

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038104.D
 Acq On : 23 Nov 2021 18:01
 Operator : SY/AP
 Sample : M4805-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-CURATED-HOME

Quant Time: Nov 24 06:54:53 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	5.66	49	960356	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2794461	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2363155	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1906163	11.18	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.80%

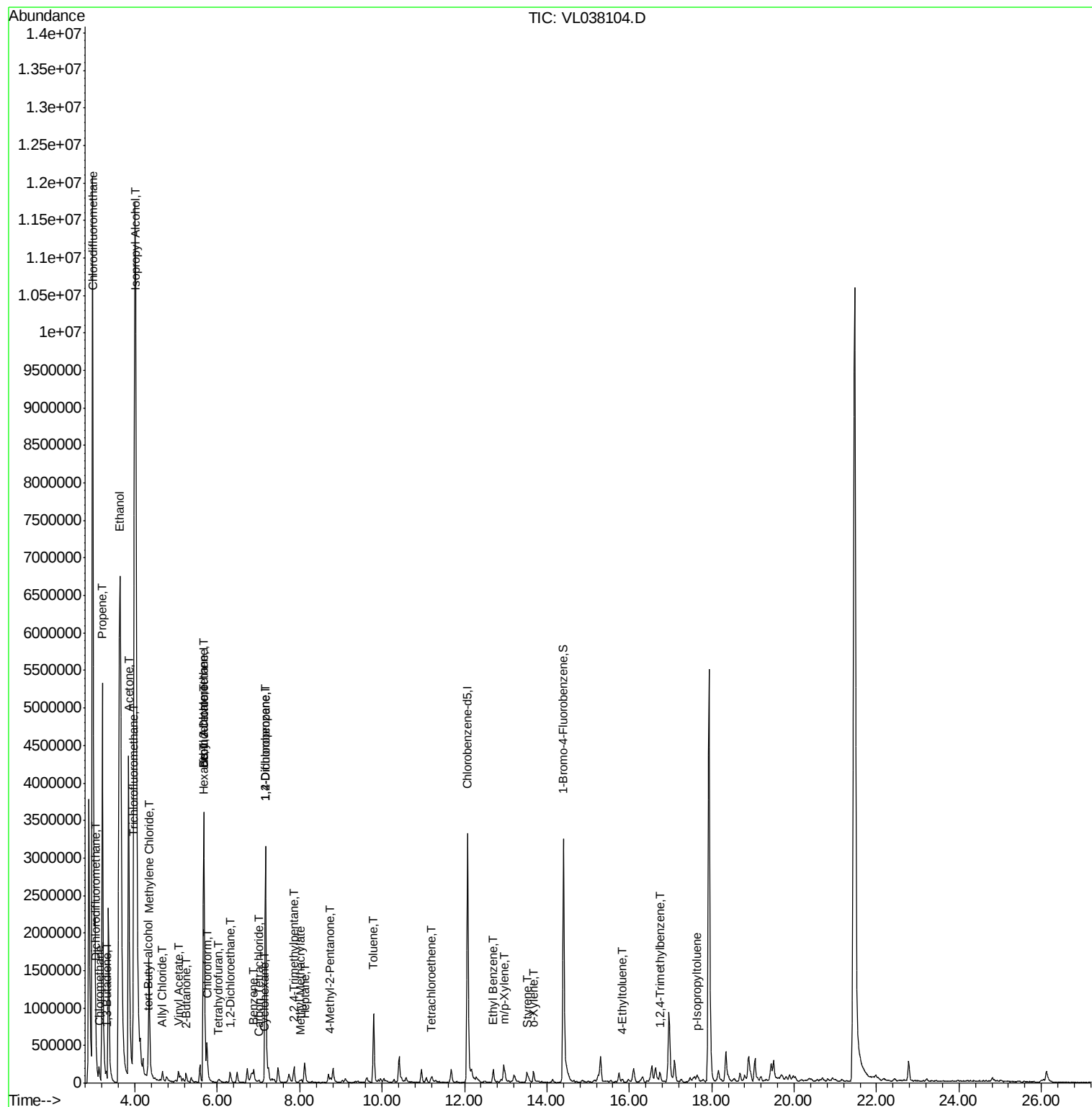
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	37203	0.235	ppbv	93
3) Chlorodifluoromethane	2.97	51	11535542	57.198	ppbv #	61
4) Chloromethane	3.15	50	36641	0.534	ppbv	99
9) Propene	3.21	41	2074234	27.926	ppbv	100
10) Heptane	8.11	43	117098	0.638	ppbv	98
11) Trichlorofluoromethane	3.95	101	260827	1.729	ppbv	91
13) Ethanol	3.64	45	16897757	2354.183	ppbv	93
15) Acetone	3.84	43	5850756	70.267	ppbv	99
16) 1,3-Butadiene	3.30	39	24919	0.384	ppbv #	9
17) tert-Butyl alcohol	4.31	59	25218	0.250	ppbv #	51
19) Isopropyl Alcohol	4.01	45	26863464	446.521	ppbv #	98
20) Methylene Chloride	4.34	84	693529	14.870	ppbv	95
21) Allyl Chloride	4.66	41	71957	0.934	ppbv #	20
23) Vinyl Acetate	5.07	43	45217	0.375	ppbv #	59
25) Ethyl Acetate	5.67	43	2556784	9.239	ppbv #	93
26) Hexane	5.68	57	414778	3.110	ppbv #	1
29) Chloroform	5.75	83	344146	1.751	ppbv	98
30) Cyclohexane	7.12	84	4856	0.040	ppbv #	1
31) cis-1,2-Dichloroethene	5.66	61	290718	2.291	ppbv #	22
34) 2-Butanone	5.24	43	144828	1.285	ppbv	94
35) Carbon Tetrachloride	7.01	117	8777	0.045	ppbv #	80
36) Benzene	6.88	78	111499	0.400	ppbv	96
37) 1,2-Dichloroethane	6.30	62	44223	0.328	ppbv	100
39) 1,2-Dichloropropane	7.17	63	698163	6.529	ppbv #	26
41) Tetrahydrofuran	6.02	42	3490	0.050	ppbv #	11
43) Methyl Methacrylate	8.01	69	3813	0.040	ppbv #	1
44) 2,2,4-Trimethylpentane	7.86	57	199131	0.427	ppbv	91
50) 4-Methyl-2-Pentanone	8.73	43	6665	0.039	ppbv #	38
52) Tetrachloroethene	11.20	164	6779	0.066	ppbv	91
53) Toluene	9.80	91	745613	2.325	ppbv	96
58) Ethyl Benzene	12.70	91	158923	0.407	ppbv	95
59) m/p-Xylene	12.98	91	10173	0.031	ppbv #	29
60) o-Xylene	13.68	91	103551	0.340	ppbv	95
61) Styrene	13.52	104	75276	0.460	ppbv	92
69) p-Isopropyltoluene	17.64	119	47637	0.115	ppbv #	70
72) 4-Ethyltoluene	15.82	105	15963	0.045	ppbv #	64
74) 1,2,4-Trimethylbenzene	16.74	105	92963	0.279	ppbv #	66

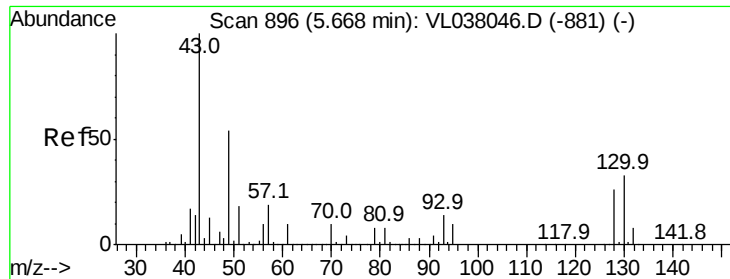
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA-CURATED-HOME

Acq: 23 Nov 2021 18:01

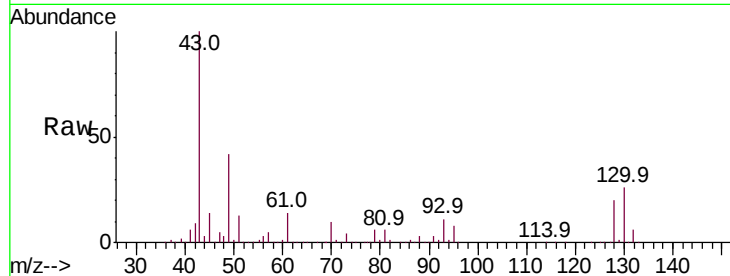
Tot Ion: 49 Resp: 960356

Ion Ratio Lower Upper

49 100

128 49.0 26.5 79.5

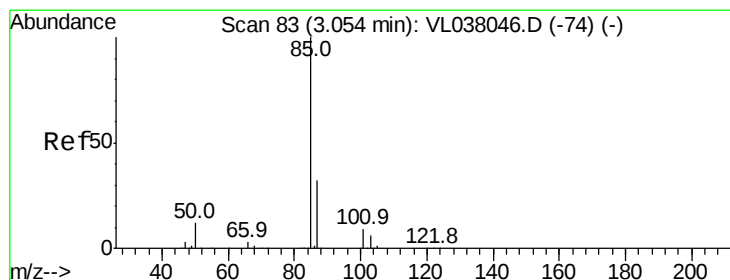
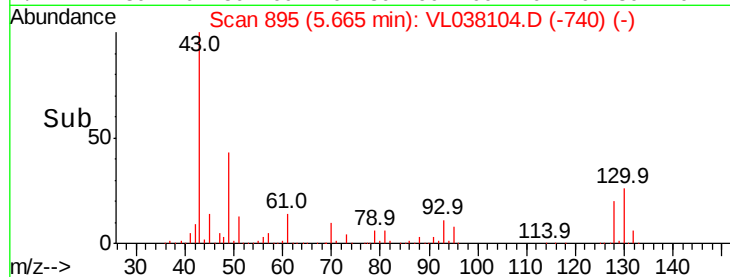
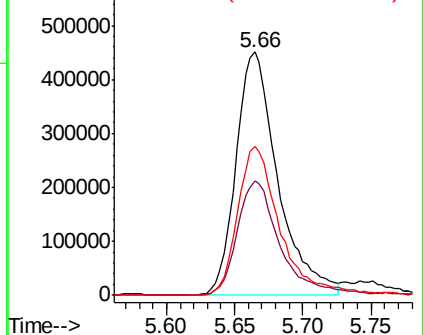
130 63.2 32.5 97.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.235 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.00 min

Lab File: VL038104.D

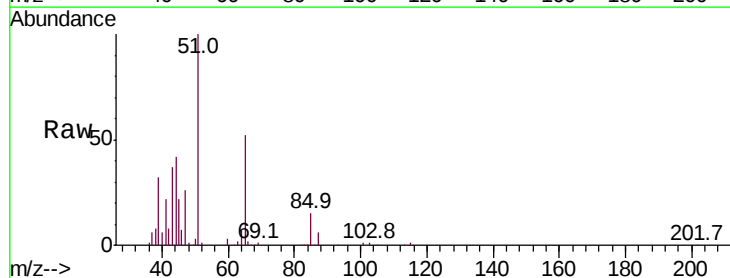
Acq: 23 Nov 2021 18:01

Tgt Ion: 85 Resp: 37203

Ion Ratio Lower Upper

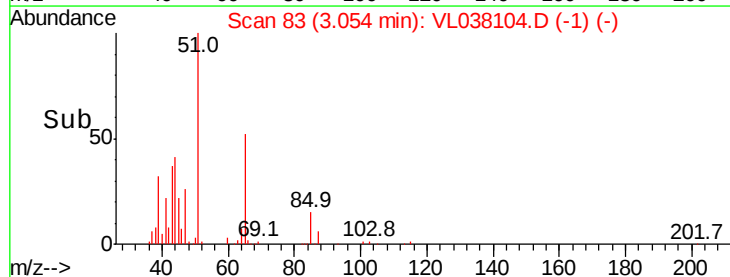
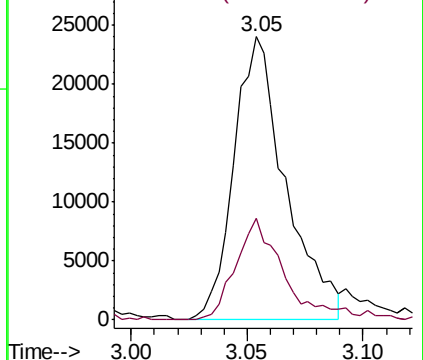
85 100

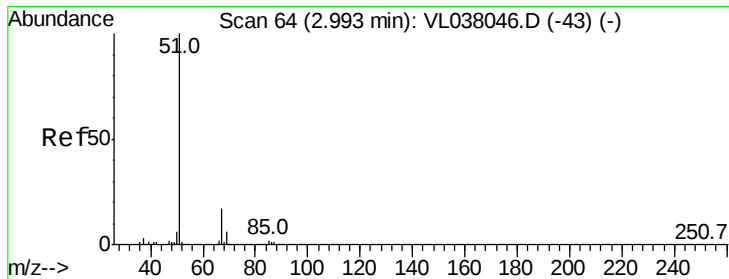
87 35.9 25.8 38.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

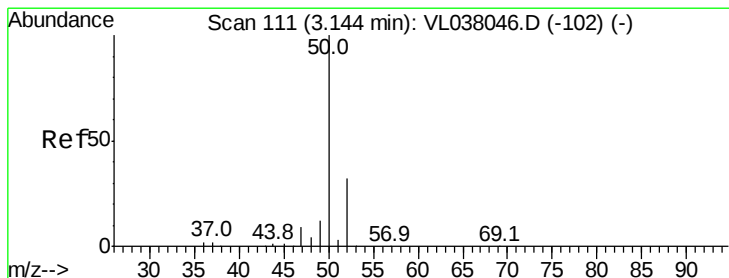
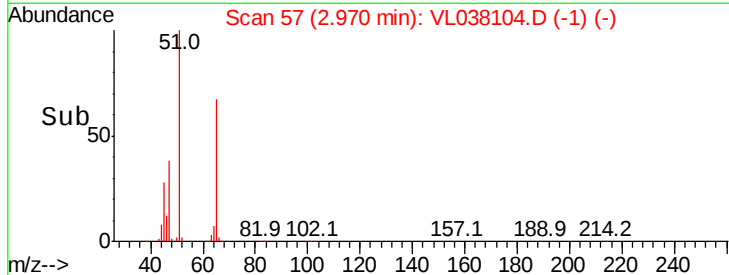
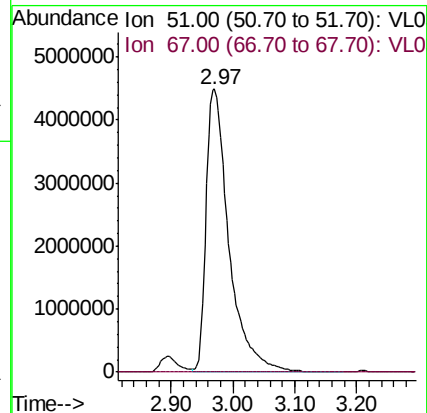
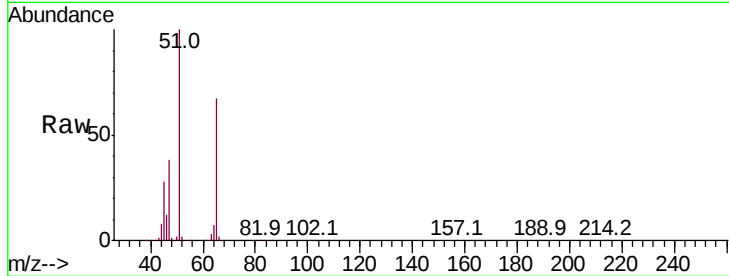
Ion 87.00 (86.70 to 87.70): VL0





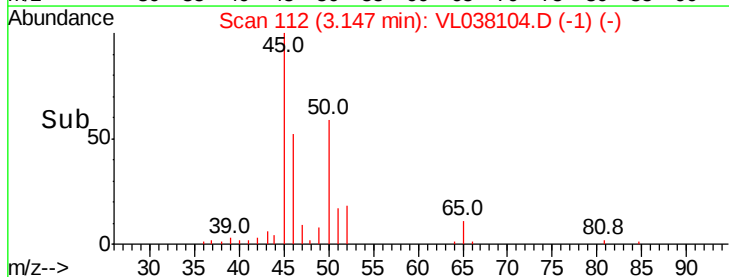
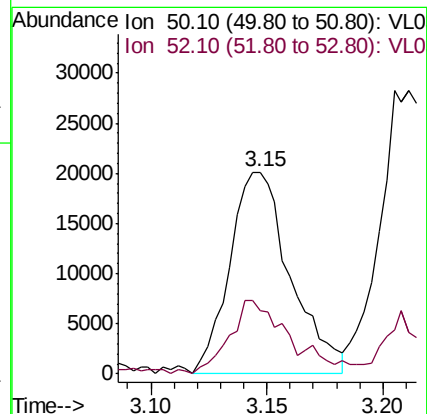
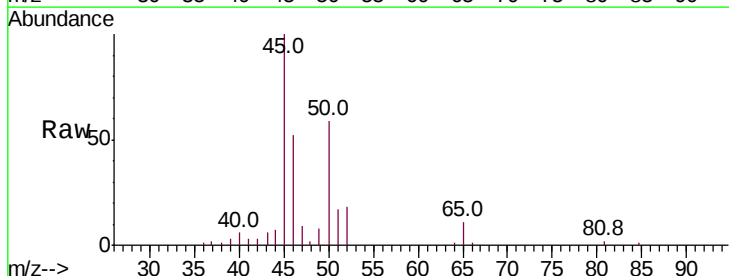
#3
 Chlorodifluoromethane
 Concen: 57.198 ppbv
 RT: 2.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 18:01

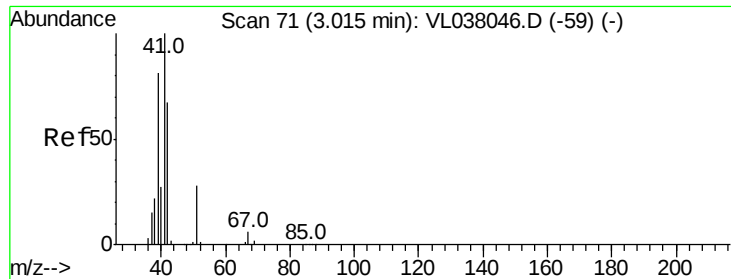
Tot Ion: 51 Resp: 1153542
 Ion Ratio Lower Upper
 51 100
 67 0.1 13.8 20.8#



#4
 Chloromethane
 Concen: 0.534 ppbv
 RT: 3.15 min Scan# 112
 Delta R.T. 0.00 min
 Lab File: VL038104.D
 Acq: 23 Nov 2021 18:01

Tgt Ion: 50 Resp: 36641
 Ion Ratio Lower Upper
 50 100
 52 31.1 25.4 38.0





#9

Propene

Concen: 27.926 ppbv

RT: 3.21 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

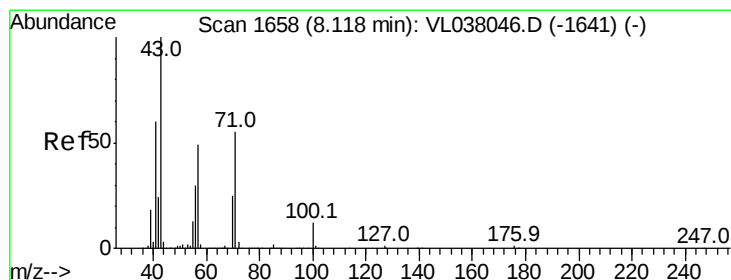
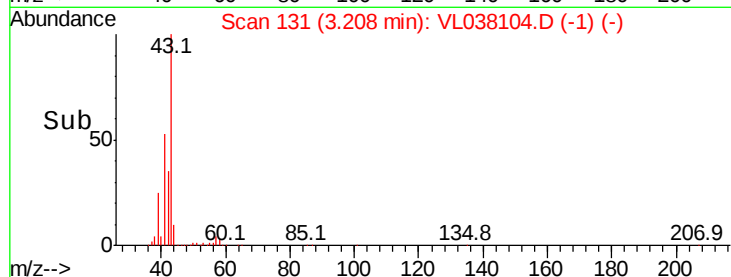
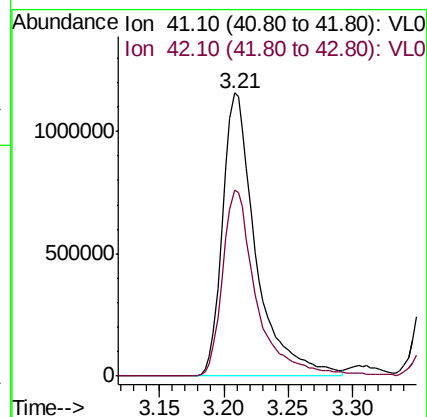
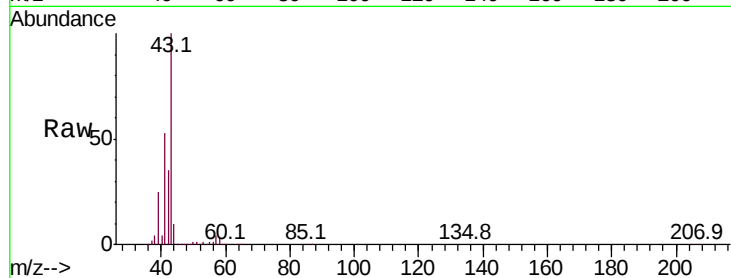
Acq: 23 Nov 2021 18:01

Tot Ion: 41 Resp: 2074234

Ion Ratio Lower Upper

41 100

42 66.9 53.8 80.8



#10

Heptane

Concen: 0.638 ppbv

RT: 8.11 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VL038104.D

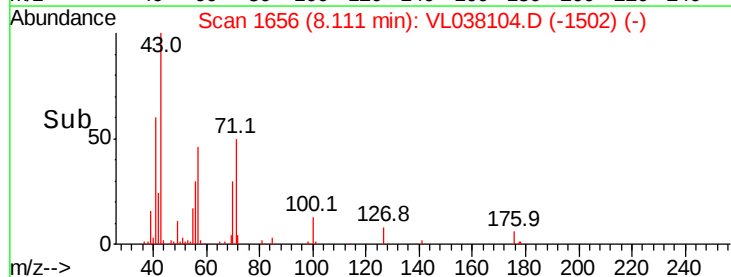
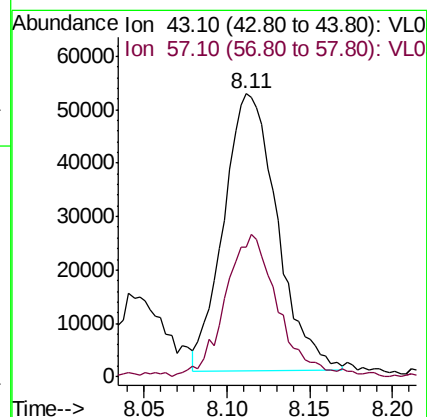
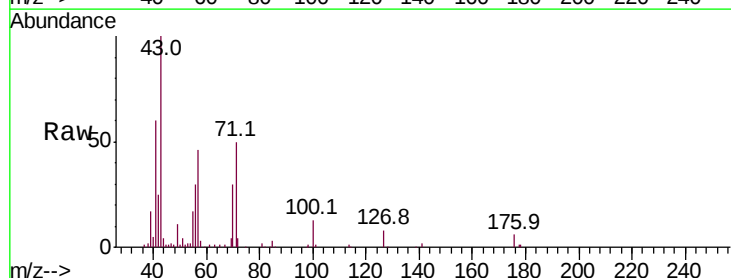
Acq: 23 Nov 2021 18:01

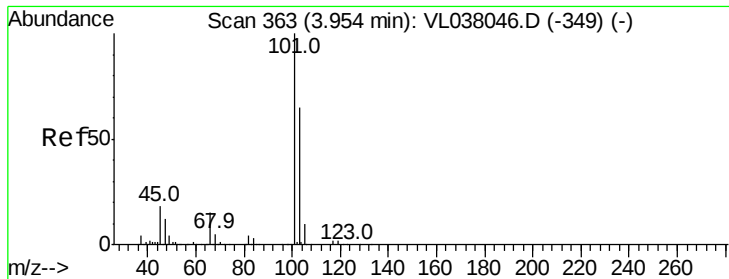
Tgt Ion: 43 Resp: 117098

Ion Ratio Lower Upper

43 100

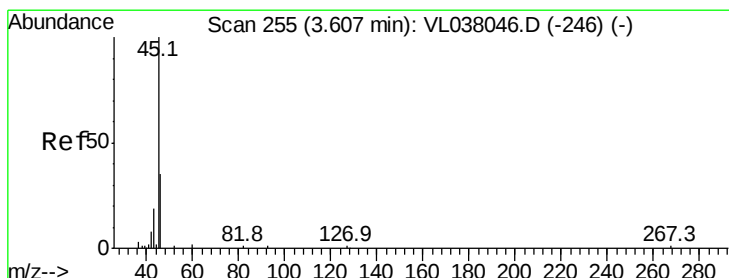
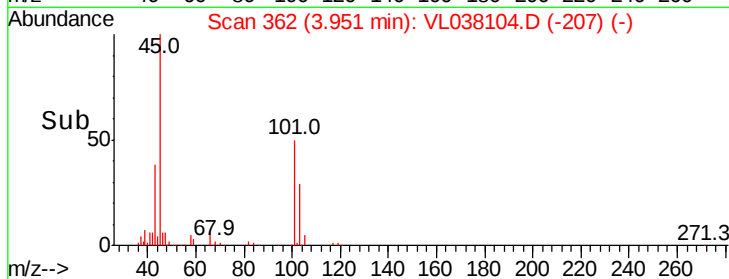
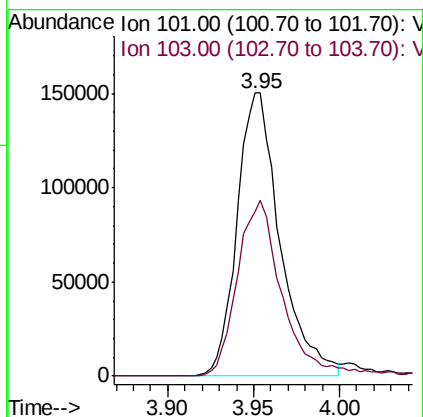
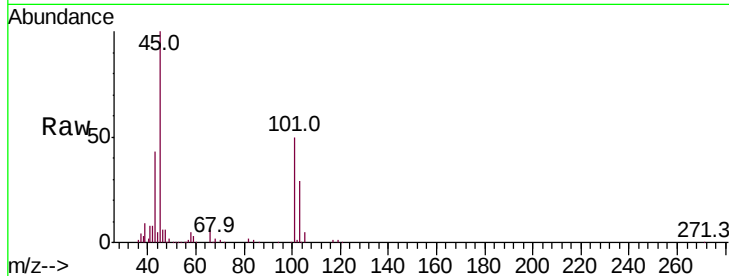
57 49.1 40.4 60.6





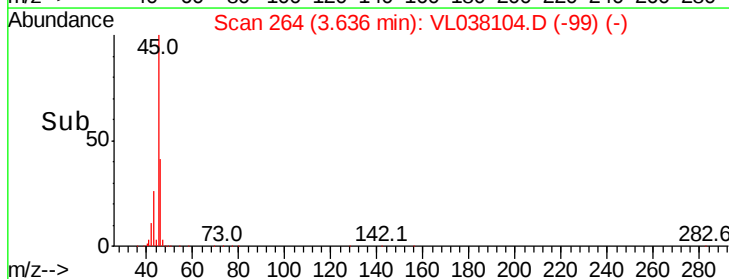
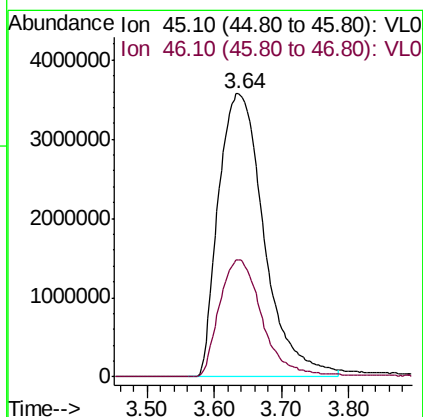
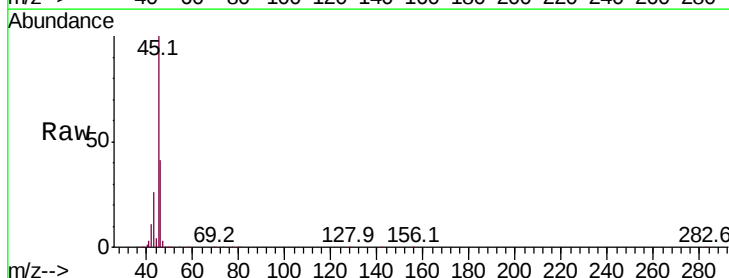
#11
 Trichlorofluoromethane
 Concen: 1.729 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 18:01

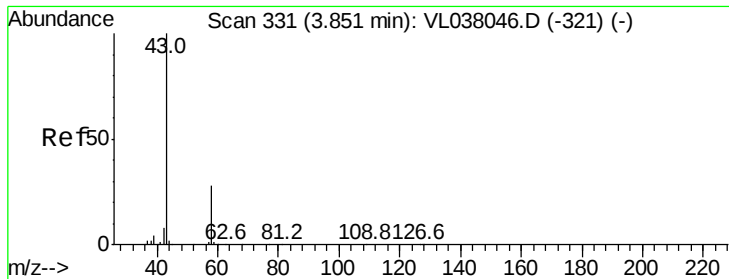
Tot Ion: 101 Resp: 260827
 Ion Ratio Lower Upper
 101 100
 103 57.9 51.8 77.6



#13
 Ethanol
 Concen: 2354.183 ppbv
 RT: 3.64 min Scan# 264
 Delta R.T. 0.03 min
 Lab File: VL038104.D
 Acq: 23 Nov 2021 18:01

Tgt Ion: 45 Resp: 16897757
 Ion Ratio Lower Upper
 45 100
 46 39.4 17.6 70.2





#15

Acetone

Concen: 70.267 ppbv

RT: 3.84

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

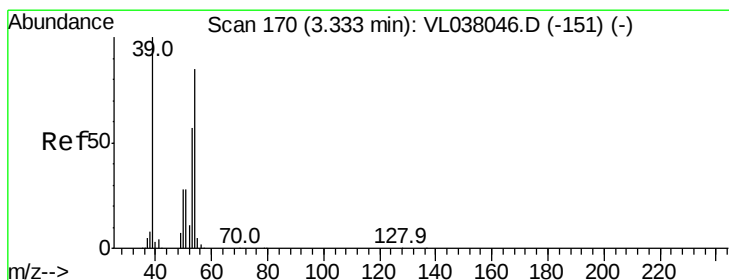
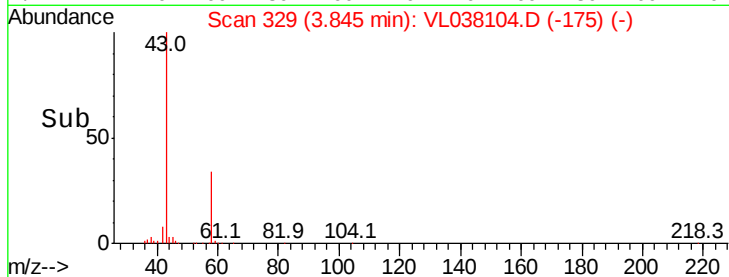
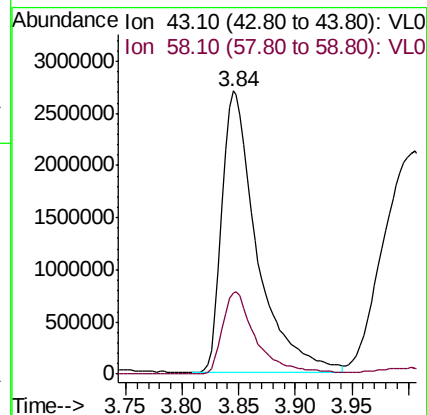
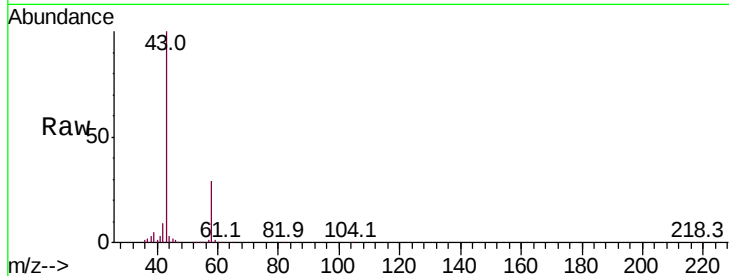
Acq: 23 Nov 2021 18:01

Tot Ion: 43 Resp: 5850756

Ion Ratio Lower Upper

43 100

58 28.4 22.4 33.6



#16

1,3-Butadiene

Concen: 0.384 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL038104.D

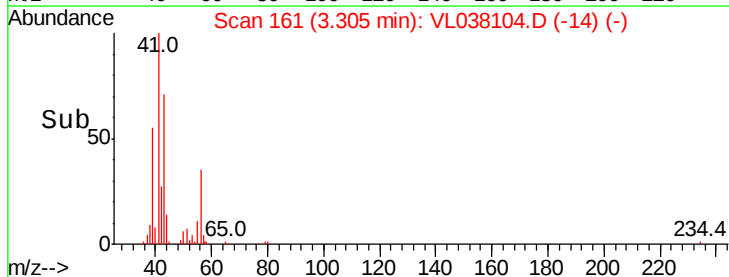
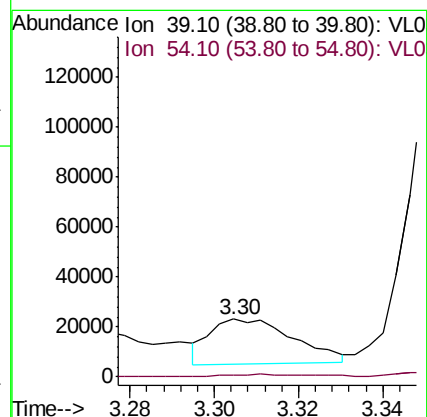
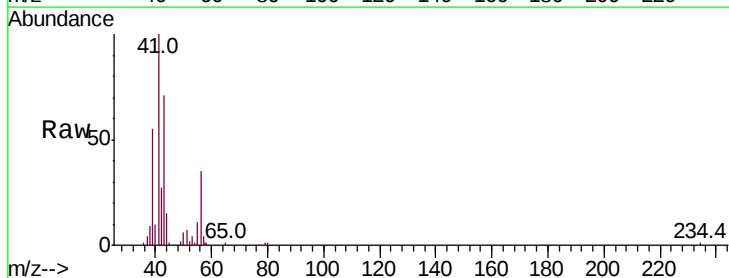
Acq: 23 Nov 2021 18:01

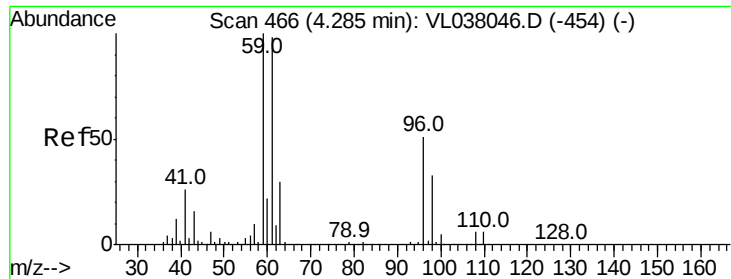
Tgt Ion: 39 Resp: 24919

Ion Ratio Lower Upper

39 100

54 0.0 64.4 96.6#





#17

tert-Butyl alcohol

Concen: 0.250 ppbv

RT: 4.31 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

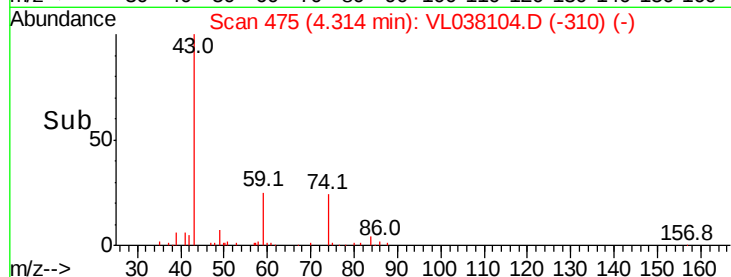
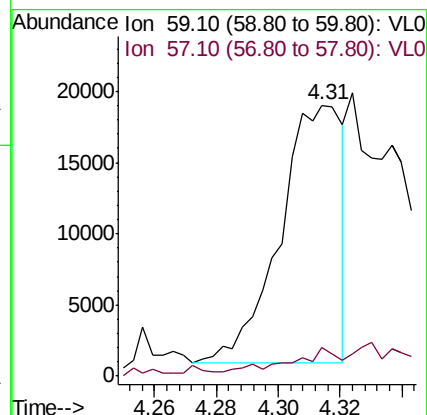
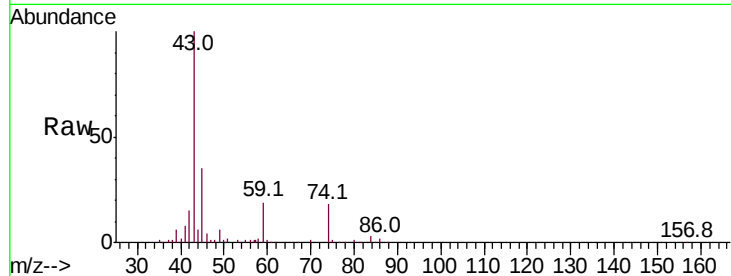
Acq: 23 Nov 2021 18:01

Tot Ion: 59 Resp: 25218

Ion Ratio Lower Upper

59 100

57 29.2 8.6 13.0#



#19

Isopropyl Alcohol

Concen: 446.521 ppbv

RT: 4.01 min Scan# 379

Delta R.T. 0.04 min

Lab File: VL038104.D

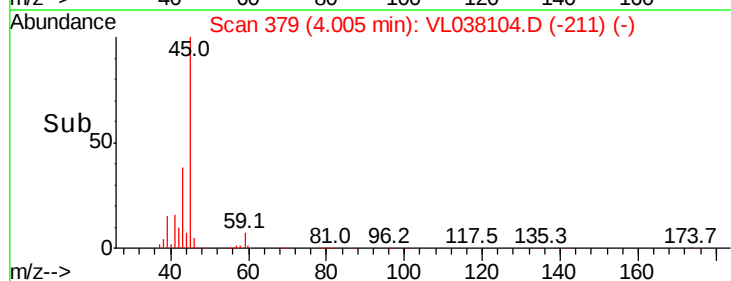
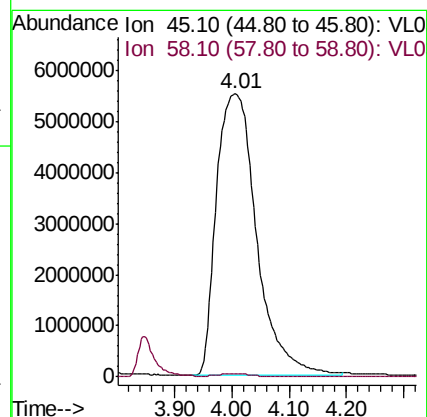
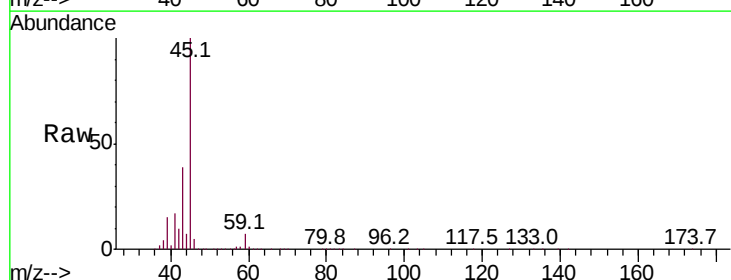
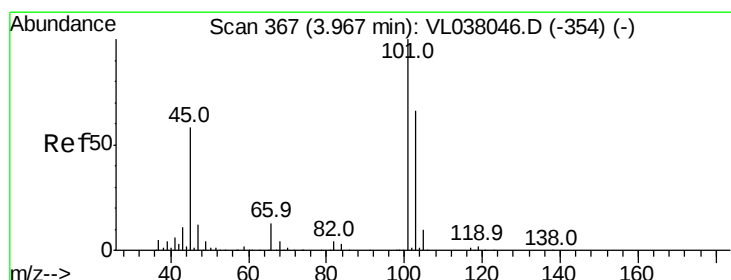
Acq: 23 Nov 2021 18:01

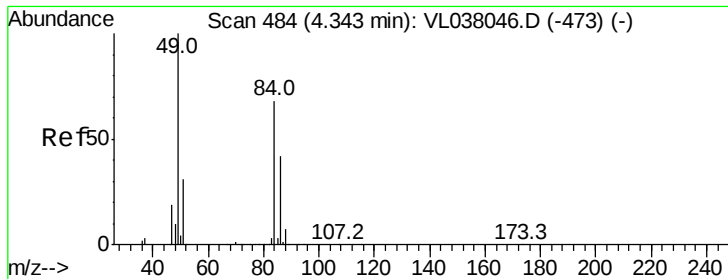
Tgt Ion: 45 Resp: 26863464

Ion Ratio Lower Upper

45 100

58 1.1 1.4 2.0#





#20

Methylene Chloride

Concen: 14.870 ppbv

RT: 4.34

Instrument: MSVOA_1

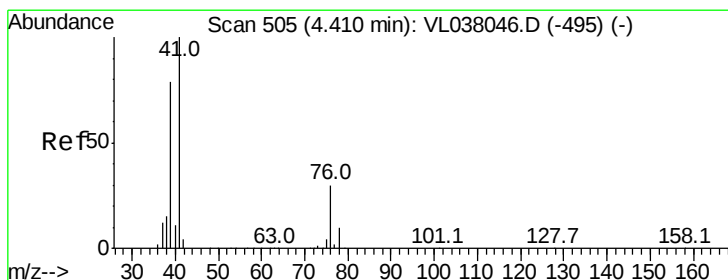
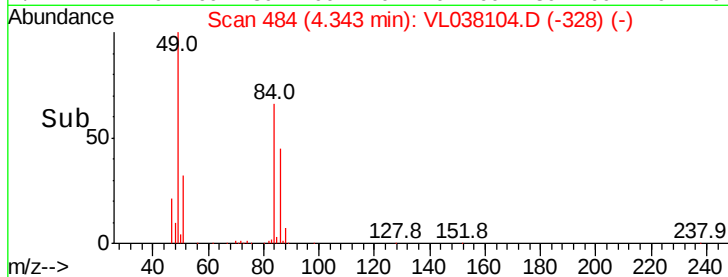
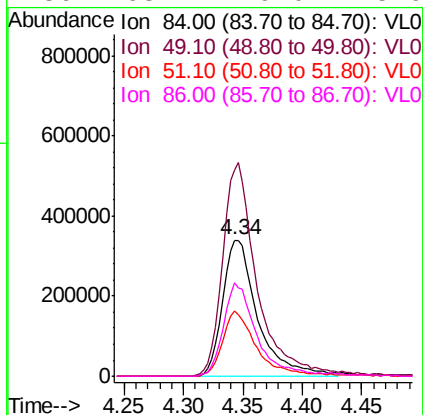
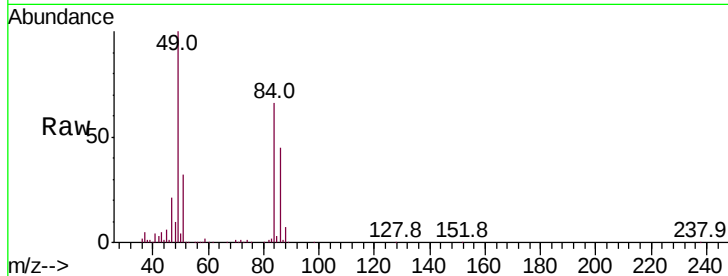
Delta R.T. ClientSampleId:

Lab File: IA-CURATED-HOME

Acq: 23 Nov 2021 18:01

Tot Ion: 84 Resp: 693529

Ion	Ratio	Lower	Upper
84	100		
49	151.7	118.2	177.2
51	47.9	36.8	55.2
86	68.4	49.0	73.6



#21

Allyl Chloride

Concen: 0.934 ppbv

RT: 4.66 min Scan# 583

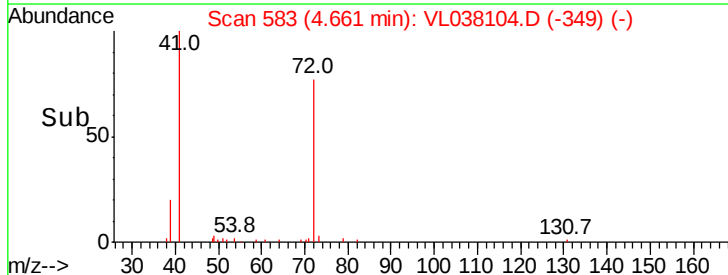
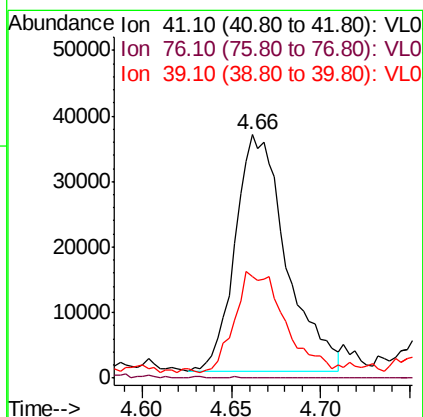
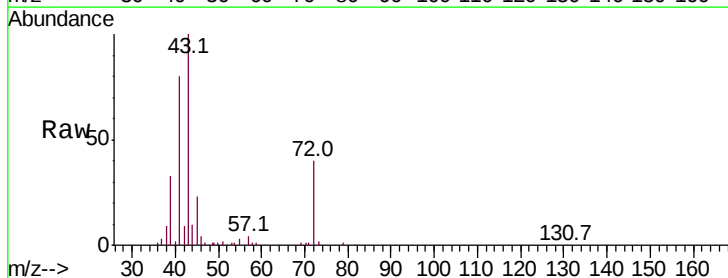
Delta R.T. 0.25 min

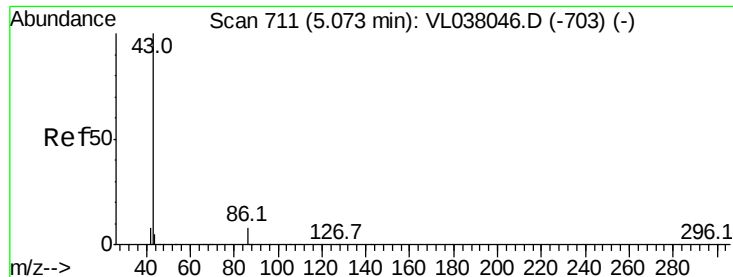
Lab File: VL038104.D

Acq: 23 Nov 2021 18:01

Tgt Ion: 41 Resp: 71957

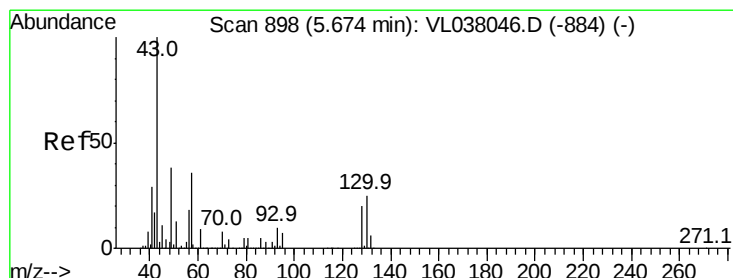
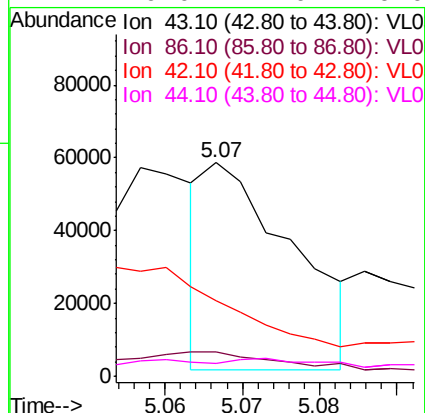
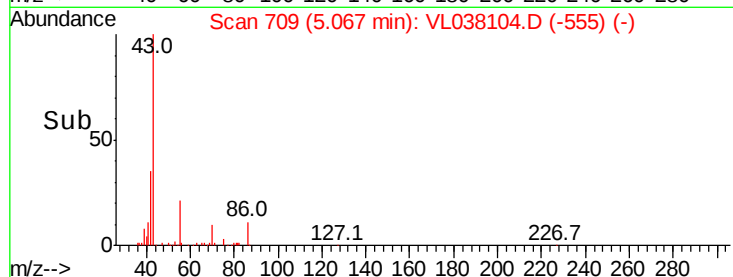
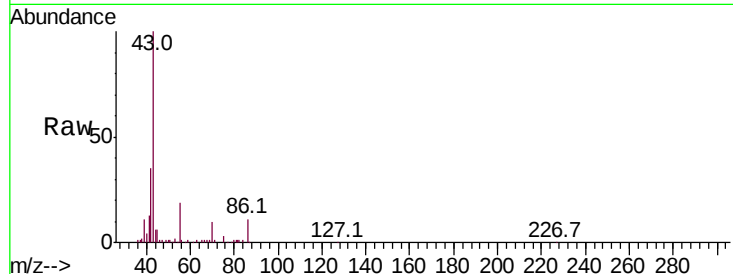
Ion	Ratio	Lower	Upper
41	100		
76	0.6	24.6	36.8#
39	0.0	63.4	95.0#





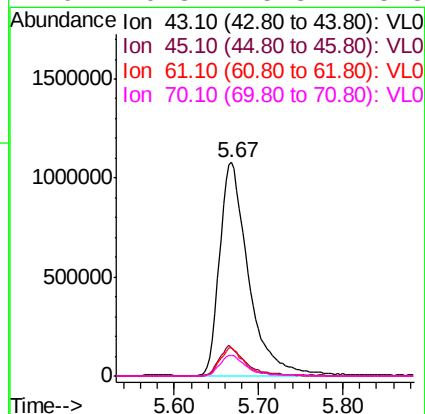
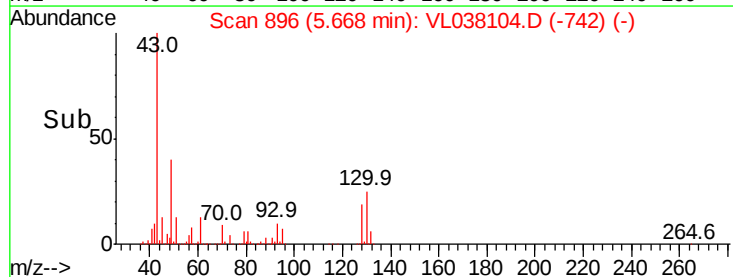
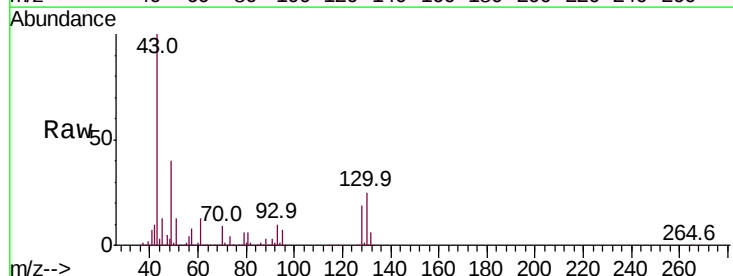
#23
 Vinyl Acetate
 Concen: 0.375 ppbv
 RT: 5.07
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 18:01

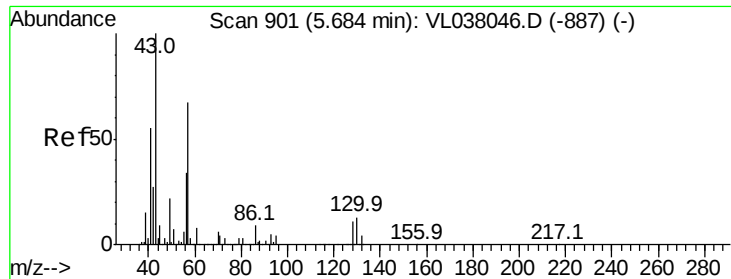
Tot Ion:	43	Resp:	45217
Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.3	7.9
42	38.6	7.0	10.6#
44	0.0	4.0	6.0#



#25
 Ethyl Acetate
 Concen: 9.239 ppbv
 RT: 5.67 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: VL038104.D
 Acq: 23 Nov 2021 18:01

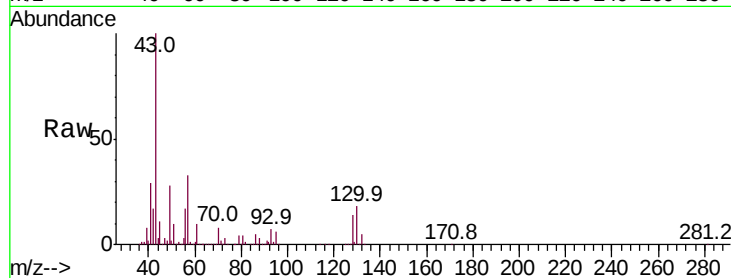
Tgt Ion:	43	Resp:	2556784
Ion	Ratio	Lower	Upper
43	100		
45	13.1	7.9	11.9#
61	12.0	7.8	11.6#
70	9.3	5.8	8.8#



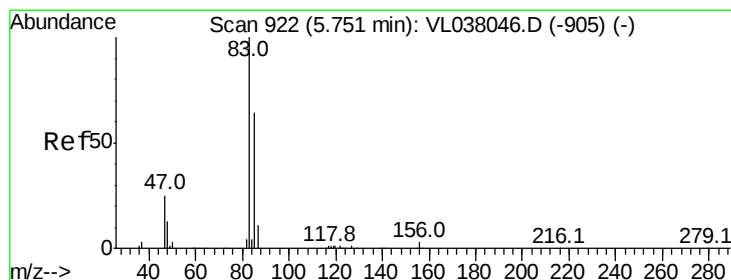
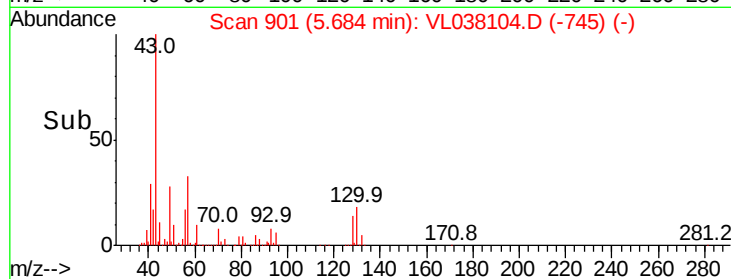
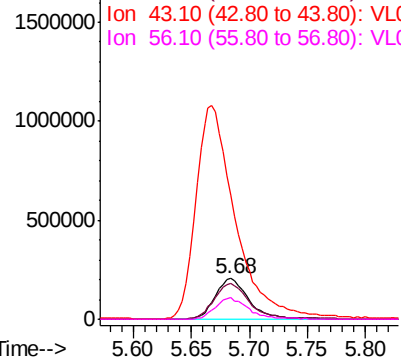


#26
Hexane
Concen: 3.110 ppbv
RT: 5.68
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 18:01

Tot Ion: 57 Resp: 414778
Ion Ratio Lower Upper
57 100
41 92.8 71.4 107.2
43 619.1 174.6 261.8#
56 53.9 43.2 64.8

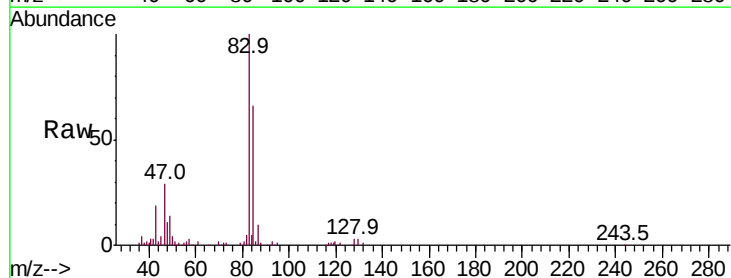


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

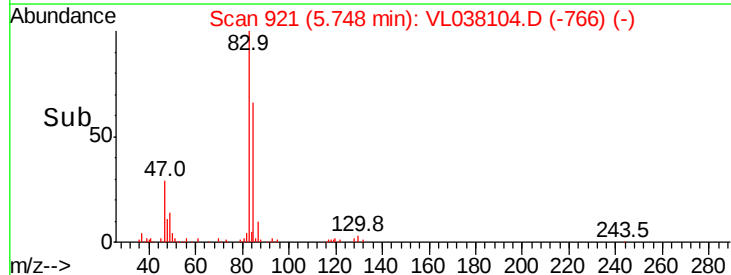
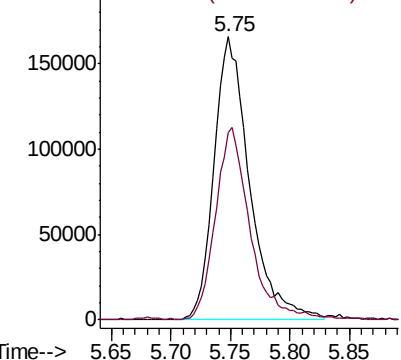


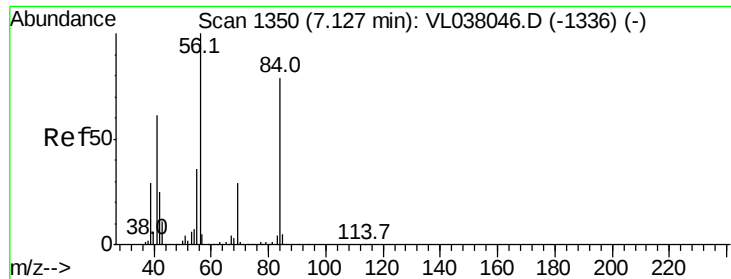
#29
Chloroform
Concen: 1.751 ppbv
RT: 5.75 min Scan# 921
Delta R.T. -0.00 min
Lab File: VL038104.D
Acq: 23 Nov 2021 18:01

Tgt Ion: 83 Resp: 344146
Ion Ratio Lower Upper
83 100
85 65.7 51.0 76.6



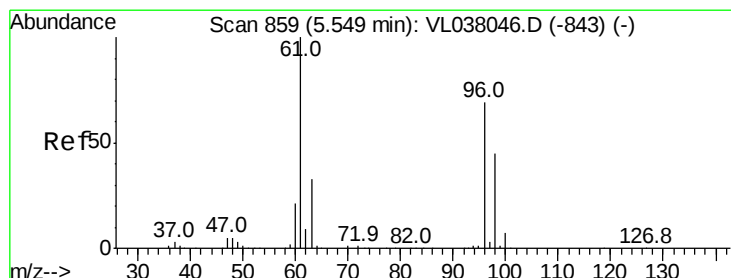
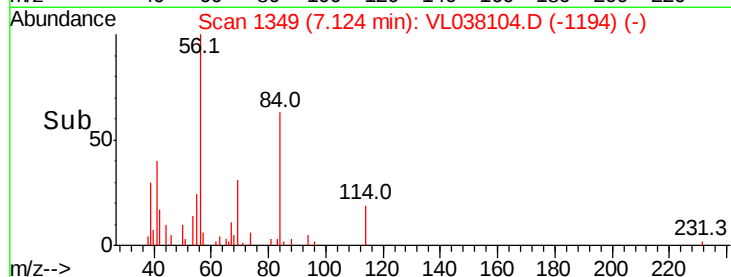
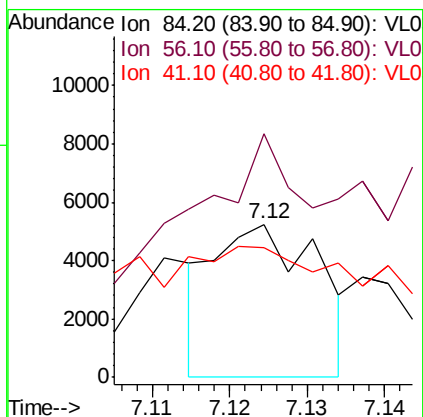
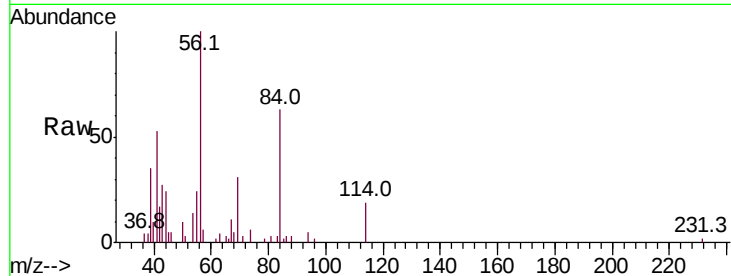
Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0





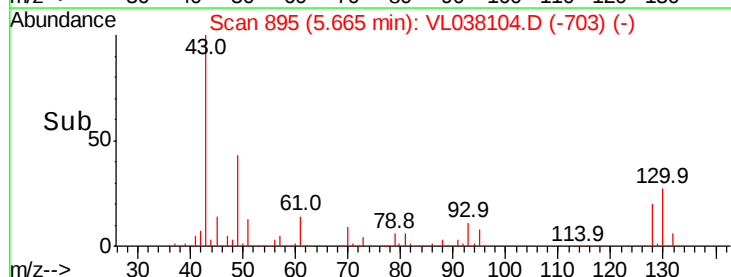
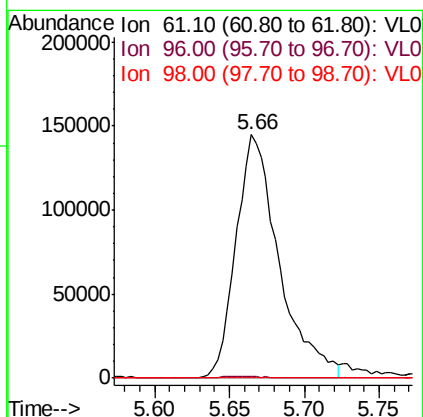
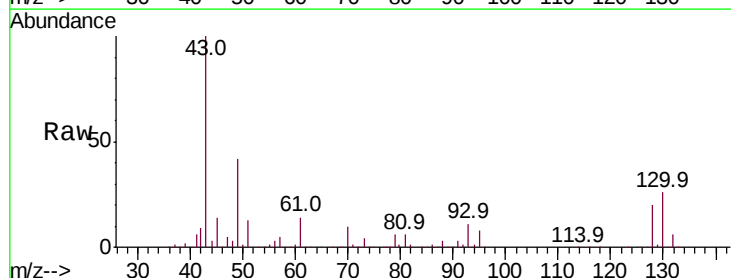
#30
Cvclohexane
Concen: 0.040 ppbv
RT: 7.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 23 Nov 2021 18:01

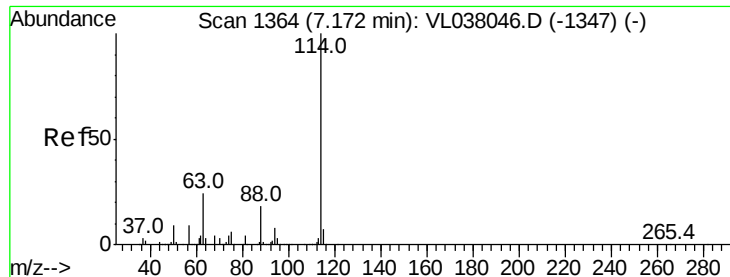
Tot Ion: 84 Resp: 4856
Ion Ratio Lower Upper
84 100
56 0.0 108.1 162.1#
41 193.3 64.4 96.6#



#31
cis-1,2-Dichloroethene
Concen: 2.291 ppbv
RT: 5.66 min Scan# 895
Delta R.T. 0.12 min
Lab File: VL038104.D
Acq: 23 Nov 2021 18:01

Tgt Ion: 61 Resp: 290718
Ion Ratio Lower Upper
61 100
96 0.7 55.4 83.2#
98 0.0 35.7 53.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:01

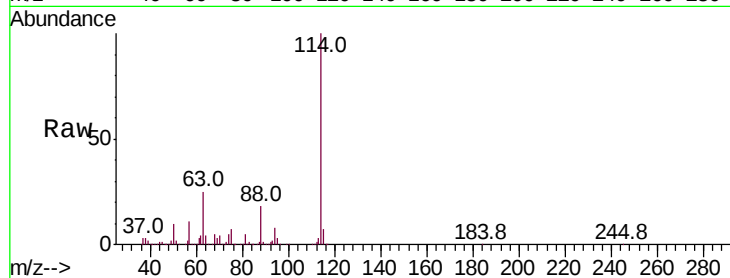
Tot Ion:114 Resp: 2794461

Ion Ratio Lower Upper

114 100

63 25.2 19.7 29.5

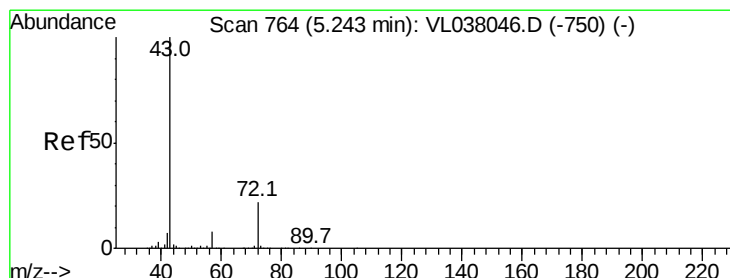
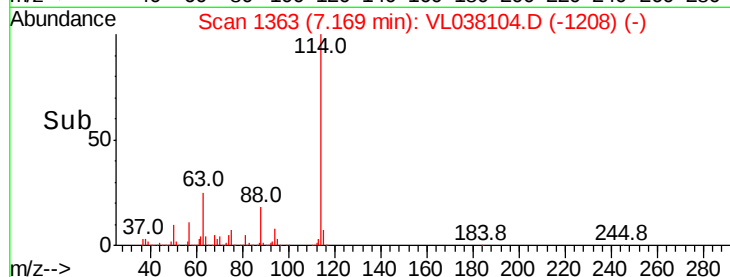
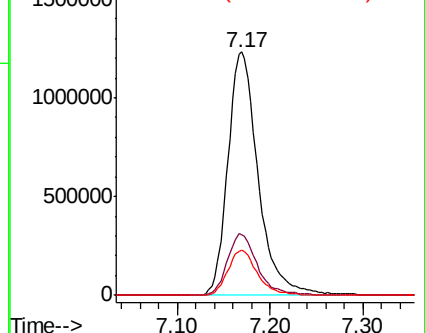
88 18.3 14.4 21.6



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: 1.285 ppbv

RT: 5.24 min Scan# 764

Delta R.T. 0.00 min

Lab File: VL038104.D

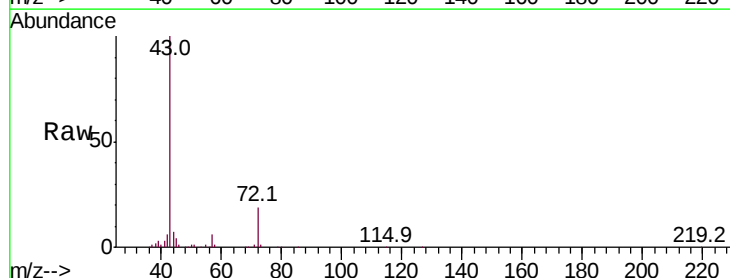
Acq: 23 Nov 2021 18:01

Tgt Ion: 43 Resp: 144828

Ion Ratio Lower Upper

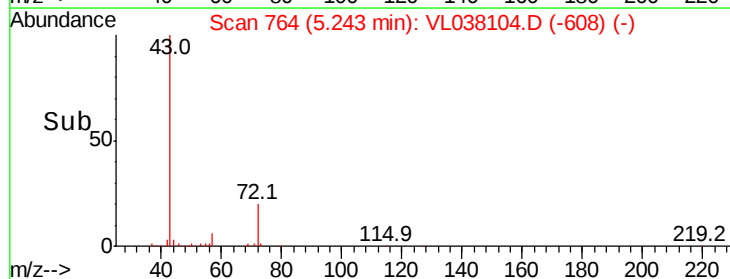
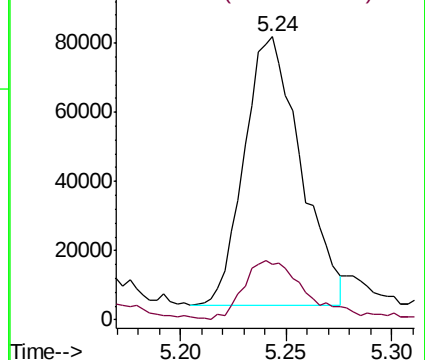
43 100

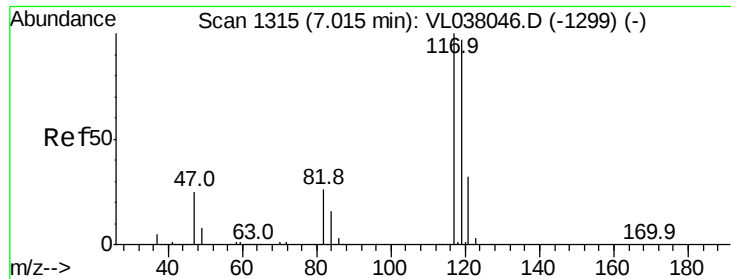
72 26.3 18.8 28.2



Abundance Ion 43.10 (42.80 to 43.80): VL0

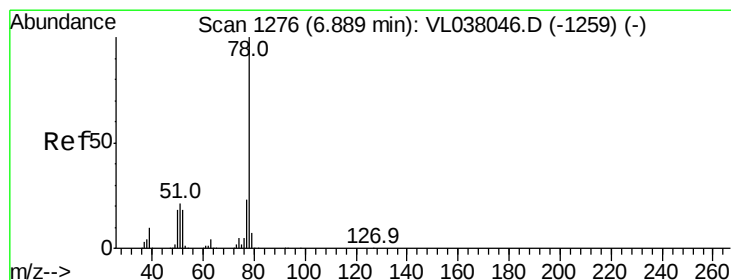
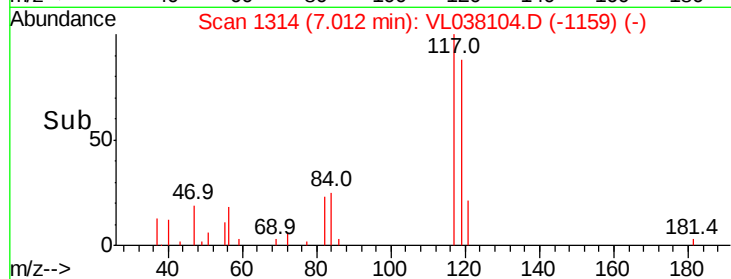
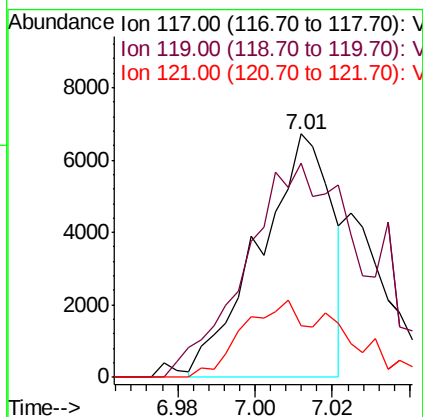
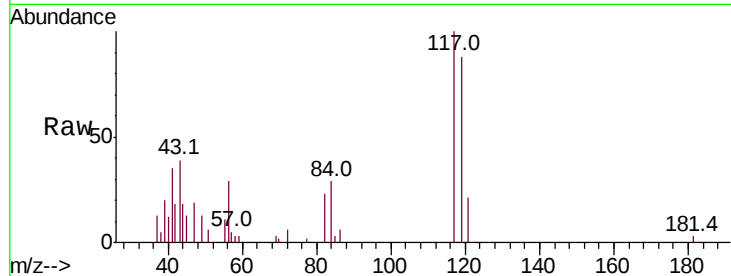
Ion 72.10 (71.80 to 72.80): VL0





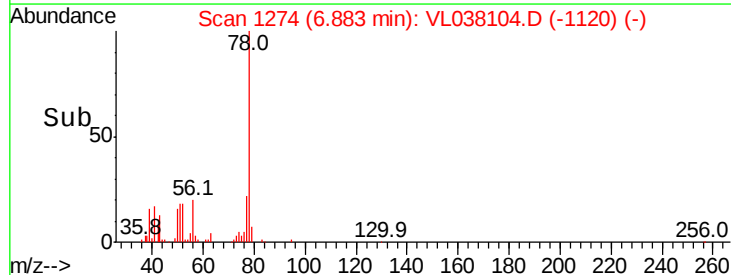
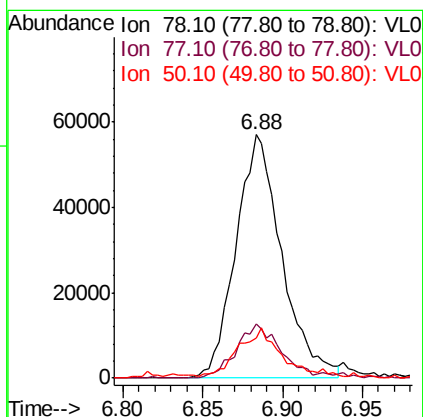
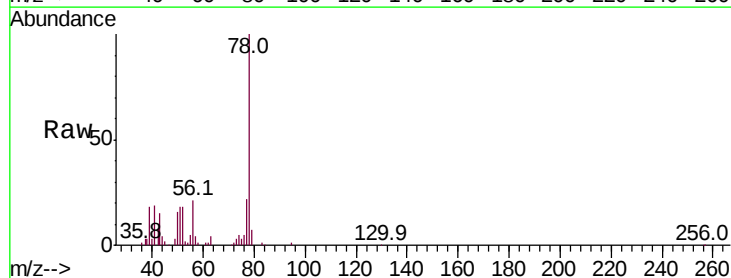
#35
 Carbon Tetrachloride
 Concen: 0.045 ppbv
 RT: 7.01
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 18:01

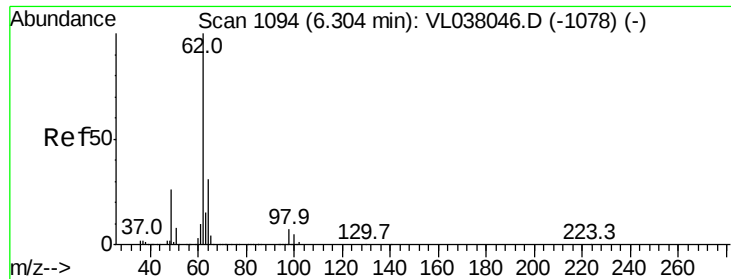
Tot Ion:117 Resp: 8777
 Ion Ratio Lower Upper
 117 100
 119 77.5 77.7 116.5#
 121 21.8 25.6 38.4#



#36
 Benzene
 Concen: 0.400 ppbv
 RT: 6.88 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: VL038104.D
 Acq: 23 Nov 2021 18:01

Tgt Ion: 78 Resp: 111499
 Ion Ratio Lower Upper
 78 100
 77 22.1 18.2 27.4
 50 15.0 14.7 22.1





#37

1,2-Dichloroethane

Concen: 0.328 ppbv

RT: 6.30 Instrument: MSVOA_1

Delta R.T. -0.44 min

Lab File: VL038104.D

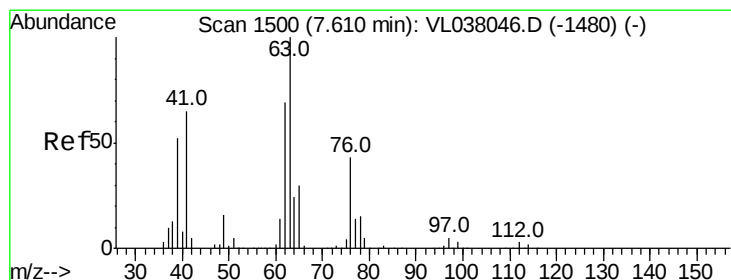
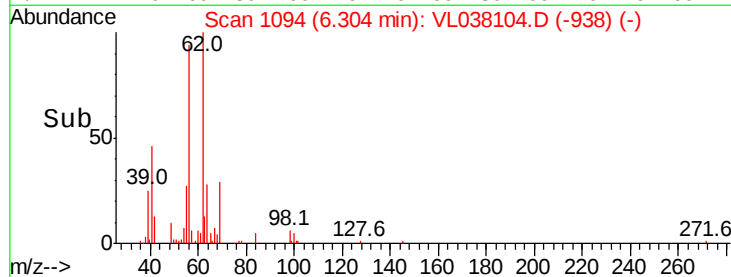
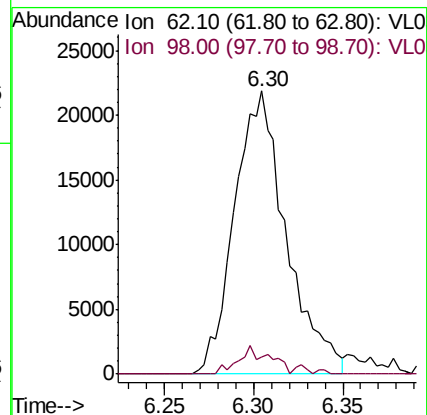
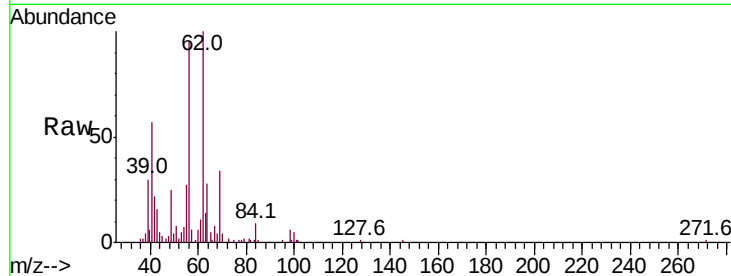
Acq: 23 Nov 2021 18:01

Tot Ion: 62 Resp: 44223

Ion Ratio Lower Upper

62 100

98 7.1 5.8 8.6



#39

1,2-Dichloropropane

Concen: 6.529 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.44 min

Lab File: VL038104.D

Acq: 23 Nov 2021 18:01

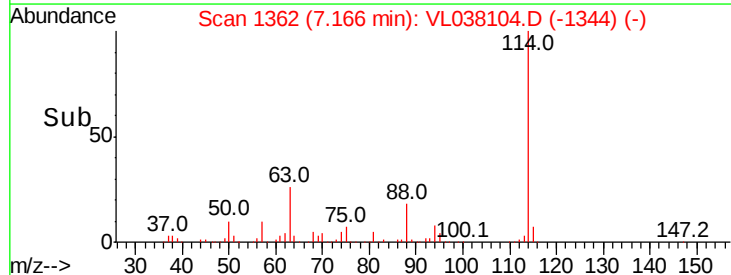
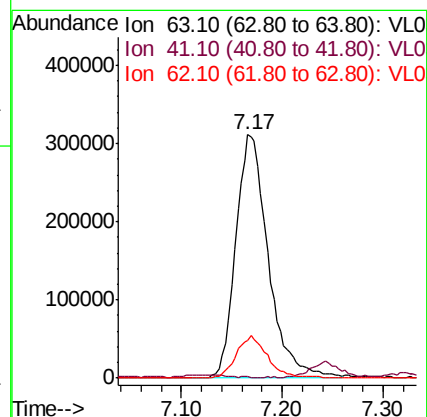
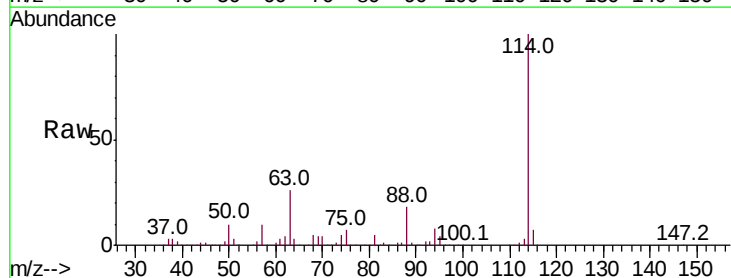
Tgt Ion: 63 Resp: 698163

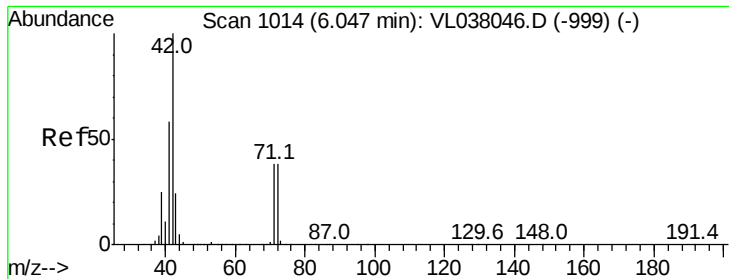
Ion Ratio Lower Upper

63 100

41 0.0 52.3 78.5#

62 15.5 55.1 82.7#





#41

Tetrahydrofuran

Concen: 0.050 ppbv

RT: 6.02 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:01

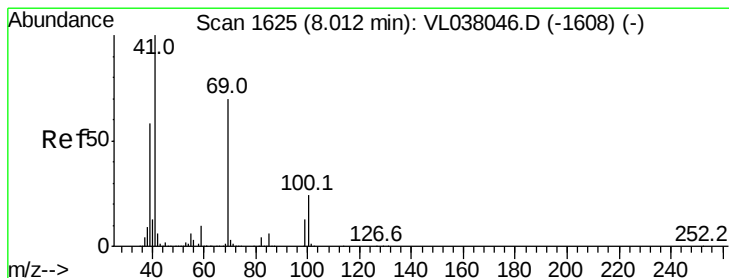
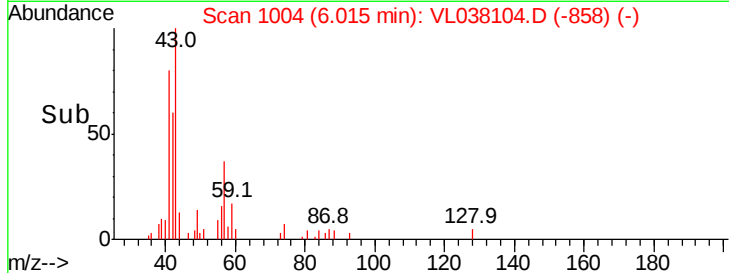
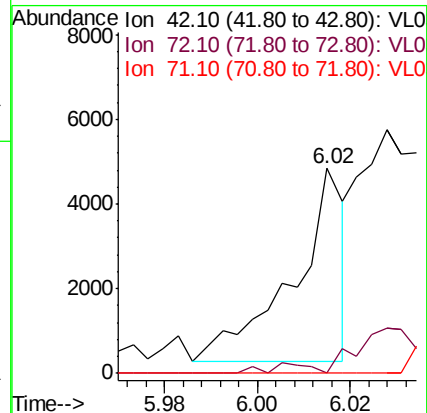
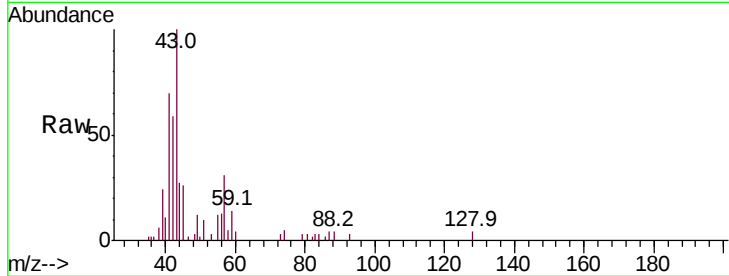
Tot Ion: 42 Resp: 3490

Ion Ratio Lower Upper

42 100

72 120.9 31.7 47.5#

71 64.9 30.6 46.0#



#43

Methyl Methacrylate

Concen: 0.040 ppbv

RT: 8.01 min Scan# 1624

Delta R.T. -0.00 min

Lab File: VL038104.D

Acq: 23 Nov 2021 18:01

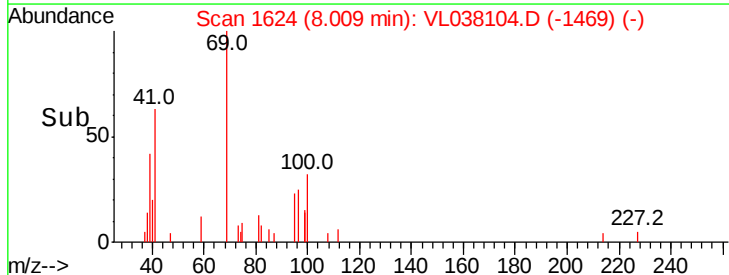
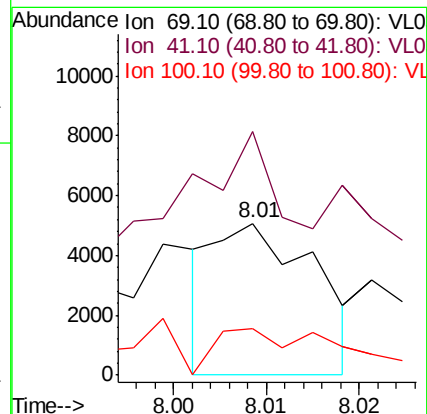
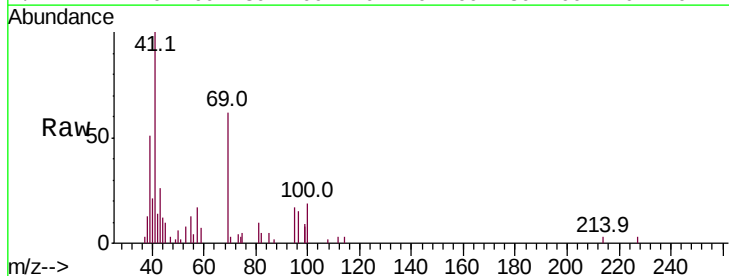
Tgt Ion: 69 Resp: 3813

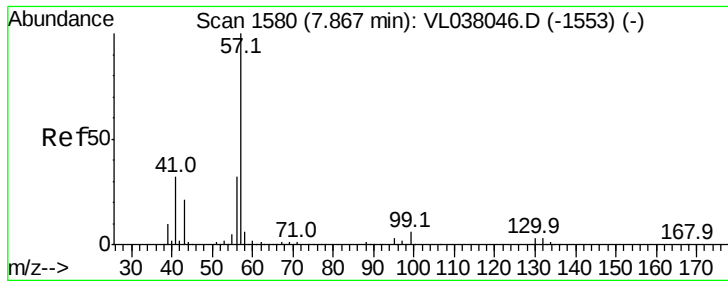
Ion Ratio Lower Upper

69 100

41 491.8 116.7 175.1#

100 0.0 27.3 40.9#





#44

2,2,4-Trimethylpentane

Concen: 0.427 ppbv

RT: 7.86

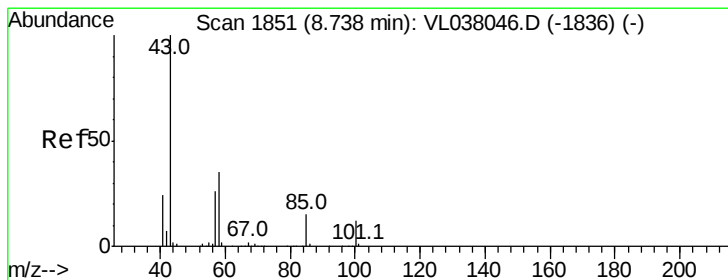
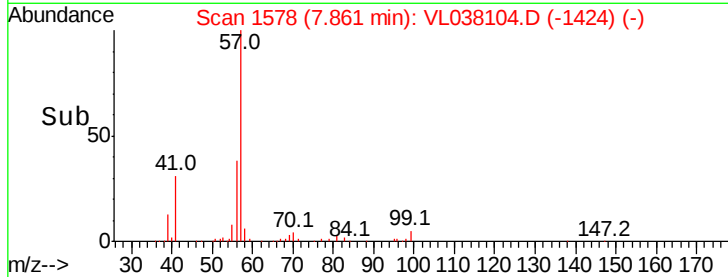
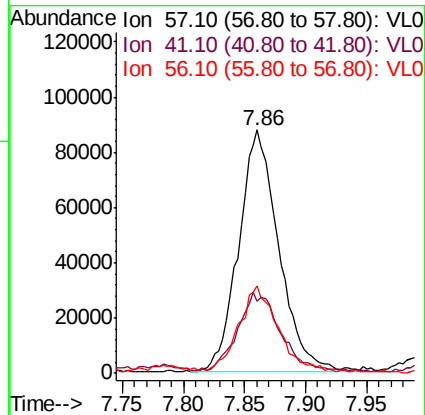
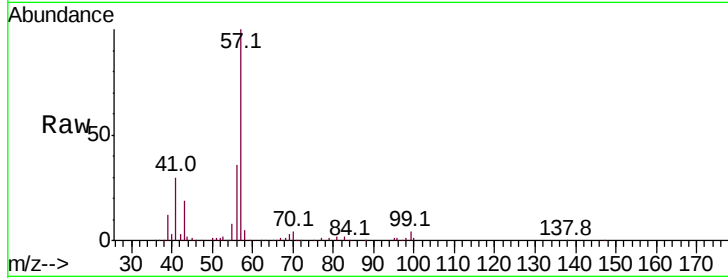
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:01

Tot Ion: 57 Resp: 199131

Ion	Ratio	Lower	Upper
57	100		
41	36.5	25.8	38.6
56	37.9	25.6	38.4



#50

4-Methyl-2-Pentanone

Concen: 0.039 ppbv

RT: 8.73 min Scan# 1849

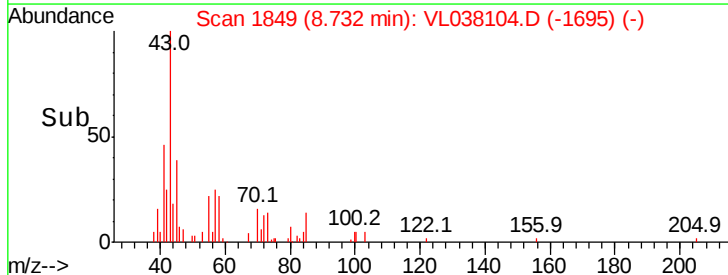
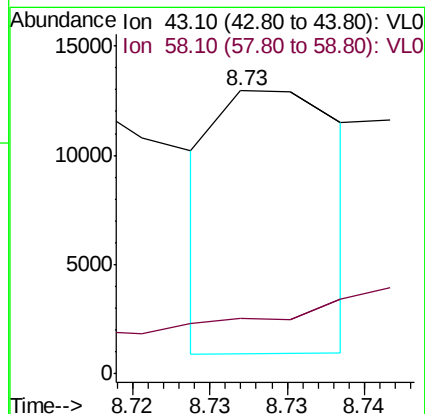
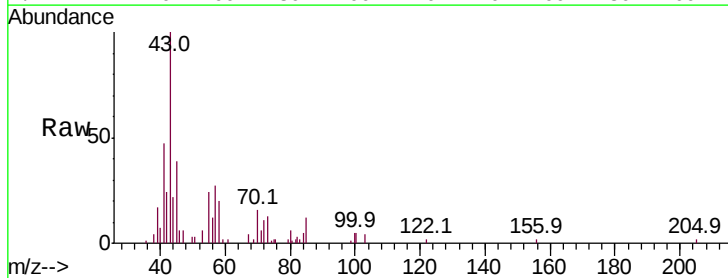
Delta R.T. -0.01 min

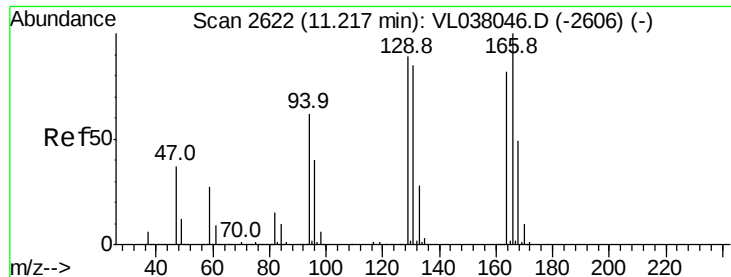
Lab File: VL038104.D

Acq: 23 Nov 2021 18:01

Tgt Ion: 43 Resp: 6665

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.2#





#52

Tetrachloroethene

Concen: 0.066 ppbv

RT: 11.20

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:01

Tot Ion:164 Resp: 6779

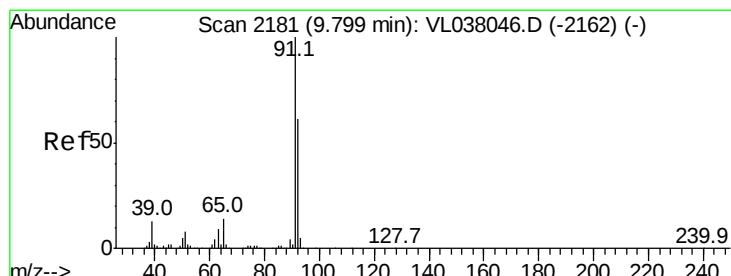
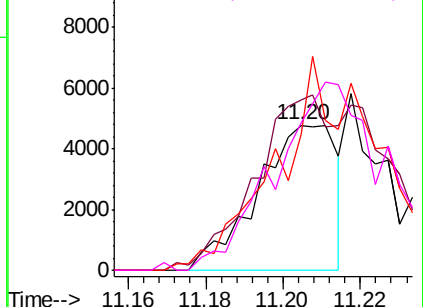
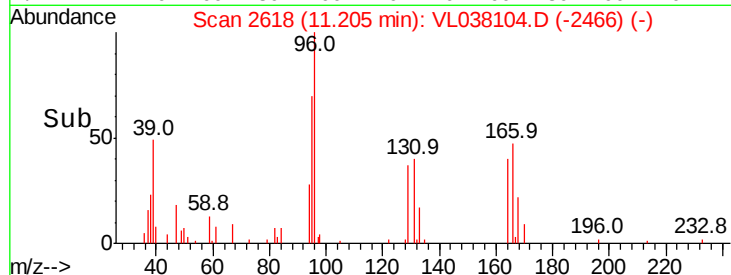
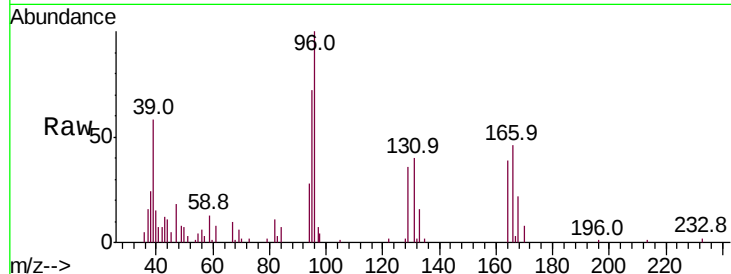
Ion Ratio Lower Upper

164 100

166 114.2 97.2 145.8

129 88.2 86.9 130.3

131 101.3 82.8 124.2



#53

Toluene

Concen: 2.325 ppbv

RT: 9.80 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL038104.D

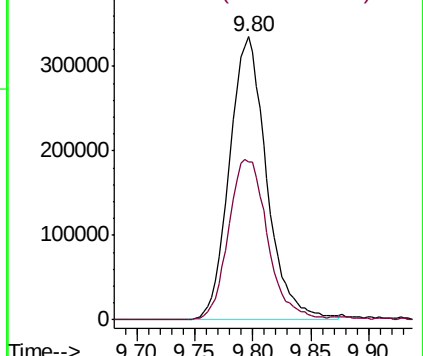
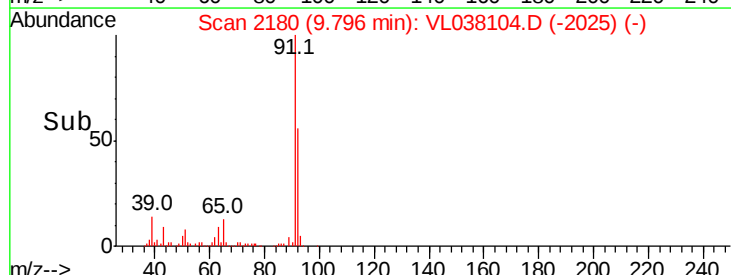
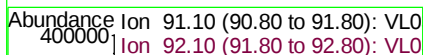
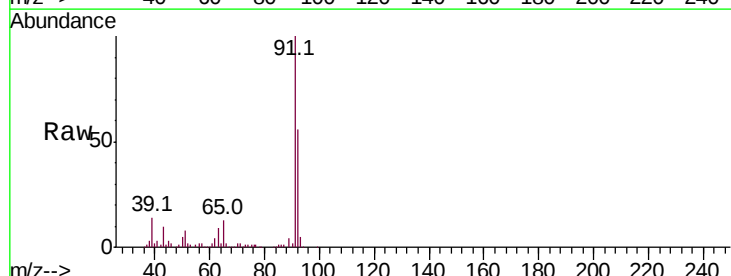
Acq: 23 Nov 2021 18:01

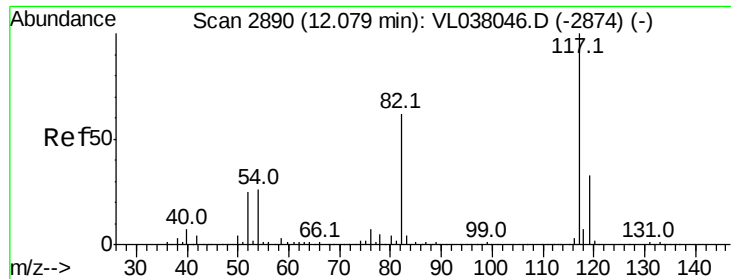
Tgt Ion: 91 Resp: 745613

Ion Ratio Lower Upper

91 100

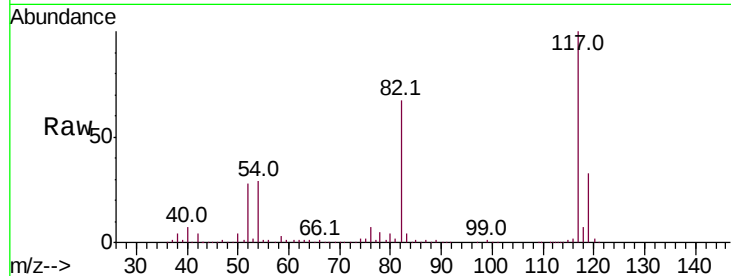
92 59.3 49.7 74.5



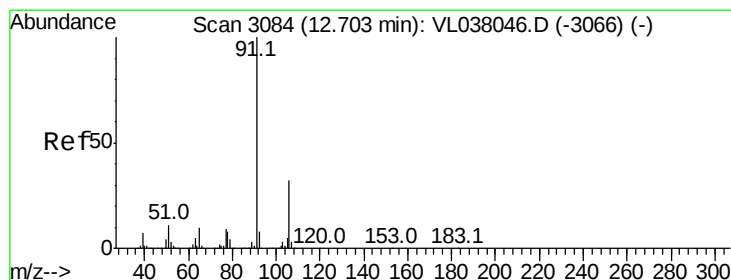
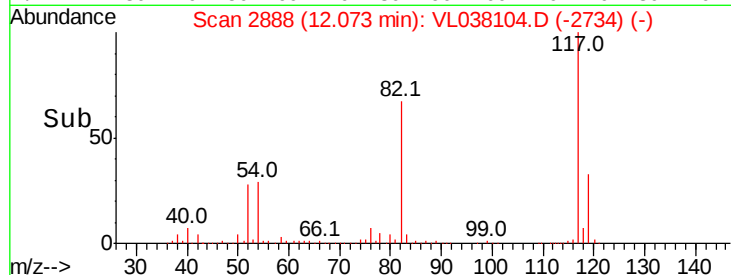
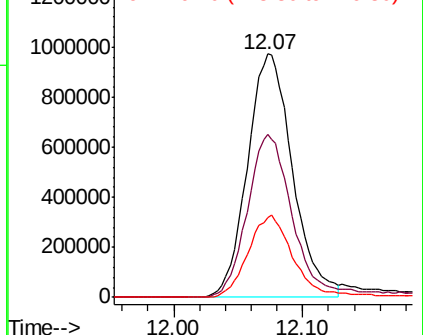


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 23 Nov 2021 18:01

Tot Ion: 117 Resp: 2363155
Ion Ratio Lower Upper
117 100
82 71.6 52.8 79.2
119 34.5 26.8 40.2

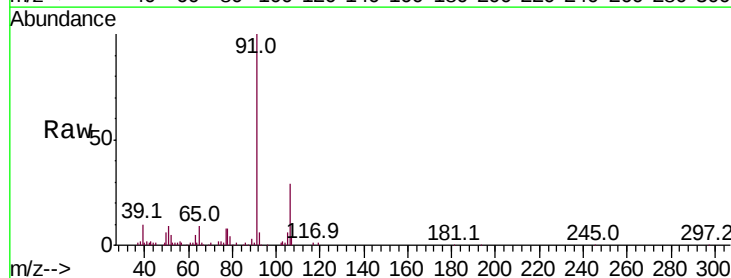


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

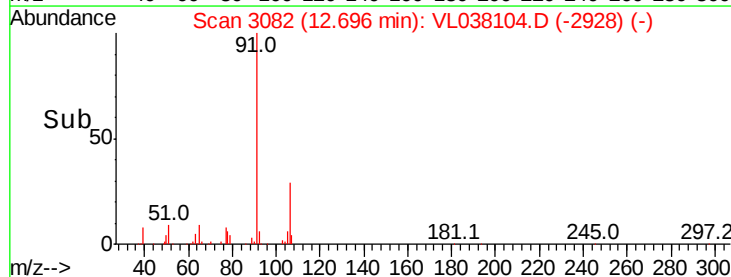
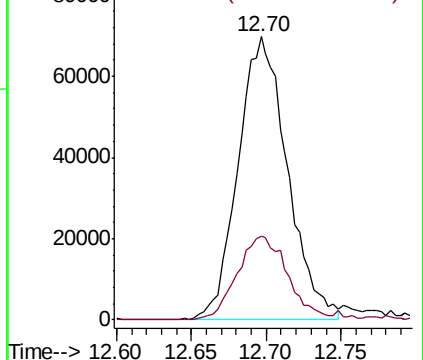


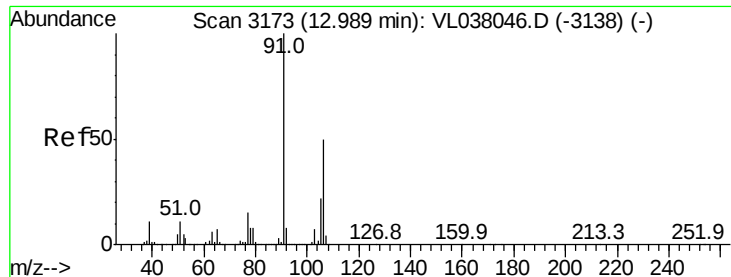
#58
Ethyl Benzene
Concen: 0.407 ppbv
RT: 12.70 min Scan# 3082
Delta R.T.: -0.01 min
Lab File: VL038104.D
Acq: 23 Nov 2021 18:01

Tgt Ion: 91 Resp: 158923
Ion Ratio Lower Upper
91 100
106 29.4 25.8 38.6



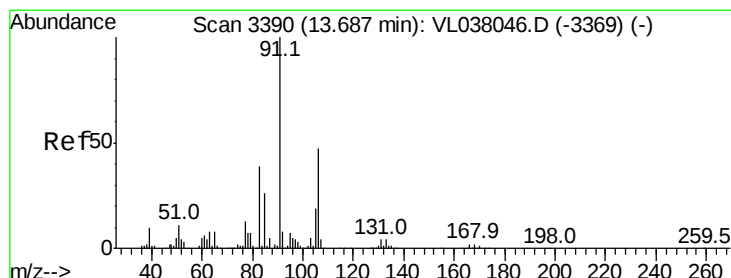
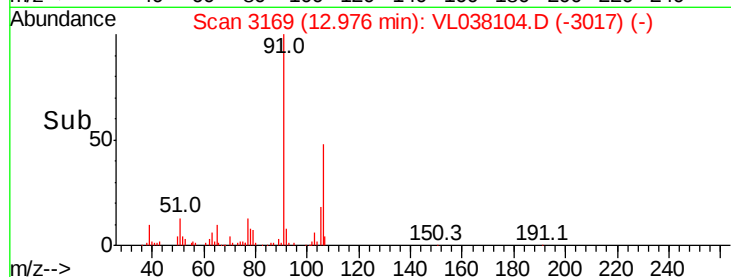
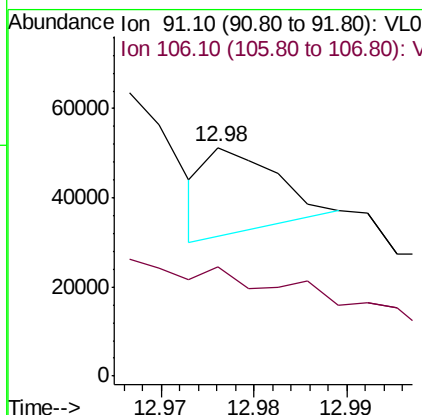
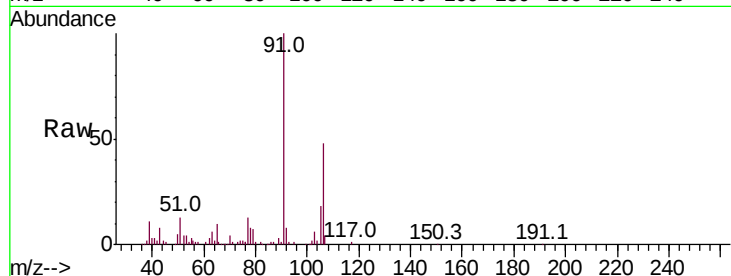
Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





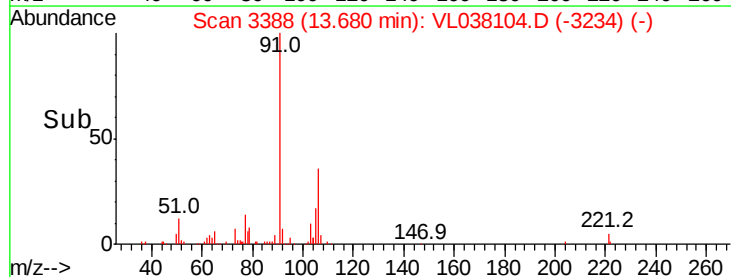
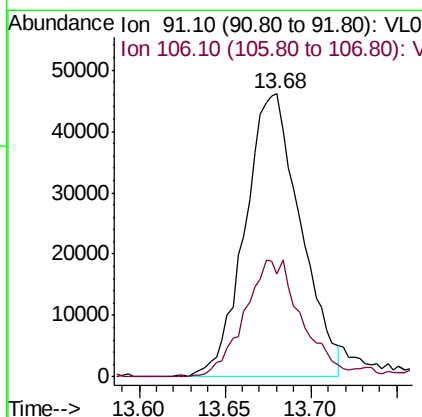
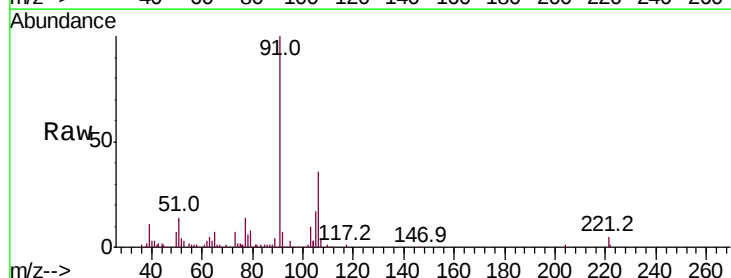
#59
m/p-Xylene
Concen: 0.031 ppbv
RT: 12.98 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Nov 2021 18:01

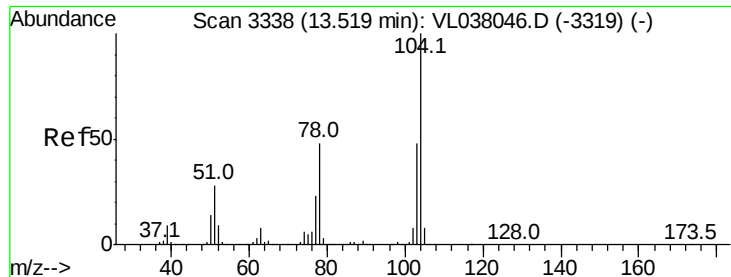
Tot Ion: 91 Resp: 10173
Ion Ratio Lower Upper
91 100
106 0.0 38.1 57.1#



#60
o-Xylene
Concen: 0.340 ppbv
RT: 13.68 min Scan# 3388
Delta R.T. -0.01 min
Lab File: VL038104.D
Acq: 23 Nov 2021 18:01

Tgt Ion: 91 Resp: 103551
Ion Ratio Lower Upper
91 100
106 45.0 24.2 72.6





#61

Stvrene

Concen: 0.460 ppbv

RT: 13.52

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 23 Nov 2021 18:01

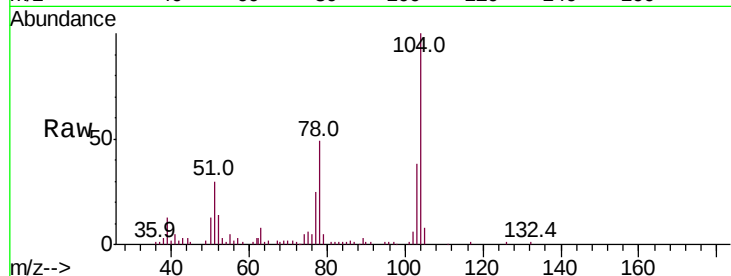
Tot Ion:104 Resp: 75276

Ion Ratio Lower Upper

104 100

78 58.4 39.8 59.6

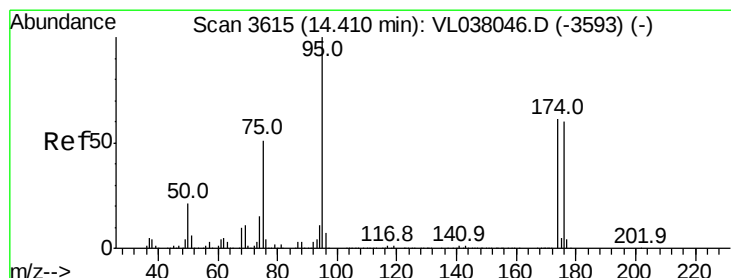
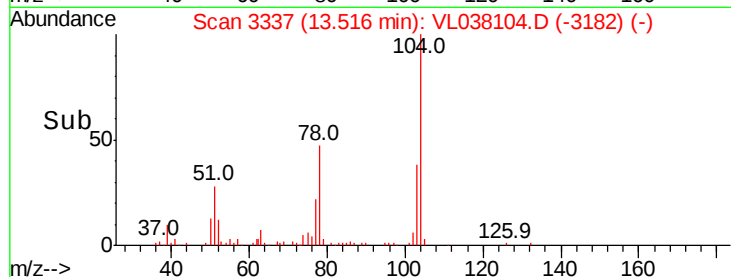
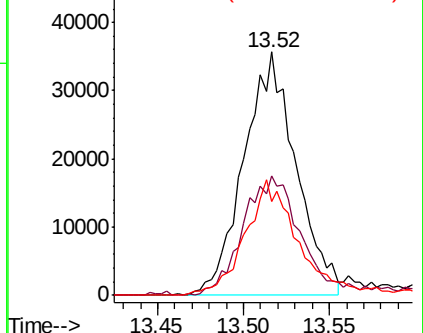
103 49.2 38.2 57.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 11.183 ppbv

RT: 14.40 min Scan# 3613

Delta R.T. -0.01 min

Lab File: VL038104.D

Acq: 23 Nov 2021 18:01

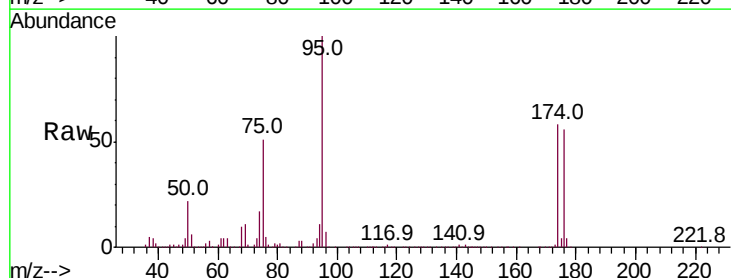
Tgt Ion: 95 Resp: 1906163

Ion Ratio Lower Upper

95 100

174 62.6 53.1 79.7

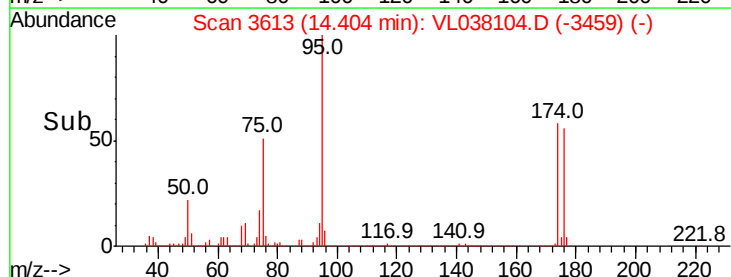
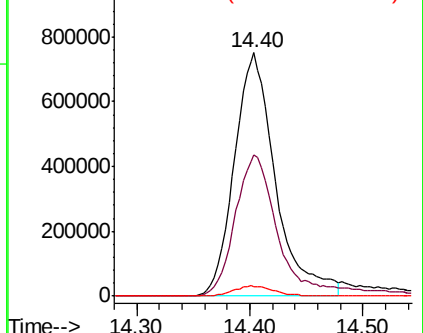
175 4.6 4.0 6.0

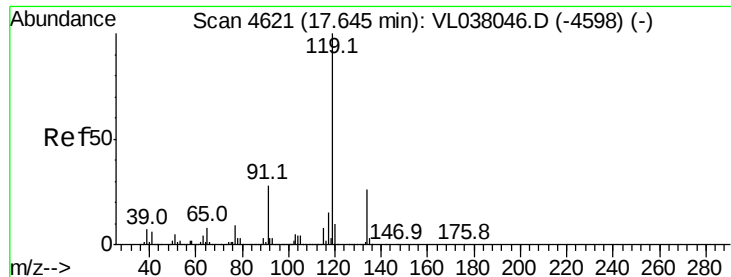


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

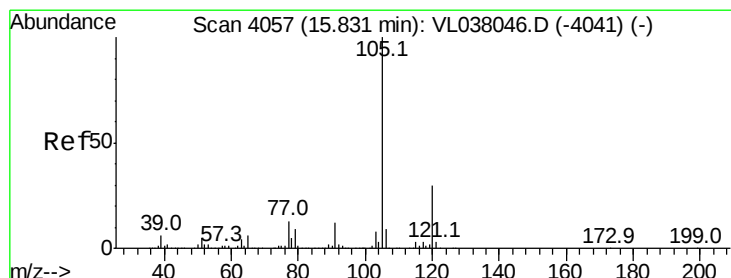
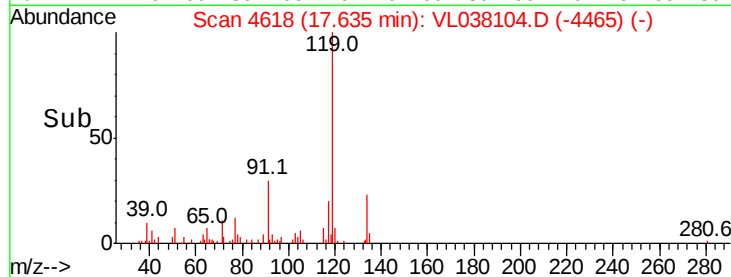
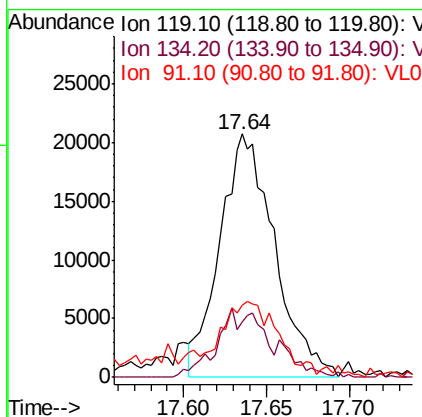
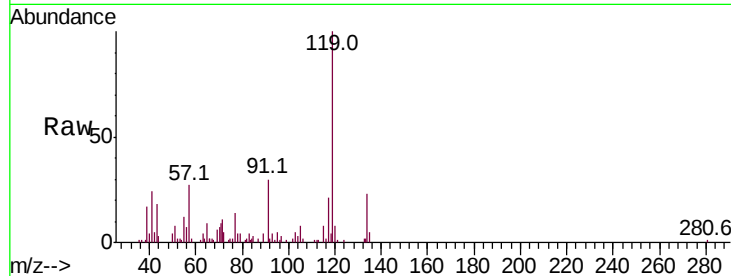
Ion 175.00 (174.70 to 175.70): V





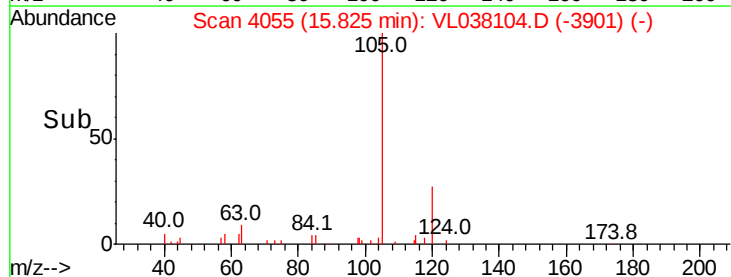
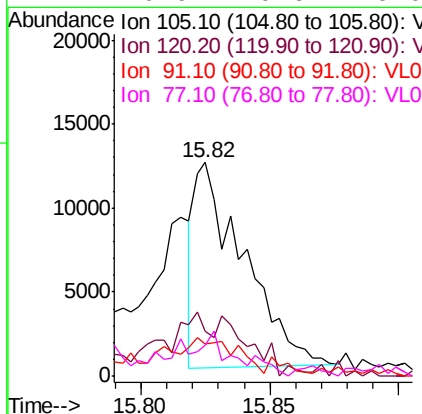
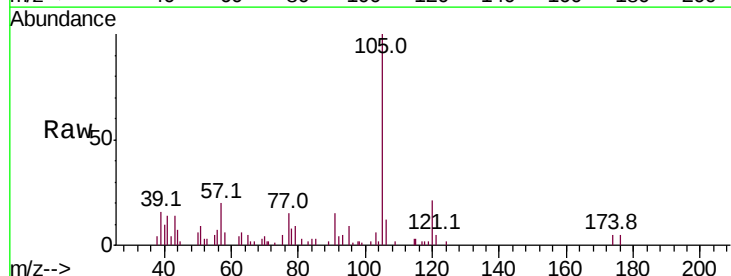
#69
 p-Isopropyltoluene
 Concen: 0.115 ppbv
 RT: 17.64 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 18:01

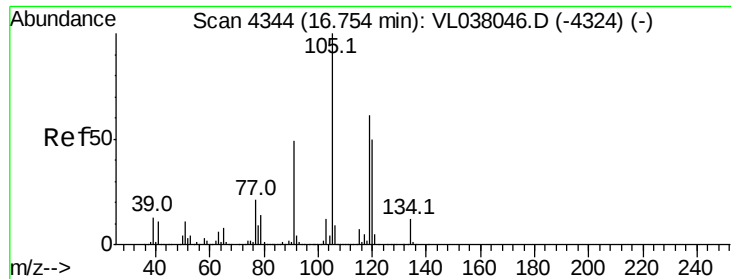
Tot Ion:119	Resp:	47637
Ion Ratio	Lower	Upper
119	100	
134	28.4	20.6 30.8
91	0.0	22.2 33.4#



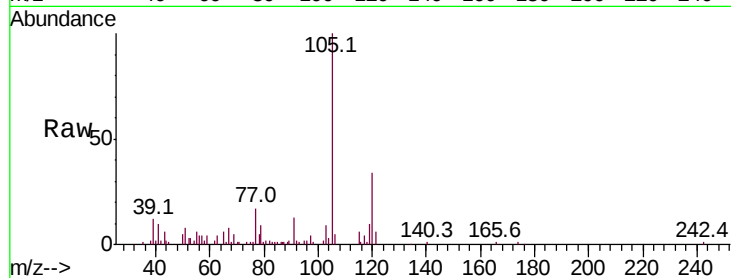
#72
 4-Ethyltoluene
 Concen: 0.045 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.01 min
 Lab File: VL038104.D
 Acq: 23 Nov 2021 18:01

Tgt Ion:105	Resp:	15963
Ion Ratio	Lower	Upper
105	100	
120	50.4	25.1 37.7#
91	35.1	9.7 14.5#
77	20.9	10.6 16.0#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.279 ppbv
 RT: 16.74
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Nov 2021 16:01



Tot Ion:	105	Resp:	92963
Ion Ratio	Lower	Upper	
105	100		
120	34.5	40.1	60.1#
91	11.4	39.8	59.8#
77	15.3	16.6	25.0#

