

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL020122\
 Data File : VL038320.D
 Acq On : 1 Feb 2022 13:44
 Operator : SY/AP
 Sample : N1341-02 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2DL

Quant Time: Feb 02 05:13:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

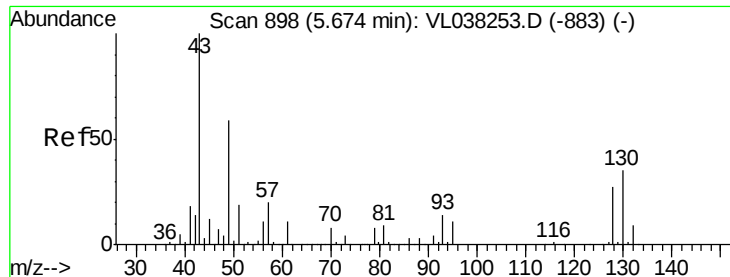
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	941925	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	2580170	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.04	117	2267684	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1795067	10.43	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.30%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.03	85	12650	0.063 ppbv	89
3) Chlorodifluoromethane	2.97	51	8505	0.045 ppbv	94
4) Chloromethane	3.13	50	2844	0.044 ppbv #	62
9) Propene	3.19	41	199800	3.273 ppbv	97
13) Ethanol	3.60	45	7790	1.189 ppbv #	37
15) Acetone	3.84	43	165861	1.998 ppbv #	88
16) 1,3-Butadiene	3.29	39	19929	0.334 ppbv #	36
20) Methylene Chloride	4.32	84	12241	0.253 ppbv	97
25) Ethyl Acetate	5.65	43	26239	0.113 ppbv #	89
26) Hexane	5.65	57	59307	0.548 ppbv #	45
27) Carbon Disulfide	4.53	76	4862	0.038 ppbv #	45
30) Cyclohexane	7.09	84	6095	0.065 ppbv #	1
36) Benzene	6.86	78	7025	0.031 ppbv #	84
39) 1,2-Dichloropropane	7.14	63	669201	7.232 ppbv #	25
44) 2,2,4-Trimethylpentane	7.83	57	16891	0.042 ppbv #	1
49) Bromoform	12.99	173	4769	0.043 ppbv #	37
53) Toluene	9.76	91	42709	0.169 ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.08	131	3507	0.035 ppbv #	14
57) Chlorobenzene	12.10	112	8932	0.049 ppbv #	58
58) Ethyl Benzene	12.66	91	33749	0.101 ppbv	94
59) m/p-Xylene	12.94	91	9269	0.033 ppbv #	32
60) o-Xylene	13.65	91	30651	0.116 ppbv	100
61) Styrene	13.48	104	6141	0.050 ppbv #	26
62) Isopropylbenzene	14.62	105	33207	0.094 ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.63	83	12663	0.065 ppbv #	24
65) tert-Butylbenzene	16.69	119	21457	0.074 ppbv #	1
67) sec-Butylbenzene	17.25	105	60532	0.150 ppbv	97
69) p-Isopropyltoluene	17.60	119	34767	0.112 ppbv #	44
70) n-Butylbenzene	18.51	91	49950	0.165 ppbv	97
71) 2-Chlorotoluene	15.41	91	29737	0.114 ppbv	93
72) 4-Ethyltoluene	15.79	105	23671	0.086 ppbv #	71
73) 1,3,5-Trimethylbenzene	15.95	105	21636	0.087 ppbv	96
74) 1,2,4-Trimethylbenzene	16.72	105	42035	0.160 ppbv	96
75) 1,3-Dichlorobenzene	16.94	146	10353	0.074 ppbv #	1
76) 1,4-Dichlorobenzene	17.09	146	18413	0.135 ppbv	82
77) 1,2-Dichlorobenzene	17.77	146	15819	0.121 ppbv	78
78) Hexachloro-1,3-Butadiene	23.32	225	5829	0.064 ppbv #	18
80) Naphthalene,2-methyl-	24.94	142	3055	0.229 ppbv #	67

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 13:44 SVP-2DL

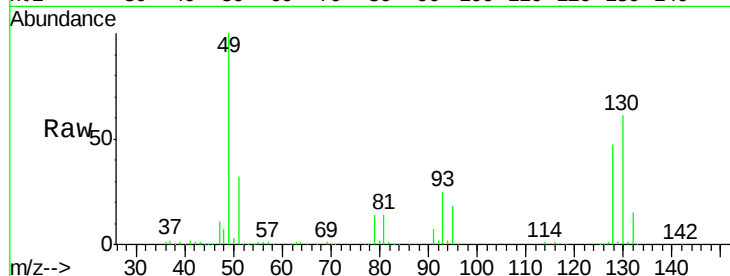
Tgt Ion: 49 Resp: 941925

Ion Ratio Lower Upper

49 100

128 48.4 24.5 73.5

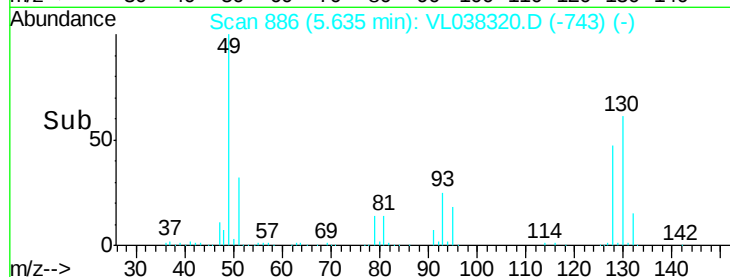
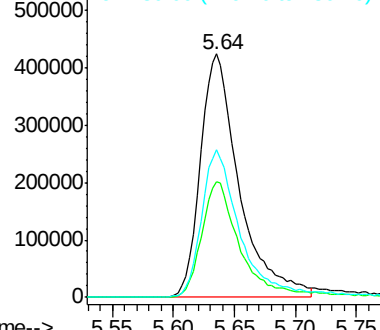
130 62.7 30.1 90.5



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: 0.063 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.03 min

Lab File: VL038320.D

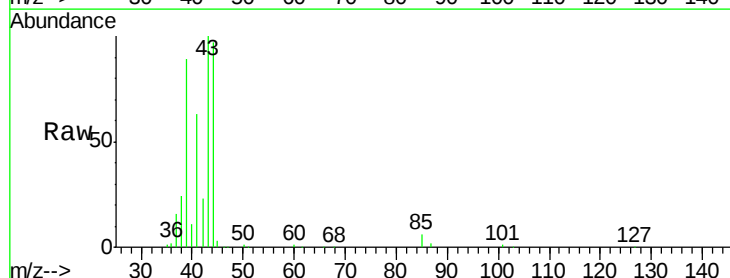
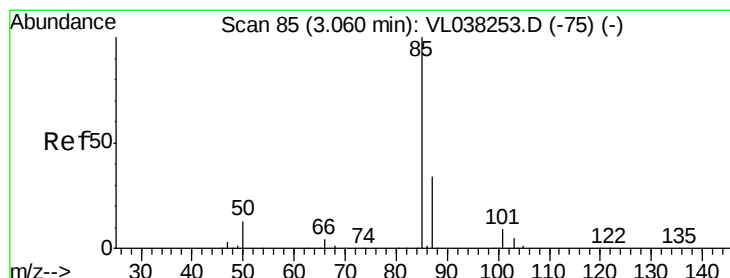
Acq: 1 Feb 2022 13:44

Tgt Ion: 85 Resp: 12650

Ion Ratio Lower Upper

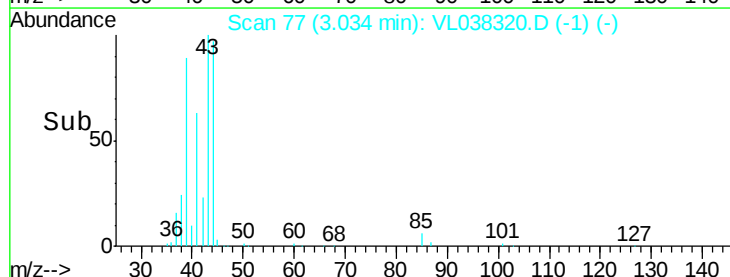
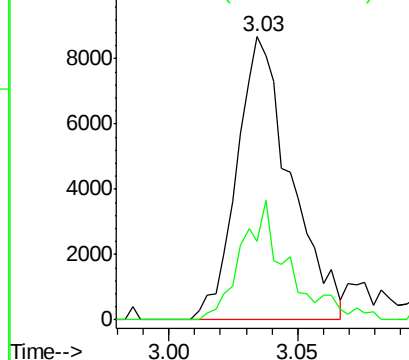
85 100

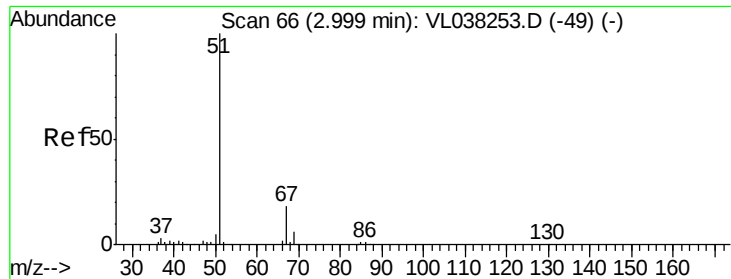
87 27.8 27.0 40.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

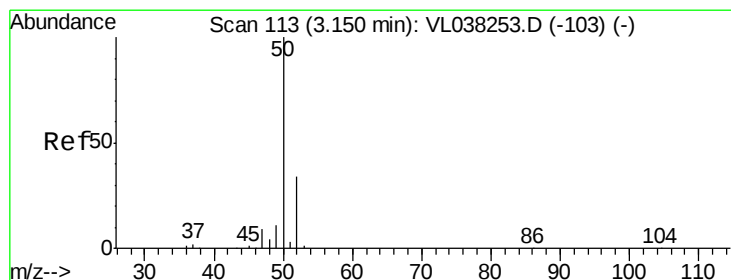
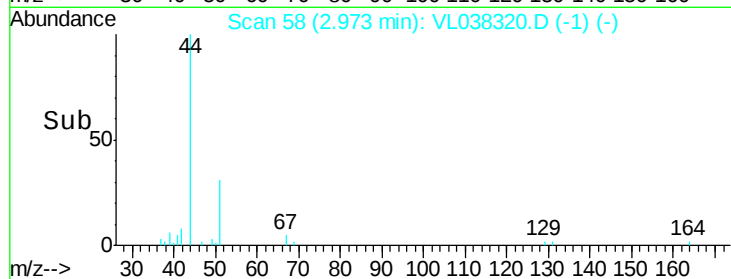
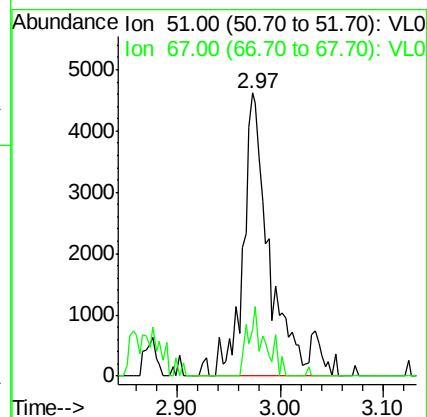
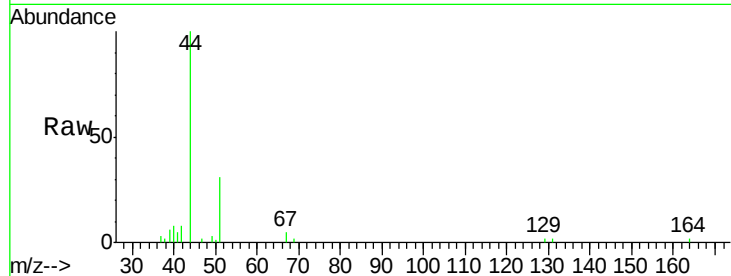
Ion 87.00 (86.70 to 87.70): VL0





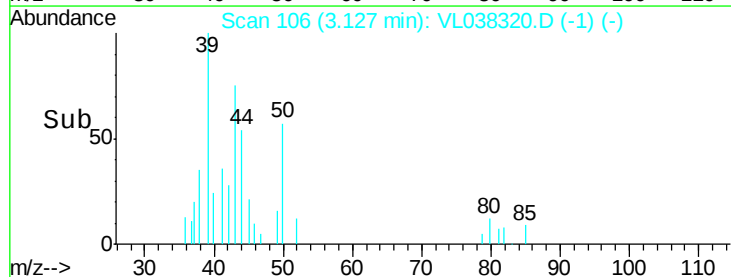
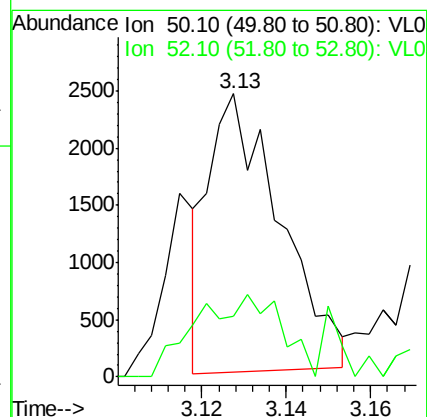
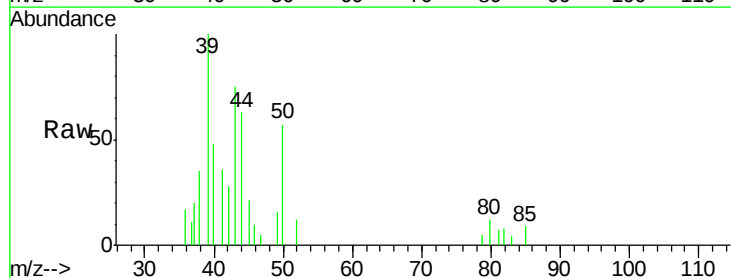
#3
 Chlorodifluoromethane
 Concen: 0.045 ppbv
 RT: 2.97
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-2DL
 Acq: 1 Feb 2022 13:44

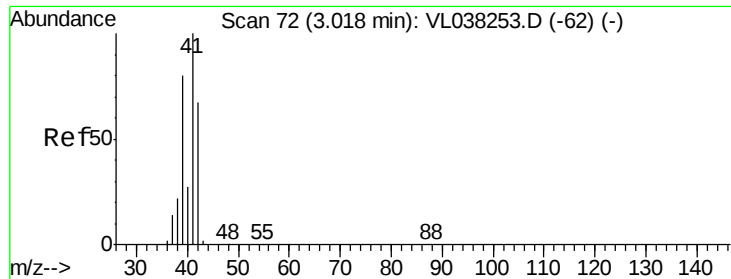
Tgt Ion: 51 Resp: 8505
 Ion Ratio Lower Upper
 51 100
 67 15.4 14.4 21.6



#4
 Chloromethane
 Concen: 0.044 ppbv
 RT: 3.13 min Scan# 106
 Delta R.T. -0.02 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

Tgt Ion: 50 Resp: 2844
 Ion Ratio Lower Upper
 50 100
 52 11.9 27.1 40.7#





#9

Propene

Concen: 3.273 ppbv

RT: 3.19 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

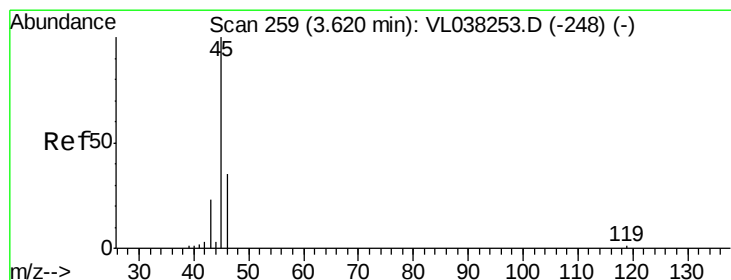
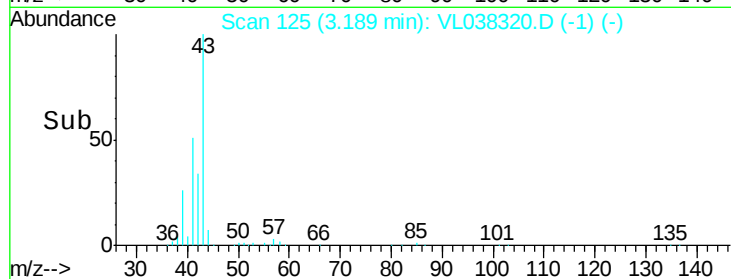
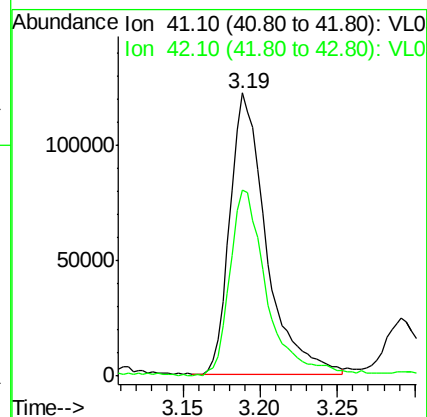
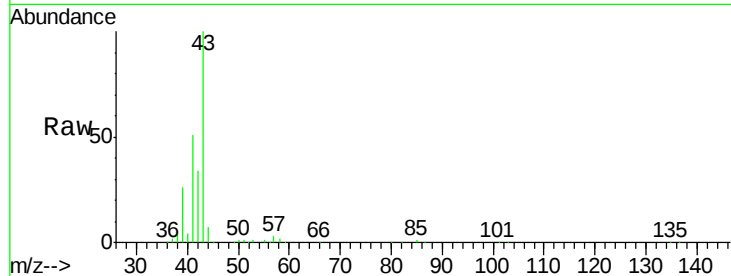
Acq: 1 Feb 2022 13:44 SVP-2DL

Tgt Ion: 41 Resp: 199800

Ion Ratio Lower Upper

41 100

42 66.3 54.9 82.3



#13

Ethanol

Concen: 1.189 ppbv

RT: 3.60 min Scan# 252

Delta R.T. -0.02 min

Lab File: VL038320.D

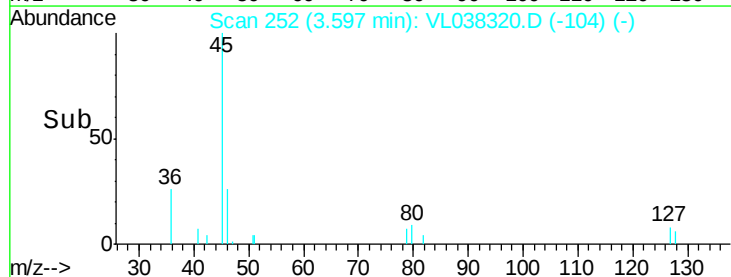
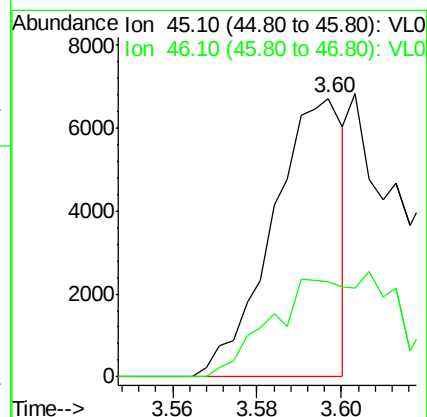
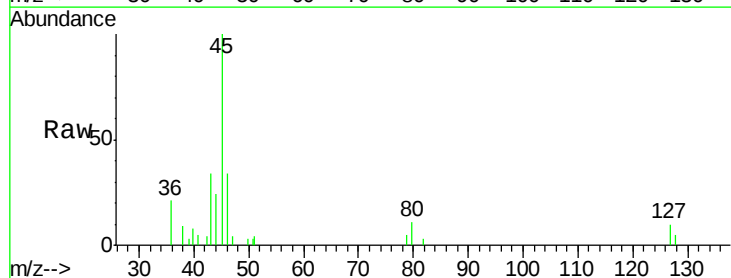
Acq: 1 Feb 2022 13:44

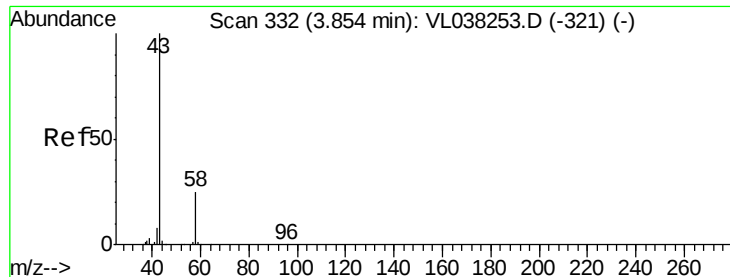
Tgt Ion: 45 Resp: 7790

Ion Ratio Lower Upper

45 100

46 0.0 15.4 61.6#





#15

Acetone

Concen: 1.998 ppbv

RT: 3.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

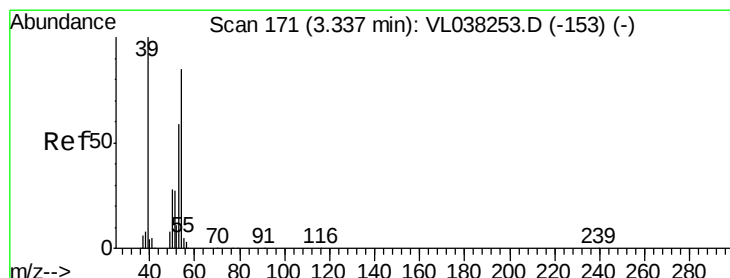
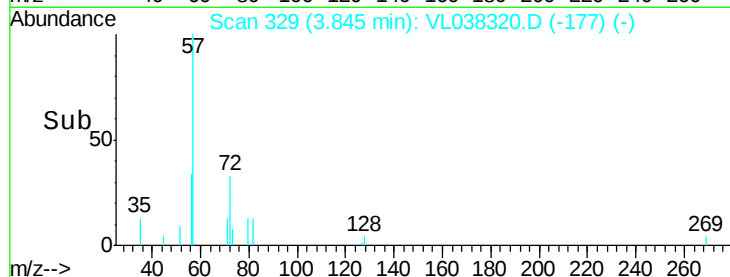
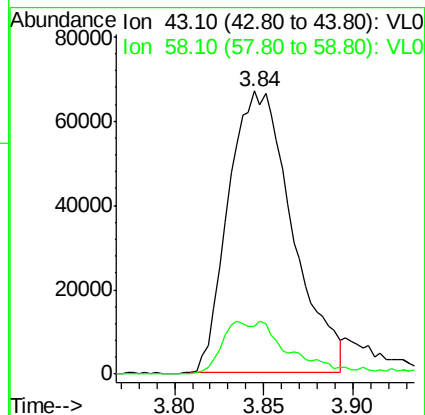
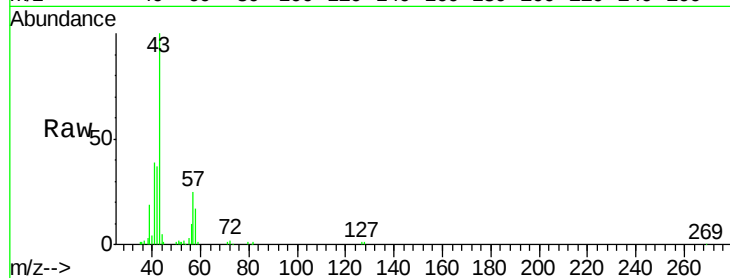
Acq: 1 Feb 2022 13:44 SVP-2DL

Tgt Ion: 43 Resp: 165861

Ion Ratio Lower Upper

43 100

58 20.9 21.5 32.3#



#16

1,3-Butadiene

Concen: 0.334 ppbv

RT: 3.29 min Scan# 156

Delta R.T. -0.05 min

Lab File: VL038320.D

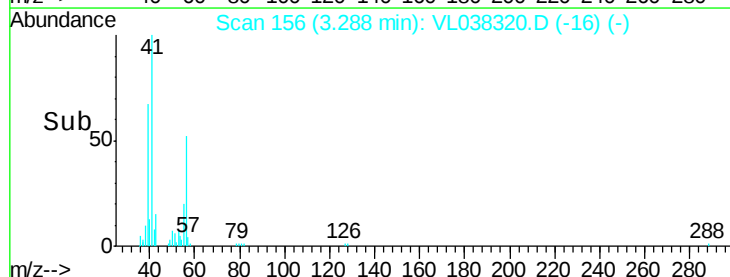
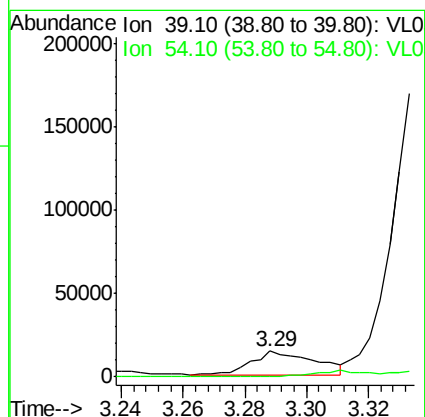
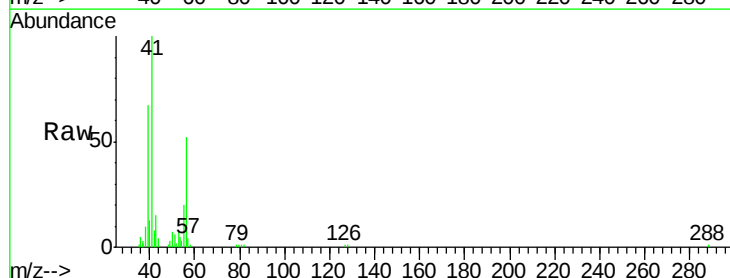
Acq: 1 Feb 2022 13:44

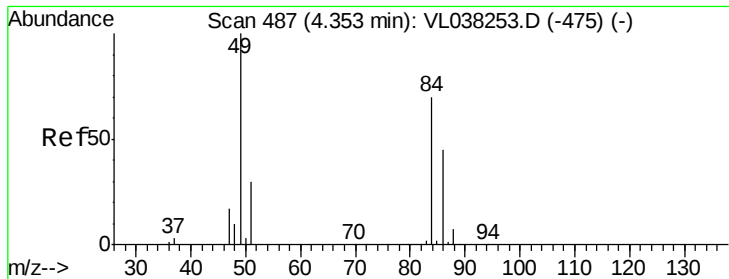
Tgt Ion: 39 Resp: 19929

Ion Ratio Lower Upper

39 100

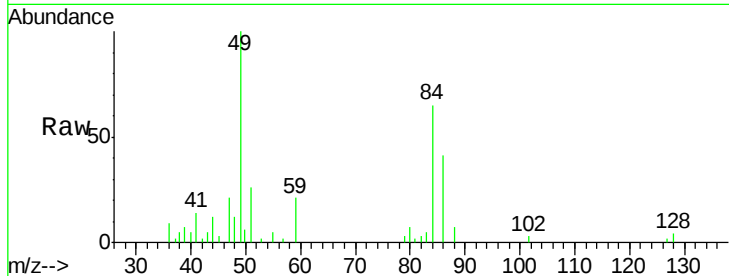
54 22.8 62.6 94.0#



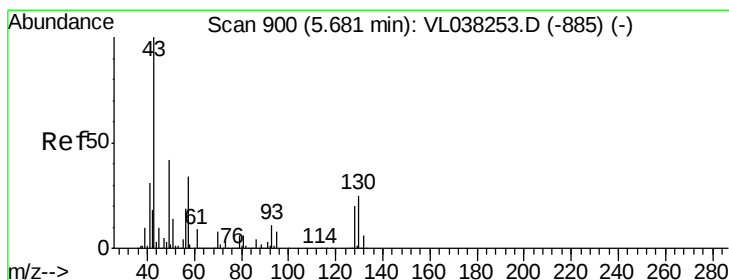
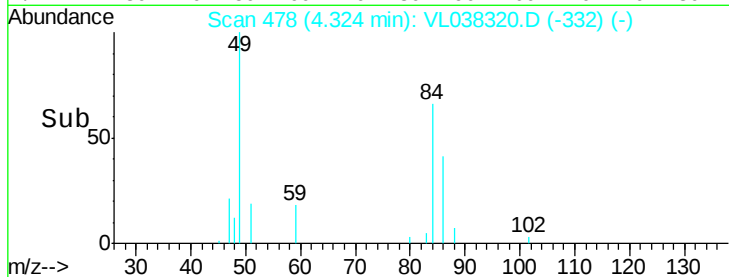
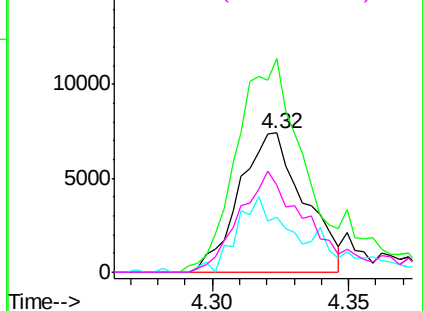


#20
Methylene Chloride
Concen: 0.253 ppbv
RT: 4.32
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 13:44

Tgt Ion:	84	Resp:	12241
Ion	Ratio	Lower	Upper
84	100		
49	145.7	115.0	172.6
51	39.6	35.0	52.6
86	62.4	51.4	77.0

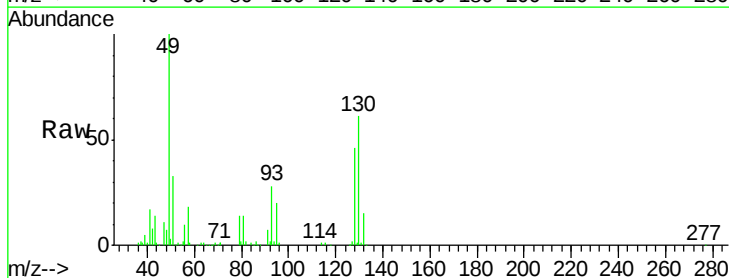


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

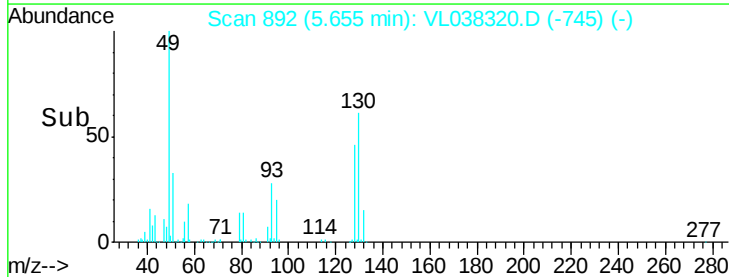
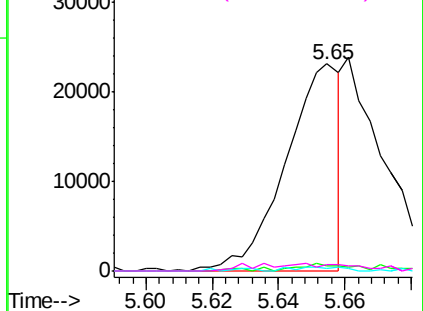


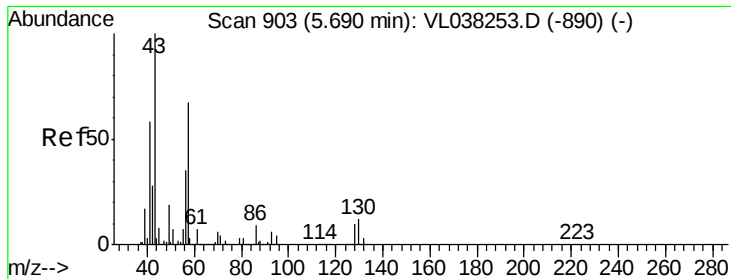
#25
Ethyl Acetate
Concen: 0.113 ppbv
RT: 5.65 min Scan# 892
Delta R.T. -0.03 min
Lab File: VL038320.D
Acq: 1 Feb 2022 13:44

Tgt Ion:	43	Resp:	26239
Ion	Ratio	Lower	Upper
43	100		
45	5.6	7.9	11.9#
61	3.4	7.8	11.8#
70	6.9	5.4	8.0



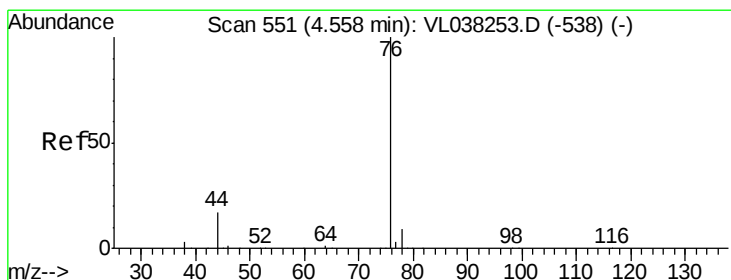
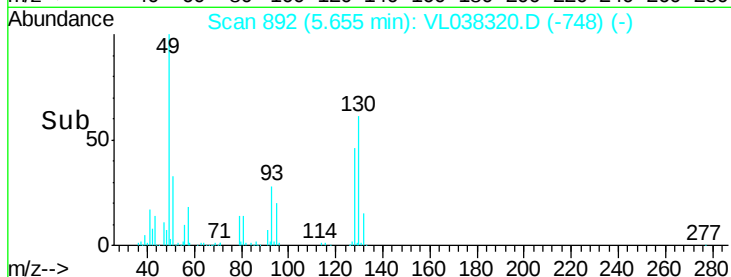
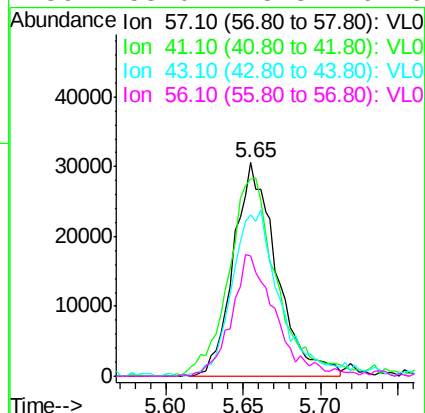
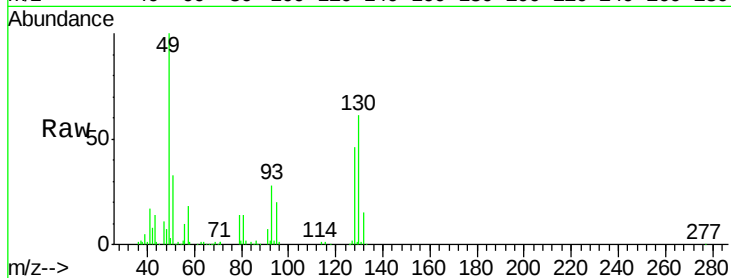
Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0





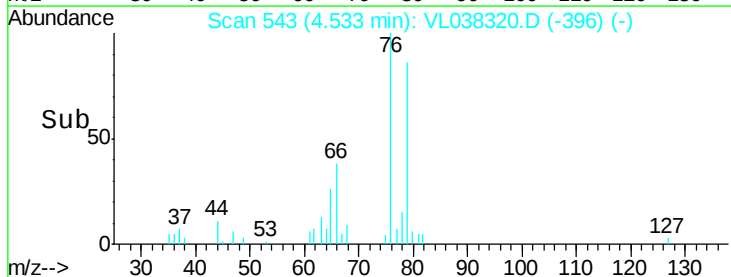
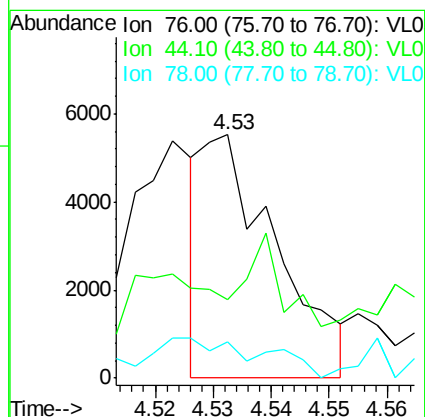
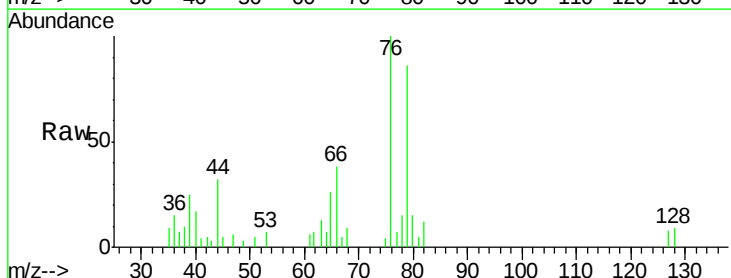
#26
Hexane
Concen: 0.548 ppbv
RT: 5.65
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Feb 2022 13:44

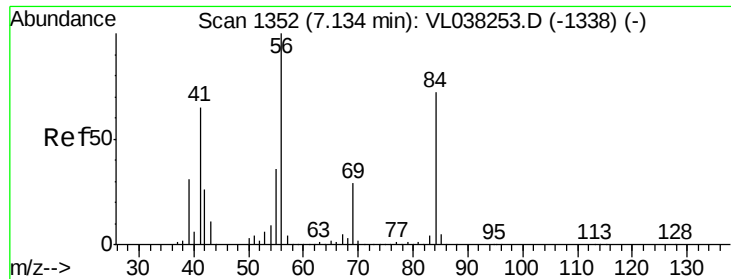
Tgt Ion:	57	Resp:	59307
Ion Ratio	Lower	Upper	
57	100		
41	109.4	72.8	109.2#
43	89.8	177.0	265.6#
56	58.0	43.3	64.9



#27
Carbon Disulfide
Concen: 0.038 ppbv
RT: 4.53 min Scan# 543
Delta R.T. -0.03 min
Lab File: VL038320.D
Acq: 1 Feb 2022 13:44

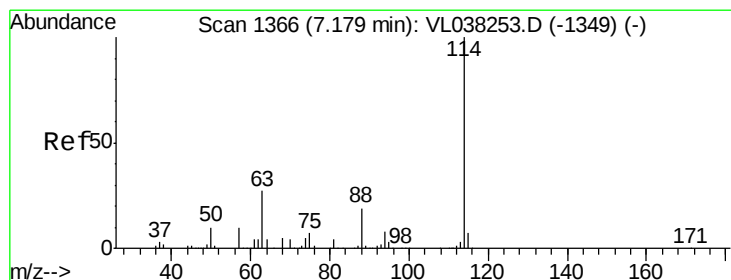
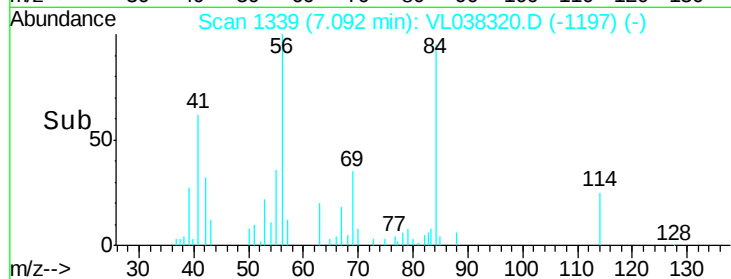
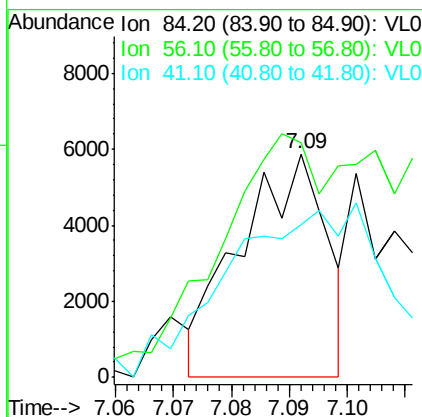
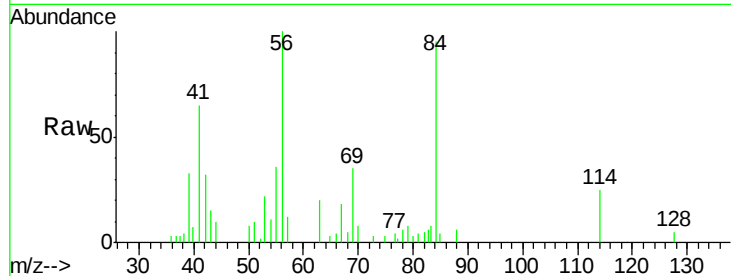
Tgt Ion:	76	Resp:	4862
Ion Ratio	Lower	Upper	
76	100		
44	49.8	14.8	22.2#
78	0.0	7.9	11.9#





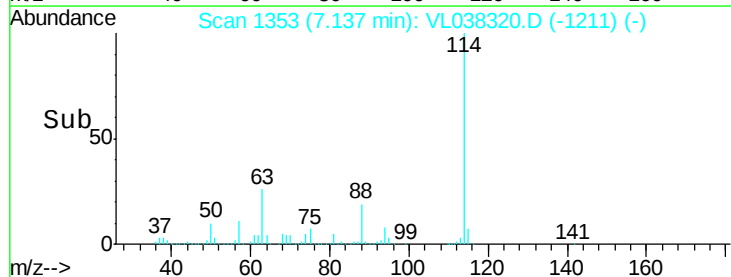
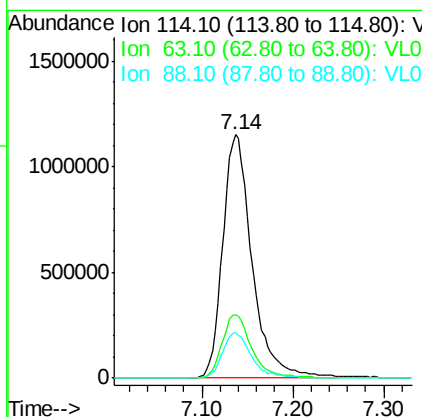
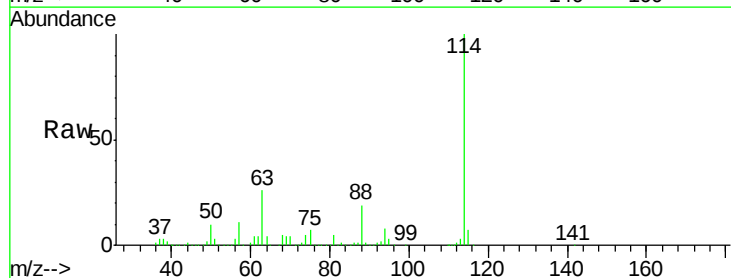
#30
Cyclohexane
Concen: 0.065 ppbv
RT: 7.09
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Feb 2022 13:44

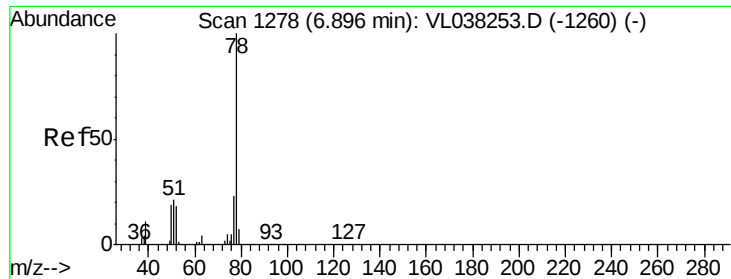
Tgt Ion: 84 Resp: 6095
Ion Ratio Lower Upper
84 100
56 0.0 112.7 169.1#
41 0.0 71.1 106.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. -0.04 min
Lab File: VL038320.D
Acq: 1 Feb 2022 13:44

Tgt Ion: 114 Resp: 2580170
Ion Ratio Lower Upper
114 100
63 26.5 22.0 33.0
88 18.8 15.0 22.6





#36

Benzene

Concen: 0.031 ppbv

RT: 6.86 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 13:44 SVP-2DL

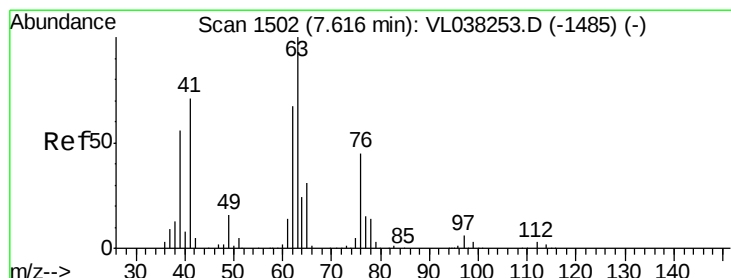
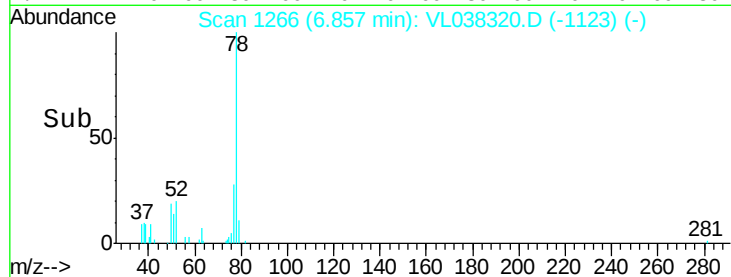
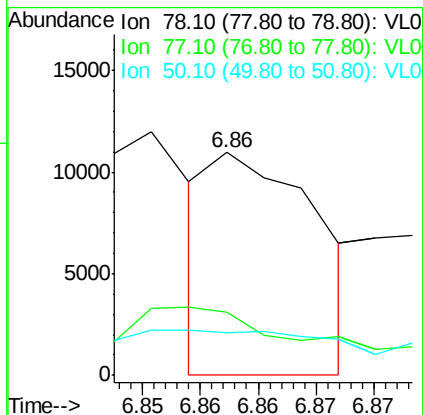
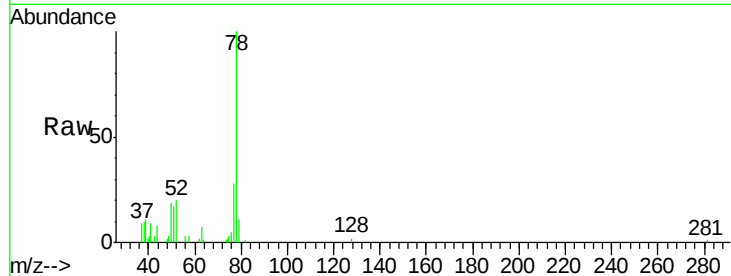
Tgt Ion: 78 Resp: 7025

Ion Ratio Lower Upper

78 100

77 26.9 18.2 27.2

50 8.2 15.1 22.7#



#39

1,2-Dichloropropane

Concen: 7.232 ppbv

RT: 7.14 min Scan# 1353

Delta R.T. -0.48 min

Lab File: VL038320.D

Acq: 1 Feb 2022 13:44

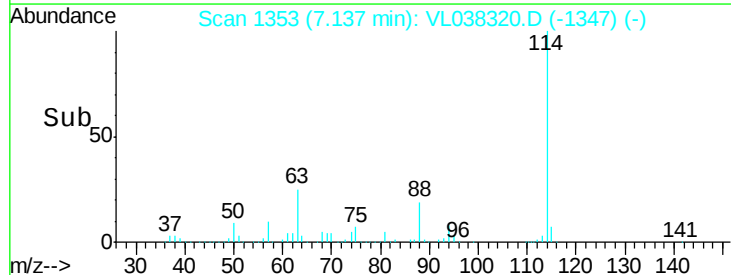
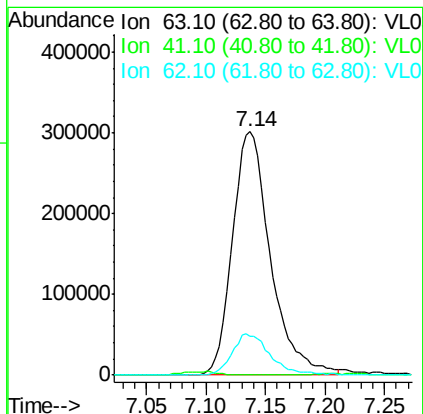
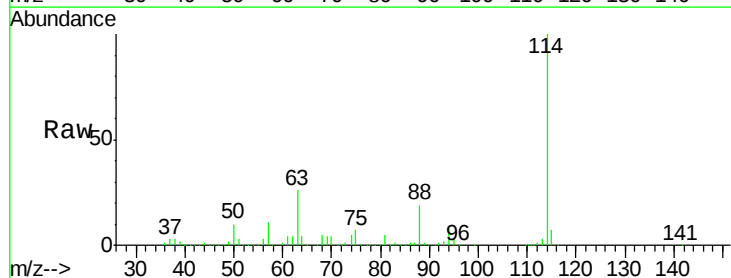
Tgt Ion: 63 Resp: 669201

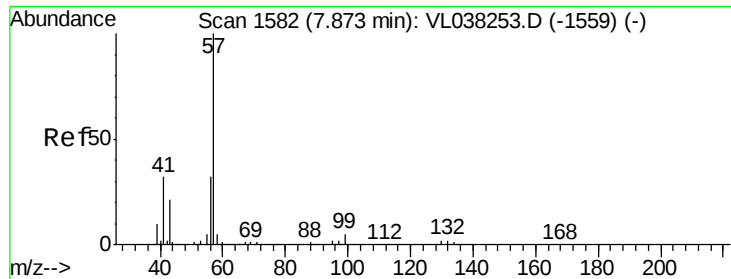
Ion Ratio Lower Upper

63 100

41 0.0 56.6 85.0#

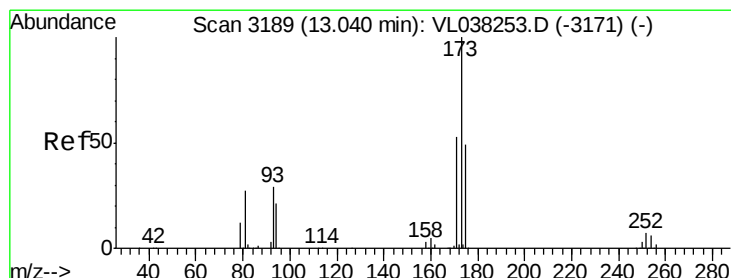
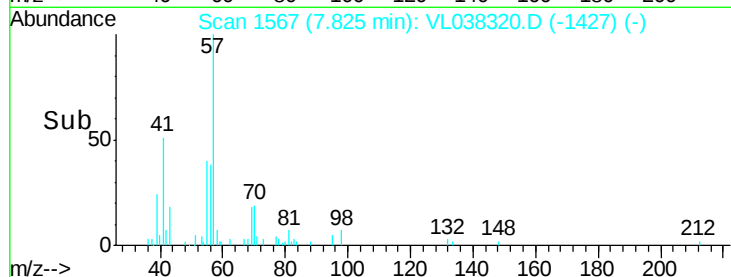
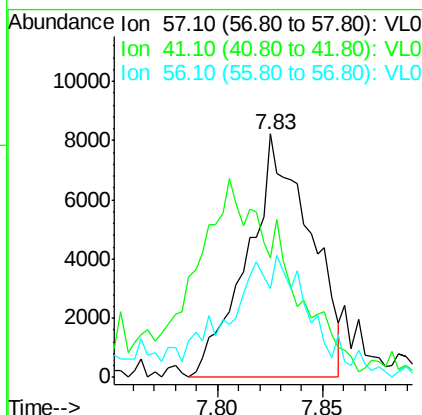
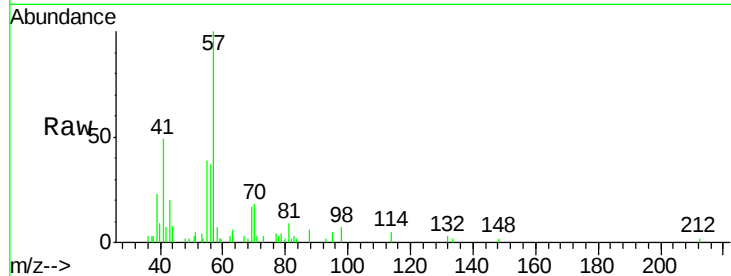
62 15.9 53.9 80.9#





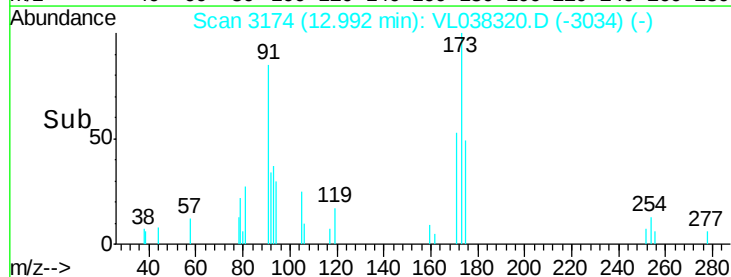
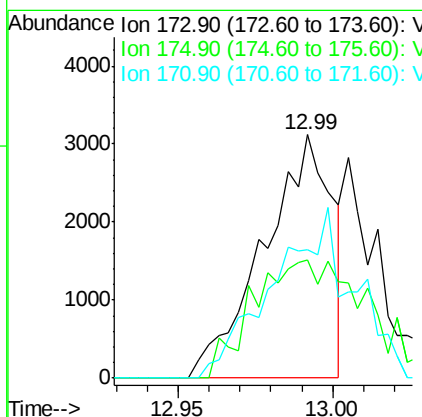
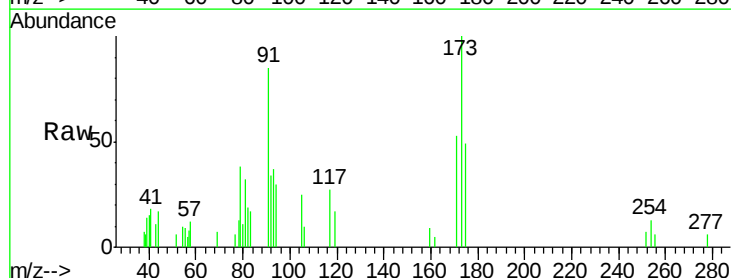
#44
 2,2,4-Trimethylpentane
 Concen: 0.042 ppbv
 RT: 7.83
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-2DL
 Acq: 1 Feb 2022 13:44

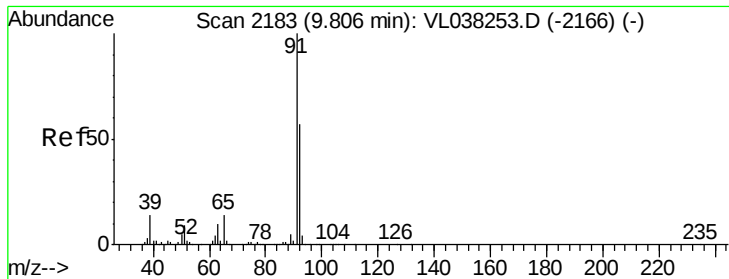
Tgt Ion: 57 Resp: 16891
 Ion Ratio Lower Upper
 57 100
 41 122.0 26.3 39.5#
 56 66.7 25.2 37.8#



#49
 Bromoform
 Concen: 0.043 ppbv
 RT: 12.99 min Scan# 3174
 Delta R.T. -0.05 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

Tgt Ion: 173 Resp: 4769
 Ion Ratio Lower Upper
 173 100
 175 84.5 39.7 59.5#
 171 0.0 42.1 63.1#





#53

Toluene

Concen: 0.169 ppbv

RT: 9.76 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

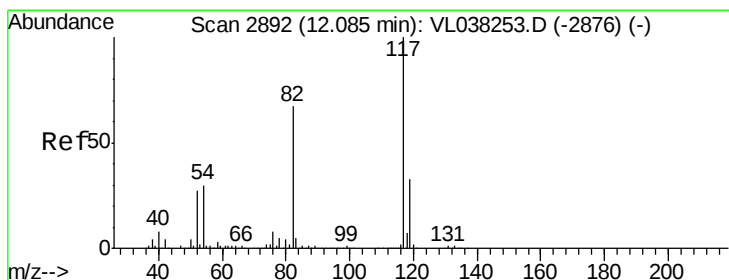
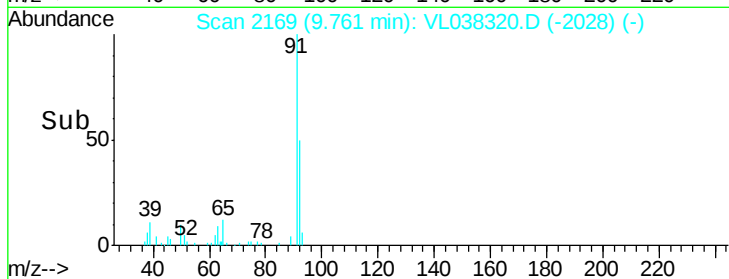
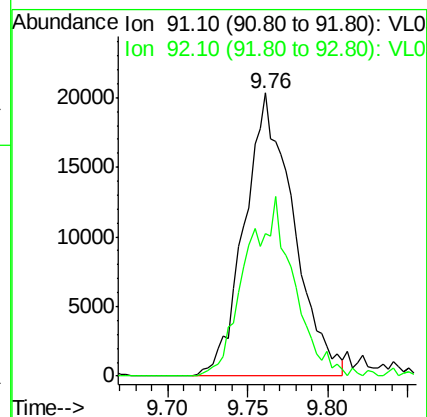
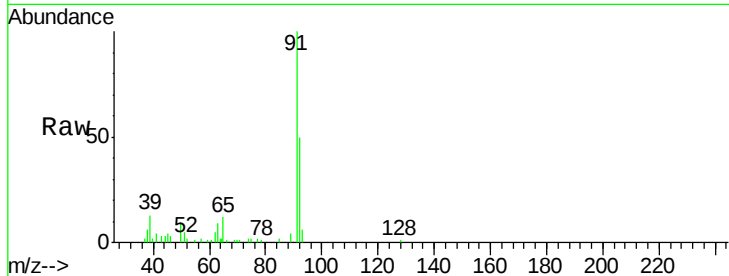
Acq: 1 Feb 2022 13:44 SVP-2DL

Tgt Ion: 91 Resp: 42709

Ion Ratio Lower Upper

91 100

92 62.1 47.4 71.0



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.04 min Scan# 2878

Delta R.T. -0.05 min

Lab File: VL038320.D

Acq: 1 Feb 2022 13:44

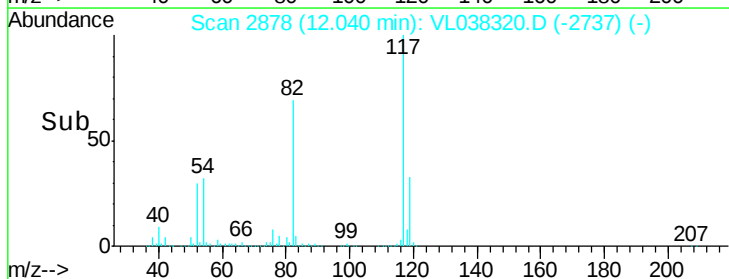
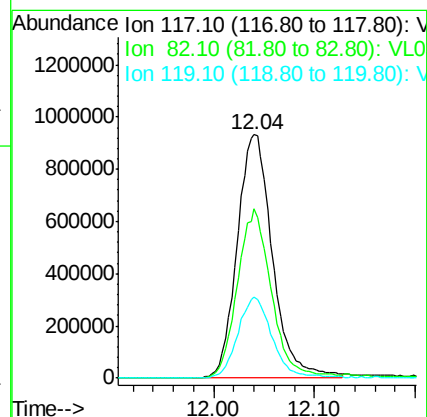
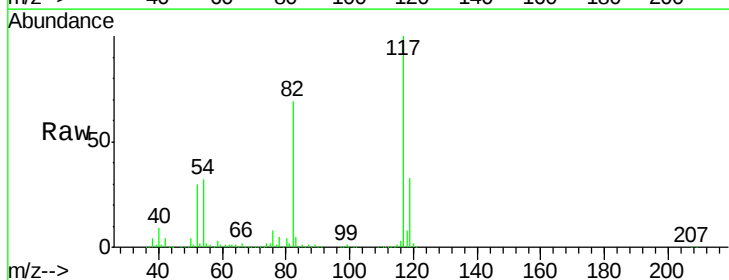
Tgt Ion: 117 Resp: 2267684

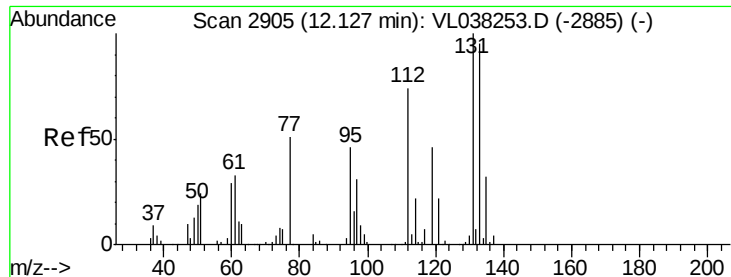
Ion Ratio Lower Upper

117 100

82 69.4 54.4 81.6

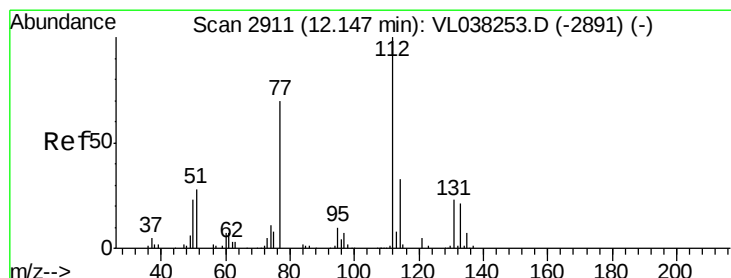
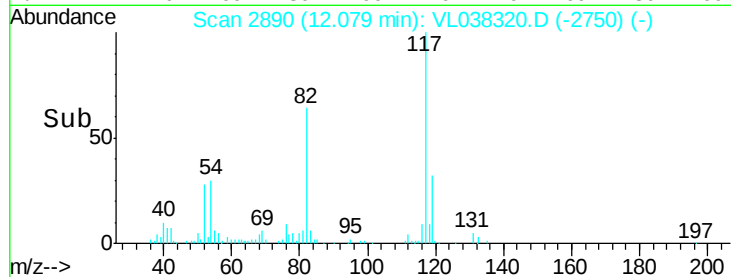
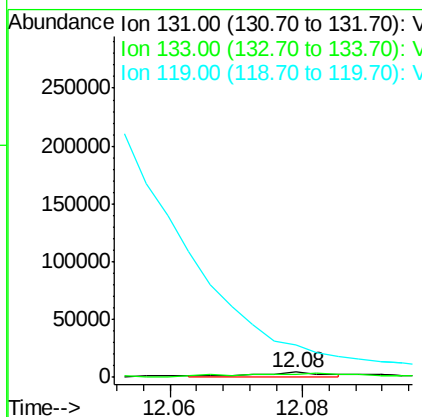
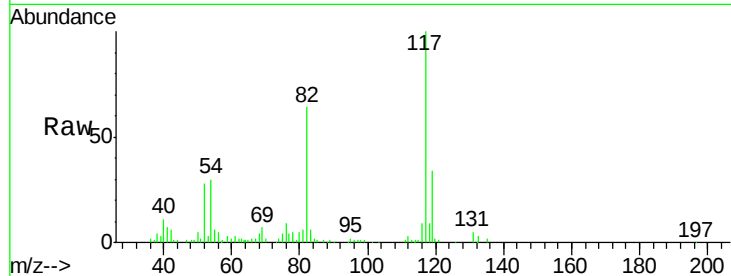
119 33.1 45.9 68.9#





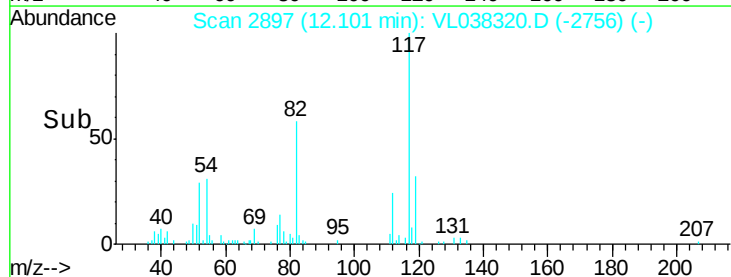
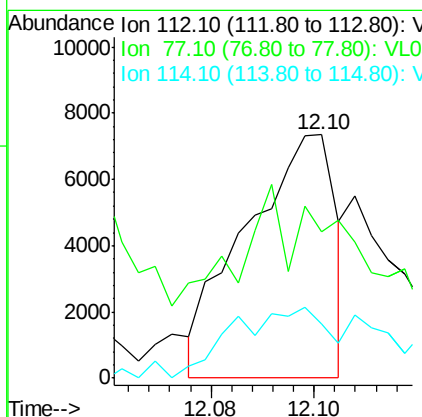
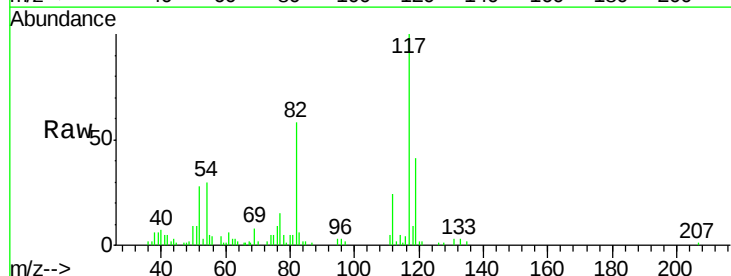
#56
 1,1,1,2-Tetrachloroethane
 Concen: 0.035 ppbv
 RT: 12.08 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-2DL
 Acq: 1 Feb 2022 13:44

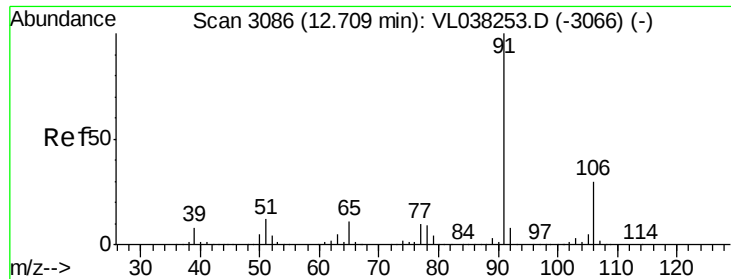
Tgt Ion:131 Resp: 3507
 Ion Ratio Lower Upper
 131 100
 133 179.7 76.0 114.0#
 119 0.0 53.0 79.4#



#57
 Chlorobenzene
 Concen: 0.049 ppbv
 RT: 12.10 min Scan# 2897
 Delta R.T. -0.05 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

Tgt Ion:112 Resp: 8932
 Ion Ratio Lower Upper
 112 100
 77 25.2 55.9 83.9#
 114 24.6 29.3 35.9#





#58

Ethyl Benzene

Concen: 0.101 ppbv

RT: 12.66

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

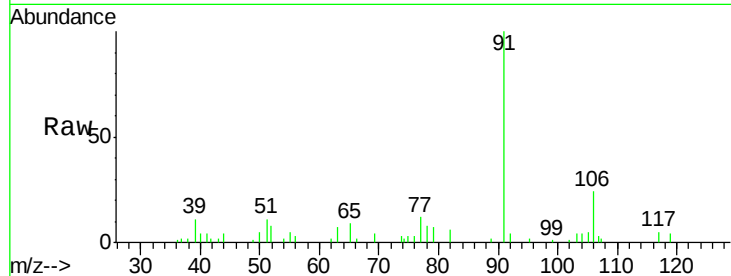
Acq: 1 Feb 2022 13:44

Tgt Ion: 91 Resp: 33749

Ion Ratio Lower Upper

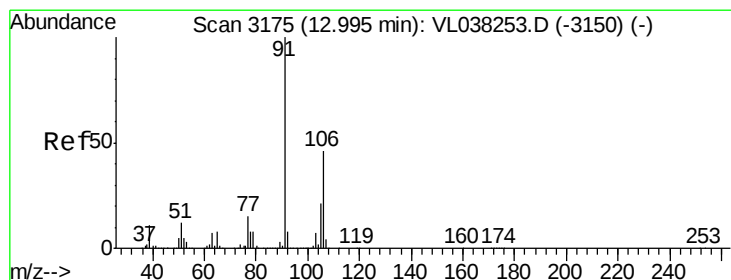
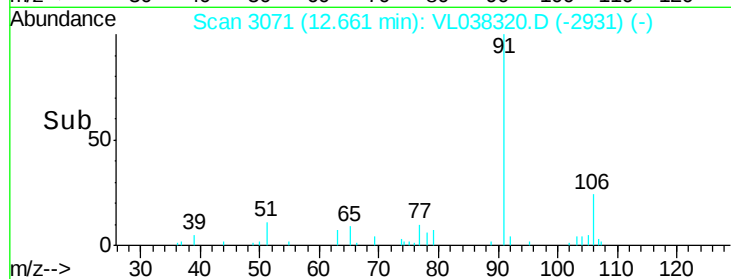
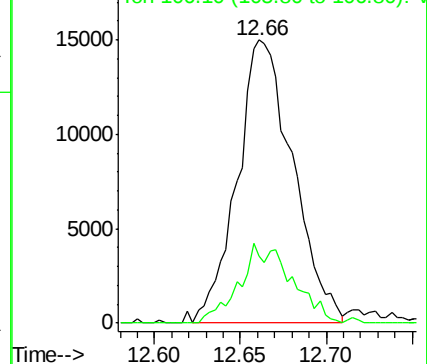
91 100

106 26.9 24.1 36.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.033 ppbv

RT: 12.94 min Scan# 3159

Delta R.T. -0.05 min

Lab File: VL038320.D

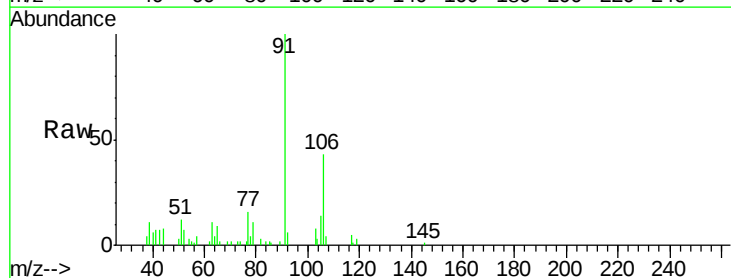
Acq: 1 Feb 2022 13:44

Tgt Ion: 91 Resp: 9269

Ion Ratio Lower Upper

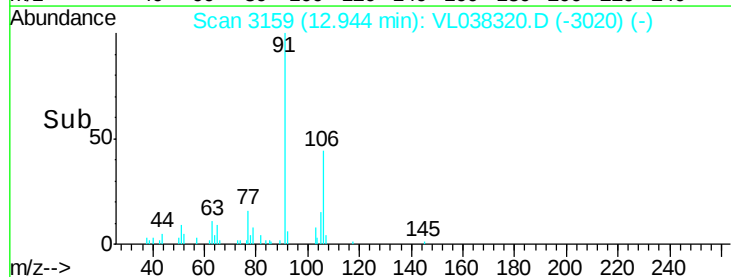
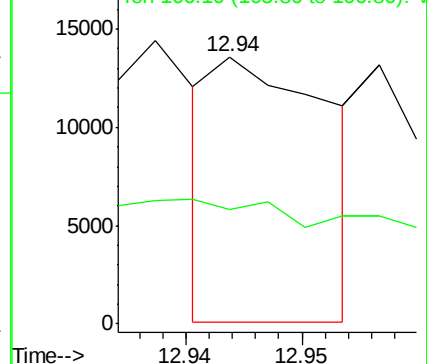
91 100

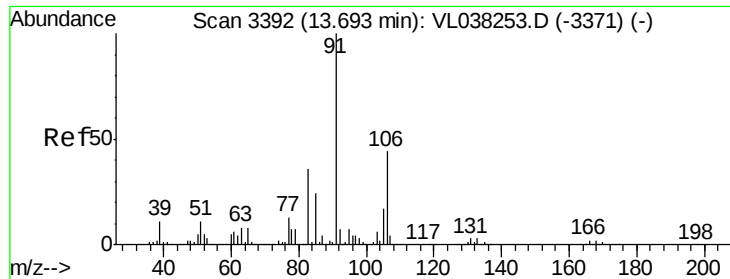
106 0.0 34.8 52.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

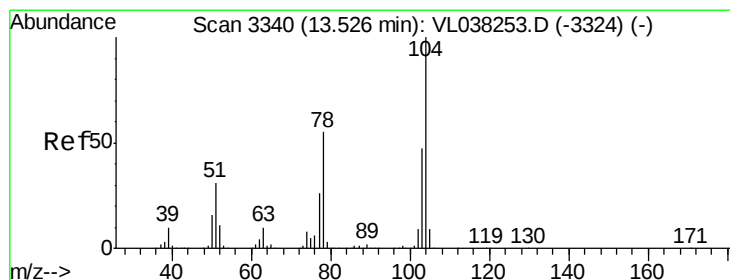
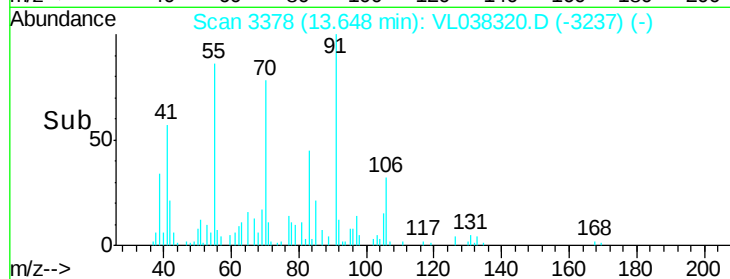
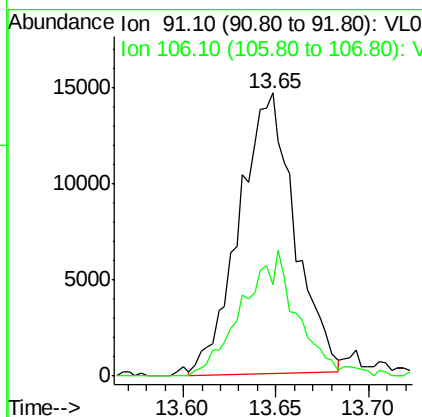
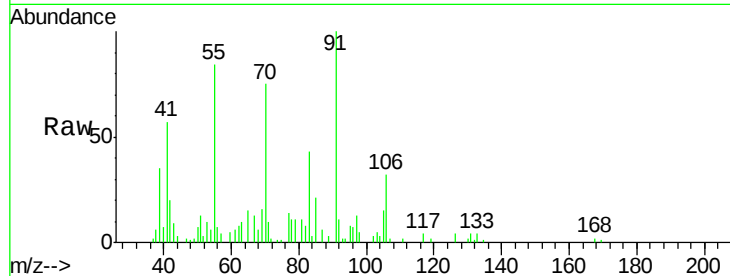
Ion 106.10 (105.80 to 106.80): V





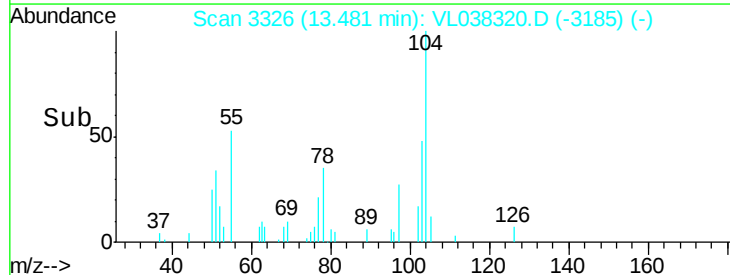
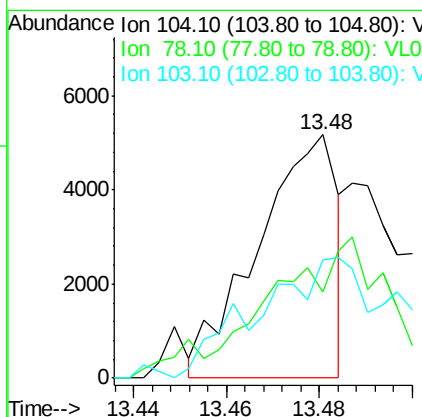
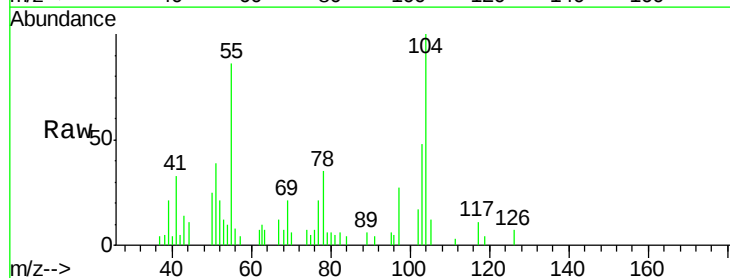
#60
o-Xylene
Concen: 0.116 ppbv
RT: 13.65
Delta R.T. MSVOA_L
Lab File: ClientSampleId:
Acq: 1 Feb 2022 13.44

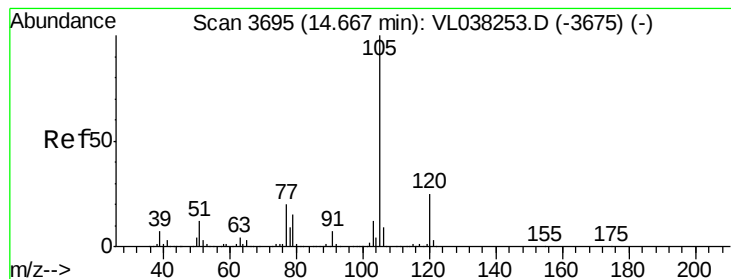
Tgt Ion: 91 Resp: 30651
Ion Ratio Lower Upper
91 100
106 44.5 22.2 66.6



#61
Styrene
Concen: 0.050 ppbv
RT: 13.48 min Scan# 3326
Delta R.T. -0.05 min
Lab File: VL038320.D
Acq: 1 Feb 2022 13:44

Tgt Ion: 104 Resp: 6141
Ion Ratio Lower Upper
104 100
78 0.0 44.2 66.4#
103 0.0 38.2 57.4#





#62

Isopropylbenzene

Concen: 0.094 ppbv

RT: 14.62

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

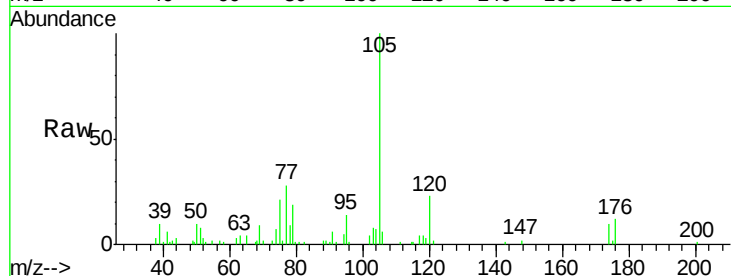
Acq: 1 Feb 2022 13:44

Tgt Ion: 105 Resp: 33207

Ion Ratio Lower Upper

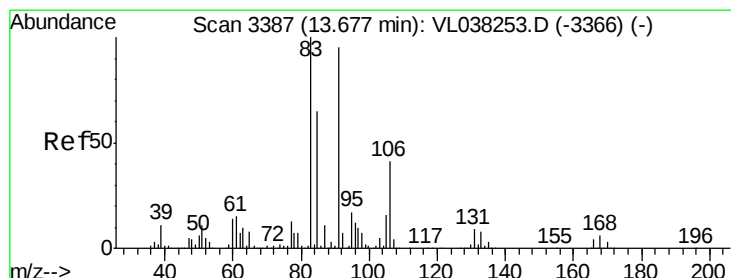
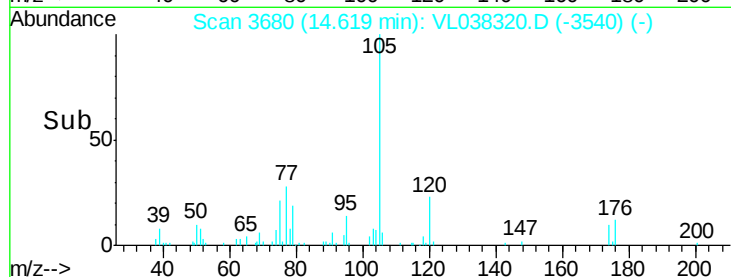
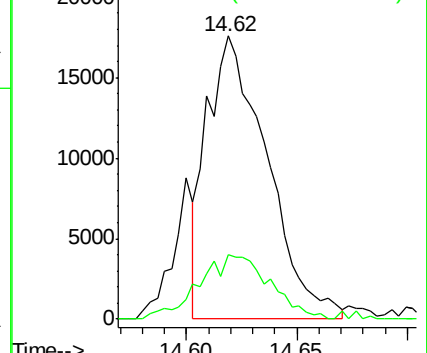
105 100

120 27.2 20.5 30.7



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.065 ppbv

RT: 13.63 min Scan# 3372

Delta R.T. -0.05 min

Lab File: VL038320.D

Acq: 1 Feb 2022 13:44

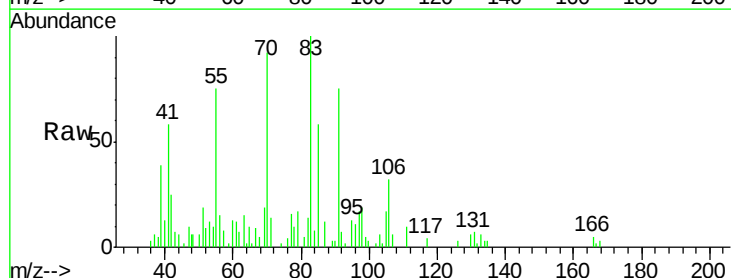
Tgt Ion: 83 Resp: 12663

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

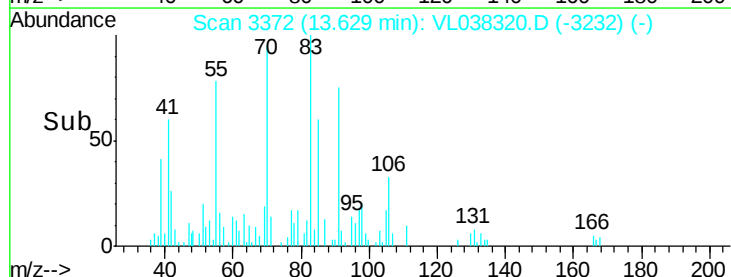
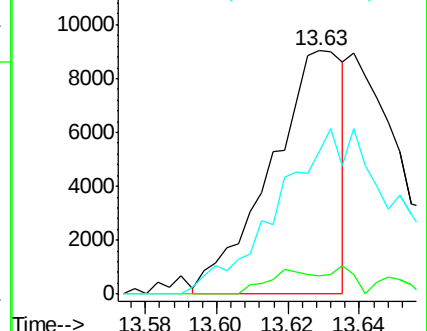
85 0.0 32.8 98.4#

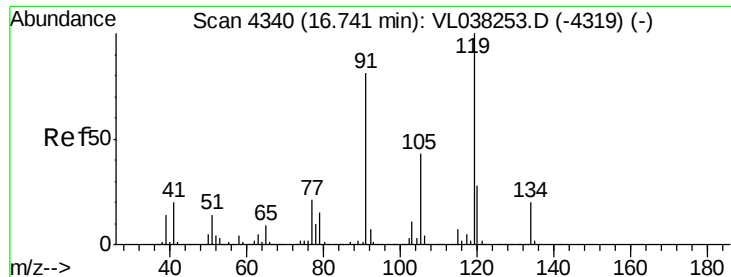


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

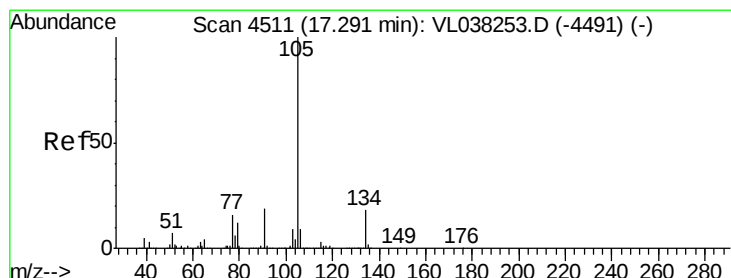
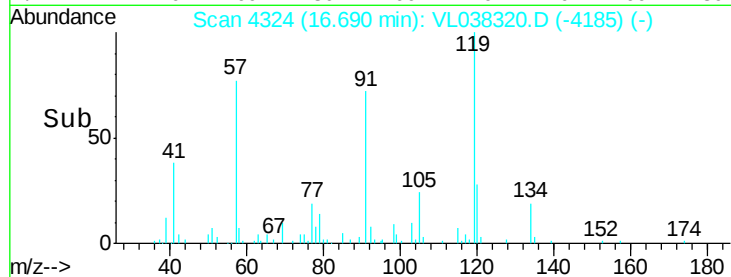
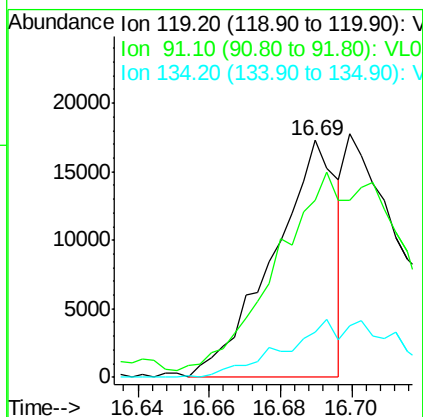
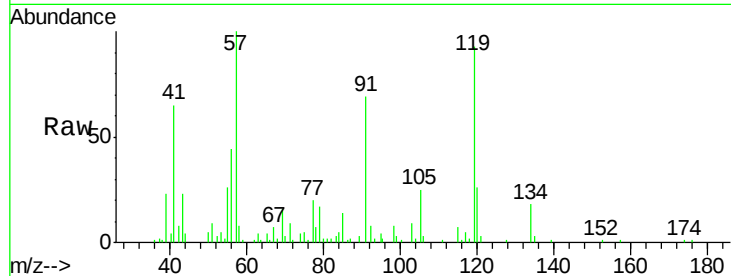
Ion 85.00 (84.70 to 85.70): VL0





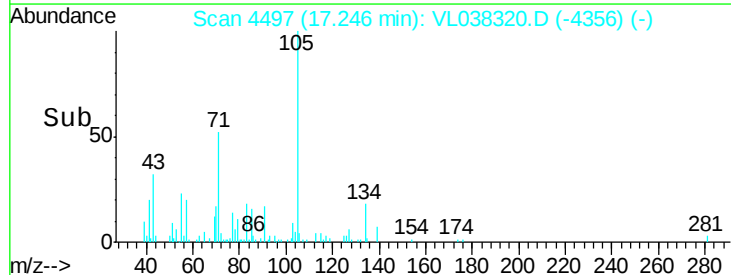
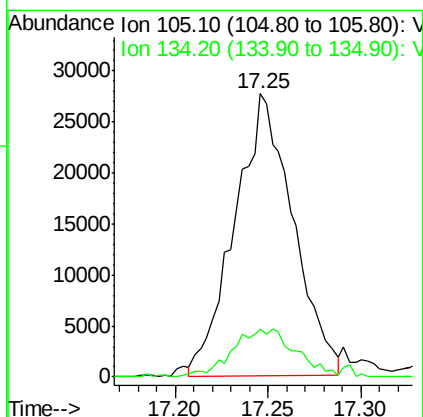
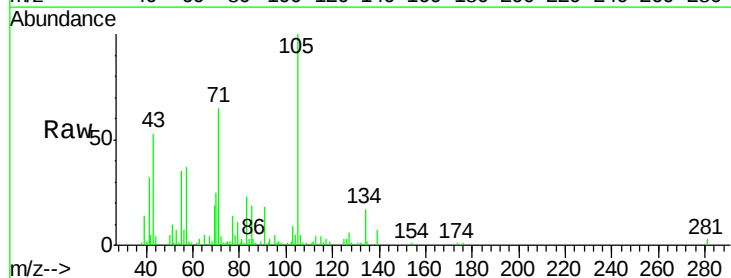
#65
 tert-Butylbenzene
 Concen: 0.074 ppbv
 RT: 16.69
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 SVP-2DL
 Acq: 1 Feb 2022 13:44

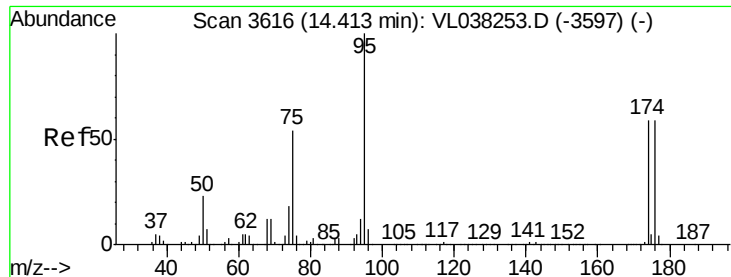
Tgt Ion:119 Resp: 21457
 Ion Ratio Lower Upper
 119 100
 91 190.1 66.6 100.0#
 134 42.4 15.8 23.6#



#67
 sec-Butylbenzene
 Concen: 0.150 ppbv
 RT: 17.25 min Scan# 4497
 Delta R.T. -0.05 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

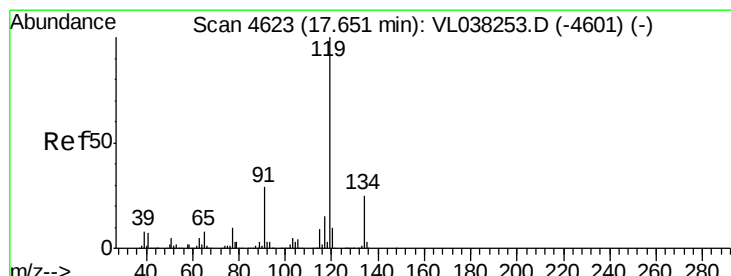
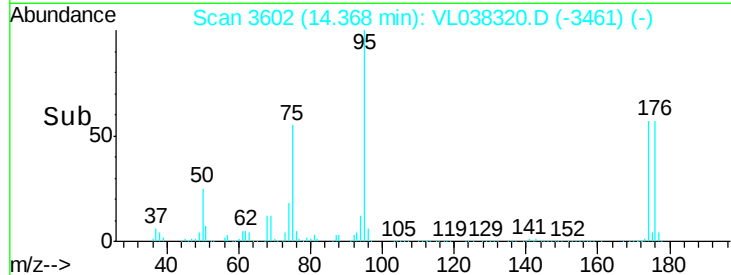
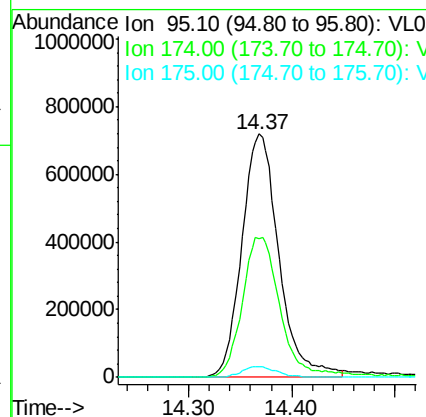
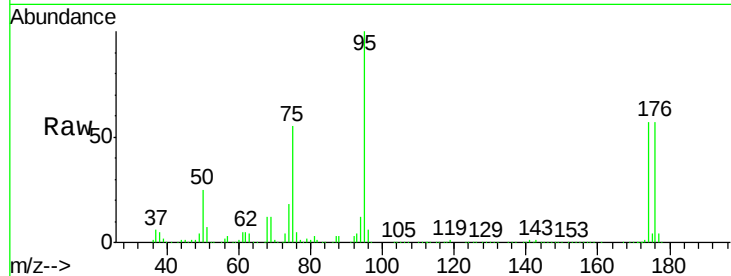
Tgt Ion:105 Resp: 60532
 Ion Ratio Lower Upper
 105 100
 134 19.4 14.3 21.5





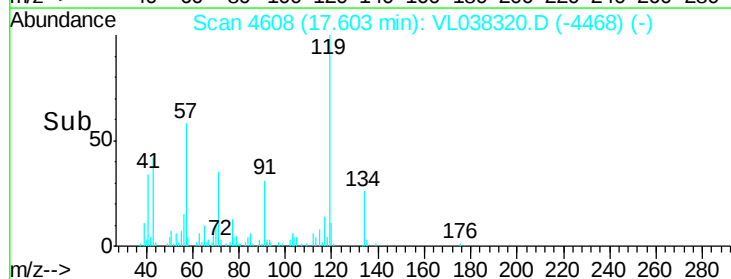
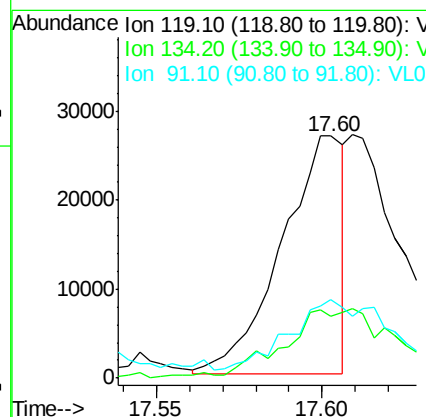
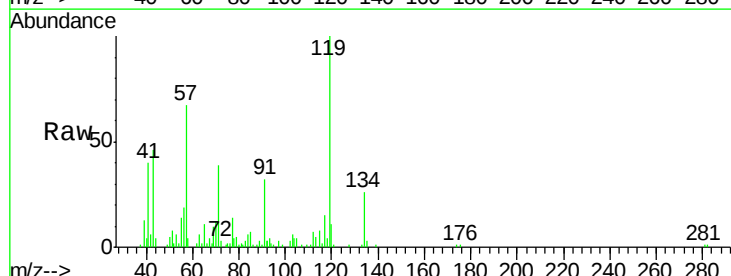
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.429 ppbv
 RT: 14.37
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Feb 2022 13:44

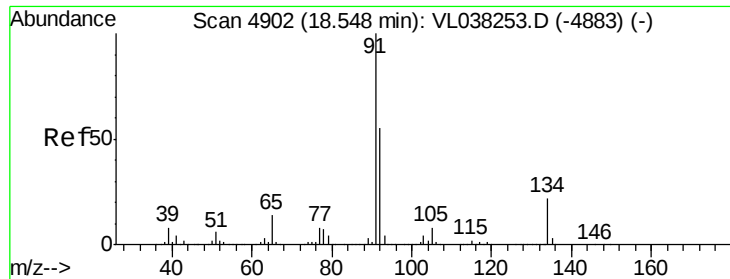
Tgt Ion: 95 Resp: 1795067
 Ion Ratio Lower Upper
 95 100
 174 60.6 48.3 72.5
 175 4.2 3.5 5.3



#69
 p-Isopropyltoluene
 Concen: 0.112 ppbv
 RT: 17.60 min Scan# 4608
 Delta R.T. -0.05 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

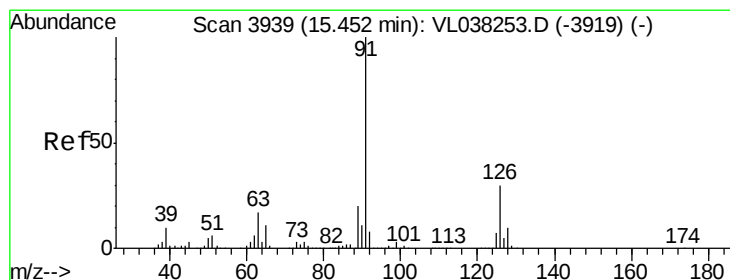
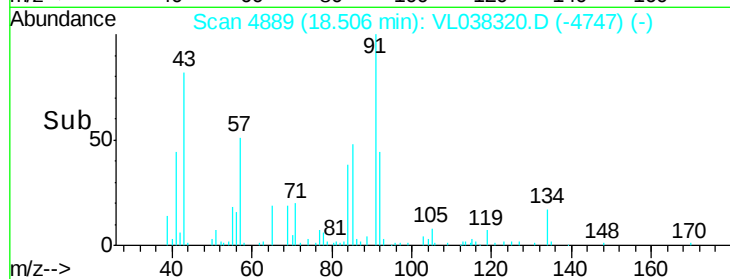
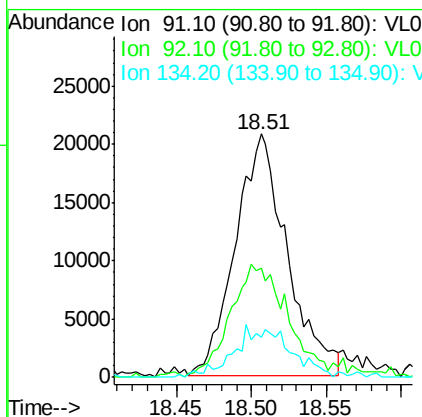
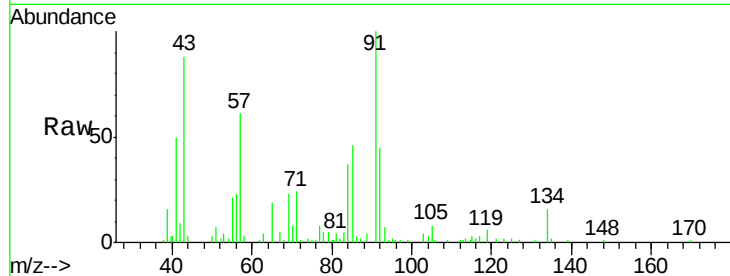
Tgt Ion: 119 Resp: 34767
 Ion Ratio Lower Upper
 119 100
 134 0.0 20.2 30.2#
 91 61.4 23.2 34.8#





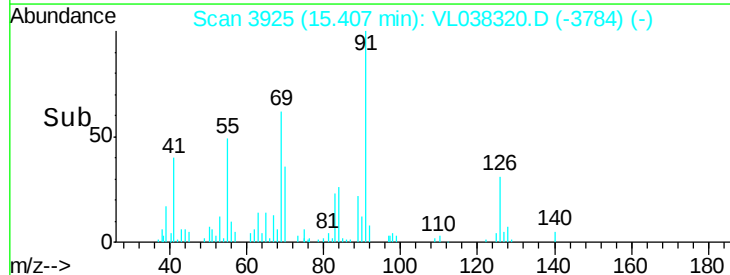
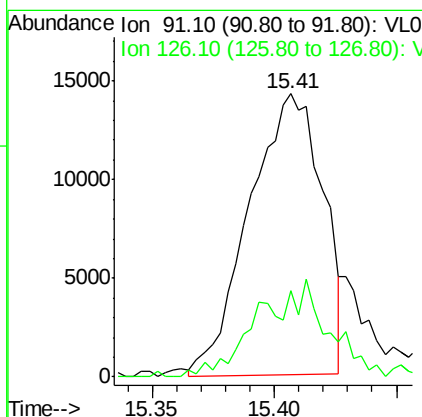
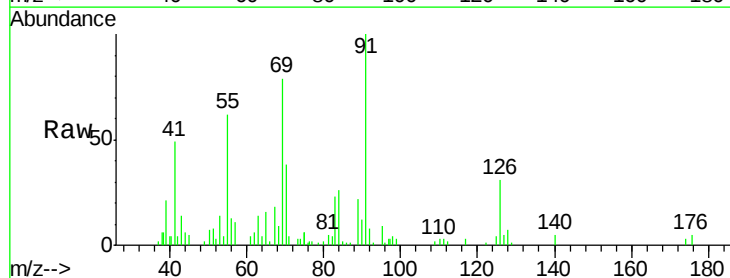
#70
n-Butylbenzene
Concen: 0.165 ppbv
RT: 18.51 min
Delta R.T. MSVOA_L
Lab File: ClientSampled :
Acq: 1 Feb 2022 13:44

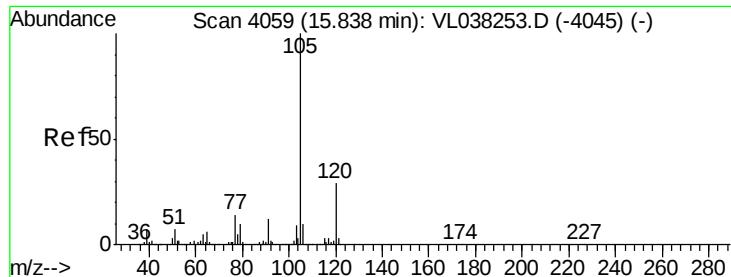
Tgt Ion: 91 Resp: 49950
Ion Ratio Lower Upper
91 100
92 55.6 43.4 65.0
134 23.6 17.3 25.9



#71
2-Chlorotoluene
Concen: 0.114 ppbv
RT: 15.41 min Scan# 3925
Delta R.T. -0.05 min
Lab File: VL038320.D
Acq: 1 Feb 2022 13:44

Tgt Ion: 91 Resp: 29737
Ion Ratio Lower Upper
91 100
126 33.8 12.1 48.5





#72

4-Ethyltoluene

Concen: 0.086 ppbv

RT: 15.79

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Feb 2022 13:44

Tgt Ion:105 Resp: 23671

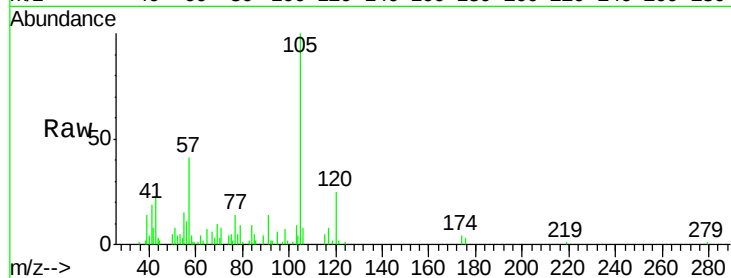
Ion Ratio Lower Upper

105 100

120 47.3 23.8 35.8#

91 21.7 10.2 15.4#

77 26.2 11.7 17.5#

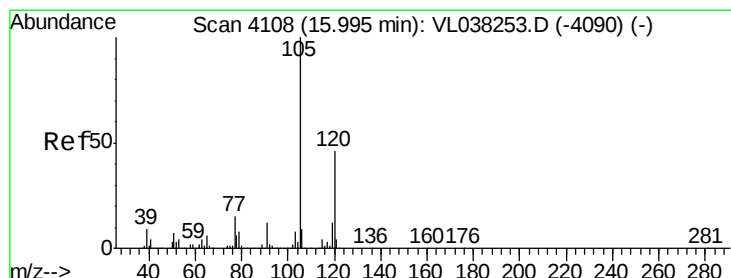
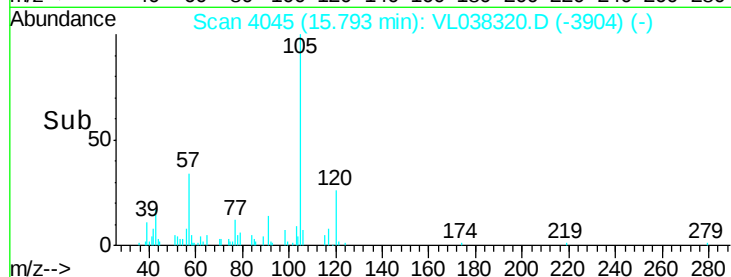
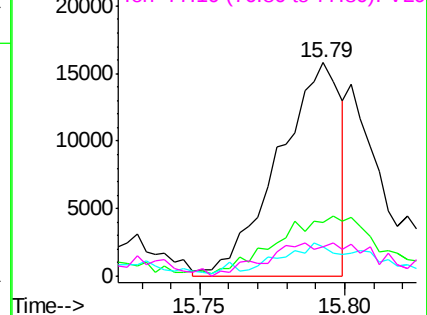


Abundance Ion 105.10 (104.80 to 105.80): V

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: 0.087 ppbv

RT: 15.95 min Scan# 4093

Delta R.T. -0.05 min

Lab File: VL038320.D

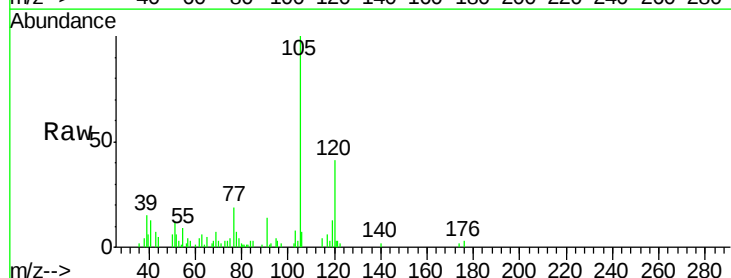
Acq: 1 Feb 2022 13:44

Tgt Ion:105 Resp: 21636

Ion Ratio Lower Upper

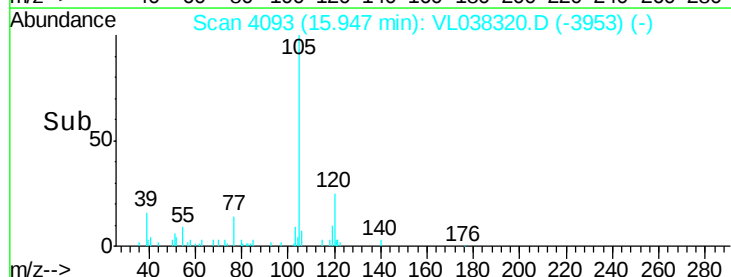
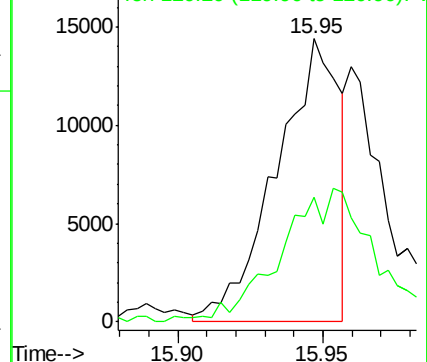
105 100

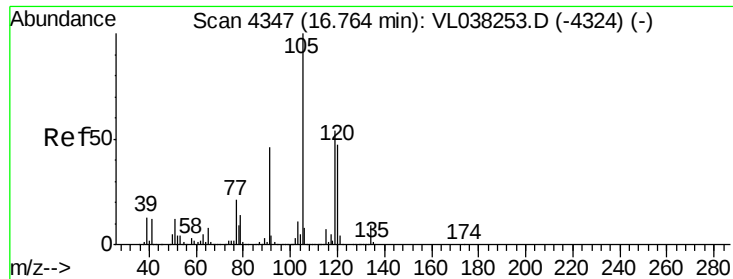
120 43.4 36.6 55.0



Abundance Ion 105.10 (104.80 to 105.80): V

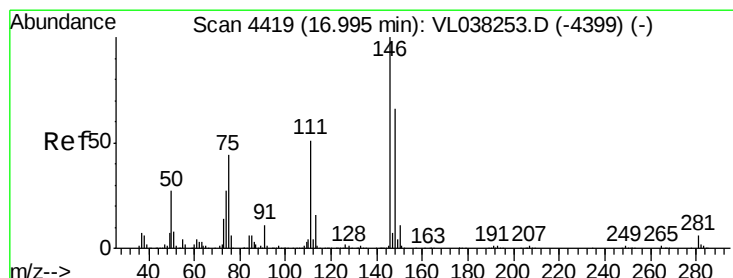
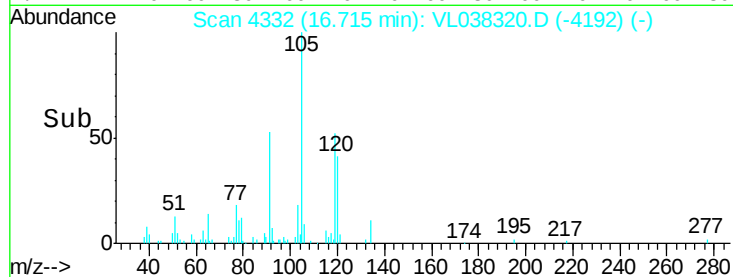
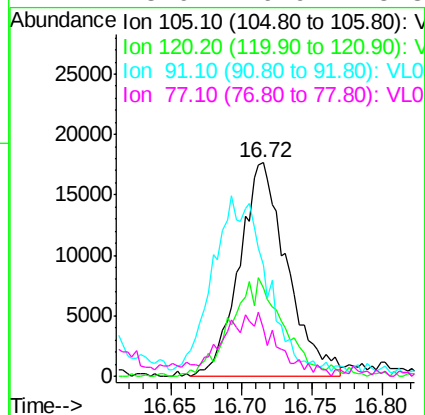
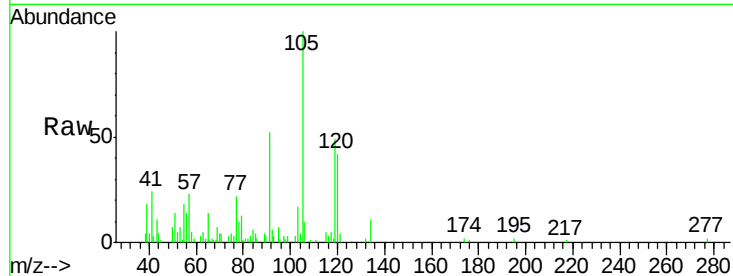
Ion 120.20 (119.90 to 120.90): V





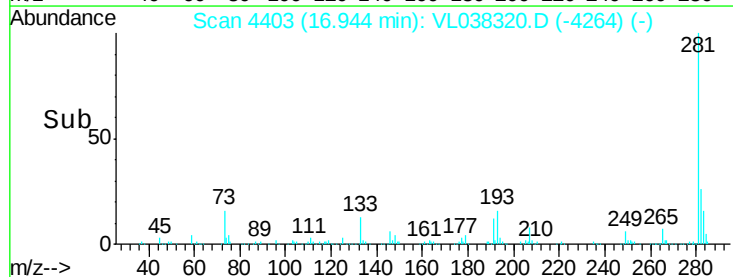
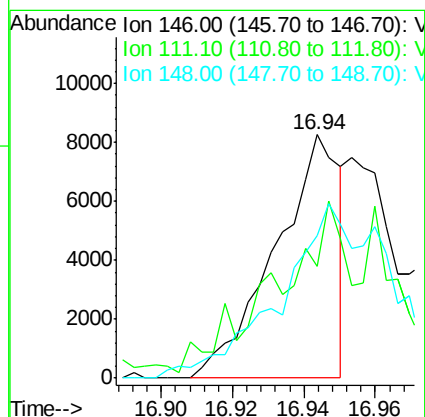
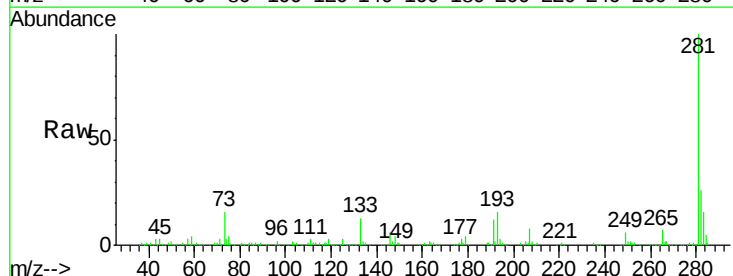
#74
 1,2,4-Trimethylbenzene
 Concen: 0.160 ppbv
 RT: 16.72 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 SVP-2DL
 Acq: 1 Feb 2022 13:44

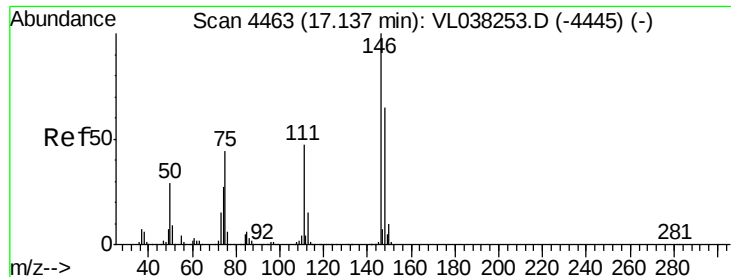
Tgt Ion:	105	Resp:	42035
Ion	Ratio	Lower	Upper
105	100		
120	43.6	37.2	55.8
91	47.6	36.6	55.0
77	18.9	16.9	25.3



#75
 1,3-Dichlorobenzene
 Concen: 0.074 ppbv
 RT: 16.94 min Scan# 4403
 Delta R.T. -0.05 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

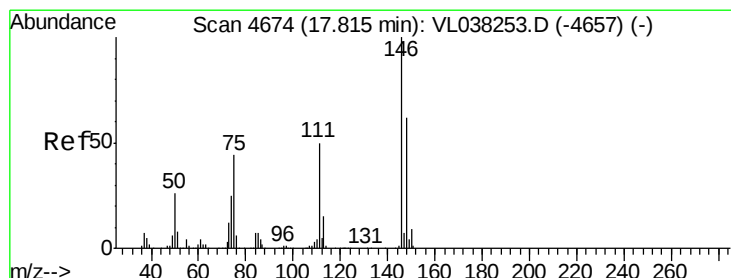
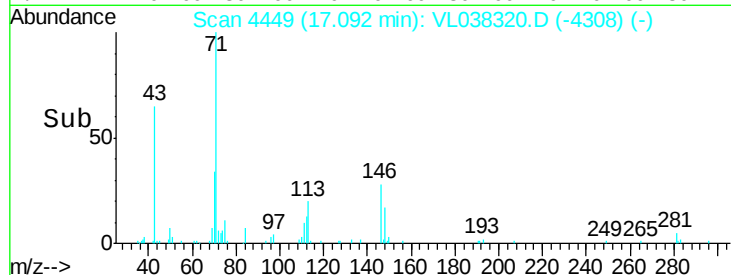
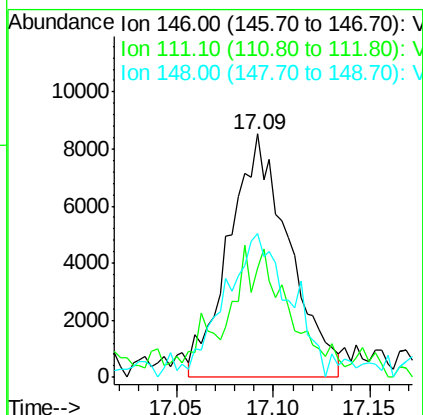
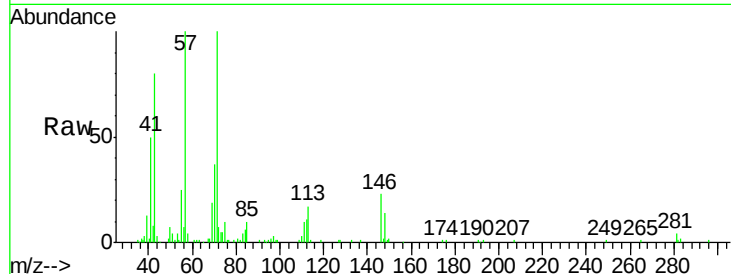
Tgt Ion:	146	Resp:	10353
Ion	Ratio	Lower	Upper
146	100		
111	134.8	24.1	72.4#
148	140.1	32.1	96.5#





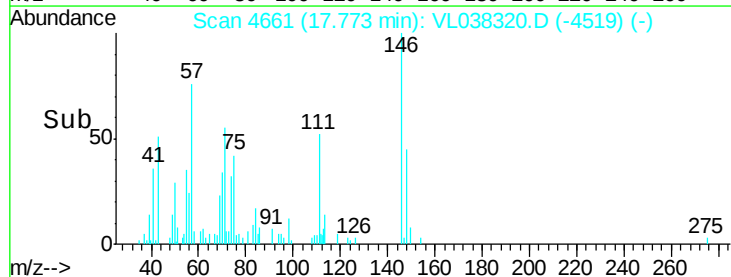
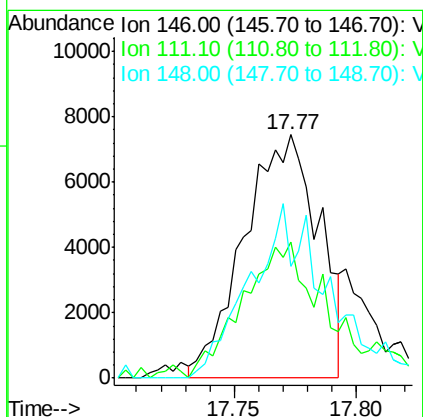
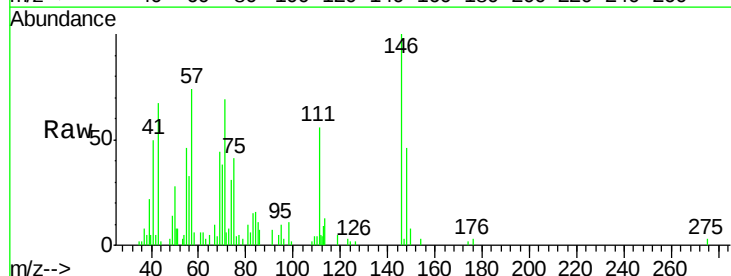
#76
 1,4-Dichlorobenzene
 Concen: 0.135 ppbv
 RT: 17.09 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampled :
 SVP-2DL
 Acq: 1 Feb 2022 13:44

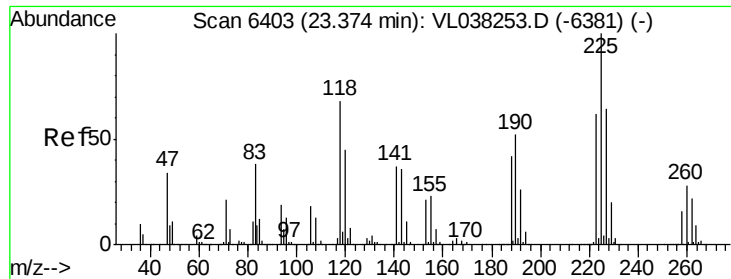
Tgt Ion	Ratio	Lower	Upper
146	100		
111	65.9	23.2	69.6
148	72.8	32.4	97.0



#77
 1,2-Dichlorobenzene
 Concen: 0.121 ppbv
 RT: 17.77 min Scan# 4661
 Delta R.T. -0.04 min
 Lab File: VL038320.D
 Acq: 1 Feb 2022 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	67.3	25.2	75.6
148	80.7	32.6	97.8





#78

Hexachloro-1,3-Butadiene

Concen: 0.064 ppbv

RT: 23.32

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Feb 2022 13:44

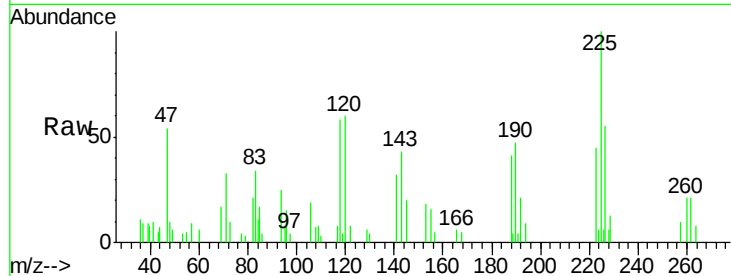
Tgt Ion: 225 Resp: 5829

Ion Ratio Lower Upper

225 100

223 0.0 51.7 77.5#

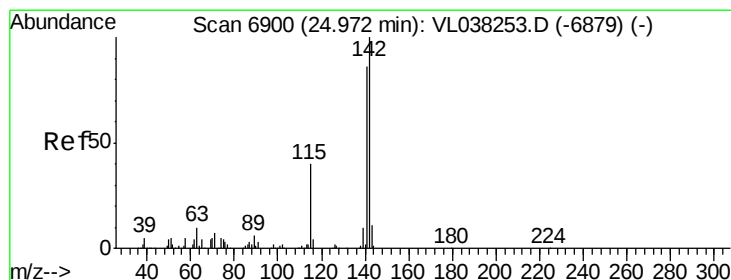
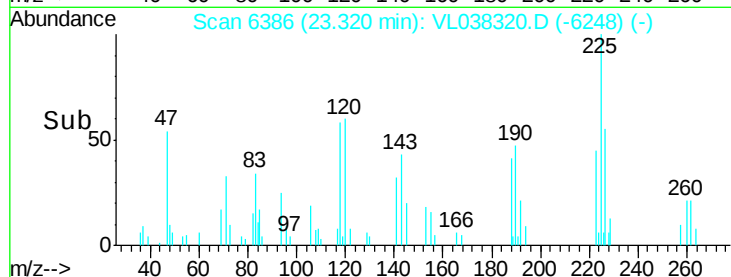
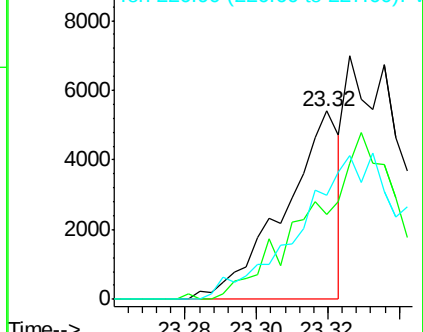
227 0.0 51.4 77.0#



Abundance Ion 224.90 (224.60 to 225.60): V

Ion 222.90 (222.60 to 223.60): V

Ion 226.90 (226.60 to 227.60): V



#80

Naphthalene, 2-methyl-

Concen: 0.229 ppbv

RT: 24.94 min Scan# 6891

Delta R.T. -0.03 min

Lab File: VL038320.D

Acq: 1 Feb 2022 13:44

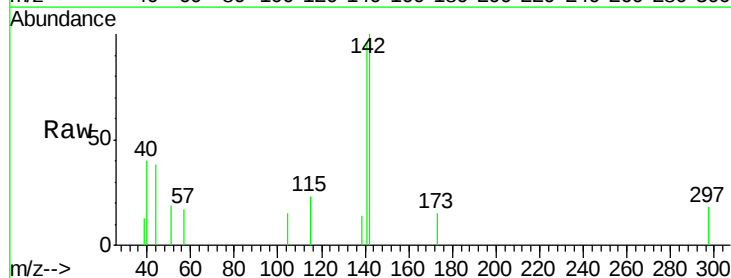
Tgt Ion: 142 Resp: 3055

Ion Ratio Lower Upper

142 100

141 131.4 70.2 105.4#

115 38.8 31.8 47.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

