

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038204.D
 Acq On : 17 Dec 2021 00:58
 Operator : SY/AP
 Sample : M5119-02DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 17 05:11:16 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Nov 18 13:16:09 2021
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	877868	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2673432	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	1693411	10.00	ppbv	0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2634263	21.57	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	215.70%#

Target Compounds

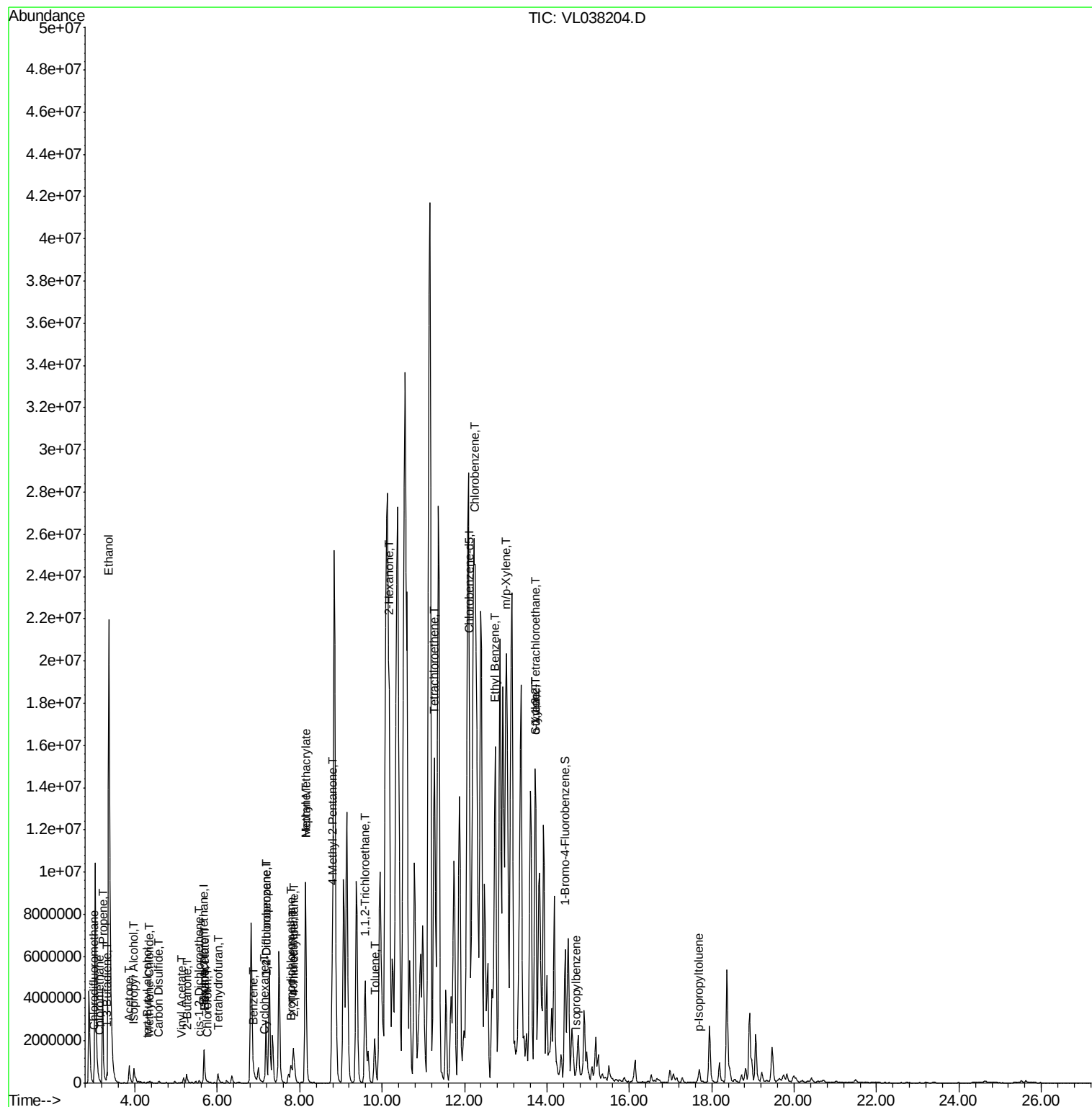
					Ovalue
3) Chlorodifluoromethane	3.00	51	20856	0.113	ppbv 98
4) Chloromethane	3.15	50	10675	0.170	ppbv 94
9) Propene	3.22	41	1621166	23.877	ppbv 95
10) Heptane	8.14	43	5668118	33.778	ppbv 98
13) Ethanol	3.36	45	14646	2.232	ppbv # 32
15) Acetone	3.86	43	1075744	14.134	ppbv # 89
16) 1,3-Butadiene	3.32	39	126816	2.136	ppbv # 9
17) tert-Butyl alcohol	4.30	59	6183	0.067	ppbv # 71
19) Isopropyl Alcohol	3.97	45	1032774	18.780	ppbv # 9
20) Methylene Chloride	4.35	84	36127	0.847	ppbv 94
23) Vinyl Acetate	5.12	43	9469	0.086	ppbv # 39
25) Ethyl Acetate	5.69	43	55219	0.218	ppbv # 97
26) Hexane	5.69	57	27007	0.222	ppbv # 62
27) Carbon Disulfide	4.56	76	7887	0.072	ppbv # 28
29) Chloroform	5.76	83	7199	0.040	ppbv 98
30) Cyclohexane	7.14	84	52152	0.471	ppbv # 1
31) cis-1,2-Dichloroethene	5.56	61	70397	0.607	ppbv 96
34) 2-Butanone	5.25	43	548273	5.086	ppbv 95
36) Benzene	6.89	78	25400	0.095	ppbv # 84
38) Trichloroethene	7.84	130	593022	5.895	ppbv 95
39) 1,2-Dichloropropane	7.18	63	614742	6.009	ppbv # 27
41) Tetrahydrofuran	6.01	42	187260	2.798	ppbv # 39
42) Bromodichloromethane	7.80	83	24328	0.124	ppbv # 24
43) Methyl Methacrylate	8.14	69	47294	0.518	ppbv # 1
44) 2,2,4-Trimethylpentane	7.88	57	107475	0.241	ppbv # 1
47) 1,1,2-Trichloroethane	9.59	97	245496	2.291	ppbv # 52
50) 4-Methyl-2-Pentanone	8.79	43	860795	5.258	ppbv 97
51) 2-Hexanone	10.17	43	10345236	134.315	ppbv # 27
52) Tetrachloroethene	11.27	164	5226717	52.969	ppbv 94
53) Toluene	9.82	91	345458	1.126	ppbv 100
57) Chlorobenzene	12.25	112	4609893	30.373	ppbv # 33
58) Ethyl Benzene	12.75	91	14124951	50.466	ppbv # 87
59) m/p-Xylene	13.01	91	18461696	78.357	ppbv 88
60) o-Xylene	13.73	91	5836051	26.702	ppbv 99
61) Styrene	13.73	104	136813	1.168	ppbv # 1
62) Isopropylbenzene	14.69	105	101599	0.327	ppbv 98
63) 1,1,2,2-Tetrachloroethane	13.71	83	441291	2.718	ppbv # 54
69) p-Isopropyltoluene	17.66	119	66074	0.222	ppbv # 93

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

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QLast Update : Thu Nov 18 13:16:09 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 00:58

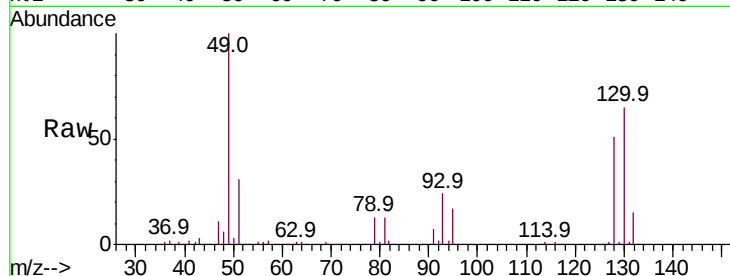
Tot Ion: 49 Resp: 877868

Ion Ratio Lower Upper

49 100

128 52.4 26.5 79.5

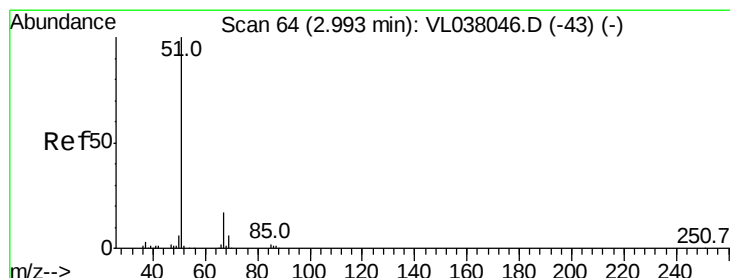
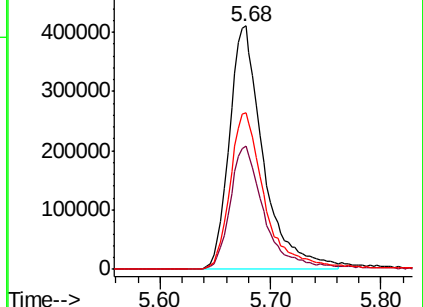
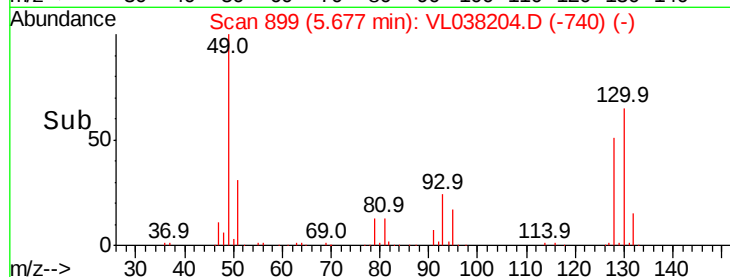
130 67.0 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.113 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

Lab File: VL038204.D

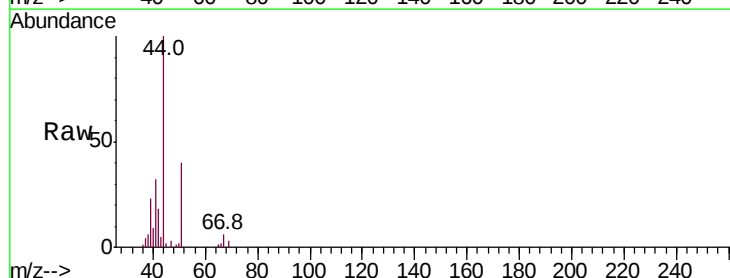
Acq: 17 Dec 2021 00:58

Tgt Ion: 51 Resp: 20856

Ion Ratio Lower Upper

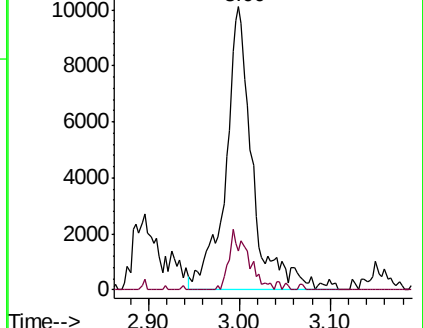
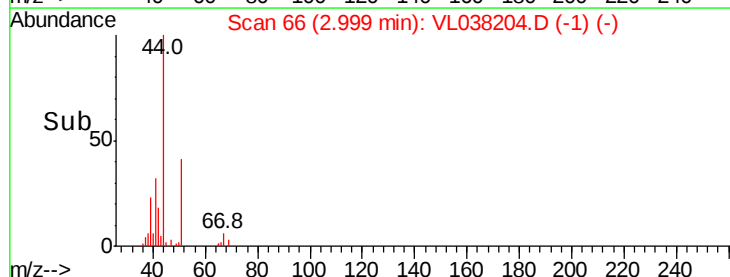
51 100

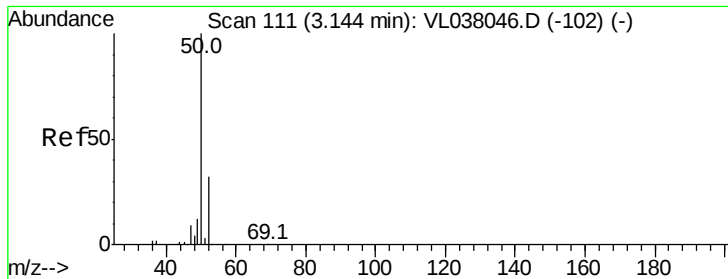
67 16.2 13.8 20.8



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.170 ppbv

RT: 3.15 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

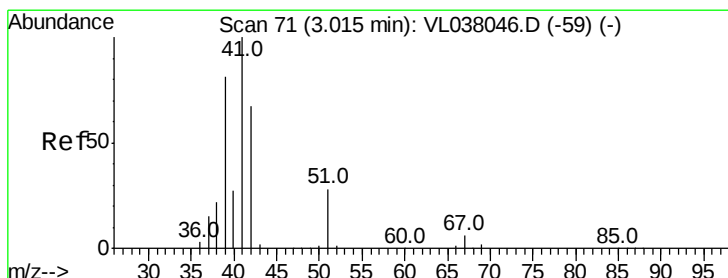
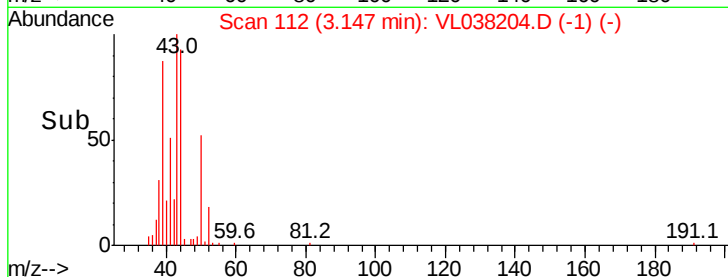
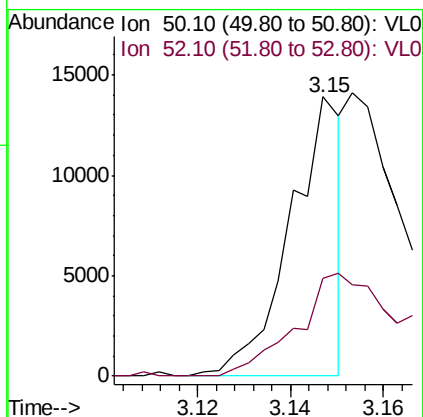
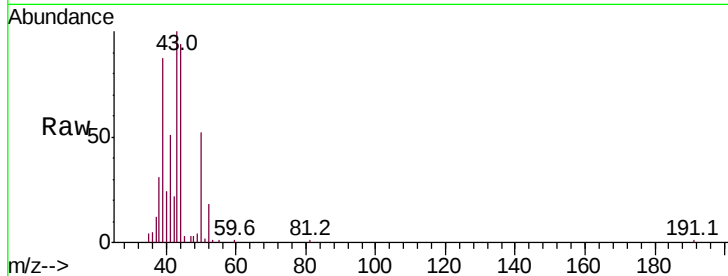
Acq: 17 Dec 2021 00:58

Tot Ion: 50 Resp: 10675

Ion Ratio Lower Upper

50 100

52 34.9 25.4 38.0



#9

Propene

Concen: 23.877 ppbv

RT: 3.22 min Scan# 134

Delta R.T. 0.20 min

Lab File: VL038204.D

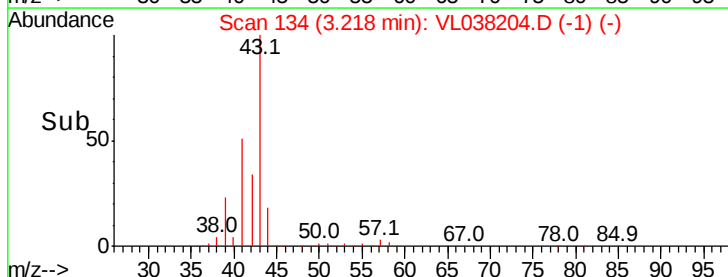
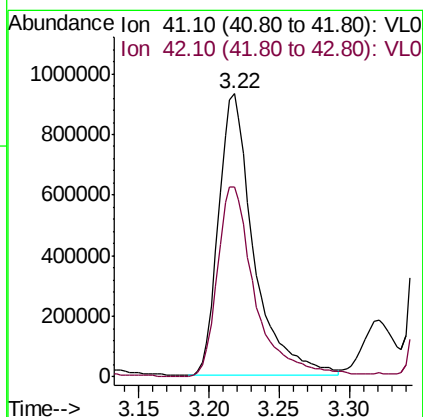
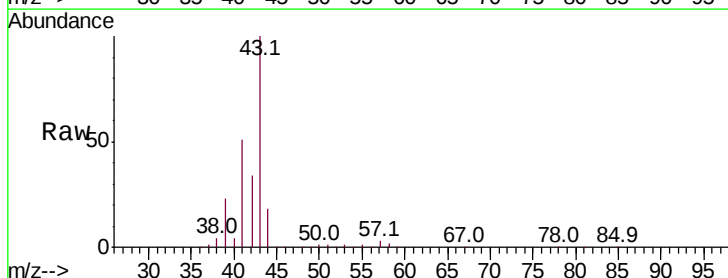
Acq: 17 Dec 2021 00:58

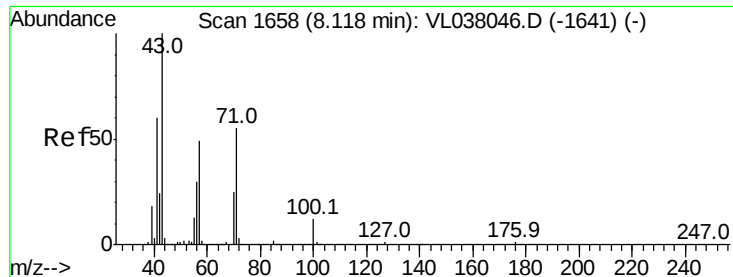
Tgt Ion: 41 Resp: 1621166

Ion Ratio Lower Upper

41 100

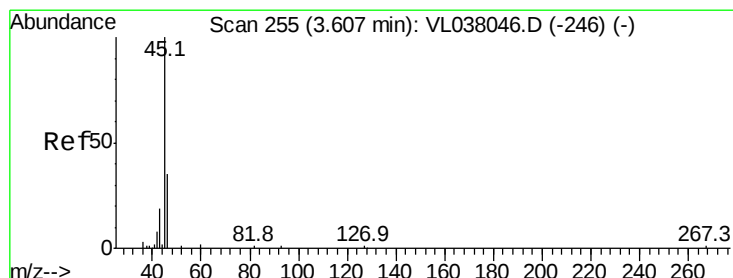
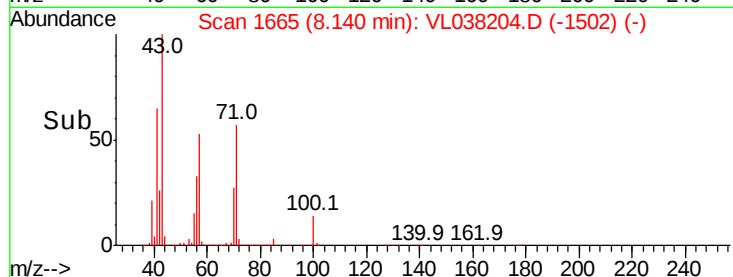
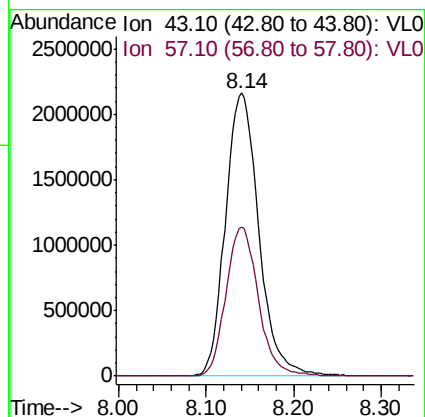
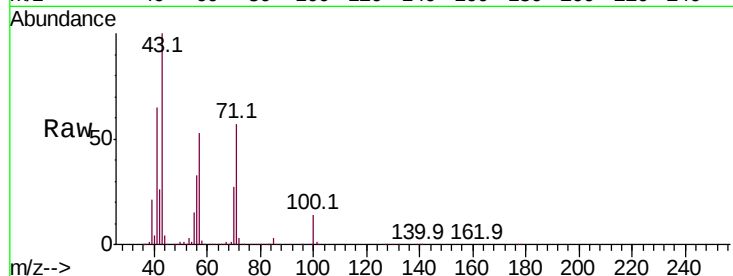
42 71.2 53.8 80.8



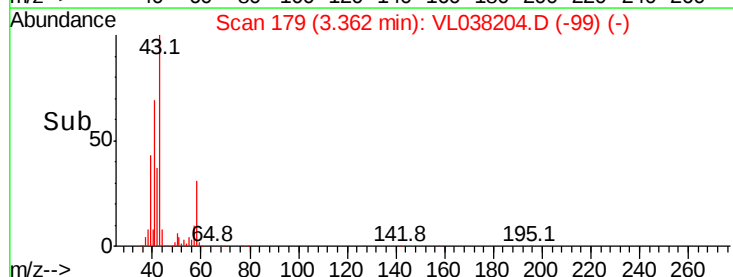
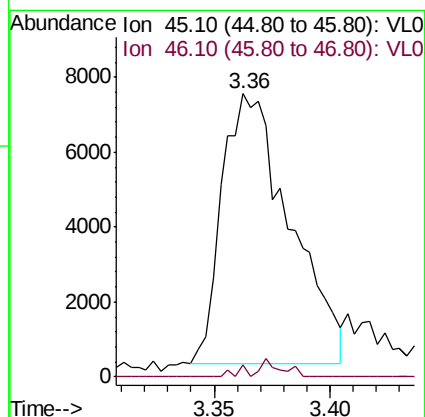
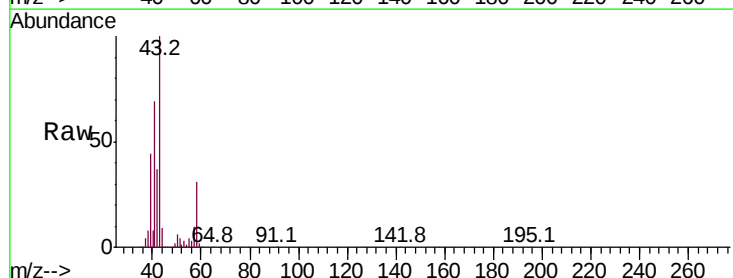


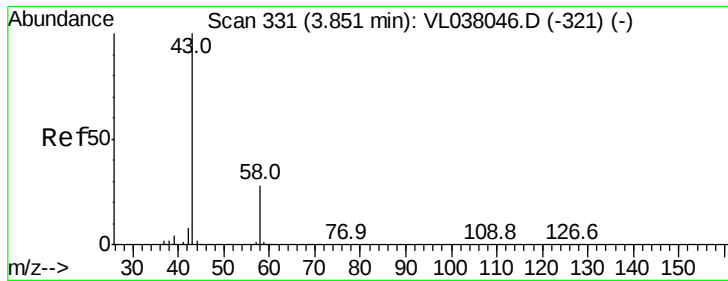
#10
Heptane
Concen: 33.778 ppbv
RT: 8.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 00:58

Tot Ion: 43 Resp: 5668118
Ion Ratio Lower Upper
43 100
57 52.2 40.4 60.6



#13
Ethanol
Concen: 2.232 ppbv
RT: 3.36 min Scan# 179
Delta R.T. -0.24 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58
Tgt Ion: 45 Resp: 14646
Ion Ratio Lower Upper
45 100
46 0.0 17.6 70.2#





#15

Acetone

Concen: 14.134 ppbv

RT: 3.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

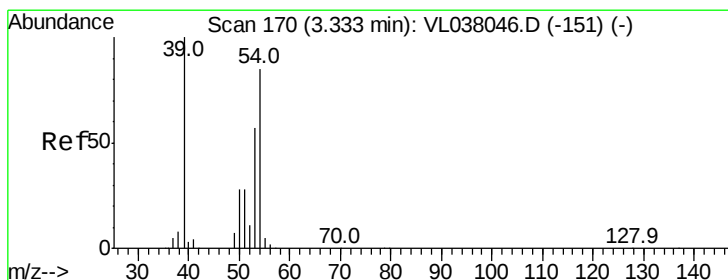
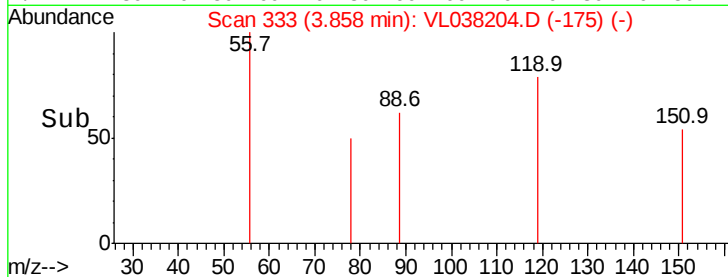
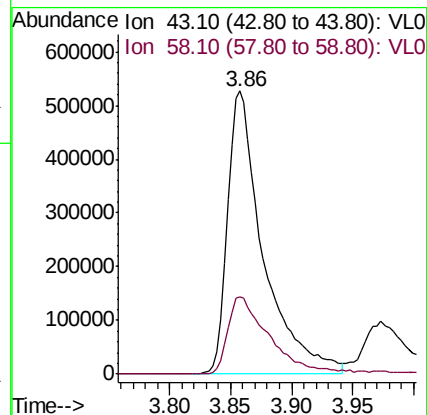
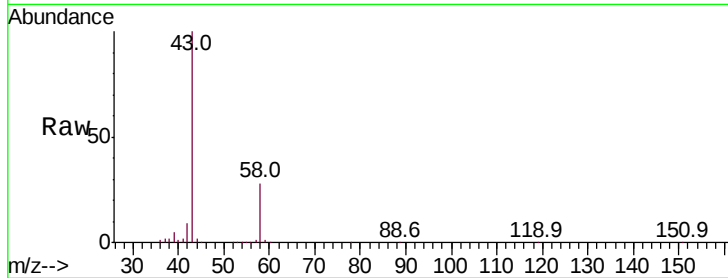
Acq: 17 Dec 2021 00:58

Tot Ion: 43 Resp: 1075744

Ion Ratio Lower Upper

43 100

58 33.8 22.4 33.6#



#16

1,3-Butadiene

Concen: 2.136 ppbv

RT: 3.32 min Scan# 166

Delta R.T. -0.01 min

Lab File: VL038204.D

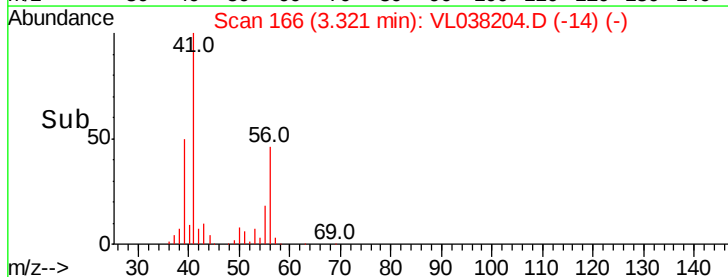
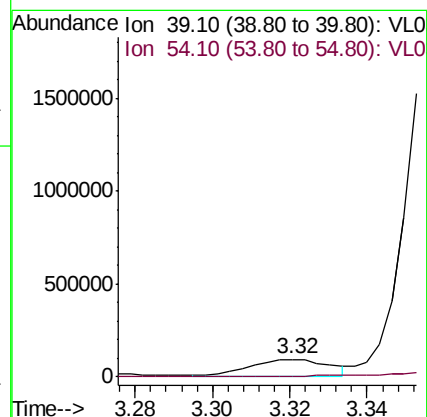
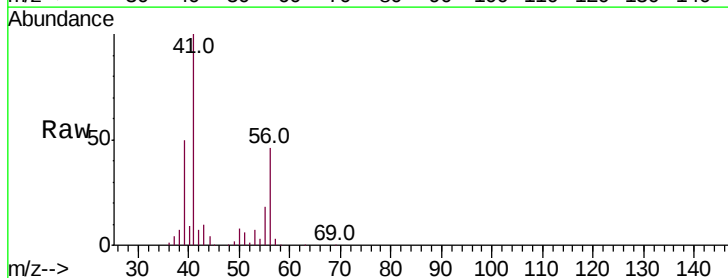
Acq: 17 Dec 2021 00:58

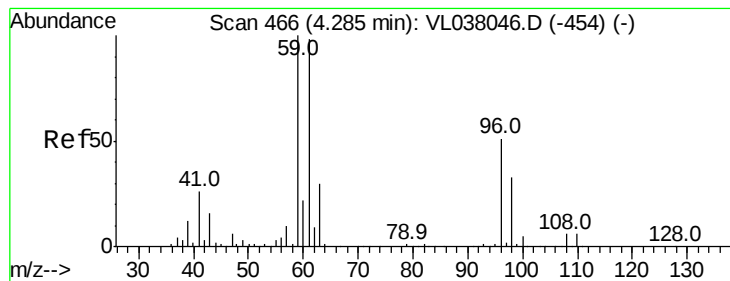
Tgt Ion: 39 Resp: 126816

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 0.067 ppbv

RT: 4.30 Instrument:

Delta R.T. MSVOA.L

Lab File: ClientSampleId:

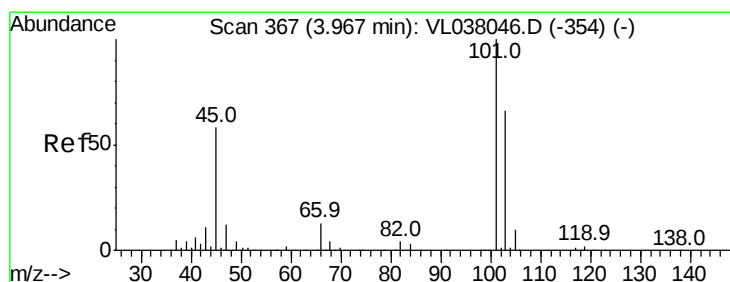
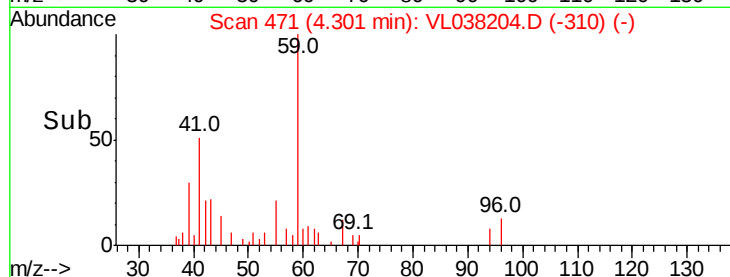
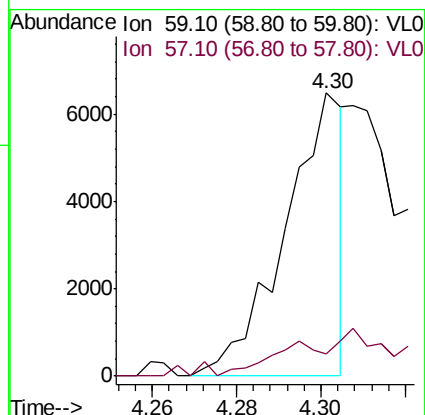
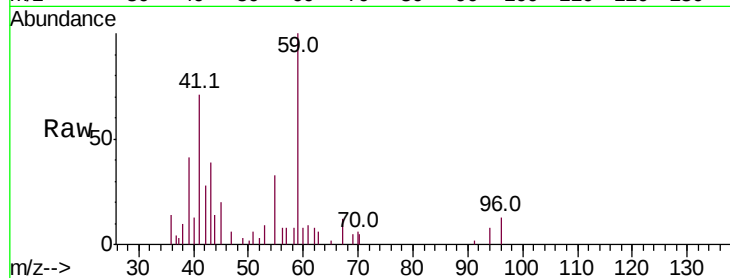
Acq: 17 Dec 2021 00:58

Tot Ion: 59 Resp: 6183

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#19

Isopropyl Alcohol

Concen: 18.780 ppbv

RT: 3.97 min Scan# 369

Delta R.T. 0.01 min

Lab File: VL038204.D

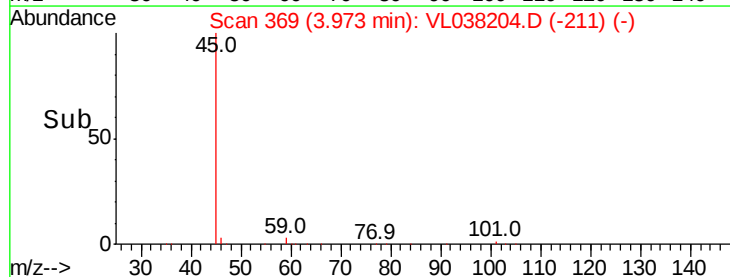
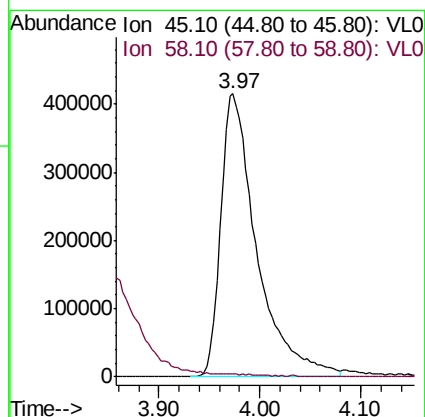
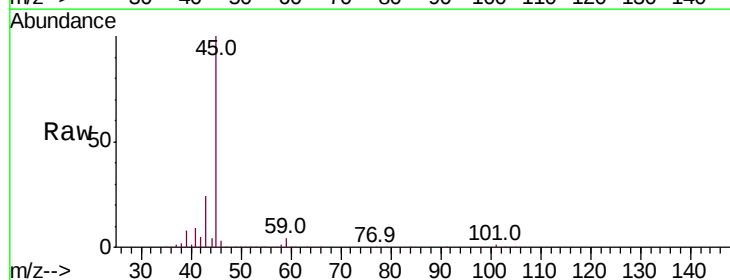
Acq: 17 Dec 2021 00:58

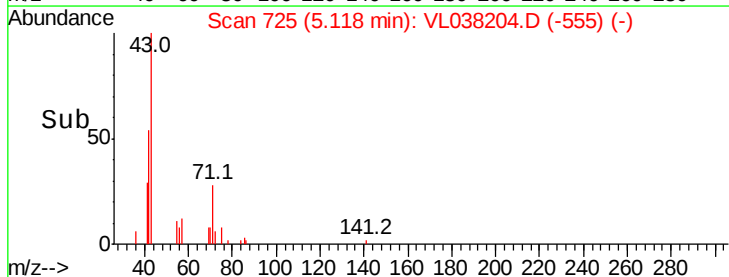
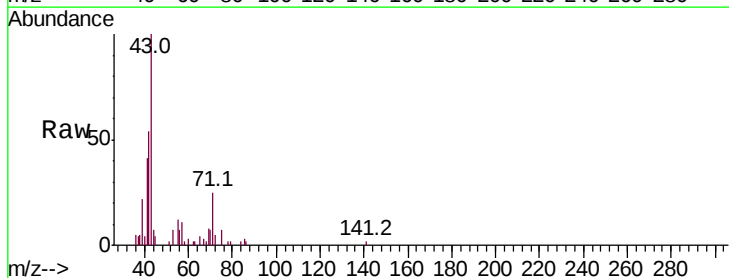
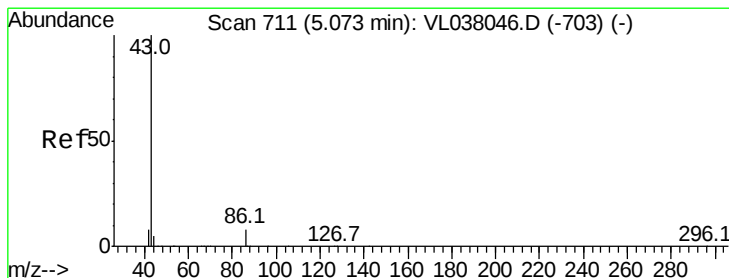
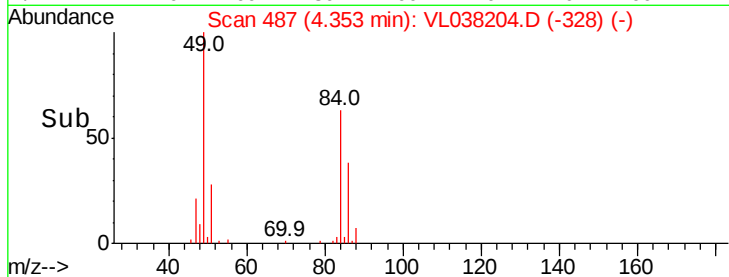
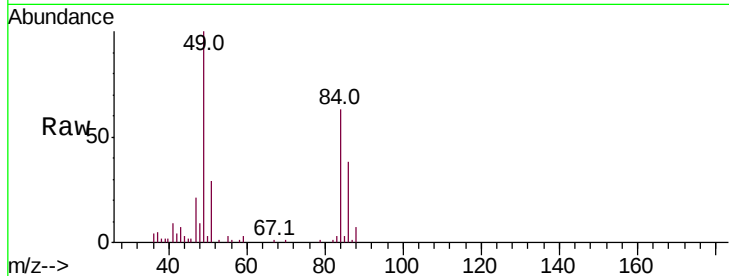
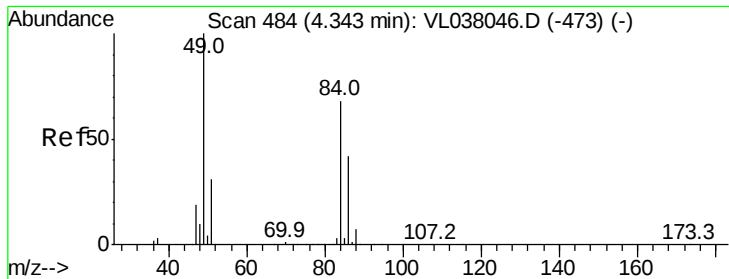
Tgt Ion: 45 Resp: 1032774

Ion Ratio Lower Upper

45 100

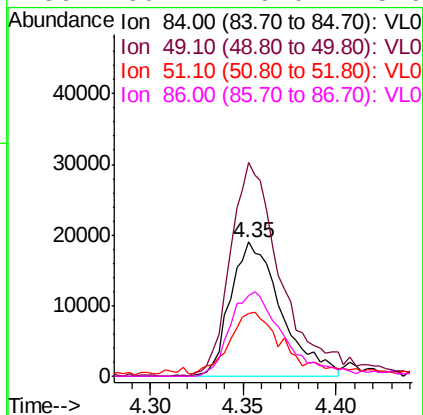
58 35.2 1.4 2.0#





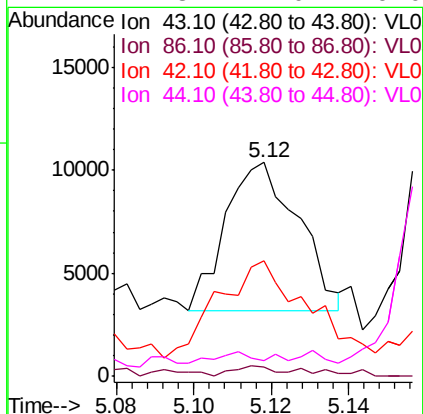
#20
Methvlene Chloride
Concen: 0.847 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 17 Dec 2021 00:58

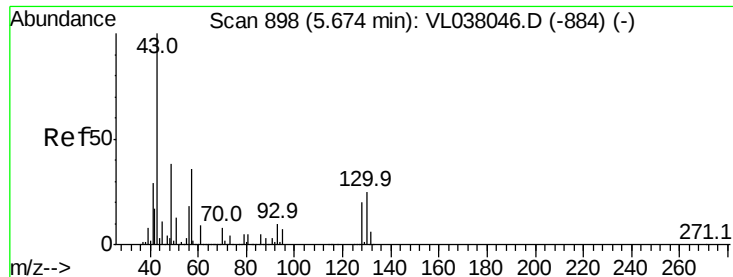
Tot Ion:	84	Resp:	36127
Ion	Ratio	Lower	Upper
84	100		
49	158.9	118.2	177.2
51	44.0	36.8	55.2
86	60.4	49.0	73.6



#23
Vinyl Acetate
Concen: 0.086 ppbv
RT: 5.12 min Scan# 725
Delta R.T. 0.05 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

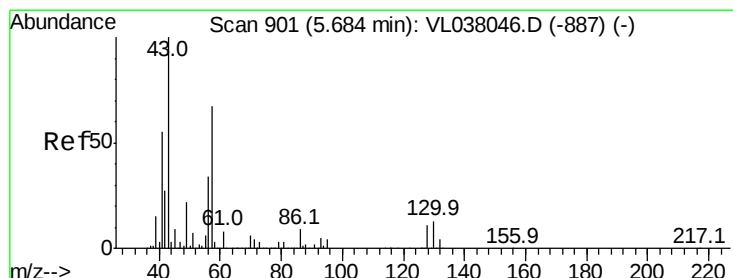
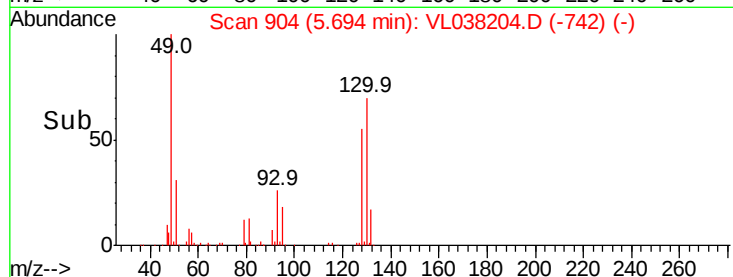
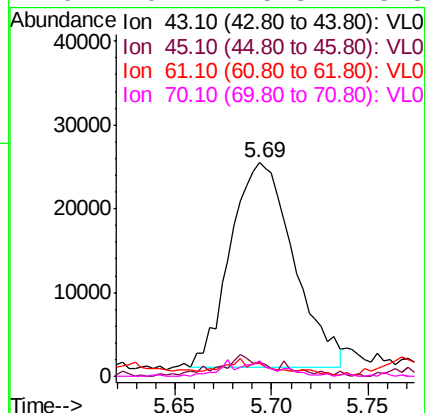
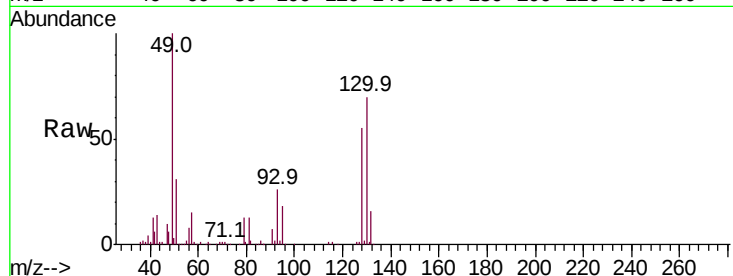
Tgt Ion:	43	Resp:	9469
Ion	Ratio	Lower	Upper
43	100		
86	4.4	5.3	7.9#
42	55.8	7.0	10.6#
44	1.8	4.0	6.0#





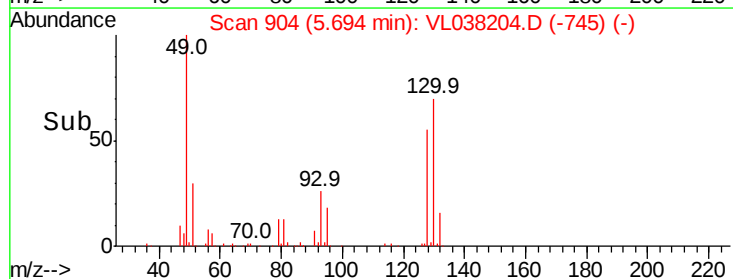
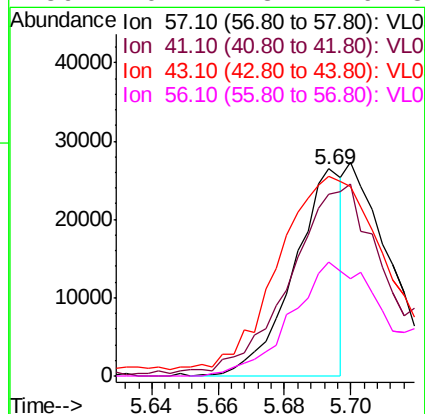
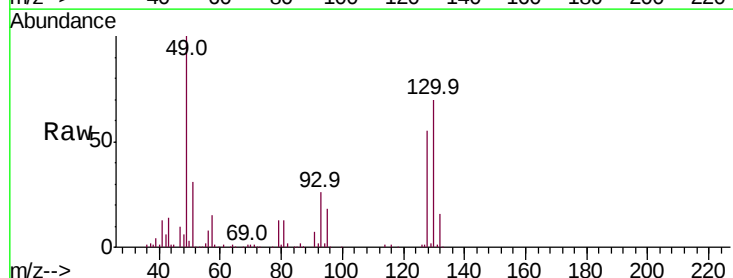
#25
Ethyl Acetate
Concen: 0.218 ppbv
RT: 5.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 00:58

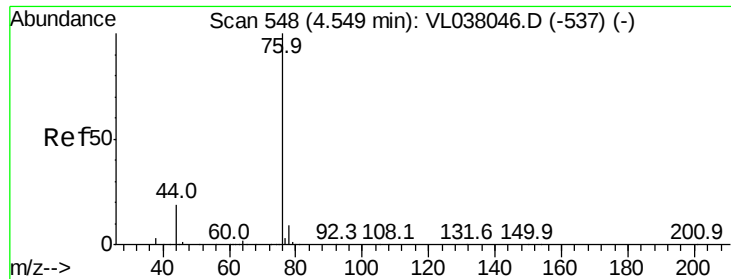
Tot Ion:	43	Resp:	55219
Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.9	11.9
61	7.5	7.8	11.6#
70	6.2	5.8	8.8



#26
Hexane
Concen: 0.222 ppbv
RT: 5.69 min Scan# 904
Delta R.T.: 0.01 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

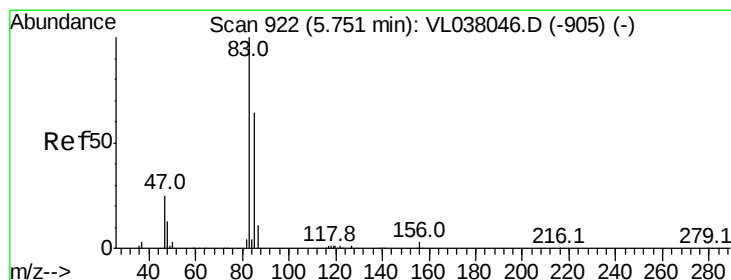
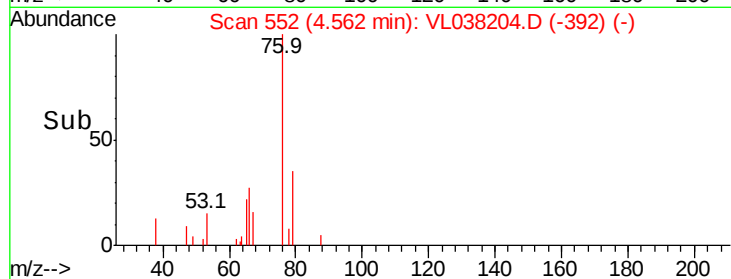
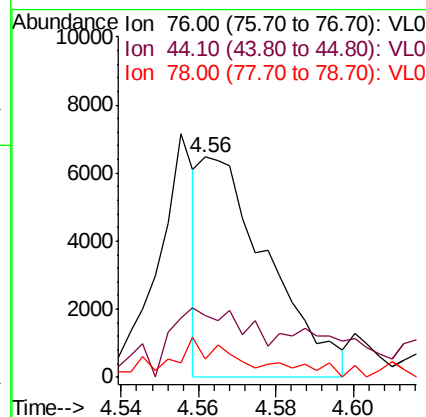
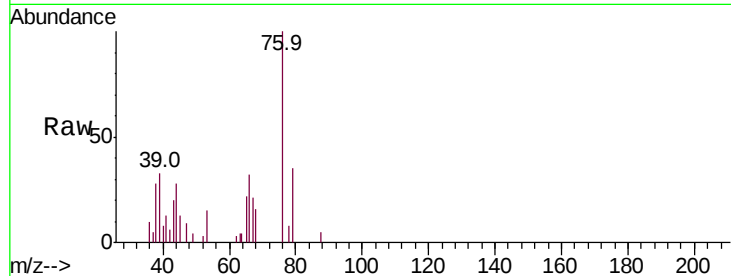
Tgt Ion:	57	Resp:	27007
Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.4	107.2#
43	222.9	174.6	261.8
56	116.4	43.2	64.8#





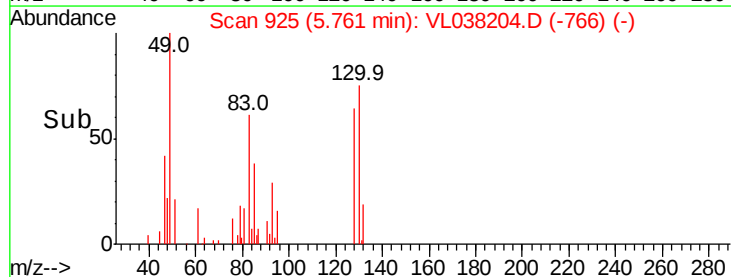
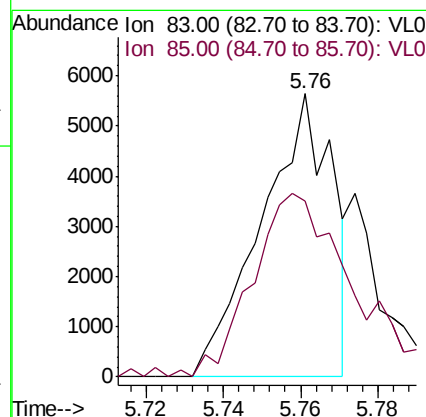
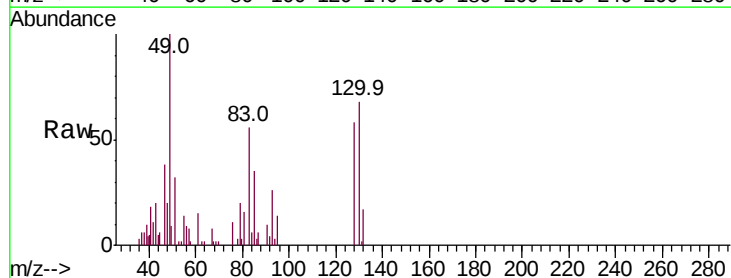
#27
Carbon Disulfide
Concen: 0.072 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 00:58

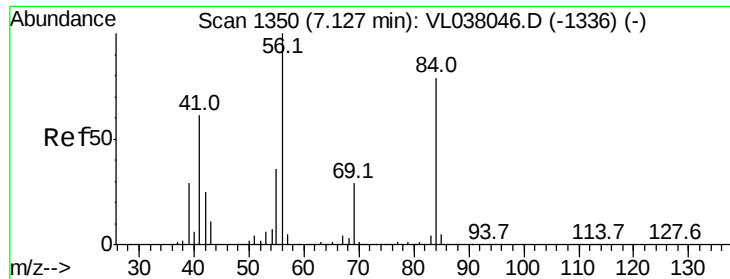
Tot Ion: 76 Resp: 7887
Ion Ratio Lower Upper
76 100
44 60.1 14.9 22.3#
78 20.9 7.6 11.4#



#29
Chloroform
Concen: 0.040 ppbv
RT: 5.76 min Scan# 925
Delta R.T. 0.01 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

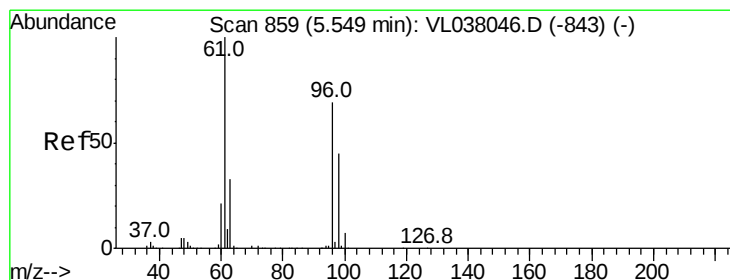
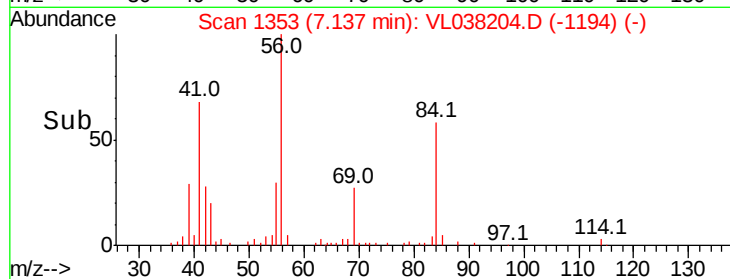
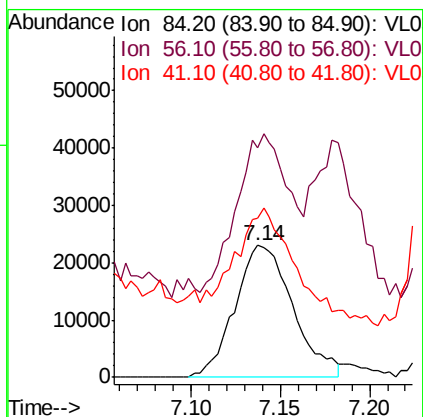
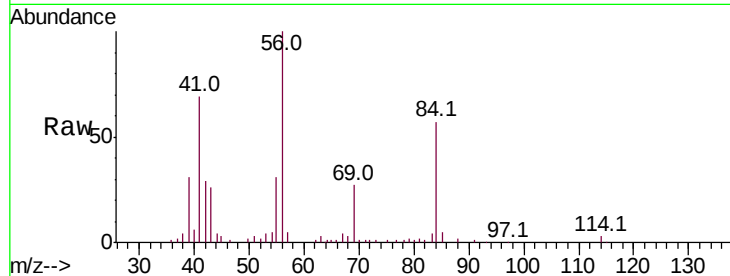
Tgt Ion: 83 Resp: 7199
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.6





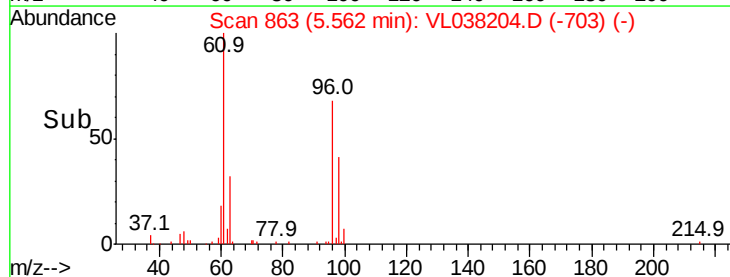
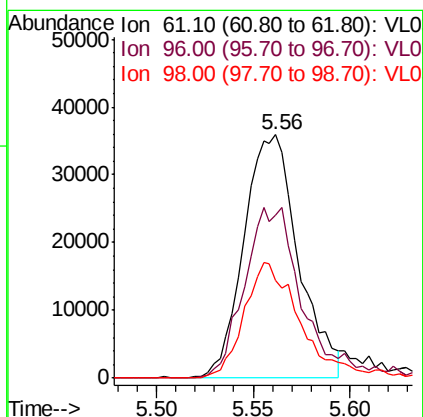
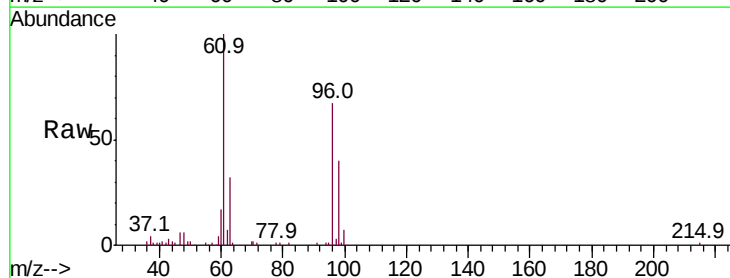
#30
Cvclohexane
Concen: 0.471 ppbv
RT: 7.14
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 00:58

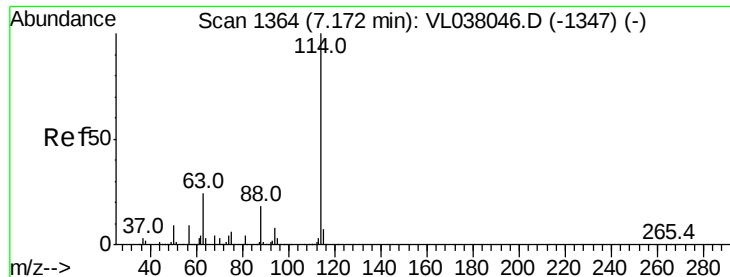
Tot Ion: 84 Resp: 52152
Ion Ratio Lower Upper
84 100
56 0.0 108.1 162.1#
41 355.9 64.4 96.6#



#31
cis-1,2-Dichloroethene
Concen: 0.607 ppbv
RT: 5.56 min Scan# 863
Delta R.T. 0.01 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

Tgt Ion: 61 Resp: 70397
Ion Ratio Lower Upper
61 100
96 66.9 55.4 83.2
98 40.2 35.7 53.5

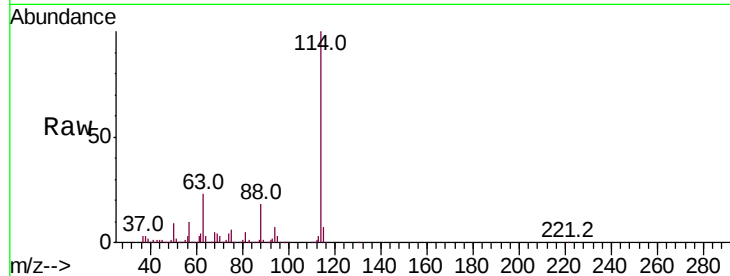




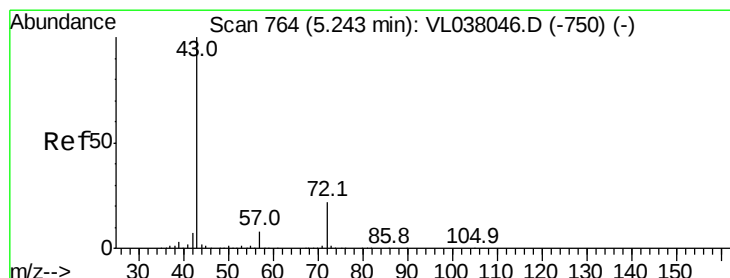
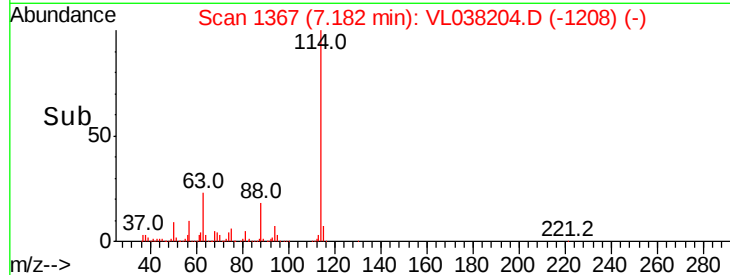
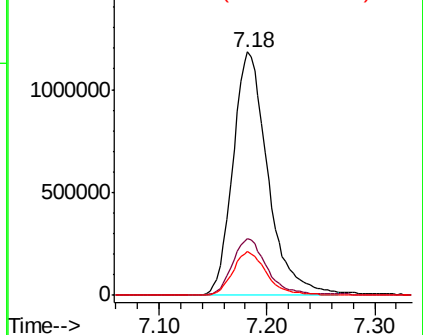
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 17 Dec 2021 00:58

Tot Ion: 114 Resp: 2673432

Ion	Ratio	Lower	Upper
114	100		
63	23.8	19.7	29.5
88	17.7	14.4	21.6



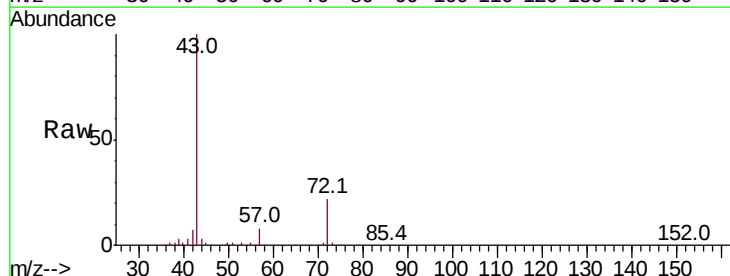
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



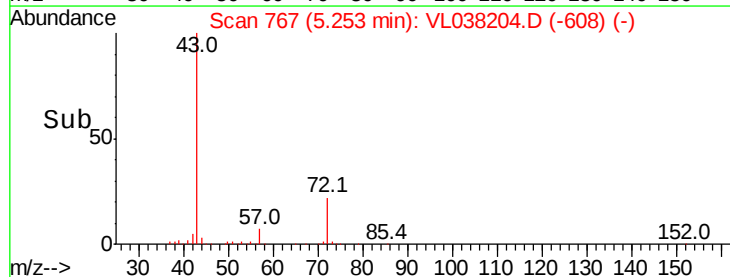
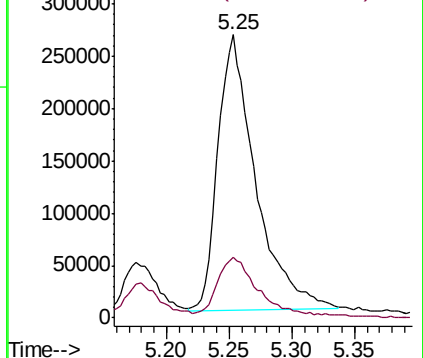
#34
 2-Butanone
 Concen: 5.086 ppbv
 RT: 5.25 min Scan# 767
 Delta R.T.: 0.01 min
 Lab File: VL038204.D
 Acq: 17 Dec 2021 00:58

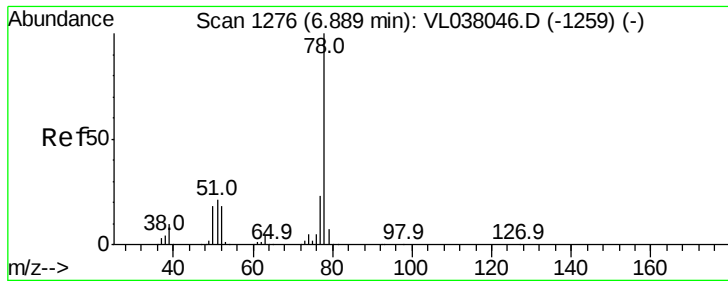
Tgt Ion: 43 Resp: 548273

Ion	Ratio	Lower	Upper
43	100		
72	26.2	18.8	28.2



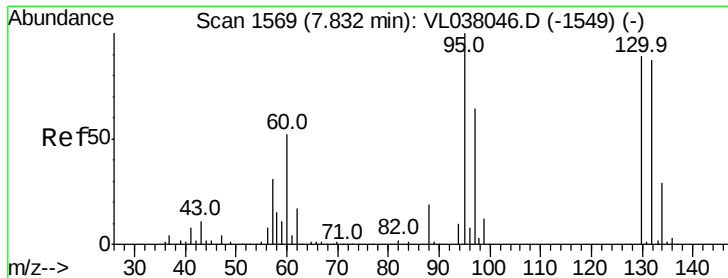
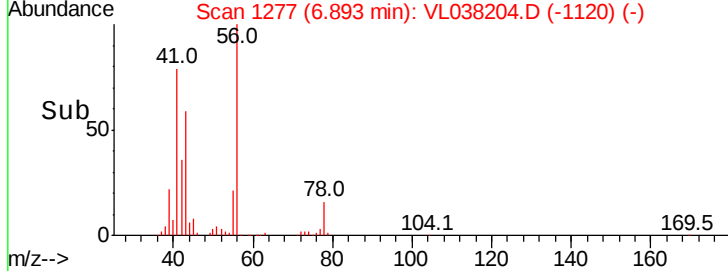
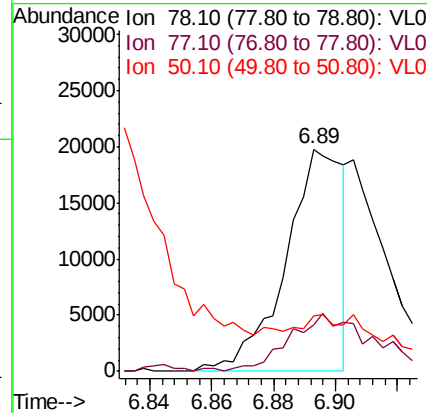
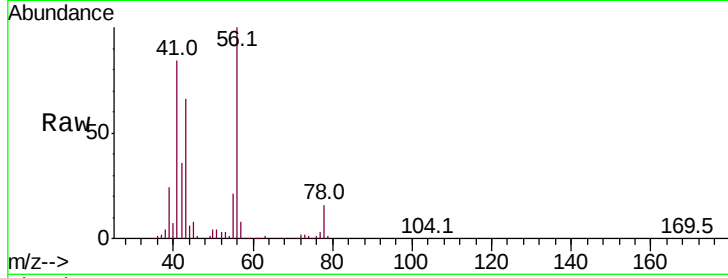
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





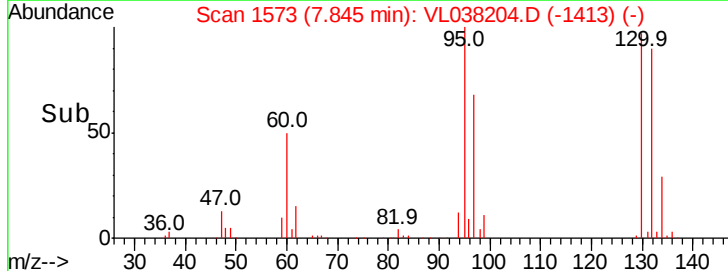
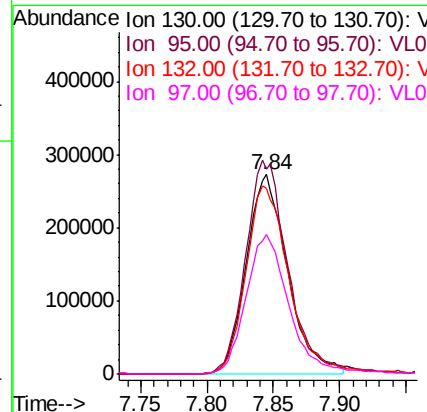
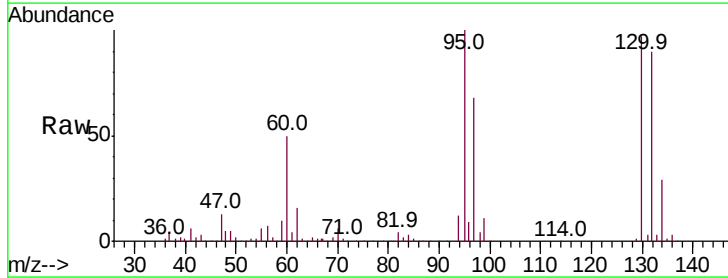
#36
Benzene
Concen: 0.095 ppbv
RT: 6.89 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 00:58

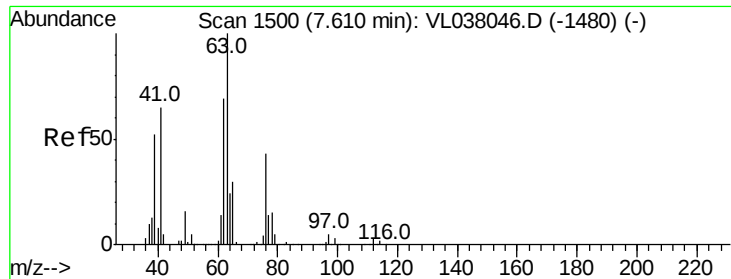
Tot Ion: 78 Resp: 25400
Ion Ratio Lower Upper
78 100
77 21.2 18.2 27.4
50 4.1 14.7 22.1#



#38
Trichloroethene
Concen: 5.895 ppbv
RT: 7.84 min Scan# 1573
Delta R.T.: 0.01 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

Tgt Ion: 130 Resp: 593022
Ion Ratio Lower Upper
130 100
95 102.8 89.4 134.2
132 92.9 78.2 117.2
97 69.9 57.0 85.4





#39

1,2-Dichloropropane

Concen: 6.009 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Dec 2021 00:58

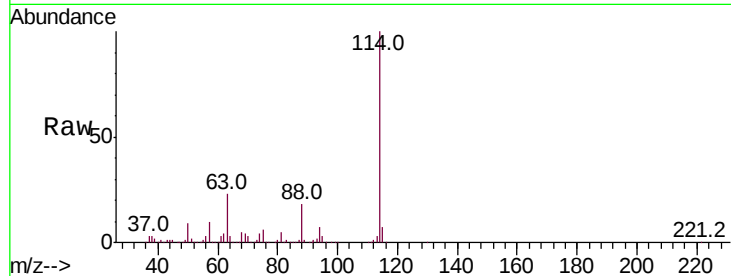
Tot Ion: 63 Resp: 614742

Ion Ratio Lower Upper

63 100

41 0.0 52.3 78.5#

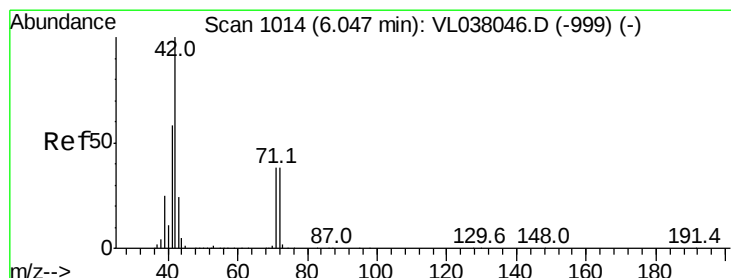
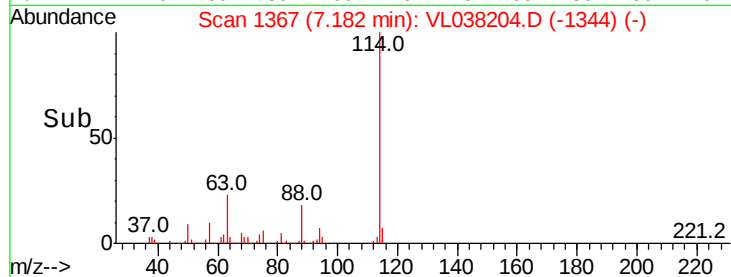
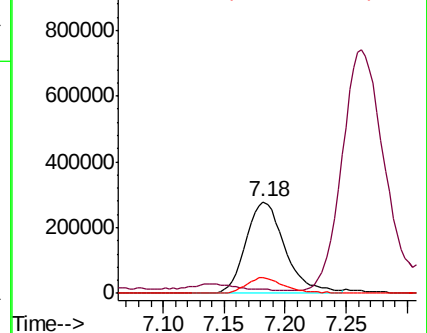
62 16.8 55.1 82.7#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 2.798 ppbv

RT: 6.01 min Scan# 1003

Delta R.T. -0.04 min

Lab File: VL038204.D

Acq: 17 Dec 2021 00:58

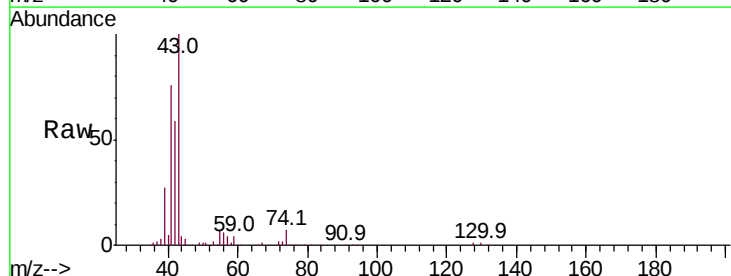
Tgt Ion: 42 Resp: 187260

Ion Ratio Lower Upper

42 100

72 2.7 31.7 47.5#

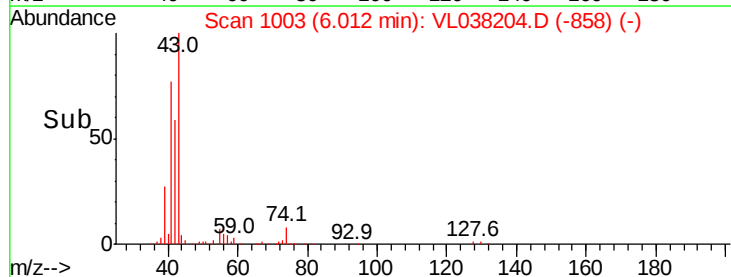
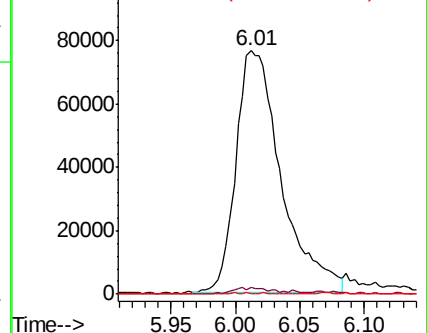
71 0.3 30.6 46.0#

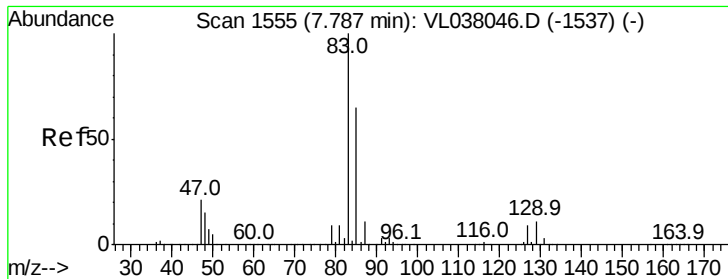


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.124 ppbv

RT: 7.80 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

Acq: 17 Dec 2021 00:58

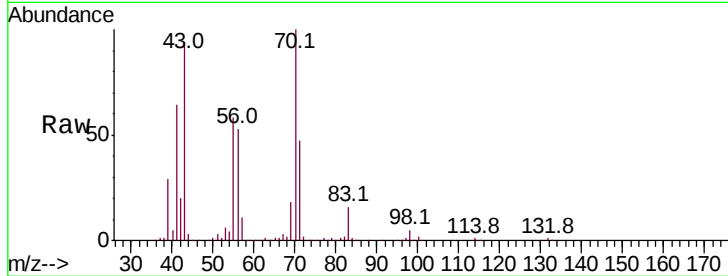
Tot Ion: 83 Resp: 24328

Ion Ratio Lower Upper

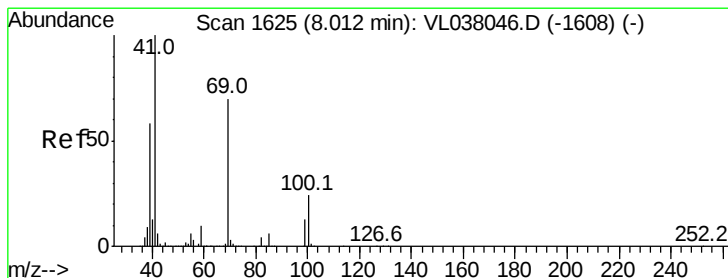
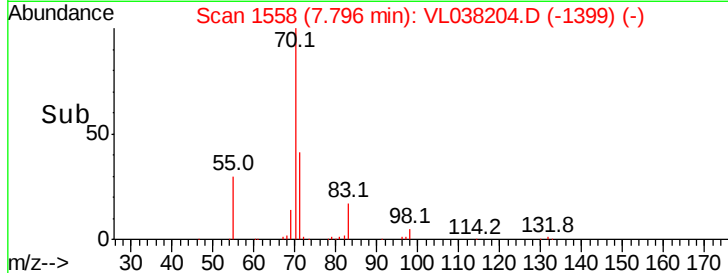
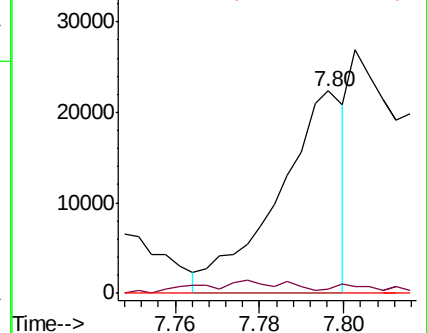
83 100

85 0.0 51.9 77.9#

127 0.0 6.8 10.2#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.518 ppbv

RT: 8.14 min Scan# 1664

Delta R.T. 0.13 min

Lab File: VL038204.D

Acq: 17 Dec 2021 00:58

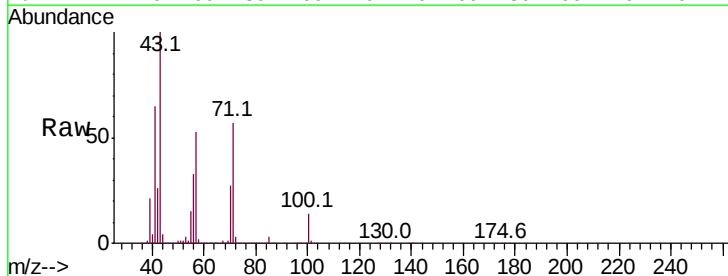
Tgt Ion: 69 Resp: 47294

Ion Ratio Lower Upper

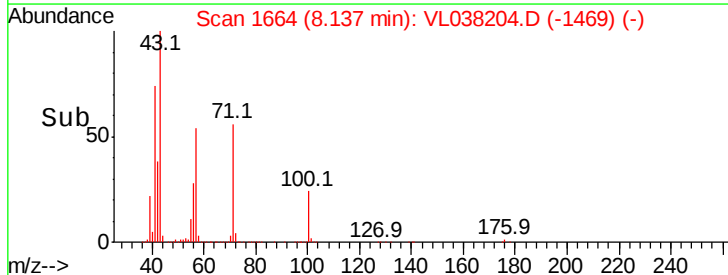
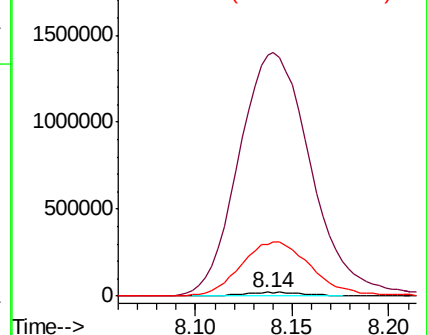
69 100

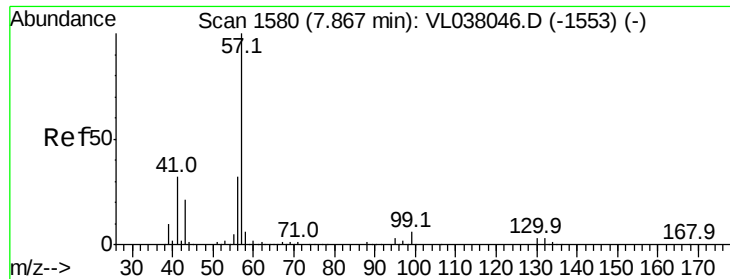
41 7732.3 116.7 175.1#

100 1699.3 27.3 40.9#



Abundance Ion 69.10 (68.80 to 69.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 100.10 (99.80 to 100.80): VL0





#44

2,2,4-Trimethylpentane

Concen: 0.241 ppbv

RT: 7.88 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 17 Dec 2021 00:58

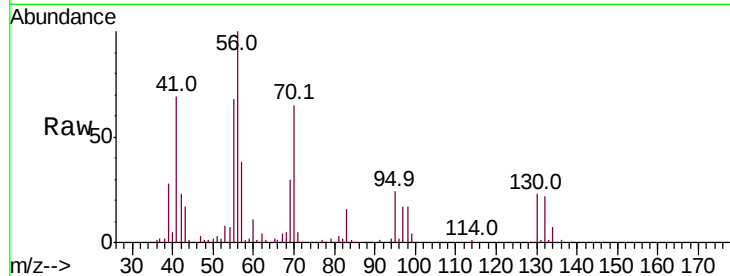
Tot Ion: 57 Resp: 107475

Ion Ratio Lower Upper

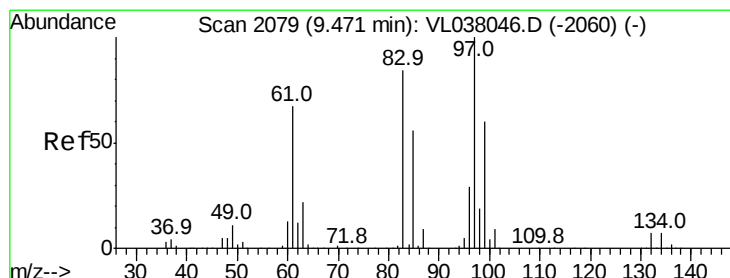
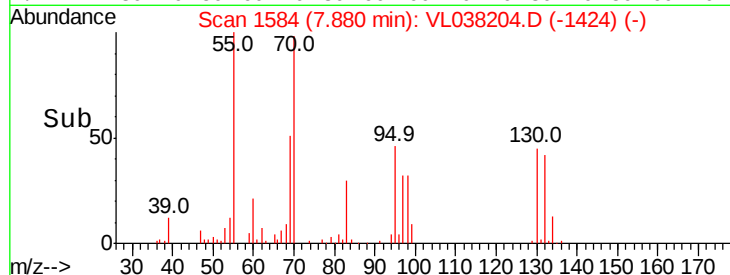
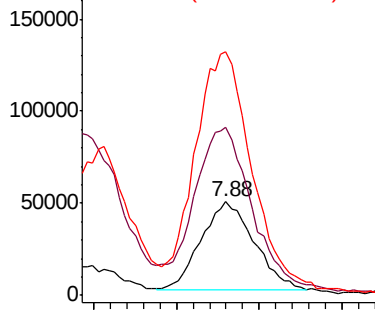
57 100

41 205.2 25.8 38.6#

56 303.8 25.6 38.4#



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



#47

1,1,2-Trichloroethane

Concen: 2.291 ppbv

RT: 9.59 min Scan# 2115

Delta R.T. 0.12 min

Lab File: VL038204.D

Acq: 17 Dec 2021 00:58

Tgt Ion: 97 Resp: 245496

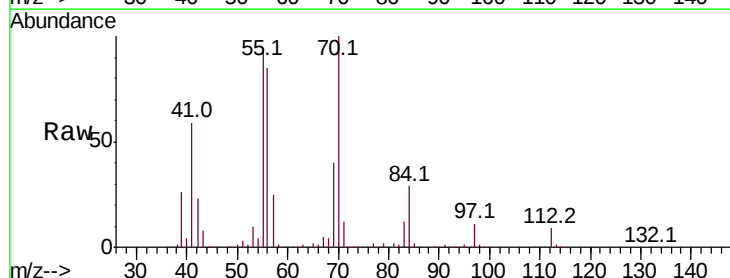
Ion Ratio Lower Upper

97 100

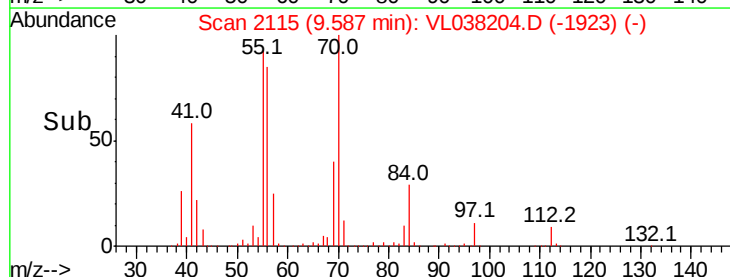
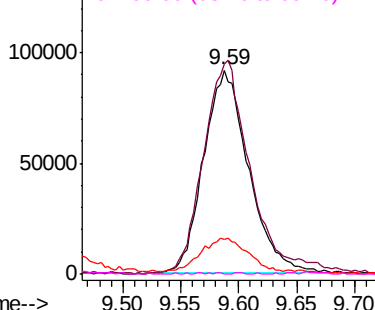
83 102.9 66.8 100.2#

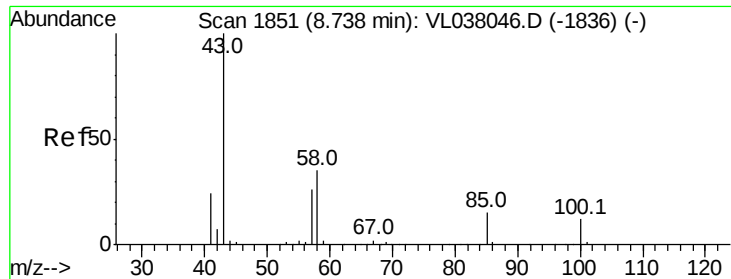
85 16.1 44.9 67.3#

99 0.0 48.0 72.0#



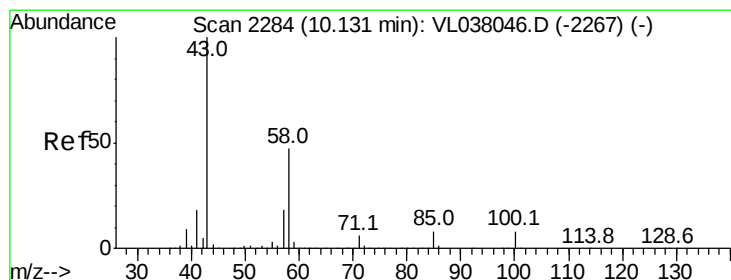
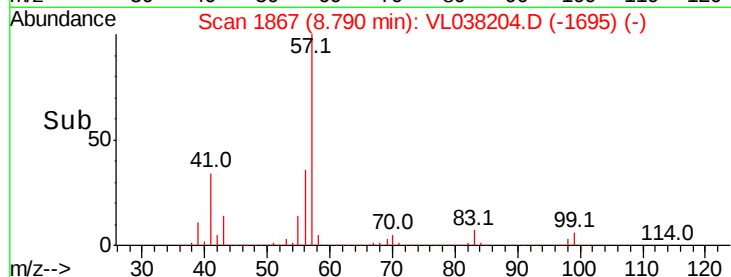
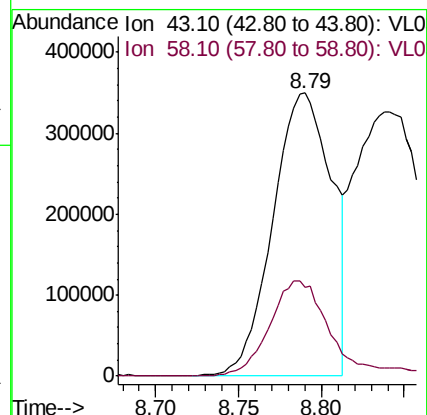
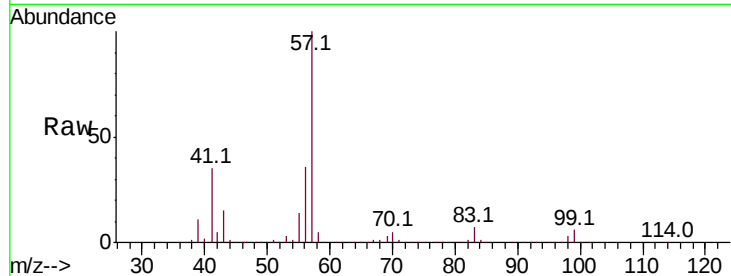
Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0
Ion 99.00 (98.70 to 99.70): VL0





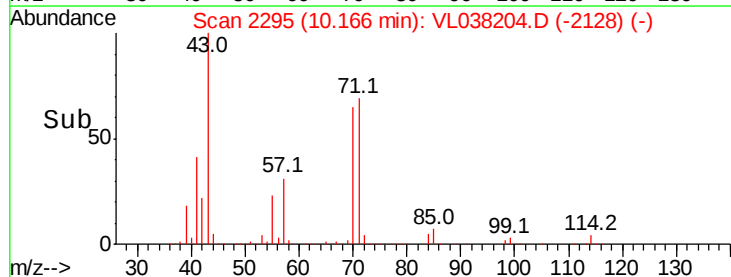
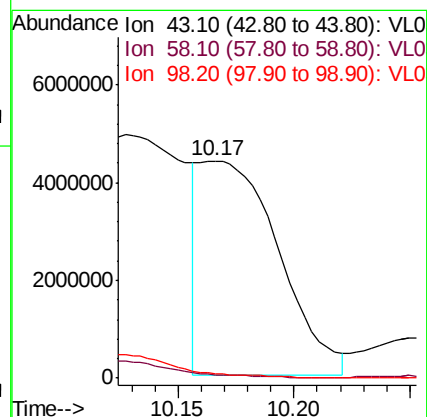
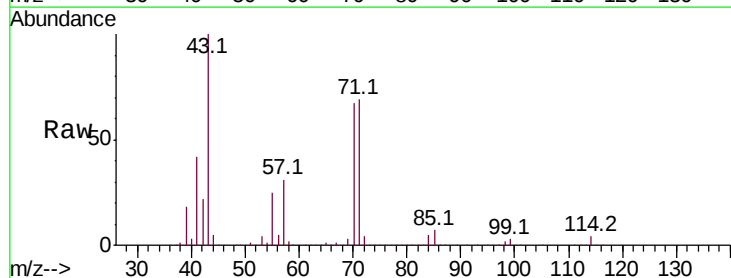
#50
4-Methyl-2-Pentanone
Concen: 5.258 ppbv
RT: 8.79 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 00:58

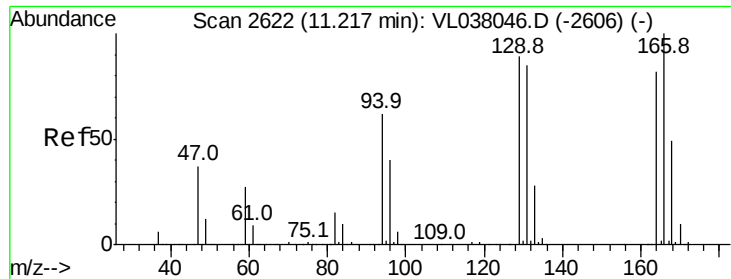
Tot Ion: 43 Resp: 860795
Ion Ratio Lower Upper
43 100
58 35.0 29.4 44.2



#51
2-Hexanone
Concen: 134.315 ppbv
RT: 10.17 min Scan# 2295
Delta R.T.: 0.04 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

Tgt Ion: 43 Resp: 10345236
Ion Ratio Lower Upper
43 100
58 0.0 41.1 61.7#
98 0.0 0.1 0.1#





#52

Tetrachloroethene

Concen: 52.969 ppbv

RT: 11.27

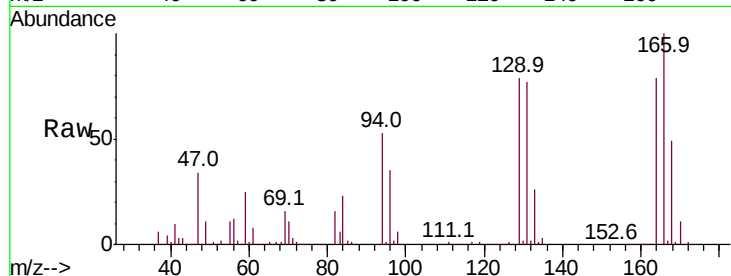
Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 17 Dec 2021 00:58

Tot Ion:164 Resp: 5226717

Ion	Ratio	Lower	Upper
164	100		
166	126.4	97.2	145.8
129	100.4	86.9	130.3
131	96.9	82.8	124.2



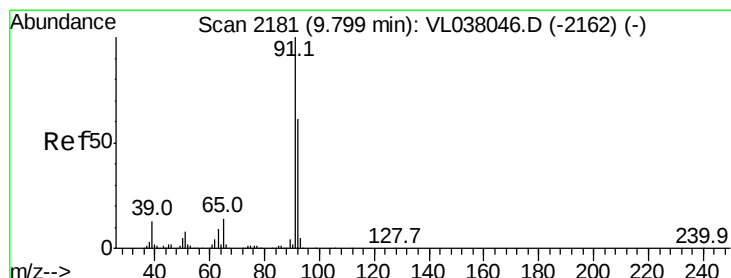
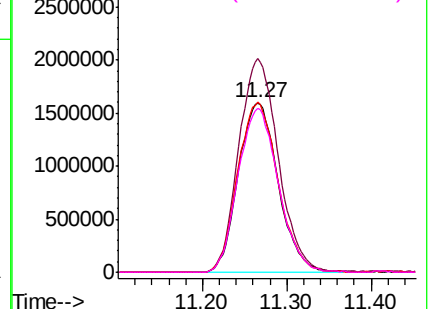
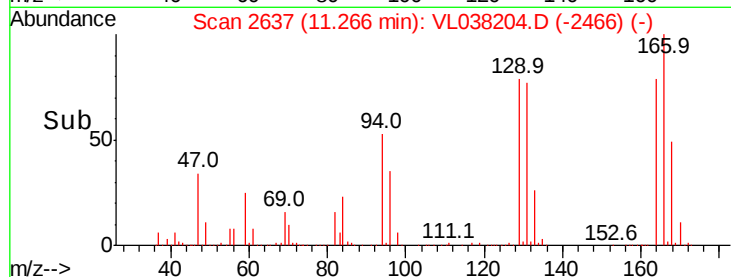
Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 1.126 ppbv

RT: 9.82 min Scan# 2188

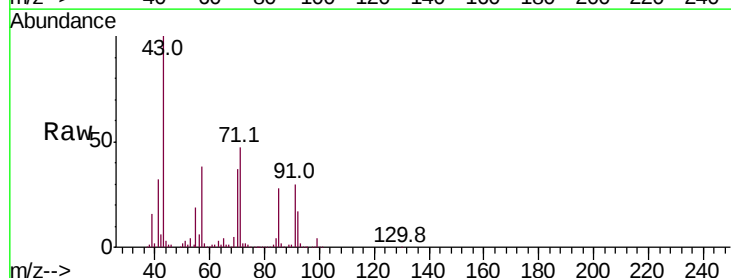
Delta R.T. 0.02 min

Lab File: VL038204.D

Acq: 17 Dec 2021 00:58

Tgt Ion: 91 Resp: 345458

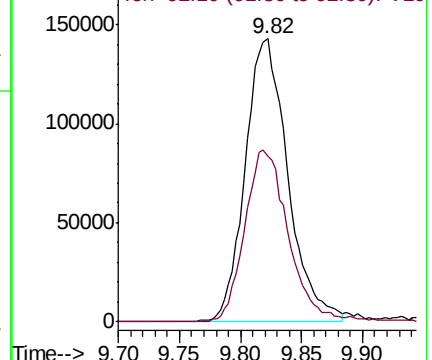
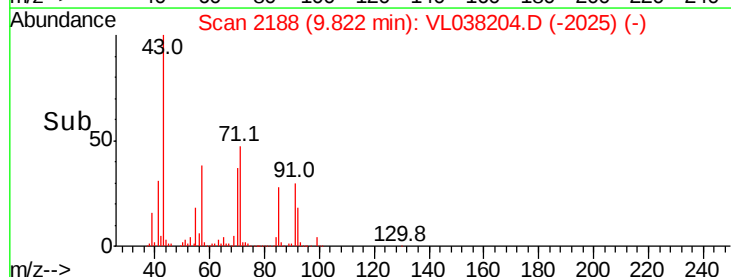
Ion	Ratio	Lower	Upper
91	100		
92	62.2	49.7	74.5

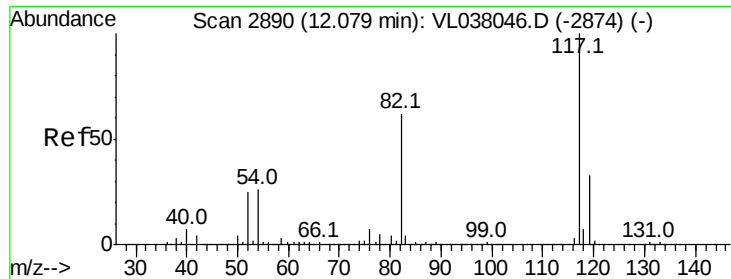


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

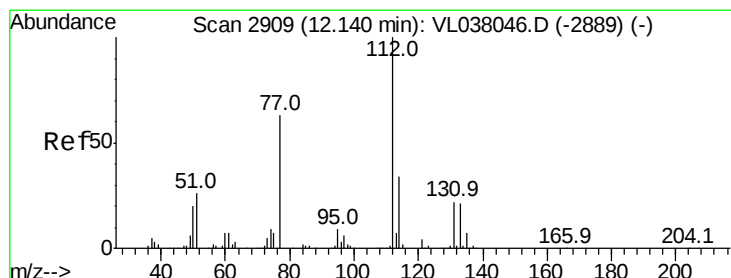
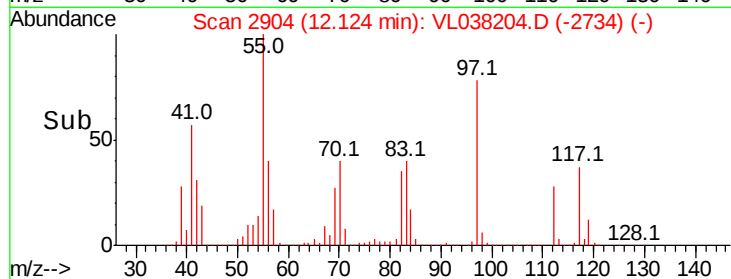
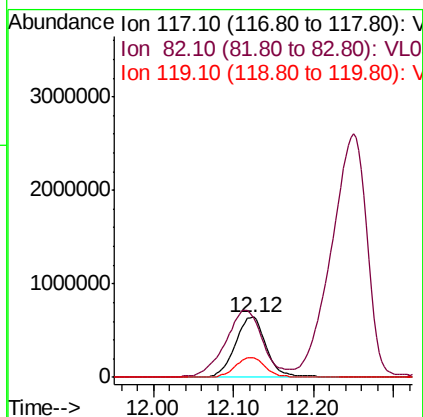
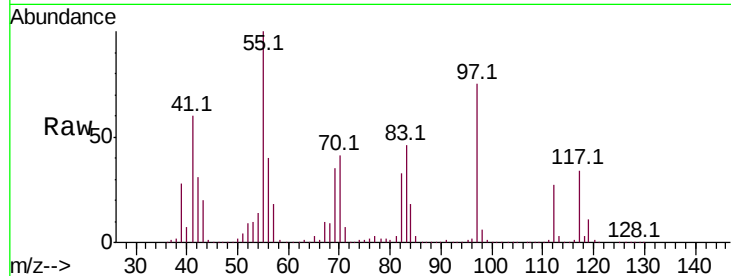




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 00:58

Tot Ion:117 Resp: 1693411

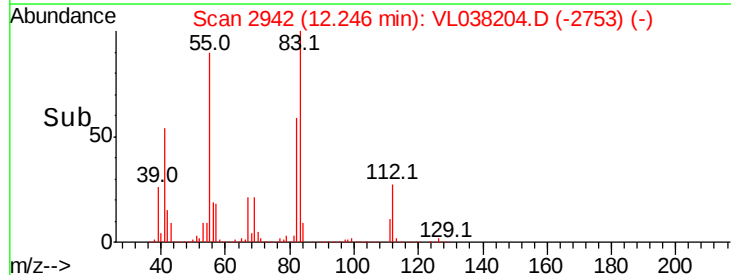
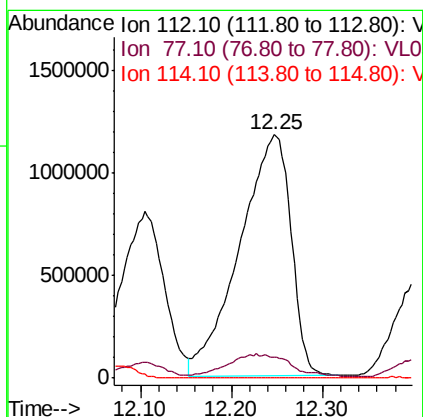
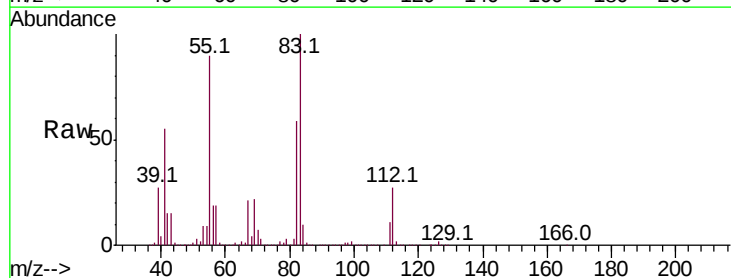
Ion	Ratio	Lower	Upper
117	100		
82	136.5	52.8	79.2#
119	32.9	26.8	40.2

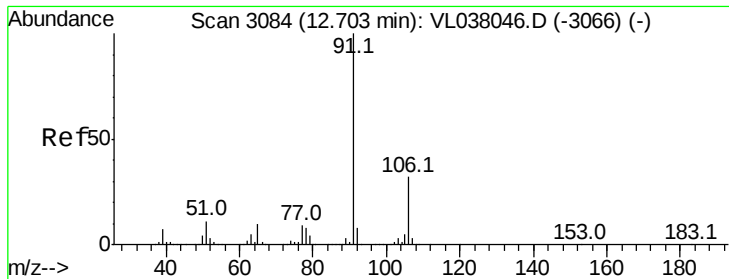


#57
Chlorobenzene
Concen: 30.373 ppbv
RT: 12.25 min Scan# 2942
Delta R.T.: 0.11 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

Tgt Ion:112 Resp: 4609893

Ion	Ratio	Lower	Upper
112	100		
77	7.8	50.3	75.5#
114	0.3	30.7	37.5#





#58

Ethyl Benzene

Concen: 50.466 ppbv

RT: 12.75

Delta R.T. MSVOA_1

Lab File: ClientSampleId :

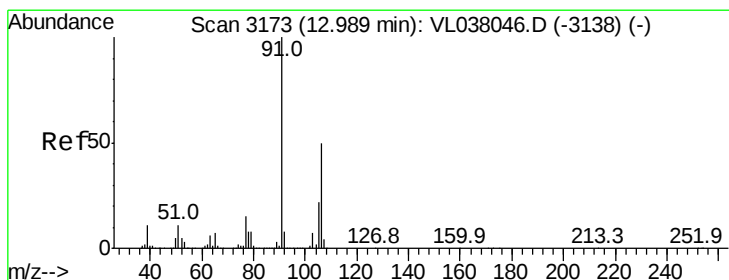
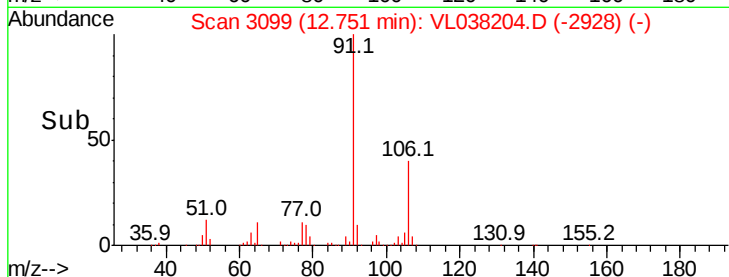
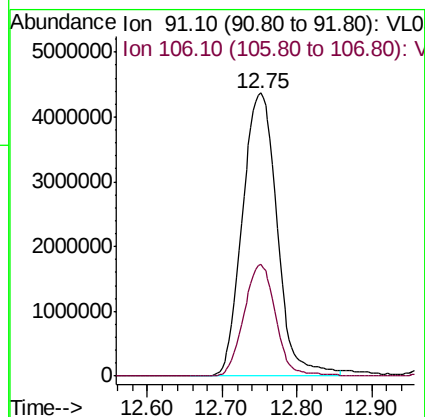
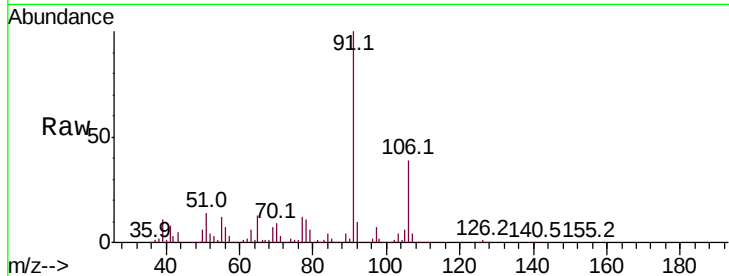
Acq: 17 Dec 2021 00:58

Tot Ion: 91 Resp:14124951

Ion Ratio Lower Upper

91 100

106 39.5 25.8 38.6#



#59

m/p-Xylene

Concen: 78.357 ppbv

RT: 13.01 min Scan# 3180

Delta R.T. 0.02 min

Lab File: VL038204.D

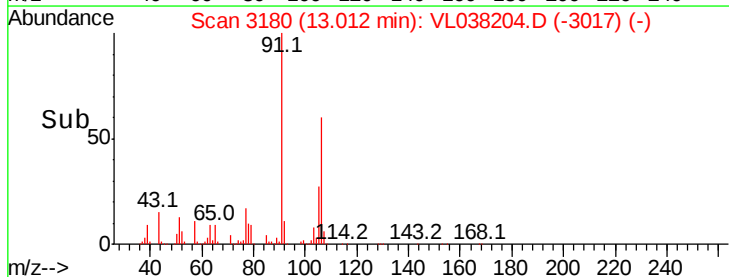
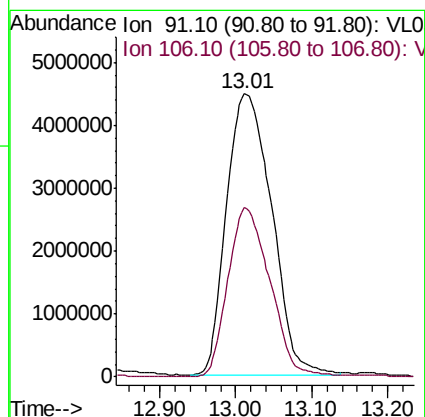
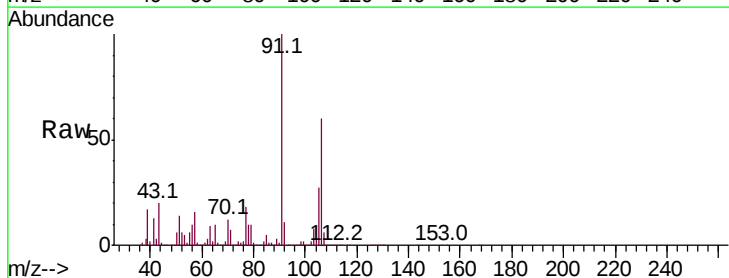
Acq: 17 Dec 2021 00:58

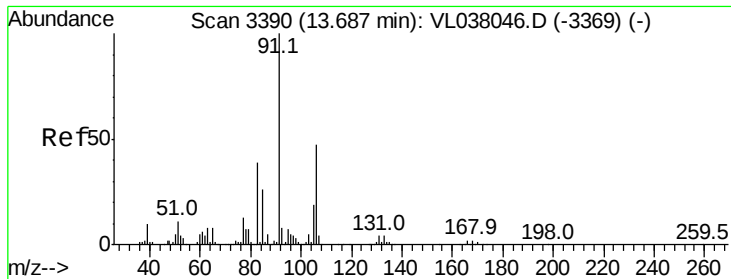
Tgt Ion: 91 Resp:18461696

Ion Ratio Lower Upper

91 100

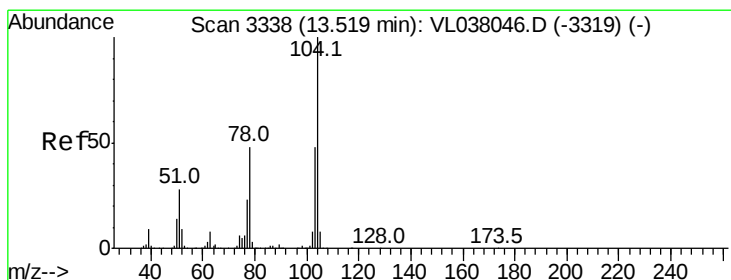
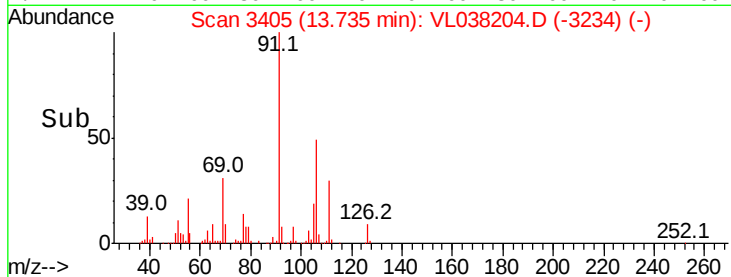
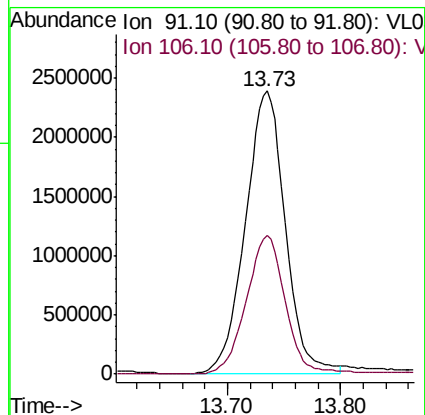
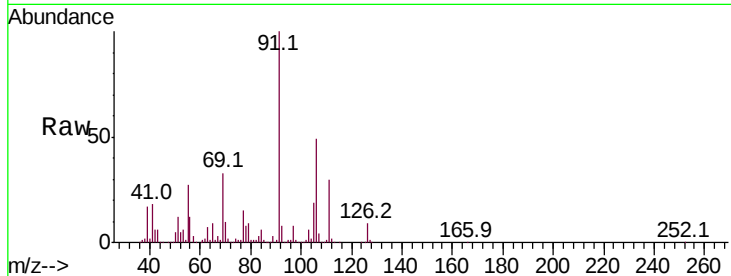
106 55.9 38.1 57.1





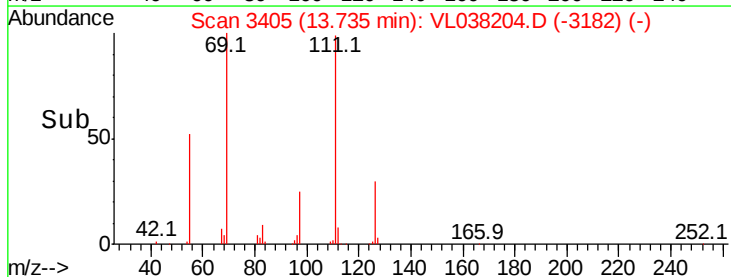
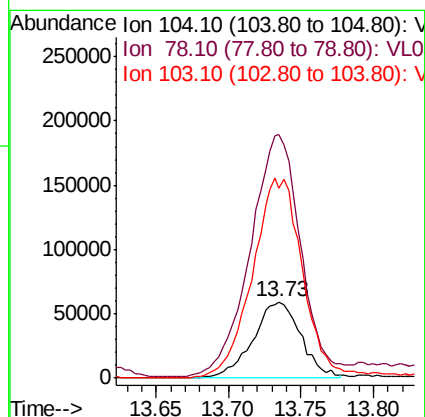
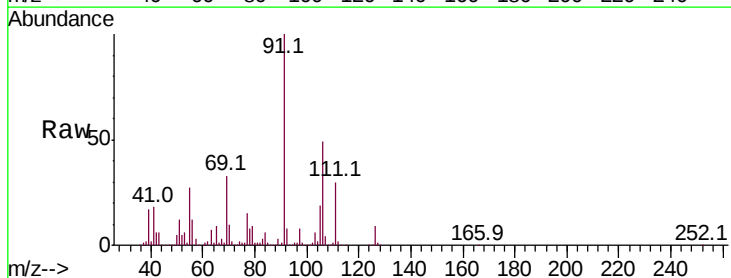
#60
o-Xylene
Concen: 26.702 ppbv
RT: 13.73 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 17 Dec 2021 00:58

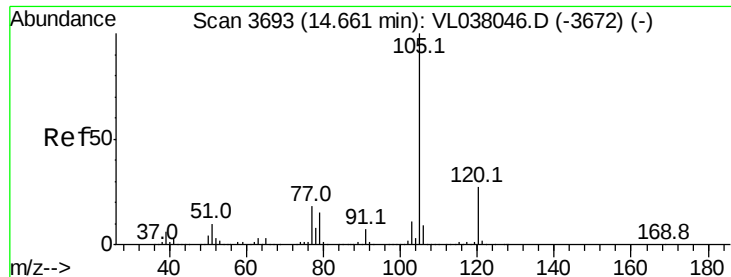
Tot Ion: 91 Resp: 5836051
Ion Ratio Lower Upper
91 100
106 49.0 24.2 72.6



#61
Styrene
Concen: 1.168 ppbv
RT: 13.73 min Scan# 3405
Delta R.T. 0.22 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

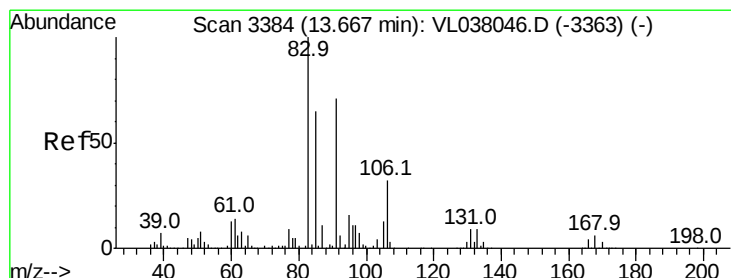
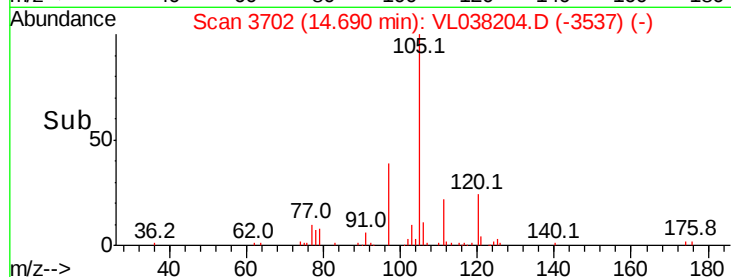
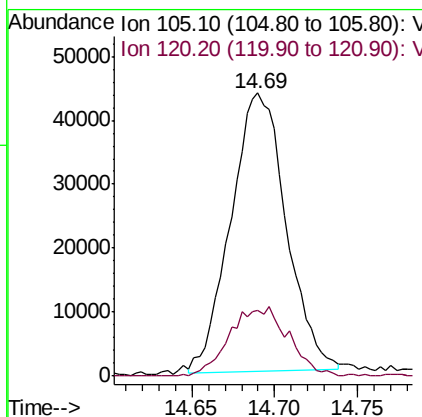
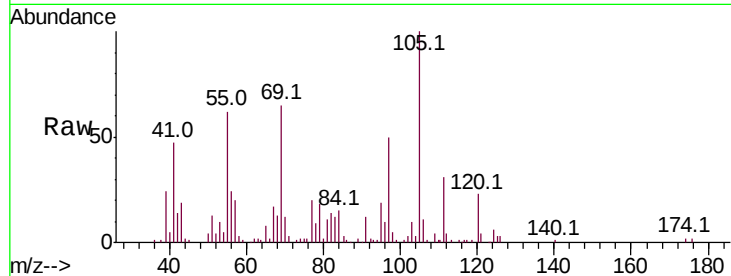
Tgt Ion:104 Resp: 136813
Ion Ratio Lower Upper
104 100
78 366.2 39.8 59.6#
103 277.5 38.2 57.2#





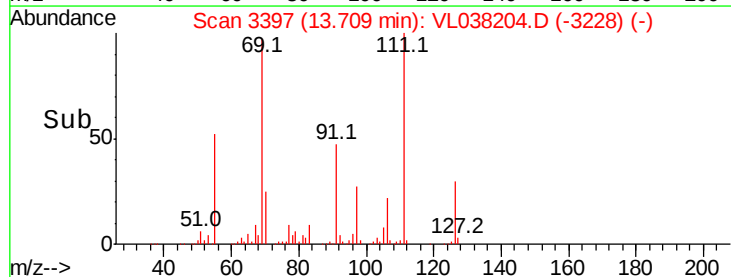
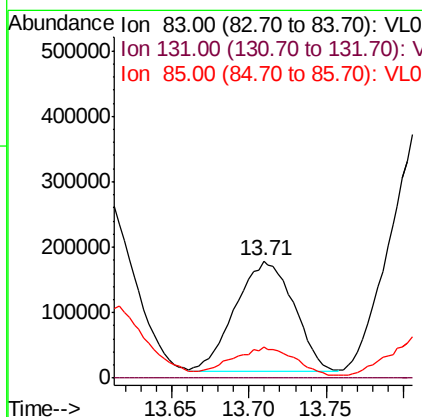
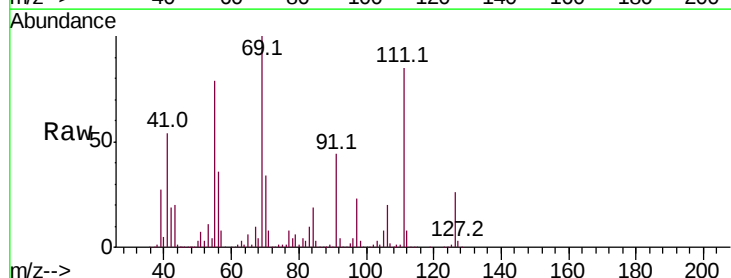
#62
Isopropylbenzene
Concen: 0.327 ppbv
RT: 14.69
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 17 Dec 2021 00:58

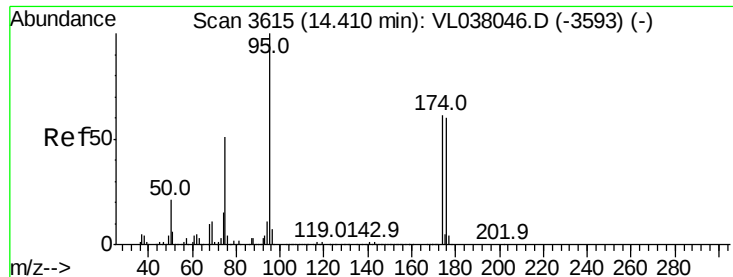
Tot Ion: 105 Resp: 101599
Ion Ratio Lower Upper
105 100
120 26.4 21.8 32.6



#63
1,1,2,2-Tetrachloroethane
Concen: 2.718 ppbv
RT: 13.71 min Scan# 3397
Delta R.T.: 0.04 min
Lab File: VL038204.D
Acq: 17 Dec 2021 00:58

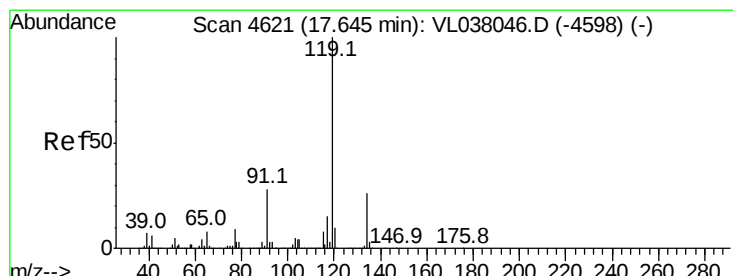
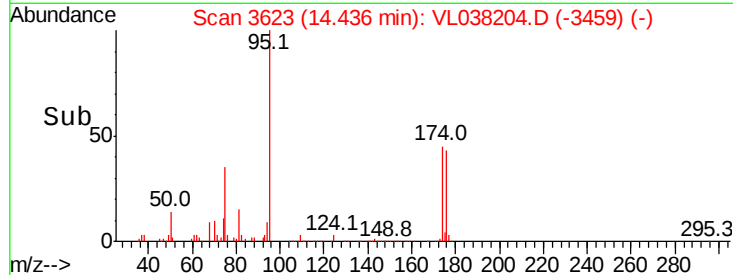
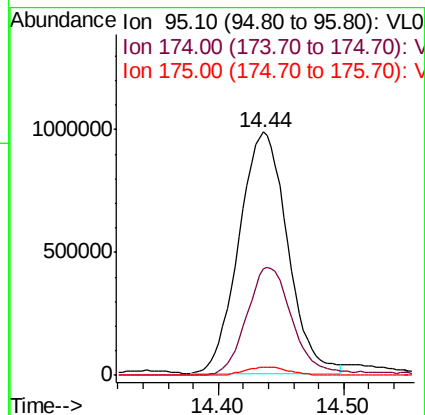
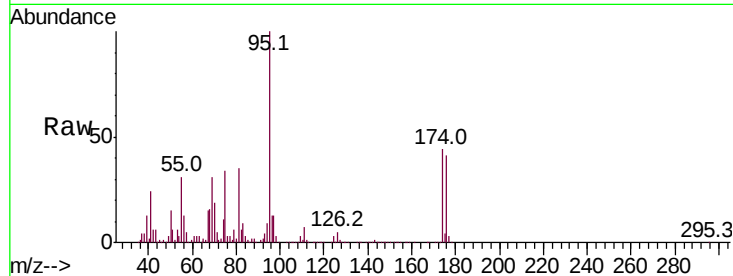
Tgt Ion: 83 Resp: 441291
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.7#
85 28.0 33.4 100.1#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 21.566 ppbv
 RT: 14.44 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 17 Dec 2021 00:58

Tot Ion: 95 Resp: 2634263
 Ion Ratio Lower Upper
 95 100
 174 44.3 53.1 79.7#
 175 3.3 4.0 6.0#



#69
 p-Isopropyltoluene
 Concen: 0.222 ppbv
 RT: 17.66 min Scan# 4627
 Delta R.T. 0.02 min
 Lab File: VL038204.D
 Acq: 17 Dec 2021 00:58

Tgt Ion: 119 Resp: 66074
 Ion Ratio Lower Upper
 119 100
 134 26.9 20.6 30.8
 91 33.6 22.2 33.4#

