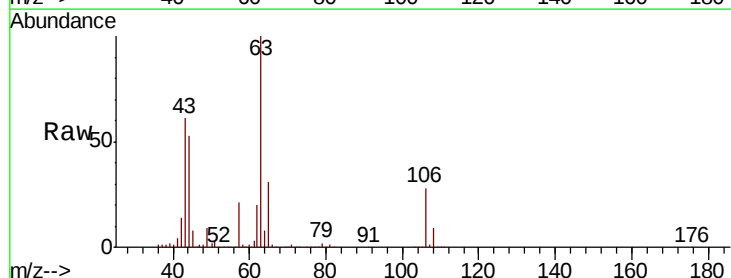
Manual Integrations
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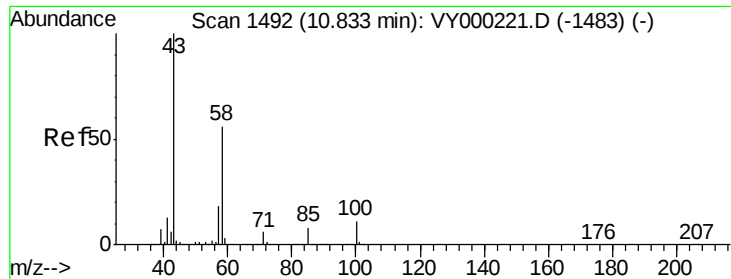
MMDadoda
 10/10/2019 12:52:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.268 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion: 63 Resp: 695597
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.6 33.8





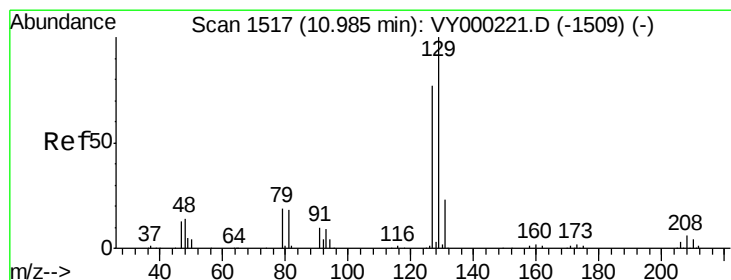
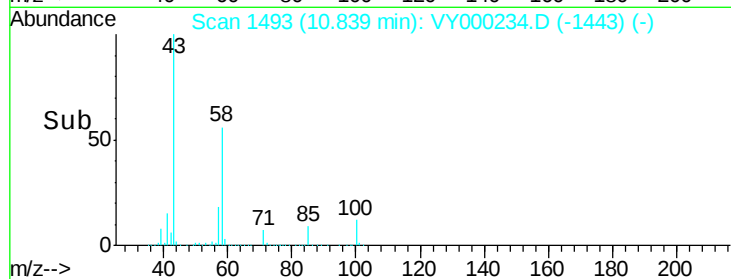
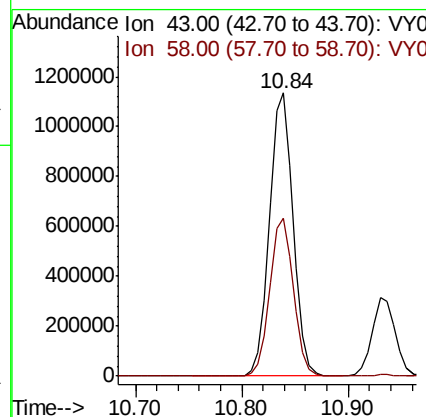
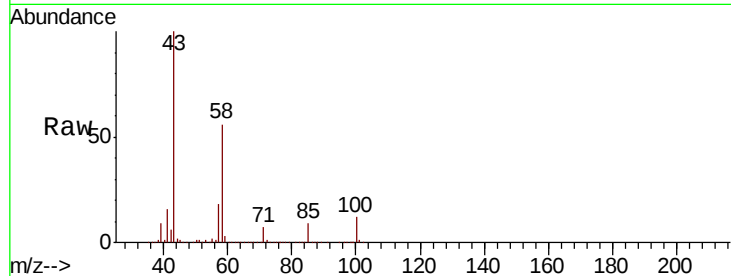
#59
2-Hexanone
Concen: 252.438 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1763721
Ion Ratio Lower Upper
43 100
58 55.8 28.2 84.6

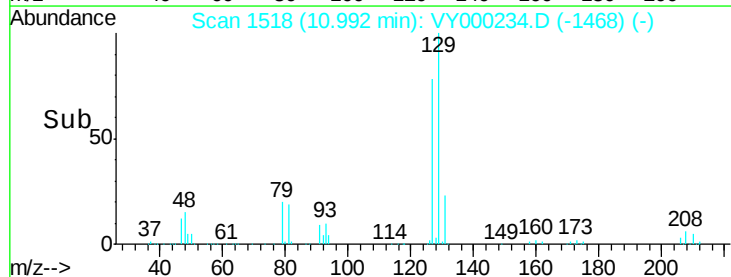
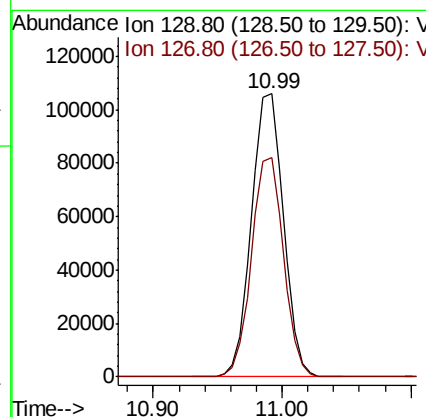
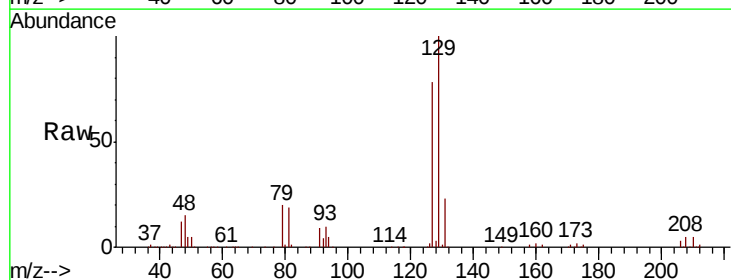
Manual Integrations
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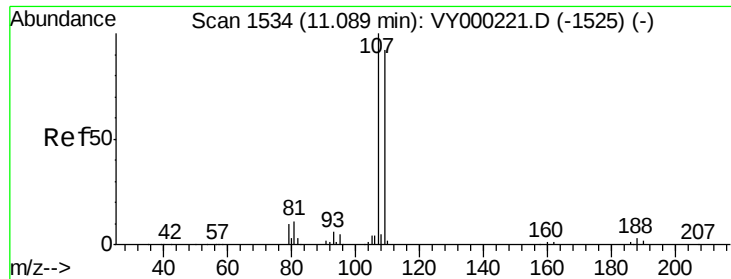
MMDadoda
10/10/2019 12:52:34 AM



#60
Dibromochloromethane
Concen: 49.655 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion: 129 Resp: 181593
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





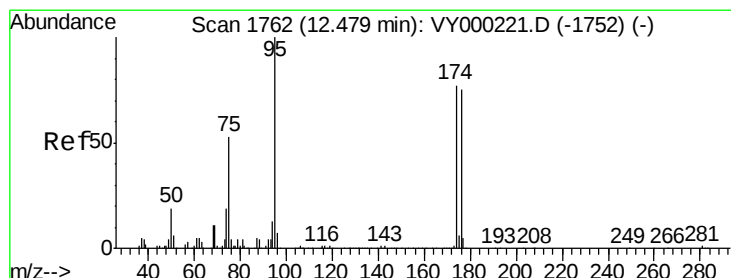
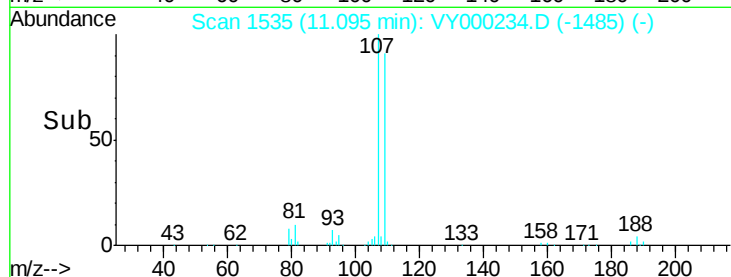
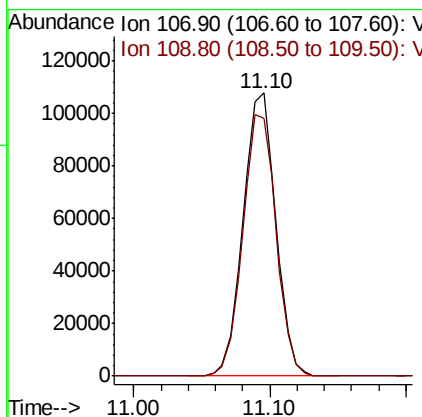
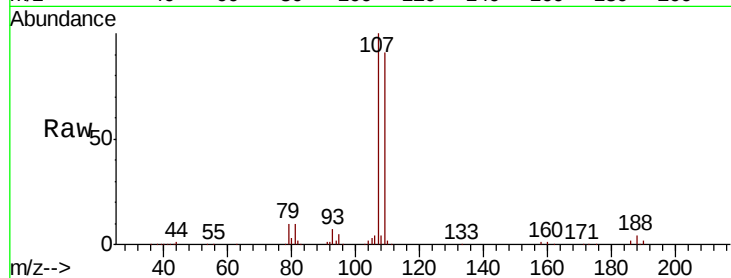
#61
 1,2-Dibromoethane
 Concen: 49.468 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6

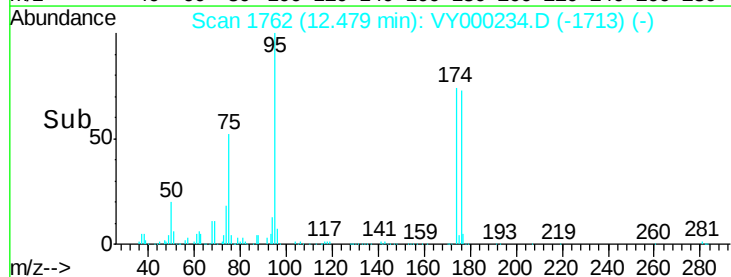
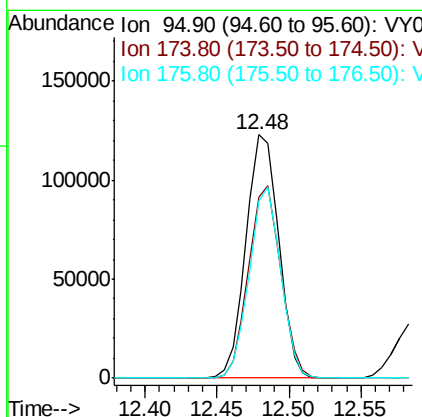
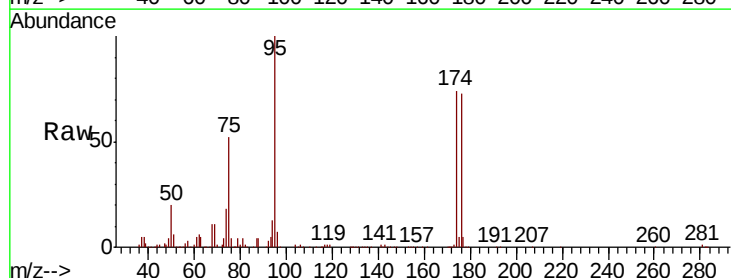
Manual Integrations
 APPROVED

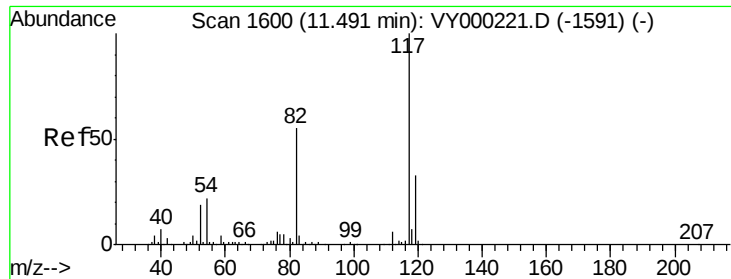
MMDadoda
 10/10/2019 12:52:34 AM



#62
 4-Bromofluorobenzene
 Concen: 50.495 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.9	0.0	157.0
176	75.4	0.0	153.0





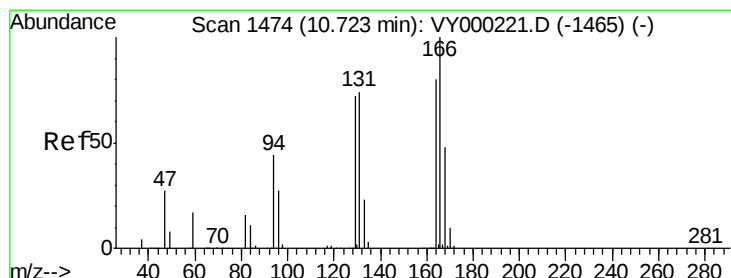
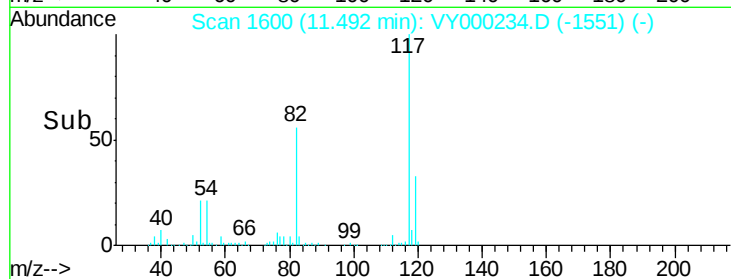
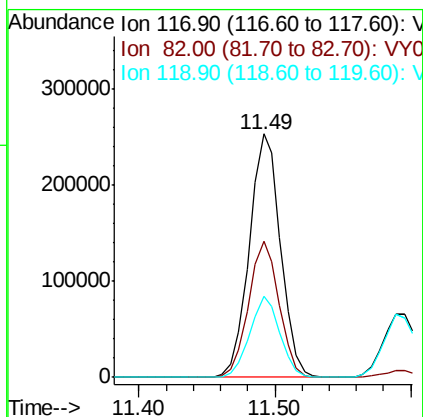
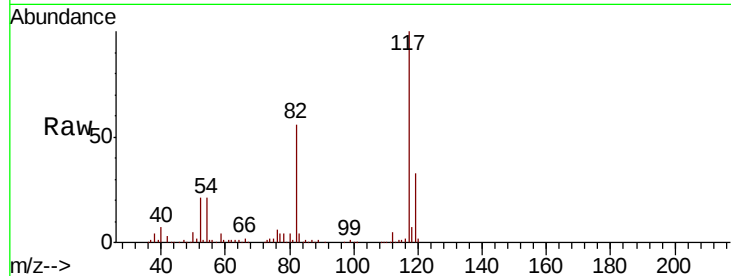
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	405535		
82	56.1	44.4	66.6	
119	33.1	26.2	39.2	

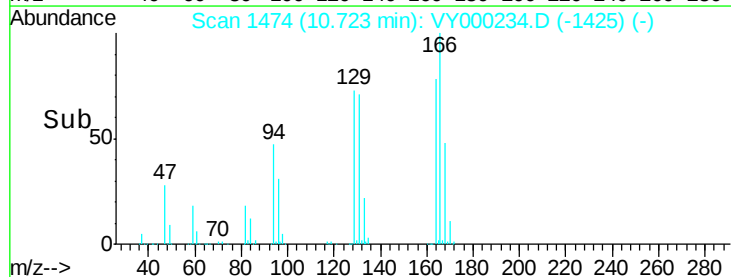
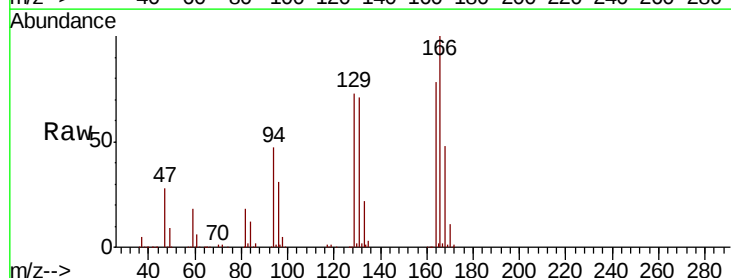
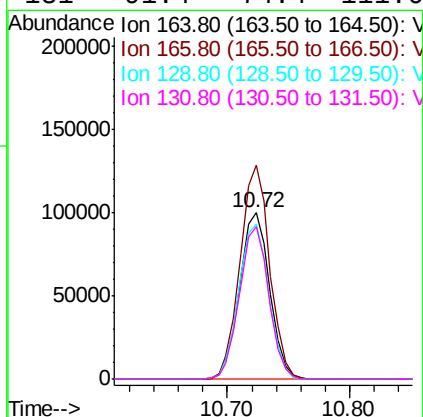
Manual Integrations
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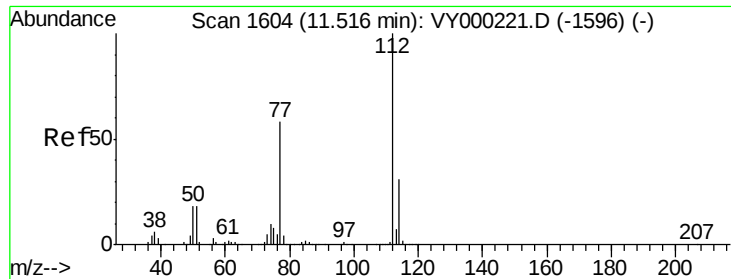
MMDadoda
10/10/2019 12:52:34 AM



#64
Tetrachloroethene
Concen: 45.929 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170249		
166	128.5	100.3	150.5	
129	93.3	72.4	108.6	
131	91.4	74.4	111.6	





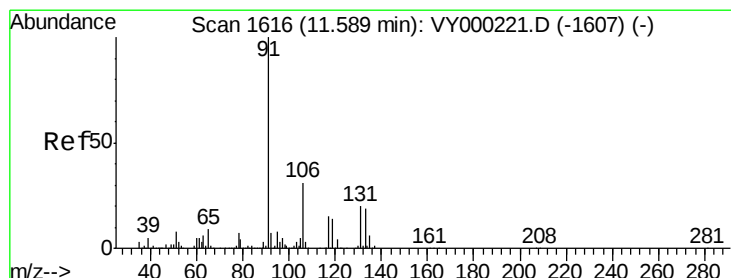
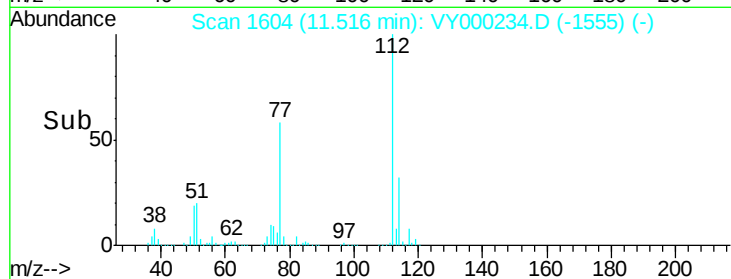
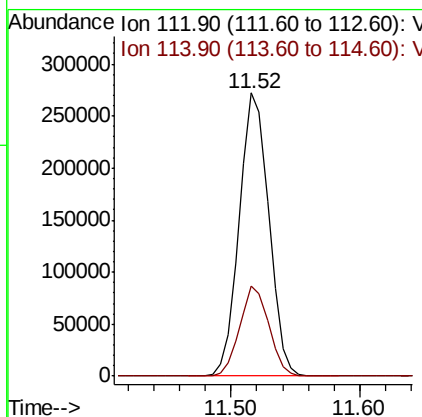
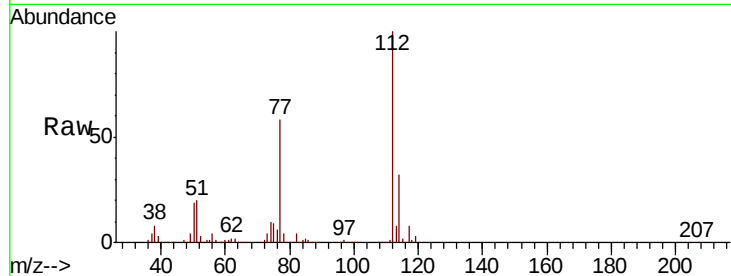
#65
Chlorobenzene
Concen: 46.023 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.0	37.4

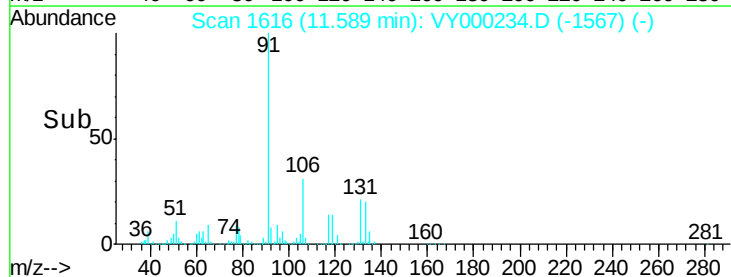
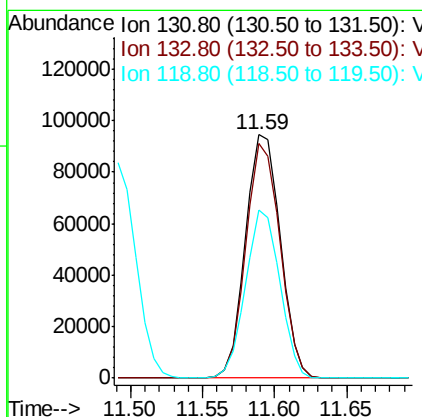
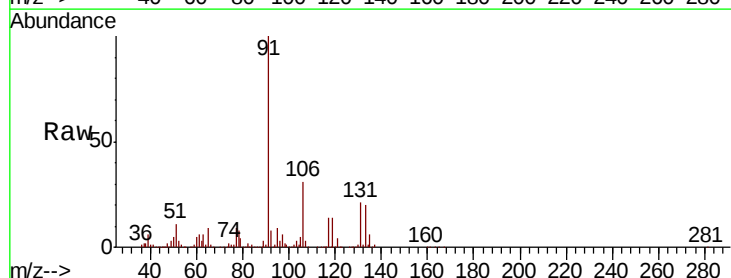
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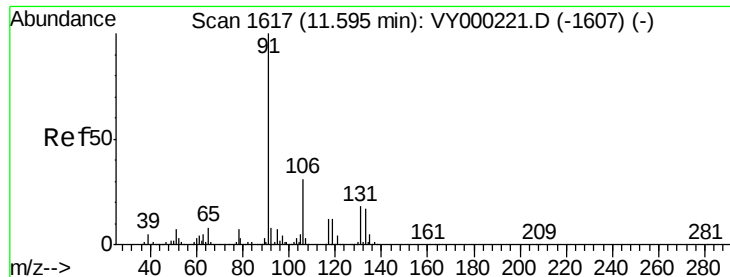
MMDadoda
10/10/2019 12:52:34 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.143 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.0	141.2
119	68.0	33.3	99.8





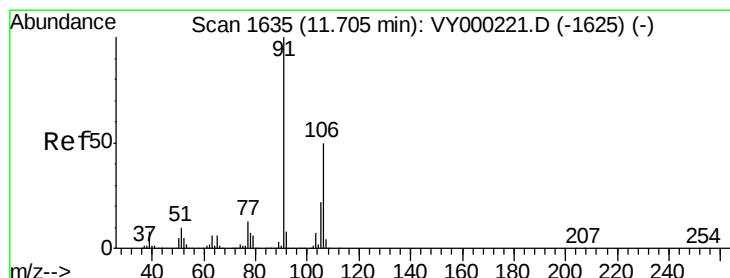
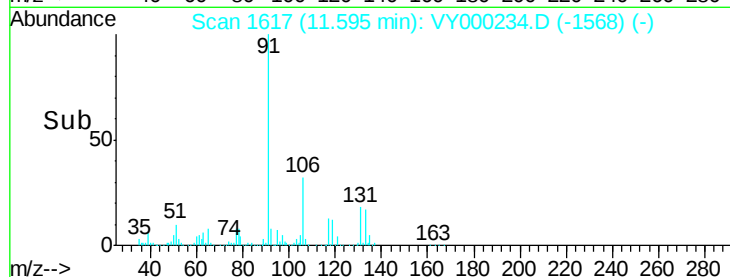
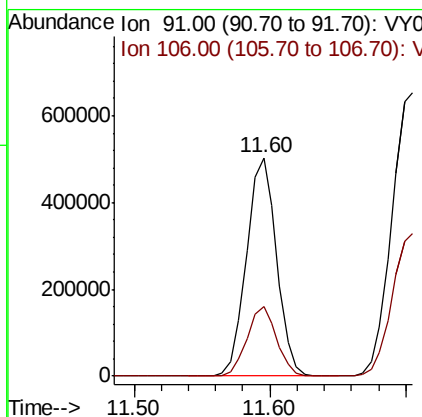
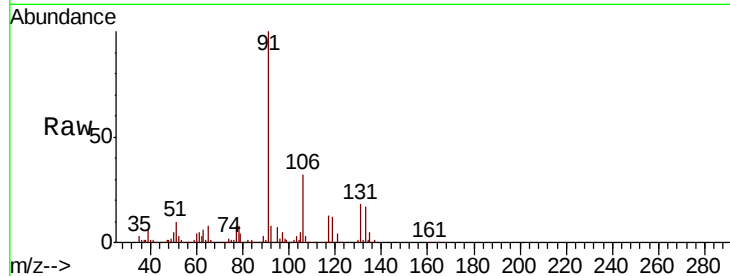
#67
Ethyl Benzene
Concen: 46.490 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	91	Resp	780997
Ion Ratio	Lower	Upper	
91	100		
106	31.7	25.2	37.8

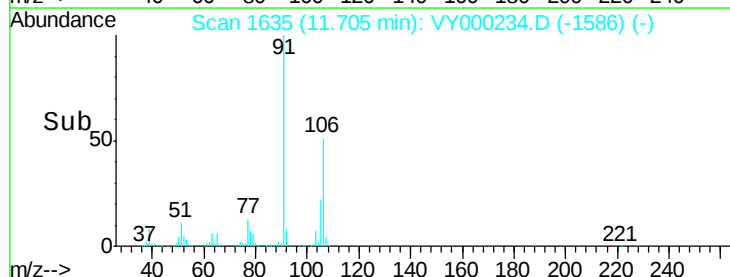
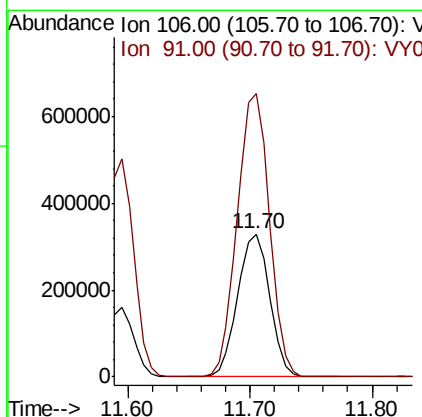
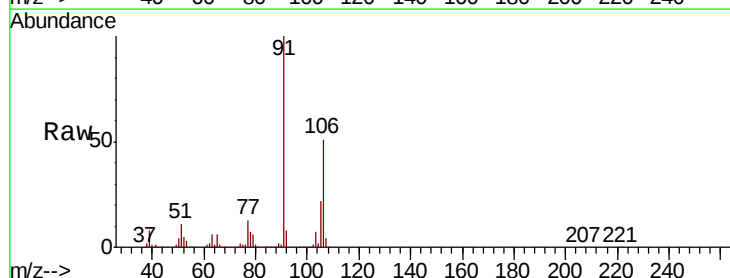
Manual Integrations
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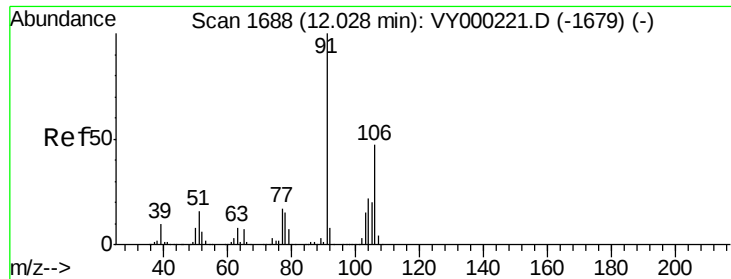
MMDadoda
10/10/2019 12:52:34 AM



#68
m/p-Xylenes
Concen: 93.732 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	106	Resp	600836
Ion Ratio	Lower	Upper	
106	100		
91	198.7	159.9	239.9





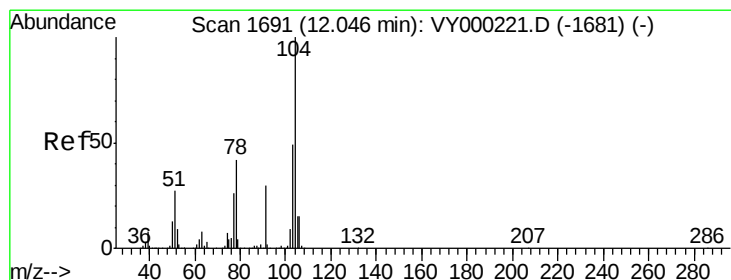
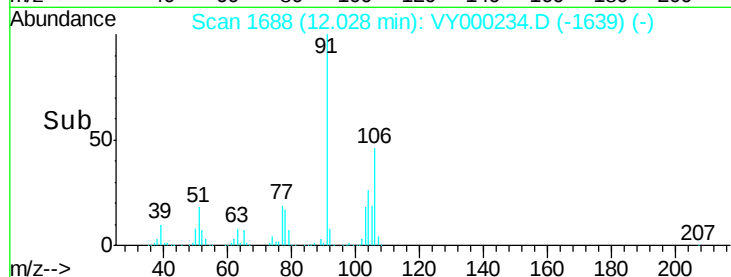
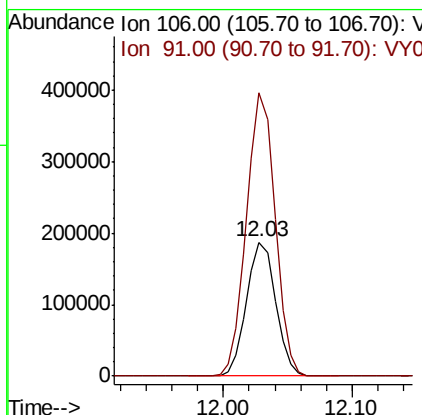
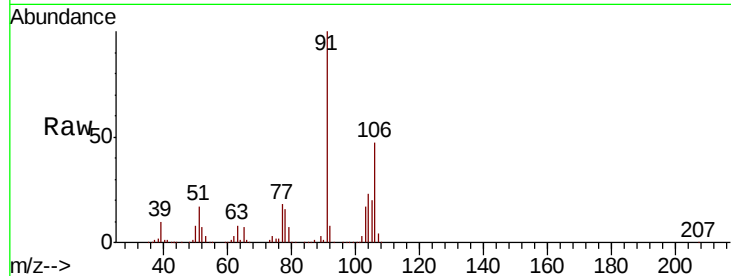
#69
o-Xylene
Concen: 47.357 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
292449	106	100		
	91	208.3	106.1	318.1

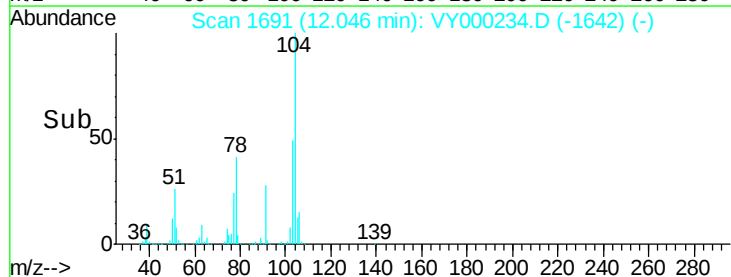
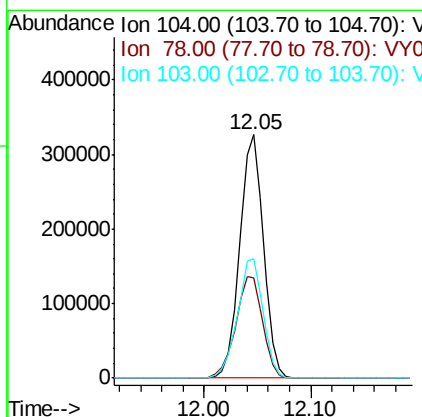
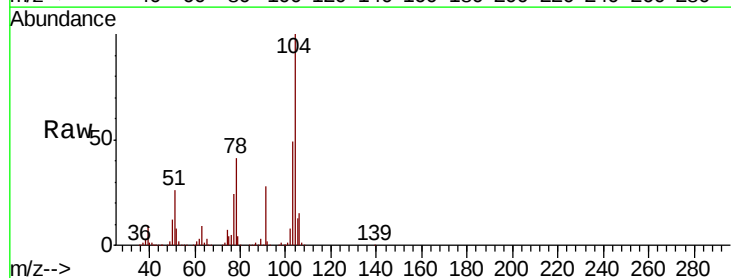
Manual Integrations
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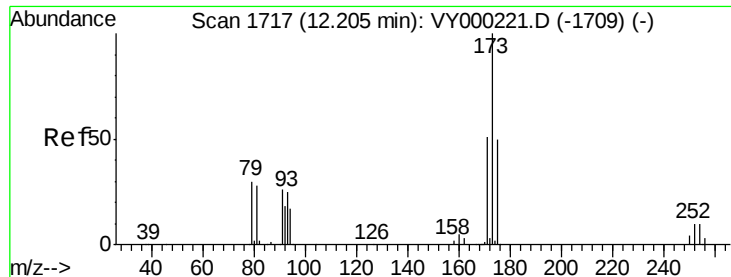
MMDadoda
10/10/2019 12:52:34 AM



#70
Styrene
Concen: 48.032 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ion	Ratio	Lower	Upper
510926	104	100		
	78	47.5	39.0	58.4
	103	53.2	43.1	64.7





#71

Bromoform

Concen: 49.463 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 137127

Ion Ratio Lower Upper

173 100

175 48.9 24.8 74.3

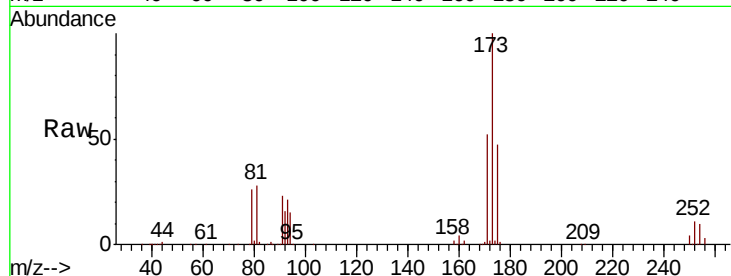
254 0.0 0.1 0.1#

Manual Integrations

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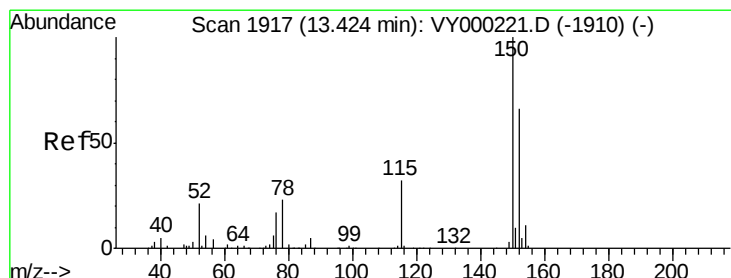
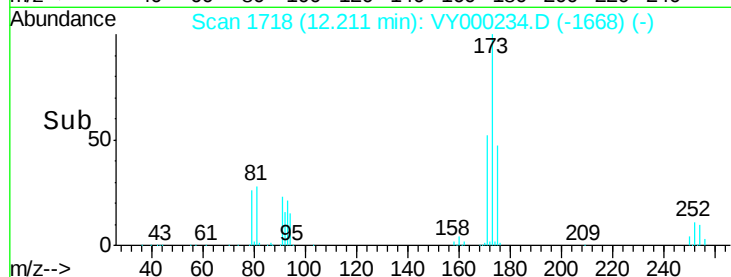
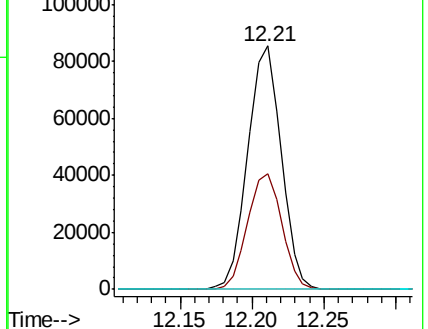
10/10/2019 12:52:34 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

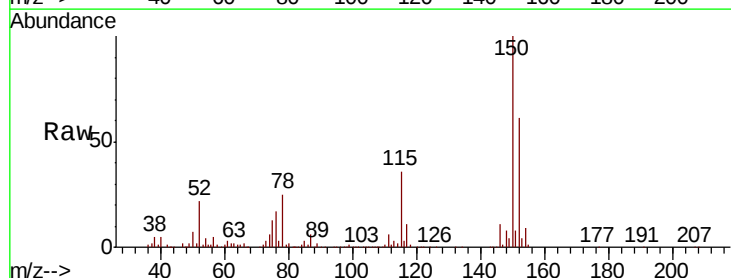
Tgt Ion:152 Resp: 195764

Ion Ratio Lower Upper

152 100

115 60.3 29.3 88.0

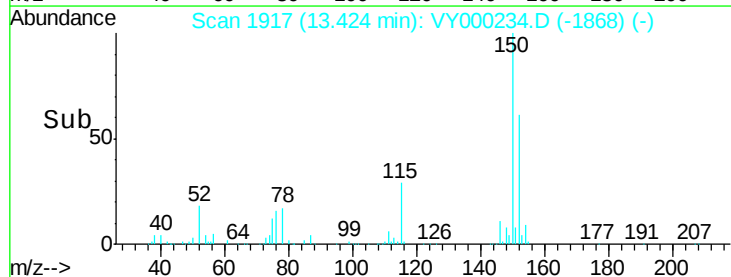
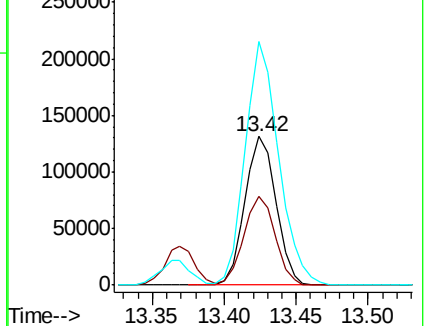
150 176.6 0.0 349.6

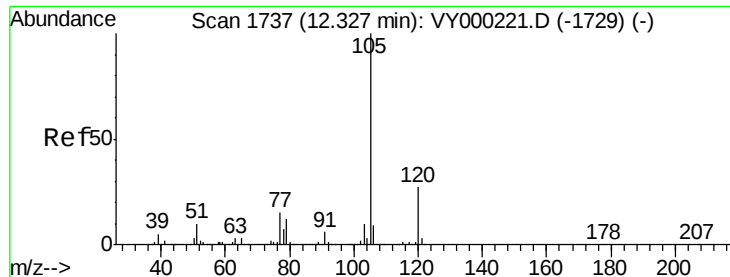


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





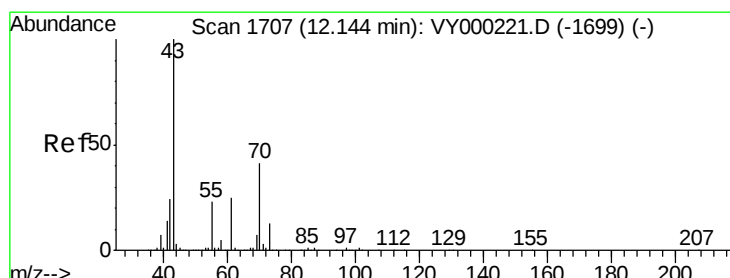
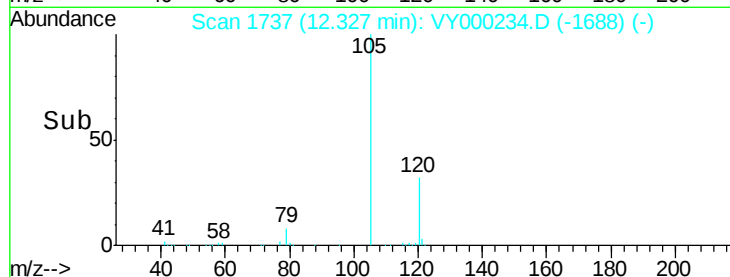
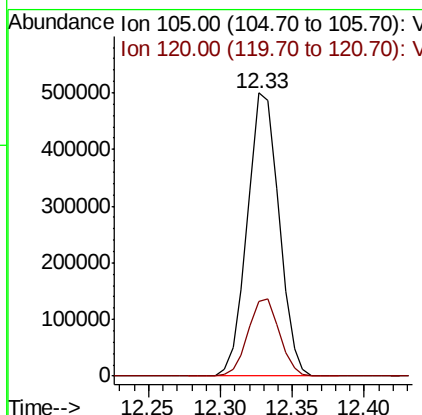
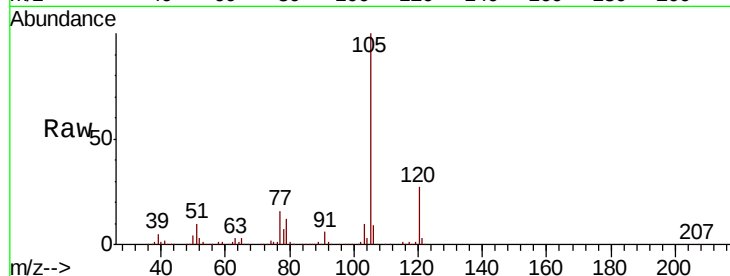
#73
Isopropylbenzene
Concen: 45.759 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.6	40.8

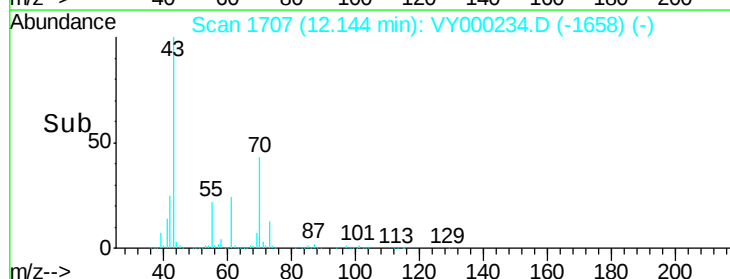
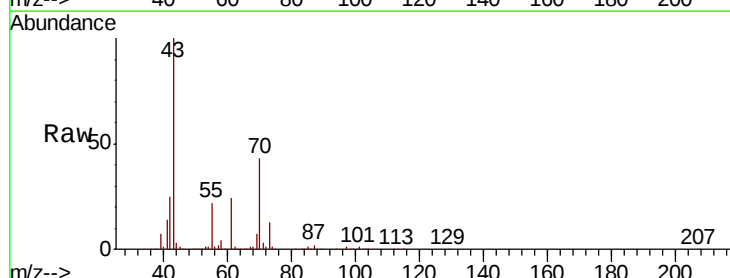
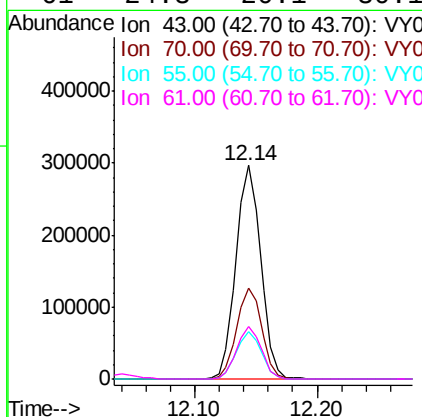
Manual Integrations
APPROVED

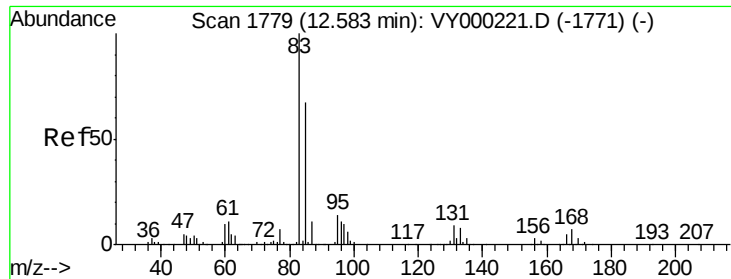
MMDadoda
10/10/2019 12:52:34 AM



#74
N-ethyl acetate
Concen: 47.439 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.9	52.3
55	22.6	18.2	27.2
61	24.3	20.1	30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.577 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

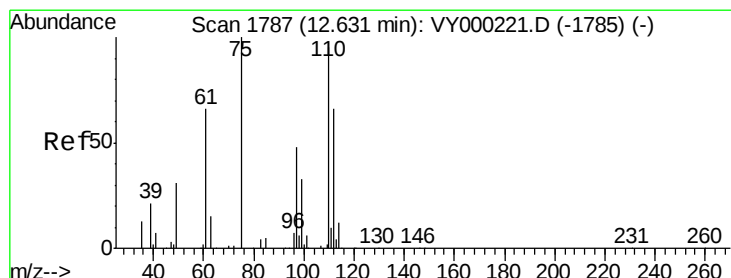
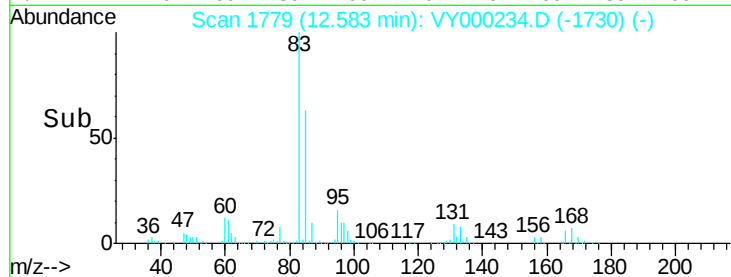
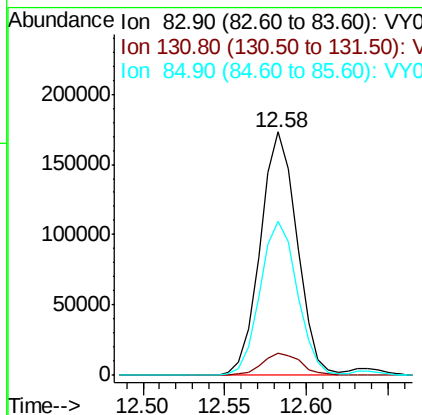
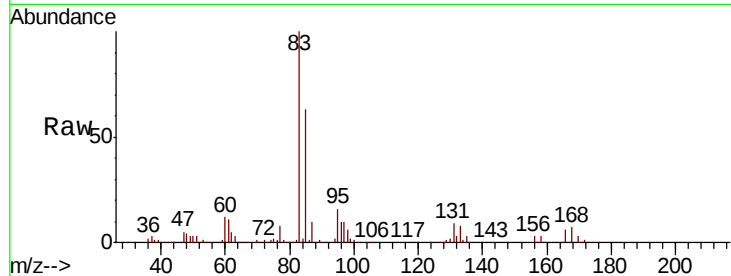
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	269352
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.8	14.3
85	64.2	32.5	97.5

Manual Integrations
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MMDadoda
10/10/2019 12:52:34 AM



#76

1,2,3-Trichloropropane

Concen: 48.509 ug/l m

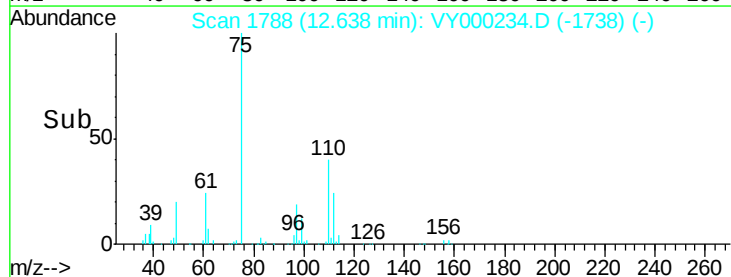
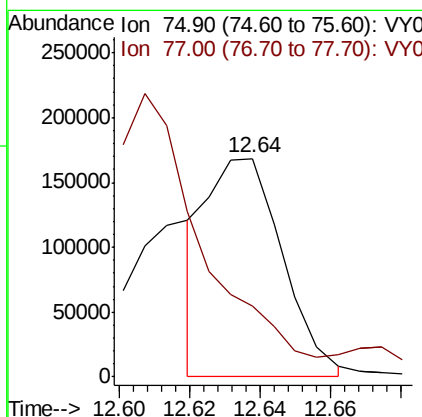
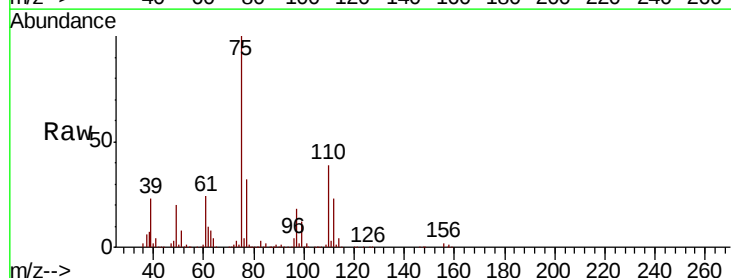
RT: 12.64 min Scan# 1788

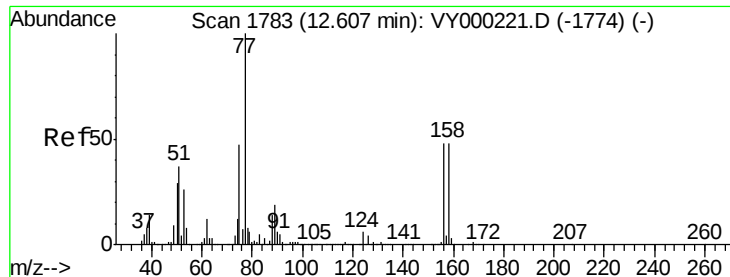
Delta R.T. 0.01 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	75	Resp:	250723
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 45.489 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

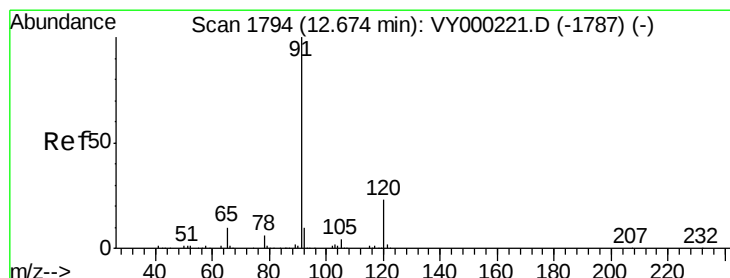
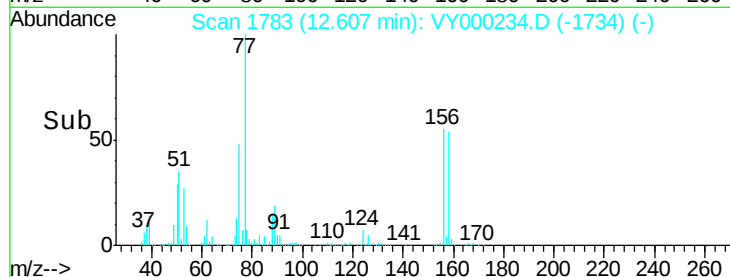
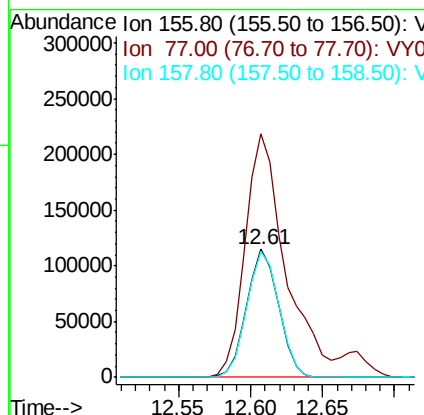
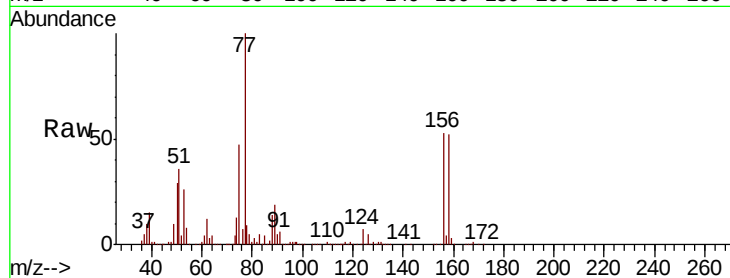
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	176952
Ion Ratio	Lower	Upper	
156	100		
77	238.8	118.1	354.3
158	98.9	47.8	143.3

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#78

n-propylbenzene

Concen: 46.620 ug/l

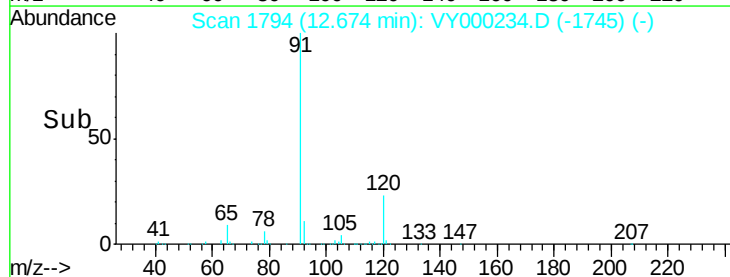
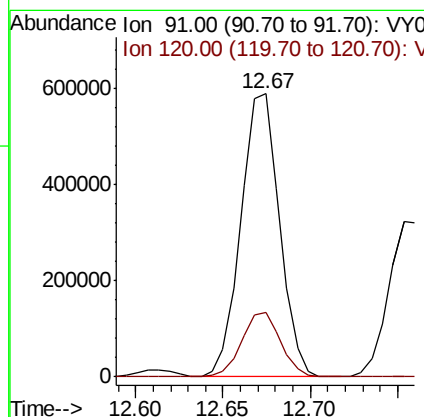
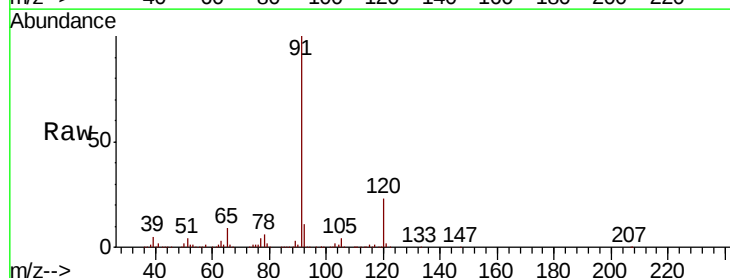
RT: 12.67 min Scan# 1794

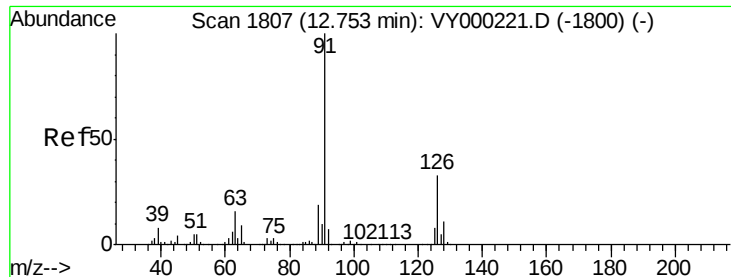
Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Tgt Ion:	91	Resp:	903320
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.3	33.8





#79

2-Chlorotoluene

Concen: 45.930 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 512397

Ion Ratio Lower Upper

91 100

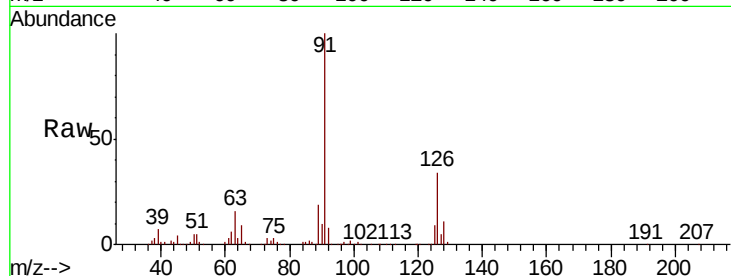
126 34.0 17.2 51.6

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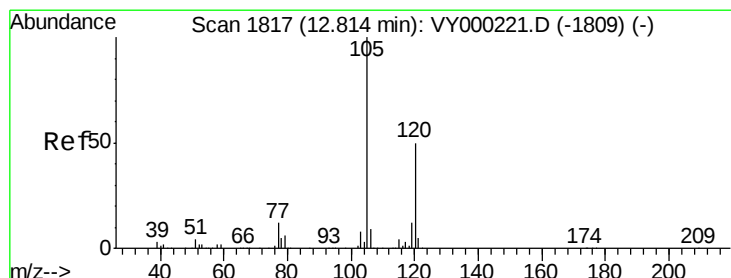
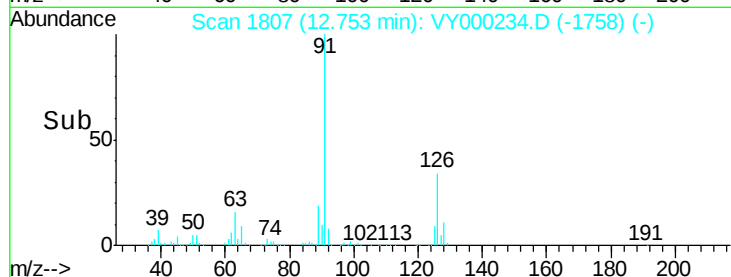
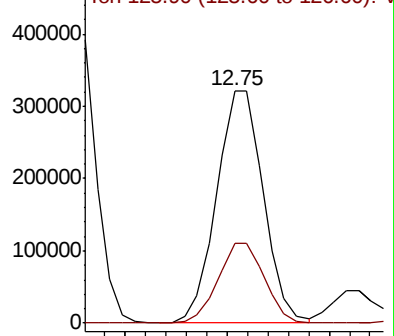
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Abundance Ion 91.00 (90.70 to 91.70): VY000221.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.530 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000234.D

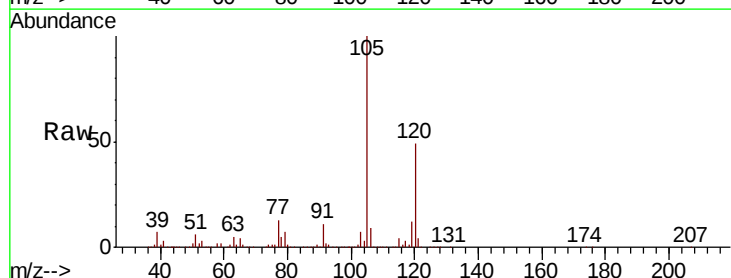
Acq: 08 Oct 2019 21:28

Tgt Ion: 105 Resp: 644063

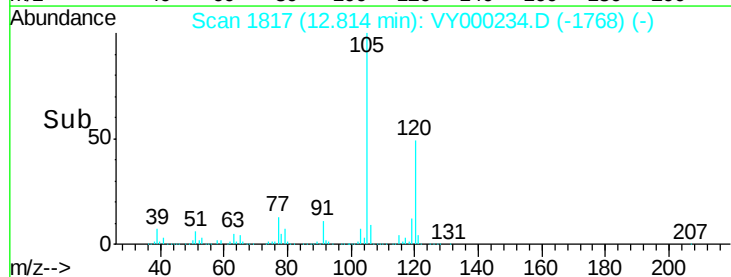
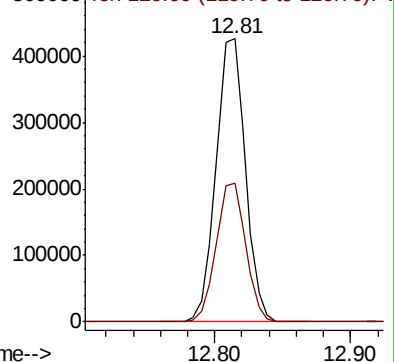
Ion Ratio Lower Upper

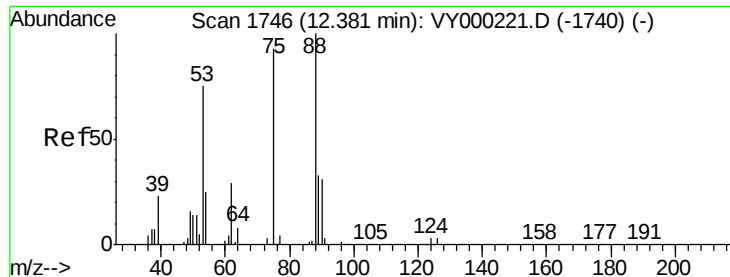
105 100

120 49.5 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VY000221.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.759 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 118963

Ion Ratio Lower Upper

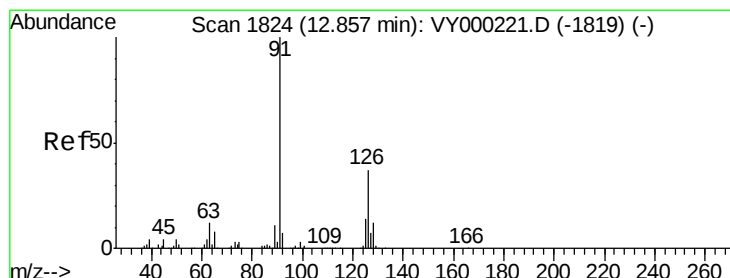
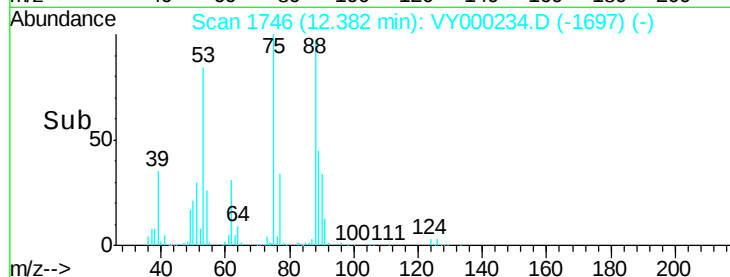
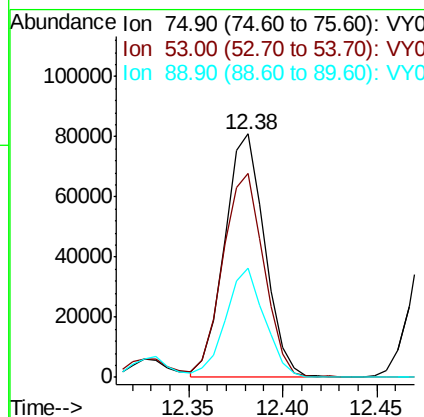
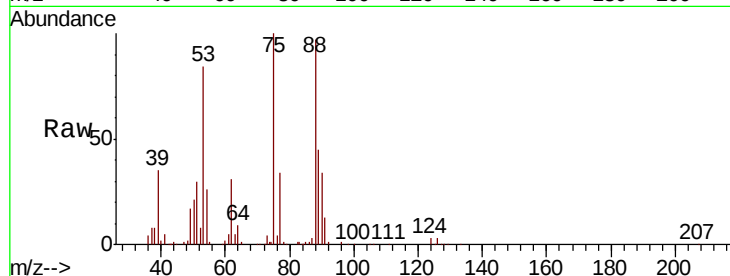
75 100

53 86.5 66.5 99.7

89 43.7 46.9 70.3#

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#82

4-Chlorotoluene

Concen: 47.311 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VY000234.D

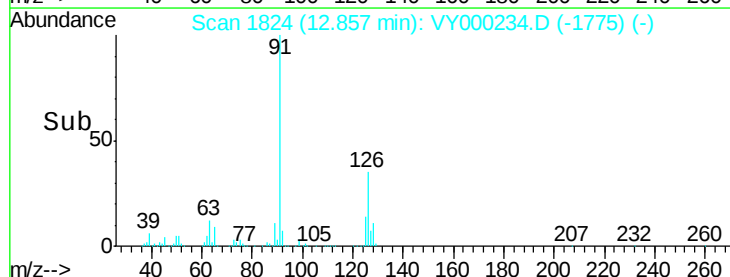
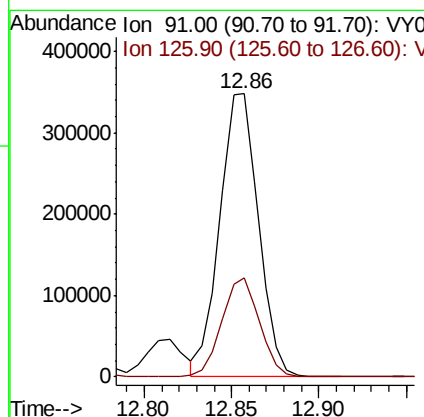
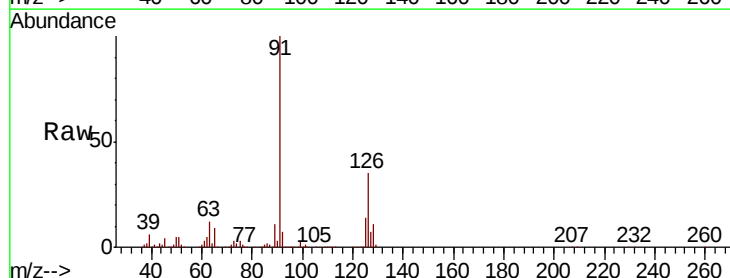
Acq: 08 Oct 2019 21:28

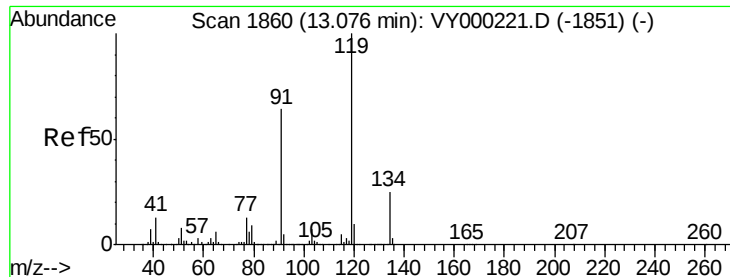
Tgt Ion: 91 Resp: 534584

Ion Ratio Lower Upper

91 100

126 34.1 17.3 52.0





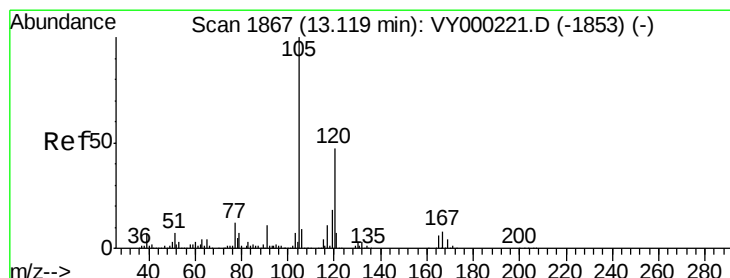
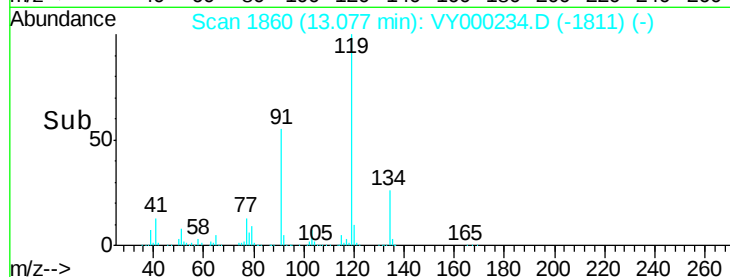
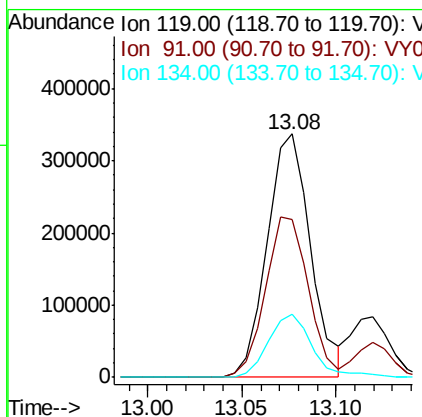
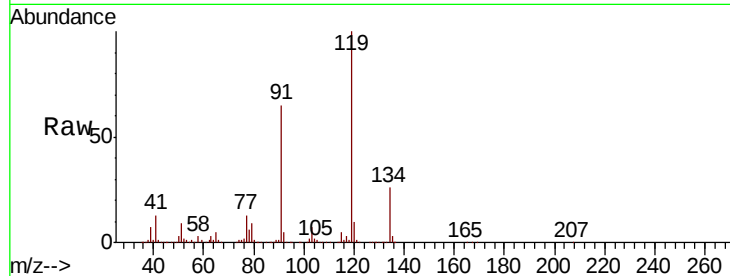
#83
 tert-Butylbenzene
 Concen: 44.909 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.1	32.4	97.2
134	26.5	13.2	39.6

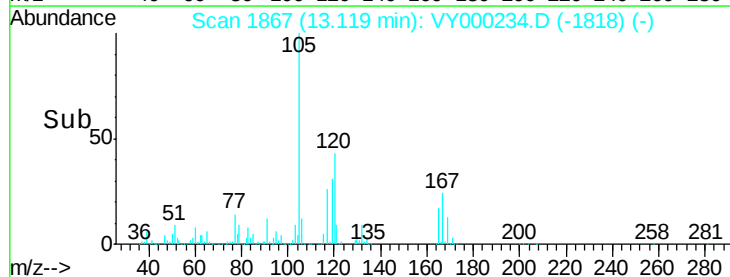
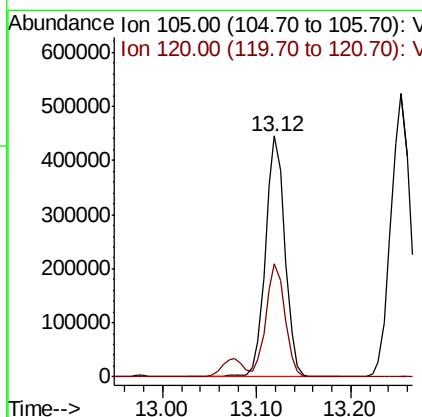
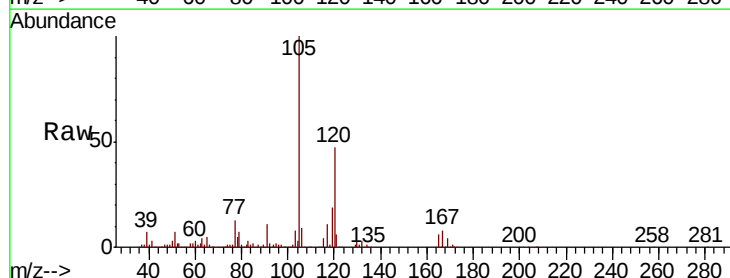
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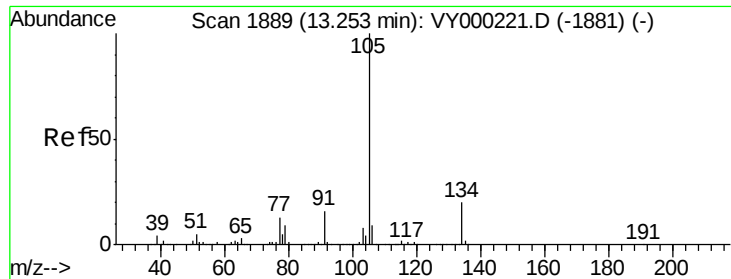
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#84
 1,2,4-Trimethylbenzene
 Concen: 46.892 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 46.004 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 762870

Ion Ratio Lower Upper

105 100

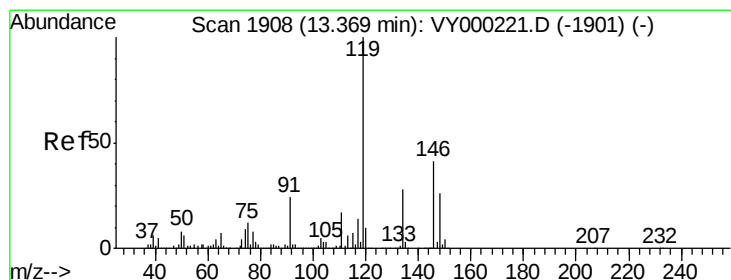
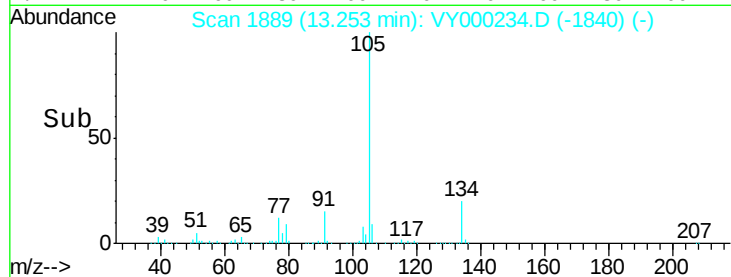
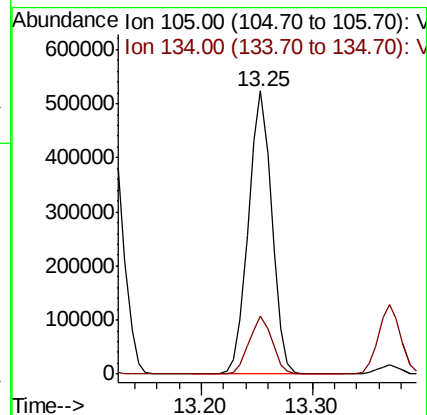
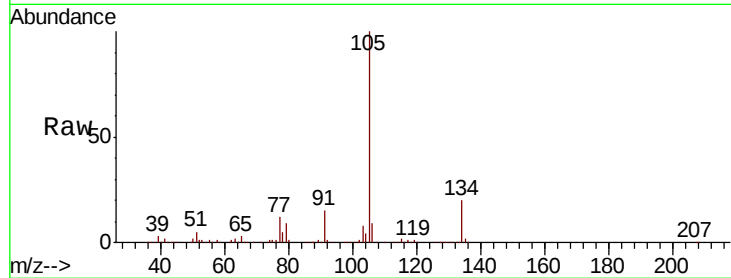
134 20.2 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 46.746 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000234.D

Acq: 08 Oct 2019 21:28

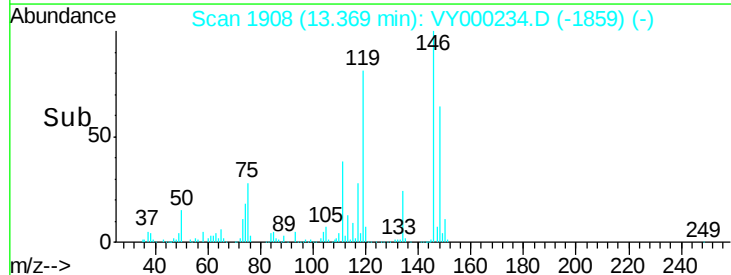
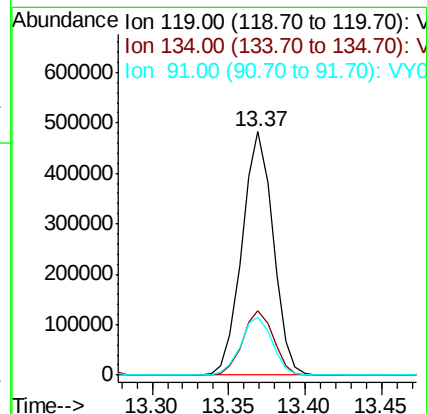
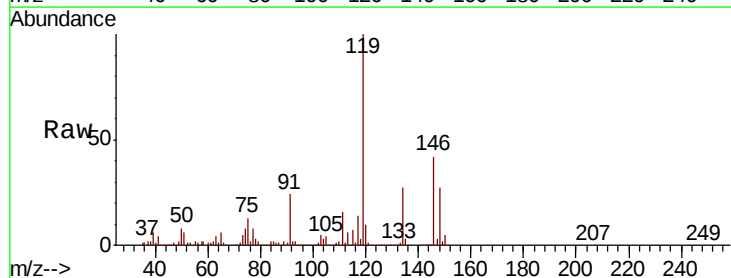
Tgt Ion:119 Resp: 681673

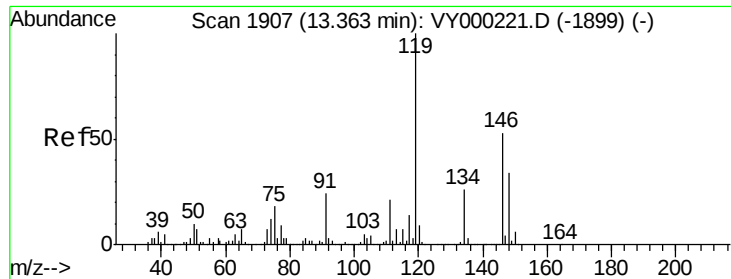
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.9 11.7 35.1





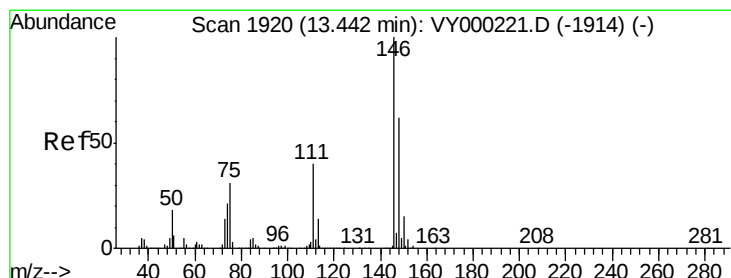
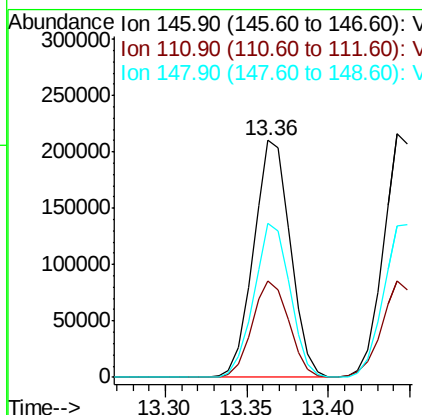
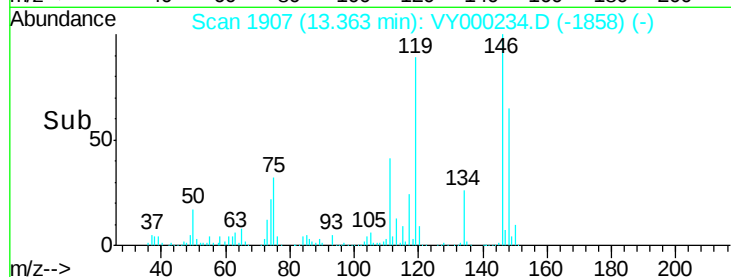
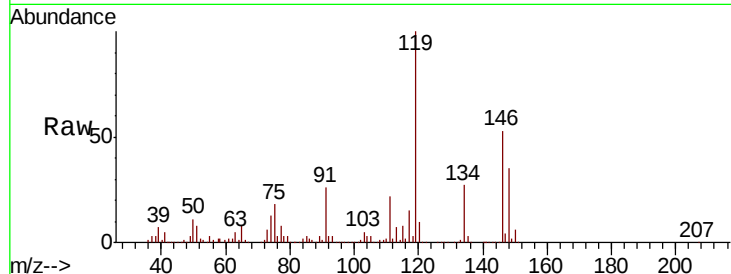
#87
 1,3-Dichlorobenzene
 Concen: 46.812 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.7	31.7	95.1

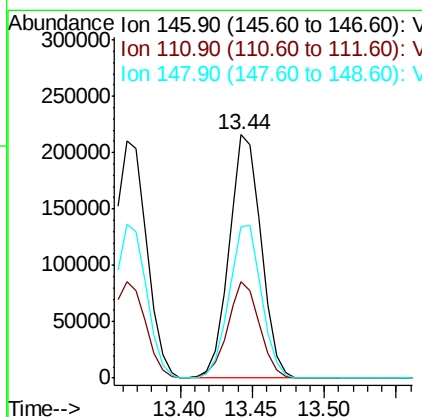
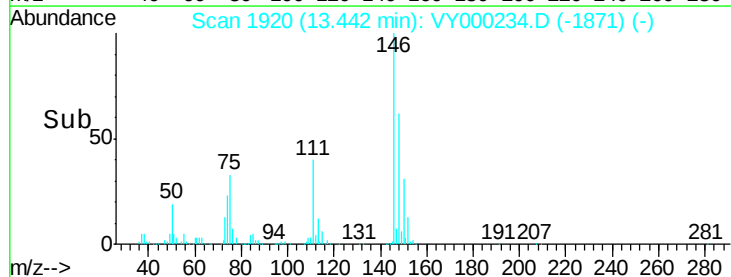
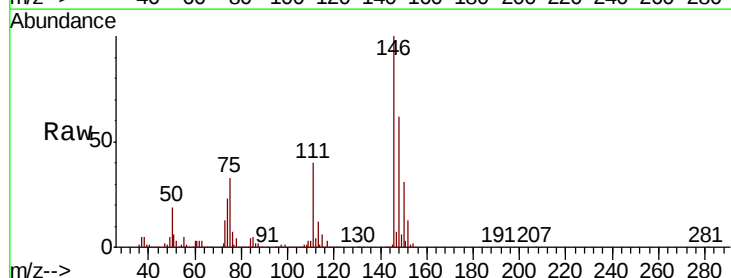
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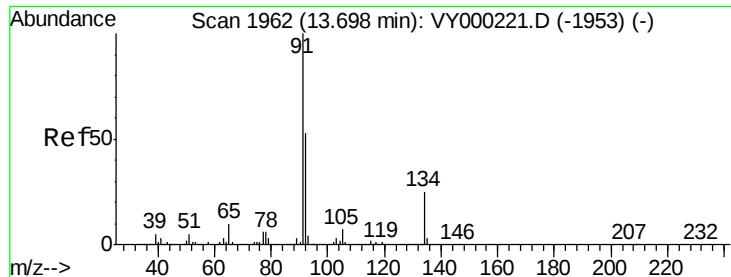
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#88
 1,4-Dichlorobenzene
 Concen: 45.564 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	63.6	31.6	94.8





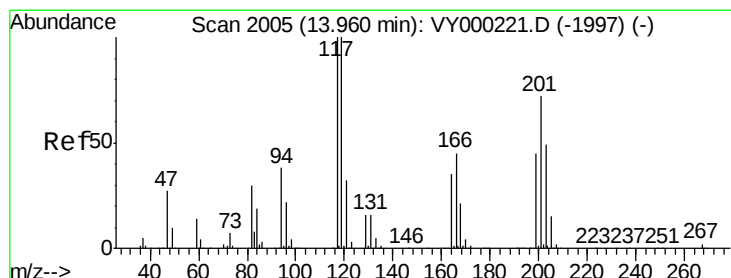
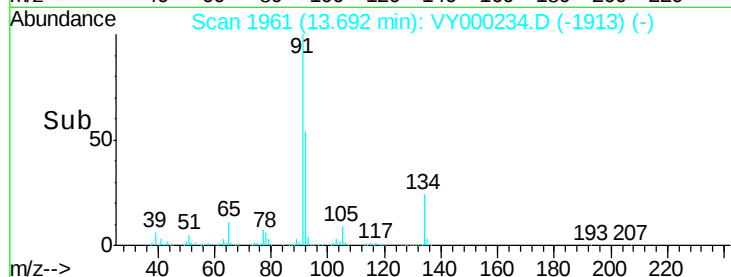
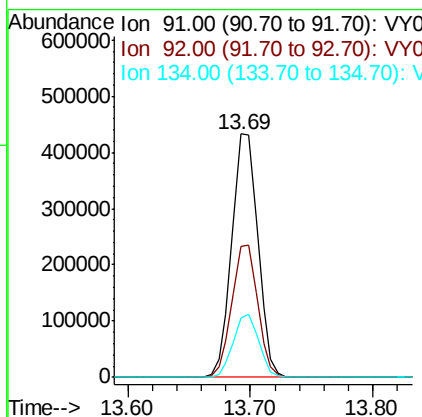
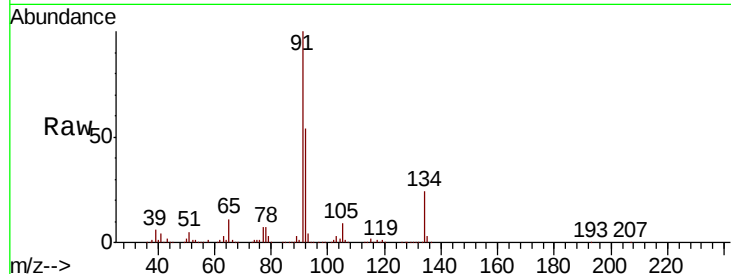
#89
n-Butylbenzene
Concen: 46.322 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.0	80.8
134	25.5	12.8	38.4

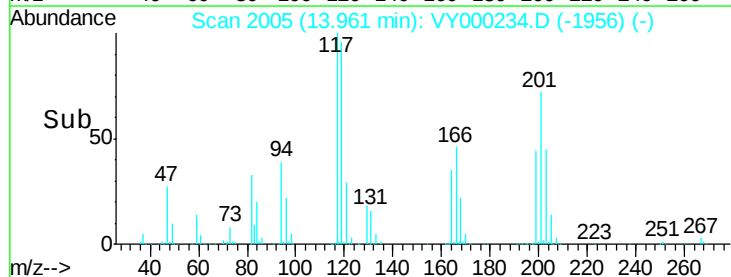
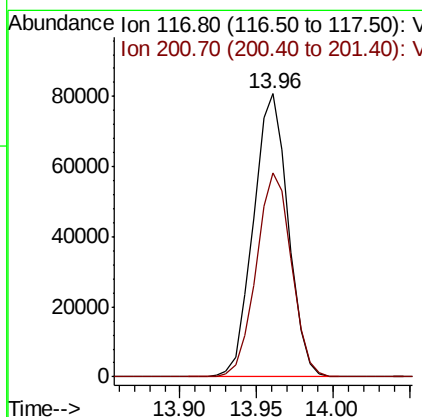
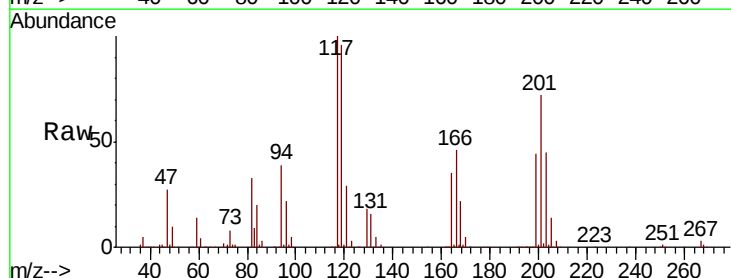
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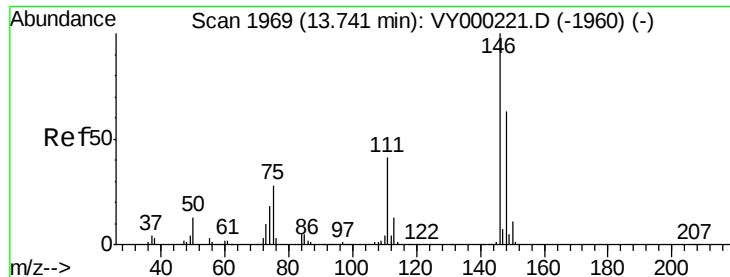
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#90
Hexachloroethane
Concen: 46.424 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.0	35.5	106.5





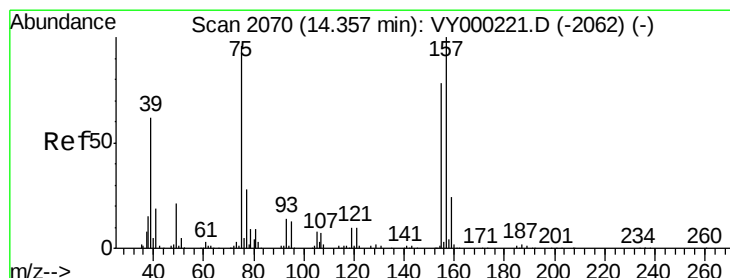
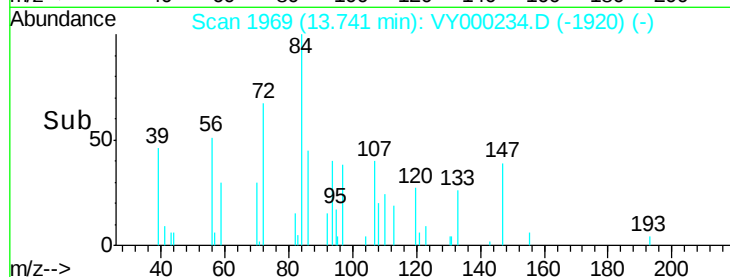
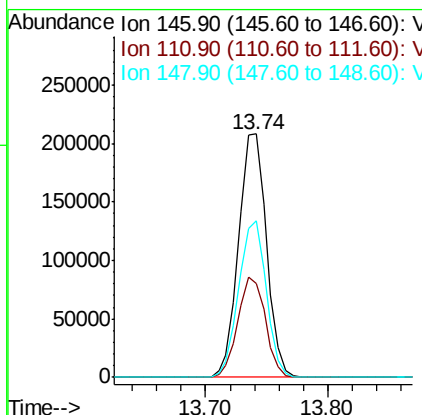
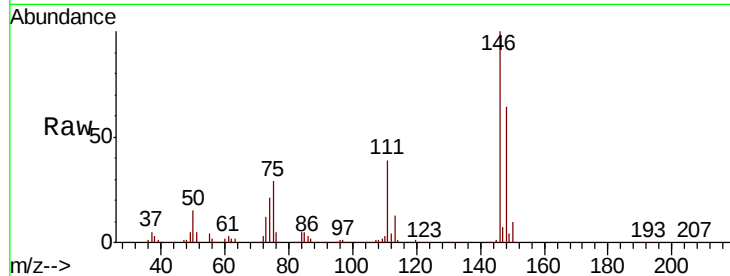
#91
 1,2-Dichlorobenzene
 Concen: 46.005 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.9	62.8
148	63.7	31.6	95.0

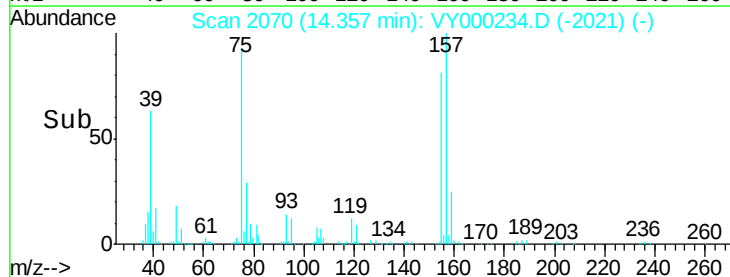
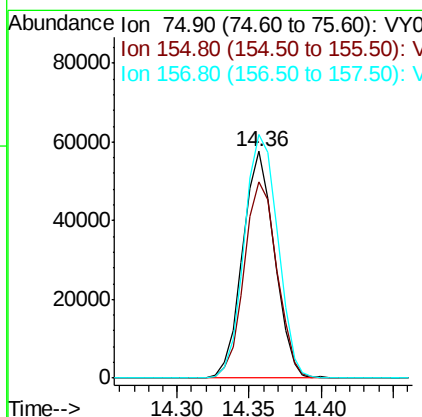
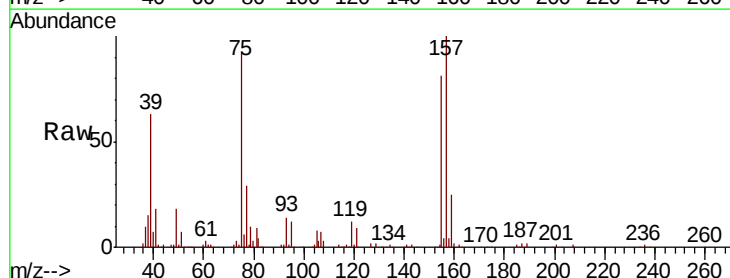
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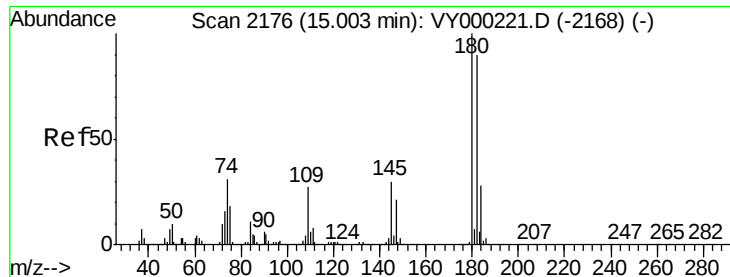
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 10/10/2019 12:52:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.350 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	42.4	127.3
157	112.4	53.8	161.5





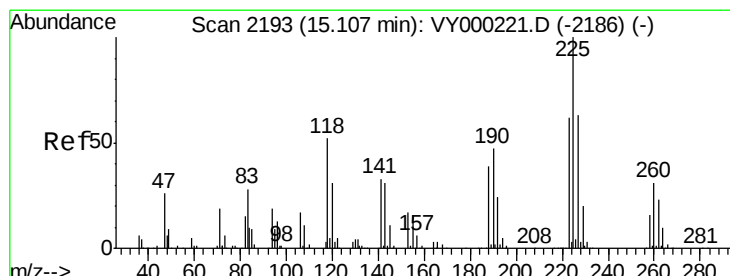
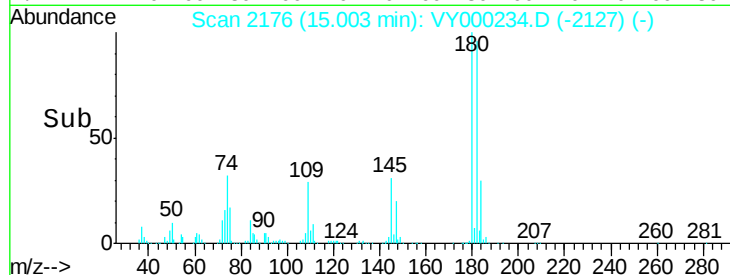
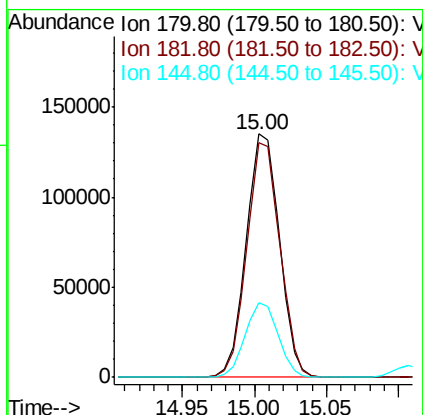
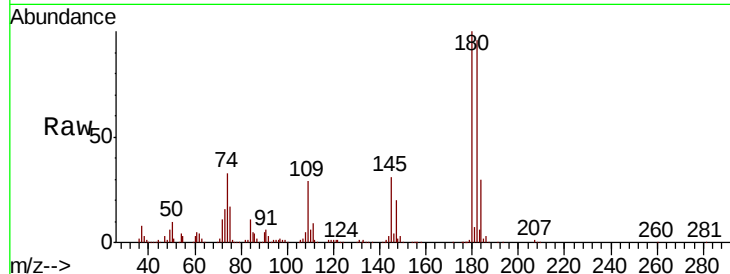
#93
 1,2,4-Trichlorobenzene
 Concen: 44.281 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	214546		
182	96.2	47.2	141.6	
145	30.6	15.3	45.8	

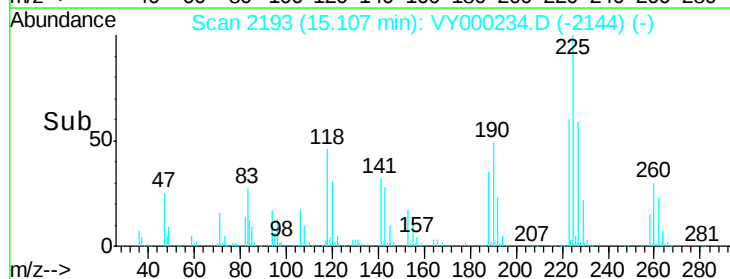
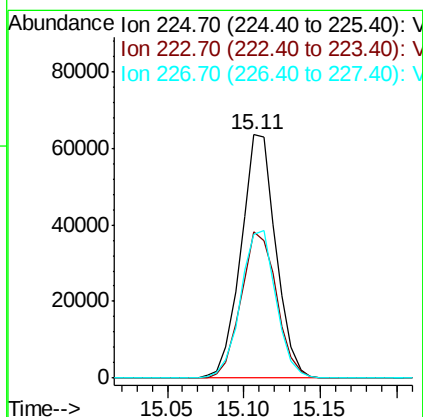
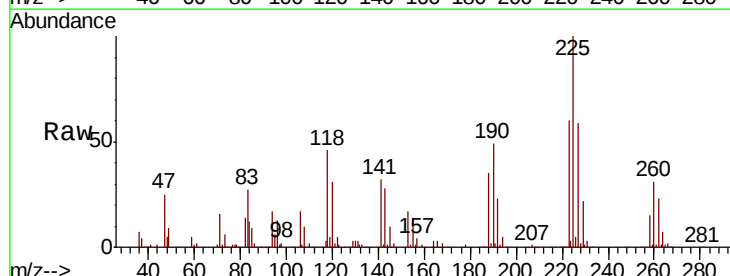
Manual Integrations
 APPROVED

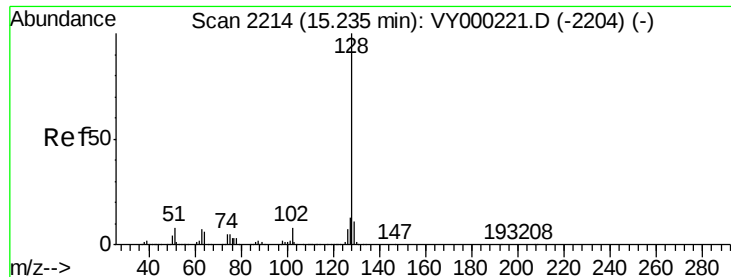
MMDadoda
 10/10/2019 12:52:34 AM



#94
 Hexachlorobutadiene
 Concen: 43.369 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000234.D
 Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100413		
223	61.3	31.9	95.5	
227	61.2	31.5	94.5	





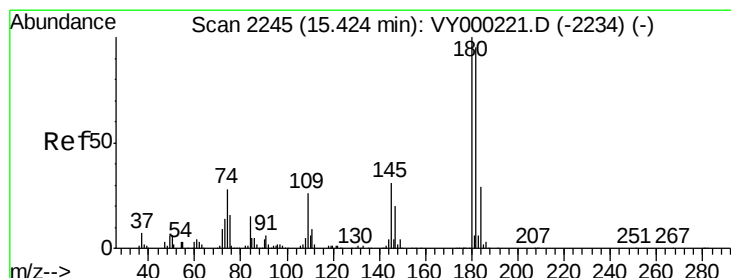
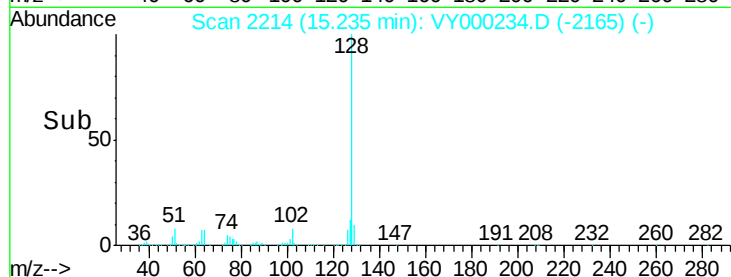
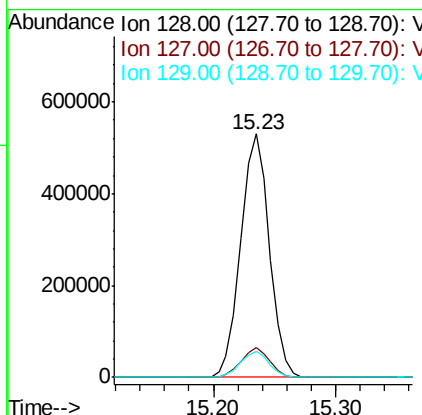
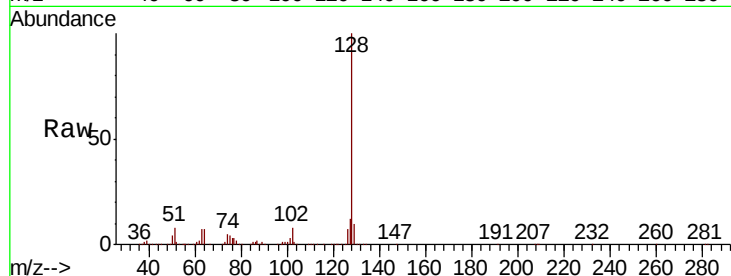
#95
Naphthalene
Concen: 47.123 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.2
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/10/2019 12:52:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.983 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY000234.D
Acq: 08 Oct 2019 21:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.9	143.7
145	31.3	16.3	48.9

