

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090722\
 Data File : VL039617.D
 Acq On : 7 Sep 2022 13:31
 Operator : SY/AP
 Sample : N4494-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Quant Time: Sep 08 05:19:24 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

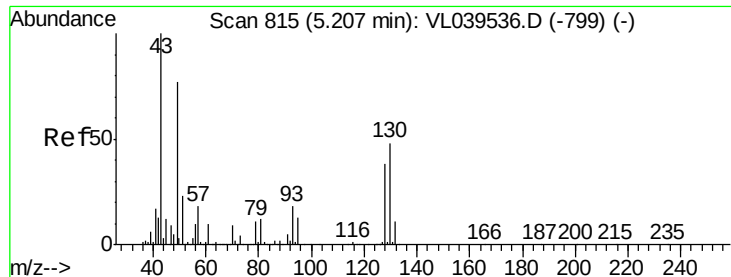
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.21	49	974444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	6.66	114	2492307	10.00	ppbv	0.00
55) Chlorobenzene-d5	11.47	117	2224866	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.78	95	1679092	10.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.75	85	29227	0.225	ppbv	96
3) Chlorodifluoromethane	2.67	51	3209069	27.641	ppbv #	58
4) Chloromethane	2.84	50	36750	0.526	ppbv #	88
7) Chloroethane	3.22	64	723	0.034	ppbv #	44
9) Propene	2.90	41	340308	6.406	ppbv	91
10) Heptane	7.59	43	7017	0.057	ppbv #	1
11) Trichlorofluoromethane	3.58	101	28916	0.203	ppbv #	70
12) 1,1,2-Trichlorotrifluoroet	4.08	101	3821	0.036	ppbv #	13
13) Ethanol	3.26	45	7437726	1948.149	ppbv	72
15) Acetone	3.48	43	4929400	45.160	ppbv	98
16) 1,3-Butadiene	2.99	39	5396	0.095	ppbv #	10
17) tert-Butyl alcohol	3.90	59	4249	0.046	ppbv #	71
19) Isopropyl Alcohol	3.60	45	3170884	59.716	ppbv #	94
20) Methylene Chloride	3.95	84	85755	1.934	ppbv	93
21) Allyl Chloride	3.82	41	12031	0.169	ppbv #	1
23) Vinyl Acetate	4.63	43	82285	1.585	ppbv #	1
25) Ethyl Acetate	5.22	43	228500	0.978	ppbv #	96
26) Hexane	5.23	57	77409	0.812	ppbv #	69
27) Carbon Disulfide	4.14	76	3879	0.038	ppbv #	64
29) Chloroform	5.29	83	58663	0.393	ppbv	95
30) Cyclohexane	6.60	84	2524	0.032	ppbv #	1
34) 2-Butanone	4.81	43	92427	0.746	ppbv	96
35) Carbon Tetrachloride	6.51	117	5109	0.038	ppbv #	78
36) Benzene	6.38	78	62336	0.328	ppbv #	91
37) 1,2-Dichloroethane	5.83	62	3223	0.031	ppbv #	81
39) 1,2-Dichloropropane	6.66	63	596991	8.358	ppbv #	25
44) 2,2,4-Trimethylpentane	7.34	57	43472	0.136	ppbv #	5
50) 4-Methyl-2-Pentanone	8.20	43	8151	0.042	ppbv #	57
53) Toluene	9.23	91	292728	1.377	ppbv	99
58) Ethyl Benzene	12.10	91	57894	0.226	ppbv	95
59) m/p-Xylene	12.38	91	43676	0.190	ppbv #	32
60) o-Xylene	13.07	91	62439	0.284	ppbv	88
61) Styrene	12.91	104	10862	0.093	ppbv #	12
73) 1,3,5-Trimethylbenzene	15.35	105	8302	0.035	ppbv #	66
74) 1,2,4-Trimethylbenzene	16.12	105	60096	0.229	ppbv #	69
76) 1,4-Dichlorobenzene	16.48	146	6287	0.040	ppbv #	1
80) Naphthalene,2-methyl-	24.39	142	11797	0.156	ppbv #	86

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.21 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LA-1

Acq: 7 Sep 2022 13:31

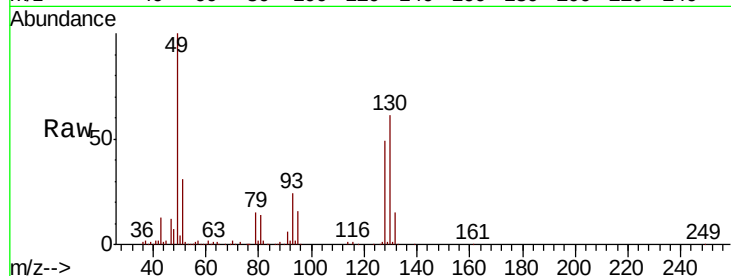
Tot Ion: 49 Resp: 974444

Ion Ratio Lower Upper

49 100

128 50.1 26.7 80.0

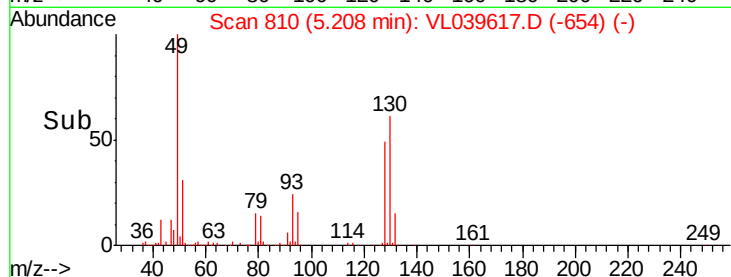
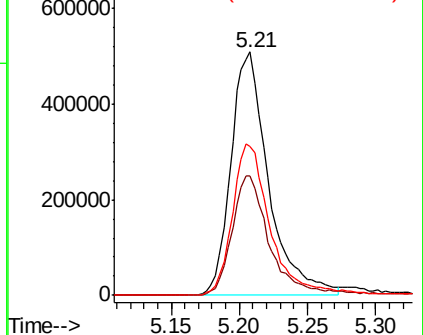
130 63.0 34.3 102.8



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: 0.225 ppbv

RT: 2.75 min Scan# 46

Delta R.T. 0.00 min

Lab File: VL039617.D

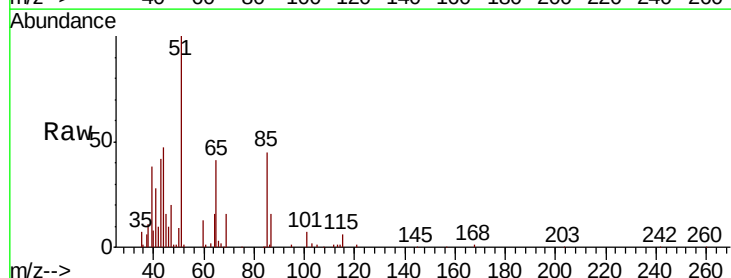
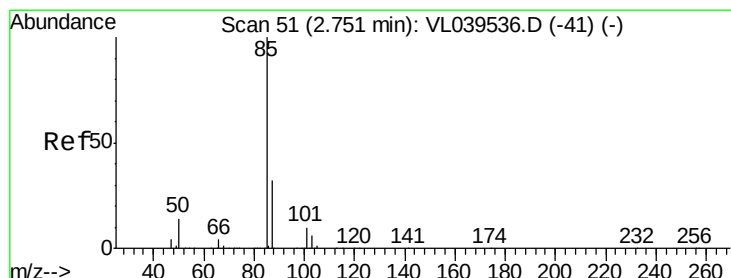
Acq: 7 Sep 2022 13:31

Tgt Ion: 85 Resp: 29227

Ion Ratio Lower Upper

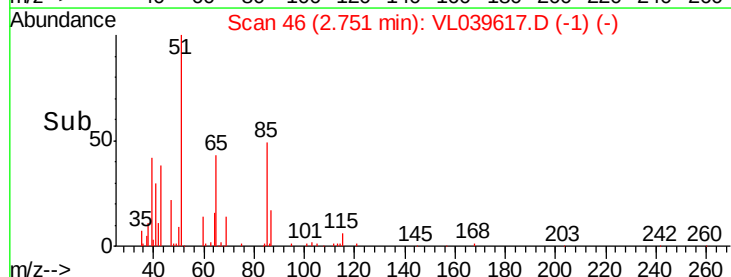
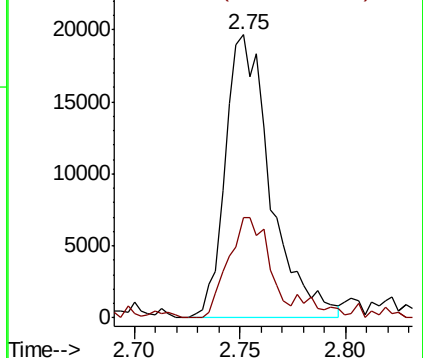
85 100

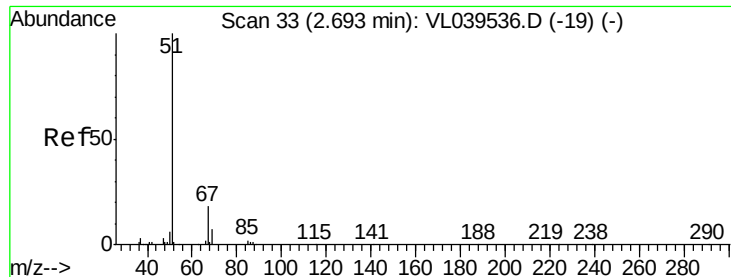
87 35.4 26.7 40.1



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 27.641 ppbv

RT: 2.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

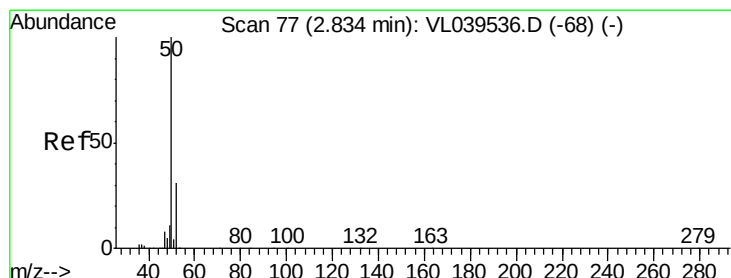
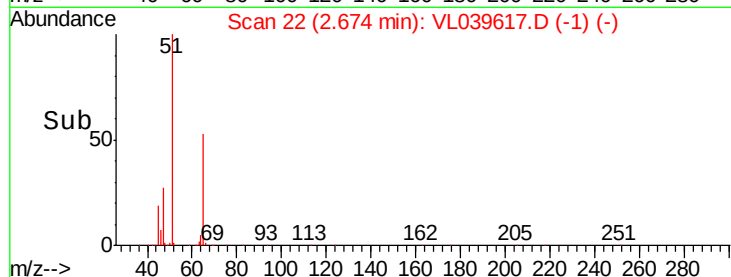
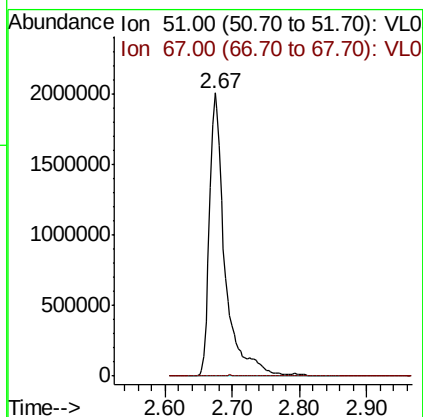
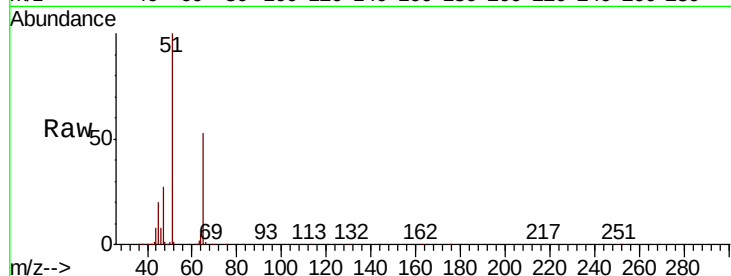
Acq: 7 Sep 2022 13:31

Tot Ion: 51 Resp: 3209069

Ion Ratio Lower Upper

51 100

67 0.4 15.7 23.5#



#4

Chloromethane

Concen: 0.526 ppbv

RT: 2.84 min Scan# 73

Delta R.T. 0.00 min

Lab File: VL039617.D

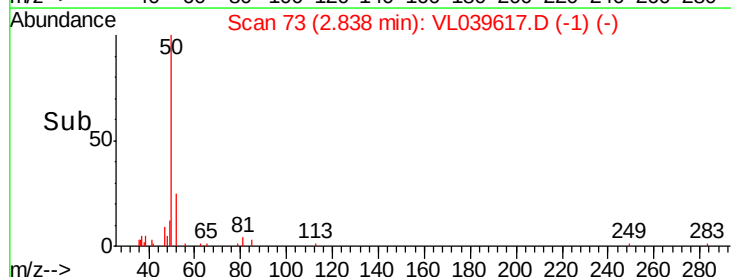
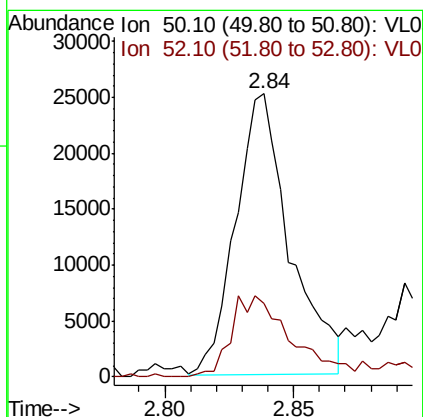
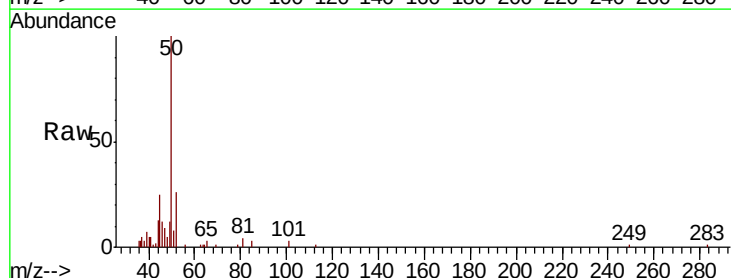
Acq: 7 Sep 2022 13:31

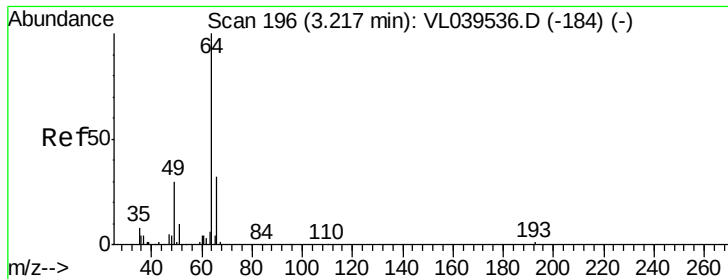
Tgt Ion: 50 Resp: 36750

Ion Ratio Lower Upper

50 100

52 26.4 26.5 39.7#





#7

Chloroethane

Concen: 0.034 ppbv

RT: 3.22 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: A-1

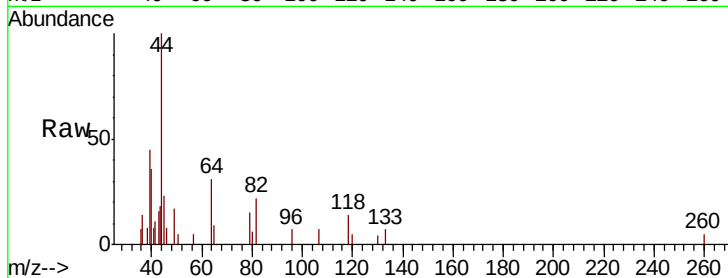
Acq: 7 Sep 2022 13:31

Tot Ion: 64 Resp: 723

Ion Ratio Lower Upper

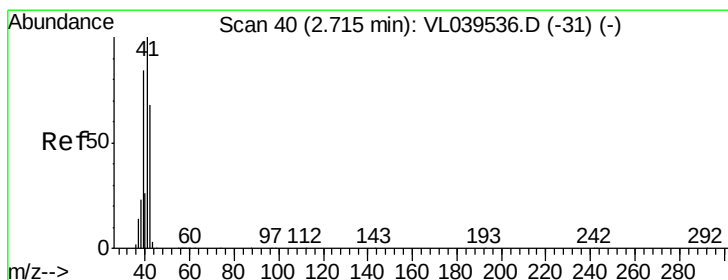
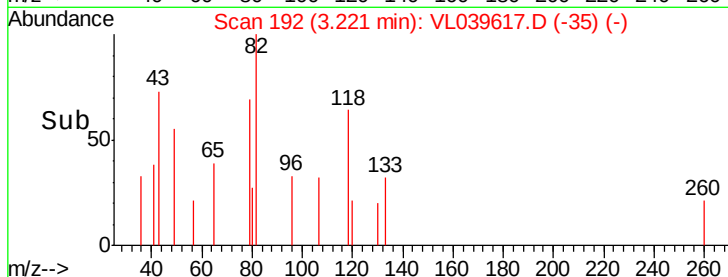
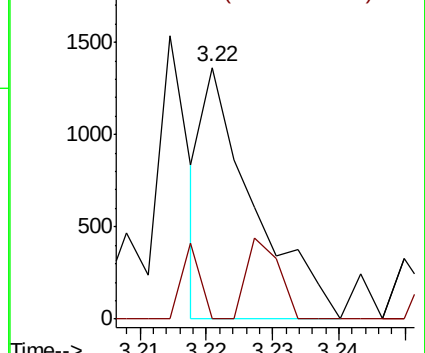
64 100

66 0.0 24.7 37.1#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 6.406 ppbv

RT: 2.90 min Scan# 91

Delta R.T. 0.18 min

Lab File: VL039617.D

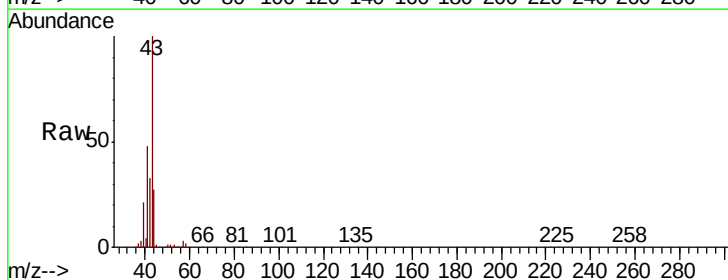
Acq: 7 Sep 2022 13:31

Tgt Ion: 41 Resp: 340308

Ion Ratio Lower Upper

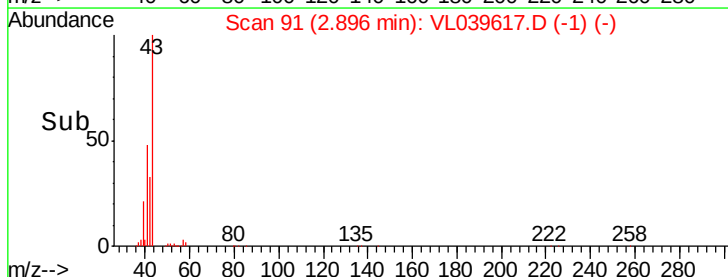
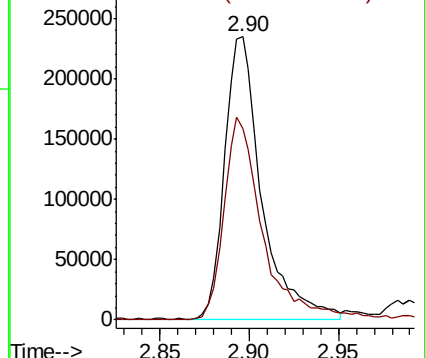
41 100

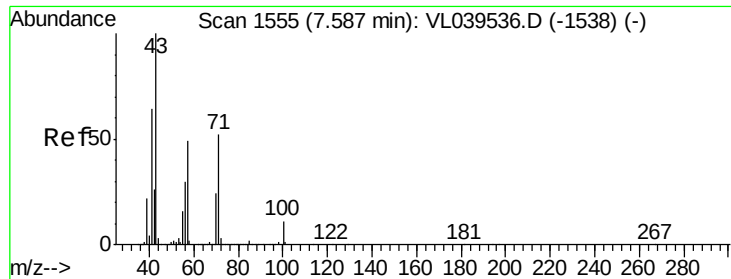
42 76.0 55.2 82.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

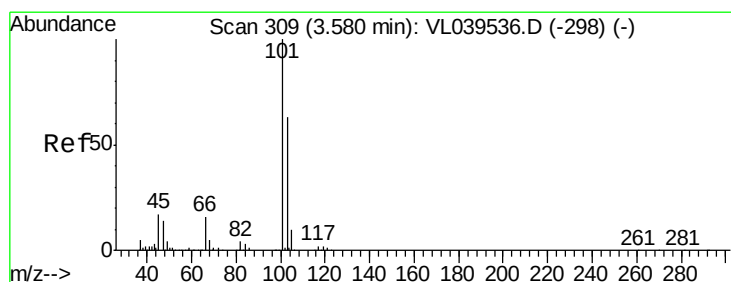
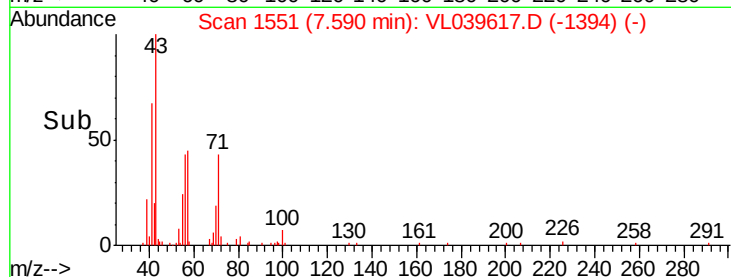
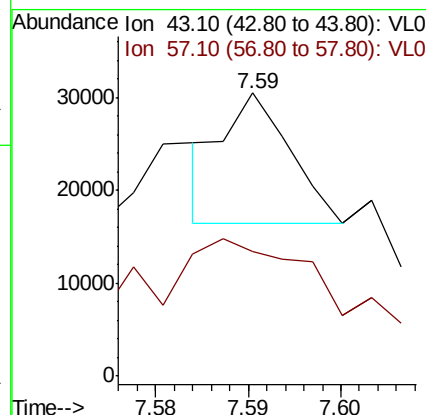
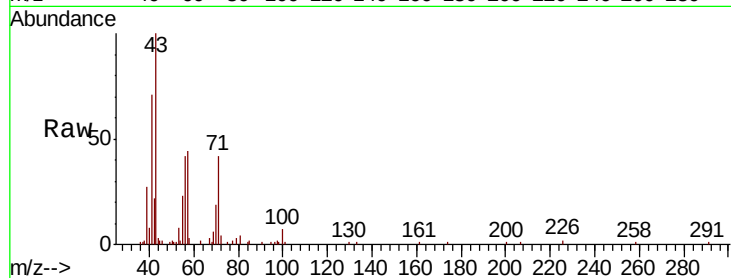
Ion 42.10 (41.80 to 42.80): VL0





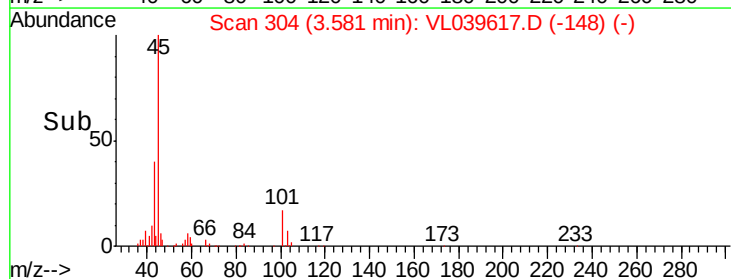
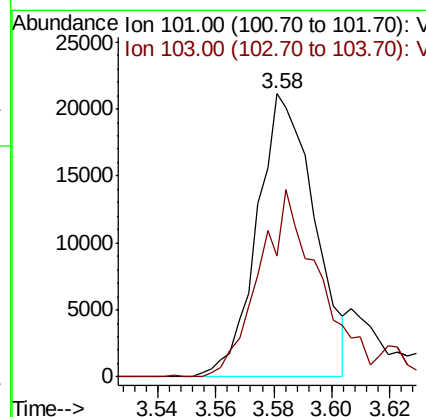
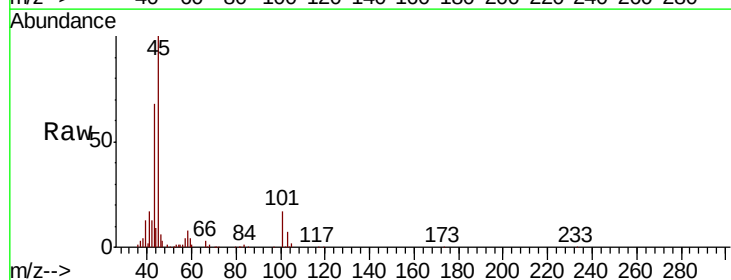
#10
 Heptane
 Concen: 0.057 ppbv
 RT: 7.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 13:31

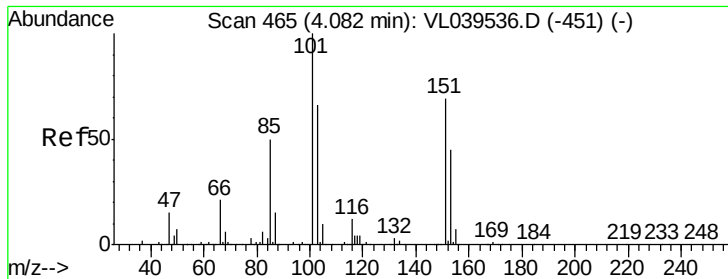
Tot Ion: 43 Resp: 7017
 Ion Ratio Lower Upper
 43 100
 57 424.4 40.5 60.7#



#11
 Trichlorofluoromethane
 Concen: 0.203 ppbv
 RT: 3.58 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VL039617.D
 Acq: 7 Sep 2022 13:31

Tgt Ion:101 Resp: 28916
 Ion Ratio Lower Upper
 101 100
 103 41.5 51.8 77.8#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.036 ppbv

RT: 4.08 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

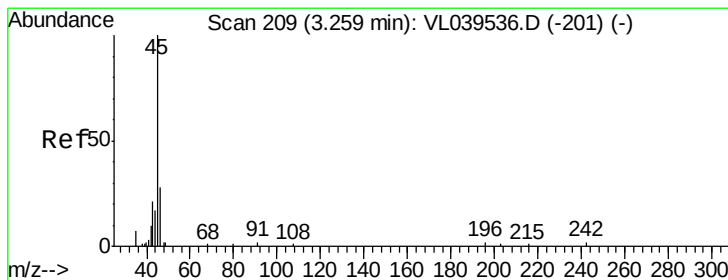
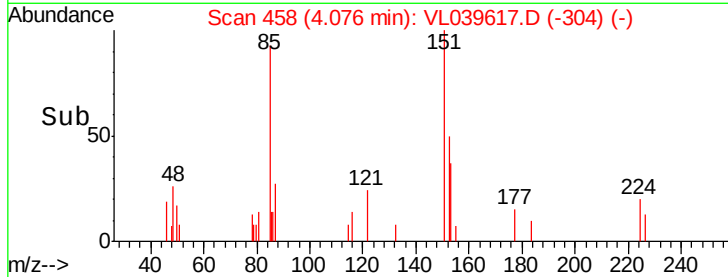
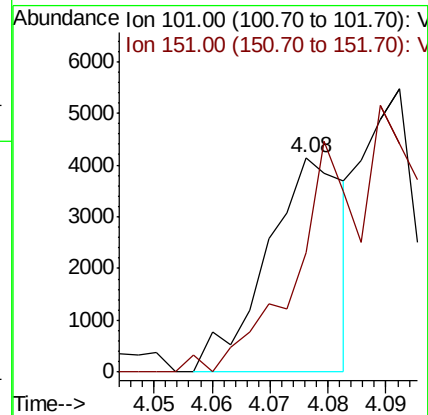
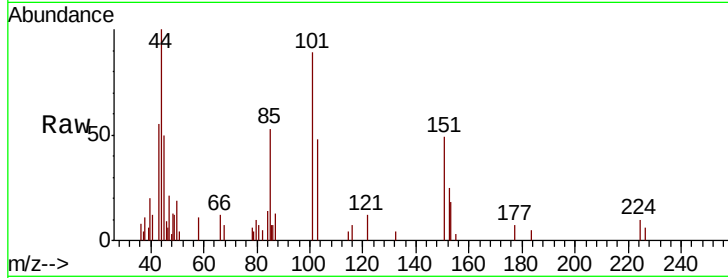
Acq: 7 Sep 2022 13:31

Tot Ion:101 Resp: 3821

Ion Ratio Lower Upper

101 100

151 0.0 58.9 88.3#



#13

Ethanol

Concen: 1948.149 ppbv

RT: 3.26 min Scan# 205

Delta R.T. 0.00 min

Lab File: VL039617.D

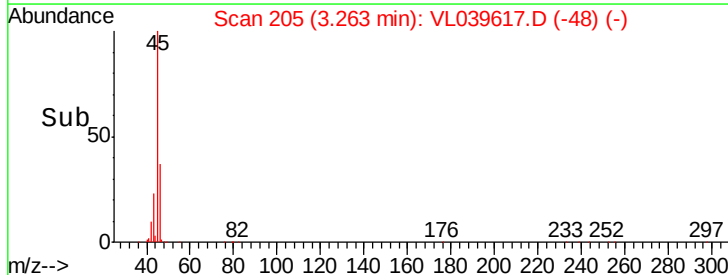
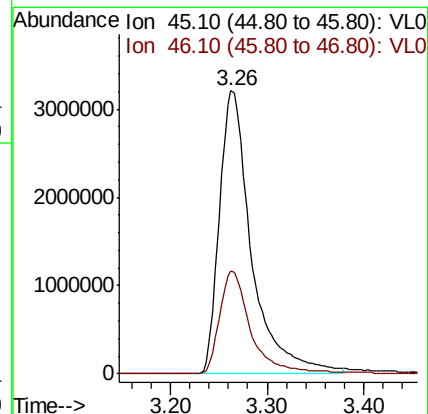
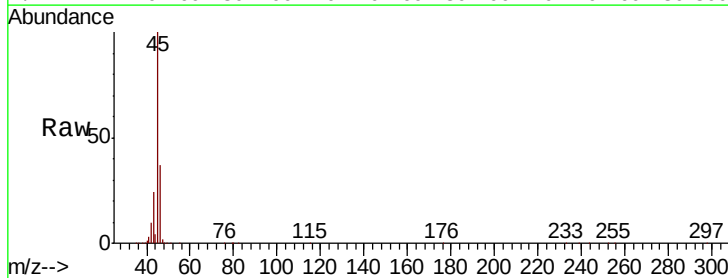
Acq: 7 Sep 2022 13:31

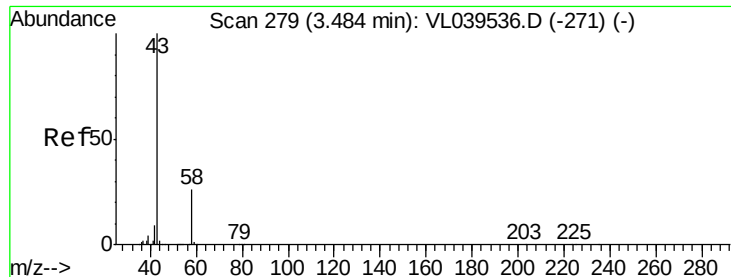
Tgt Ion: 45 Resp: 7437726

Ion Ratio Lower Upper

45 100

46 36.3 22.8 91.2





#15

Acetone

Concen: 45.160 ppbv

RT: 3.48 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: LA-1

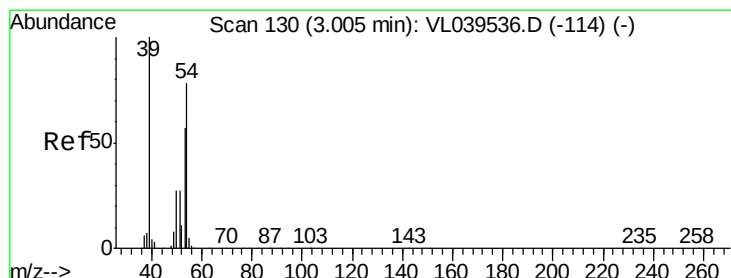
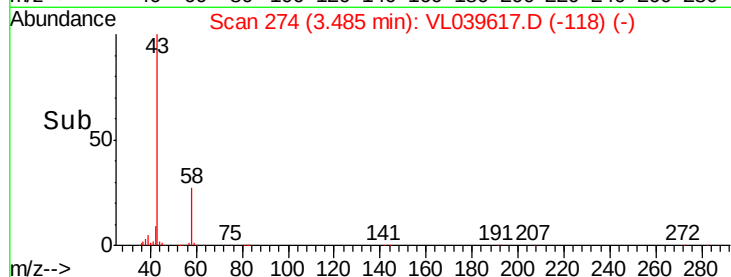
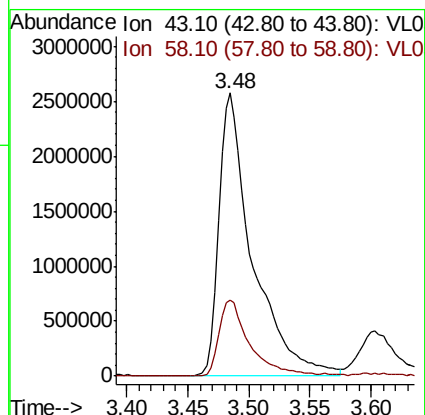
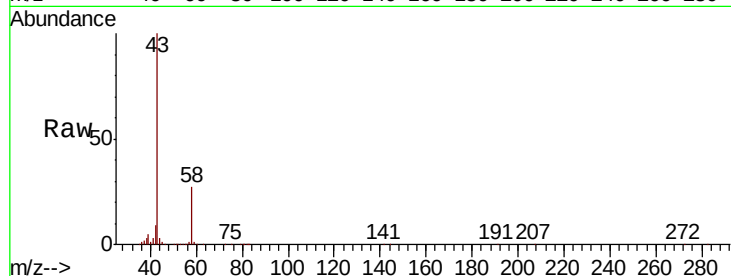
Acq: 7 Sep 2022 13:31

Tot Ion: 43 Resp: 4929400

Ion Ratio Lower Upper

43 100

58 25.3 21.0 31.6



#16

1,3-Butadiene

Concen: 0.095 ppbv

RT: 2.99 min Scan# 119

Delta R.T. -0.02 min

Lab File: VL039617.D

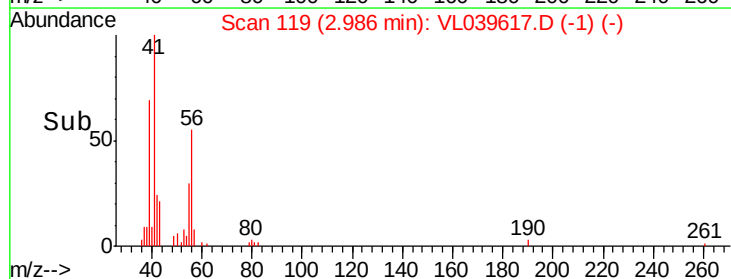
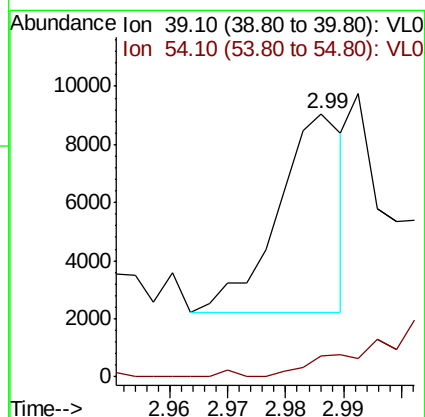
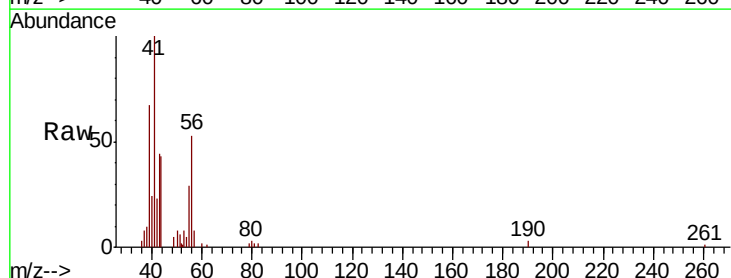
Acq: 7 Sep 2022 13:31

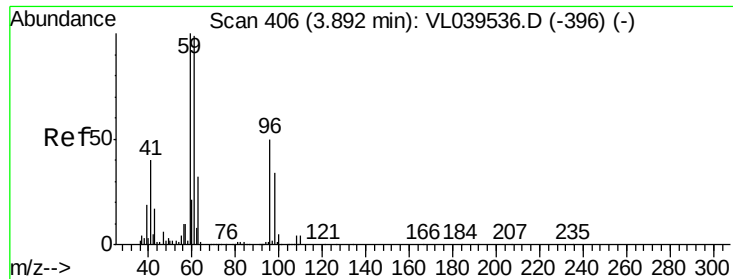
Tgt Ion: 39 Resp: 5396

Ion Ratio Lower Upper

39 100

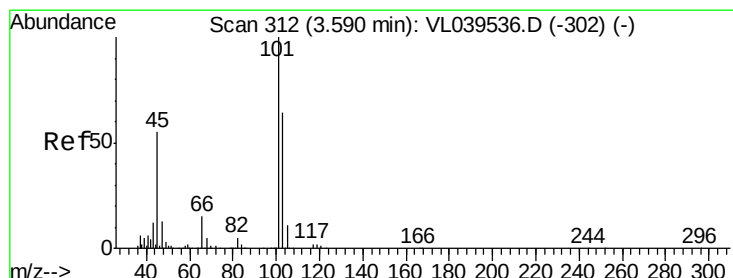
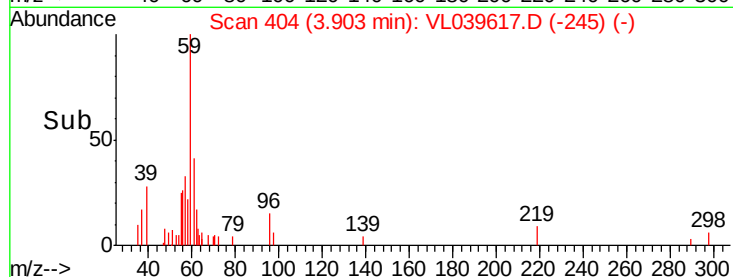
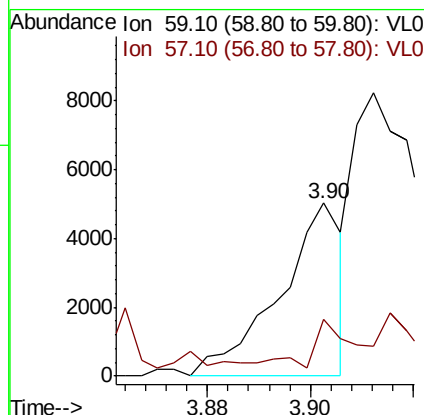
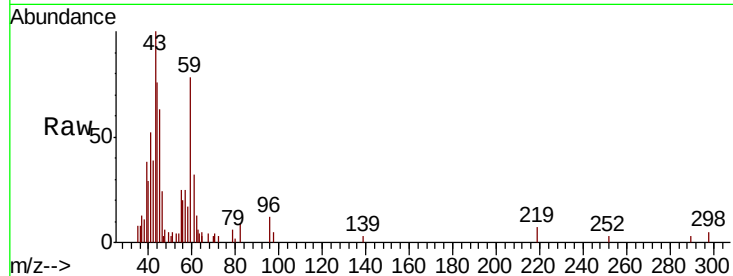
54 0.0 63.7 95.5#





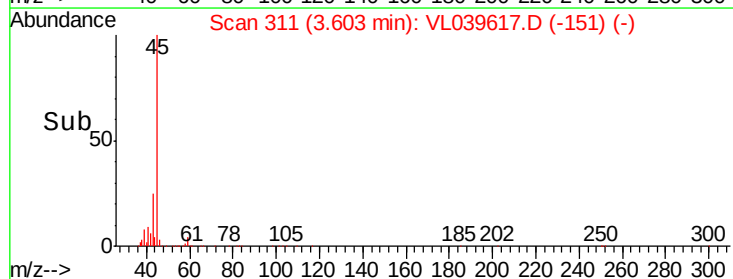
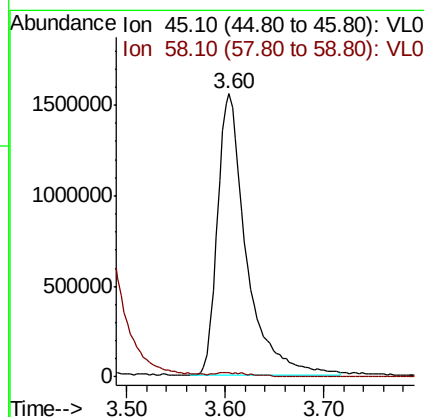
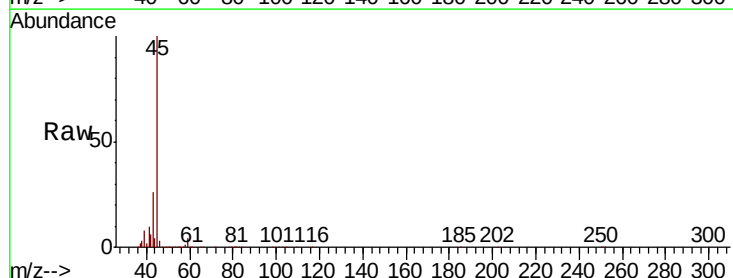
#17
 tert-Butyl alcohol
 Concen: 0.046 ppbv
 RT: 3.90
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 13:31

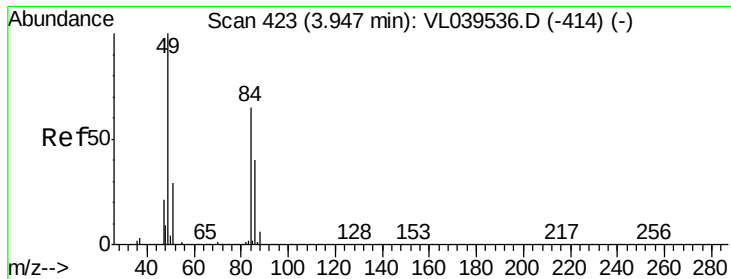
Tot Ion: 59 Resp: 4249
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.7 13.1#



#19
 Isopropyl Alcohol
 Concen: 59.716 ppbv
 RT: 3.60 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VL039617.D
 Acq: 7 Sep 2022 13:31

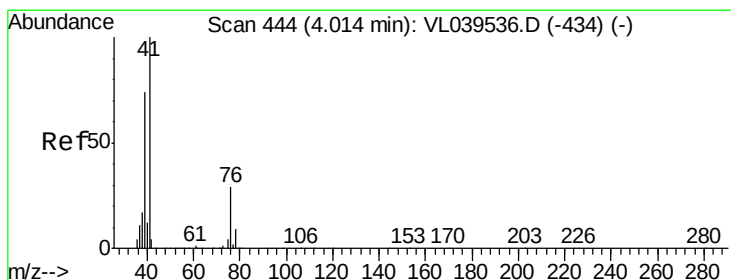
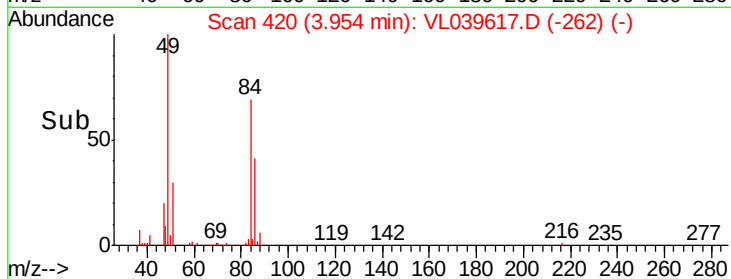
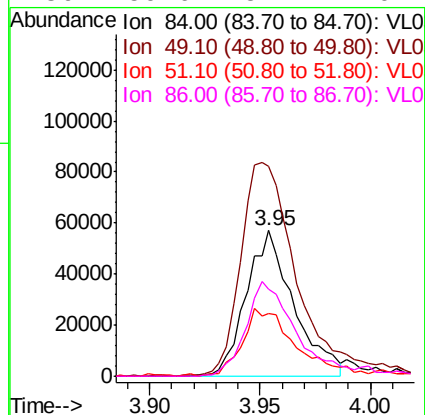
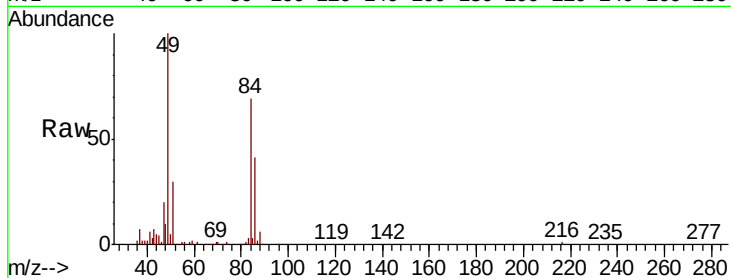
Tgt Ion: 45 Resp: 3170884
 Ion Ratio Lower Upper
 45 100
 58 2.1 3.2 4.8#





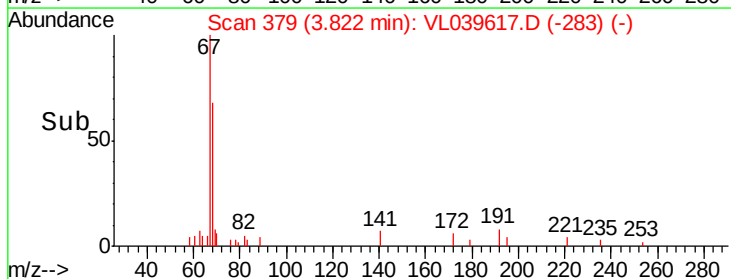
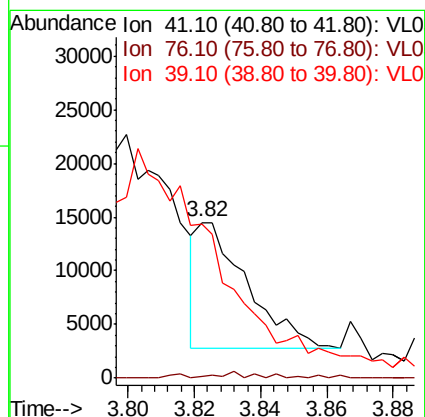
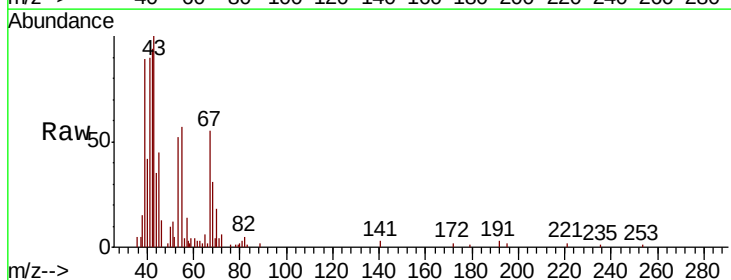
#20
Methvlene Chloride
Concen: 1.934 ppbv
RT: 3.95
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Sep 2022 13:31

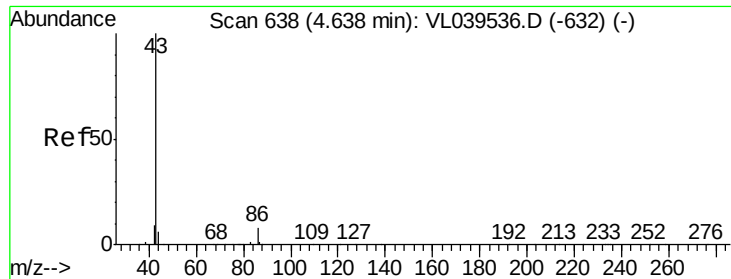
Tot Ion:	84	Resp:	85755
Ion	Ratio	Lower	Upper
84	100		
49	143.4	123.1	184.7
51	41.3	34.4	51.6
86	59.6	51.1	76.7



#21
Allyl Chloride
Concen: 0.169 ppbv
RT: 3.82 min Scan# 379
Delta R.T. -0.19 min
Lab File: VL039617.D
Acq: 7 Sep 2022 13:31

Tgt Ion:	41	Resp:	12031
Ion	Ratio	Lower	Upper
41	100		
76	5.7	24.4	36.6#
39	394.5	63.5	95.3#





#23

Vinyl Acetate

Concen: 1.585 ppbv

RT: 4.63 Instrument: MSVOA_1

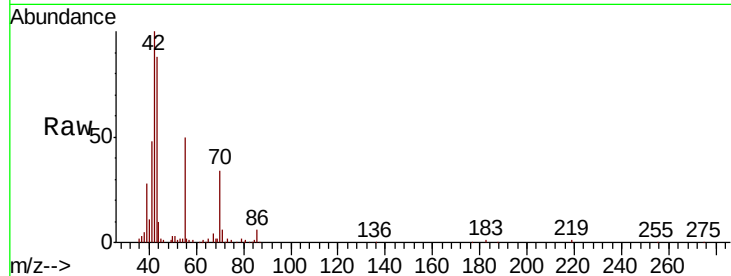
Delta R.T.

Lab File: ClientSampleId:

Acq: 7 Sep 2022 13:31

Tot Ion: 43 Resp: 82285

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.0	7.6#
42	112.3	7.7	11.5#
44	5.7	4.6	7.0

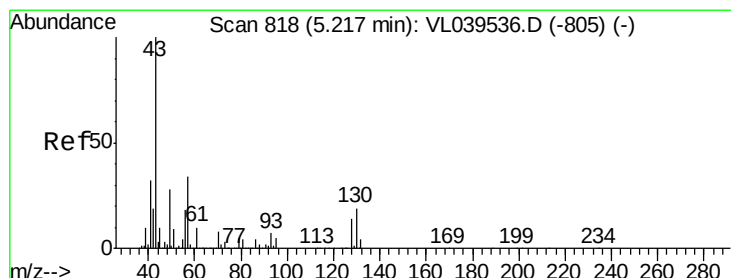
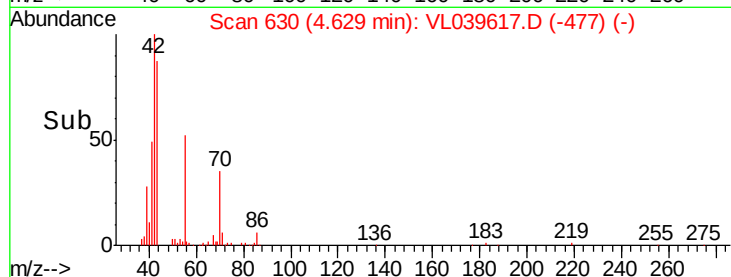
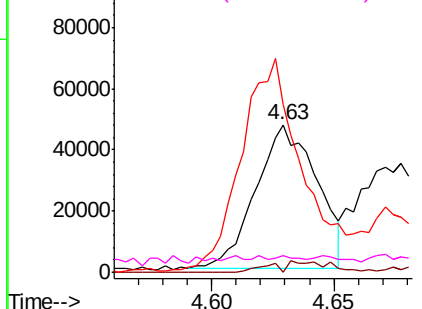


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 0.978 ppbv

RT: 5.22 min Scan# 814

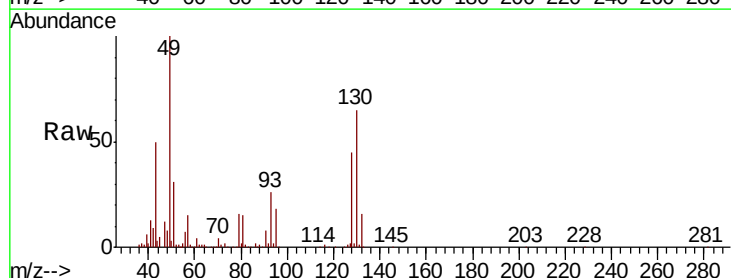
Delta R.T. 0.00 min

Lab File: VL039617.D

Acq: 7 Sep 2022 13:31

Tgt Ion: 43 Resp: 228500

Ion	Ratio	Lower	Upper
43	100		
45	13.2	8.2	12.4#
61	10.9	8.3	12.5
70	8.6	5.9	8.9

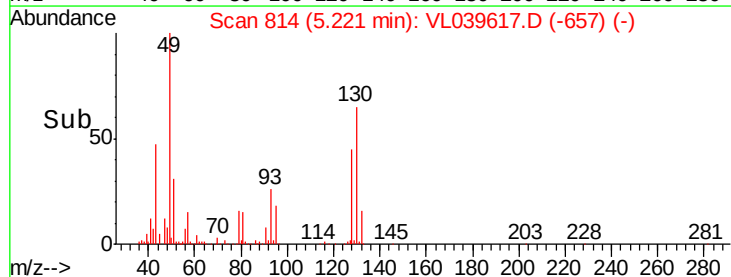
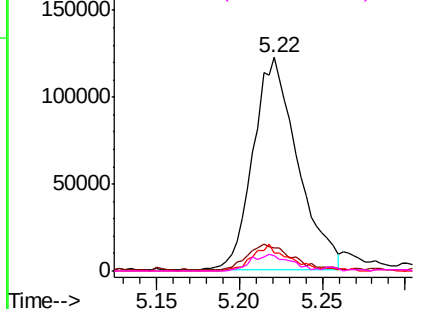


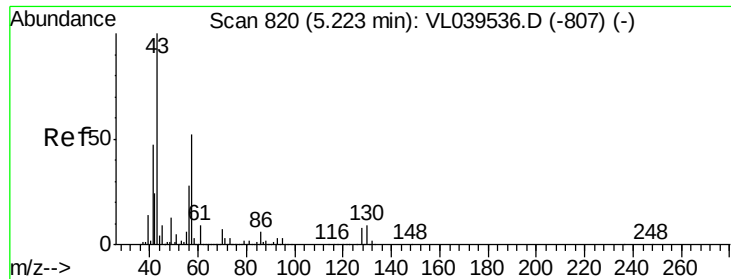
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

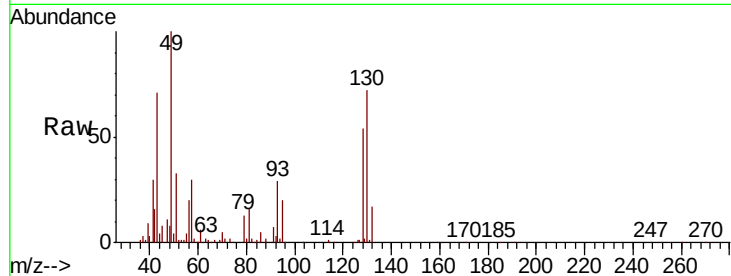
Ion 70.10 (69.80 to 70.80): VL0



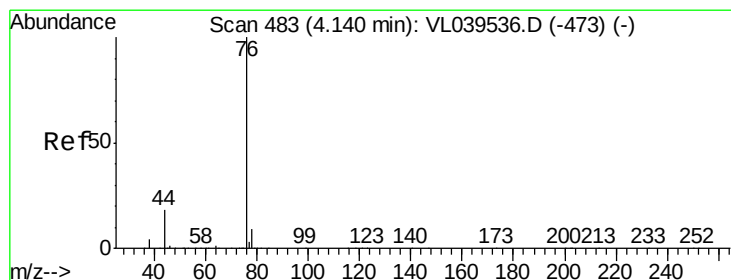
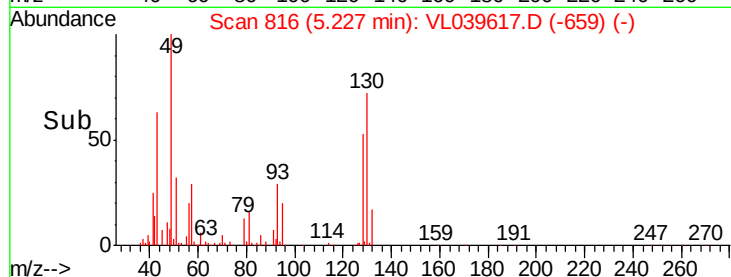
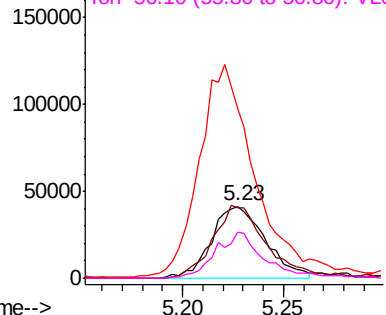


#26
Hexane
Concen: 0.812 ppbv
RT: 5.23
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Sep 2022 13:31

Tot Ion:	57	Resp:	77409
Ion	Ratio	Lower	Upper
57	100		
41	101.6	76.9	115.3
43	318.0	191.0	286.6#
56	59.2	43.2	64.8

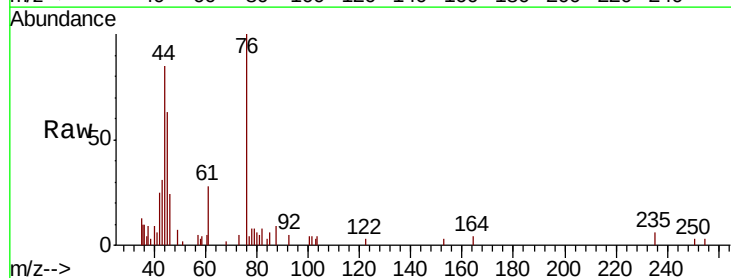


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

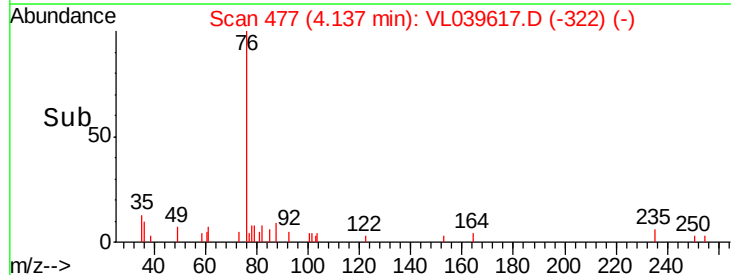
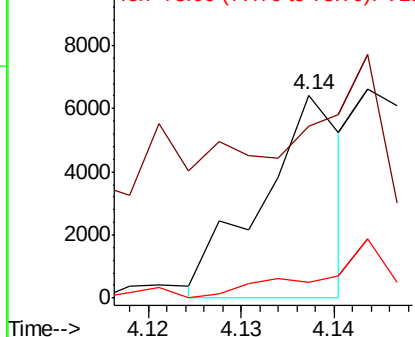


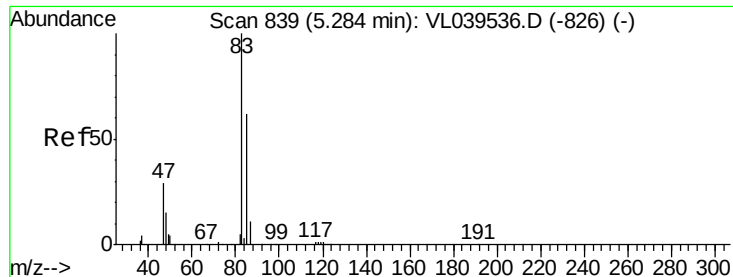
#27
Carbon Disulfide
Concen: 0.038 ppbv
RT: 4.14 min Scan# 477
Delta R.T. -0.00 min
Lab File: VL039617.D
Acq: 7 Sep 2022 13:31

Tgt Ion:	76	Resp:	3879
Ion	Ratio	Lower	Upper
76	100		
44	0.0	14.6	21.8#
78	0.0	7.8	11.6#



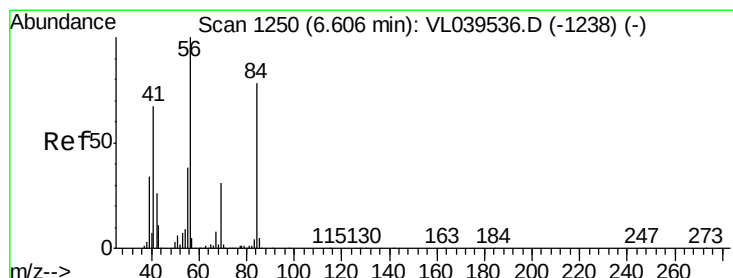
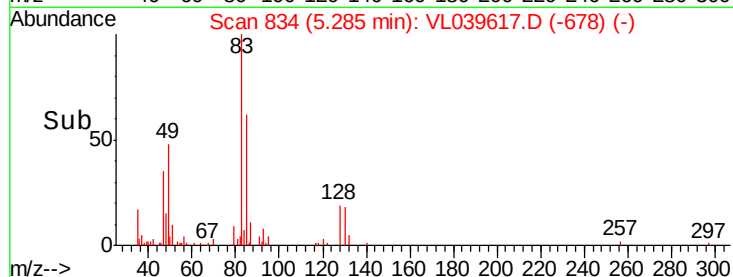
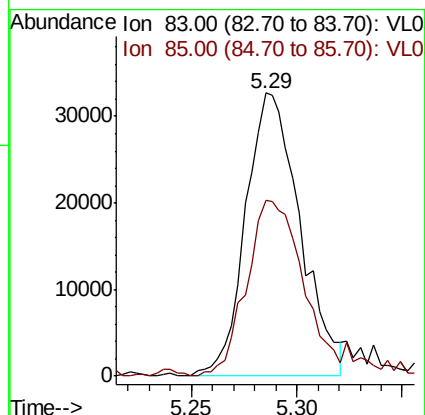
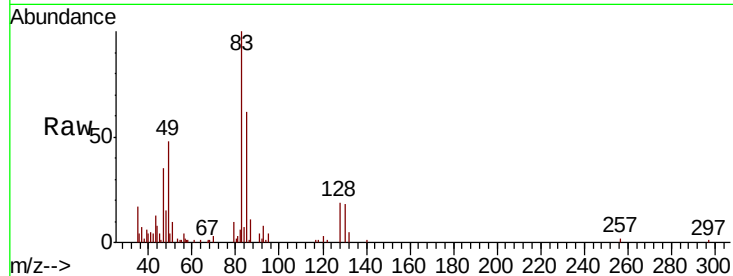
Abundance Ion 76.00 (75.70 to 76.70): VL0
Ion 44.10 (43.80 to 44.80): VL0
Ion 78.00 (77.70 to 78.70): VL0





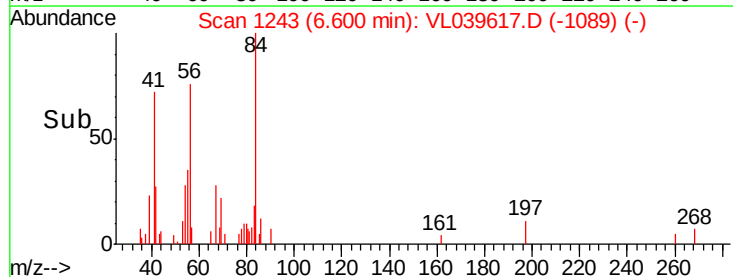
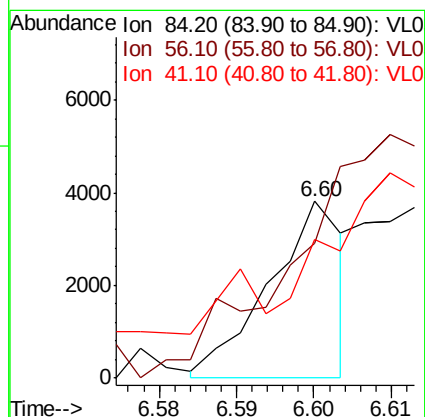
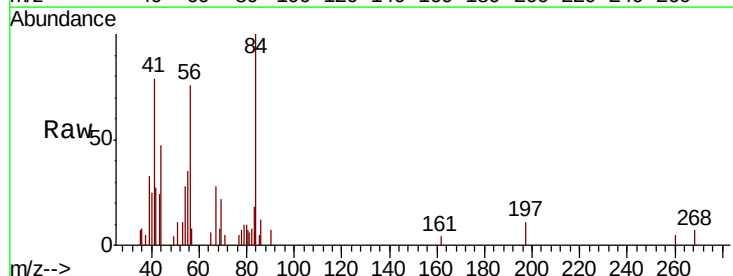
#29
Chloroform
Concen: 0.393 ppbv
RT: 5.29
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Sep 2022 13:31

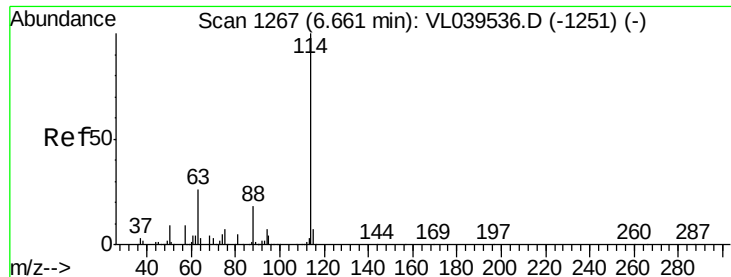
Tot Ion: 83 Resp: 58663
Ion Ratio Lower Upper
83 100
85 62.0 52.8 79.2



#30
Cyclohexane
Concen: 0.032 ppbv
RT: 6.60 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VL039617.D
Acq: 7 Sep 2022 13:31

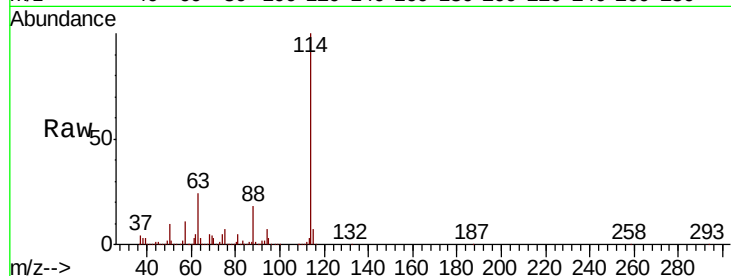
Tgt Ion: 84 Resp: 2524
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 67.7 101.5#



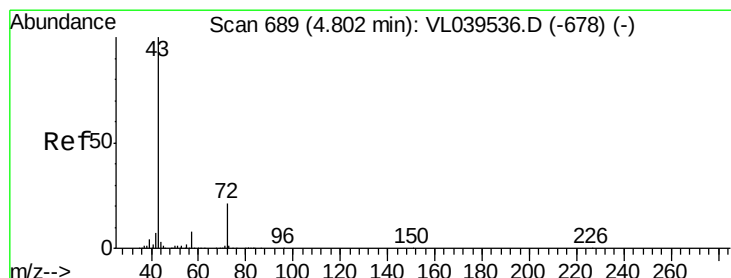
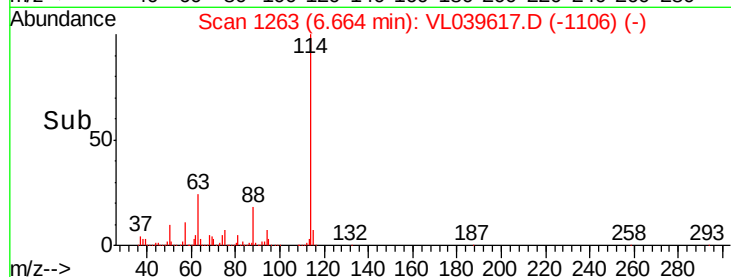
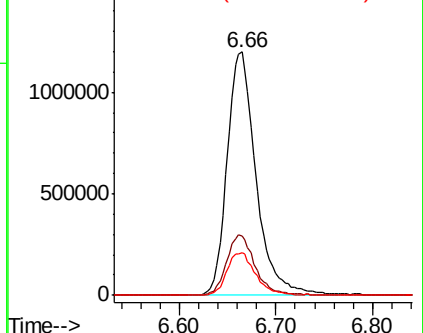


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.66
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 13:31

Tot Ion:114 Resp: 2492307
 Ion Ratio Lower Upper
 114 100
 63 24.7 20.2 30.4
 88 17.7 14.5 21.7

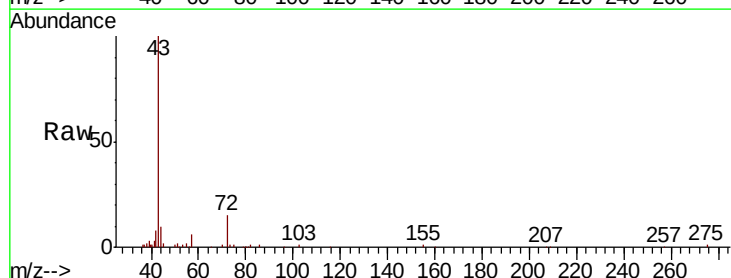


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

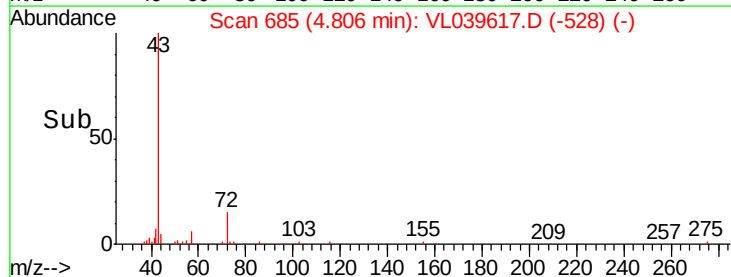
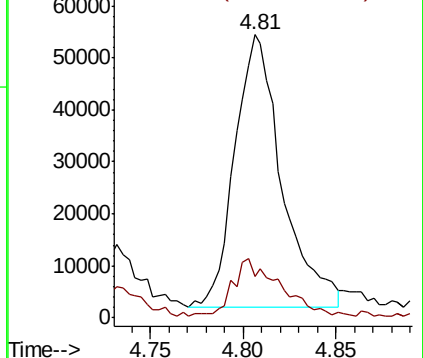


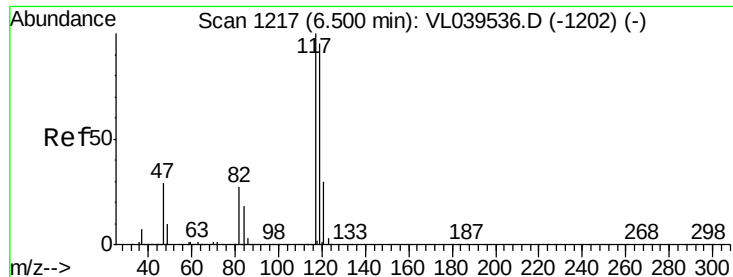
#34
 2-Butanone
 Concen: 0.746 ppbv
 RT: 4.81 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: VL039617.D
 Acq: 7 Sep 2022 13:31

Tgt Ion: 43 Resp: 92427
 Ion Ratio Lower Upper
 43 100
 72 24.1 17.9 26.9



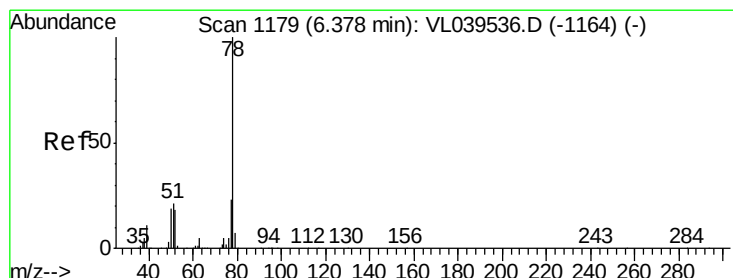
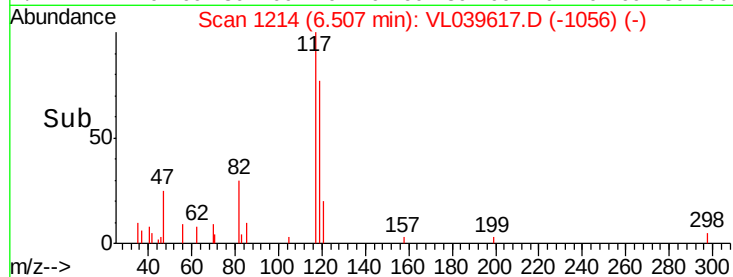
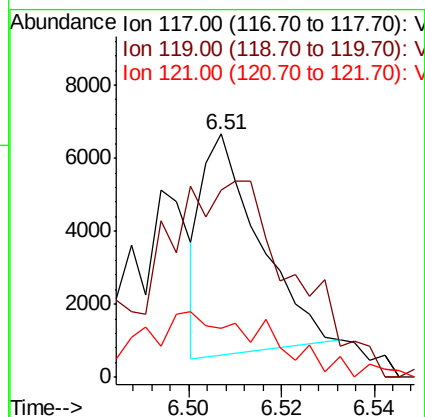
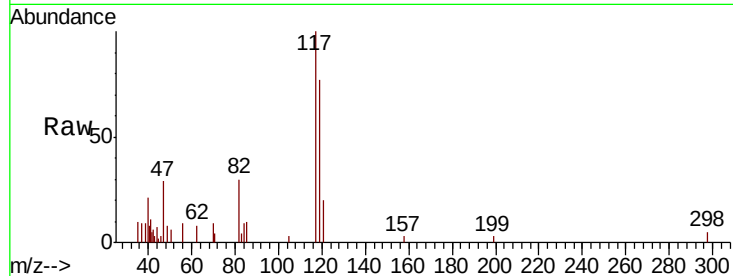
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





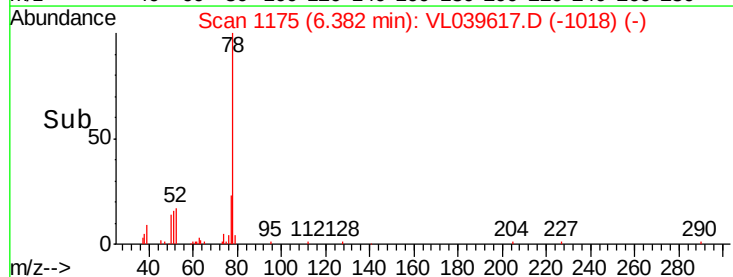
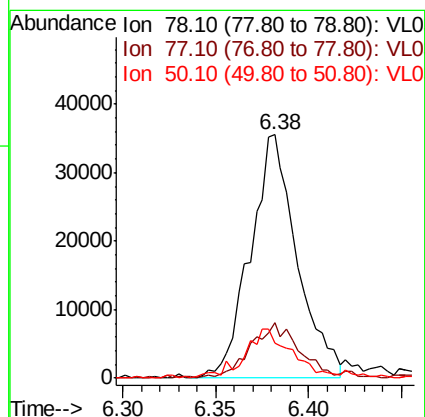
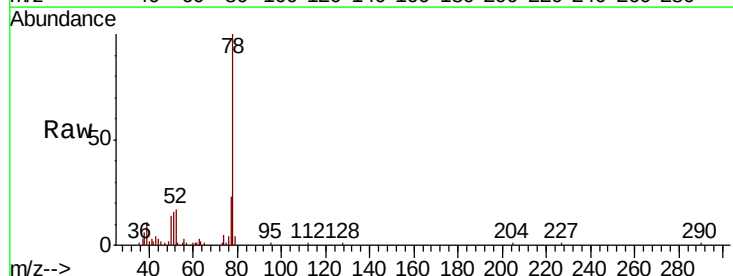
#35
Carbon Tetrachloride
Concen: 0.038 ppbv
RT: 6.51
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Sep 2022 13:31

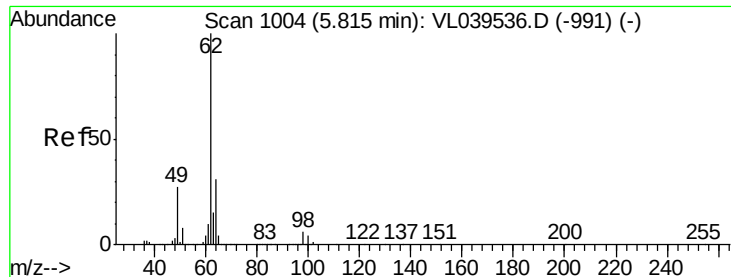
Tot Ion:117 Resp: 5109
Ion Ratio Lower Upper
117 100
119 76.1 75.4 113.2
121 13.5 24.2 36.2#



#36
Benzene
Concen: 0.328 ppbv
RT: 6.38 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VL039617.D
Acq: 7 Sep 2022 13:31

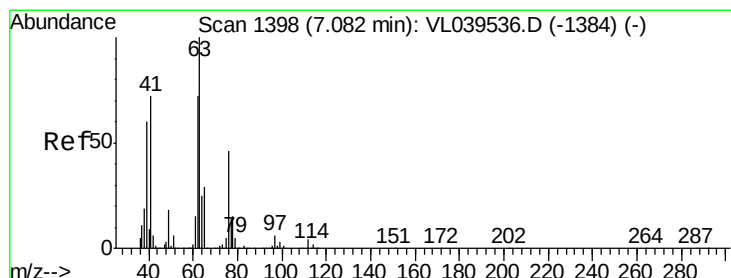
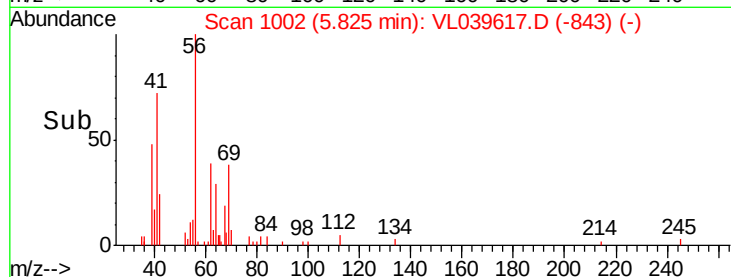
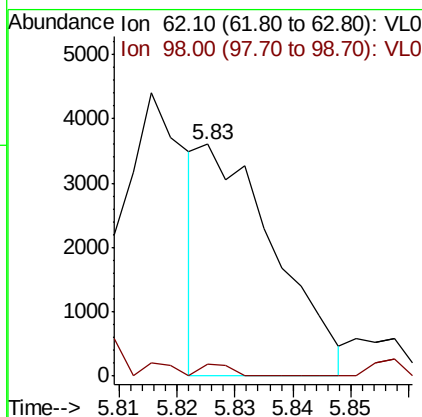
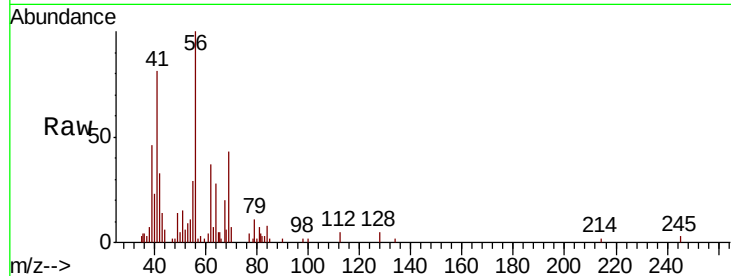
Tgt Ion: 78 Resp: 62336
Ion Ratio Lower Upper
78 100
77 22.1 20.3 30.5
50 13.6 15.5 23.3#





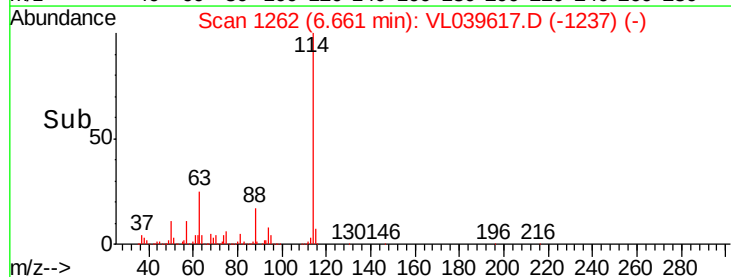
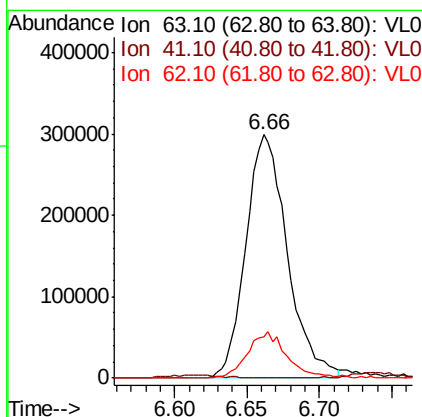
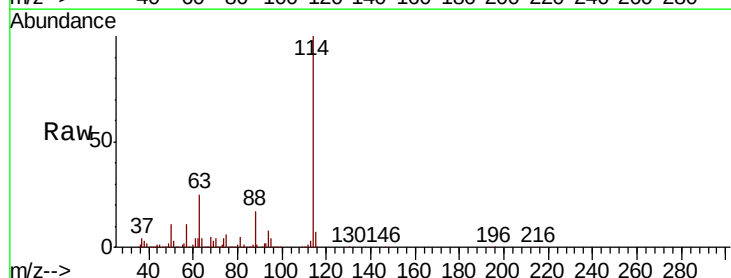
#37
 1,2-Dichloroethane
 Concen: 0.031 ppbv
 RT: 5.83
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 13:31

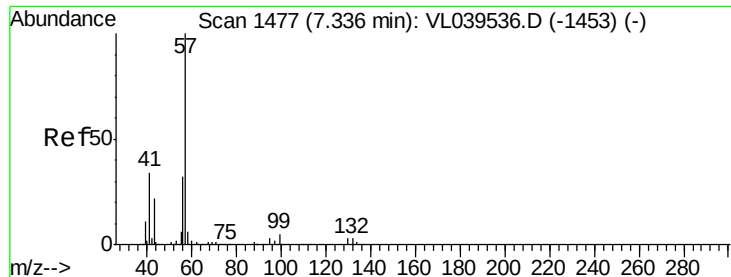
Tot Ion: 62 Resp: 3223
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.1 7.7#



#39
 1,2-Dichloropropane
 Concen: 8.358 ppbv
 RT: 6.66 min Scan# 1262
 Delta R.T. -0.42 min
 Lab File: VL039617.D
 Acq: 7 Sep 2022 13:31

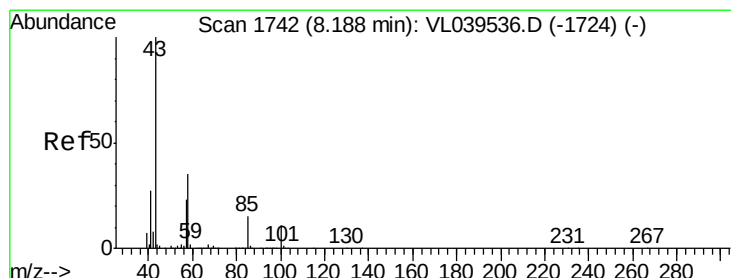
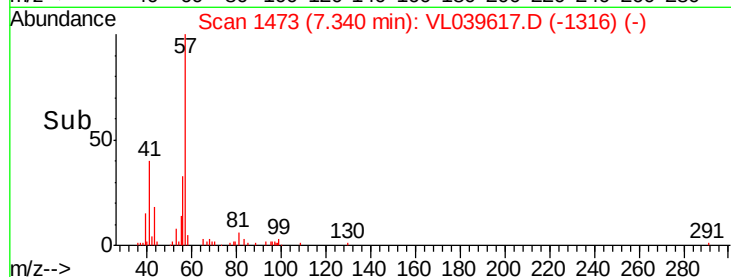
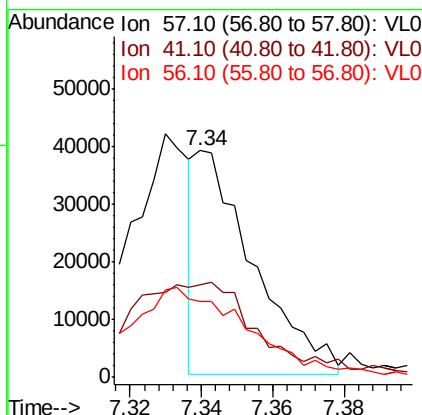
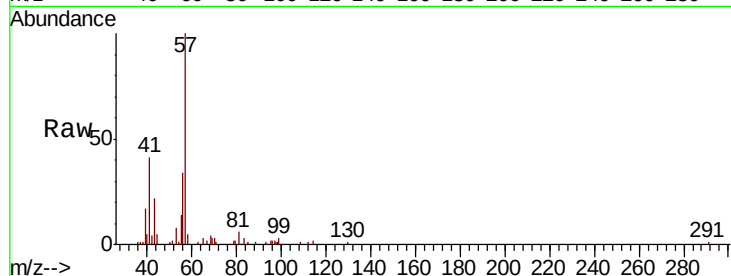
Tgt Ion: 63 Resp: 596991
 Ion Ratio Lower Upper
 63 100
 41 0.0 59.6 89.4#
 62 16.9 51.4 77.0#





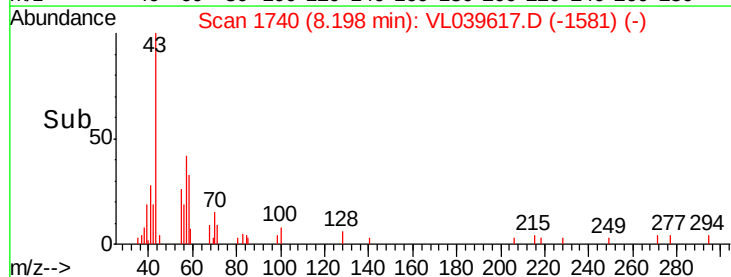
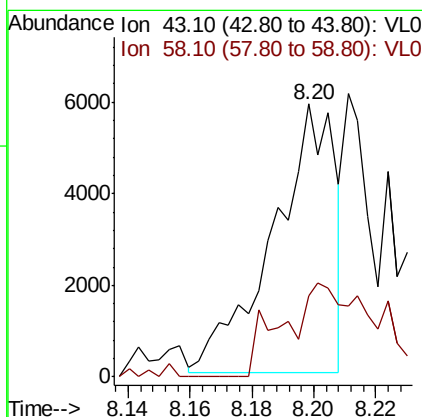
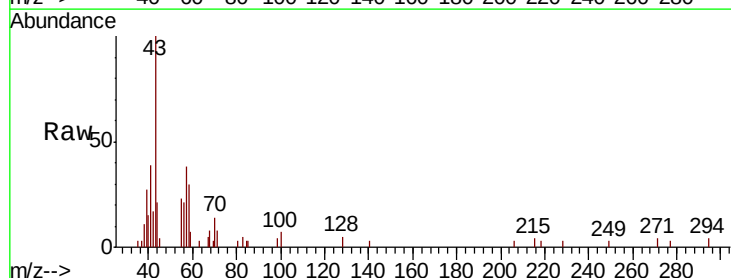
#44
 2,2,4-Trimethylpentane
 Concen: 0.136 ppbv
 RT: 7.34 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 13:31

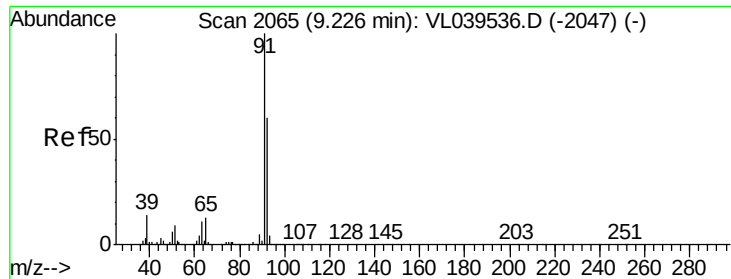
Tot Ion: 57 Resp: 43472
 Ion Ratio Lower Upper
 57 100
 41 108.6 27.4 41.2#
 56 0.0 24.5 36.7#



#50
 4-Methyl-2-Pentanone
 Concen: 0.042 ppbv
 RT: 8.20 min Scan# 1740
 Delta R.T. 0.01 min
 Lab File: VL039617.D
 Acq: 7 Sep 2022 13:31

Tgt Ion: 43 Resp: 8151
 Ion Ratio Lower Upper
 43 100
 58 61.3 28.8 43.2#





#53

Toluene

Concen: 1.377 ppbv

RT: 9.23 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

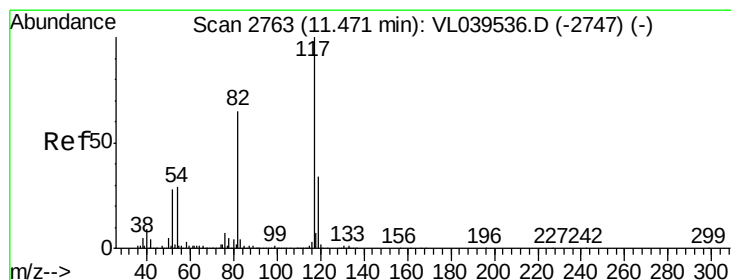
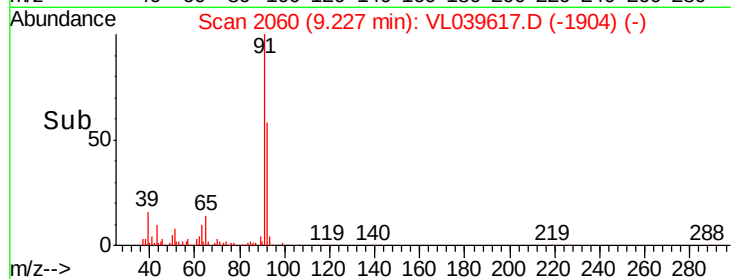
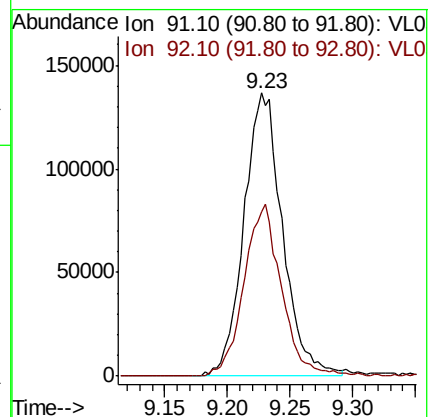
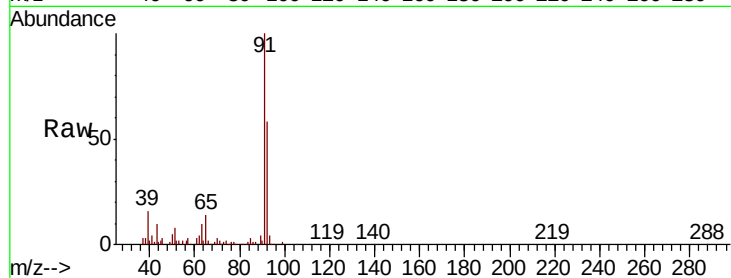
Acq: 7 Sep 2022 13:31

Tot Ion: 91 Resp: 292728

Ion Ratio Lower Upper

91 100

92 59.5 48.2 72.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.47 min Scan# 2758

Delta R.T. 0.00 min

Lab File: VL039617.D

Acq: 7 Sep 2022 13:31

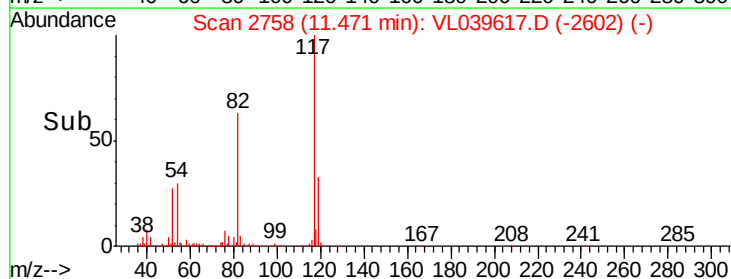
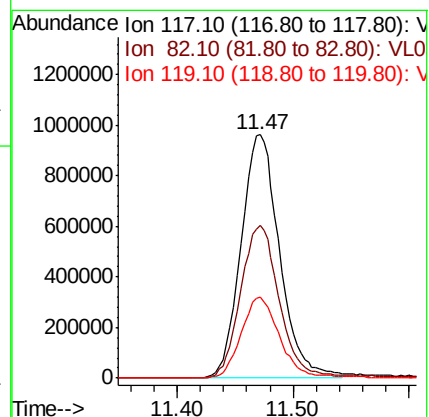
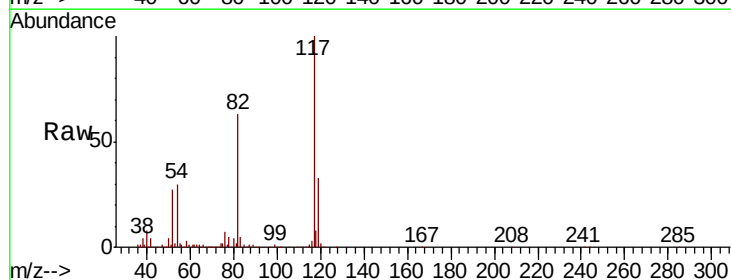
Tgt Ion: 117 Resp: 2224866

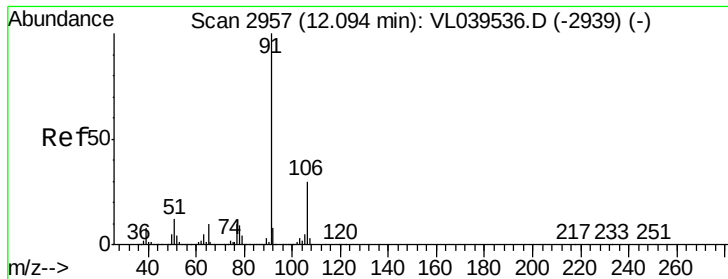
Ion Ratio Lower Upper

117 100

82 65.1 50.8 76.2

119 33.8 24.1 36.1





#58

Ethyl Benzene

Concen: 0.226 ppbv

RT: 12.10 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

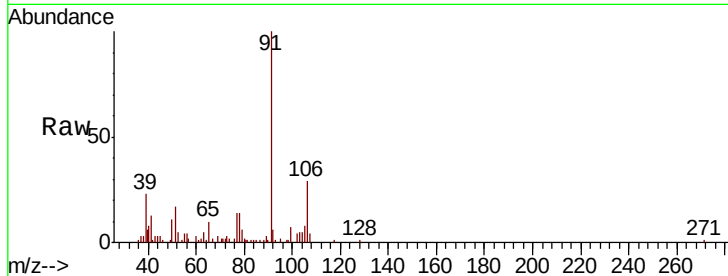
Acq: 7 Sep 2022 13:31

Tot Ion: 91 Resp: 57894

Ion Ratio Lower Upper

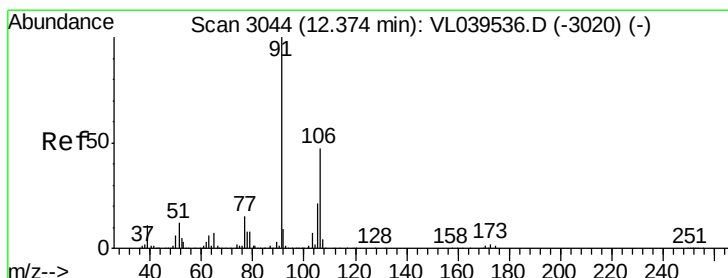
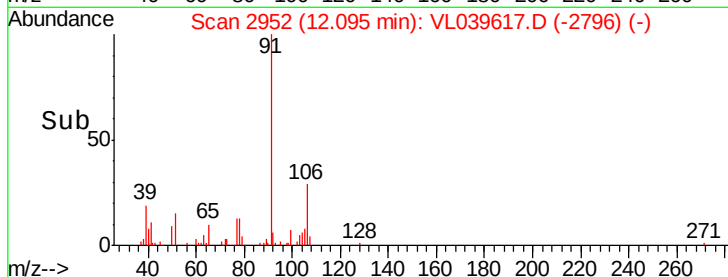
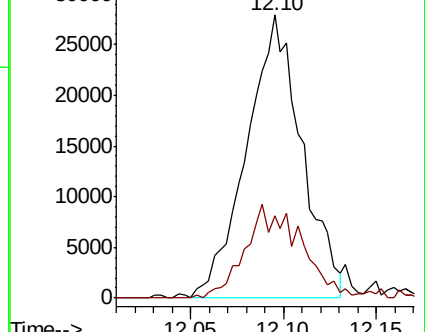
91 100

106 28.9 25.4 38.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#59

m/p-Xylene

Concen: 0.190 ppbv

RT: 12.38 min Scan# 3041

Delta R.T. 0.01 min

Lab File: VL039617.D

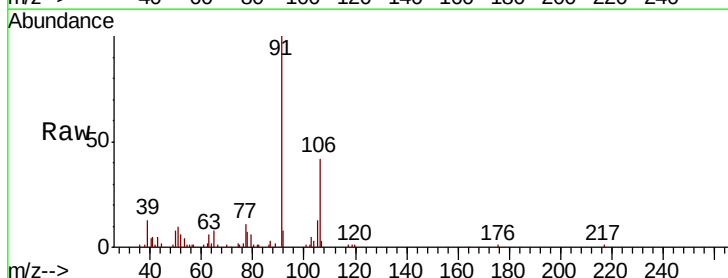
Acq: 7 Sep 2022 13:31

Tgt Ion: 91 Resp: 43676

Ion Ratio Lower Upper

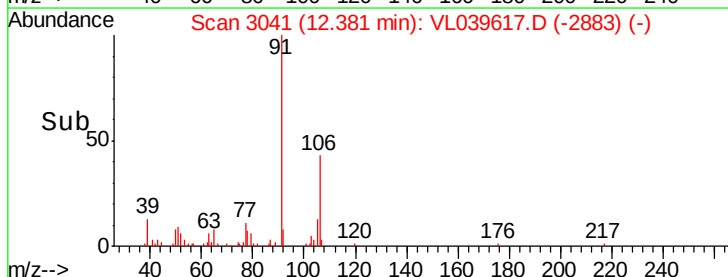
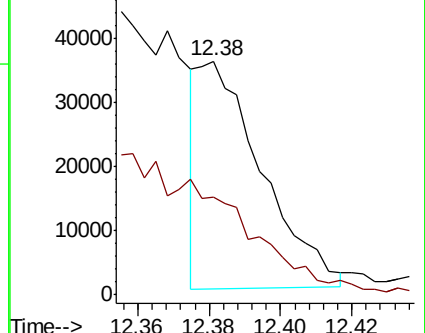
91 100

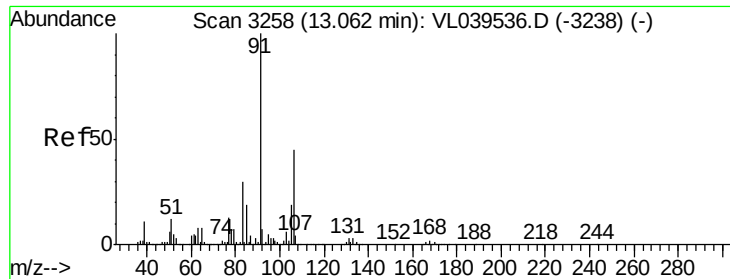
106 0.0 35.4 53.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0

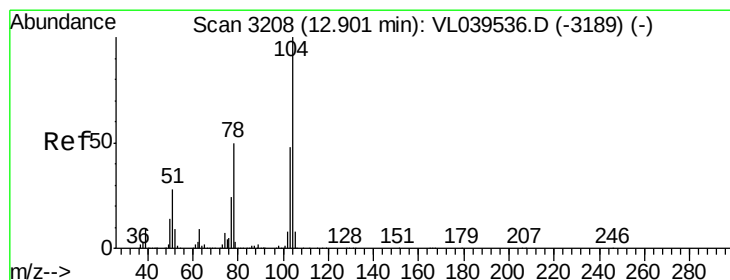
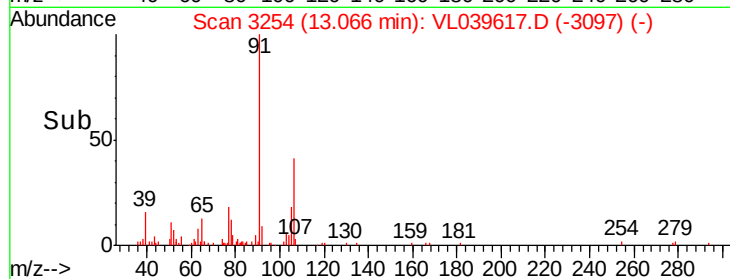
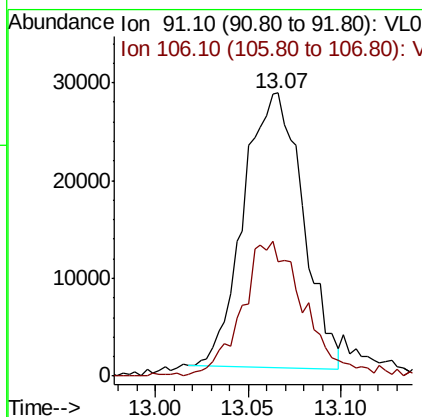
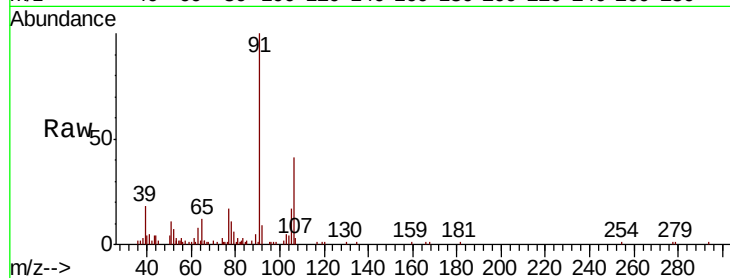
Ion 106.10 (105.80 to 106.80): V





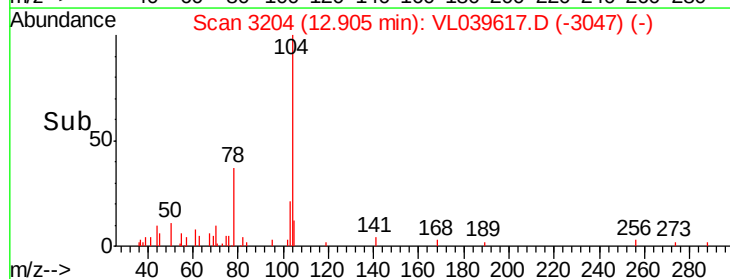
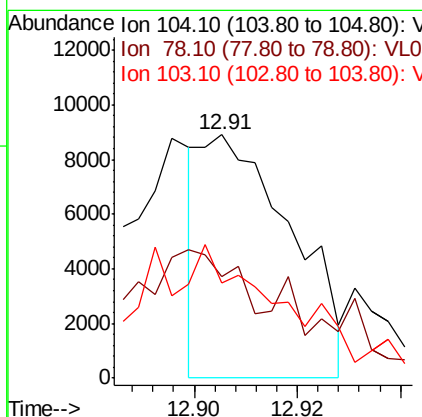
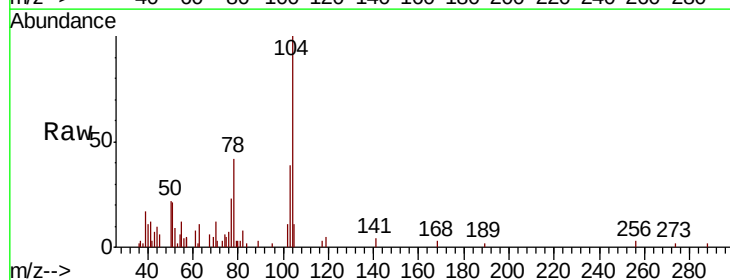
#60
o-Xylene
Concen: 0.284 ppbv
RT: 13.07 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 7 Sep 2022 13:31

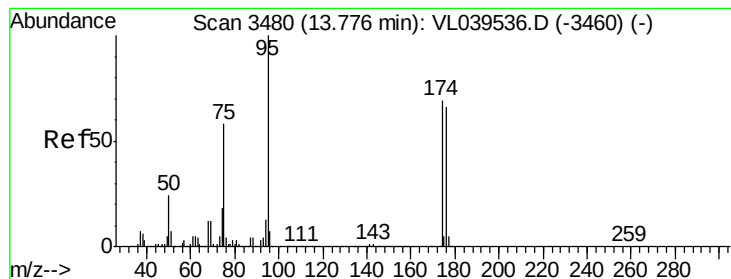
Tot Ion: 91 Resp: 62439
Ion Ratio Lower Upper
91 100
106 52.6 22.4 67.3



#61
Styrene
Concen: 0.093 ppbv
RT: 12.91 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VL039617.D
Acq: 7 Sep 2022 13:31

Tgt Ion: 104 Resp: 10862
Ion Ratio Lower Upper
104 100
78 119.1 41.2 61.8#
103 101.6 38.7 58.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.004 ppbv

RT: 13.78

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 13:31

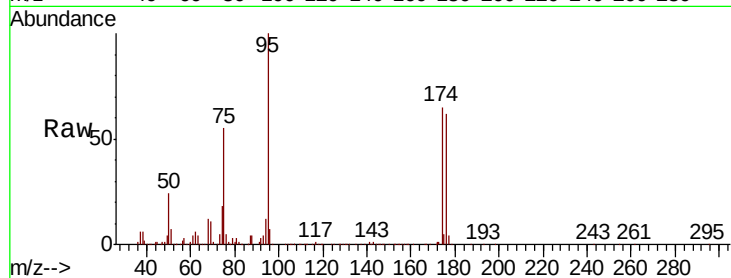
Tot Ion: 95 Resp: 1679092

Ion Ratio Lower Upper

95 100

174 72.5 55.9 83.9

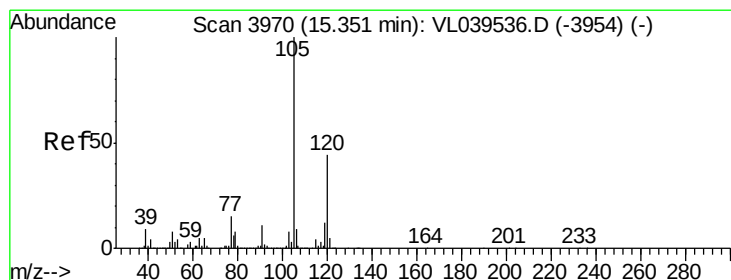
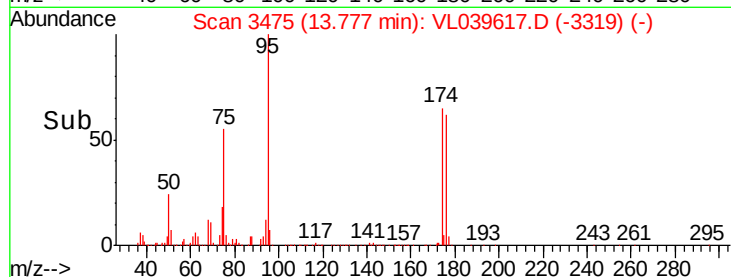
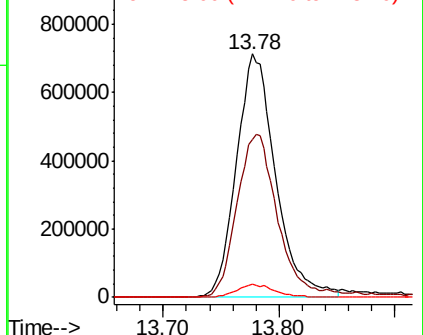
175 5.3 4.2 6.4



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



#73

1,3,5-Trimethylbenzene

Concen: 0.035 ppbv

RT: 15.35 min Scan# 3965

Delta R.T. 0.00 min

Lab File: VL039617.D

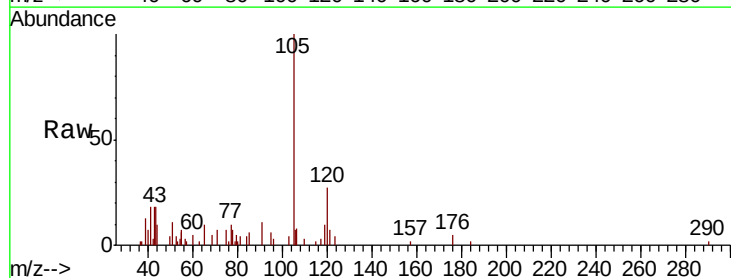
Acq: 7 Sep 2022 13:31

Tgt Ion:105 Resp: 8302

Ion Ratio Lower Upper

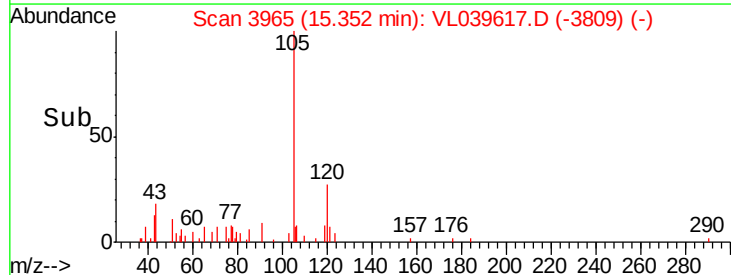
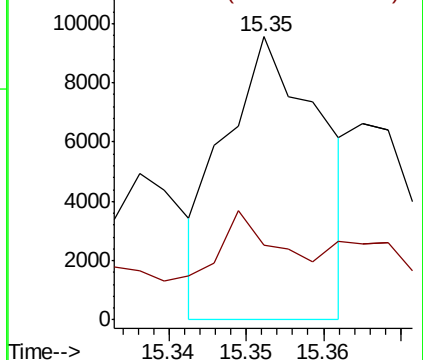
105 100

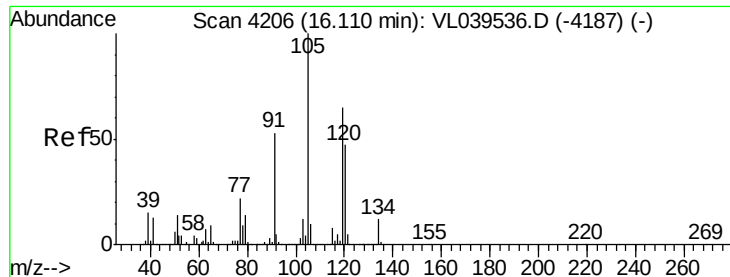
120 24.7 38.2 57.4#



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: 0.229 ppbv

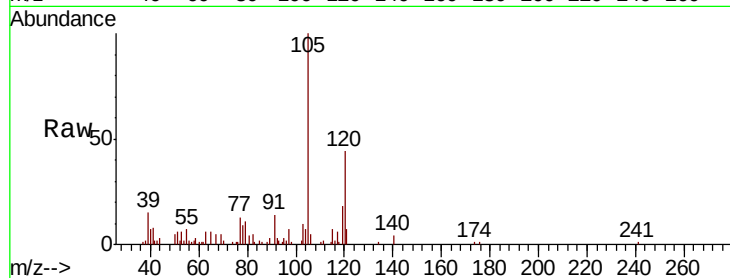
RT: 16.12

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 7 Sep 2022 13:31

Tot Ion:	105	Resp:	60096
Ion	Ratio	Lower	Upper
105	100		
120	43.7	39.5	59.3
91	10.5	39.2	58.8#
77	10.8	17.2	25.8#



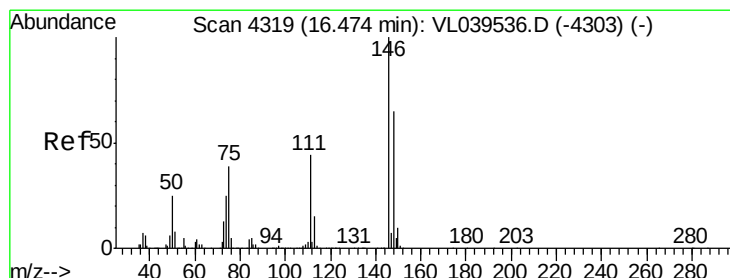
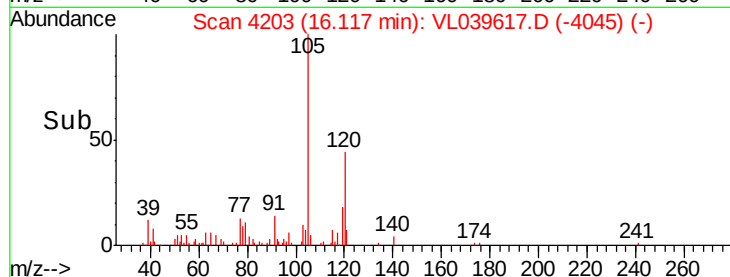
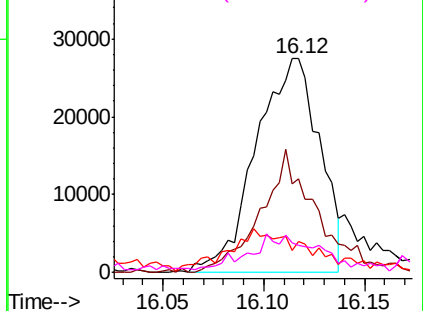
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#76

1,4-Dichlorobenzene

Concen: 0.040 ppbv

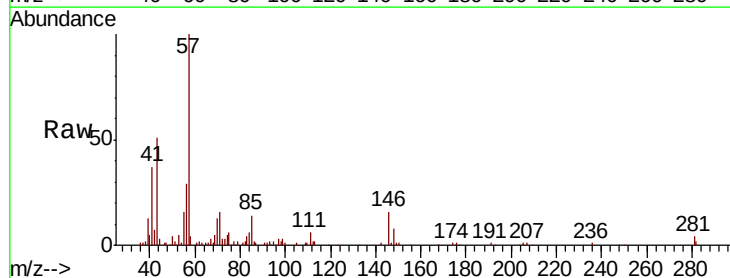
RT: 16.48 min Scan# 4316

Delta R.T. 0.01 min

Lab File: VL039617.D

Acq: 7 Sep 2022 13:31

Tgt Ion:	146	Resp:	6287
Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	197.6	33.6	100.8#

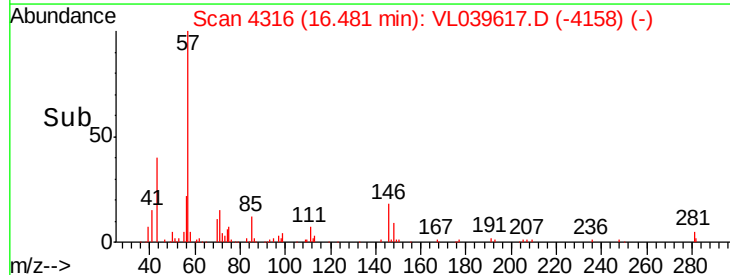
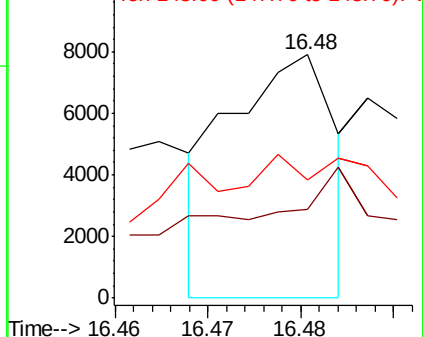


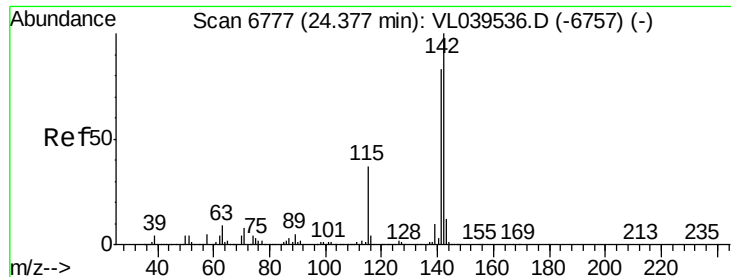
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

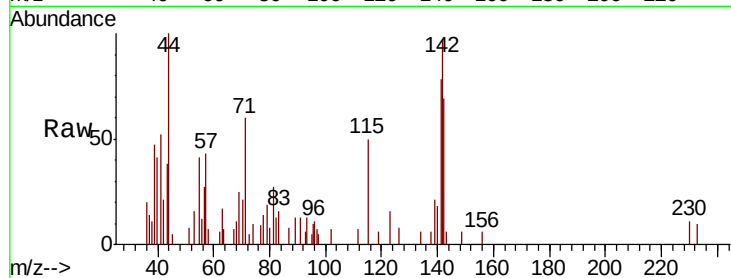
Ion 148.00 (147.70 to 148.70): V





#80
 Naphthalene, 2-methyl-
 Concen: 0.156 ppbv
 RT: 24.39
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 7 Sep 2022 15:31

Tot Ion	Ratio	Lower	Upper
142	100		
141	68.4	68.9	103.3#
115	36.1	30.0	45.0



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

