

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
 Data File : VL037878.D
 Acq On : 20 Oct 2021 8:31
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Oct 21 01:30:25 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1257344	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3710491	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	4248173	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2363148	7.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	1470248	7.321	ppbv	98
3) Chlorodifluoromethane	2.99	51	2533670	10.487	ppbv	100
4) Chloromethane	3.14	50	954292	10.784	ppbv	96
5) Vinyl Chloride	3.26	62	910767	11.228	ppbv	98
6) Bromomethane	3.47	94	468849	10.685	ppbv	99
7) Chloroethane	3.56	64	318132	10.667	ppbv	98
8) Dichlorotetrafluoroethane	3.19	85	2063575	10.396	ppbv	98
9) Propene	3.01	41	896883	10.089	ppbv	97
10) Heptane	8.12	43	2356260	11.671	ppbv	99
11) Trichlorofluoromethane	3.95	101	1895388	10.578	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1485615	10.943	ppbv	99
13) Ethanol	3.60	45	29936	4.118	ppbv #	16
14) Bromoethene	3.74	108	618619	10.363	ppbv	97
15) Acetone	3.85	43	1071774	9.495	ppbv	100
16) 1,3-Butadiene	3.33	39	874620	10.650	ppbv	98
17) tert-Butyl alcohol	4.29	59	1250836	10.760	ppbv	99
18) 1,1-Dichloroethene	4.29	96	652083	10.569	ppbv	94
19) Isopropyl Alcohol	3.96	45	682494	9.719	ppbv #	94
20) Methylene Chloride	4.34	84	569426	9.985	ppbv	97
21) Allyl Chloride	4.41	41	1036329	10.364	ppbv	96
22) trans-1,2-Dichloroethene	4.88	96	677418	10.921	ppbv	96
23) Vinyl Acetate	5.07	43	1756789	10.386	ppbv	99
24) 1,1-Dichloroethane	5.01	63	1393243	11.315	ppbv	99
25) Ethyl Acetate	5.67	43	3529220	11.143	ppbv	99
26) Hexane	5.68	57	1672711	10.725	ppbv	98
27) Carbon Disulfide	4.55	76	1691144	12.235	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	1354318	10.430	ppbv	99
29) Chloroform	5.75	83	2392819	10.733	ppbv	99
30) Cyclohexane	7.13	84	1426831	10.789	ppbv	99
31) cis-1,2-Dichloroethene	5.55	61	1542065	10.891	ppbv	99
32) 1,1,1-Trichloroethane	6.51	97	2255928	10.674	ppbv	100
34) 2-Butanone	5.24	43	1211728	8.089	ppbv	98
35) Carbon Tetrachloride	7.01	117	2377313	11.281	ppbv	98
36) Benzene	6.89	78	3526855	11.128	ppbv	99
37) 1,2-Dichloroethane	6.30	62	1648212	11.045	ppbv	100
38) Trichloroethene	7.83	130	1398082	11.166	ppbv	97
39) 1,2-Dichloropropane	7.61	63	1339636	11.238	ppbv	95
40) 1,4-Dioxane	7.83	88	76793	2.574	ppbv #	100
41) Tetrahydrofuran	6.05	42	822131	11.208	ppbv	98
42) Bromodichloromethane	7.79	83	2539834	11.587	ppbv	99
43) Methyl Methacrylate	8.01	69	1245445	12.031	ppbv	99

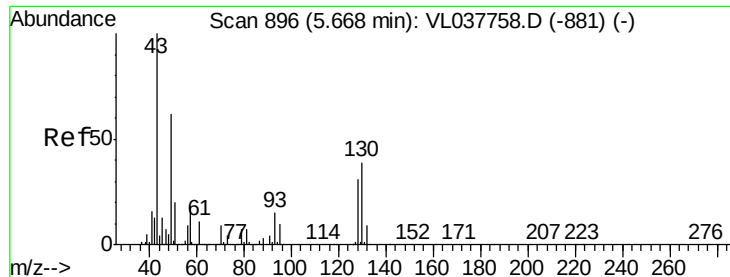
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL102021\
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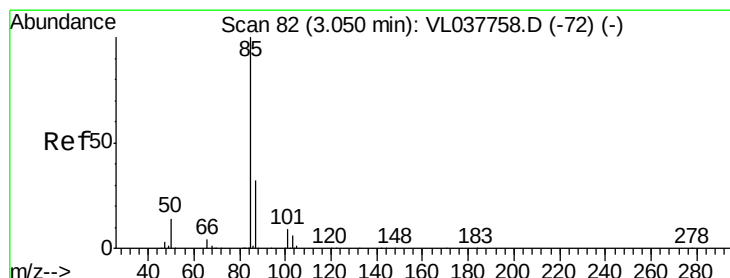
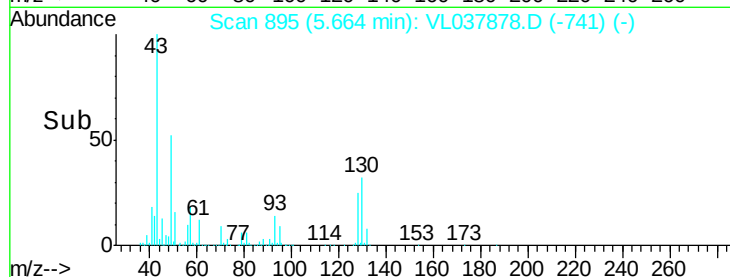
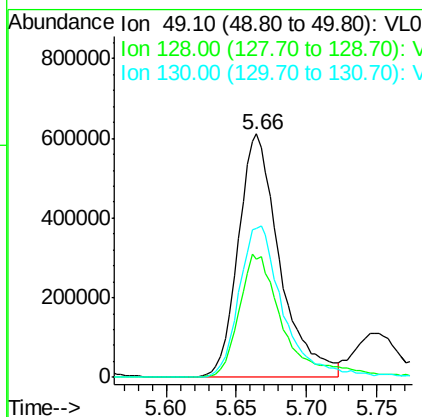
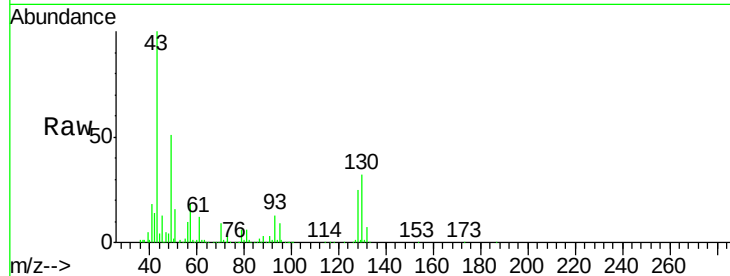
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	7.86	57	5901163	11.083	ppbv	99
45) t-1,3-Dichloropropene	9.27	75	936461	13.148	ppbv	100
46) cis-1,3-Dichloropropene	8.70	75	1268074	12.845	ppbv	97
47) 1,1,2-Trichloroethane	9.47	97	1424059	10.989	ppbv	98
48) Dibromochloromethane	10.30	129	2214099	11.985	ppbv	100
49) Bromoform	13.04	173	1756586	12.427	ppbv	97
50) 4-Methyl-2-Pentanone	8.74	43	2324217	11.919	ppbv	100
51) 2-Hexanone	10.13	43	1042181	11.972	ppbv #	99
52) Tetrachloroethene	11.22	164	1277521	10.361	ppbv	98
53) Toluene	9.80	91	4069629	11.587	ppbv	99
54) 1,2-Dibromoethane	10.60	107	1938892	11.076	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.12	131	1554097	8.837	ppbv	96
57) Chlorobenzene	12.14	112	2999764	8.608	ppbv	99
58) Ethyl Benzene	12.71	91	5075574	8.898	ppbv	99
59) m/p-Xylene	12.99	91	4760042	9.721	ppbv #	41
60) o-Xylene	13.69	91	4005749	8.536	ppbv	99
61) Styrene	13.52	104	2221569	9.787	ppbv	98
62) Isopropylbenzene	14.66	105	5725402	8.747	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.67	83	2849114	7.868	ppbv	96
64) n-propylbenzene	15.55	120	1441741	8.833	ppbv	94
65) tert-Butylbenzene	16.73	119	4847498	8.416	ppbv	99
66) Benzyl Chloride	16.99	91	234453	8.248	ppbv #	97
67) sec-Butylbenzene	17.29	105	6695062	8.499	ppbv	99
69) p-Isopropyltoluene	17.64	119	5490611	8.621	ppbv	100
70) n-Butylbenzene	18.54	91	5303998	8.766	ppbv	99
71) 2-Chlorotoluene	15.45	91	3914709	8.469	ppbv	98
72) 4-Ethyltoluene	15.83	105	4898717	9.194	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	4378725	9.047	ppbv	96
74) 1,2,4-Trimethylbenzene	16.76	105	4427668	8.712	ppbv	96
75) 1,3-Dichlorobenzene	16.99	146	2685020	8.527	ppbv	99
76) 1,4-Dichlorobenzene	17.13	146	2589555	8.621	ppbv	99
77) 1,2-Dichlorobenzene	17.81	146	2532890	8.373	ppbv	98
78) Hexachloro-1,3-Butadiene	23.37	225	1813702	7.343	ppbv	99
79) Naphthalene	22.18	128	2896940	9.307	ppbv	98
80) Naphthalene,2-methyl-	24.96	142	640920	7.668	ppbv	99
81) 1,2,4-Trichlorobenzene	21.91	180	918664	4.614	ppbv #	12

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



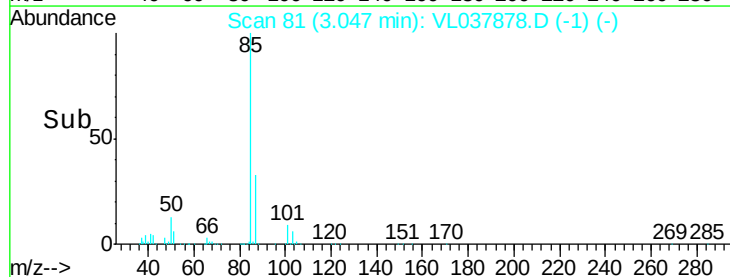
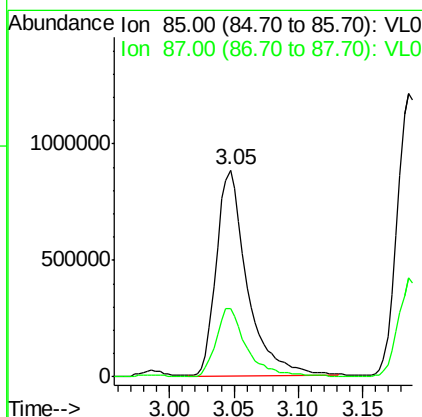
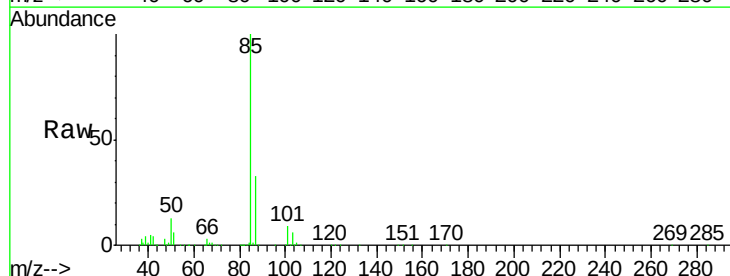
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

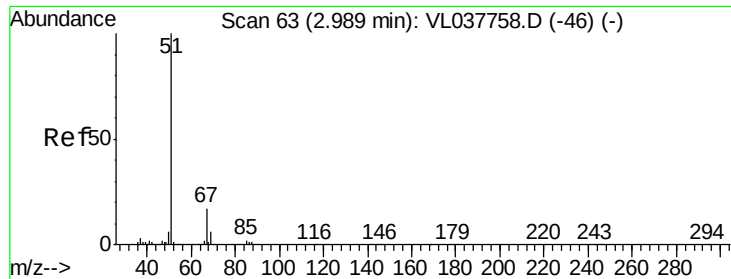
Tgt Ion: 49 Resp: 1257344
 Ion Ratio Lower Upper
 49 100
 128 55.1 27.1 81.3
 130 66.4 33.2 99.6



#2
 Dichlorodifluoromethane
 Concen: 7.321 ppbv
 RT: 3.05 min Scan# 81
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 85 Resp: 1470248
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 10.487 ppbv

RT: 2.99 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

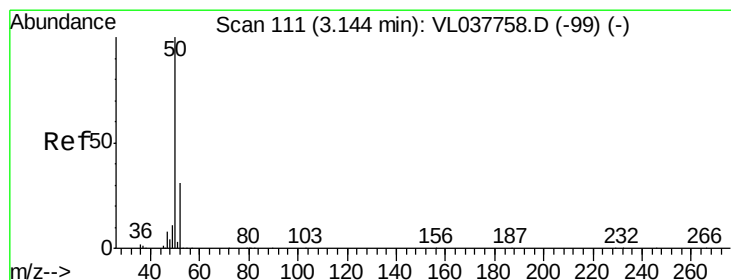
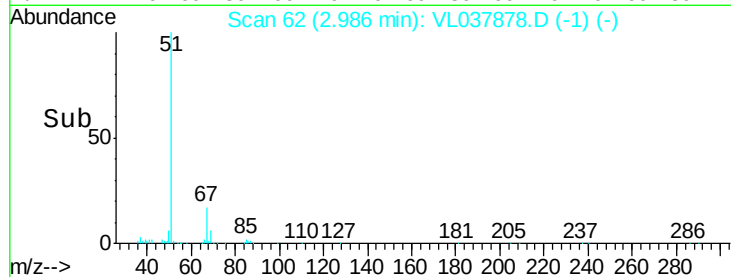
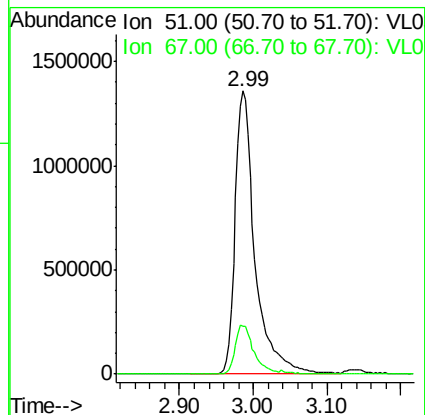
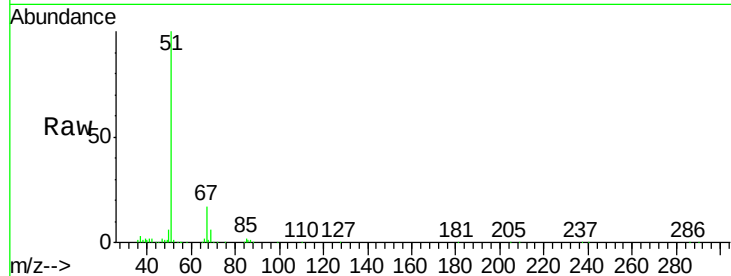
Acq: 20 Oct 2021 8:31 VSTDCCC010

Tgt Ion: 51 Resp: 2533670

Ion Ratio Lower Upper

51 100

67 17.1 13.5 20.3



#4

Chloromethane

Concen: 10.784 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037878.D

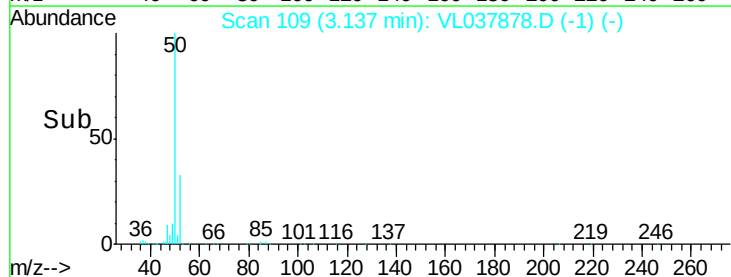
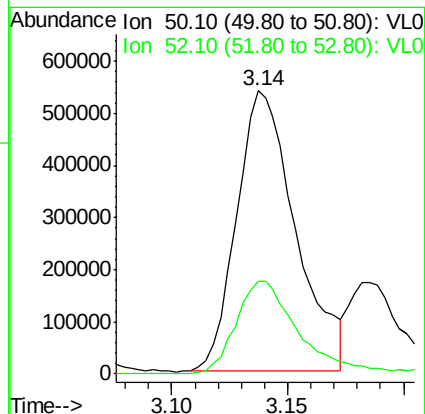
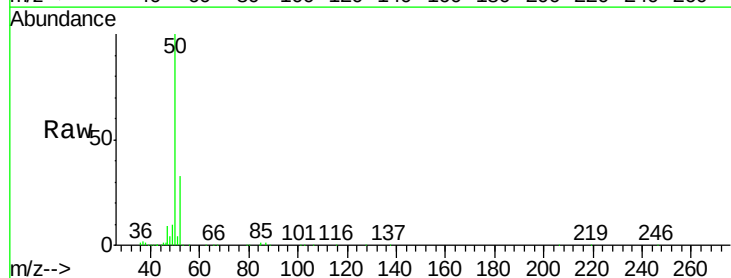
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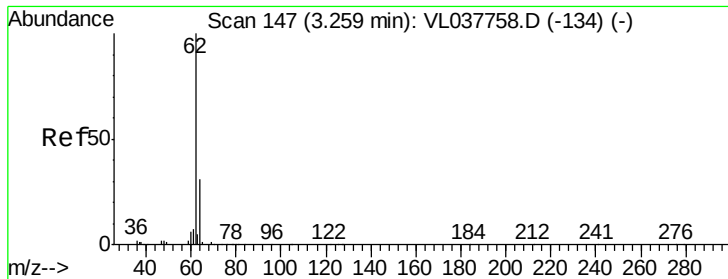
Tgt Ion: 50 Resp: 954292

Ion Ratio Lower Upper

50 100

52 32.8 24.4 36.6





#5

Vinyl Chloride

Concen: 11.228 ppbv

RT: 3.26 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

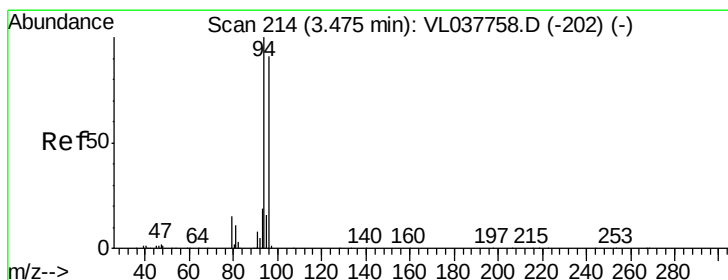
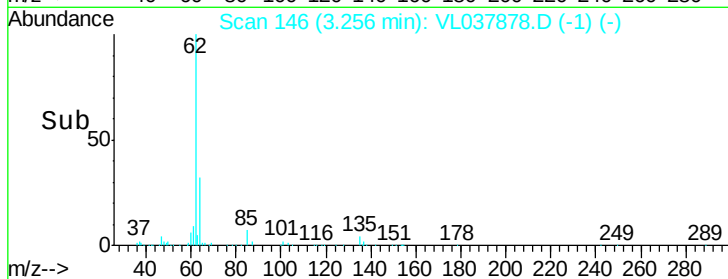
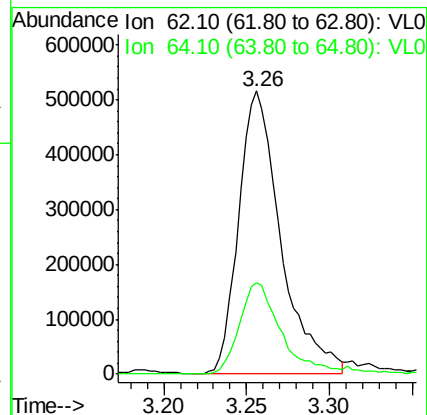
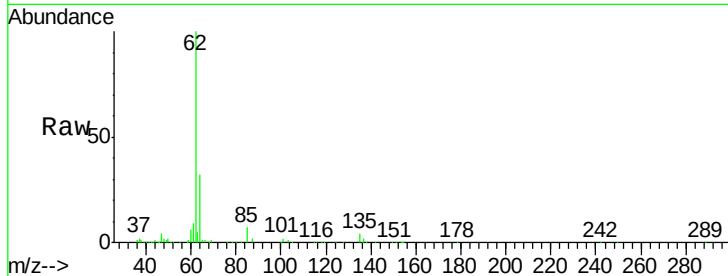
Acq: 20 Oct 2021 8:31

Tgt Ion: 62 Resp: 910767

Ion Ratio Lower Upper

62 100

64 32.2 24.9 37.3



#6

Bromomethane

Concen: 10.685 ppbv

RT: 3.47 min Scan# 214

Delta R.T. -0.00 min

Lab File: VL037878.D

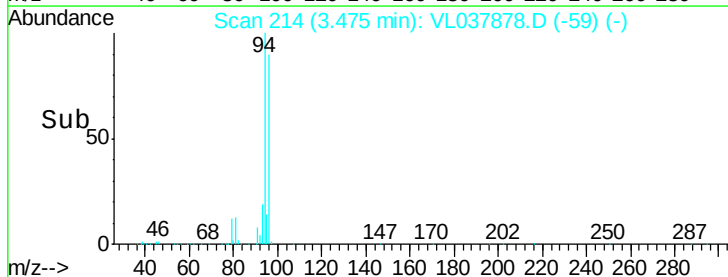
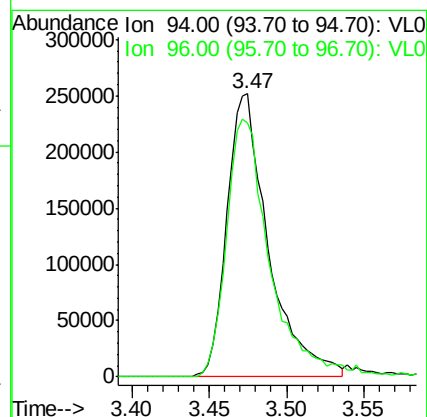
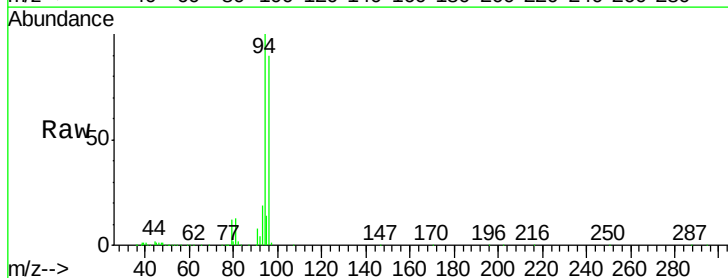
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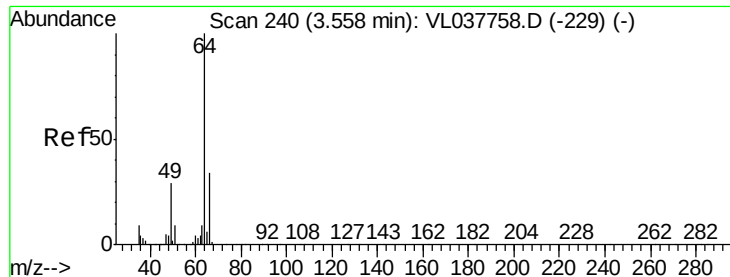
Tgt Ion: 94 Resp: 468849

Ion Ratio Lower Upper

94 100

96 89.6 72.5 108.7





#7

Chloroethane

Concen: 10.667 ppbv

RT: 3.56 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

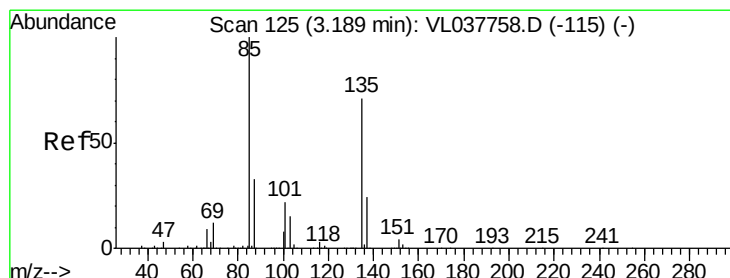
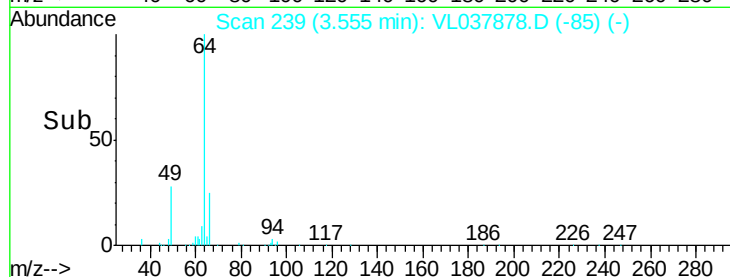
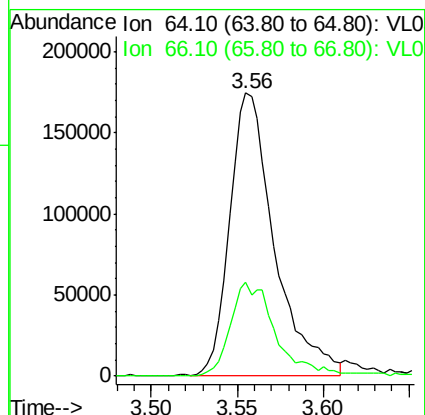
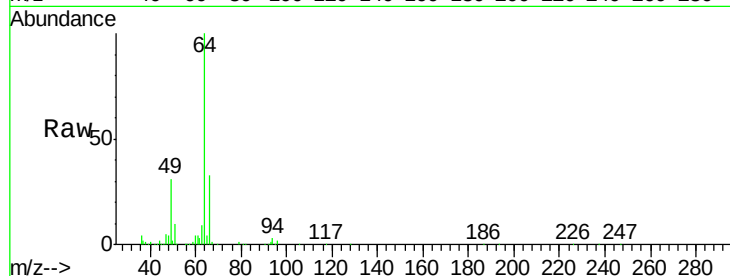
Acq: 20 Oct 2021 8:31 VSTDCCC010

Tgt Ion: 64 Resp: 318132

Ion Ratio Lower Upper

64 100

66 33.3 27.5 41.3



#8

Dichlorotetrafluoroethane

Concen: 10.396 ppbv

RT: 3.19 min Scan# 124

Delta R.T. -0.00 min

Lab File: VL037878.D

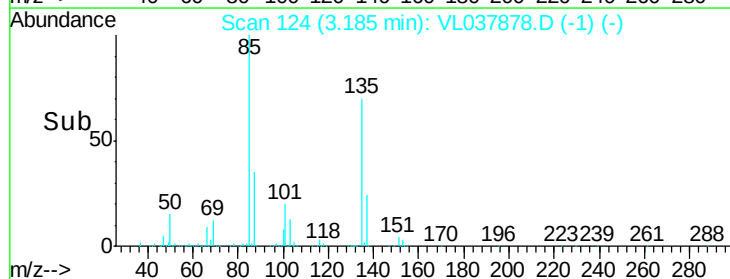
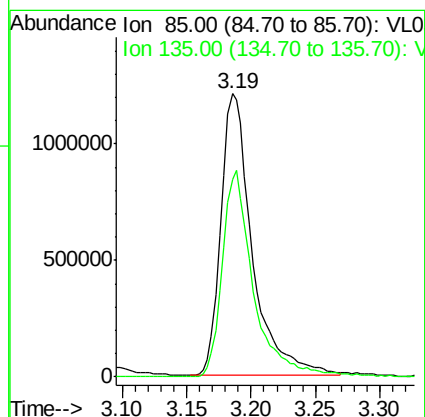
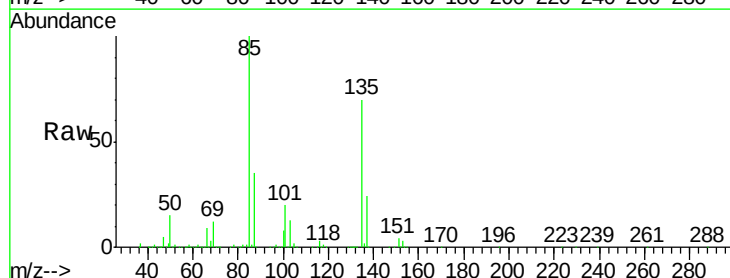
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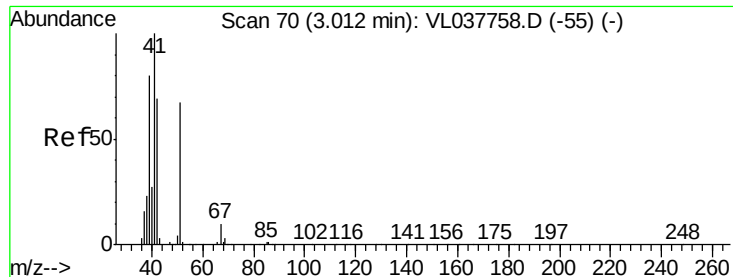
Tgt Ion: 85 Resp: 2063575

Ion Ratio Lower Upper

85 100

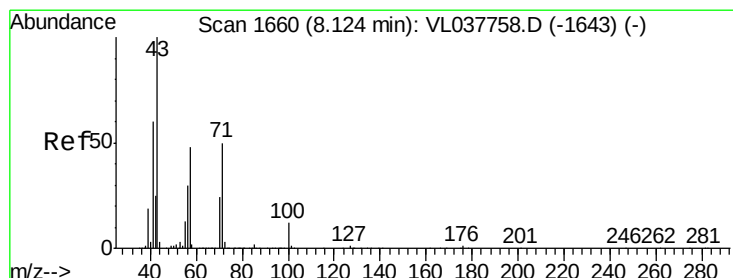
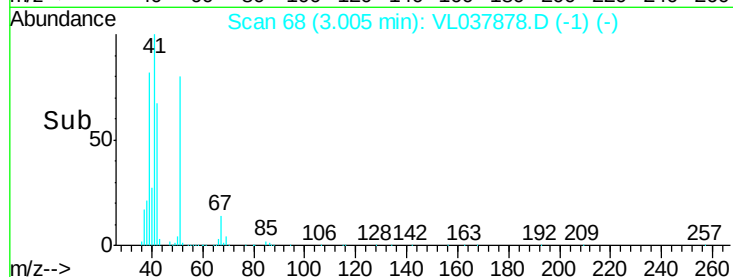
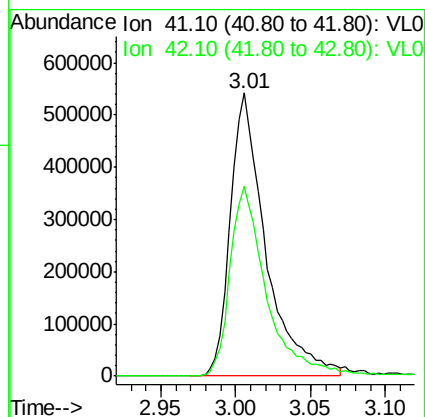
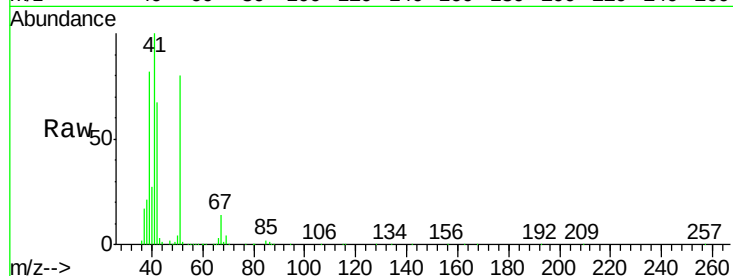
135 73.0 59.5 89.3





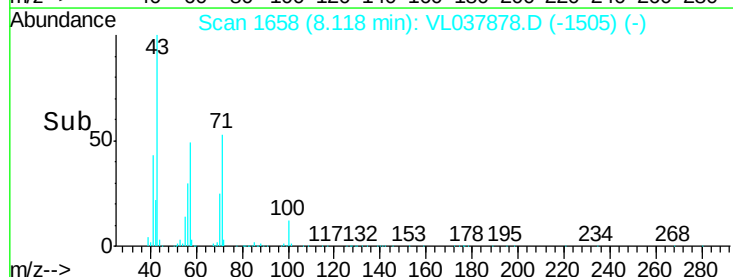
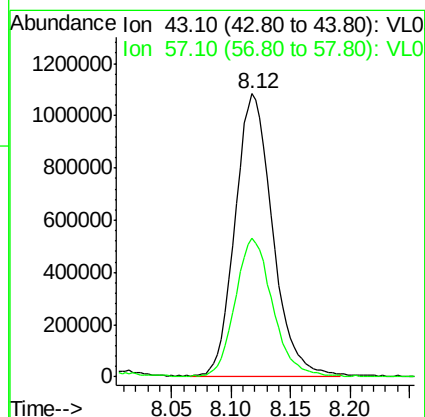
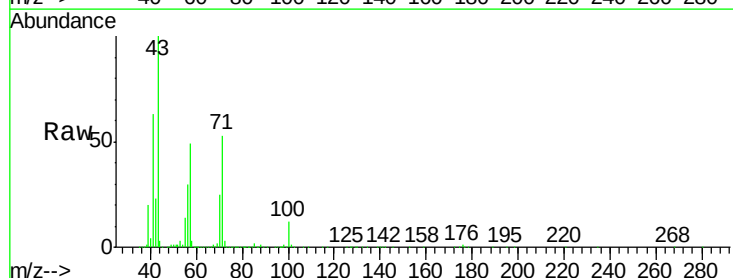
#9
 Propene
 Concen: 10.089 ppbv
 RT: 3.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

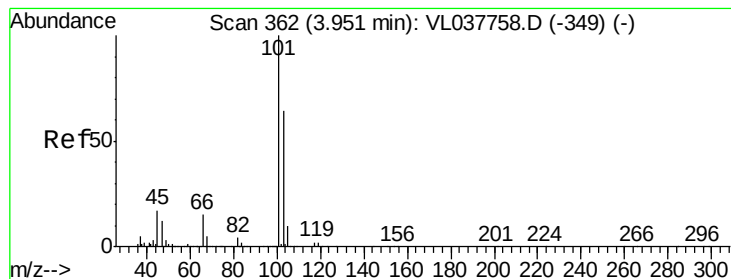
Tgt Ion: 41 Resp: 896883
 Ion Ratio Lower Upper
 41 100
 42 69.9 54.2 81.2



#10
 Heptane
 Concen: 11.671 ppbv
 RT: 8.12 min Scan# 1658
 Delta R.T. -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 2356260
 Ion Ratio Lower Upper
 43 100
 57 49.1 40.0 60.0





#11

Trichlorofluoromethane

Concen: 10.578 ppbv

RT: 3.95 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

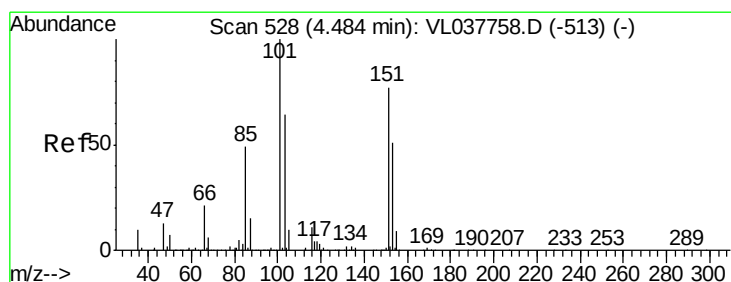
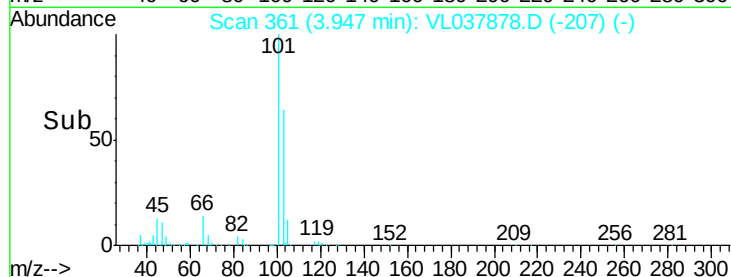
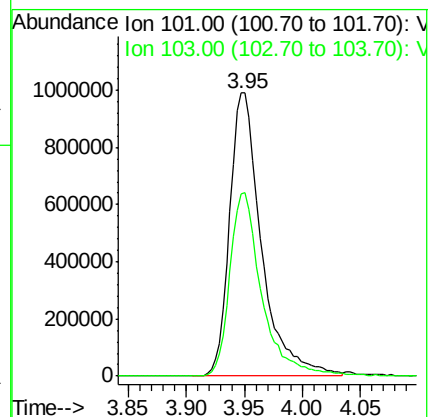
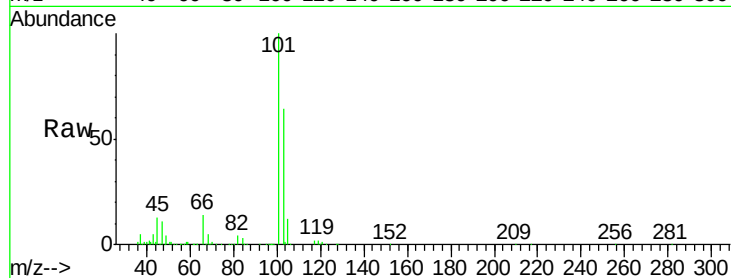
Acq: 20 Oct 2021 8:31 VSTDCCC010

Tgt Ion:101 Resp: 1895388

Ion Ratio Lower Upper

101 100

103 64.2 51.5 77.3



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.943 ppbv

RT: 4.48 min Scan# 528

Delta R.T. -0.00 min

Lab File: VL037878.D

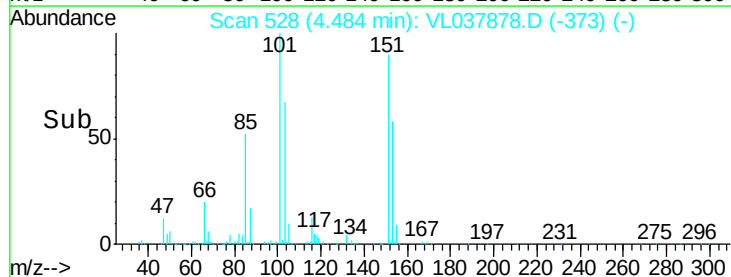
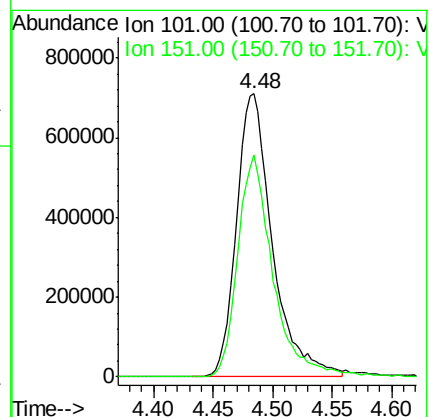
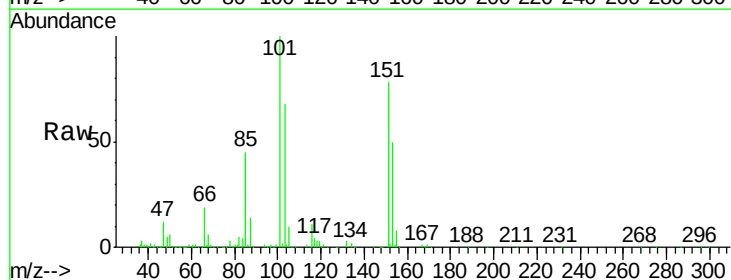
Acq: 20 Oct 2021 8:31

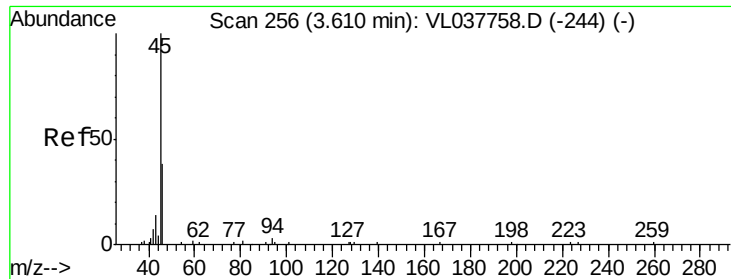
Tgt Ion:101 Resp: 1485615

Ion Ratio Lower Upper

101 100

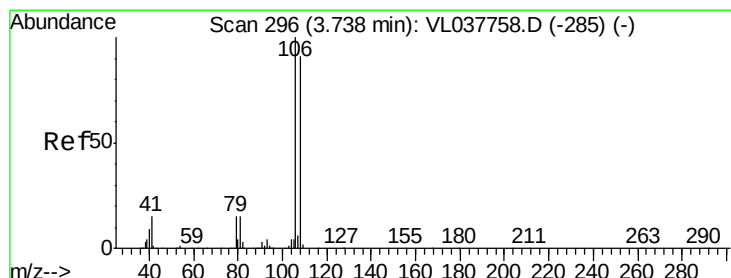
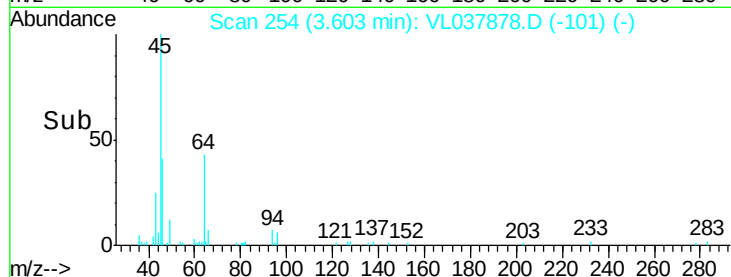
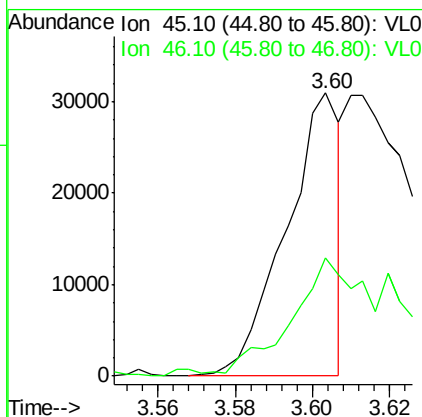
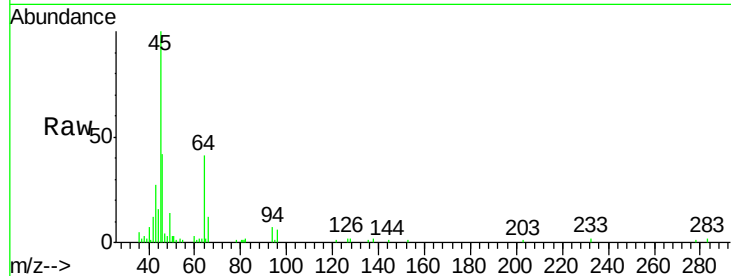
151 77.3 62.9 94.3





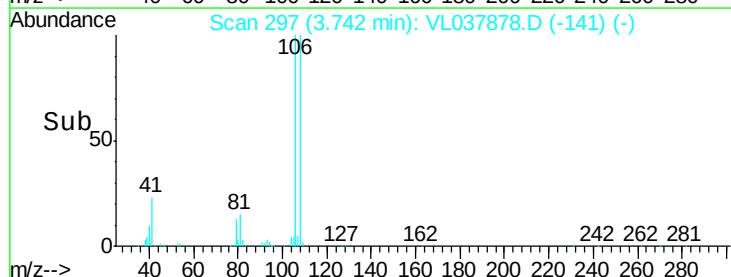
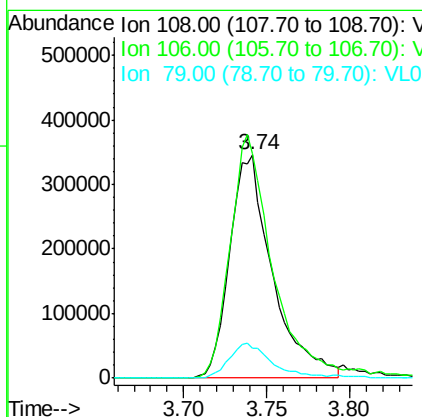
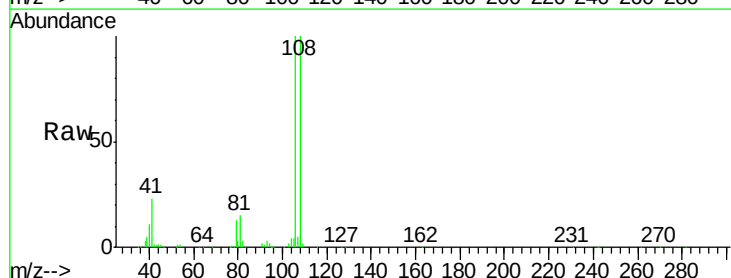
#13
 Ethanol
 Concen: 4.118 ppbv
 RT: 3.60
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

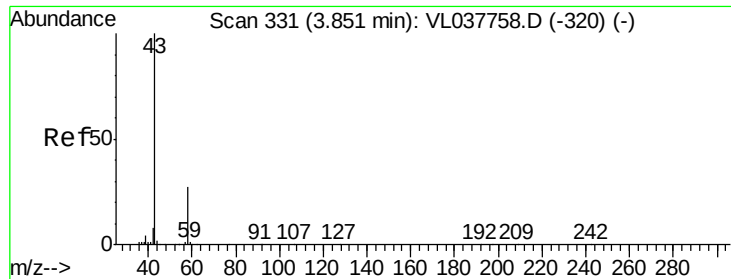
Tgt Ion: 45 Resp: 29936
 Ion Ratio Lower Upper
 45 100
 46 108.6 20.2 81.0#



#14
 Bromoethene
 Concen: 10.363 ppbv
 RT: 3.74 min Scan# 297
 Delta R.T. 0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

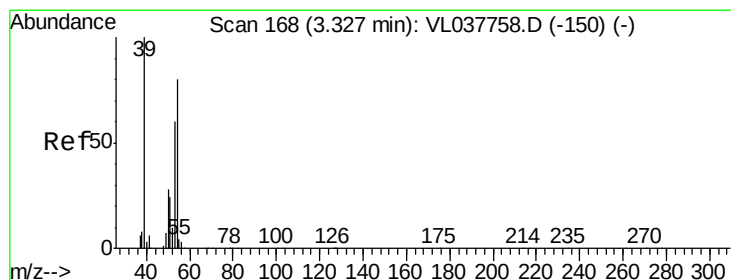
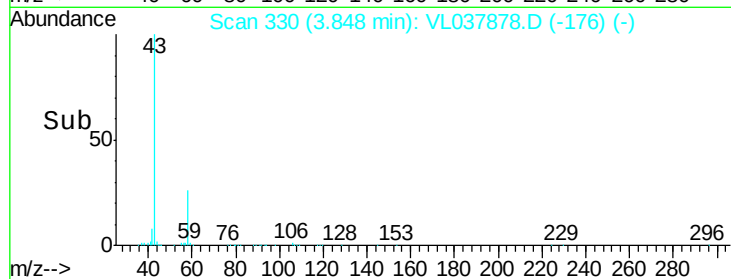
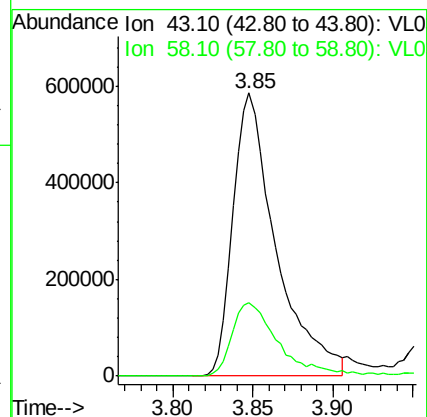
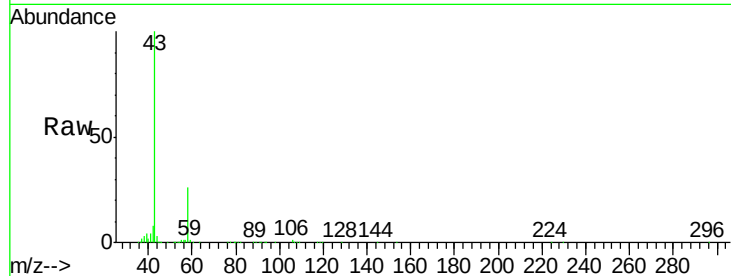
Tgt Ion: 108 Resp: 618619
 Ion Ratio Lower Upper
 108 100
 106 111.9 91.9 137.9
 79 16.7 13.9 20.9





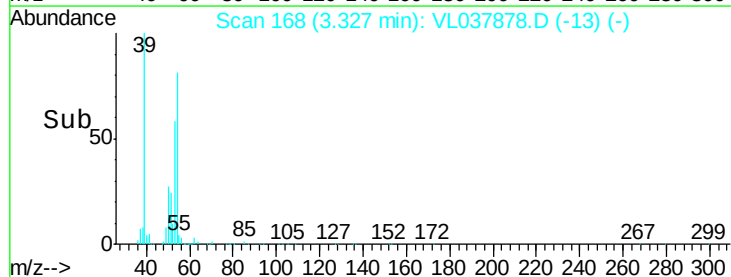
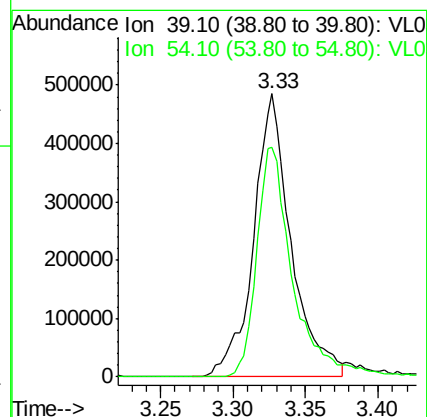
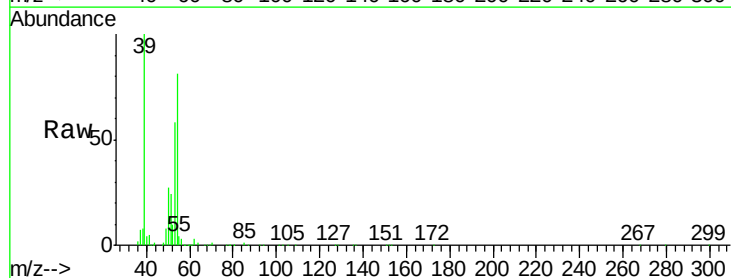
#15
Acetone
Concen: 9.495 ppbv
RT: 3.85
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

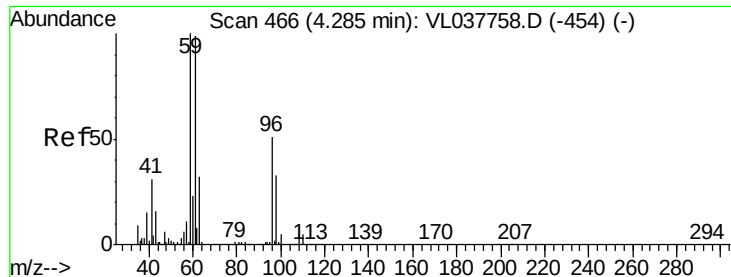
Tgt Ion: 43 Resp: 1071774
Ion Ratio Lower Upper
43 100
58 28.7 23.0 34.6



#16
1,3-Butadiene
Concen: 10.650 ppbv
RT: 3.33 min Scan# 168
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 39 Resp: 874620
Ion Ratio Lower Upper
39 100
54 79.0 61.7 92.5





#17

tert-Butyl alcohol

Concen: 10.760 ppbv

RT: 4.29 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

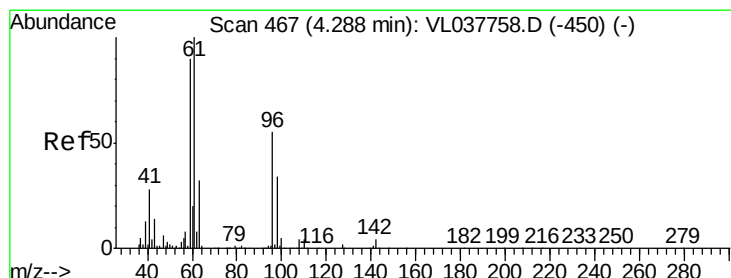
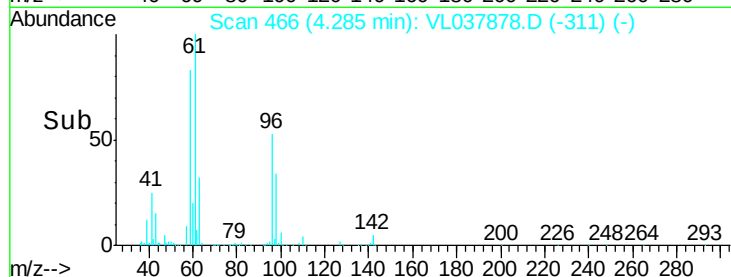
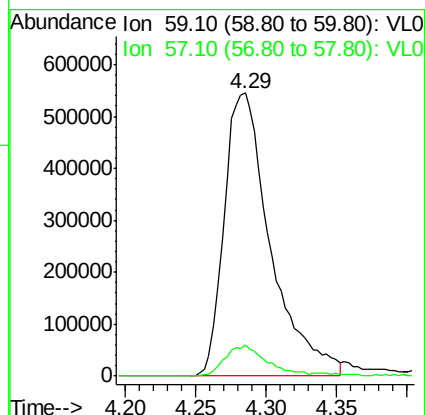
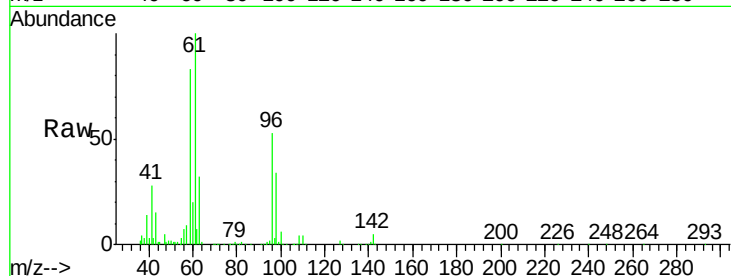
Acq: 20 Oct 2021 8:31

Tgt Ion: 59 Resp: 1250836

Ion Ratio Lower Upper

59 100

57 10.5 8.6 13.0



#18

1,1-Dichloroethene

Concen: 10.569 ppbv

RT: 4.29 min Scan# 467

Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

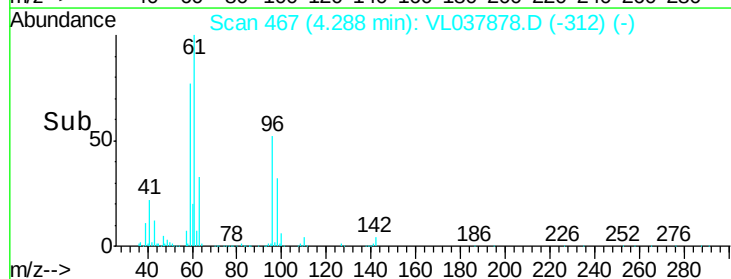
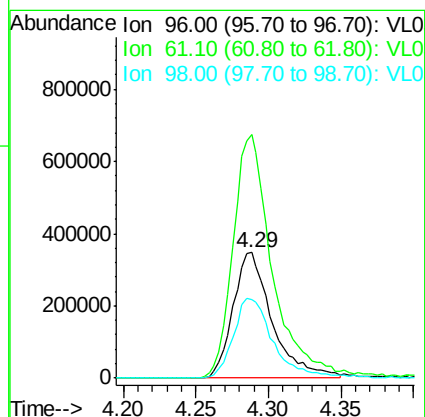
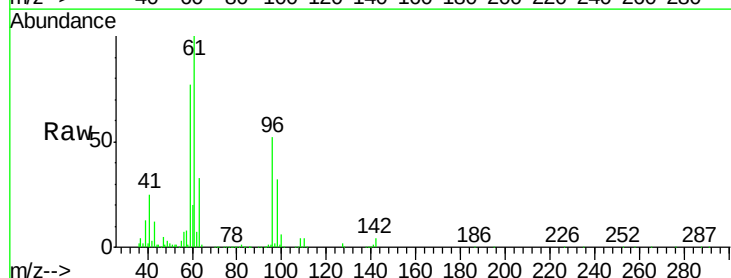
Tgt Ion: 96 Resp: 652083

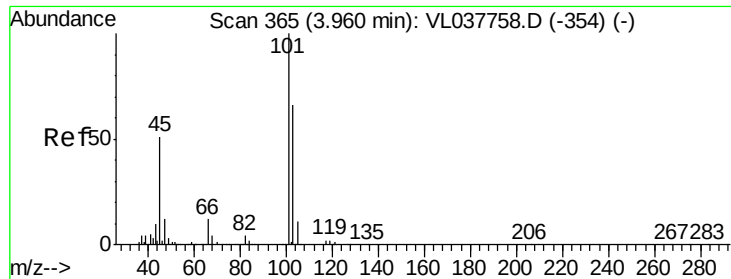
Ion Ratio Lower Upper

96 100

61 193.7 146.2 219.4

98 62.0 50.0 75.0





#19

Isopropyl Alcohol

Concen: 9.719 ppbv

RT: 3.96 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

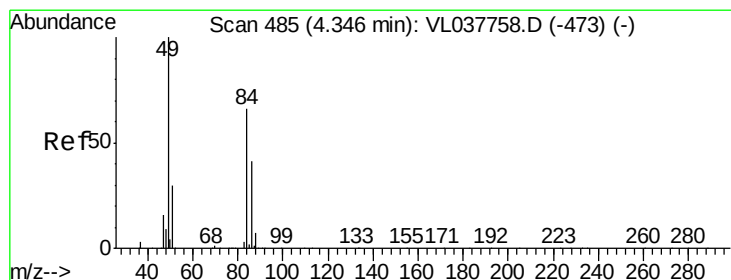
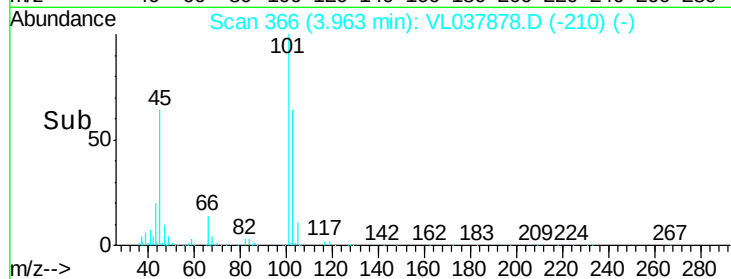
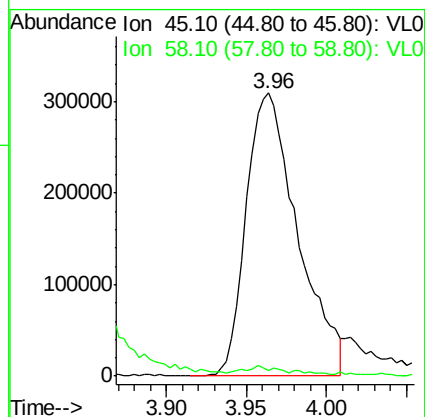
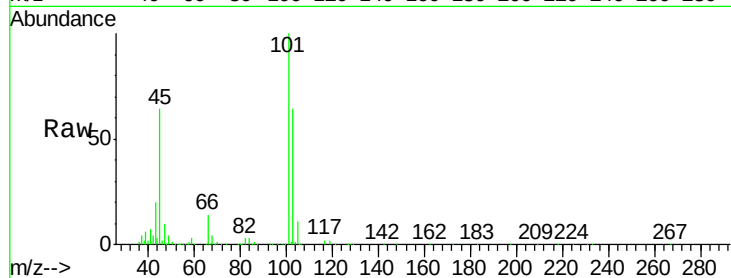
Acq: 20 Oct 2021 8:31

Tgt Ion: 45 Resp: 682494

Ion Ratio Lower Upper

45 100

58 3.7 1.1 1.7#



#20

Methylene Chloride

Concen: 9.985 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion: 84 Resp: 569426

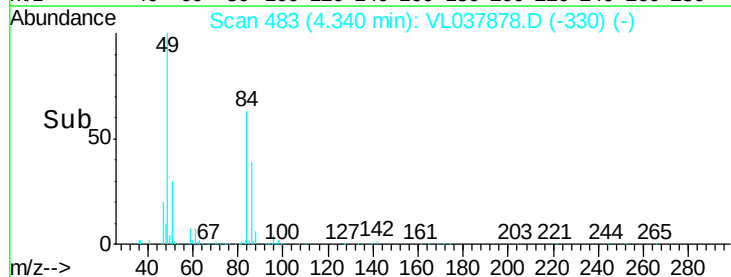
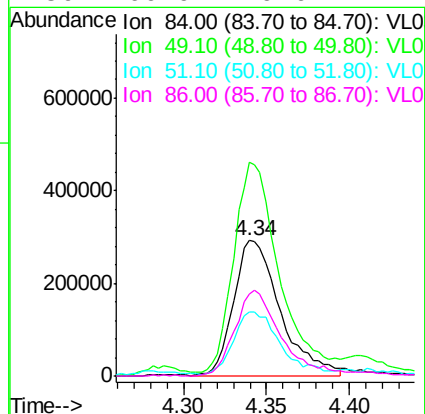
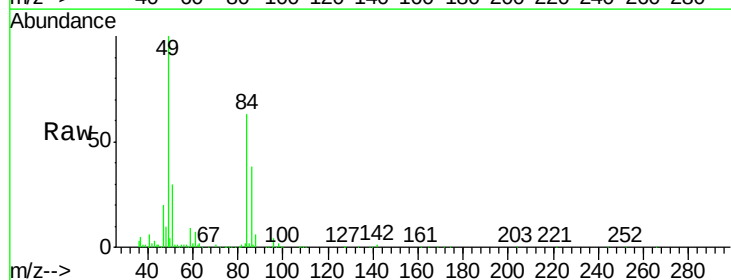
Ion Ratio Lower Upper

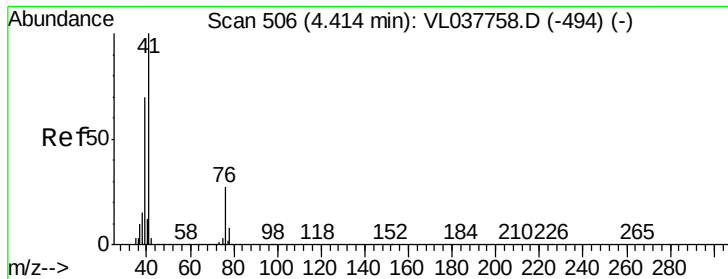
84 100

49 155.9 120.7 181.1

51 45.2 36.2 54.4

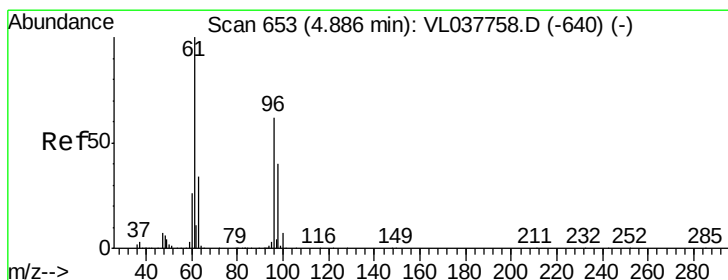
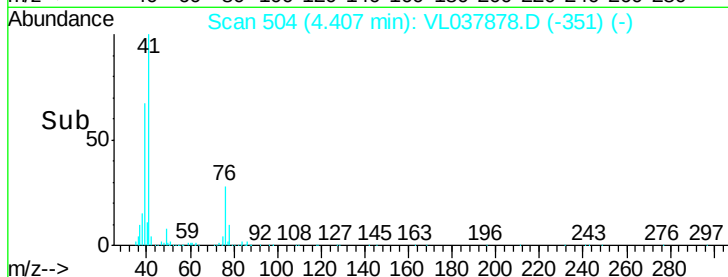
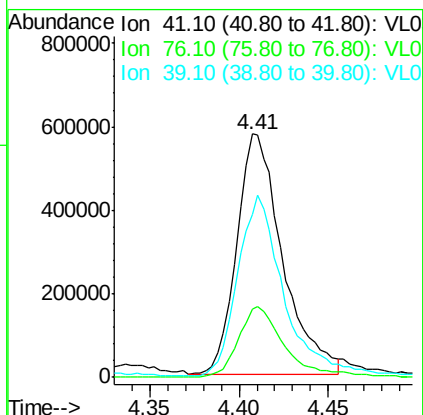
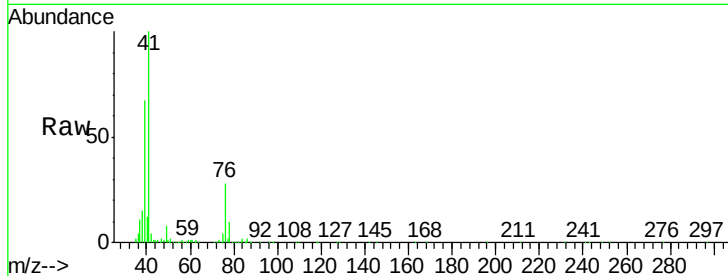
86 60.9 49.6 74.4





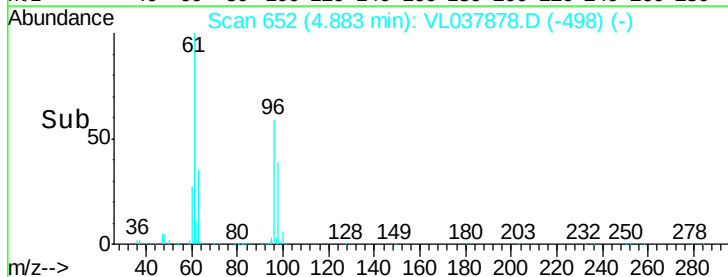
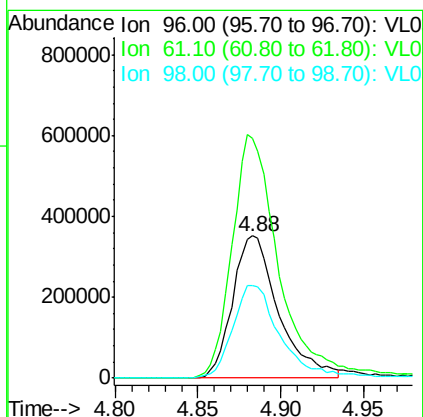
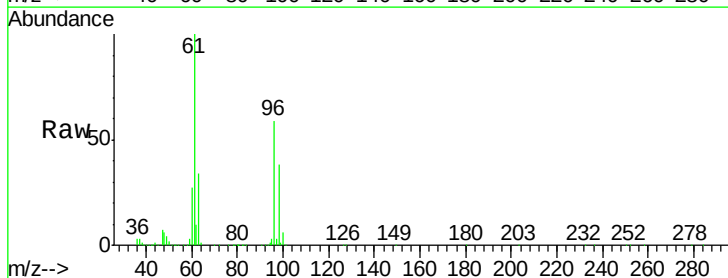
#21
 Allyl Chloride
 Concen: 10.364 ppbv
 RT: 4.41
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

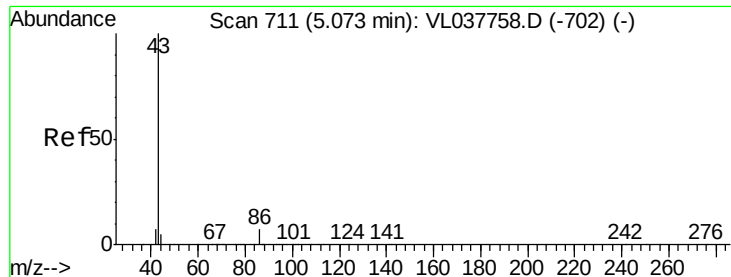
Tgt Ion: 41 Resp: 1036329
 Ion Ratio Lower Upper
 41 100
 76 29.8 22.4 33.6
 39 76.6 58.0 87.0



#22
 trans-1,2-Dichloroethene
 Concen: 10.921 ppbv
 RT: 4.88 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 96 Resp: 677418
 Ion Ratio Lower Upper
 96 100
 61 168.1 129.0 193.6
 98 64.7 51.7 77.5





#23

Vinyl Acetate

Concen: 10.386 ppbv

RT: 5.07 Instrument: MSVOA_1

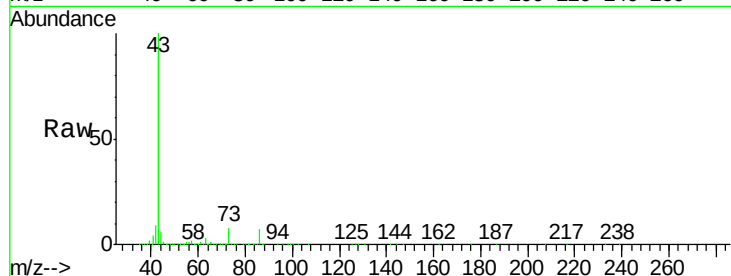
Delta R.T. ClientSampleId:

Lab File: VSTDCCC010

Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 1756789

Ion	Ratio	Lower	Upper
43	100		
86	6.6	5.0	7.4
42	9.5	7.4	11.0
44	5.5	3.8	5.6

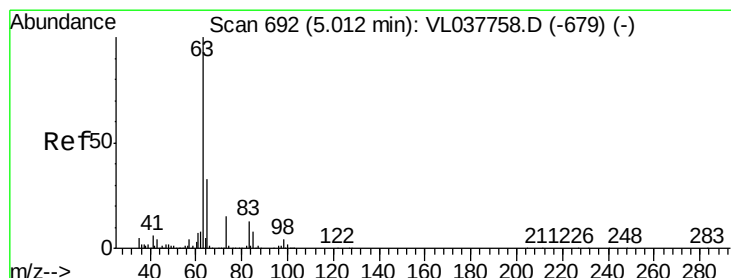
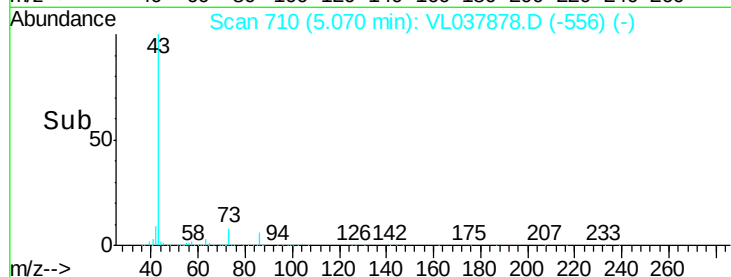
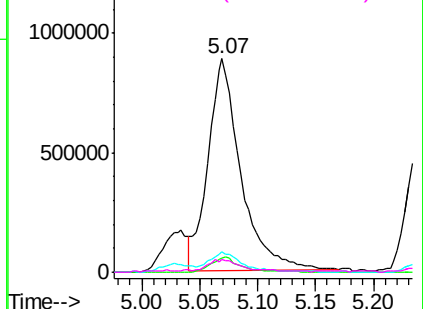


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 11.315 ppbv

RT: 5.01 min Scan# 691

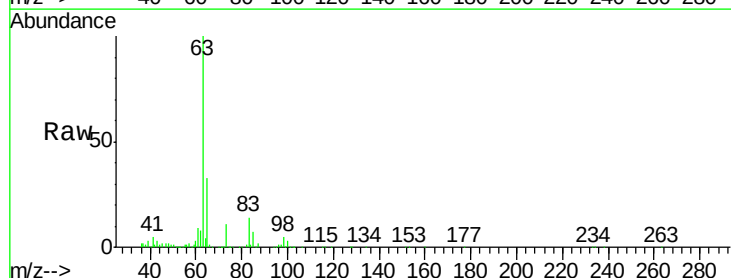
Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion: 63 Resp: 1393243

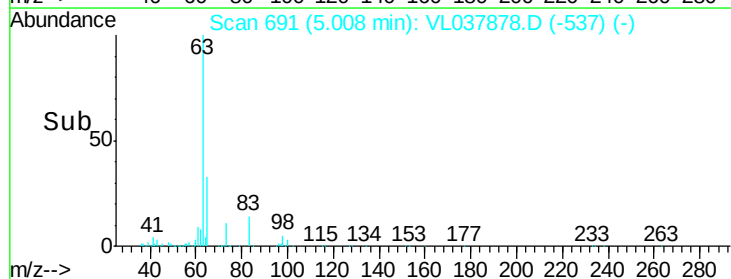
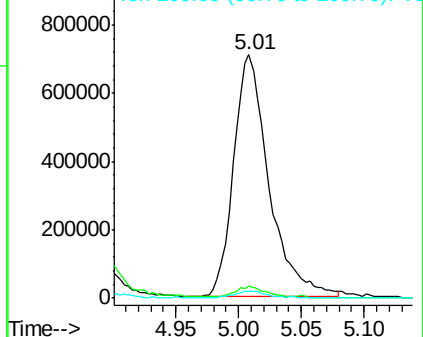
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.9
100	2.6	1.1	3.1

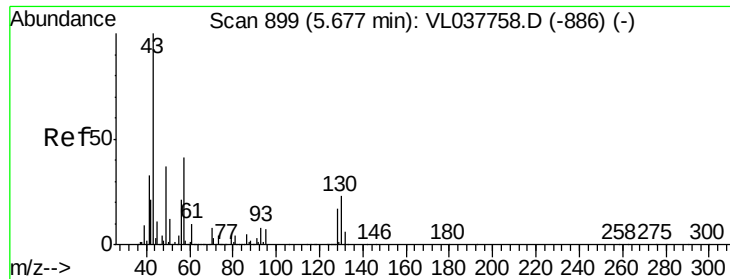


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0

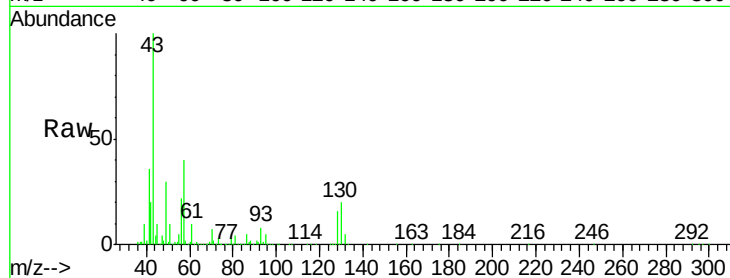




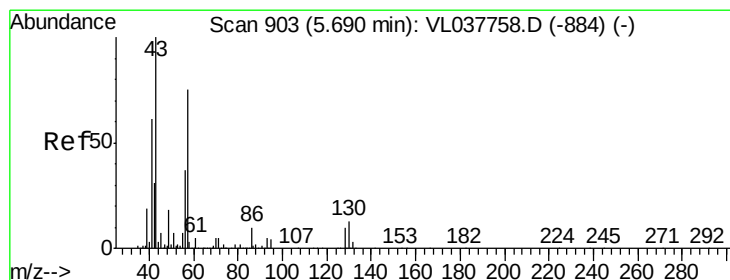
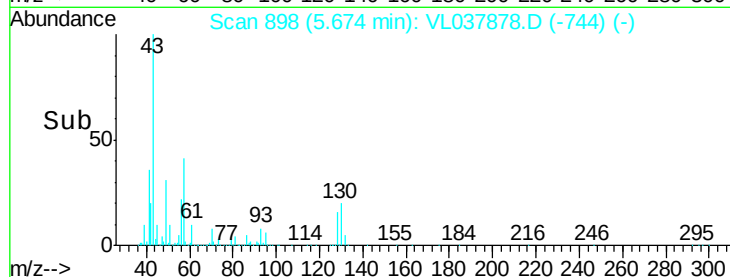
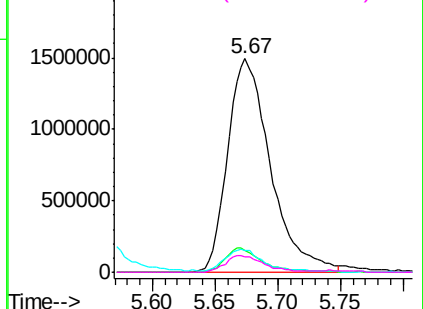
#25
Ethyl Acetate
Concen: 11.143 ppbv
RT: 5.67
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VSTDCCC010
Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 3529220

Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	10.0	7.5	11.3
70	7.1	5.9	8.9



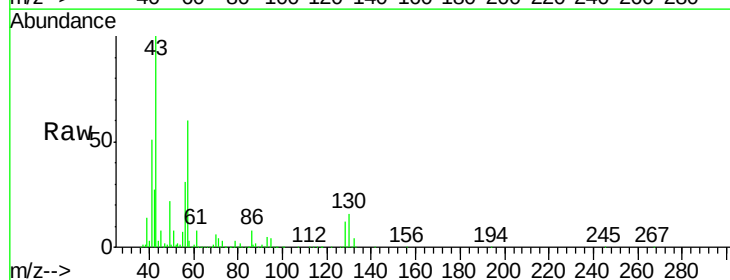
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



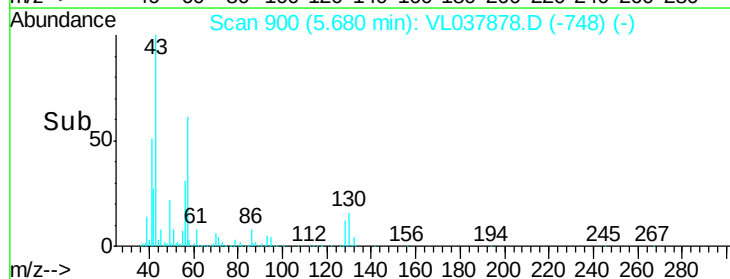
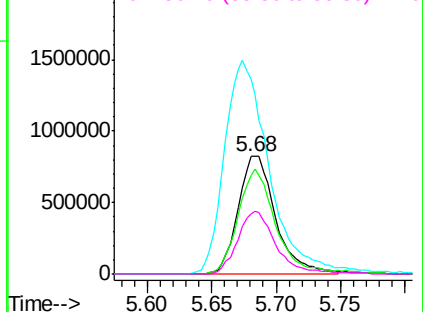
#26
Hexane
Concen: 10.725 ppbv
RT: 5.68 min Scan# 900
Delta R.T.: -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

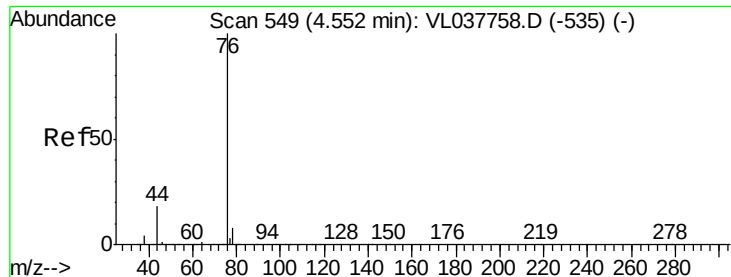
Tgt Ion: 57 Resp: 1672711

Ion	Ratio	Lower	Upper
57	100		
41	90.6	69.6	104.4
43	215.6	171.4	257.0
56	54.7	42.0	63.0



Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 12.235 ppbv

RT: 4.55 Instrument: MSVOA_L

Delta R.T.

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31 VSTDCCC010

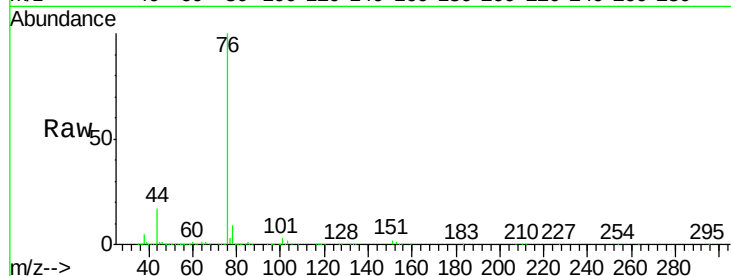
Tgt Ion: 76 Resp: 1691144

Ion Ratio Lower Upper

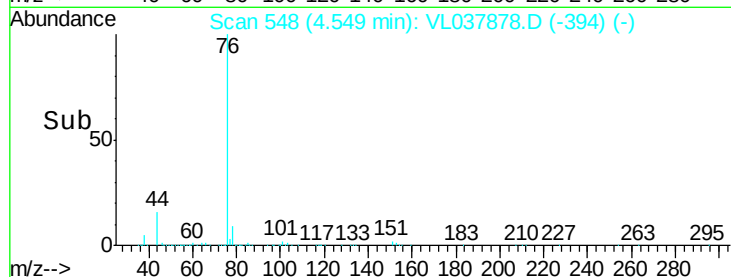
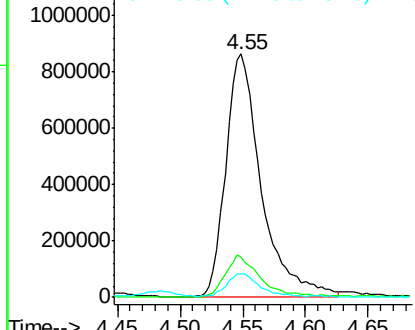
76 100

44 16.9 14.3 21.5

78 9.7 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0



#28

Methyl tert-Butyl Ether

Concen: 10.430 ppbv

RT: 5.03 min Scan# 698

Delta R.T. -0.00 min

Lab File: VL037878.D

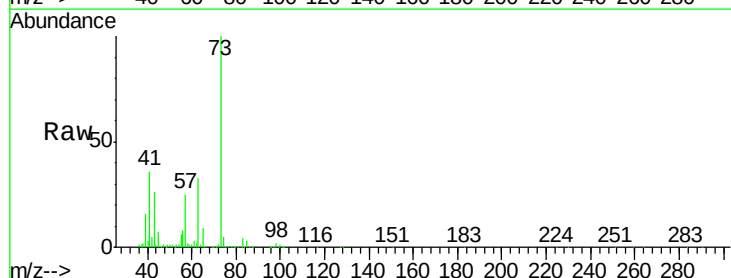
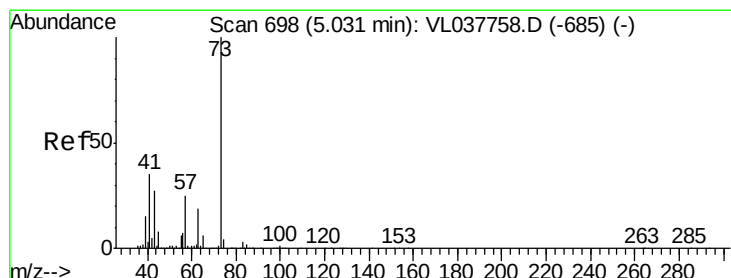
Acq: 20 Oct 2021 8:31

Tgt Ion: 73 Resp: 1354318

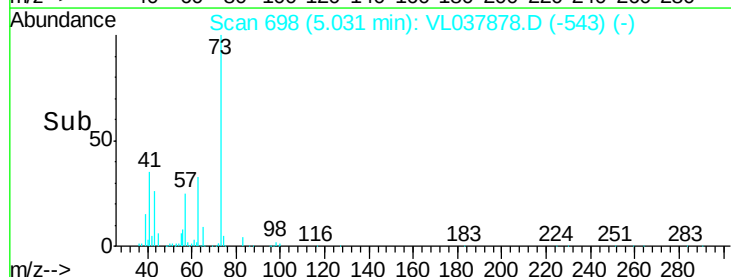
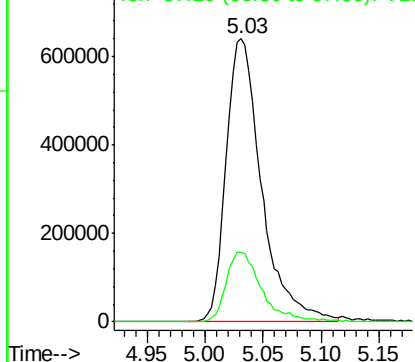
Ion Ratio Lower Upper

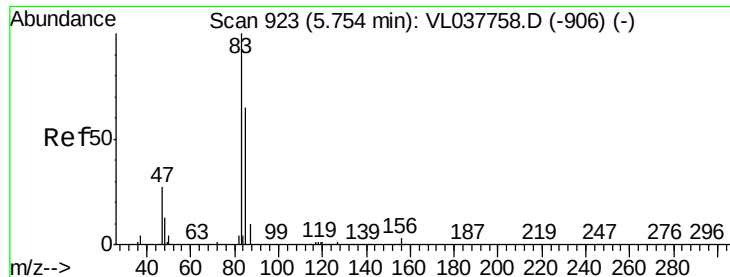
73 100

57 25.2 20.4 30.6



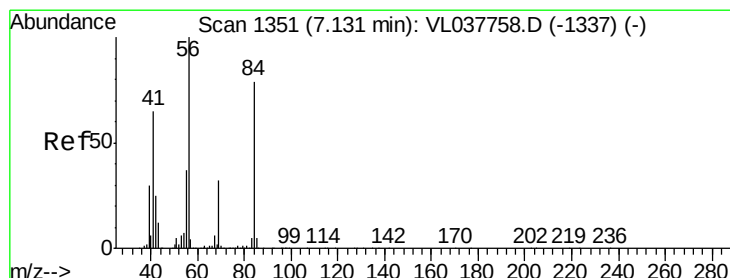
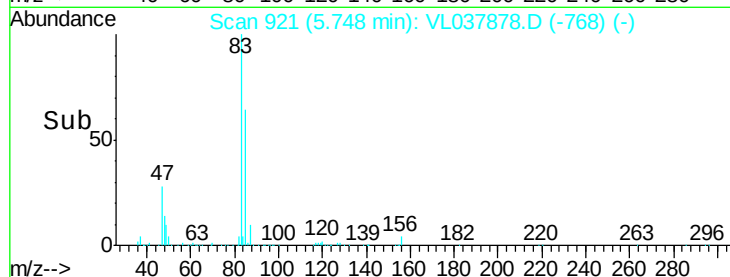
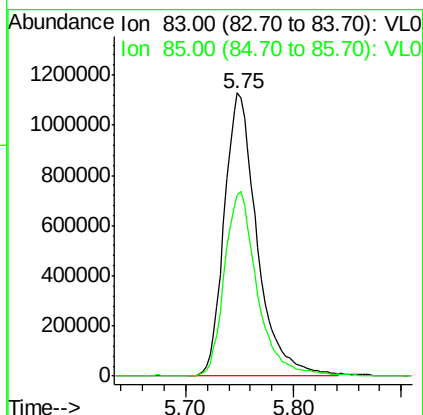
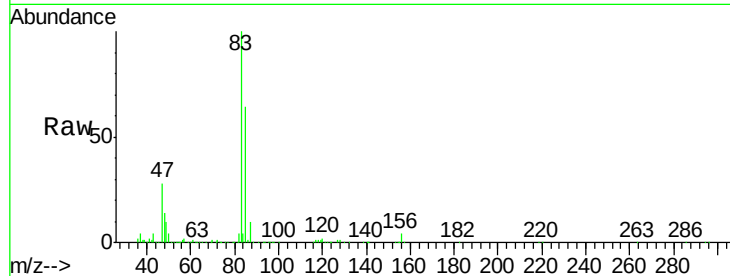
Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





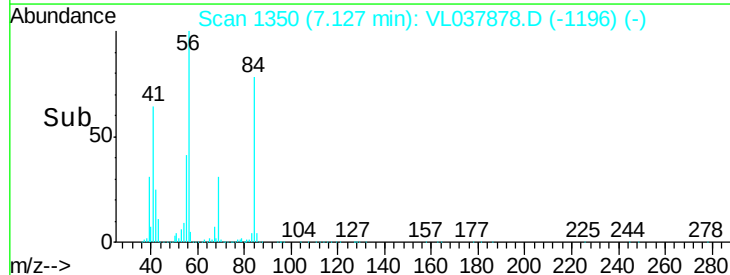
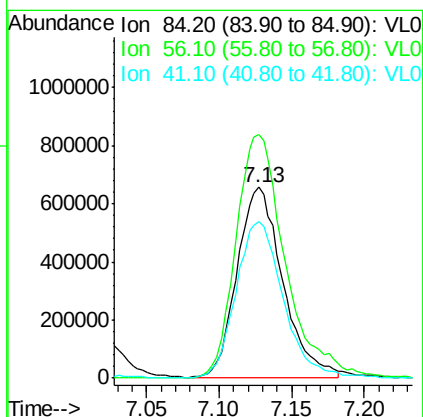
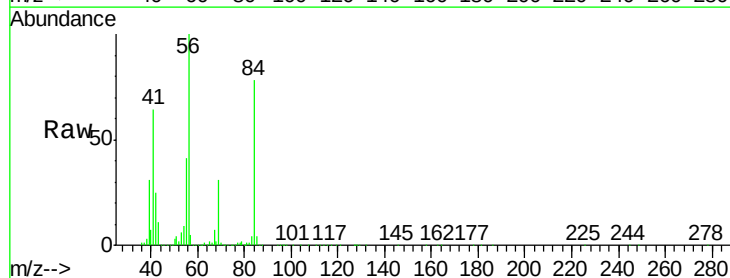
#29
Chloroform
Concen: 10.733 ppbv
RT: 5.75
Instrument: MSVOA_L
Delta R.T.:
Lab File: ClientSampleId:
Acq: 20 Oct 2021 8:31

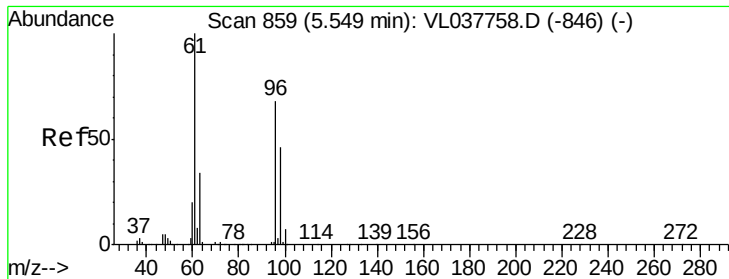
Tgt Ion: 83 Resp: 2392819
Ion Ratio Lower Upper
83 100
85 63.9 51.8 77.8



#30
Cyclohexane
Concen: 10.789 ppbv
RT: 7.13 min Scan# 1350
Delta R.T.: -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 84 Resp: 1426831
Ion Ratio Lower Upper
84 100
56 140.3 113.0 169.4
41 85.5 69.1 103.7





#31

cis-1,2-Dichloroethene

Concen: 10.891 ppbv

RT: 5.55 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31 VSTDCCC010

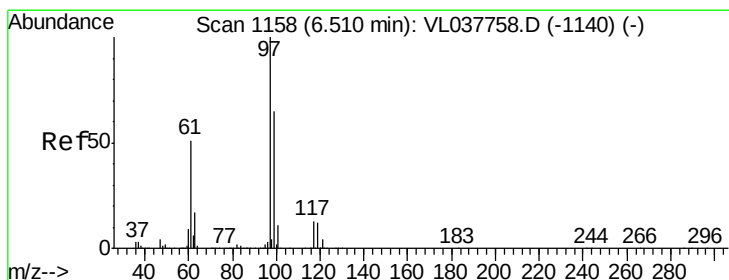
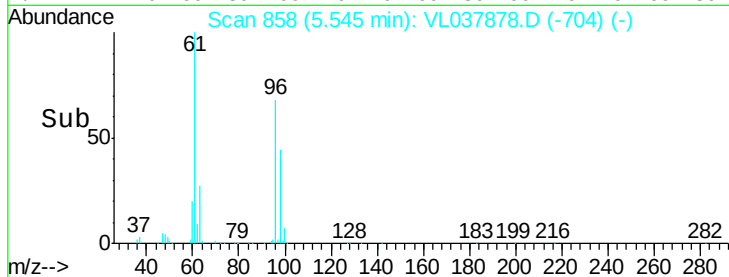
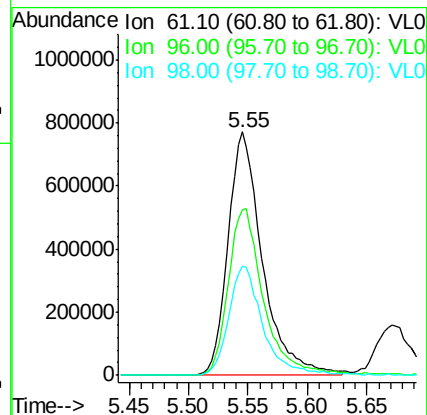
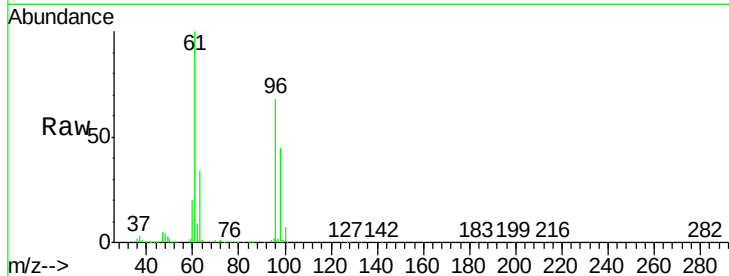
Tgt Ion: 61 Resp: 1542065

Ion Ratio Lower Upper

61 100

96 67.8 54.2 81.2

98 44.9 36.6 54.8



#32

1,1,1-Trichloroethane

Concen: 10.674 ppbv

RT: 6.51 min Scan# 1157

Delta R.T. -0.00 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

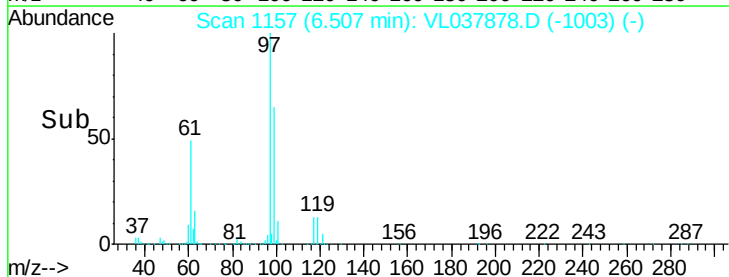
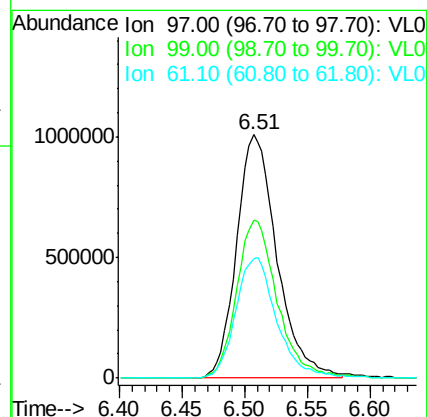
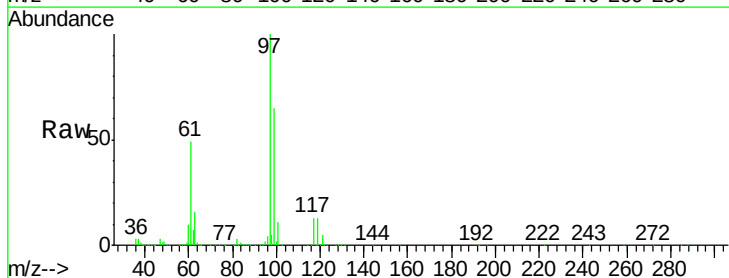
Tgt Ion: 97 Resp: 2255928

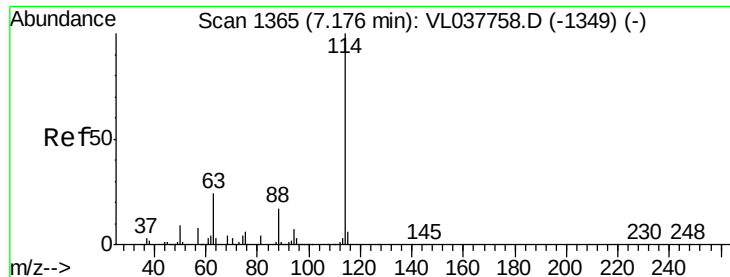
Ion Ratio Lower Upper

97 100

99 65.9 52.6 78.8

61 50.6 40.2 60.4

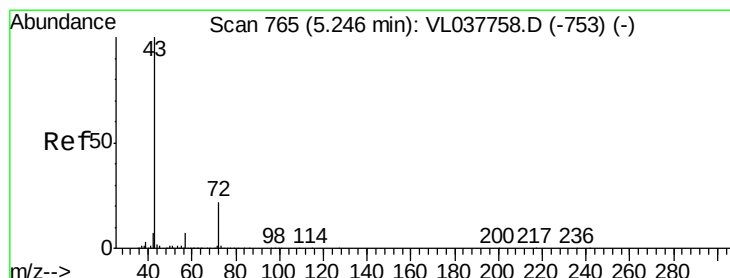
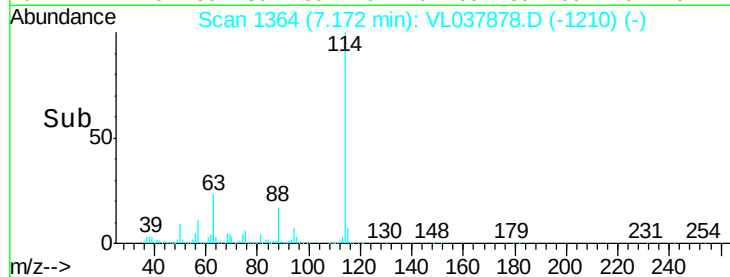
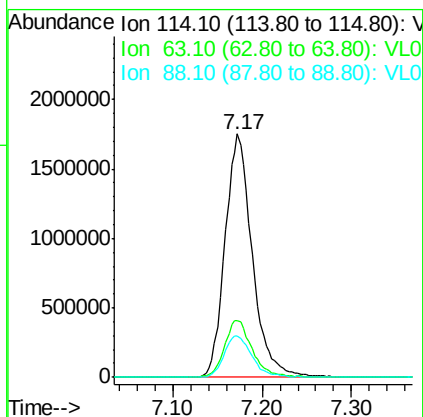
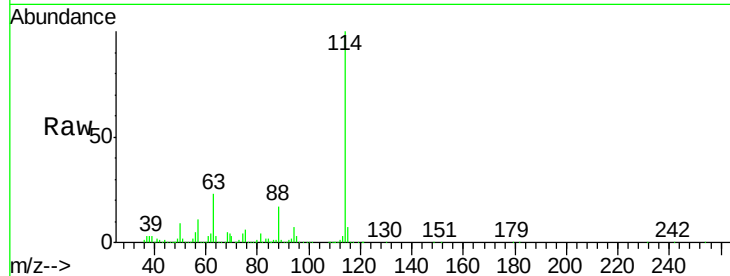




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tgt Ion: 114 Resp: 3710491

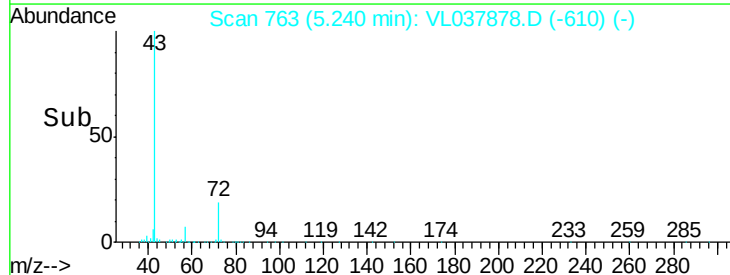
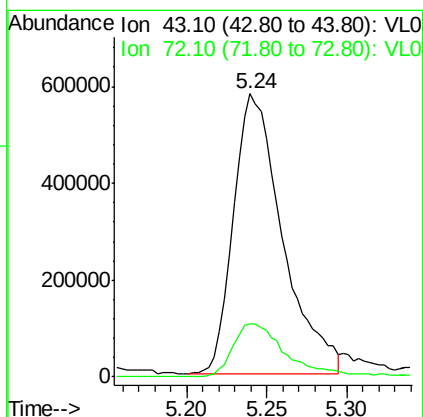
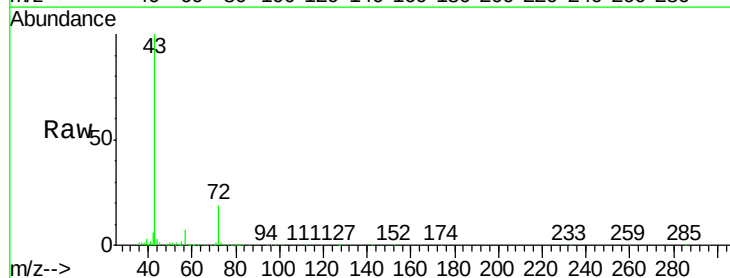
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.4	29.2
88	17.5	14.4	21.6

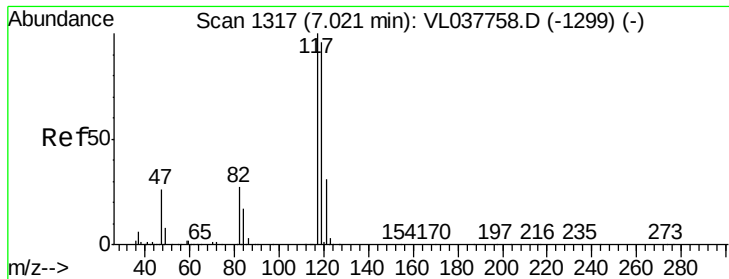


#34
 2-Butanone
 Concen: 8.089 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 1211728

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.2	27.2

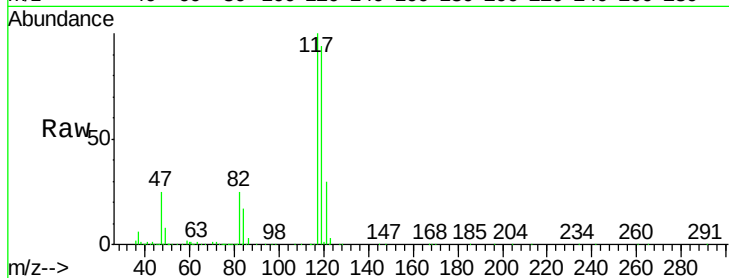




#35
Carbon Tetrachloride
Concen: 11.281 ppbv
RT: 7.01
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

Tgt Ion: 117 Resp: 2377313

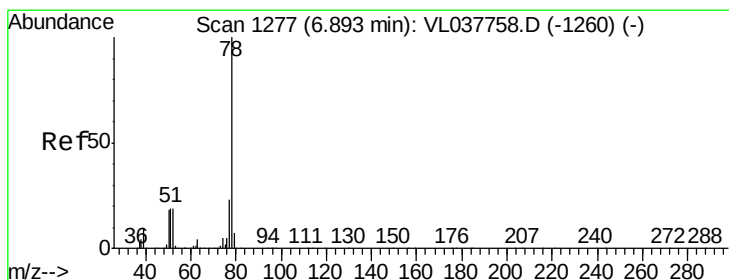
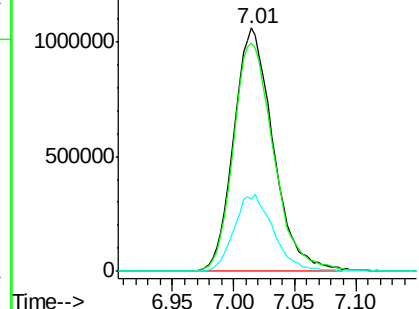
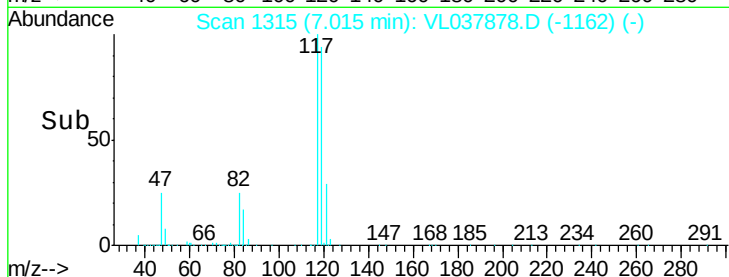
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	114.7
121	29.7	24.9	37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

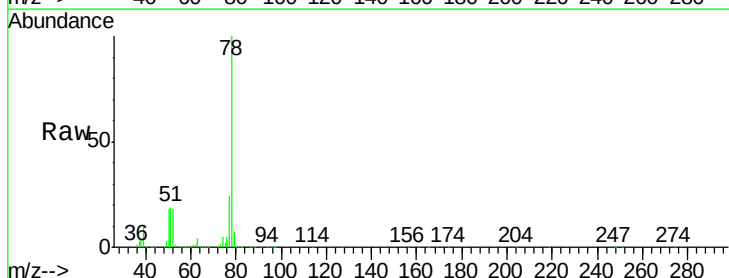
Ion 121.00 (120.70 to 121.70): V



#36
Benzene
Concen: 11.128 ppbv
RT: 6.89 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 78 Resp: 3526855

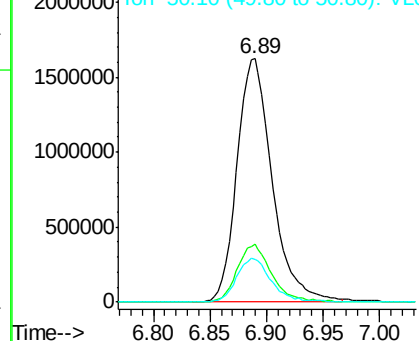
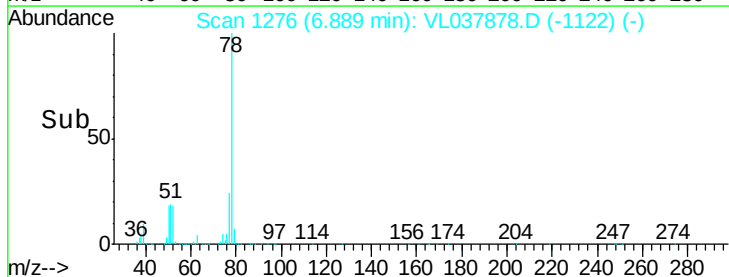
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2
50	17.5	14.7	22.1

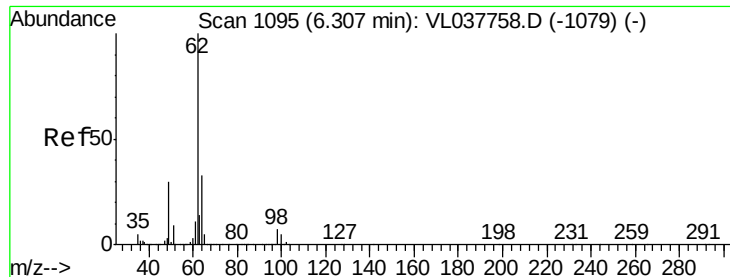


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

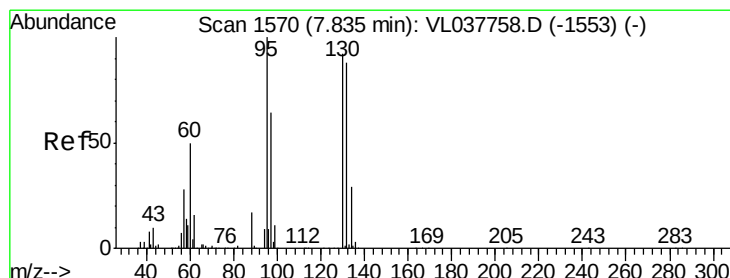
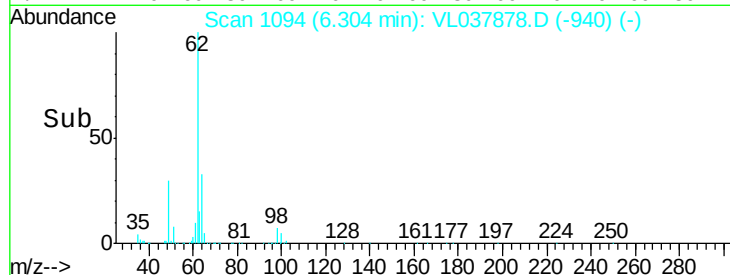
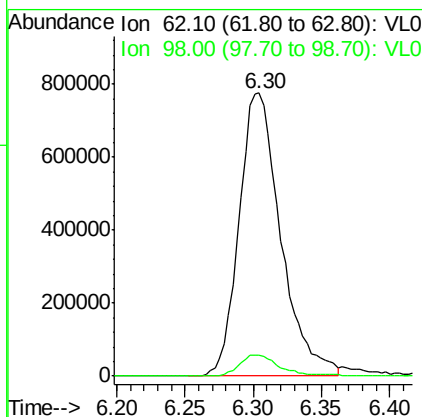
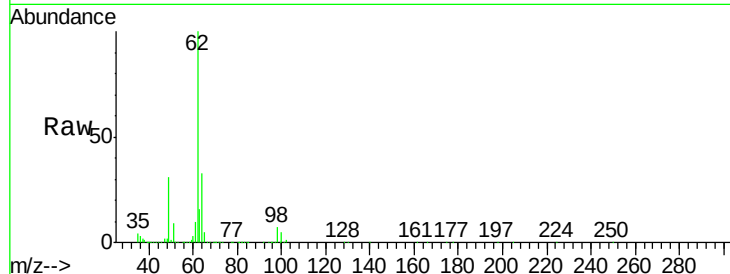
Ion 50.10 (49.80 to 50.80): VL0





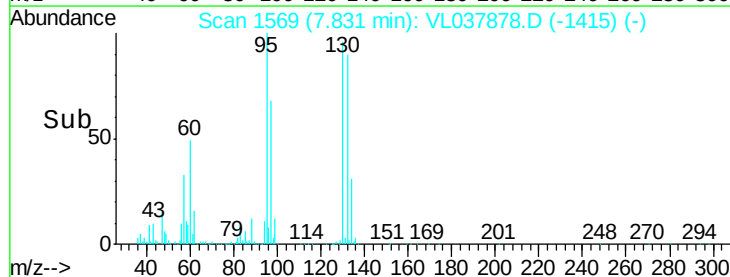
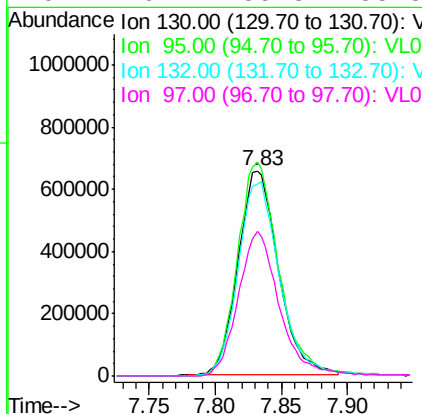
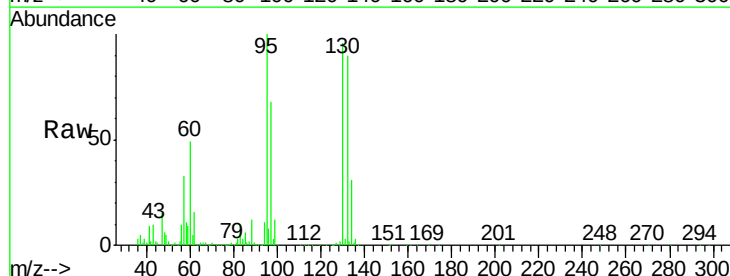
#37
 1,2-Dichloroethane
 Concen: 11.045 ppbv
 RT: 6.30
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

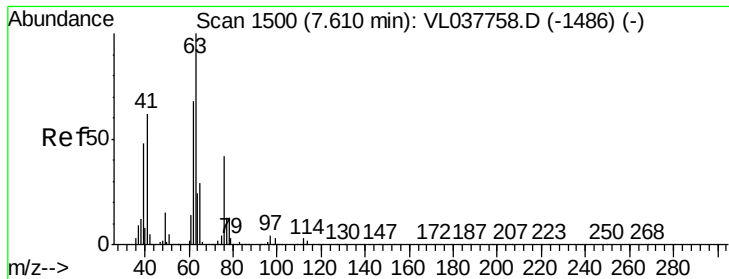
Tgt Ion: 62 Resp: 1648212
 Ion Ratio Lower Upper
 62 100
 98 7.6 6.1 9.1



#38
 Trichloroethene
 Concen: 11.166 ppbv
 RT: 7.83 min Scan# 1569
 Delta R.T.: -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 130 Resp: 1398082
 Ion Ratio Lower Upper
 130 100
 95 104.5 87.4 131.0
 132 94.2 76.8 115.2
 97 70.7 55.8 83.8

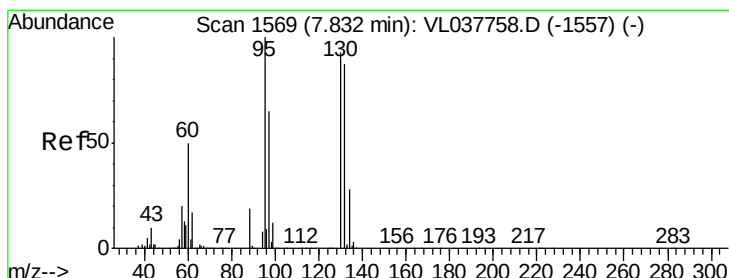
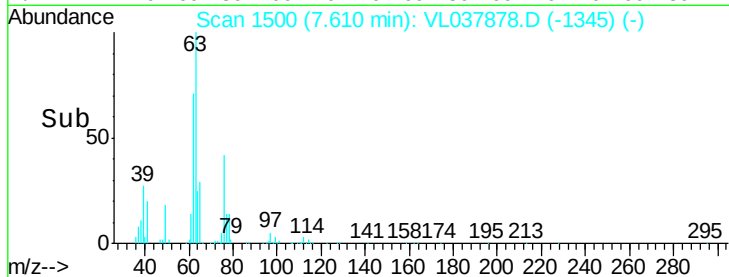
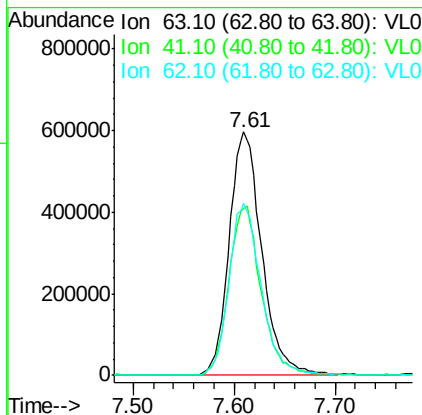
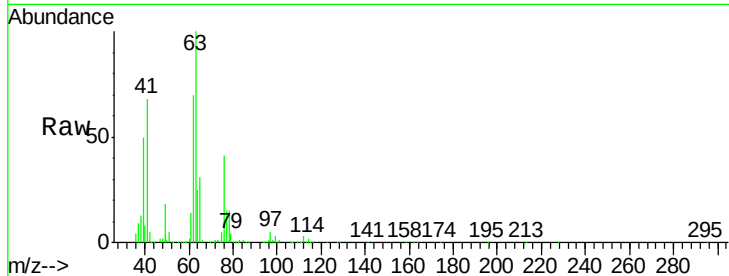




#39
 1,2-Dichloropropane
 Concen: 11.238 ppbv
 RT: 7.61
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tgt Ion: 63 Resp: 1339636

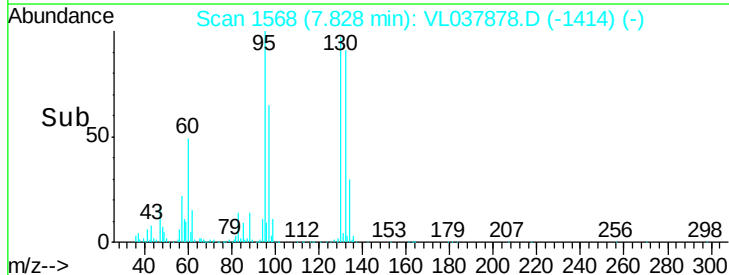
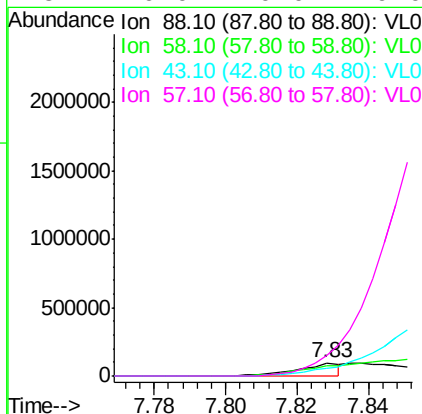
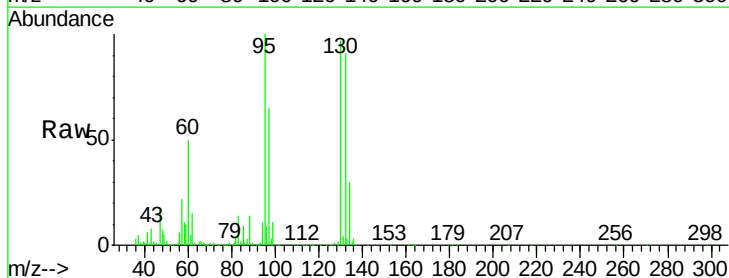
Ion	Ratio	Lower	Upper
63	100		
41	68.0	49.8	74.6
62	70.2	54.6	82.0

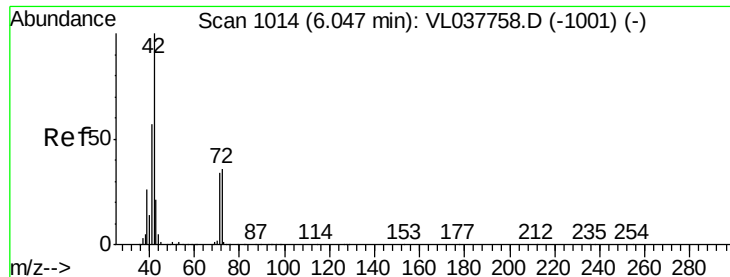


#40
 1,4-Dioxane
 Concen: 2.574 ppbv
 RT: 7.83 min Scan# 1568
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 88 Resp: 76793

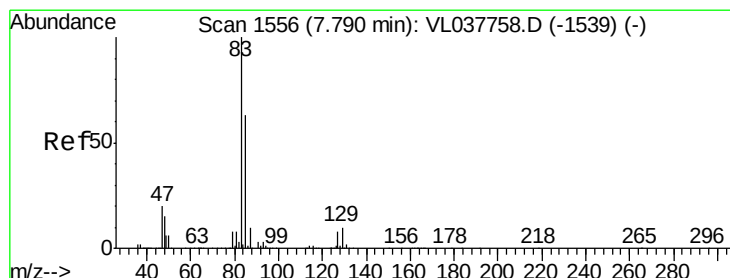
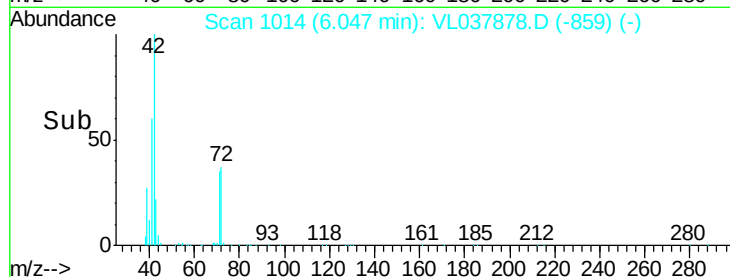
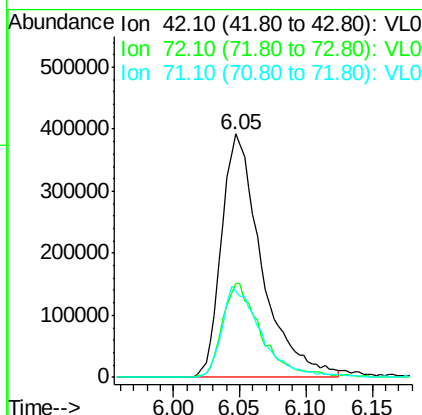
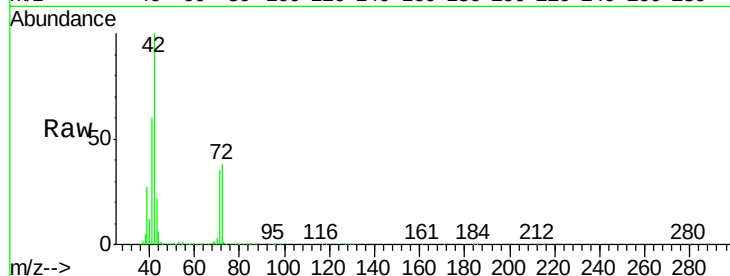
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





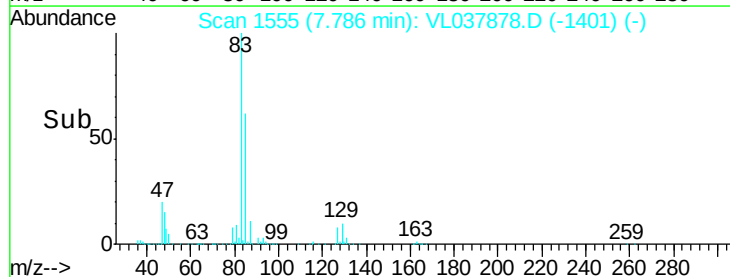
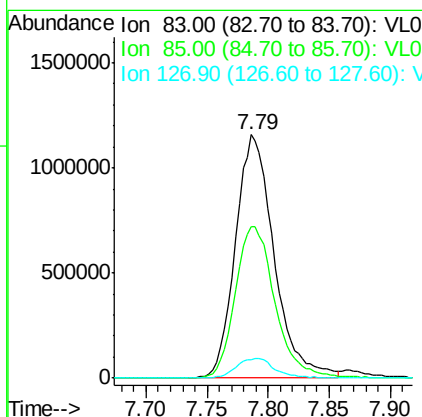
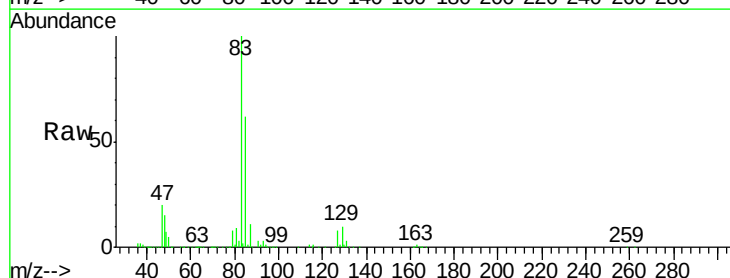
#41
 Tetrahydrofuran
 Concen: 11.208 ppbv
 RT: 6.05
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

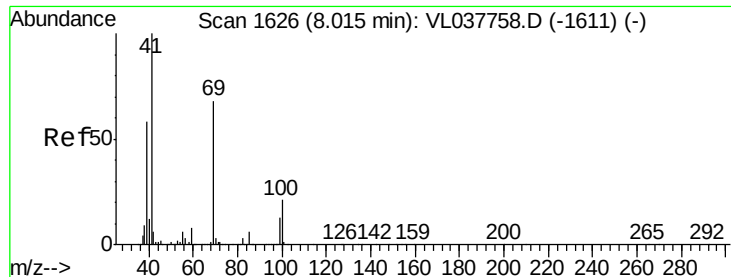
Tgt Ion: 42 Resp: 822131
 Ion Ratio Lower Upper
 42 100
 72 38.4 31.9 47.9
 71 37.3 30.3 45.5



#42
 Bromodichloromethane
 Concen: 11.587 ppbv
 RT: 7.79 min Scan# 1555
 Delta R.T.: -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 83 Resp: 2539834
 Ion Ratio Lower Upper
 83 100
 85 62.4 50.6 75.8
 127 7.8 6.2 9.4





#43

Methyl Methacrylate

Concen: 12.031 ppbv

RT: 8.01

Instrument: MSVOA_L

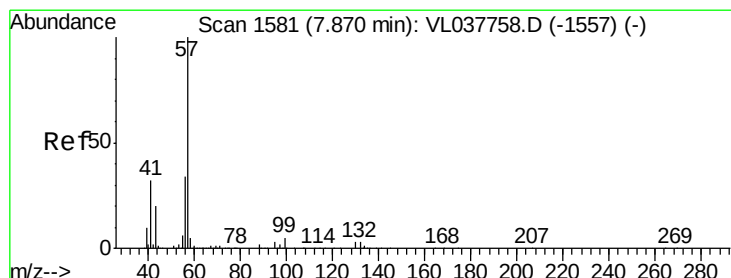
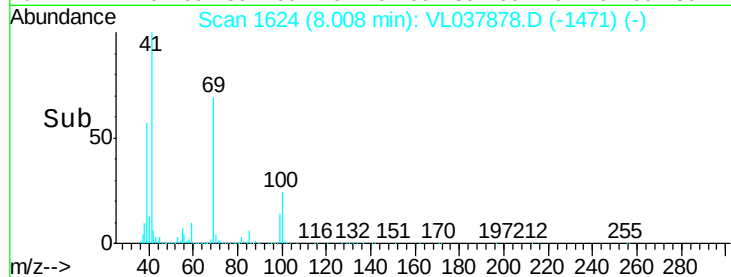
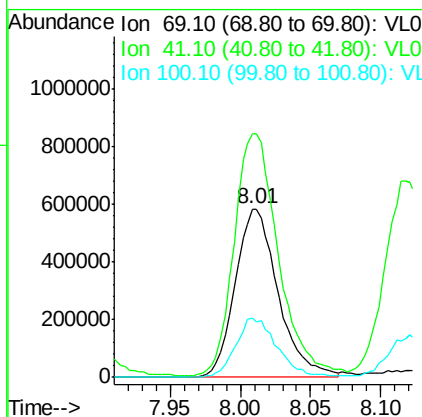
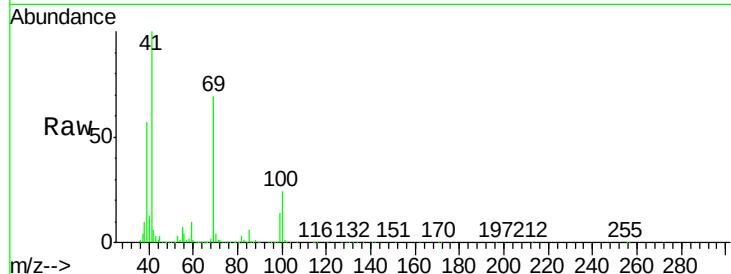
Delta R.T.

Lab File: ClientSampleId: VSTDCCC010

Acq: 20 Oct 2021 8:31

Tgt Ion: 69 Resp: 1245445

Ion	Ratio	Lower	Upper
69	100		
41	150.3	121.0	181.4
100	34.5	27.7	41.5



#44

2,2,4-Trimethylpentane

Concen: 11.083 ppbv

RT: 7.86 min Scan# 1579

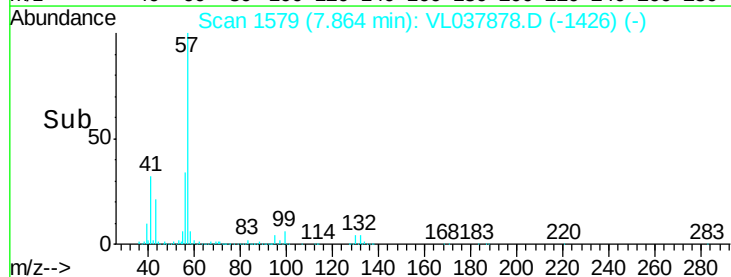
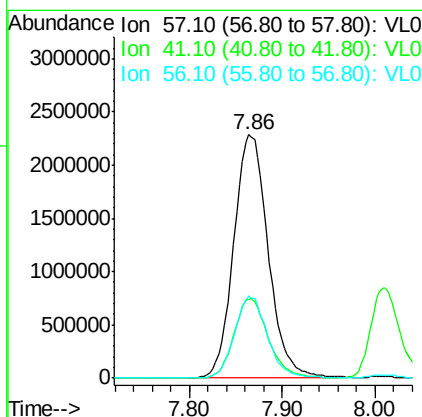
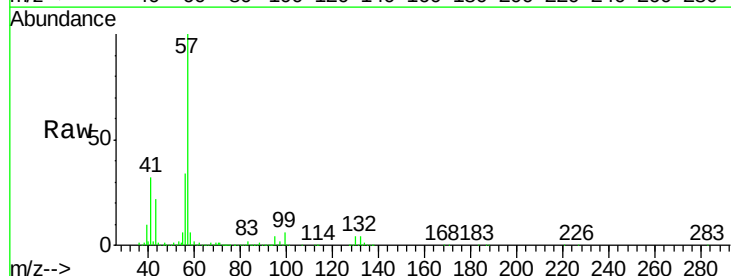
Delta R.T. -0.01 min

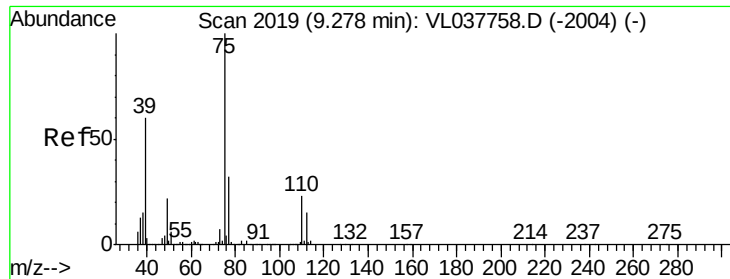
Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion: 57 Resp: 5901163

Ion	Ratio	Lower	Upper
57	100		
41	32.4	25.6	38.4
56	32.3	25.5	38.3





#45

t-1,3-Dichloropropene

Concen: 13.148 ppbv

RT: 9.27 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VSTDCCC010

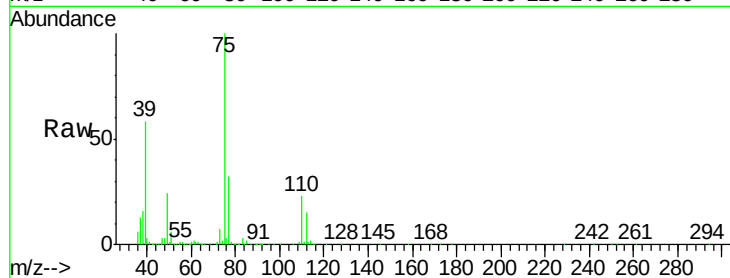
Acq: 20 Oct 2021 8:31

Tgt Ion: 75 Resp: 936461

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



Abundance Ion 75.10 (74.80 to 75.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

9.27

500000

400000

300000

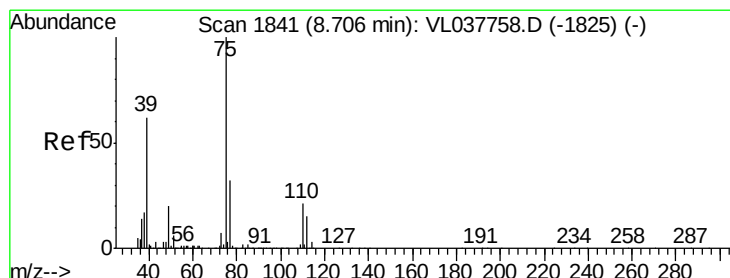
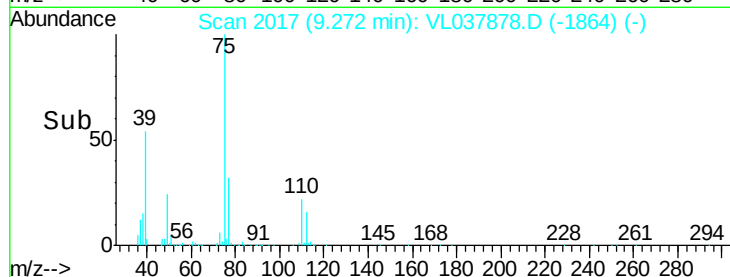
200000

100000

0

Time-->

9.20 9.25 9.30 9.35



#46

cis-1,3-Dichloropropene

Concen: 12.845 ppbv

RT: 8.70 min Scan# 1839

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

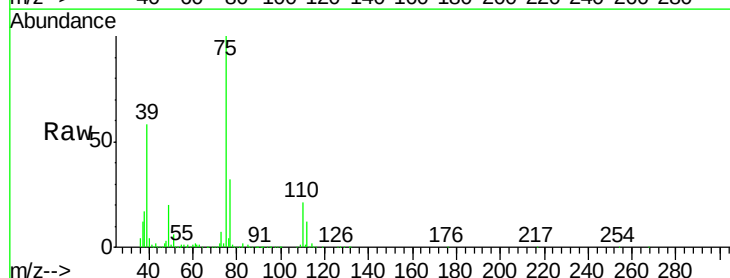
Tgt Ion: 75 Resp: 1268074

Ion Ratio Lower Upper

75 100

39 58.4 49.9 74.9

77 32.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VL0

Ion 39.00 (38.70 to 39.70): VL0

Ion 77.00 (76.70 to 77.70): VL0

800000

600000

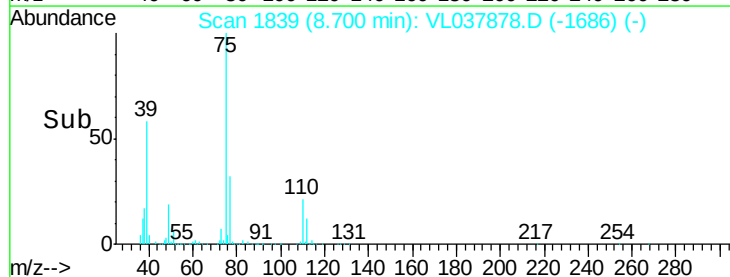
400000

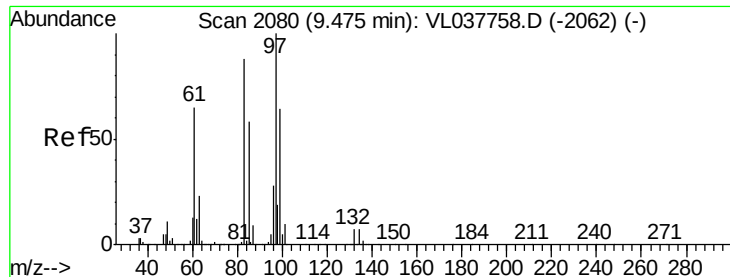
200000

0

Time-->

8.60 8.65 8.70 8.75 8.80

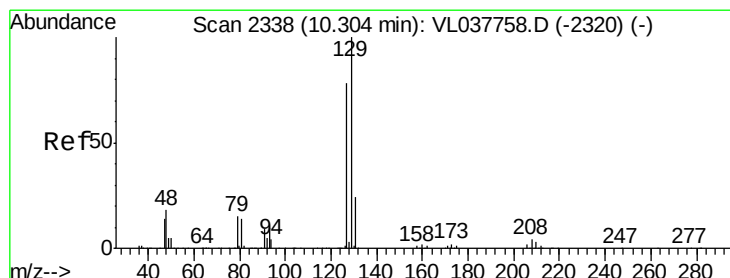
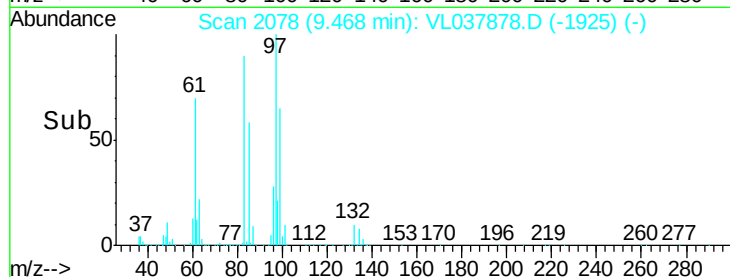
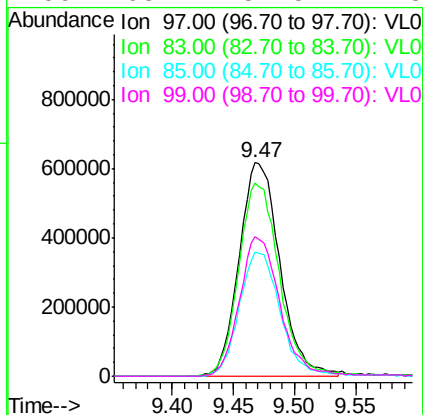
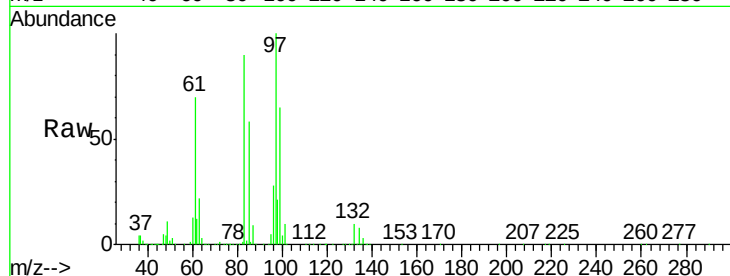




#47
 1,1,2-Trichloroethane
 Concen: 10.989 ppbv
 RT: 9.47 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tgt Ion: 97 Resp: 1424059

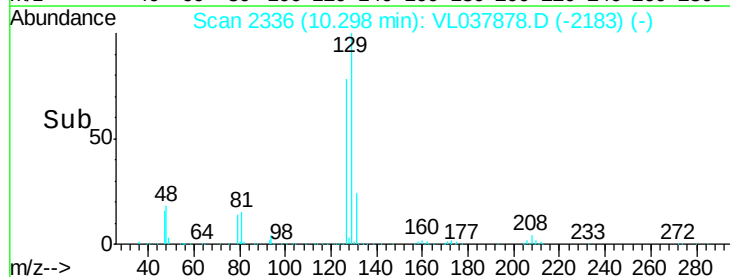
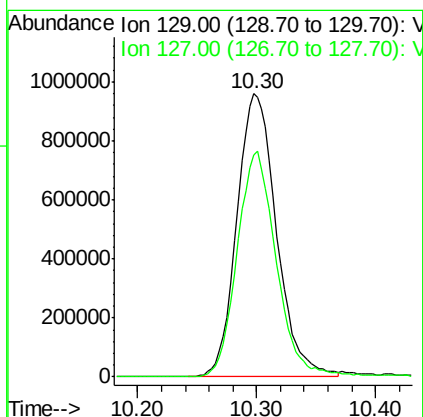
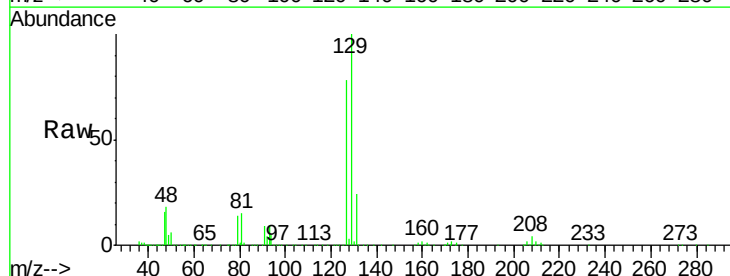
Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.6	105.8
85	58.1	45.9	68.9
99	65.1	51.5	77.3

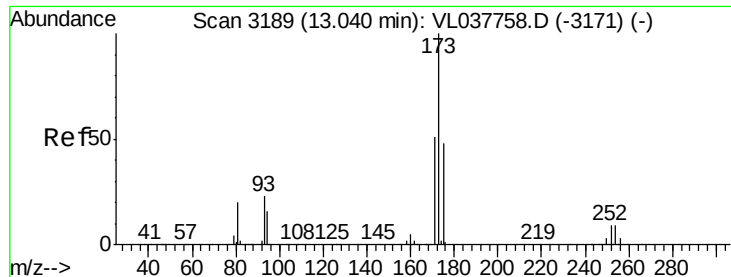


#48
 Dibromochloromethane
 Concen: 11.985 ppbv
 RT: 10.30 min Scan# 2336
 Delta R.T.: -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 129 Resp: 2214099

Ion	Ratio	Lower	Upper
129	100		
127	79.4	39.5	118.5





#49

Bromoform

Concen: 12.427 ppbv

RT: 13.04

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 20 Oct 2021 8:31

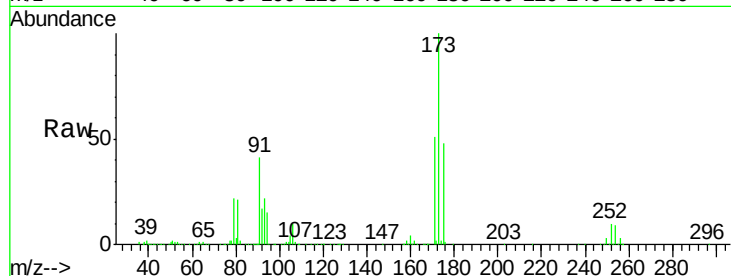
Tgt Ion:173 Resp: 1756586

Ion Ratio Lower Upper

173 100

175 52.4 39.9 59.9

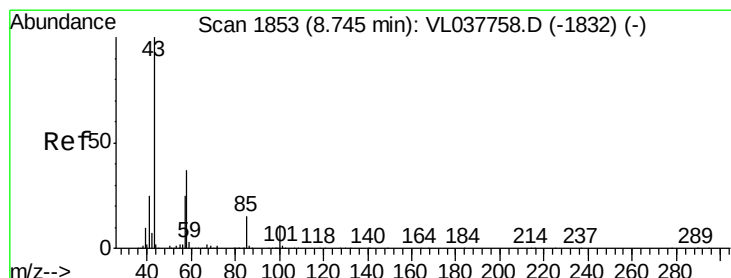
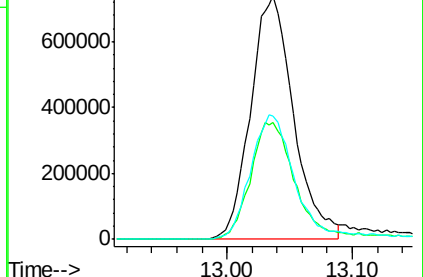
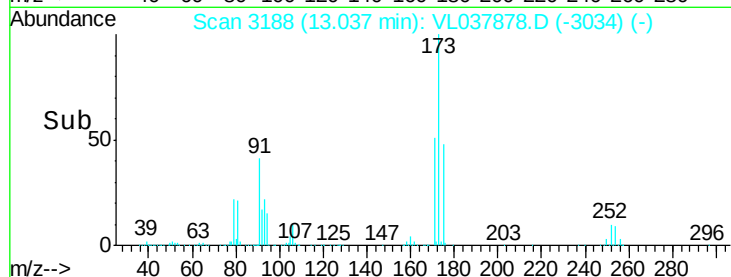
171 56.4 43.4 65.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 170.90 (170.60 to 171.60): V



#50

4-Methyl-2-Pentanone

Concen: 11.919 ppbv

RT: 8.74 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VL037878.D

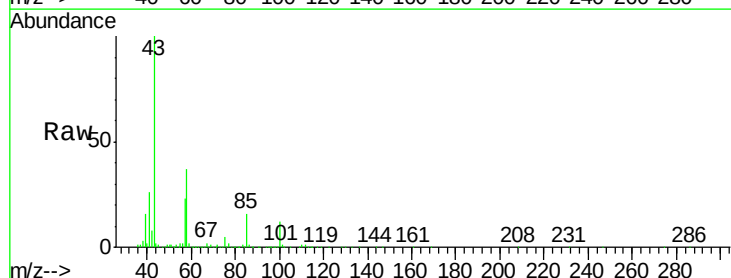
Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 2324217

Ion Ratio Lower Upper

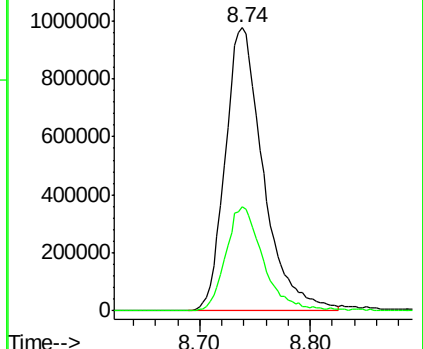
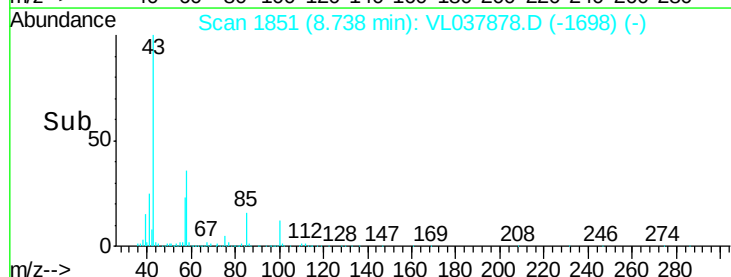
43 100

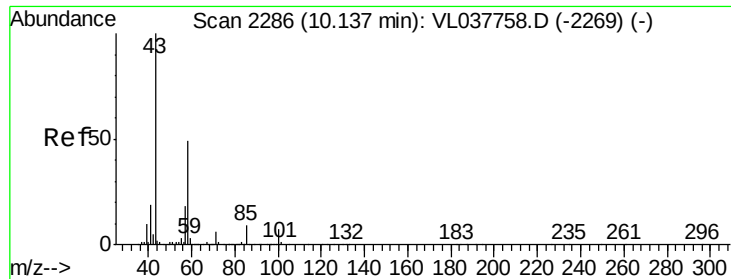
58 36.5 29.4 44.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

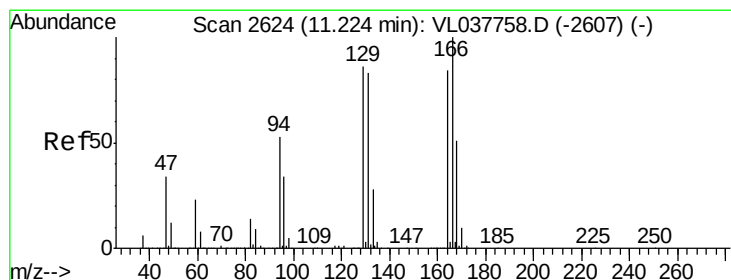
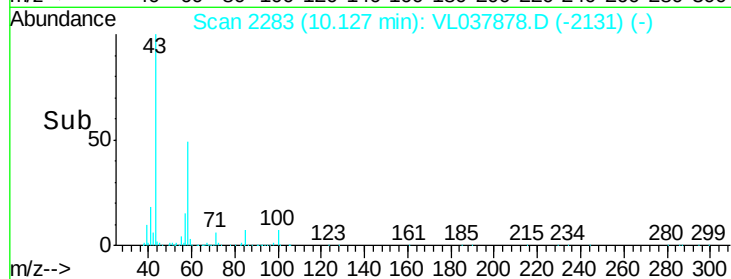
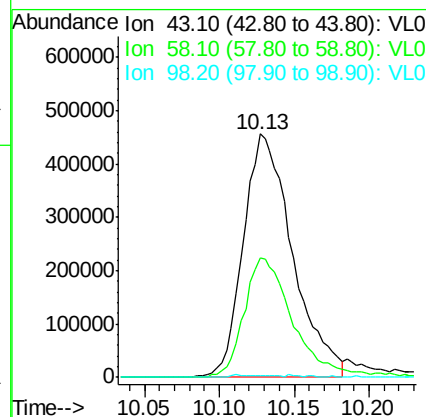
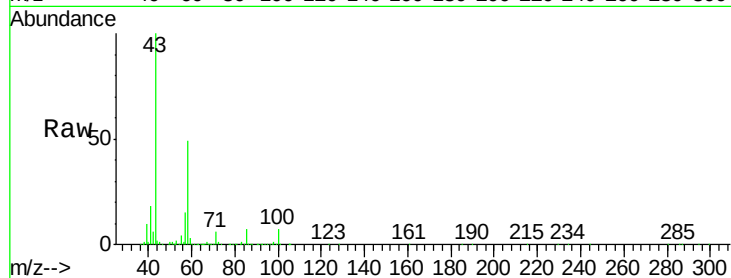




#51
2-Hexanone
Concen: 11.972 ppbv
RT: 10.13
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

Tgt Ion: 43 Resp: 1042181

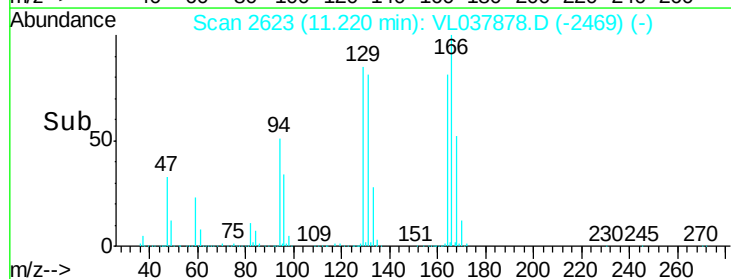
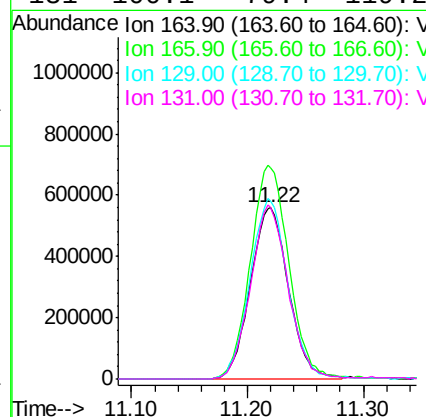
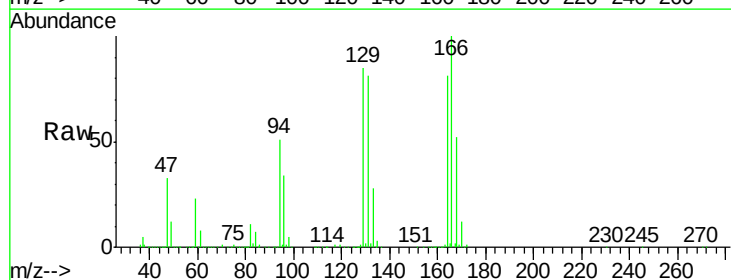
Ion	Ratio	Lower	Upper
43	100		
58	50.0	39.4	59.0
98	0.8	0.3	0.5#

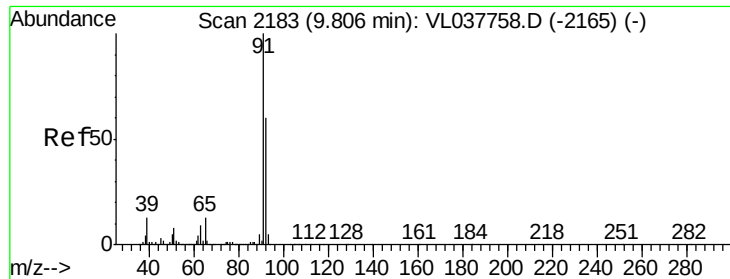


#52
Tetrachloroethene
Concen: 10.361 ppbv
RT: 11.22 min Scan# 2623
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 164 Resp: 1277521

Ion	Ratio	Lower	Upper
164	100		
166	122.9	95.4	143.2
129	104.0	82.2	123.4
131	100.1	79.4	119.2





#53

Toluene

Concen: 11.587 ppbv

RT: 9.80 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

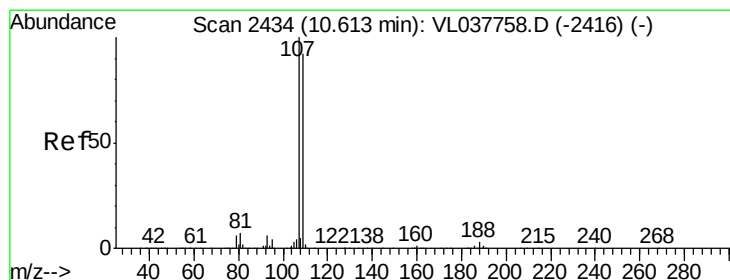
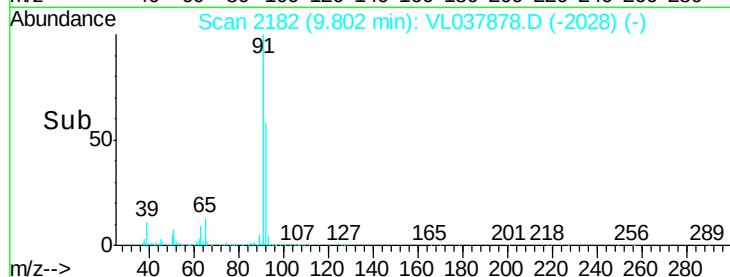
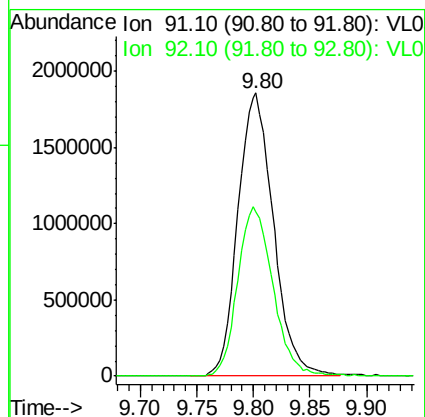
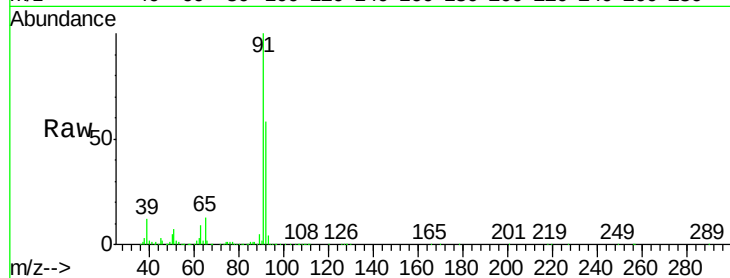
Acq: 20 Oct 2021 8:31 VSTDCCC010

Tgt Ion: 91 Resp: 4069629

Ion Ratio Lower Upper

91 100

92 59.6 48.4 72.6



#54

1,2-Dibromoethane

Concen: 11.076 ppbv

RT: 10.60 min Scan# 2431

Delta R.T. -0.01 min

Lab File: VL037878.D

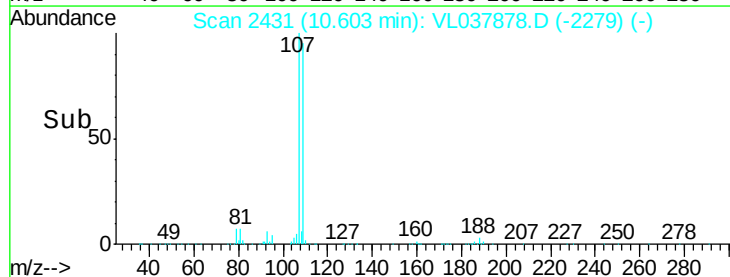
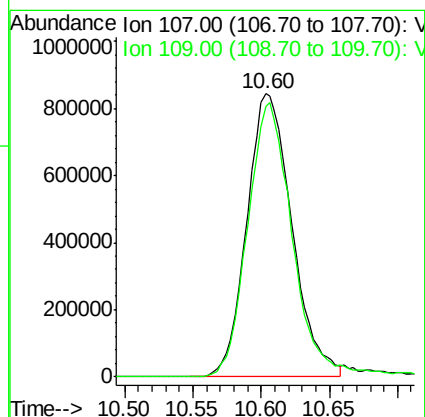
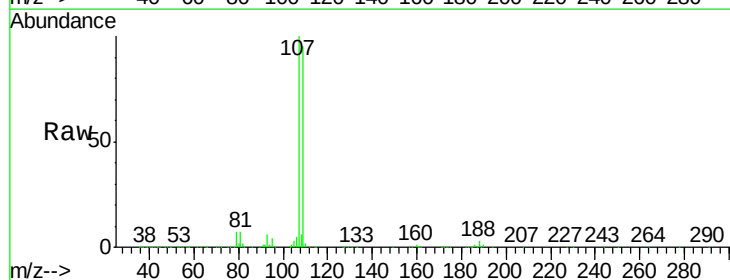
Acq: 20 Oct 2021 8:31

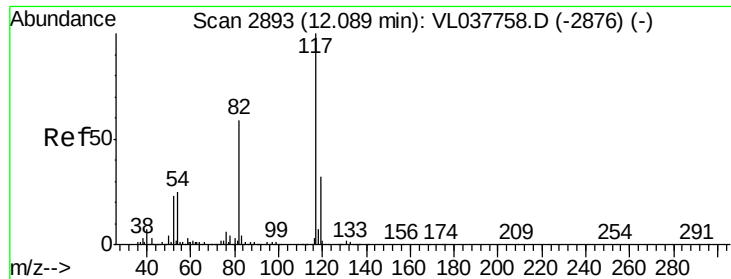
Tgt Ion: 107 Resp: 1938892

Ion Ratio Lower Upper

107 100

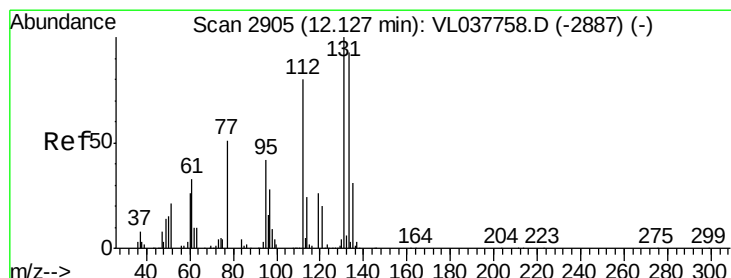
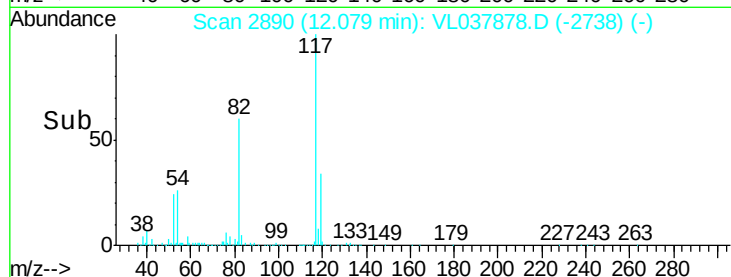
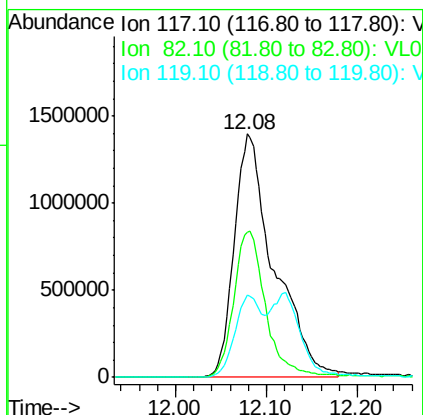
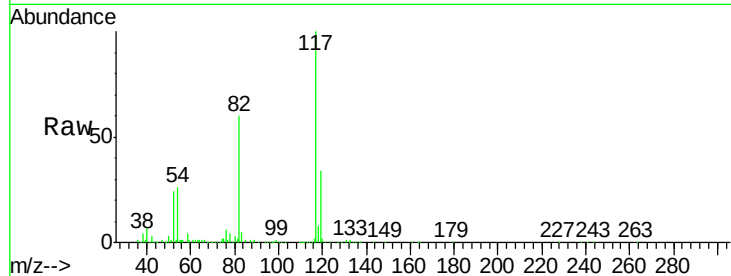
109 95.4 73.8 110.6





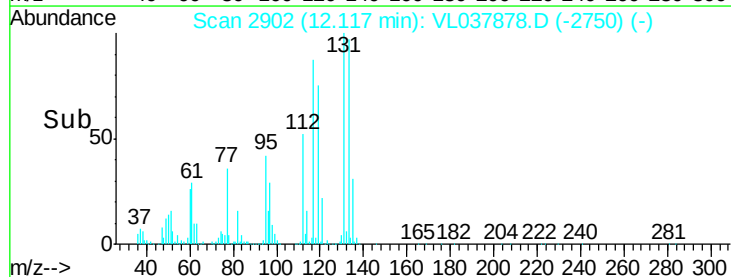
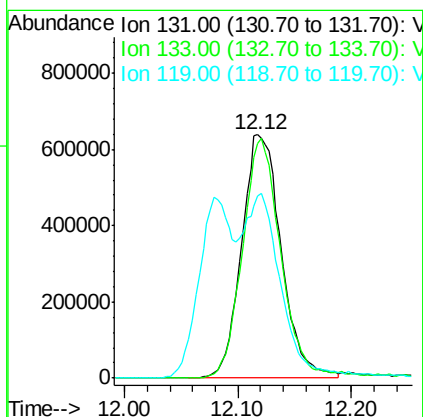
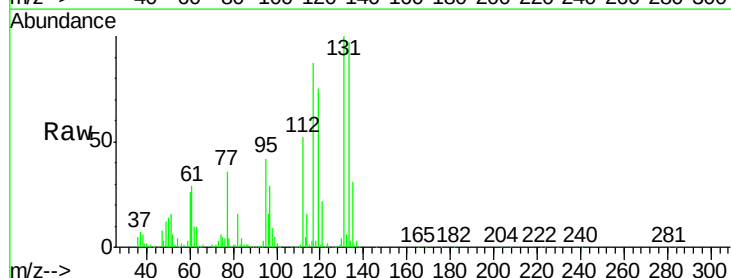
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

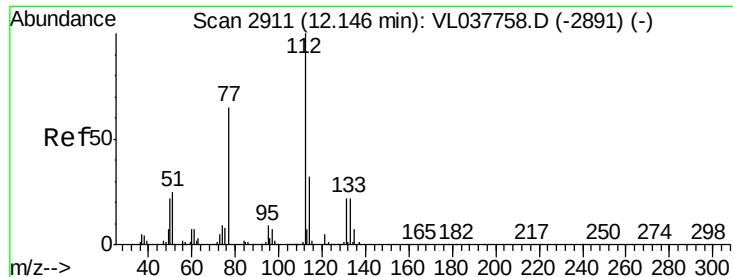
Tgt Ion: 117 Resp: 4248173
Ion Ratio Lower Upper
117 100
82 48.2 52.2 78.2#
119 21.2 26.0 39.0#



#56
1,1,1,2-Tetrachloroethane
Concen: 8.837 ppbv
RT: 12.12 min Scan# 2902
Delta R.T.: -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion: 131 Resp: 1554097
Ion Ratio Lower Upper
131 100
133 97.7 78.5 117.7
119 71.7 51.7 77.5





#57

Chlorobenzene

Concen: 8.608 ppbv

RT: 12.14 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

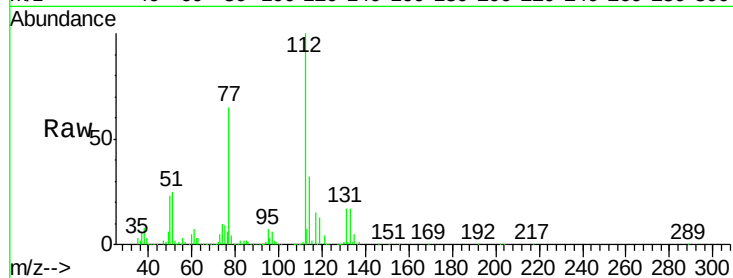
Tgt Ion: 112 Resp: 2999764

Ion Ratio Lower Upper

112 100

77 63.6 51.8 77.8

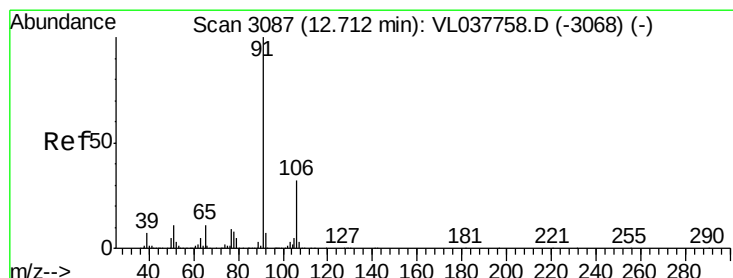
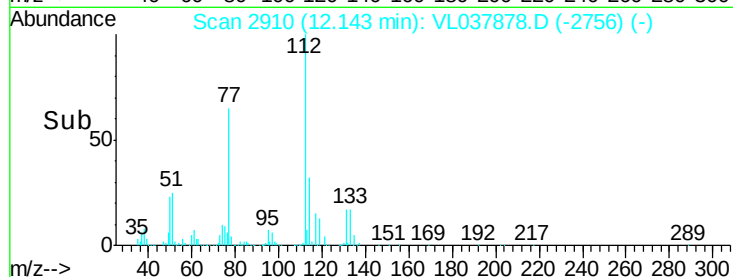
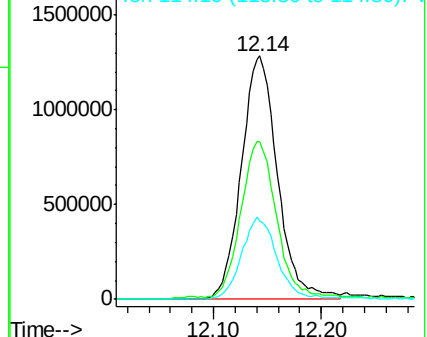
114 32.3 28.8 35.2



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 77.10 (76.80 to 77.80): VL0

Ion 114.10 (113.80 to 114.80): V



#58

Ethyl Benzene

Concen: 8.898 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL037878.D

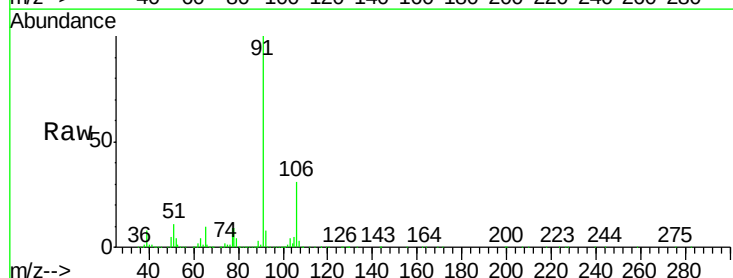
Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 5075574

Ion Ratio Lower Upper

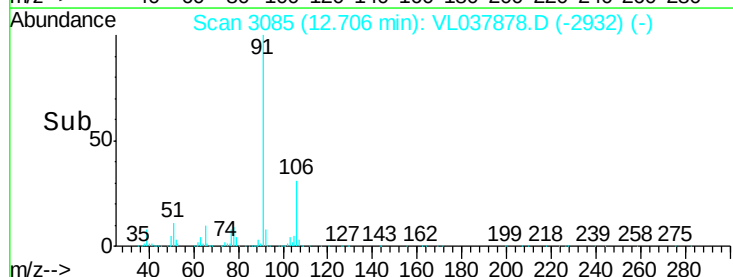
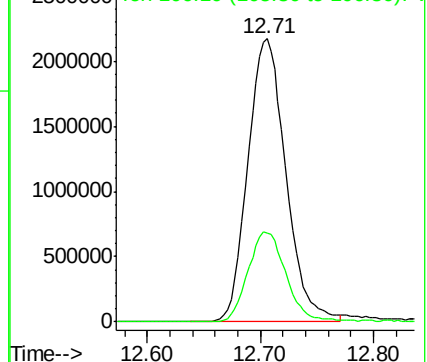
91 100

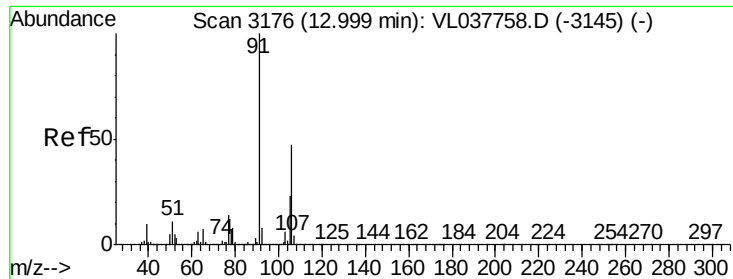
106 31.3 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

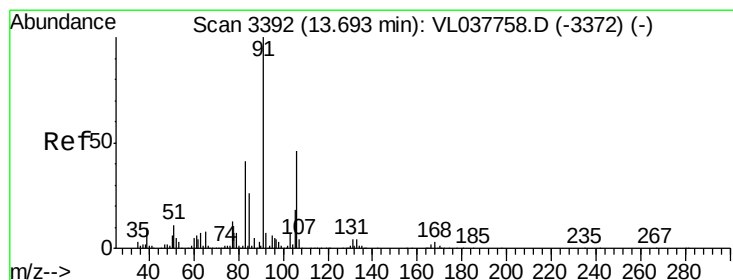
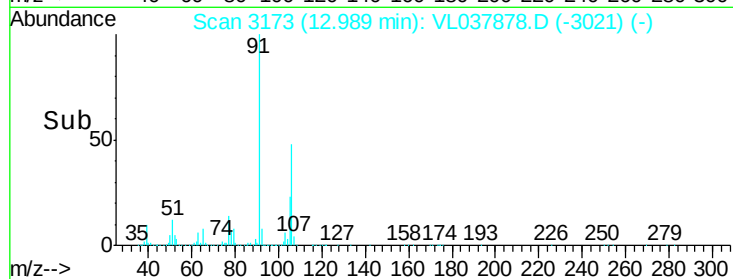
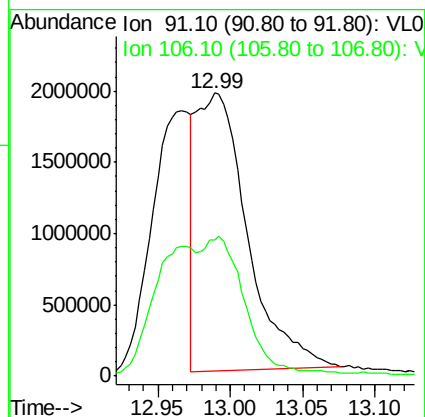
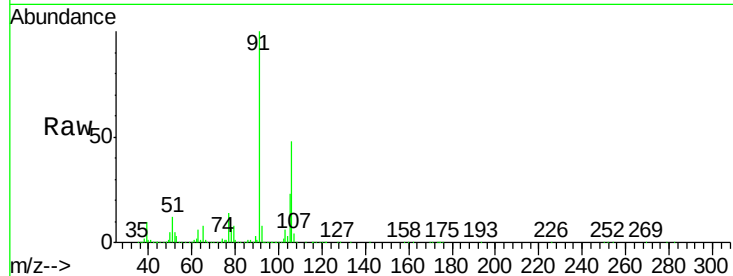
Ion 106.10 (105.80 to 106.80): V





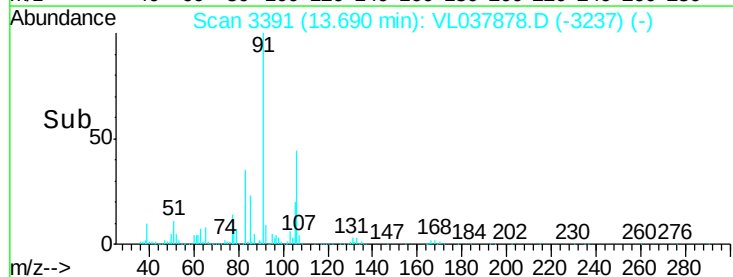
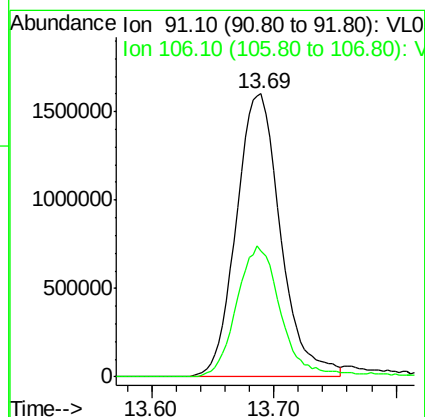
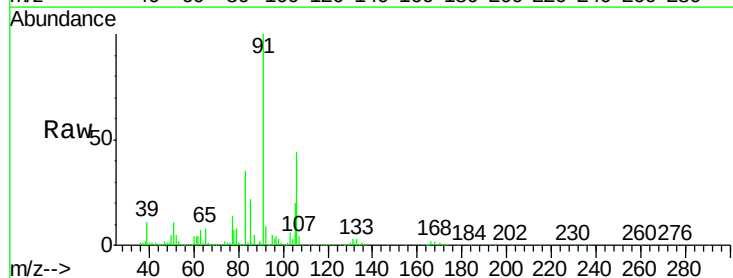
#59
m/p-Xylene
Concen: 9.721 ppbv
RT: 12.99 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

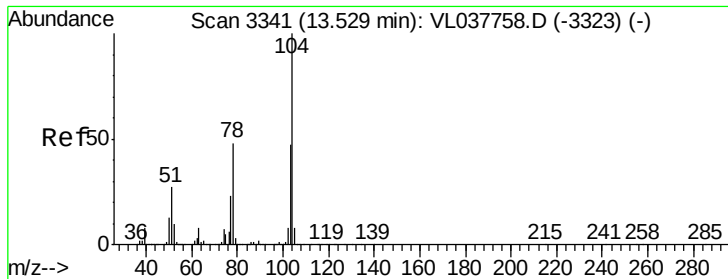
Tgt Ion: 91 Resp: 4760042
Ion Ratio Lower Upper
91 100
106 85.2 36.7 55.1#



#60
o-Xylene
Concen: 8.536 ppbv
RT: 13.69 min Scan# 3391
Delta R.T. -0.00 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

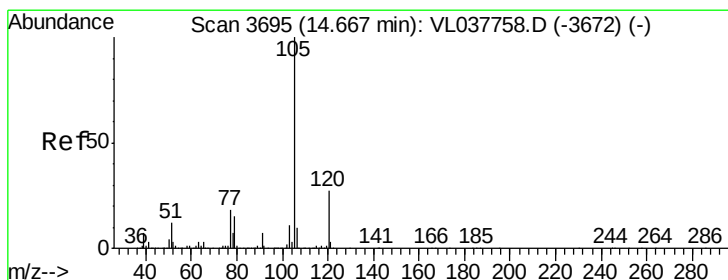
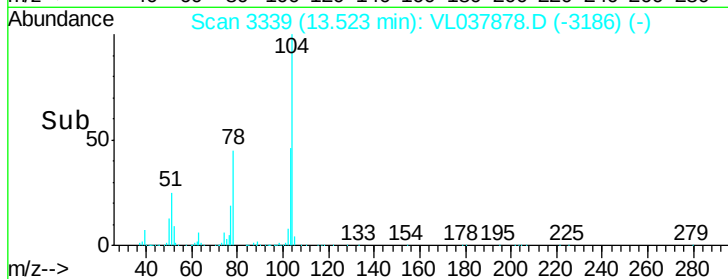
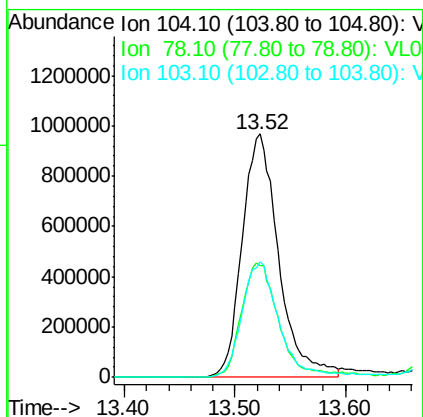
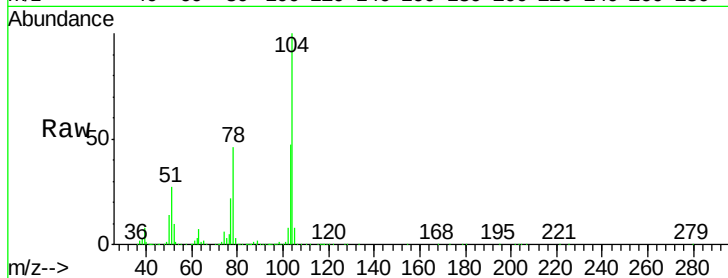
Tgt Ion: 91 Resp: 4005749
Ion Ratio Lower Upper
91 100
106 47.9 23.5 70.5





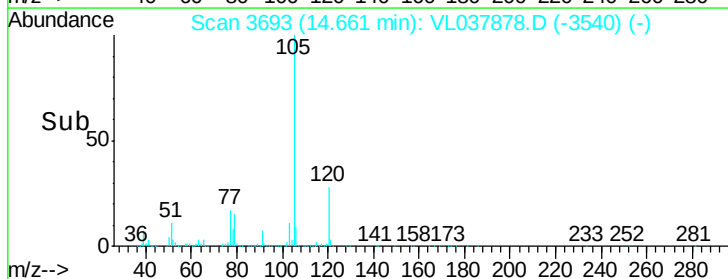
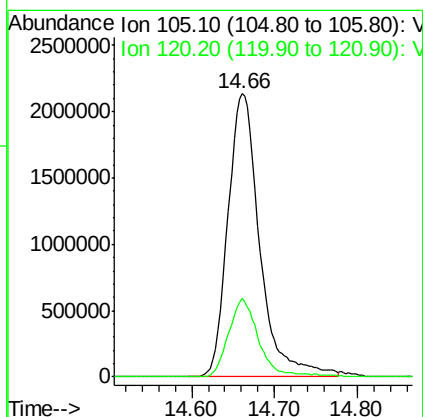
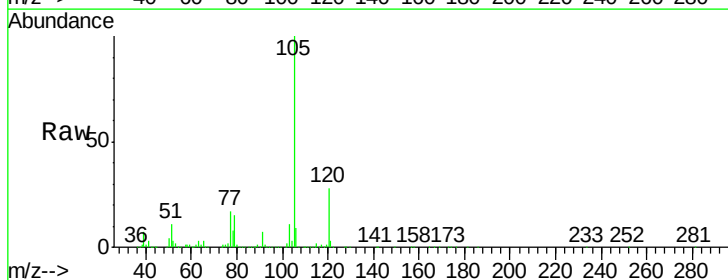
#61
Styrene
Concen: 9.787 ppbv
RT: 13.52
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 20 Oct 2021 8:31

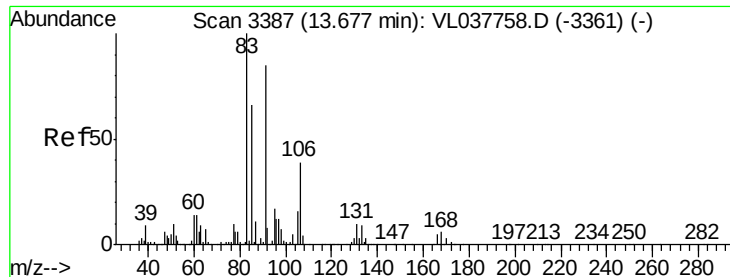
Tgt Ion:104 Resp: 2221569
Ion Ratio Lower Upper
104 100
78 49.2 40.6 61.0
103 48.6 39.6 59.4



#62
Isopropylbenzene
Concen: 8.747 ppbv
RT: 14.66 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion:105 Resp: 5725402
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9





#63

1,1,2,2-Tetrachloroethane

Concen: 7.868 ppbv

RT: 13.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 20 Oct 2021 8:31

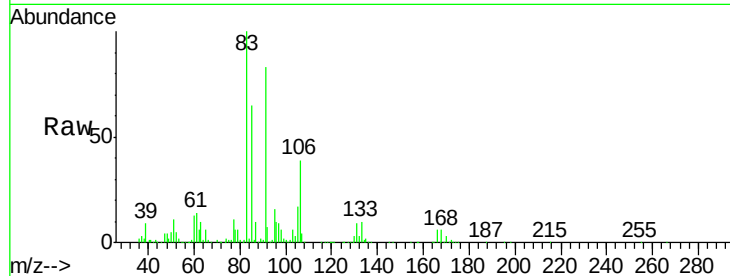
Tgt Ion: 83 Resp: 2849114

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

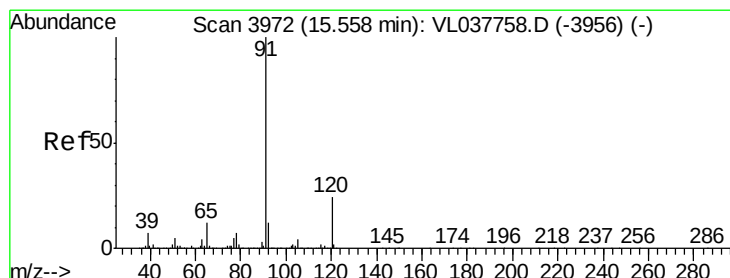
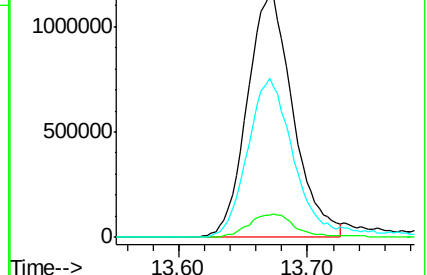
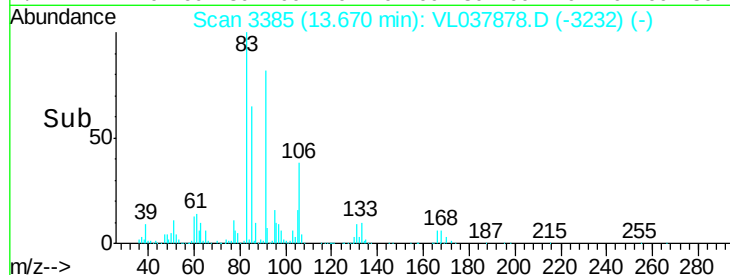
85 69.8 33.1 99.5



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): VL0

Ion 85.00 (84.70 to 85.70): VL0



#64

n-propylbenzene

Concen: 8.833 ppbv

RT: 15.55 min Scan# 3971

Delta R.T. -0.00 min

Lab File: VL037878.D

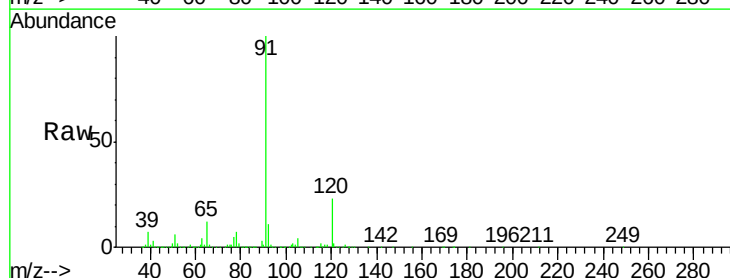
Acq: 20 Oct 2021 8:31

Tgt Ion: 120 Resp: 1441741

Ion Ratio Lower Upper

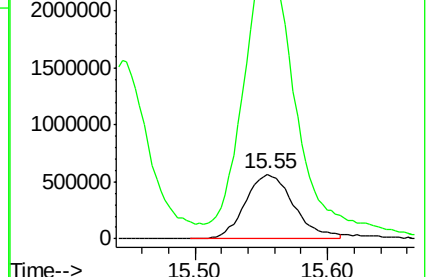
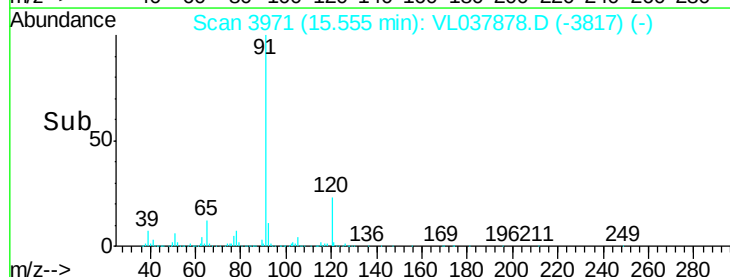
120 100

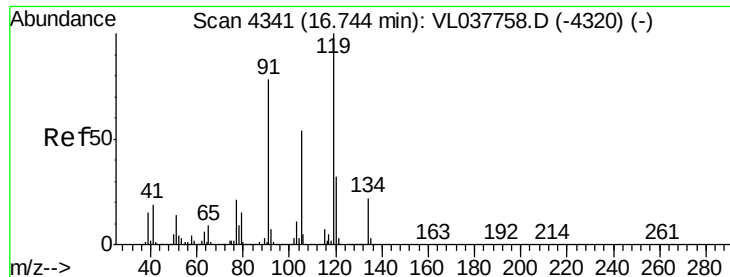
91 485.6 375.0 562.6



Abundance Ion 120.20 (119.90 to 120.90): VL0

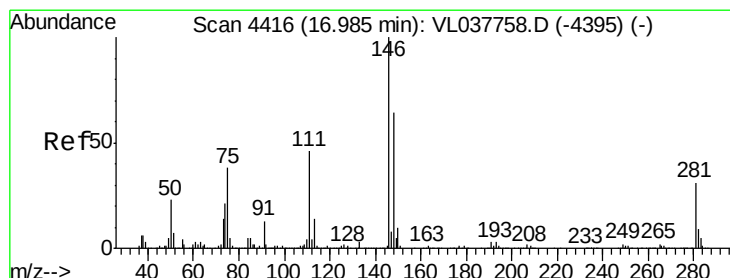
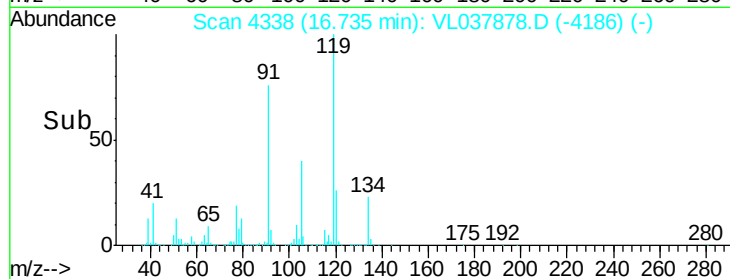
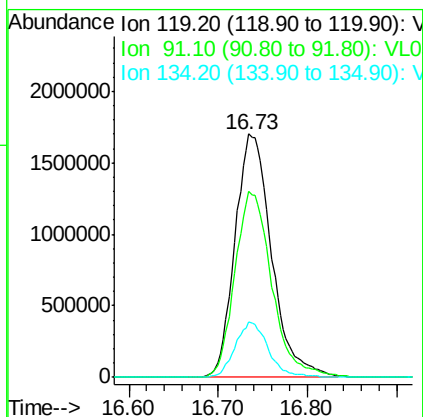
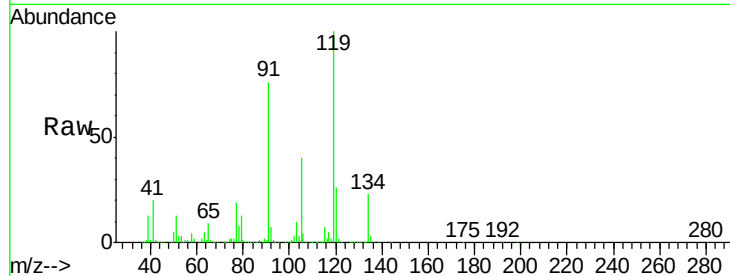
Ion 91.10 (90.80 to 91.80): VL0





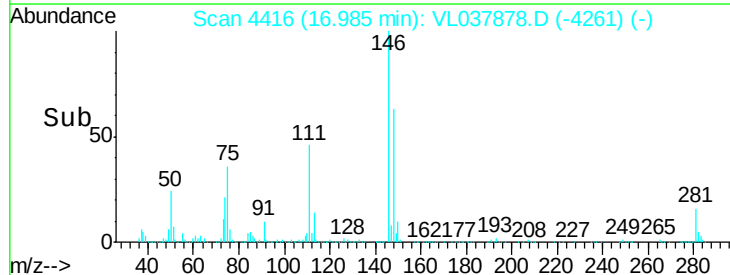
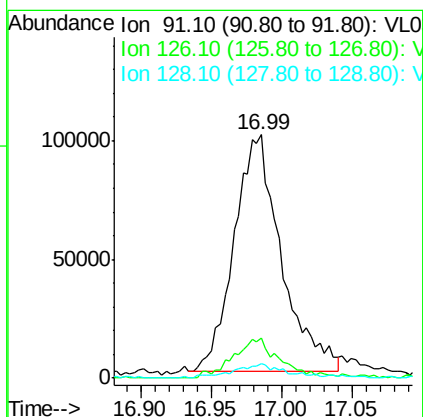
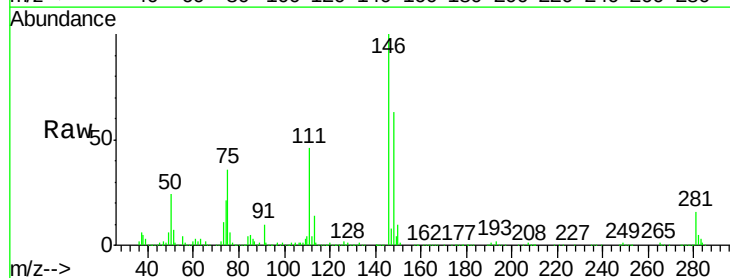
#65
 tert-Butylbenzene
 Concen: 8.416 ppbv
 RT: 16.73 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

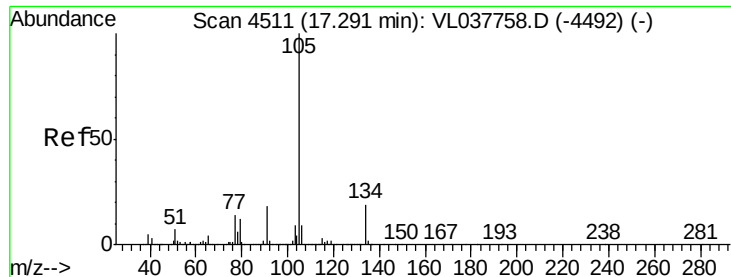
Tgt Ion: 119 Resp: 4847498
 Ion Ratio Lower Upper
 119 100
 91 77.1 62.6 94.0
 134 20.7 16.3 24.5



#66
 Benzyl Chloride
 Concen: 8.248 ppbv
 RT: 16.99 min Scan# 4416
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 234453
 Ion Ratio Lower Upper
 91 100
 126 17.7 0.0 0.0#
 128 7.6 5.3 7.9





#67

sec-Butylbenzene

Concen: 8.499 ppbv

RT: 17.29

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

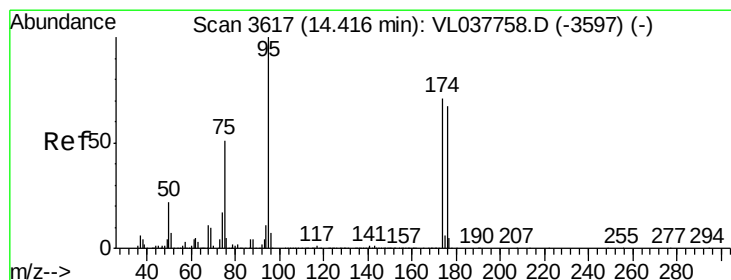
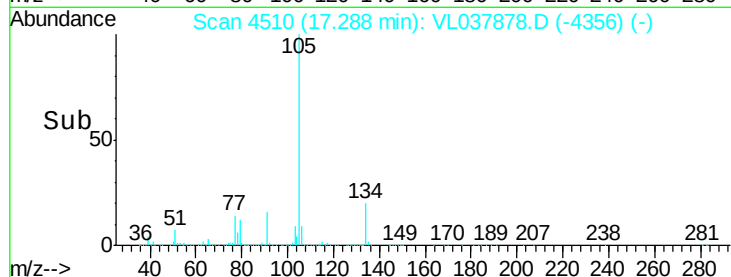
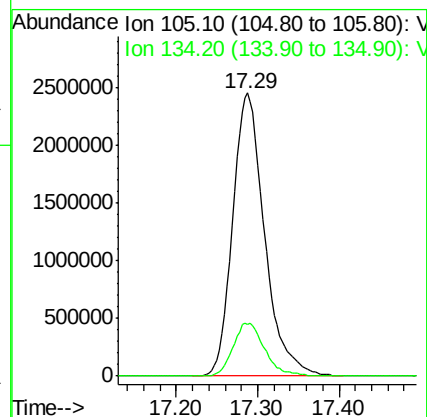
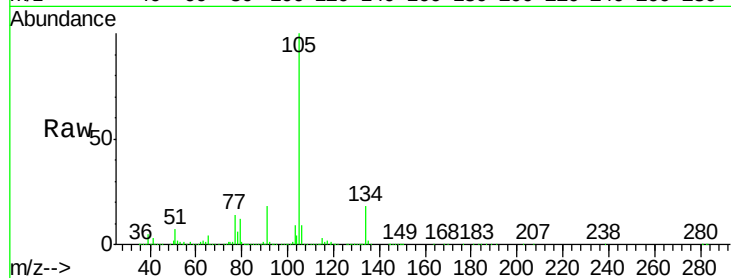
Acq: 20 Oct 2021 8:31

Tgt Ion: 105 Resp: 6695062

Ion Ratio Lower Upper

105 100

134 18.8 15.4 23.0



#68

1-Bromo-4-Fluorobenzene

Concen: 7.955 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

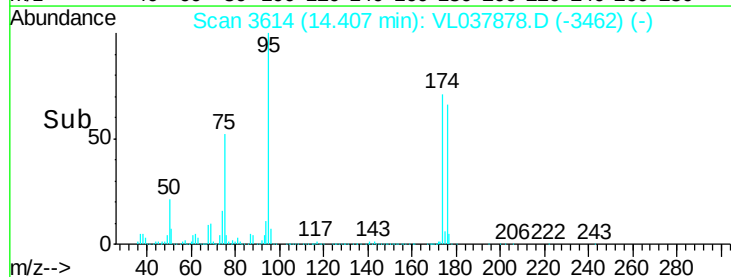
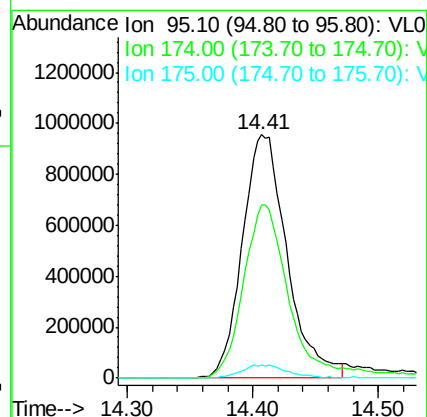
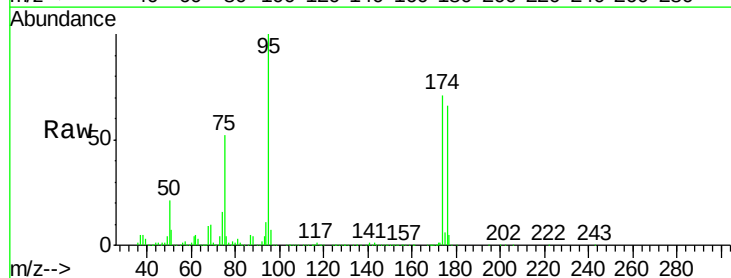
Tgt Ion: 95 Resp: 2363148

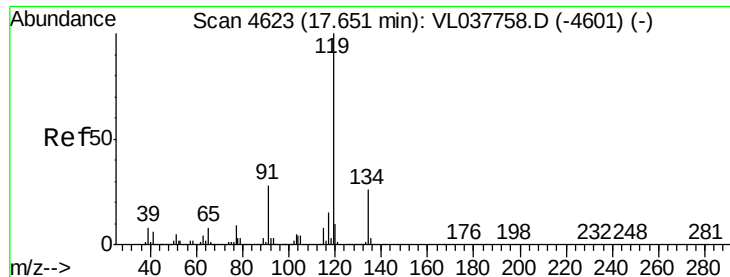
Ion Ratio Lower Upper

95 100

174 75.1 57.8 86.6

175 5.7 4.7 7.1

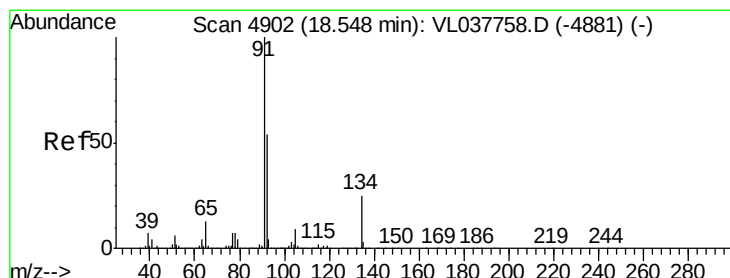
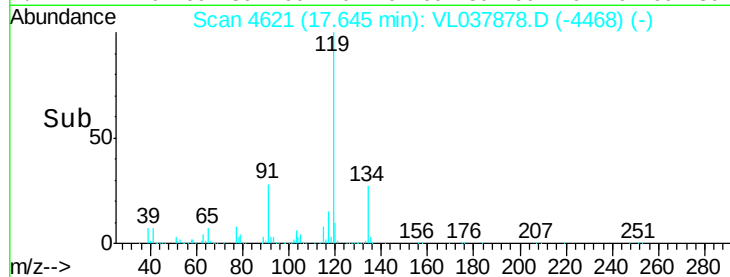
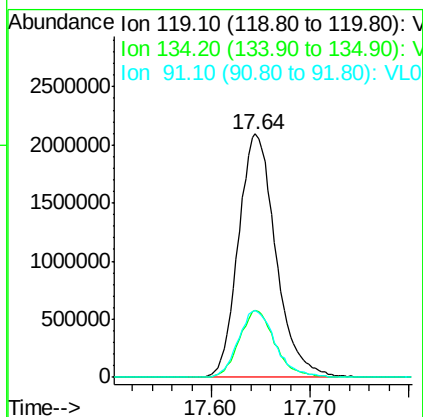
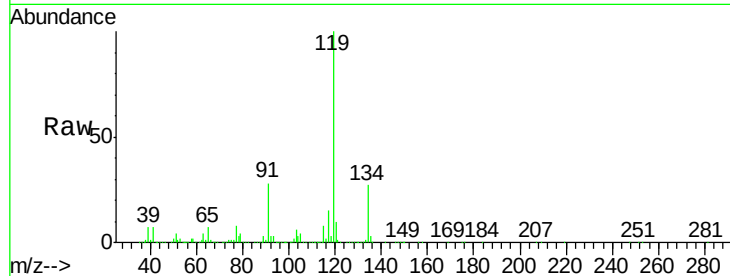




#69
 p-Isopropyltoluene
 Concen: 8.621 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tgt Ion: 119 Resp: 5490611

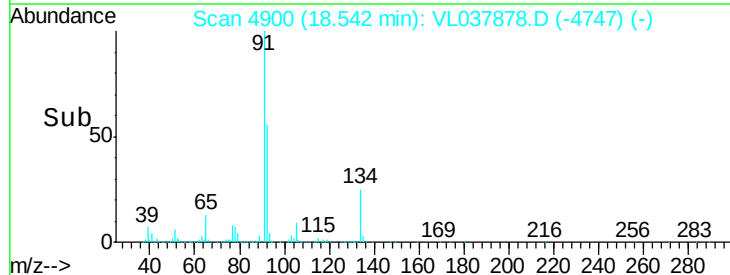
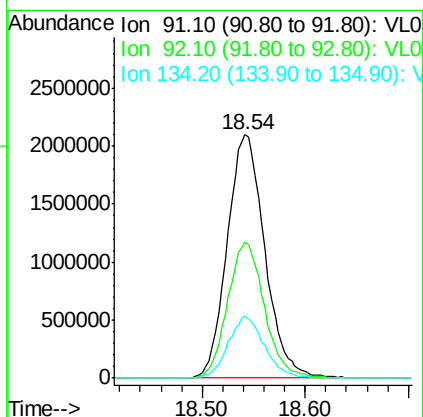
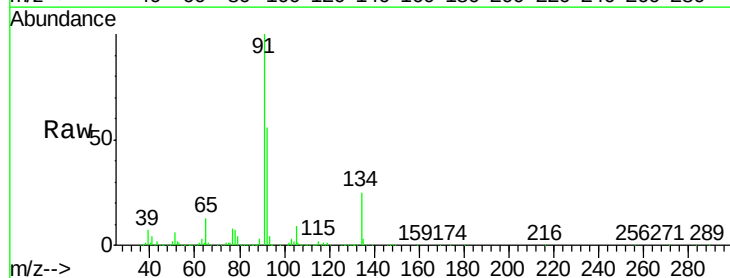
Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.2	31.8
91	27.4	22.2	33.4

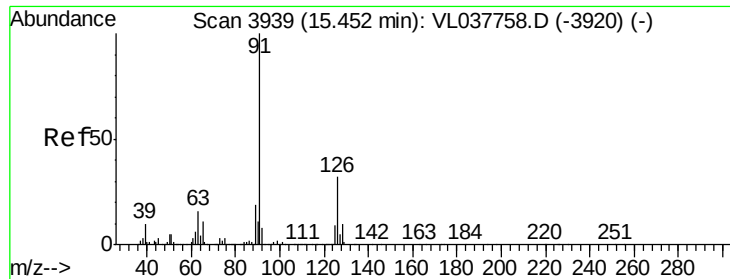


#70
 n-Butylbenzene
 Concen: 8.766 ppbv
 RT: 18.54 min Scan# 4900
 Delta R.T. -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 91 Resp: 5303998

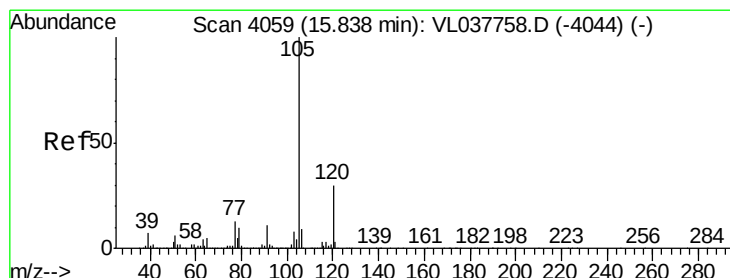
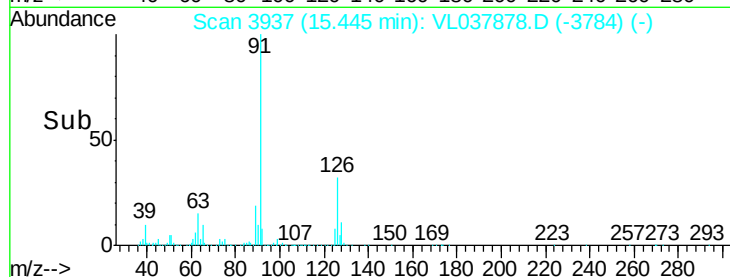
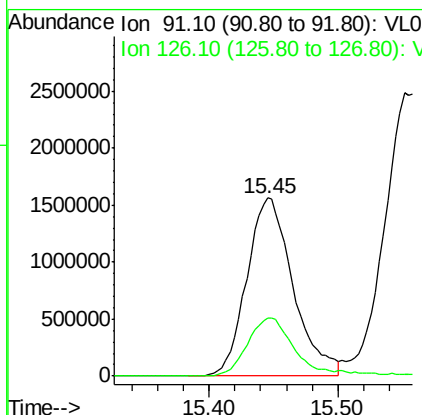
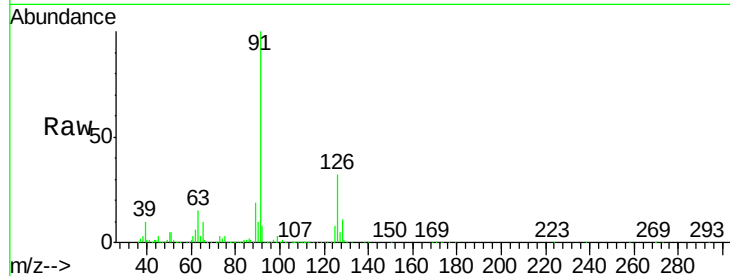
Ion	Ratio	Lower	Upper
91	100		
92	55.0	43.4	65.0
134	24.6	19.8	29.6





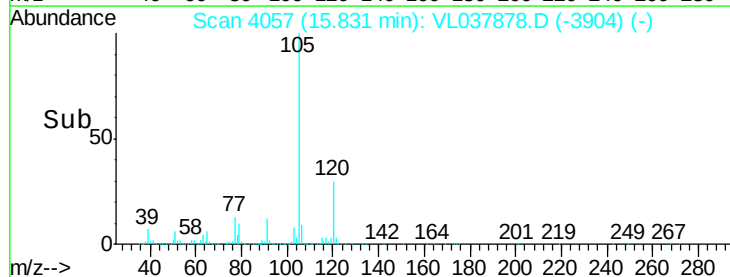
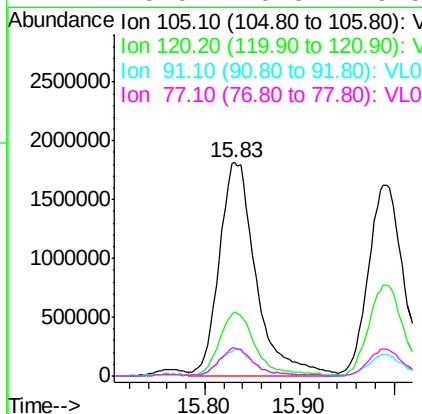
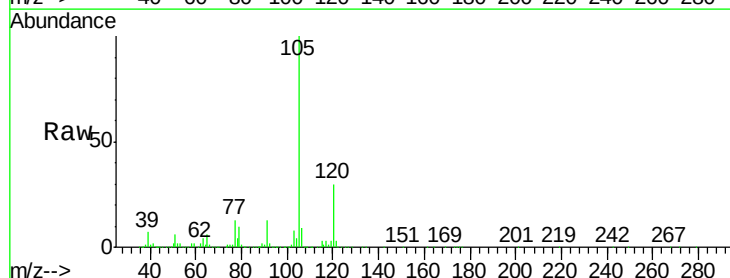
#71
 2-Chlorotoluene
 Concen: 8.469 ppbv
 RT: 15.45 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 20 Oct 2021 8:31

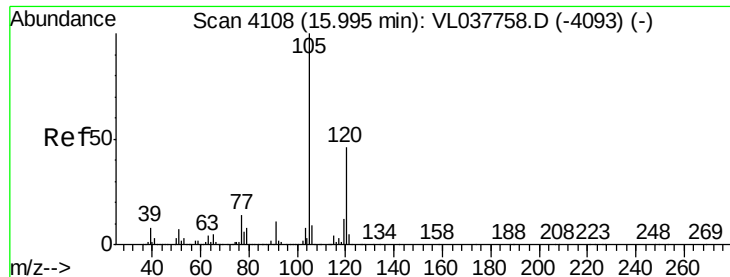
Tgt Ion: 91 Resp: 3914709
 Ion Ratio Lower Upper
 91 100
 126 35.0 13.6 54.6



#72
 4-Ethyltoluene
 Concen: 9.194 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.01 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

Tgt Ion: 105 Resp: 4898717
 Ion Ratio Lower Upper
 105 100
 120 30.2 24.2 36.2
 91 11.7 10.4 15.6
 77 13.0 10.3 15.5





#73

1,3,5-Trimethylbenzene

Concen: 9.047 ppbv

RT: 15.99 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VSTDCCC010

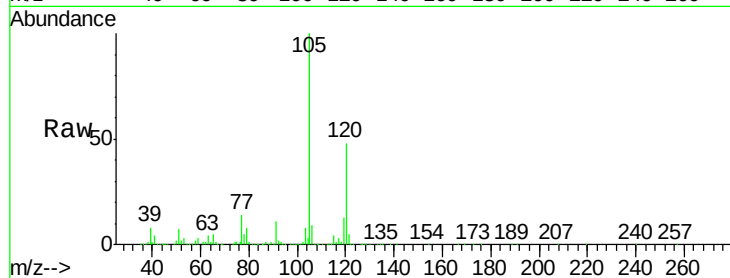
Acq: 20 Oct 2021 8:31

Tgt Ion:105 Resp: 4378725

Ion Ratio Lower Upper

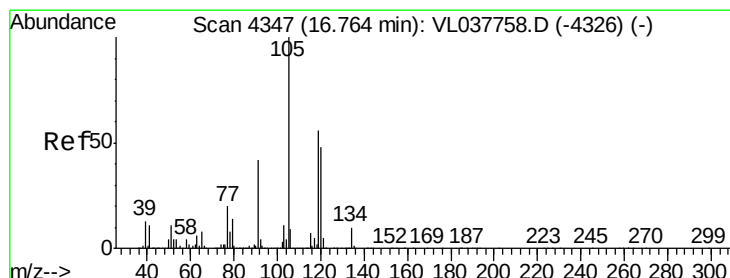
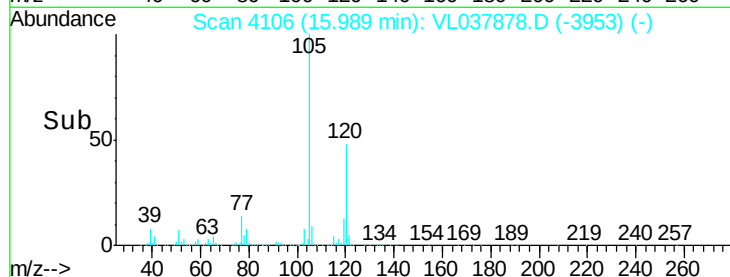
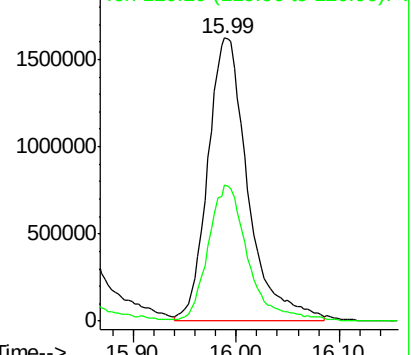
105 100

120 48.1 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 8.712 ppbv

RT: 16.76 min Scan# 4345

Delta R.T. -0.01 min

Lab File: VL037878.D

Acq: 20 Oct 2021 8:31

Tgt Ion:105 Resp: 4427668

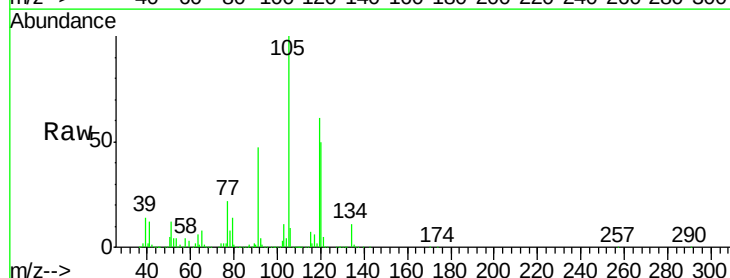
Ion Ratio Lower Upper

105 100

120 50.2 38.4 57.6

91 46.6 34.2 51.2

77 21.5 15.8 23.8

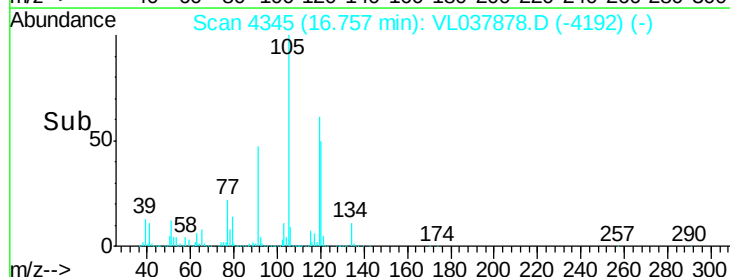
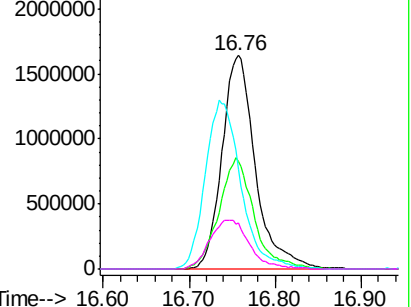


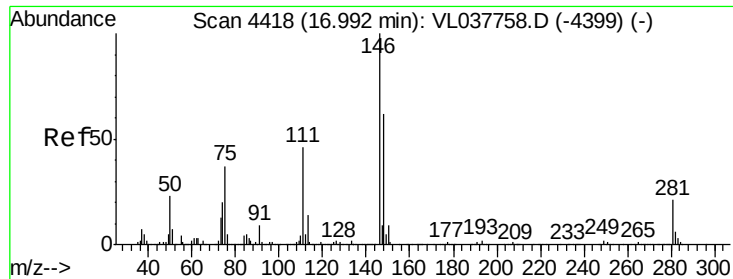
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

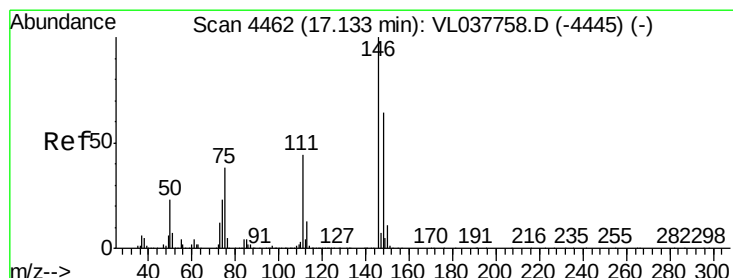
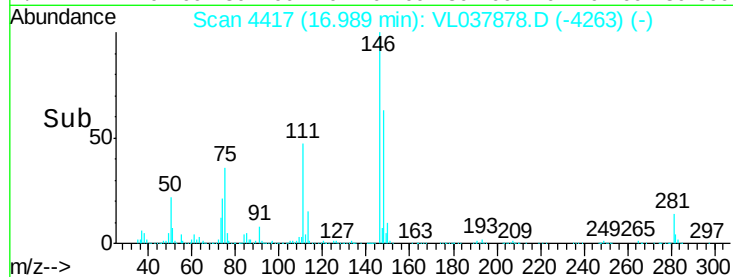
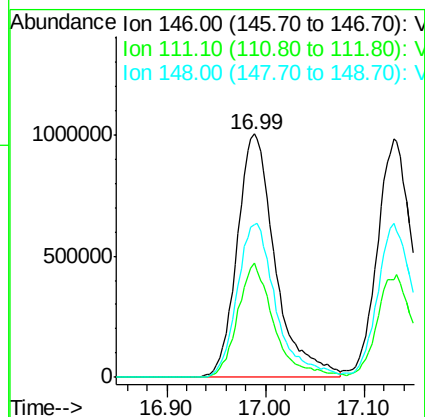
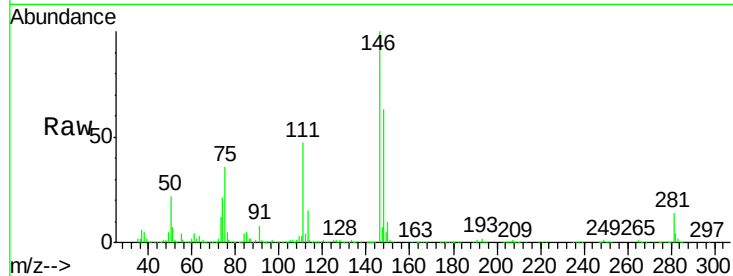
Ion 77.10 (76.80 to 77.80): VL0





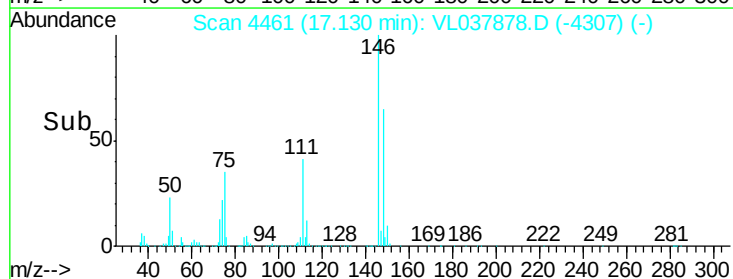
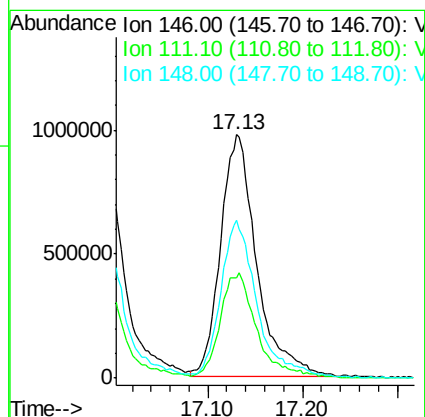
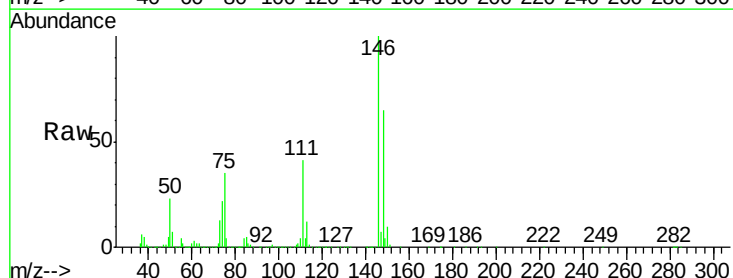
#75
 1,3-Dichlorobenzene
 Concen: 8.527 ppbv
 RT: 16.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 20 Oct 2021 8:31

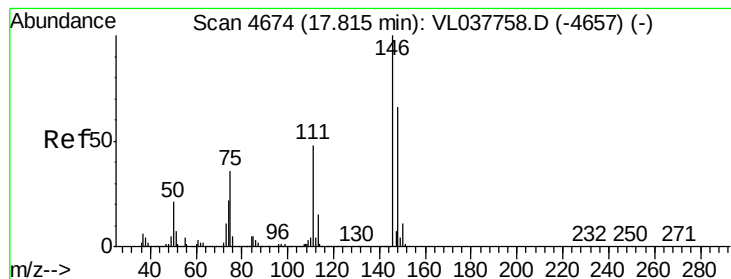
Tgt Ion:146 Resp: 2685020
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.8 68.4
 148 64.5 32.8 98.3



#76
 1,4-Dichlorobenzene
 Concen: 8.621 ppbv
 RT: 17.13 min Scan# 4461
 Delta R.T. -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

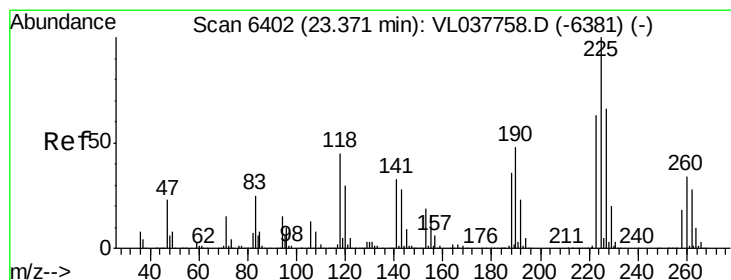
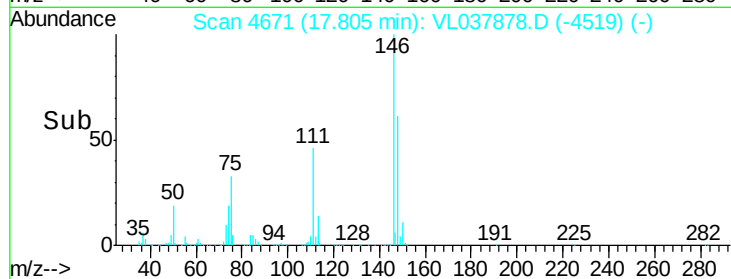
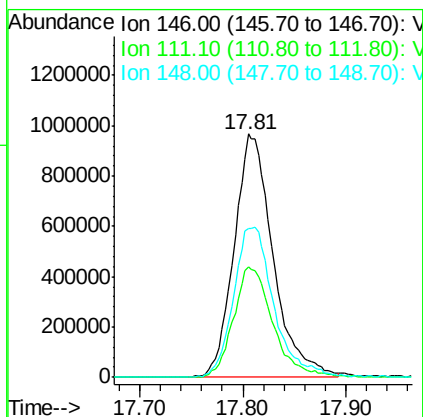
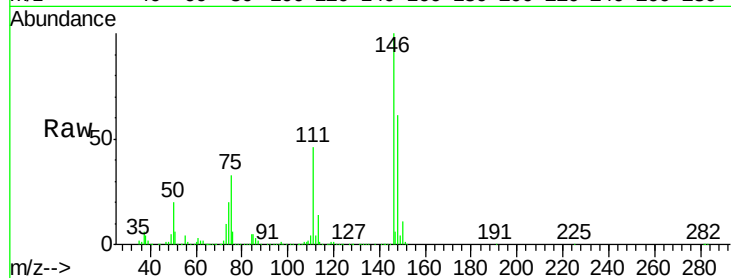
Tgt Ion:146 Resp: 2589555
 Ion Ratio Lower Upper
 146 100
 111 43.9 22.4 67.3
 148 65.9 33.3 99.9





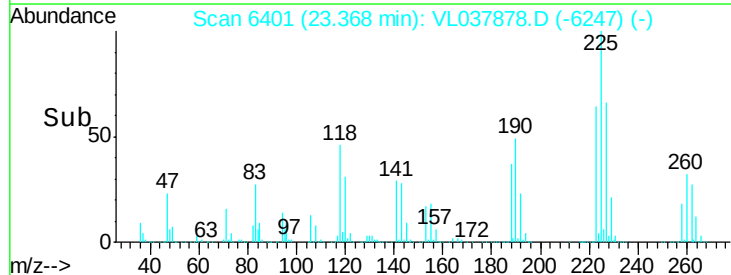
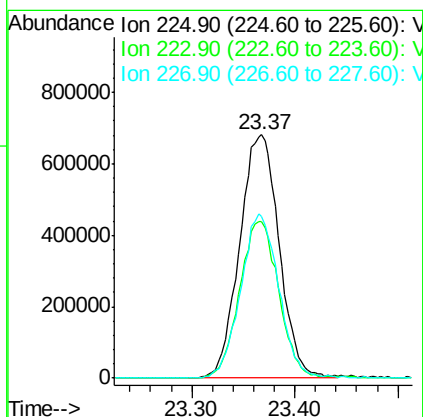
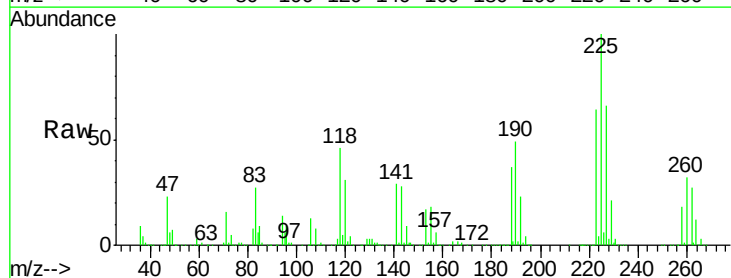
#77
 1,2-Dichlorobenzene
 Concen: 8.373 ppbv
 RT: 17.81 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId : VSTDCCC010
 Acq: 20 Oct 2021 8:31

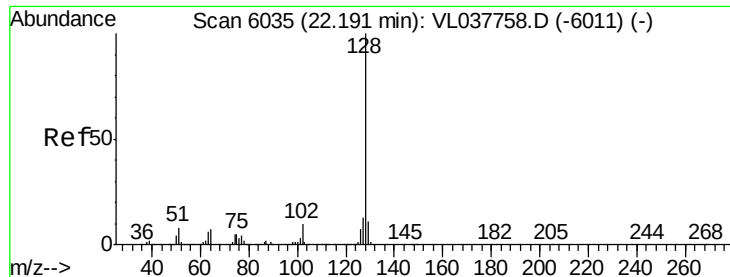
Tgt Ion:146 Resp: 2532890
 Ion Ratio Lower Upper
 146 100
 111 46.2 23.6 70.8
 148 64.1 32.9 98.6



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.343 ppbv
 RT: 23.37 min Scan# 6401
 Delta R.T.: -0.00 min
 Lab File: VL037878.D
 Acq: 20 Oct 2021 8:31

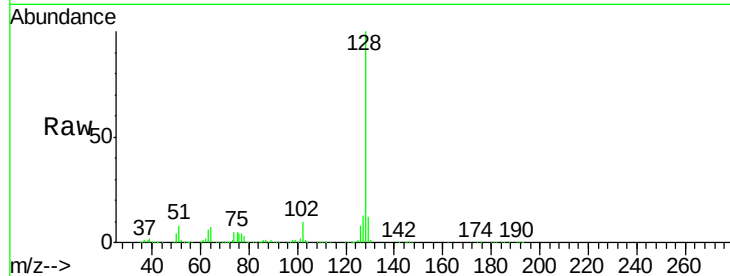
Tgt Ion:225 Resp: 1813702
 Ion Ratio Lower Upper
 225 100
 223 64.3 51.2 76.8
 227 65.1 51.1 76.7



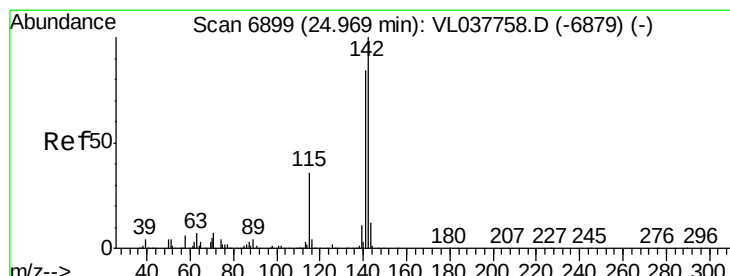
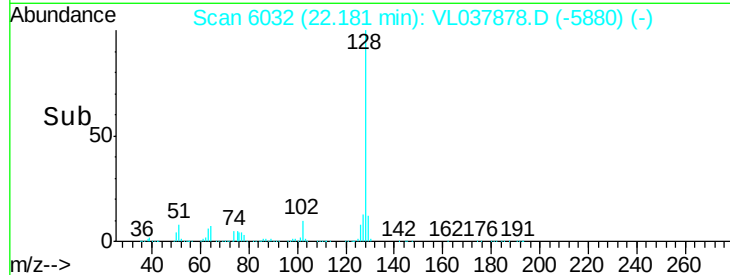
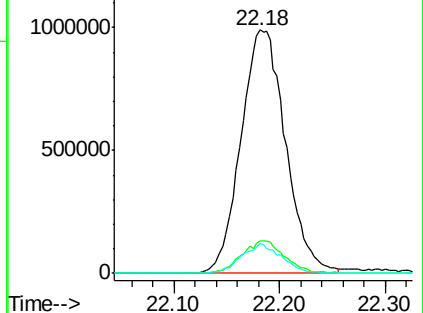


#79
Naphthalene
Concen: 9.307 ppbv
RT: 22.18 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
VSTDCCC010
Acq: 20 Oct 2021 8:31

Tgt Ion:	128	Resp:	2896940
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.1	15.1
129	12.2	9.1	13.7

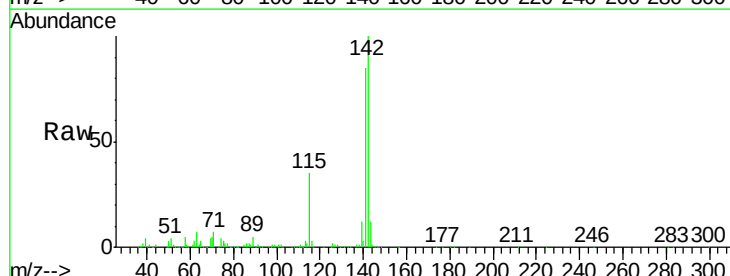


Abundance Ion 128.10 (127.80 to 128.80): V
Ion 127.10 (126.80 to 127.80): V
Ion 129.10 (128.80 to 129.80): V

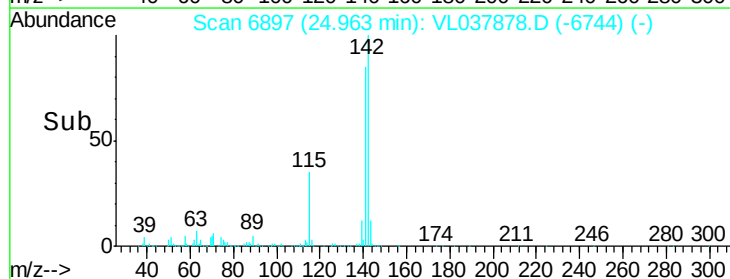
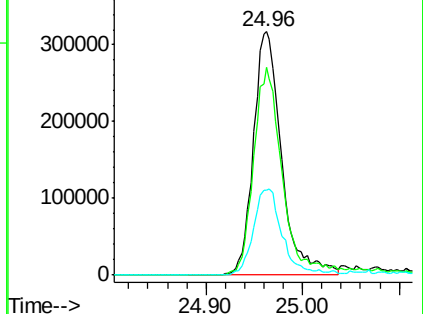


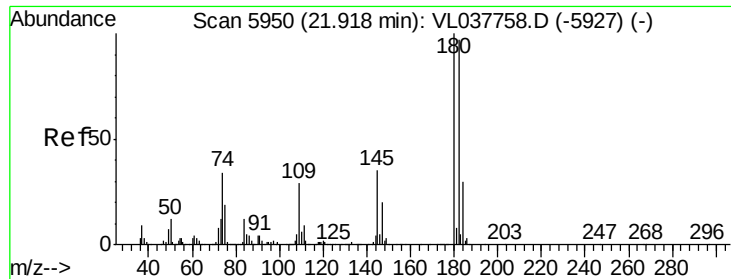
#80
Naphthalene, 2-methyl-
Concen: 7.668 ppbv
RT: 24.96 min Scan# 6897
Delta R.T.: -0.01 min
Lab File: VL037878.D
Acq: 20 Oct 2021 8:31

Tgt Ion:	142	Resp:	640920
Ion	Ratio	Lower	Upper
142	100		
141	87.1	68.6	102.8
115	36.8	29.0	43.6



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 141.00 (140.70 to 141.70): V
Ion 115.00 (114.70 to 115.70): V





#81
 1,2,4-Trichlorobenzene
 Concen: 4.614 ppbv
 RT: 21.91
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 VSTDCCC010
 Acq: 20 Oct 2021 8:31

Tgt Ion:180 Resp: 918664
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.6 116.4#
 184 0.0 25.0 37.4#

