

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL038998.D
 Acq On : 9 May 2022 22:22
 Operator : SY/AP
 Sample : N2744-01DL 5X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Quant Time: May 10 05:46:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1300185	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3484653	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	3108420	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	2452707	9.96	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.60%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	23445	0.115	ppbv 94
3) Chlorodifluoromethane	2.98	51	13066	0.081	ppbv # 79
4) Chloromethane	3.14	50	5962	0.074	ppbv # 69
9) Propene	3.00	41	2386525	33.872	ppbv 86
10) Heptane	8.10	43	1679720	9.718	ppbv 98
13) Ethanol	3.59	45	9737041	1952.850	ppbv 90
15) Acetone	3.86	43	3774985	30.779	ppbv # 68
16) 1,3-Butadiene	3.30	39	839660	11.916	ppbv # 29
17) tert-Butyl alcohol	4.28	59	25169	0.267	ppbv # 70
19) Isopropyl Alcohol	3.59	45	9737041	166.977	ppbv # 95
20) Methylene Chloride	4.33	84	70073	1.516	ppbv # 87
21) Allyl Chloride	4.36	41	187745	2.246	ppbv # 32
23) Vinyl Acetate	5.04	43	608151	6.267	ppbv # 1
25) Ethyl Acetate	5.67	43	1765980	6.016	ppbv # 79
26) Hexane	5.67	57	2405431	18.442	ppbv # 39
27) Carbon Disulfide	4.54	76	101769	0.821	ppbv # 83
28) Methyl tert-Butyl Ether	5.02	73	4450	0.045	ppbv # 52
30) Cyclohexane	7.11	84	520395	4.765	ppbv 95
34) 2-Butanone	5.22	43	878514	4.942	ppbv 96
36) Benzene	6.87	78	1162574	3.898	ppbv 99
39) 1,2-Dichloropropane	7.15	63	838947	7.230	ppbv # 25
41) Tetrahydrofuran	6.03	42	38575	0.323	ppbv # 12
42) Bromodichloromethane	7.76	83	45846	0.182	ppbv # 24
43) Methyl Methacrylate	7.96	69	55714	0.460	ppbv # 1
44) 2,2,4-Trimethylpentane	7.84	57	6656725	12.721	ppbv # 92
50) 4-Methyl-2-Pentanone	8.72	43	122813	0.394	ppbv # 39
51) 2-Hexanone	10.09	43	351019	1.543	ppbv # 80
52) Tetrachloroethene	11.19	164	3902293	36.618	ppbv 98
53) Toluene	9.78	91	7580062	22.678	ppbv 96
58) Ethyl Benzene	12.68	91	2114267	4.726	ppbv 100
59) m/p-Xylene	12.93	91	4950687	12.964	ppbv 93
60) o-Xylene	13.66	91	1852467	5.154	ppbv 100
62) Isopropylbenzene	14.63	105	189468	0.360	ppbv 98
64) n-propylbenzene	15.53	120	87625	0.690	ppbv 95
65) tert-Butylbenzene	16.73	119	98444	0.214	ppbv # 70
71) 2-Chlorotoluene	15.81	91	15567	0.038	ppbv 75
72) 4-Ethyltoluene	15.81	105	403941	0.986	ppbv 98
73) 1,3,5-Trimethylbenzene	15.96	105	284957	0.773	ppbv 100
74) 1,2,4-Trimethylbenzene	16.73	105	923035	2.286	ppbv # 65

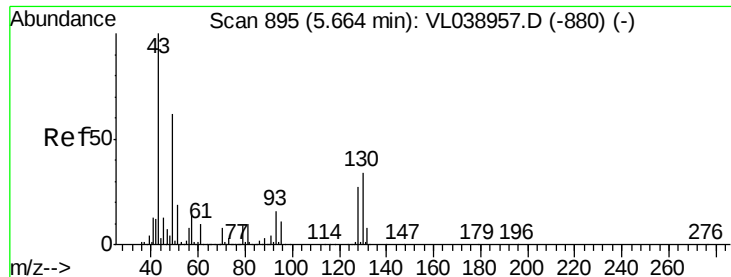
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
Data File : VL038998.D
Acq On : 9 May 2022 22:22
Operator : SY/AP
Sample : N2744-01DL 5X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: May 10 05:46:08 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 22:22

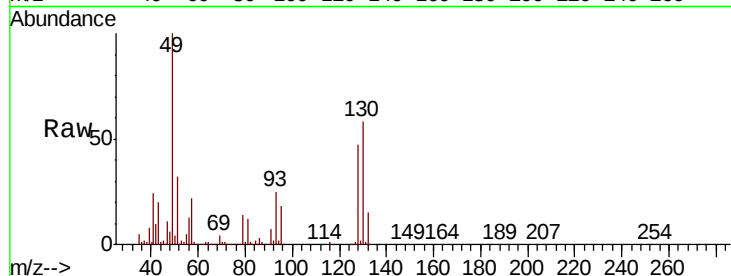
Tot Ion: 49 Resp: 1300185

Ion Ratio Lower Upper

49 100

128 48.4 23.3 69.8

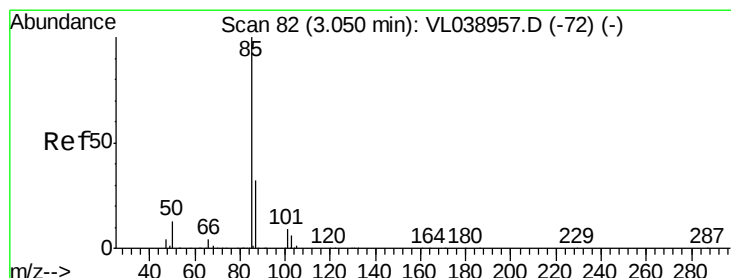
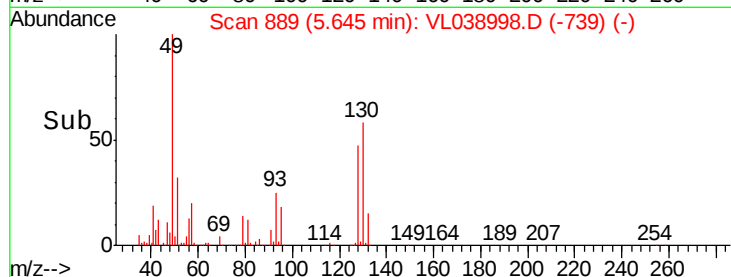
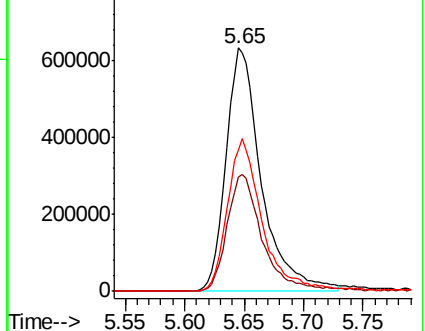
130 63.1 29.8 89.3



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



#2

Dichlorodifluoromethane

Concen: 0.115 ppbv

RT: 3.04 min Scan# 79

Delta R.T. -0.01 min

Lab File: VL038998.D

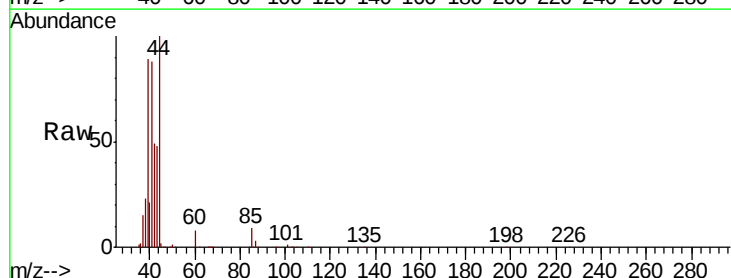
Acq: 9 May 2022 22:22

Tgt Ion: 85 Resp: 23445

Ion Ratio Lower Upper

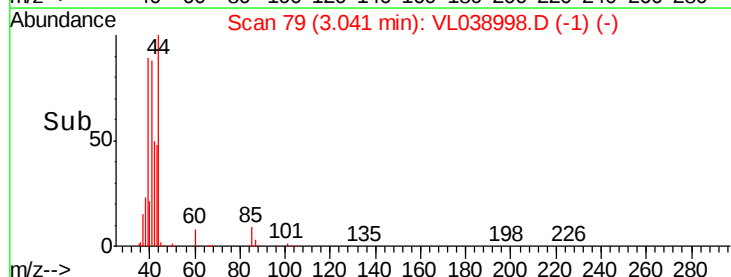
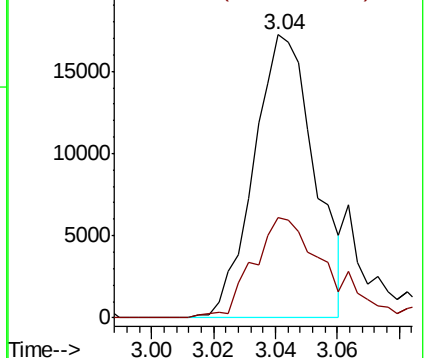
85 100

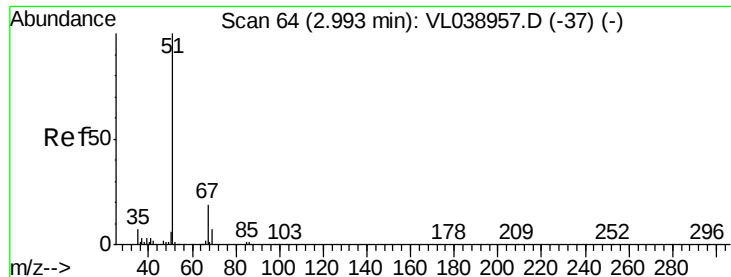
87 35.2 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.081 ppbv

RT: 2.98 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SV1DL

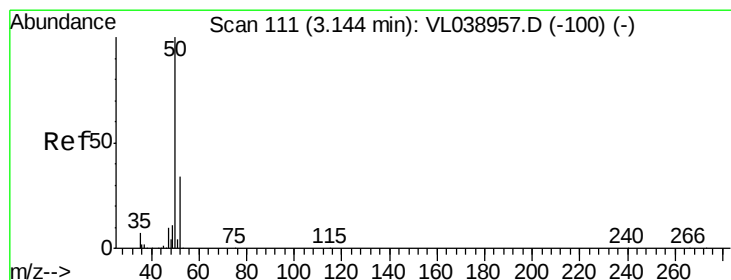
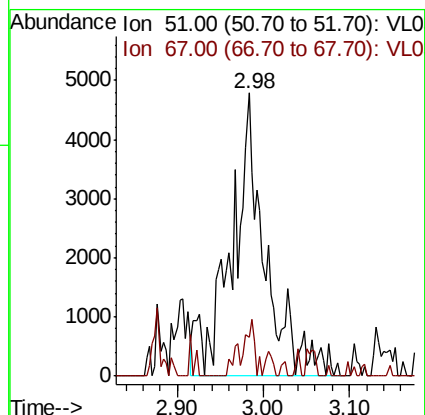
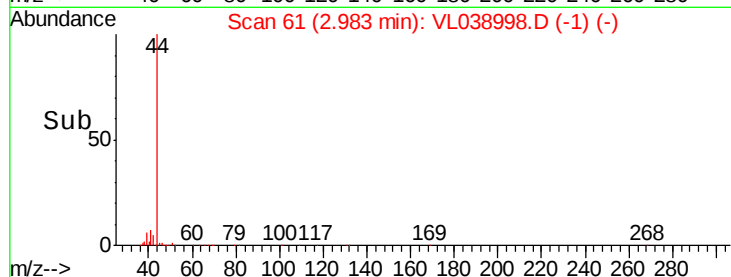
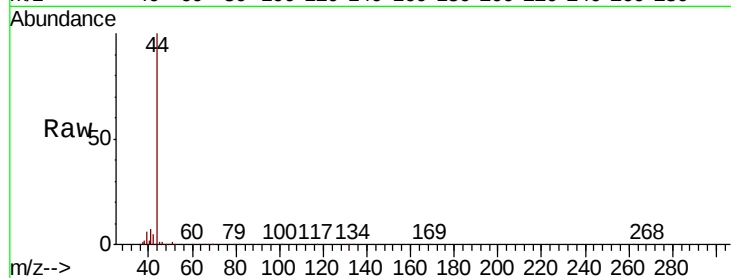
Acq: 9 May 2022 22:22

Tot Ion: 51 Resp: 13066

Ion Ratio Lower Upper

51 100

67 10.3 15.8 23.8#



#4

Chloromethane

Concen: 0.074 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL038998.D

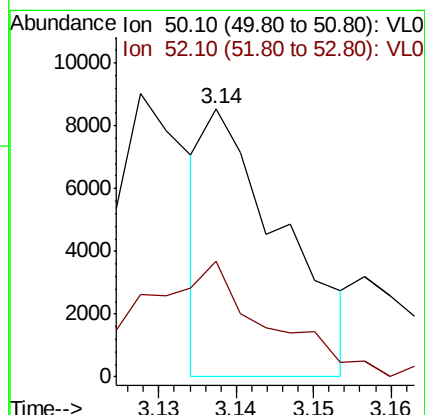
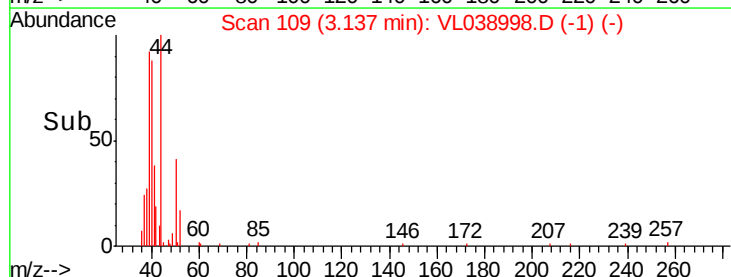
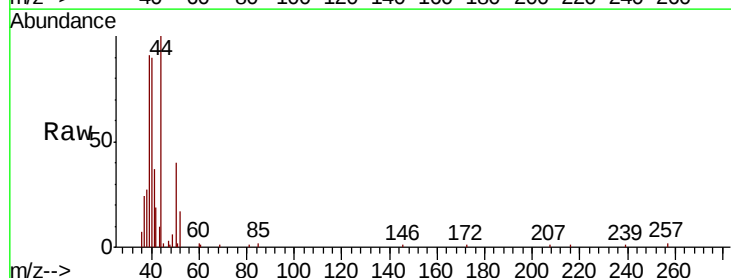
Acq: 9 May 2022 22:22

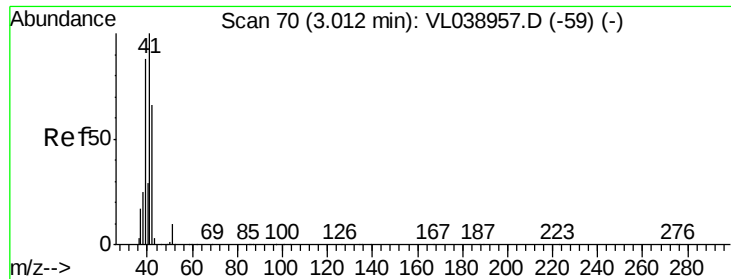
Tgt Ion: 50 Resp: 5962

Ion Ratio Lower Upper

50 100

52 51.9 27.3 40.9#





#9

Propene

Concen: 33.872 ppbv

RT: 3.00 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

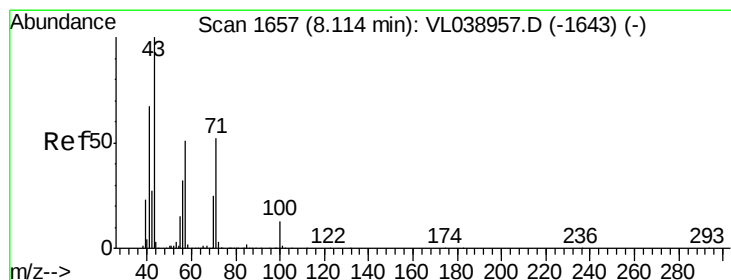
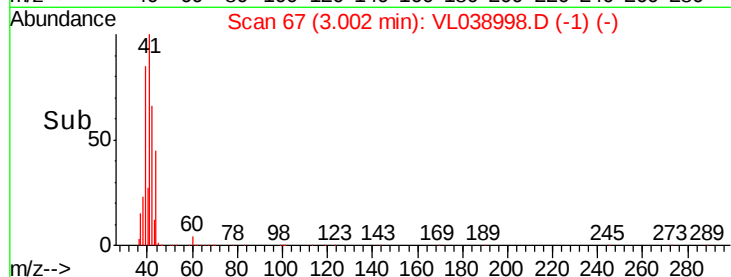
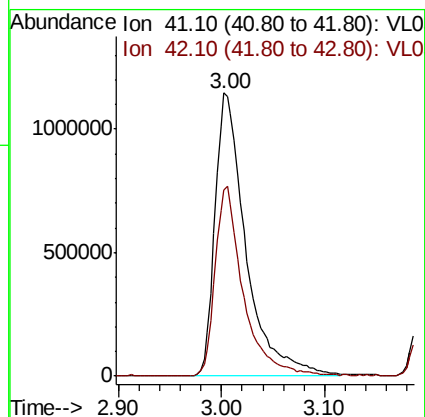
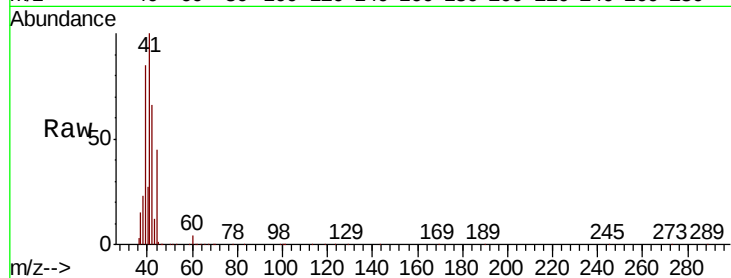
Acq: 9 May 2022 22:22

Tot Ion: 41 Resp: 2386525

Ion Ratio Lower Upper

41 100

42 61.1 58.3 87.5



#10

Heptane

Concen: 9.718 ppbv

RT: 8.10 min Scan# 1652

Delta R.T. -0.02 min

Lab File: VL038998.D

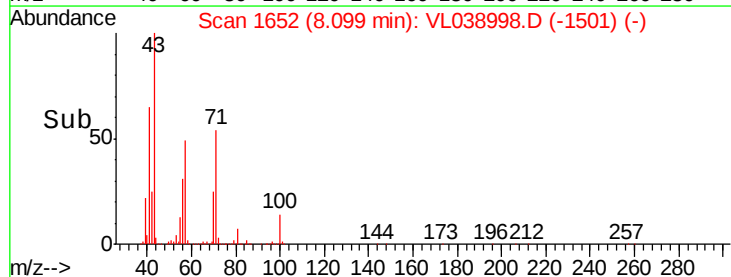
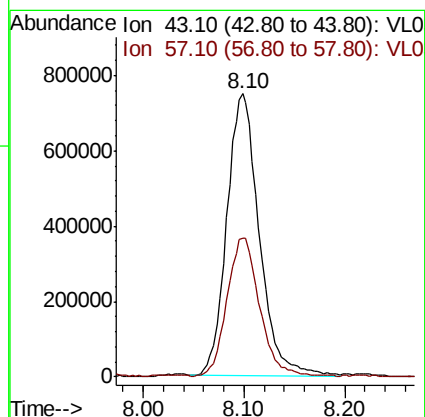
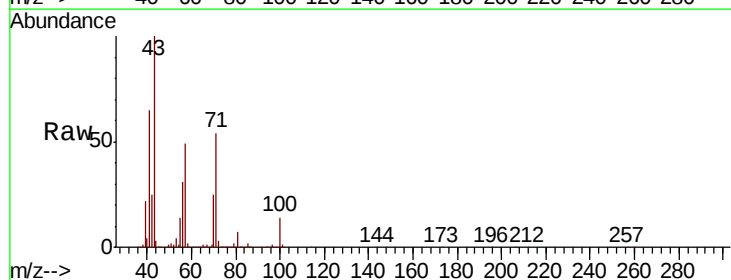
Acq: 9 May 2022 22:22

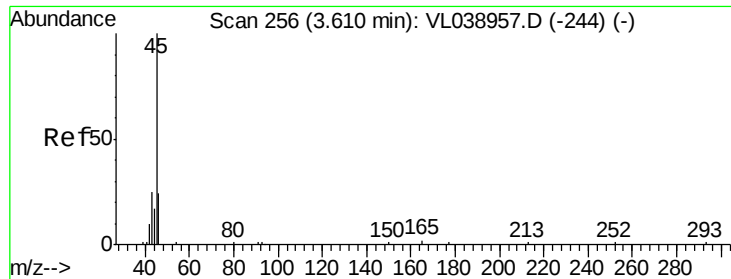
Tgt Ion: 43 Resp: 1679720

Ion Ratio Lower Upper

43 100

57 49.1 40.5 60.7





#13

Ethanol

Concen: 1952.850 ppbv

RT: 3.59 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

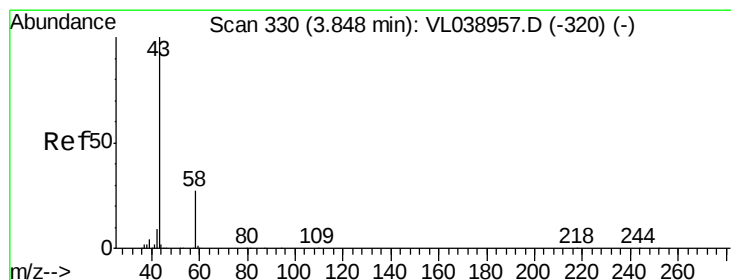
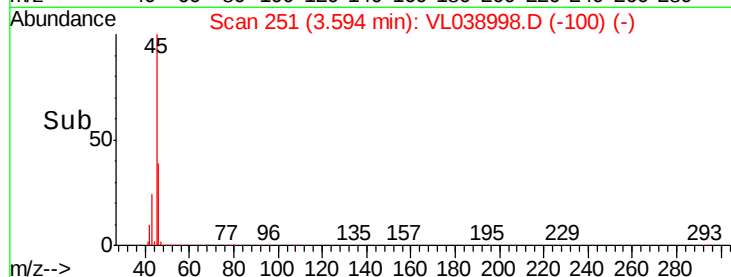
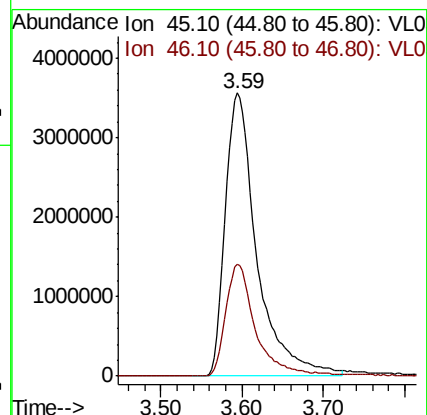
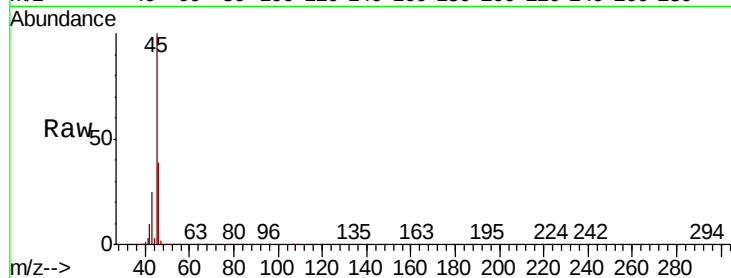
Acq: 9 May 2022 22:22

Tot Ion: 45 Resp: 9737041

Ion Ratio Lower Upper

45 100

46 38.8 18.0 72.2



#15

Acetone

Concen: 30.779 ppbv

RT: 3.86 min Scan# 335

Delta R.T. 0.02 min

Lab File: VL038998.D

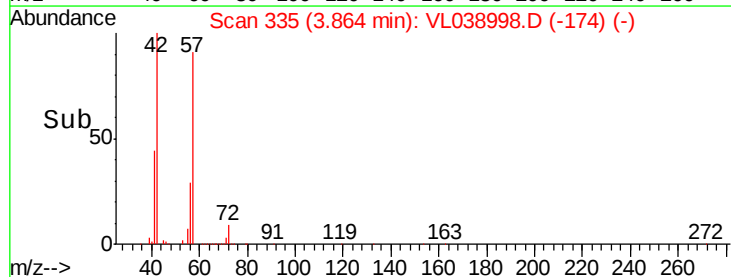
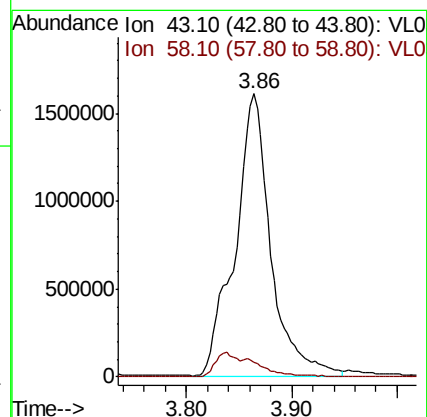
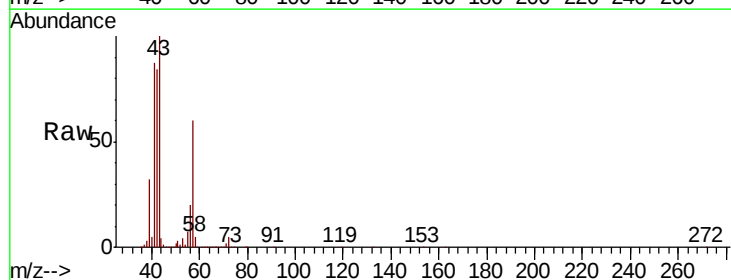
Acq: 9 May 2022 22:22

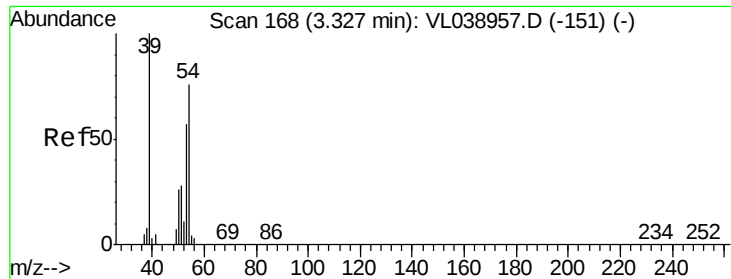
Tgt Ion: 43 Resp: 3774985

Ion Ratio Lower Upper

43 100

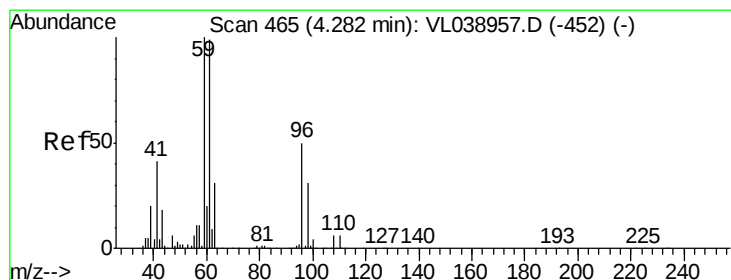
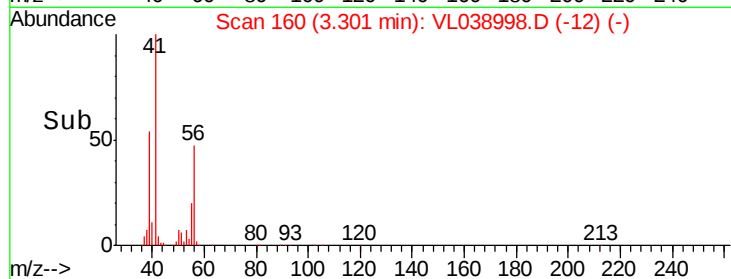
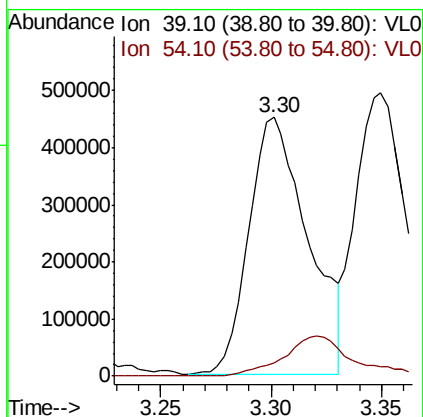
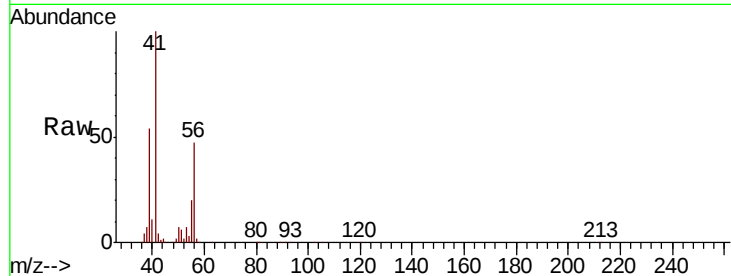
58 10.0 21.3 31.9#





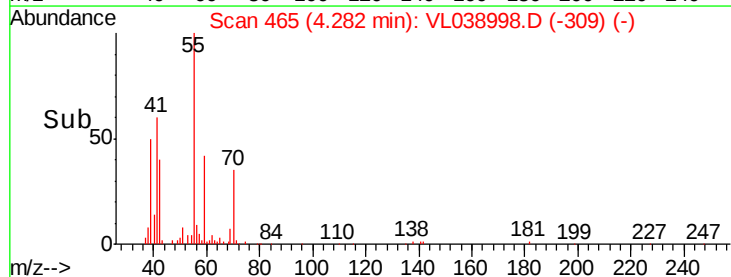
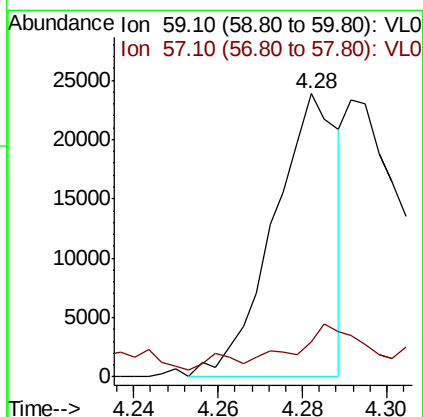
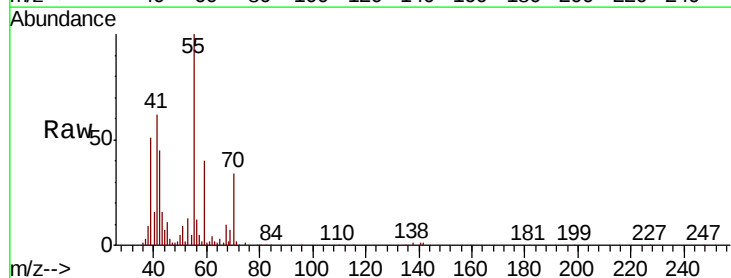
#16
 1,3-Butadiene
 Concen: 11.916 ppbv
 RT: 3.30
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SV1DL
 Acq: 9 May 2022 22:22

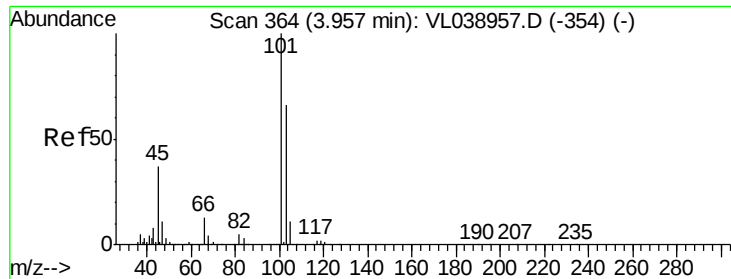
Tot Ion: 39 Resp: 839660
 Ion Ratio Lower Upper
 39 100
 54 18.6 65.2 97.8#



#17
 tert-Butyl alcohol
 Concen: 0.267 ppbv
 RT: 4.28 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: VL038998.D
 Acq: 9 May 2022 22:22

Tgt Ion: 59 Resp: 25169
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.2 13.8#





#19

Isopropyl Alcohol

Concen: 166.977 ppbv

RT: 3.59 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

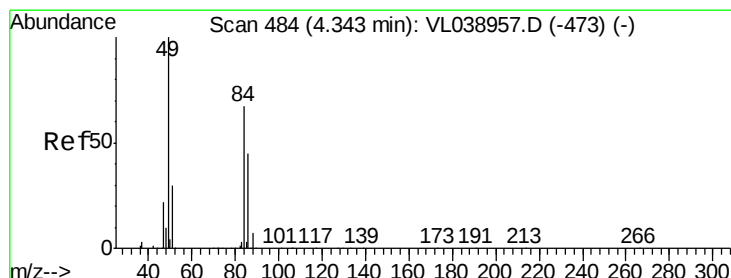
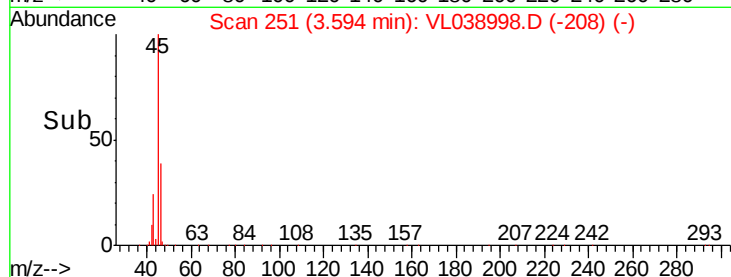
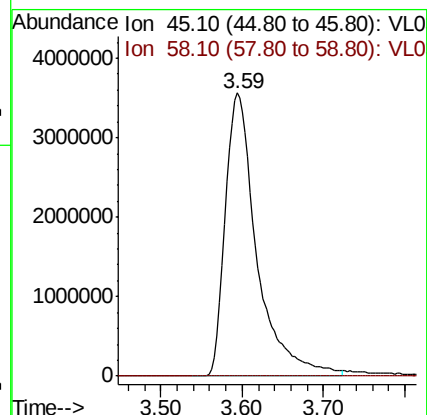
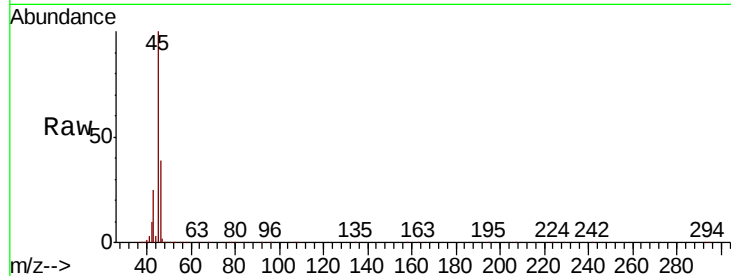
Acq: 9 May 2022 22:22

Tot Ion: 45 Resp: 9737041

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.2#



#20

Methylene Chloride

Concen: 1.516 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.01 min

Lab File: VL038998.D

Acq: 9 May 2022 22:22

Tgt Ion: 84 Resp: 70073

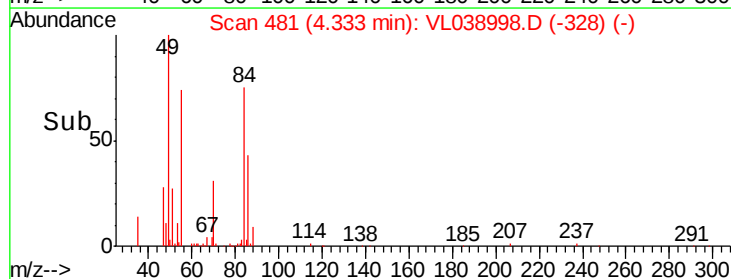
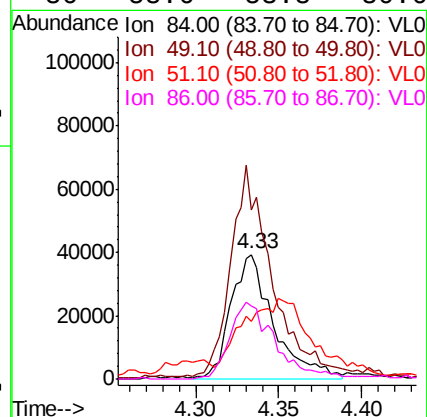
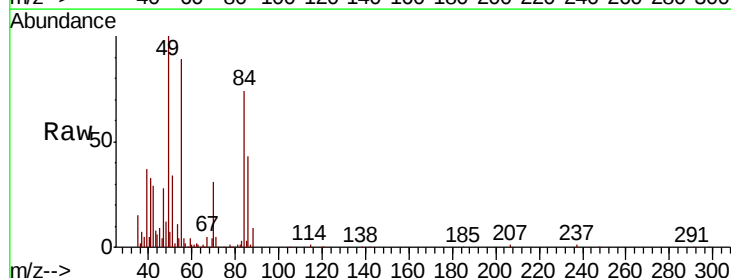
Ion Ratio Lower Upper

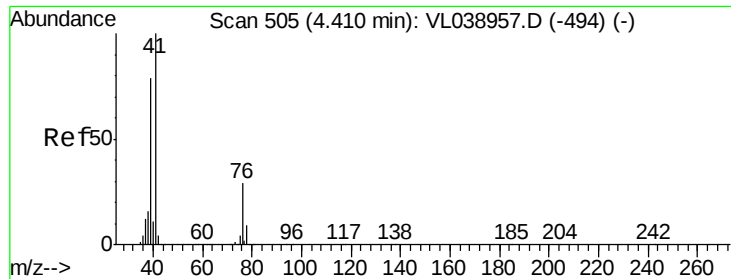
84 100

49 134.9 119.9 179.9

51 33.0 35.7 53.5#

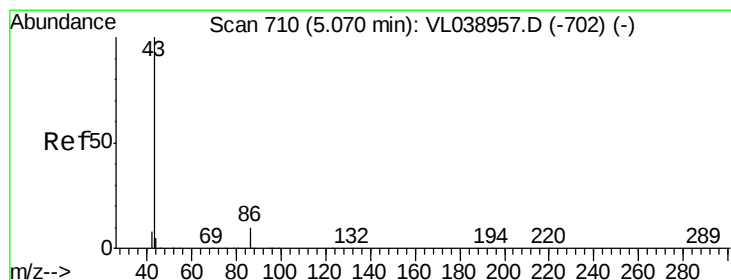
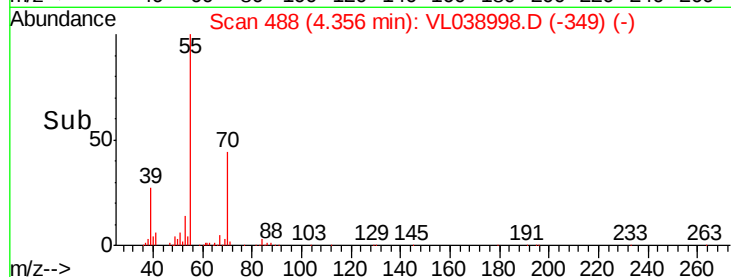
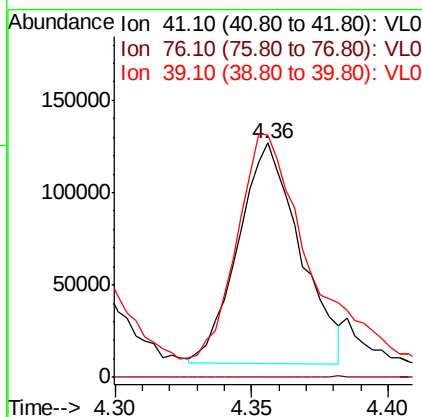
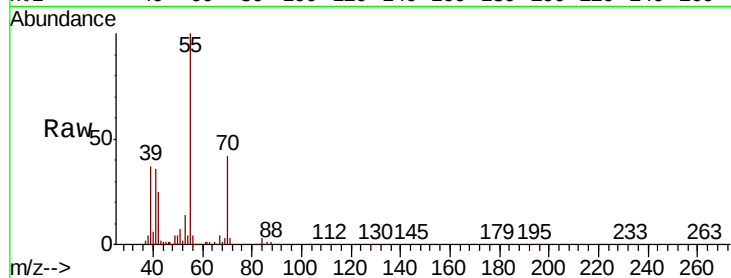
86 58.6 53.8 80.6





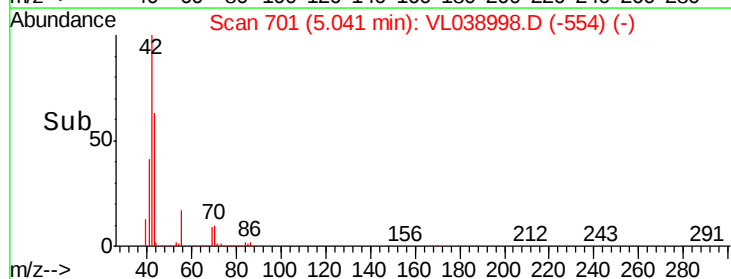
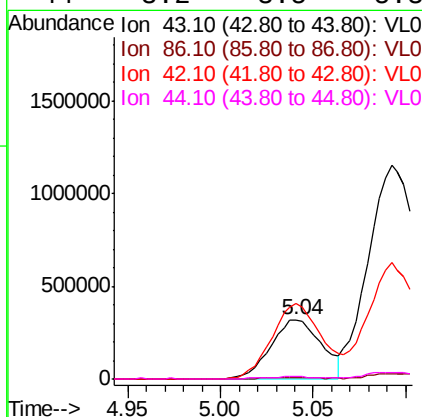
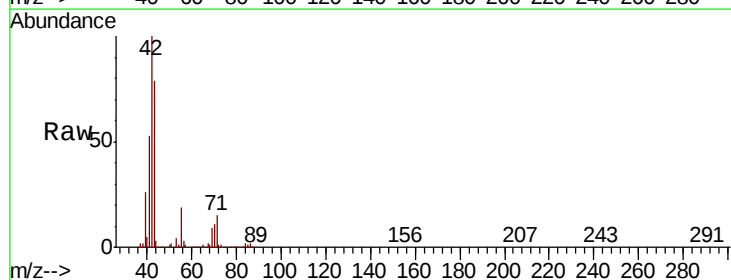
#21
 Allvl Chloride
 Concen: 2.246 ppbv
 RT: 4.36
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : SV1DL
 Acq: 9 May 2022 22:22

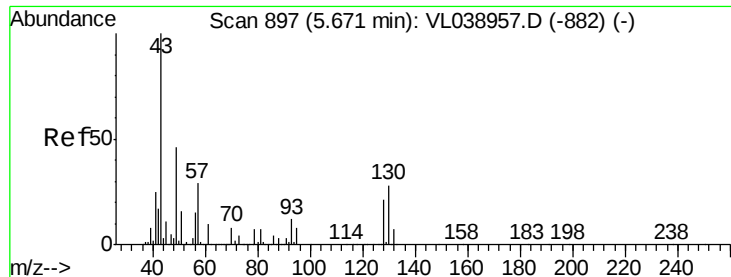
Tot Ion: 41 Resp: 187745
 Ion Ratio Lower Upper
 41 100
 76 0.0 24.2 36.4#
 39 143.3 63.8 95.8#



#23
 Vinyl Acetate
 Concen: 6.267 ppbv
 RT: 5.04 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: VL038998.D
 Acq: 9 May 2022 22:22

Tgt Ion: 43 Resp: 608151
 Ion Ratio Lower Upper
 43 100
 86 3.1 6.6 9.8#
 42 128.1 8.1 12.1#
 44 3.2 3.5 5.3#

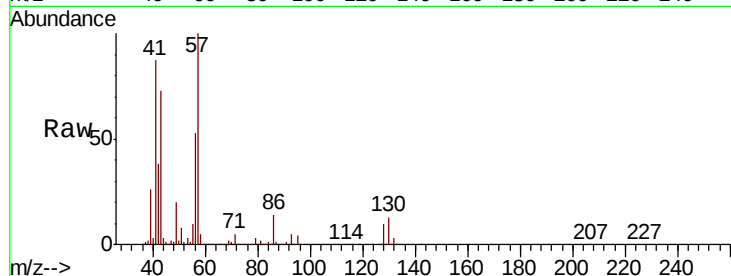




#25
Ethyl Acetate
Concen: 6.016 ppbv
RT: 5.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 9 May 2022 22:22

Tot Ion: 43 Resp: 1765980

Ion	Ratio	Lower	Upper
43	100		
45	1.8	8.1	12.1#
61	0.6	7.8	11.6#
70	1.8	5.6	8.4#



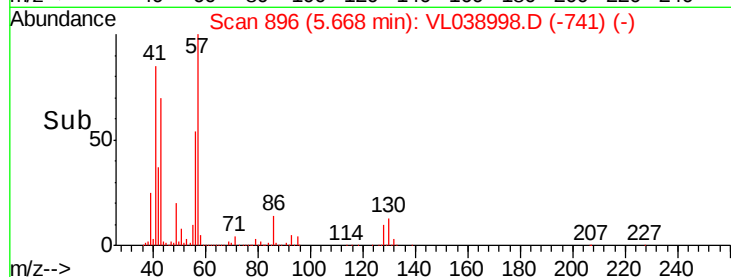
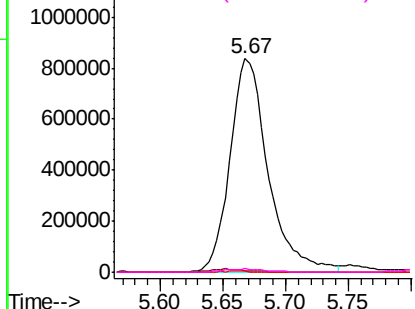
Abundance

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: 18.442 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.02 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

Tgt Ion: 57 Resp: 2405431

Ion	Ratio	Lower	Upper
57	100		
41	90.3	75.2	112.8
43	75.4	190.8	286.2#
56	53.3	43.0	64.6

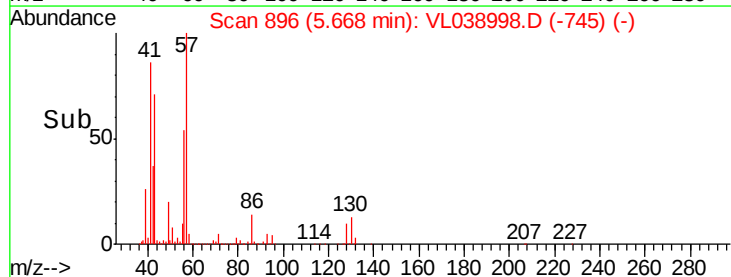
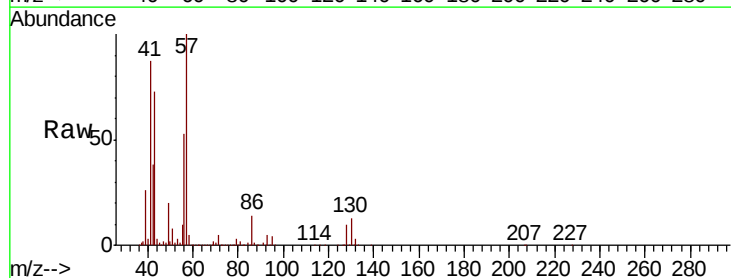
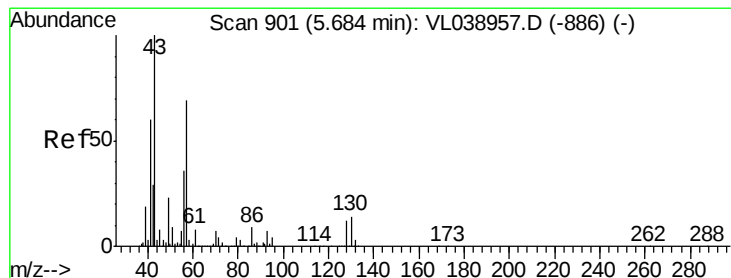
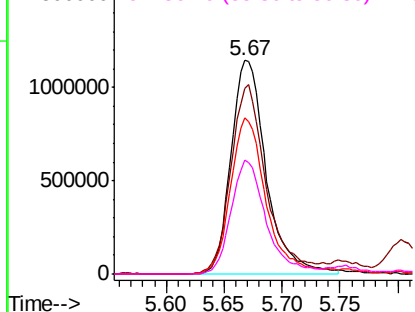
Abundance

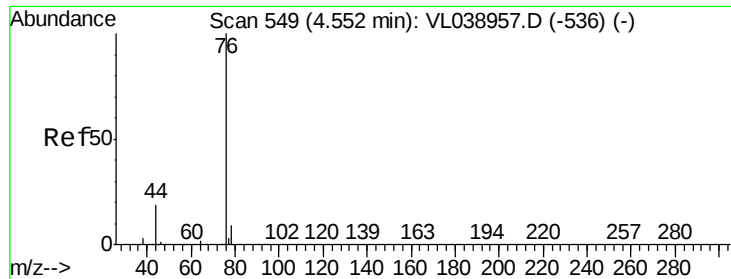
Ion 57.10 (56.80 to 57.80): VL0

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: 0.821 ppbv

RT: 4.54 Instrument: MSVOA_1

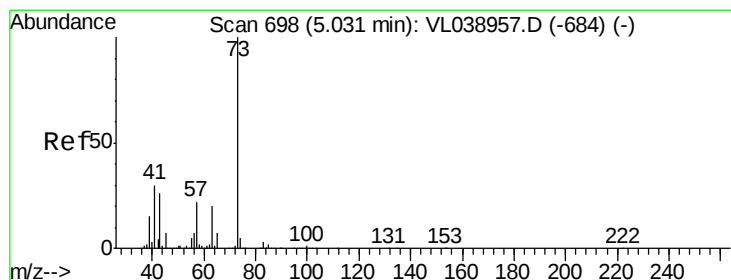
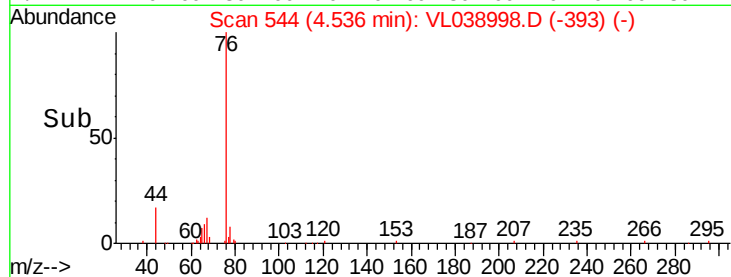
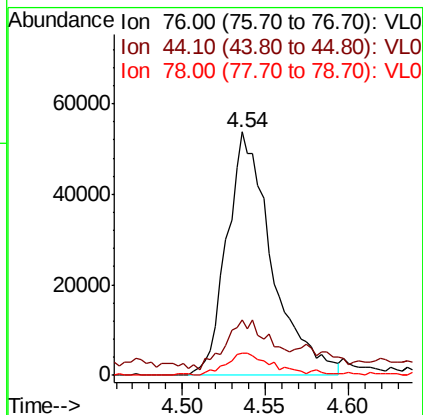
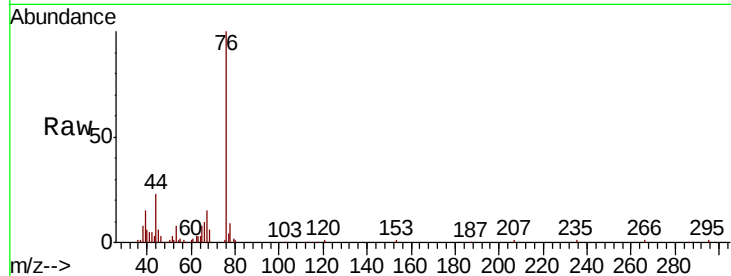
Delta R.T. ClientSampleId:

Lab File: SV1DL

Acq: 9 May 2022 22:22

Tot Ion: 76 Resp: 101769

Ion	Ratio	Lower	Upper
76	100		
44	30.1	15.3	22.9#
78	10.9	8.2	12.2



#28

Methyl tert-Butyl Ether

Concen: 0.045 ppbv

RT: 5.02 min Scan# 693

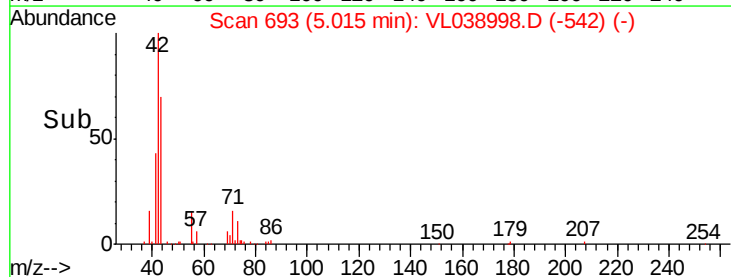
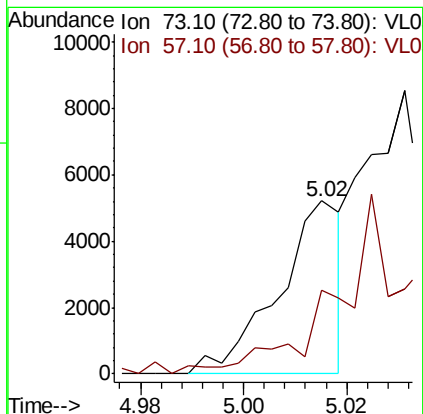
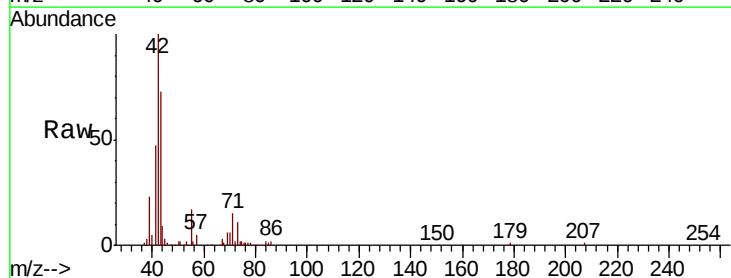
Delta R.T. -0.02 min

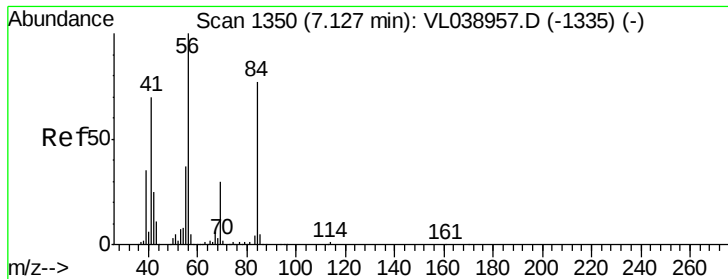
Lab File: VL038998.D

Acq: 9 May 2022 22:22

Tgt Ion: 73 Resp: 4450

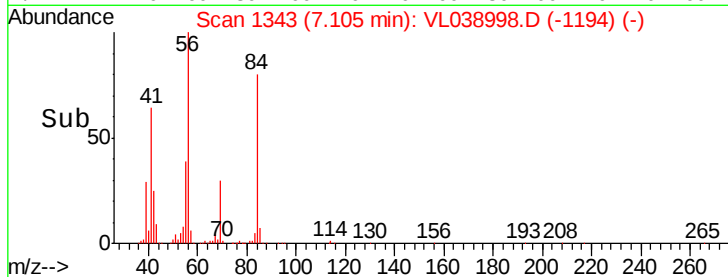
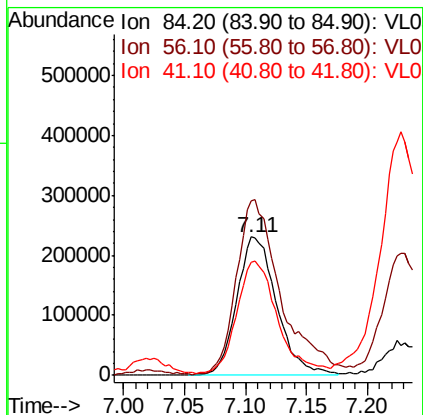
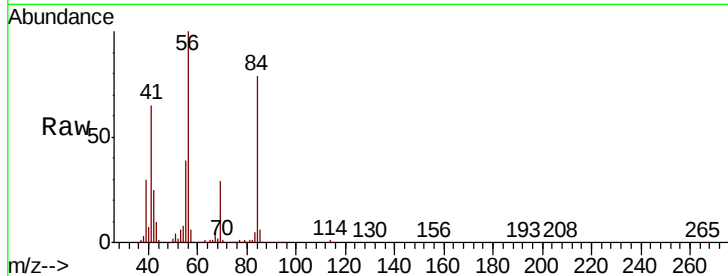
Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.8	28.2#





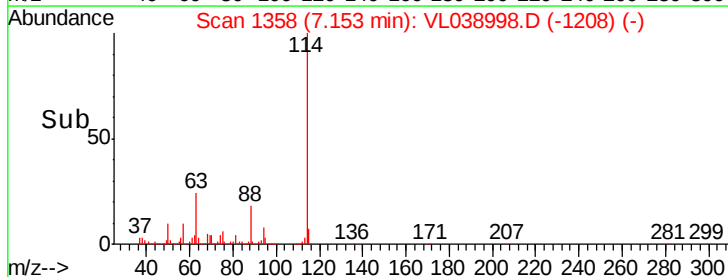
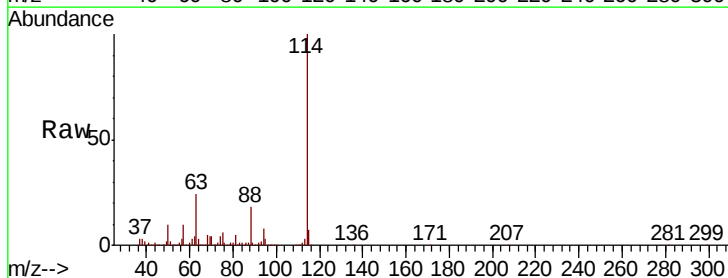
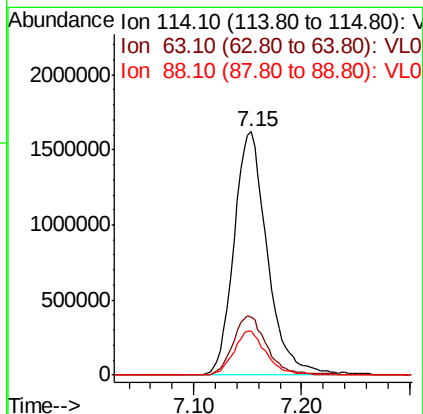
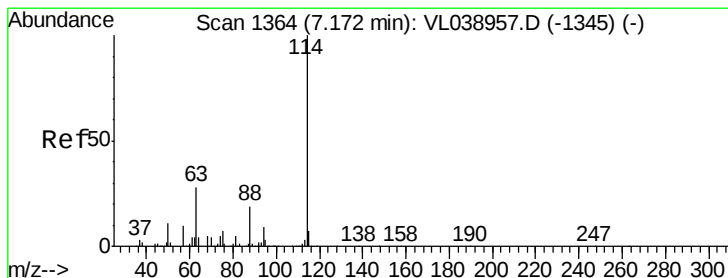
#30
Cvclohexane
Concen: 4.765 ppbv
RT: 7.11
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 22:22

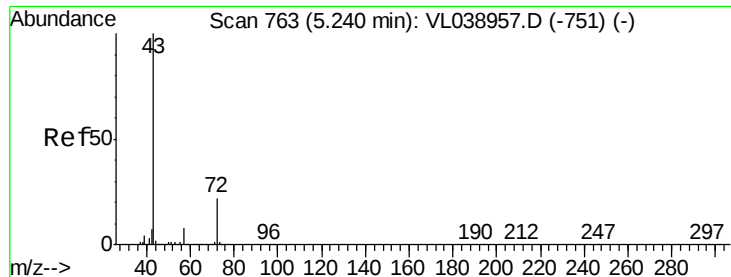
Tot Ion	84	Resp	520395
Ion Ratio	Lower	Upper	
84	100		
56	142.1	115.3	172.9
41	80.7	72.0	108.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1358
Delta R.T. -0.02 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

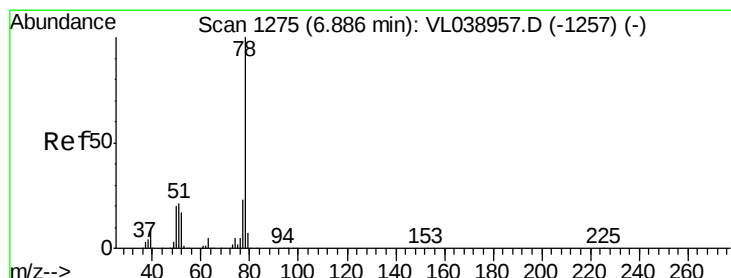
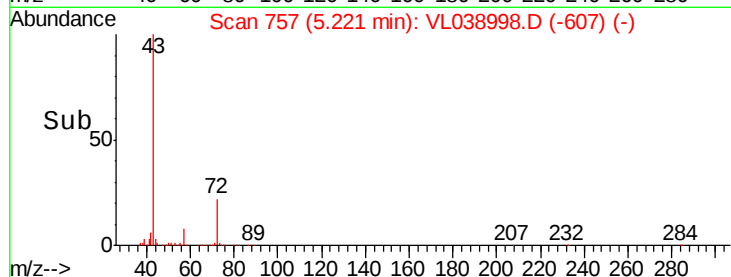
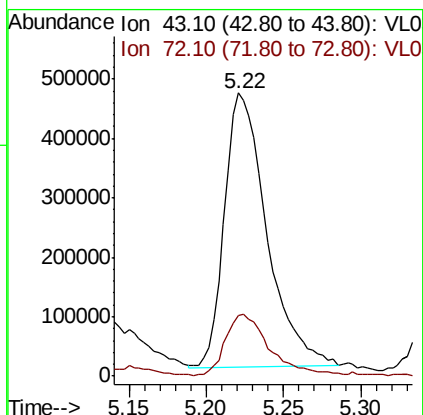
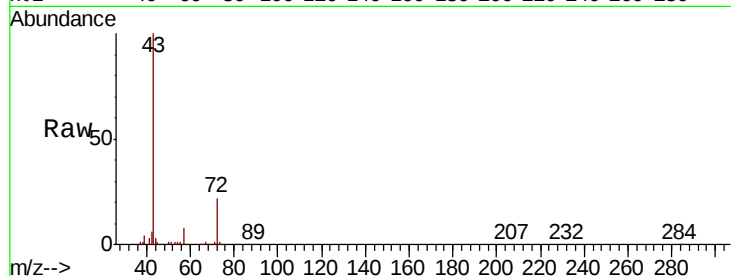
Tgt Ion	114	Resp	3484653
Ion Ratio	Lower	Upper	
114	100		
63	24.8	22.6	33.8
88	17.8	15.4	23.0





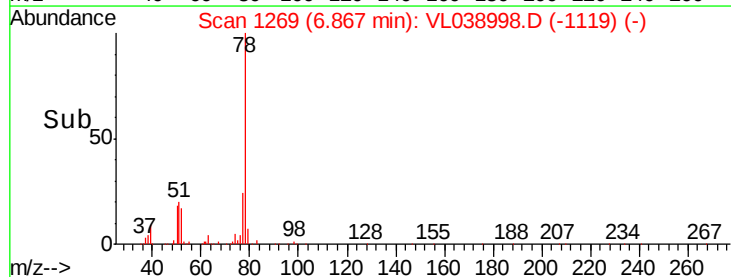
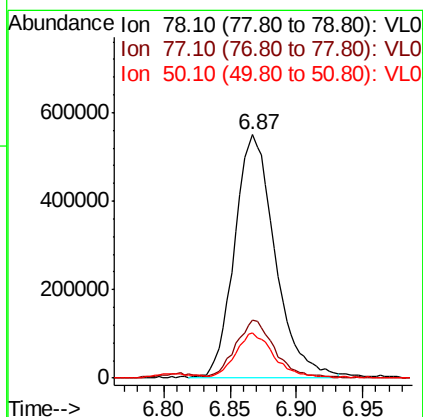
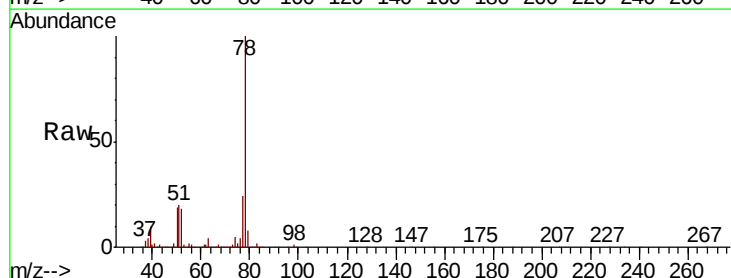
#34
2-Butanone
Concen: 4.942 ppbv
RT: 5.22
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 9 May 2022 22:22

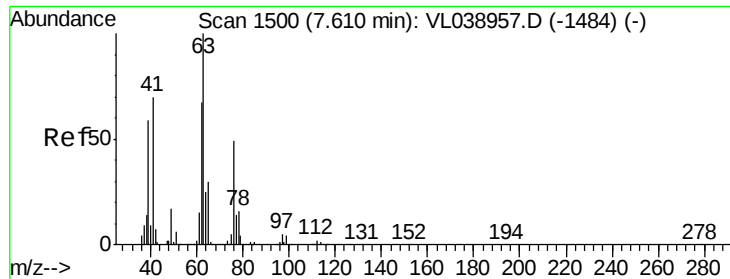
Tot Ion: 43 Resp: 878514
Ion Ratio Lower Upper
43 100
72 24.1 17.8 26.6



#36
Benzene
Concen: 3.898 ppbv
RT: 6.87 min Scan# 1269
Delta R.T. -0.02 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

Tgt Ion: 78 Resp: 1162574
Ion Ratio Lower Upper
78 100
77 23.5 18.6 28.0
50 18.3 15.6 23.4





#39

1,2-Dichloropropane

Concen: 7.230 ppbv

RT: 7.15 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 22:22 SV1DL

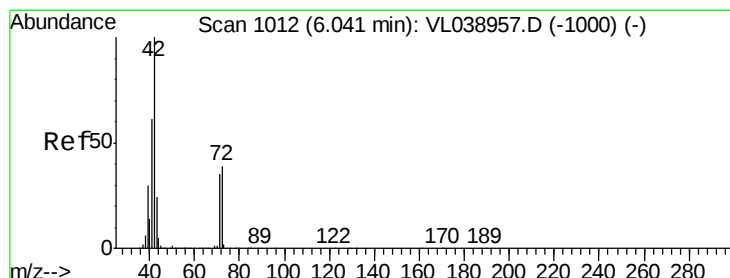
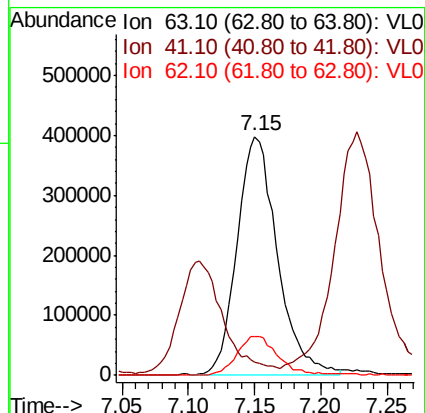
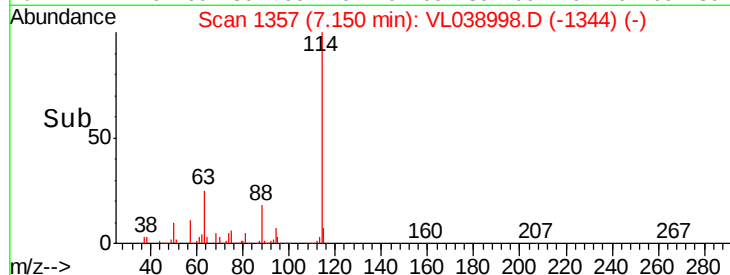
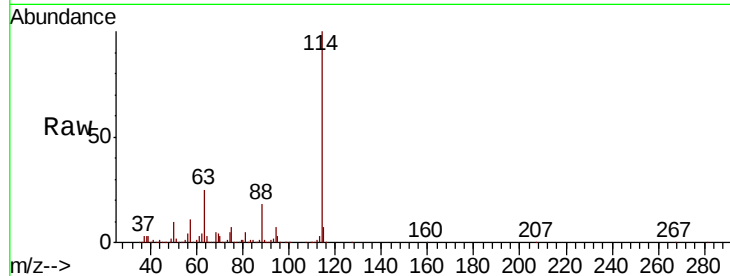
Tot Ion: 63 Resp: 838947

Ion Ratio Lower Upper

63 100

41 0.0 55.9 83.9#

62 16.0 53.8 80.6#



#41

Tetrahydrofuran

Concen: 0.323 ppbv

RT: 6.03 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VL038998.D

Acq: 9 May 2022 22:22

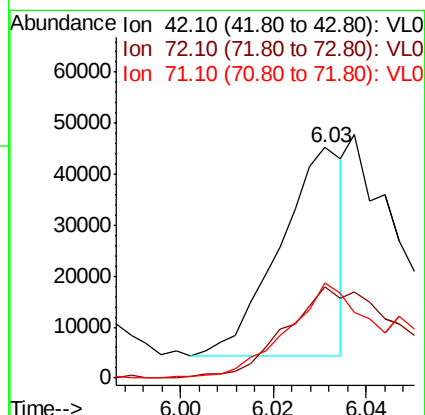
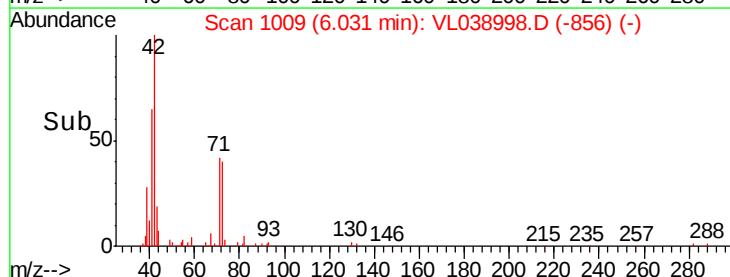
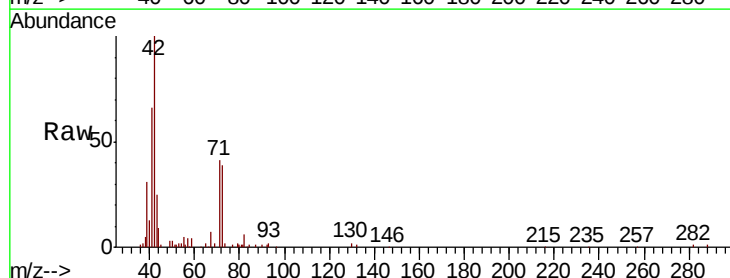
Tgt Ion: 42 Resp: 38575

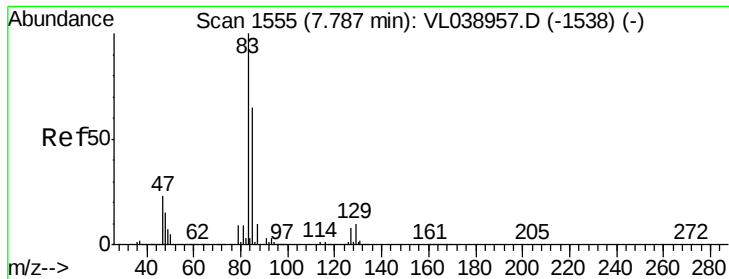
Ion Ratio Lower Upper

42 100

72 94.5 31.8 47.6#

71 91.0 30.6 45.8#





#42

Bromodichloromethane

Concen: 0.182 ppbv

RT: 7.76 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 22:22

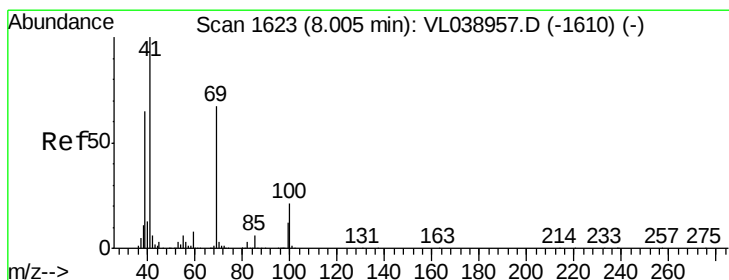
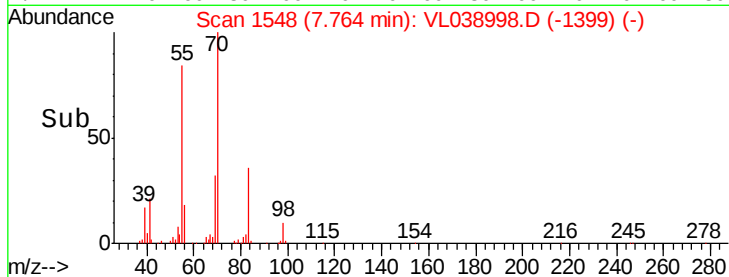
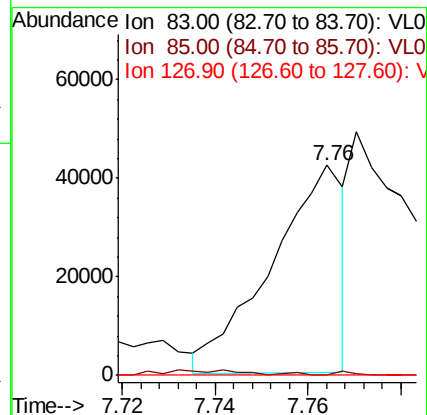
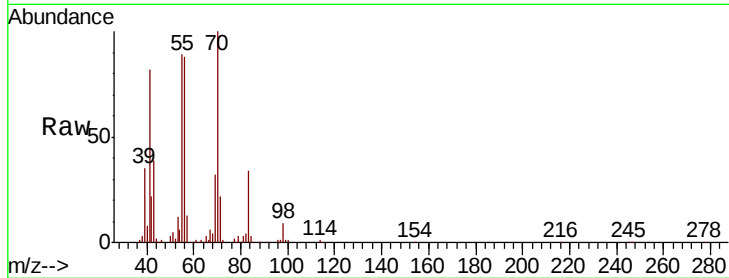
Tot Ion: 83 Resp: 45846

Ion Ratio Lower Upper

83 100

85 0.0 52.0 78.0#

127 0.0 6.0 9.0#



#43

Methyl Methacrylate

Concen: 0.460 ppbv

RT: 7.96 min Scan# 1608

Delta R.T. -0.05 min

Lab File: VL038998.D

Acq: 9 May 2022 22:22

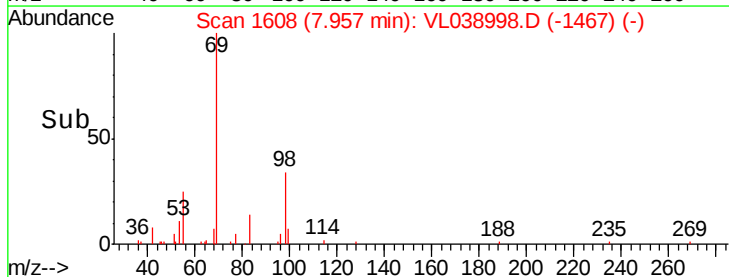
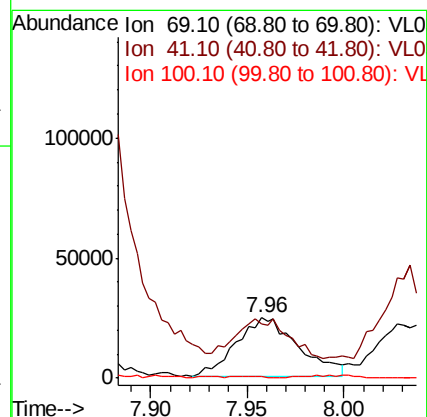
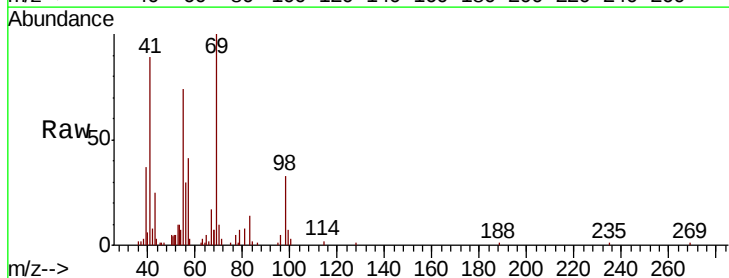
Tgt Ion: 69 Resp: 55714

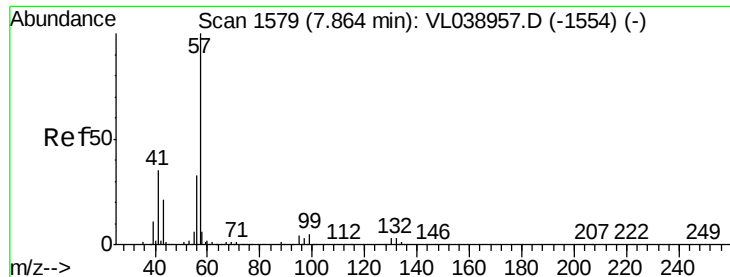
Ion Ratio Lower Upper

69 100

41 0.0 121.9 182.9#

100 0.0 24.6 36.8#





#44

2,2,4-Trimethylpentane

Concen: 12.721 ppbv

RT: 7.84 Instrument:

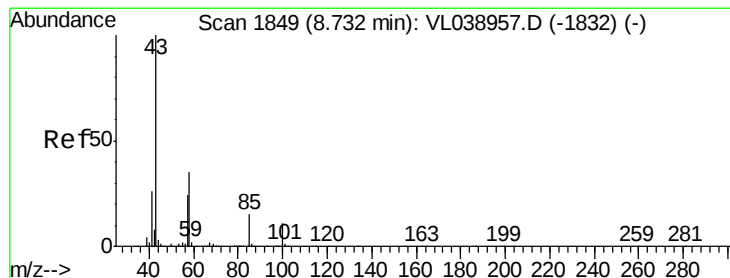
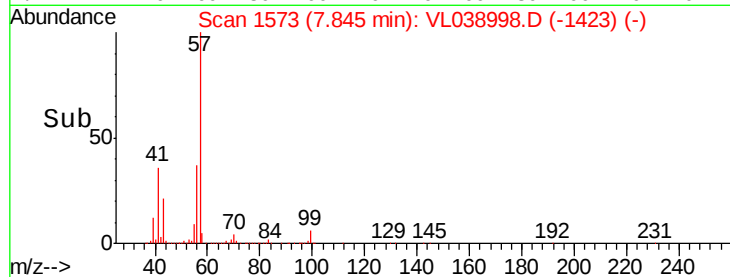
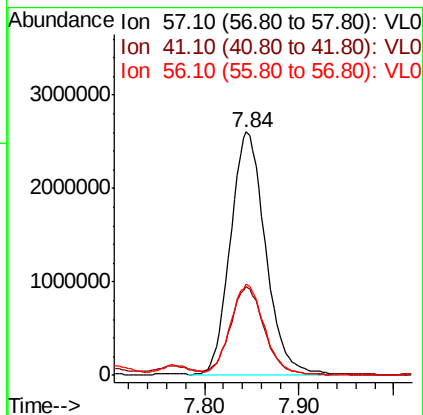
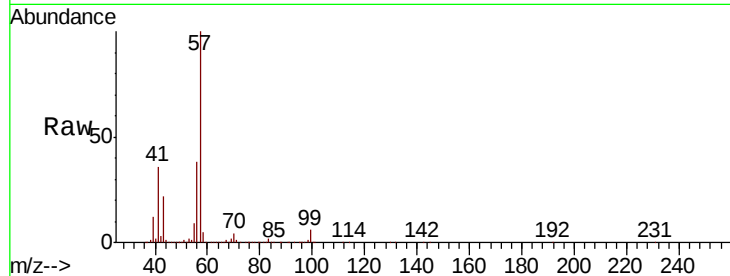
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 22:22

Tot Ion: 57 Resp: 6656725

Ion	Ratio	Lower	Upper
57	100		
41	35.6	26.3	39.5
56	37.1	24.6	37.0#



#50

4-Methyl-2-Pentanone

Concen: 0.394 ppbv

RT: 8.72 min Scan# 1845

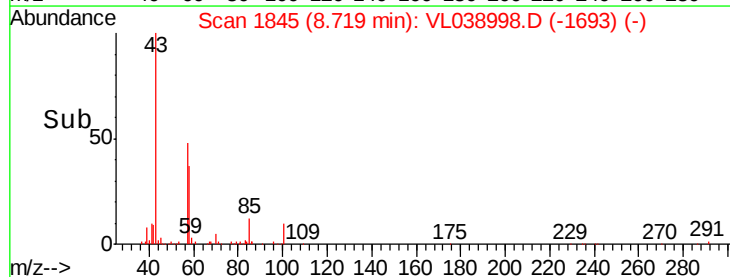
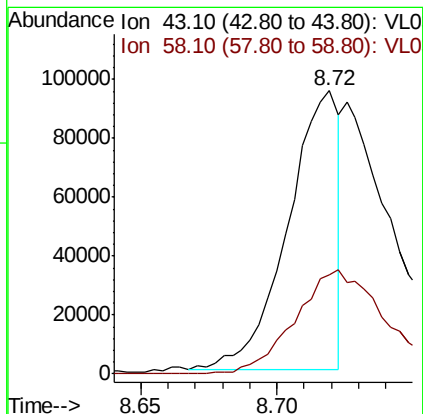
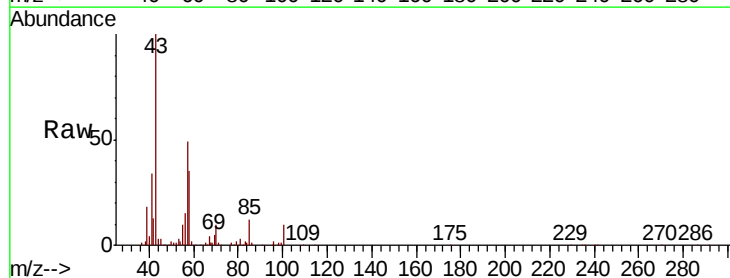
Delta R.T. -0.01 min

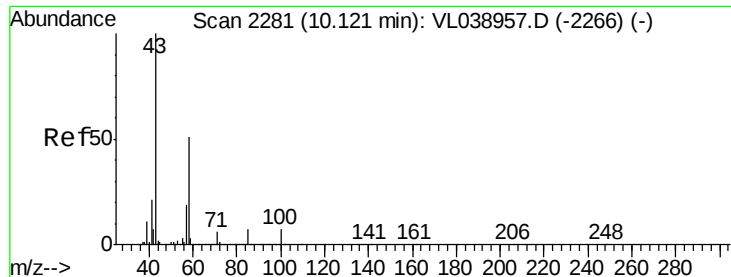
Lab File: VL038998.D

Acq: 9 May 2022 22:22

Tgt Ion: 43 Resp: 122813

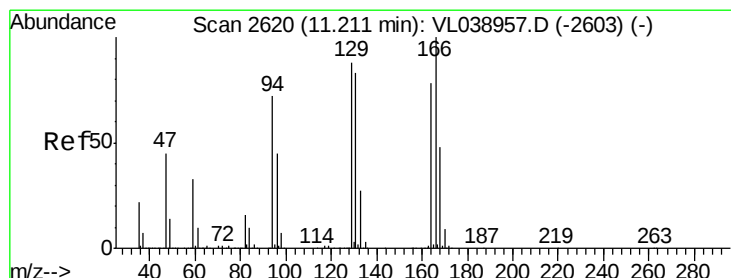
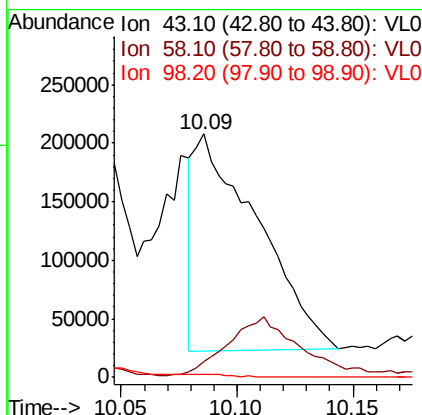
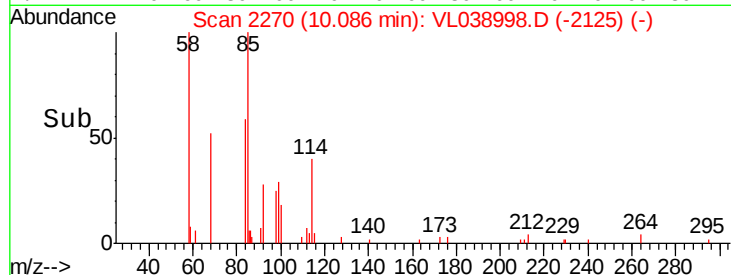
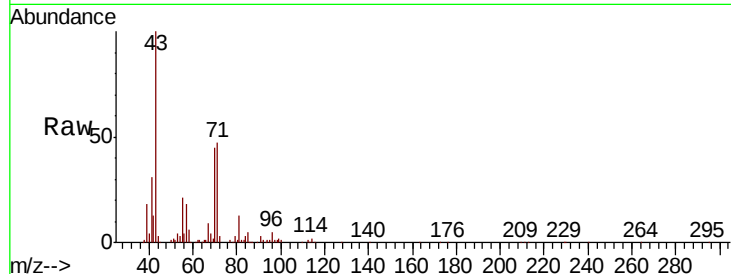
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.4	42.6#





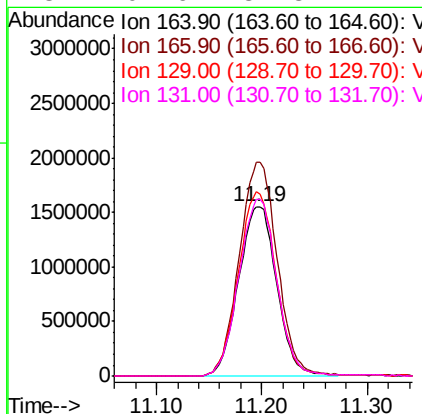
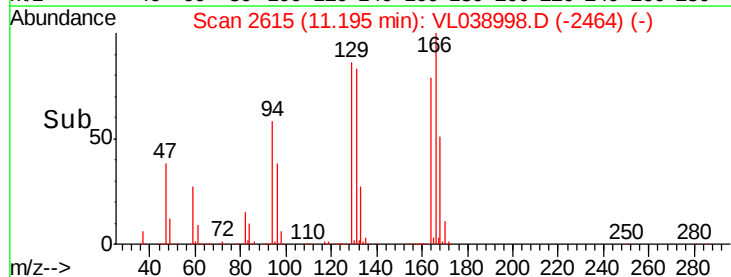
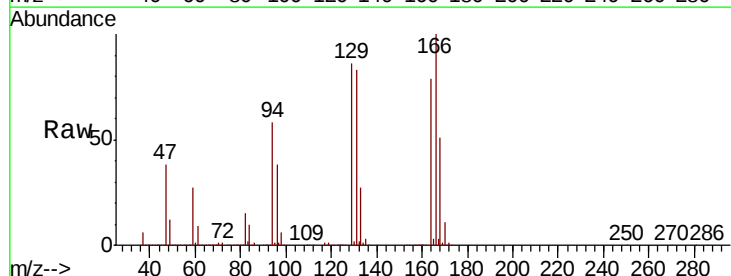
#51
2-Hexanone
Concen: 1.543 ppbv
RT: 10.09
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 9 May 2022 22:22

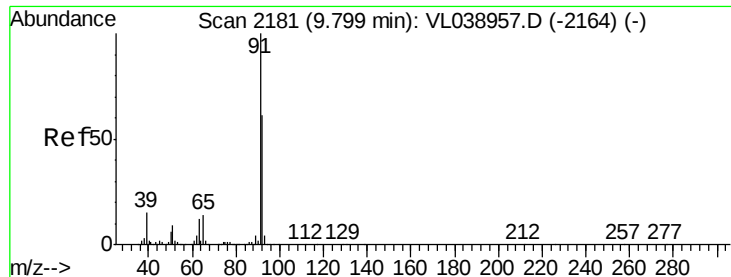
Tot Ion: 43 Resp: 351019
Ion Ratio Lower Upper
43 100
58 35.3 39.3 58.9#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 36.618 ppbv
RT: 11.19 min Scan# 2615
Delta R.T. -0.02 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

Tgt Ion: 164 Resp: 3902293
Ion Ratio Lower Upper
164 100
166 126.1 102.5 153.7
129 108.5 90.1 135.1
131 104.6 84.8 127.2





#53

Toluene

Concen: 22.678 ppbv

RT: 9.78 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

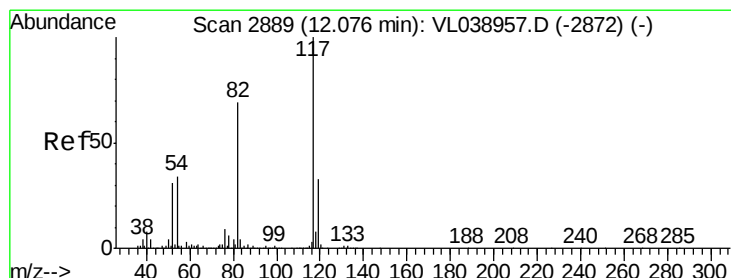
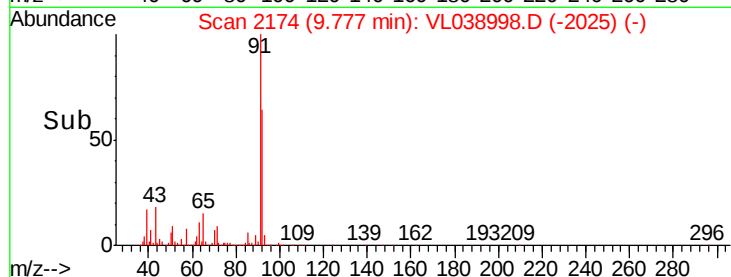
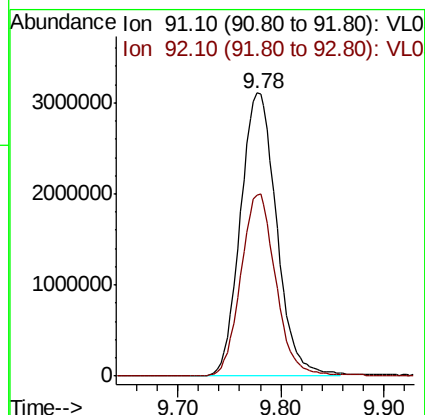
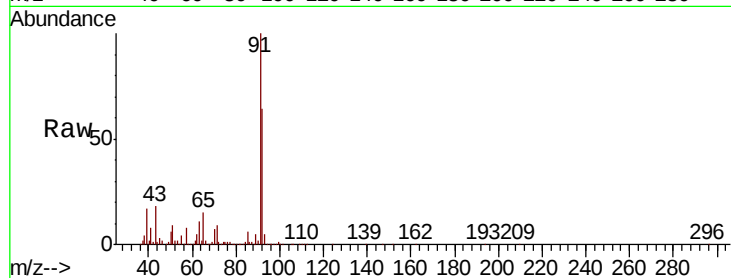
Acq: 9 May 2022 22:22

Tot Ion: 91 Resp: 7580062

Ion Ratio Lower Upper

91 100

92 63.1 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2882

Delta R.T. -0.02 min

Lab File: VL038998.D

Acq: 9 May 2022 22:22

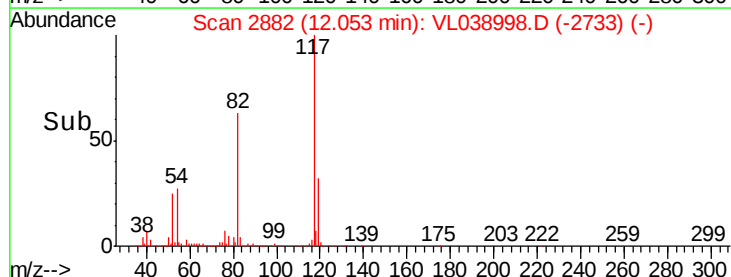
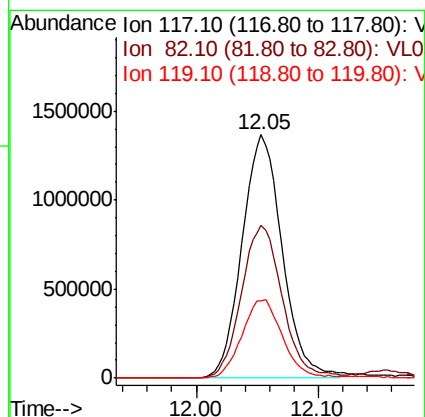
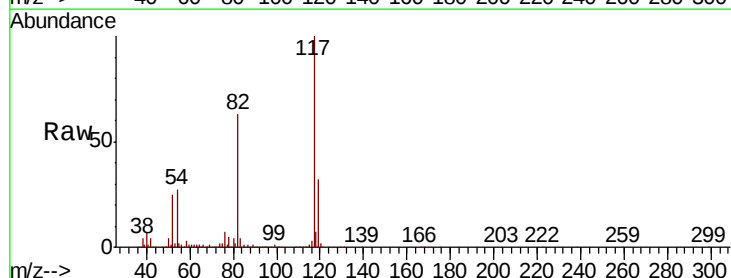
Tgt Ion: 117 Resp: 3108420

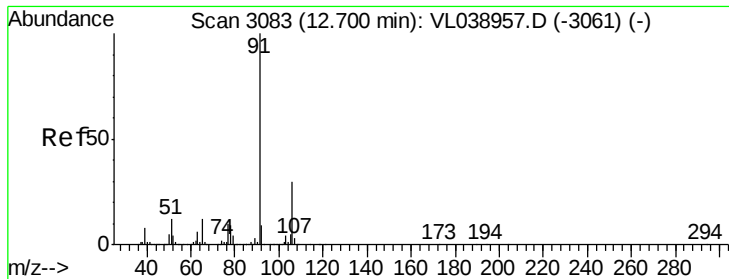
Ion Ratio Lower Upper

117 100

82 64.1 57.0 85.6

119 33.4 27.2 40.8





#58

Ethyl Benzene

Concen: 4.726 ppbv

RT: 12.68

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

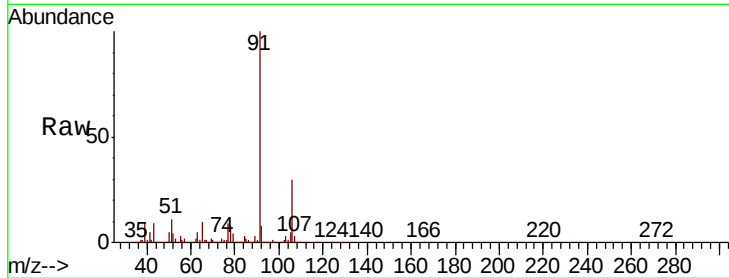
Acq: 9 May 2022 22:22

Tot Ion: 91 Resp: 2114267

Ion Ratio Lower Upper

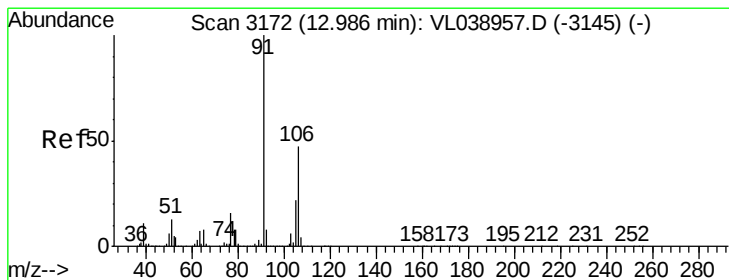
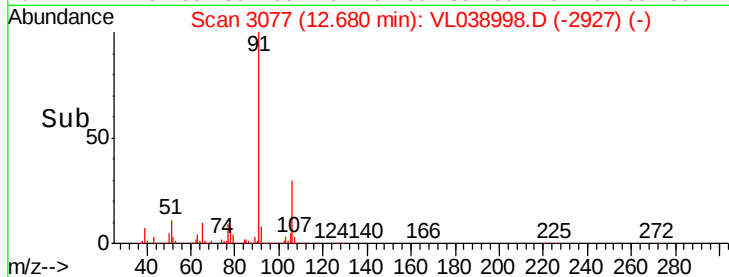
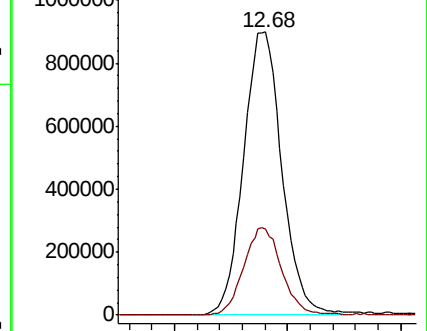
91 100

106 30.3 24.2 36.4



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 12.964 ppbv

RT: 12.93 min Scan# 3155

Delta R.T. -0.05 min

Lab File: VL038998.D

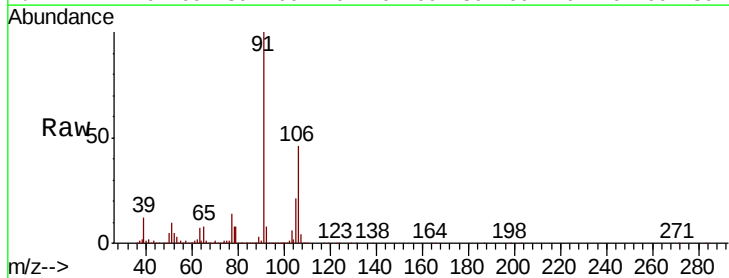
Acq: 9 May 2022 22:22

Tgt Ion: 91 Resp: 4950687

Ion Ratio Lower Upper

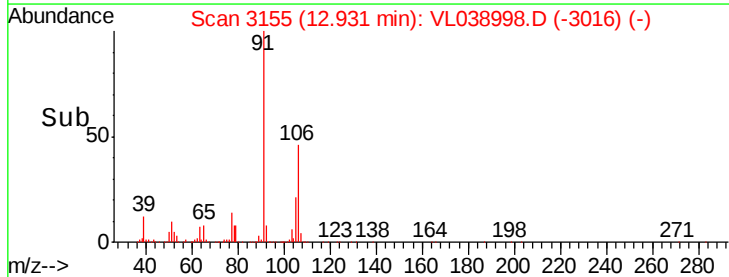
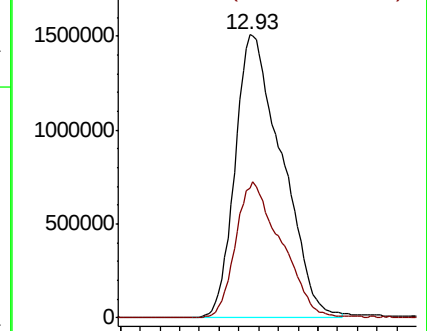
91 100

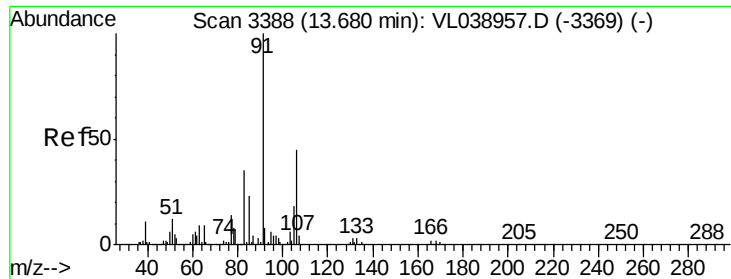
106 47.6 34.6 52.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

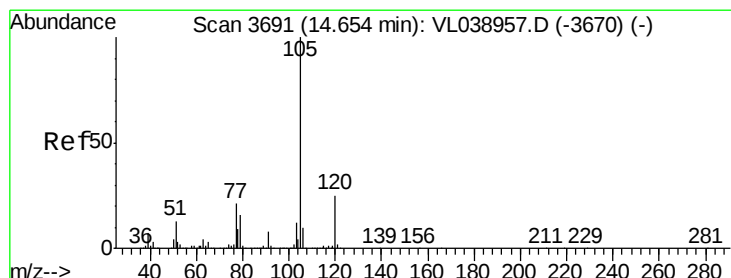
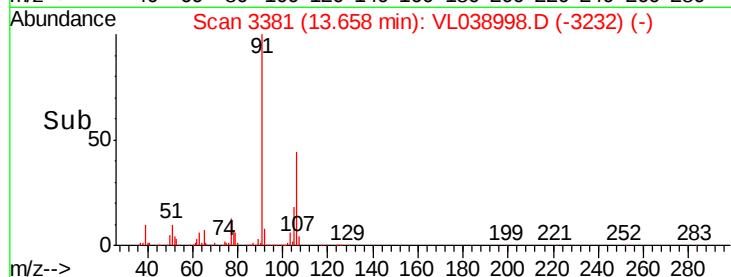
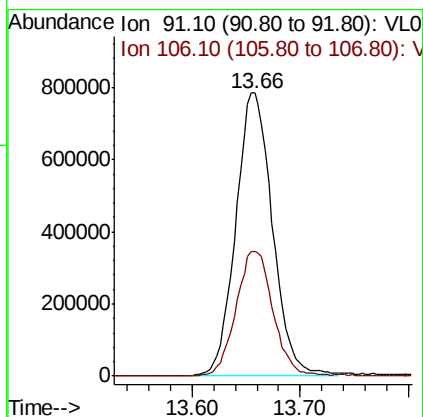
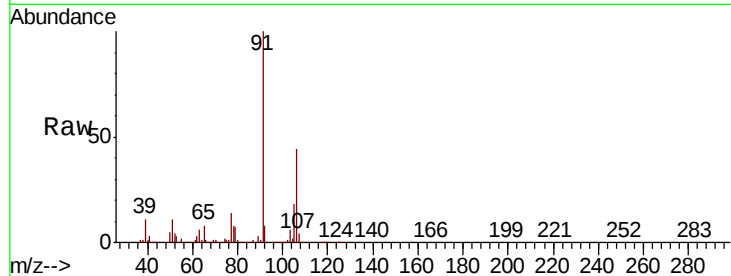
Ion 106.10 (105.80 to 106.80): V





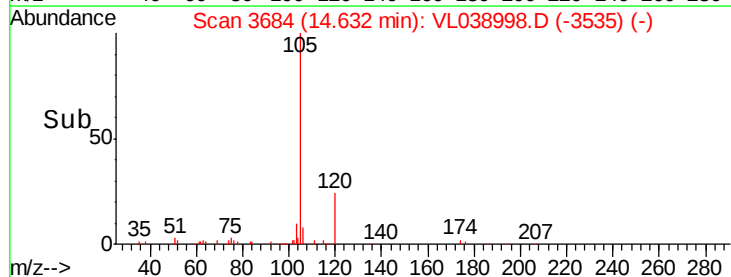
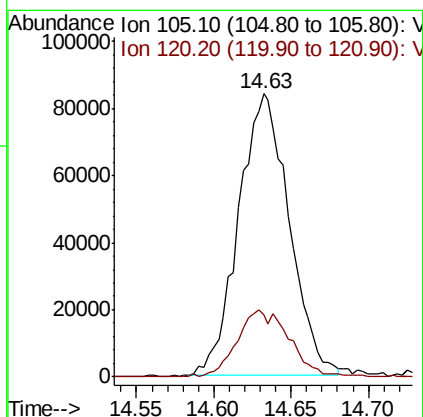
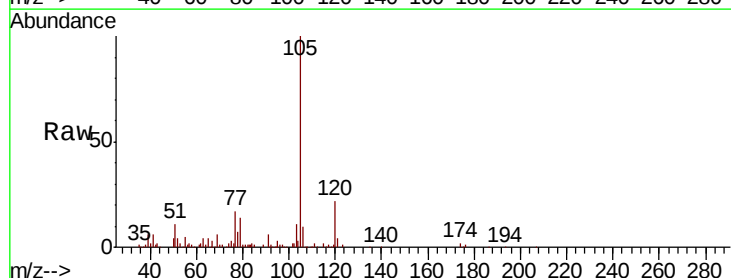
#60
o-Xylene
Concen: 5.154 ppbv
RT: 13.66
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
SV1DL
Acq: 9 May 2022 22:22

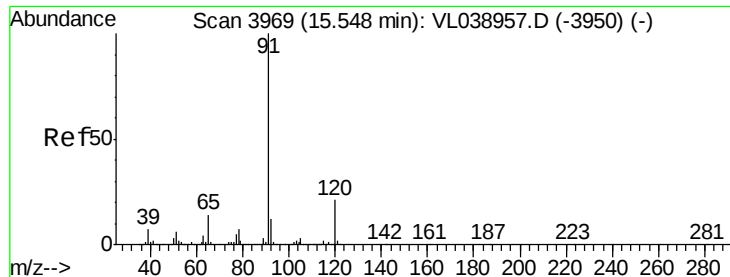
Tot Ion: 91 Resp: 1852467
Ion Ratio Lower Upper
91 100
106 44.6 22.2 66.6



#62
Isopropylbenzene
Concen: 0.360 ppbv
RT: 14.63 min Scan# 3684
Delta R.T. -0.02 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

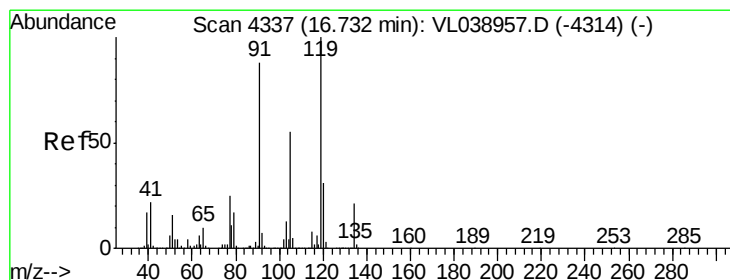
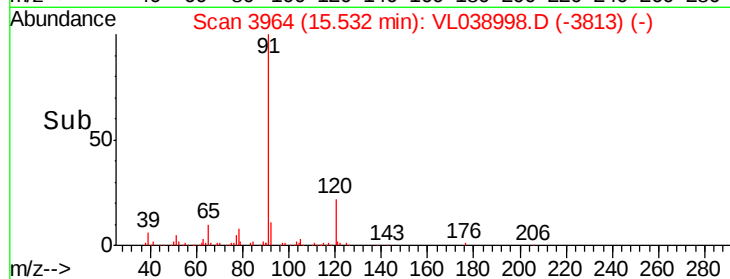
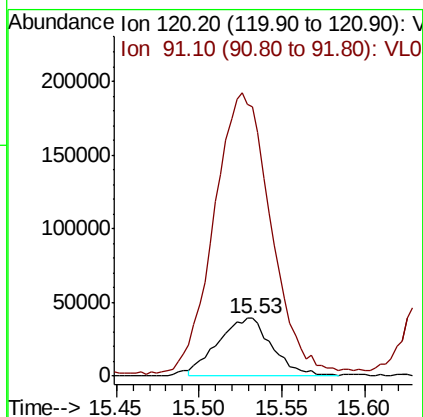
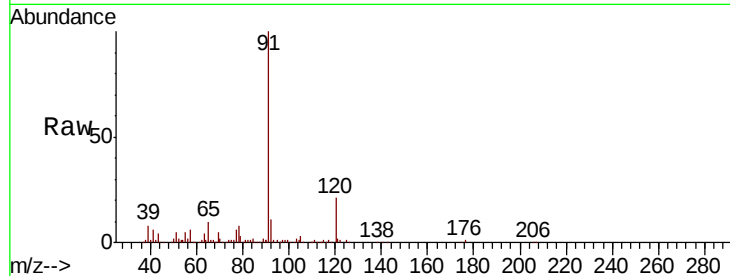
Tgt Ion:105 Resp: 189468
Ion Ratio Lower Upper
105 100
120 24.7 20.5 30.7





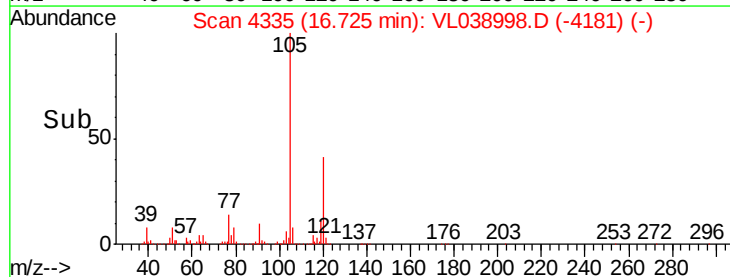
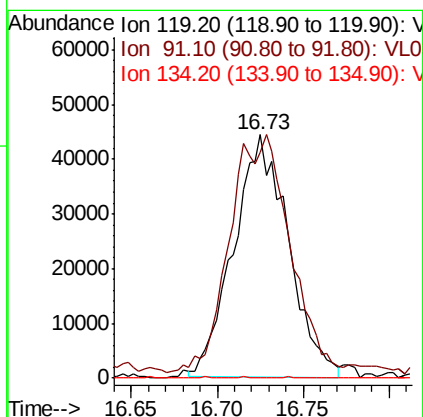
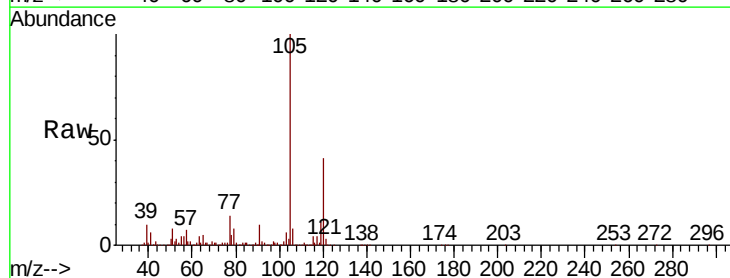
#64
n-propylbenzene
Concen: 0.690 ppbv
RT: 15.53 min
Delta R.T.: MSVOA_L
Lab File: ClientSampleId : SV1DL
Acq: 9 May 2022 22:22

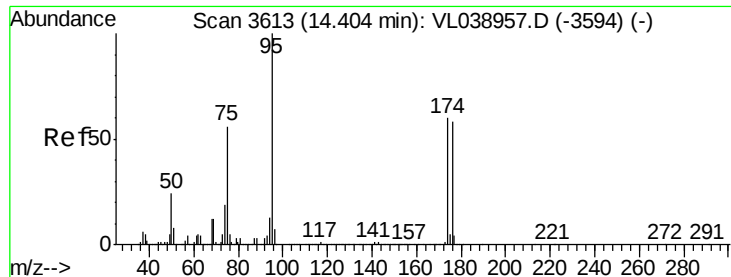
Tot Ion:120 Resp: 87625
Ion Ratio Lower Upper
120 100
91 514.2 400.6 601.0



#65
tert-Butylbenzene
Concen: 0.214 ppbv
RT: 16.73 min Scan# 4335
Delta R.T.: -0.01 min
Lab File: VL038998.D
Acq: 9 May 2022 22:22

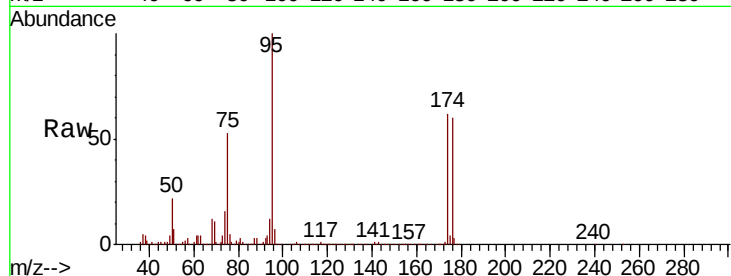
Tgt Ion:119 Resp: 98444
Ion Ratio Lower Upper
119 100
91 111.3 69.4 104.2#
134 0.0 15.8 23.8#



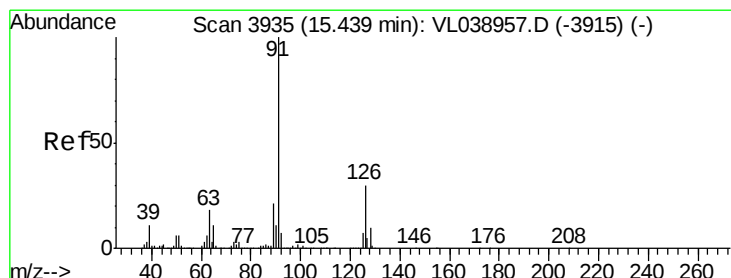
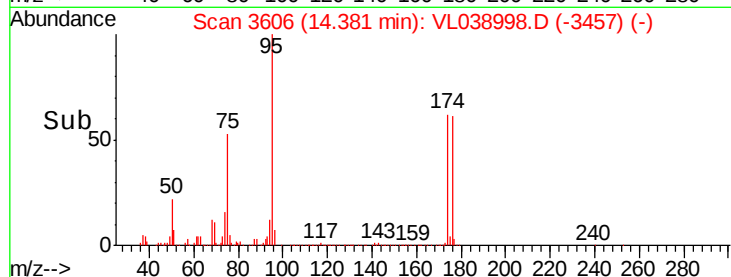
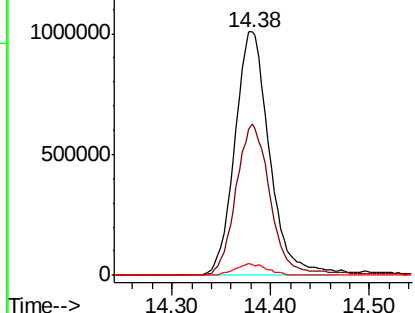


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.963 ppbv
 RT: 14.38 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SV1DL
 Acq: 9 May 2022 22:22

Tot Ion: 95 Resp: 2452707
 Ion Ratio Lower Upper
 95 100
 174 63.1 50.8 76.2
 175 4.5 3.8 5.6

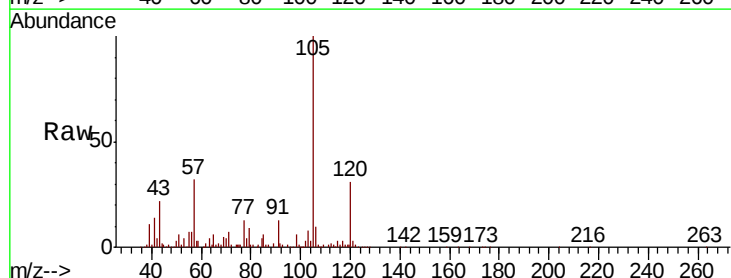


Abundance Ion 95.10 (94.80 to 95.80): VL0
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

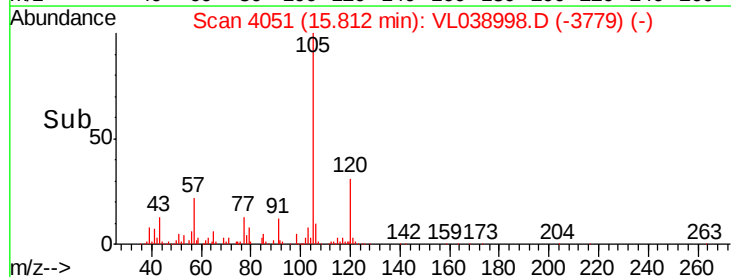
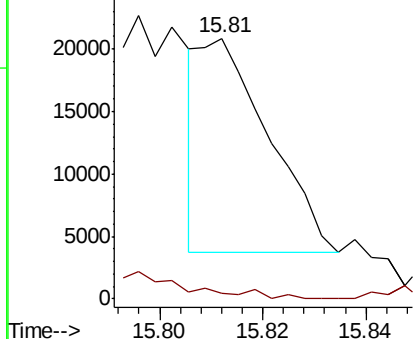


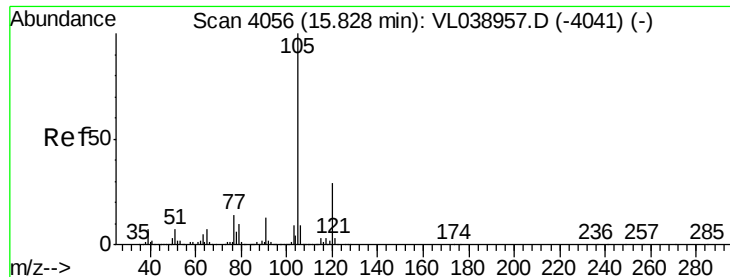
#71
 2-Chlorotoluene
 Concen: 0.038 ppbv
 RT: 15.81 min Scan# 4051
 Delta R.T. 0.37 min
 Lab File: VL038998.D
 Acq: 9 May 2022 22:22

Tgt Ion: 91 Resp: 15567
 Ion Ratio Lower Upper
 91 100
 126 16.2 11.9 47.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 126.10 (125.80 to 126.80): V





#72

4-Ethyltoluene

Concen: 0.986 ppbv

RT: 15.81

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 9 May 2022 22:22

Tot Ion:105 Resp: 403941

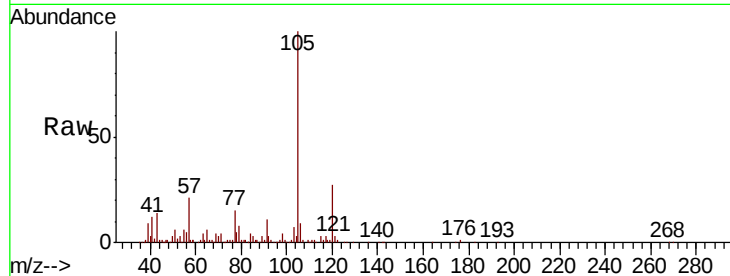
Ion Ratio Lower Upper

105 100

120 28.7 23.4 35.0

91 12.6 10.6 16.0

77 14.4 12.5 18.7

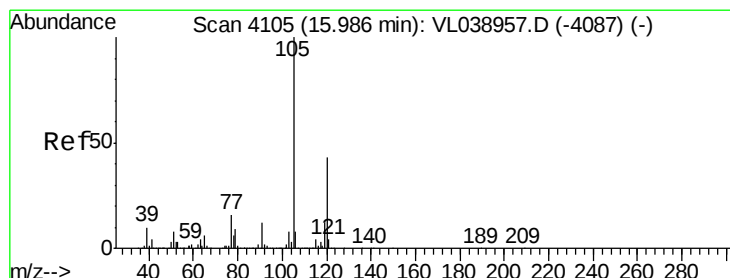
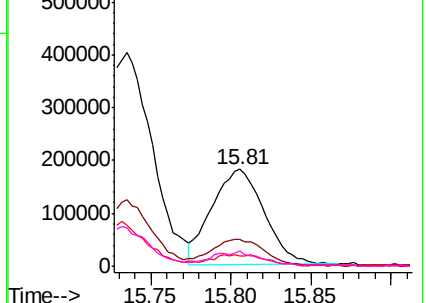
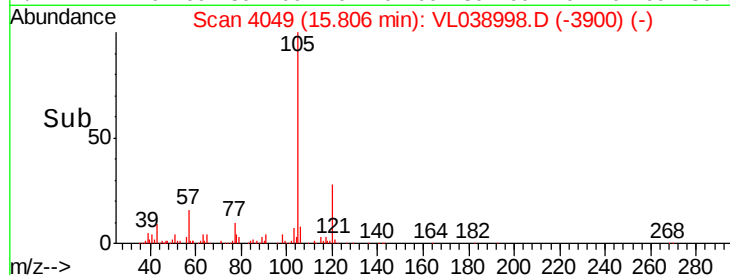


Abundance Ion 105.10 (104.80 to 105.80): V

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



#73

1,3,5-Trimethylbenzene

Concen: 0.773 ppbv

RT: 15.96 min Scan# 4098

Delta R.T. -0.02 min

Lab File: VL038998.D

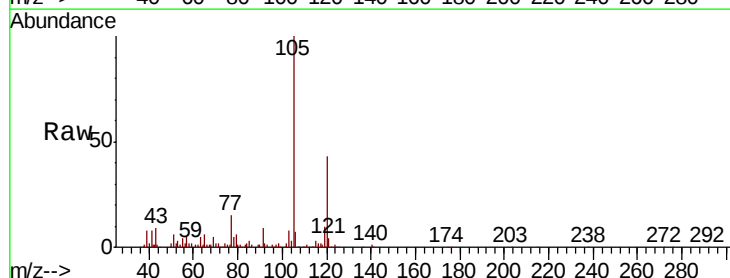
Acq: 9 May 2022 22:22

Tgt Ion:105 Resp: 284957

Ion Ratio Lower Upper

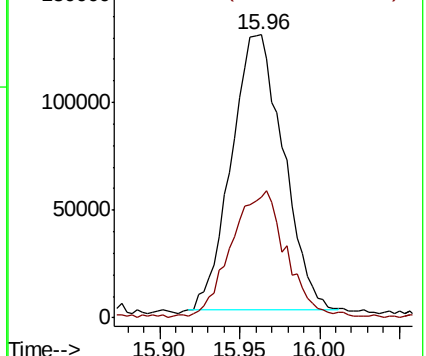
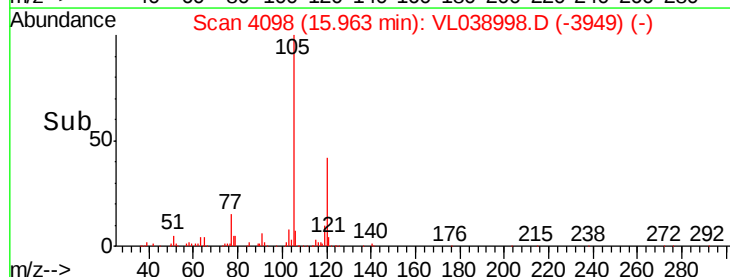
105 100

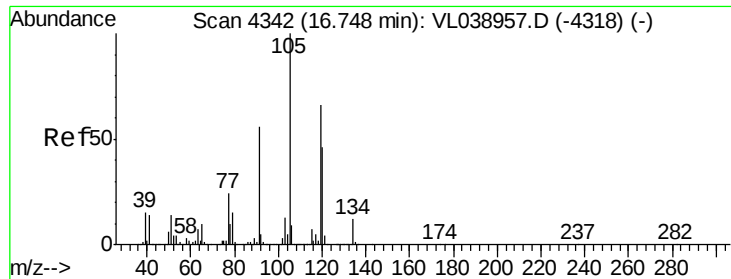
120 43.2 34.4 51.6



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: 2.286 ppbv
 RT: 16.73
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 9 May 2022 22.22

Tot Ion:	105	Resp:	923035
Ion	Ratio	Lower	Upper
105	100		
120	41.3	36.9	55.3
91	9.9	45.0	67.4#
77	13.3	19.2	28.8#

