

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060122\
 Data File : VL039146.D
 Acq On : 1 Jun 2022 13:47
 Operator : SY/AP
 Sample : N3106-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA1

Quant Time: Jun 02 00:37:06 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

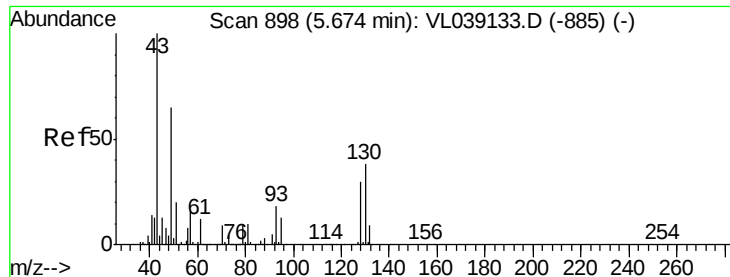
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1133301	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2712766	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2392024	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2018289	10.21	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	53827	0.270	ppbv	95
3) Chlorodifluoromethane	2.97	51	1212298	8.407	ppbv #	58
4) Chloromethane	3.15	50	26992	0.364	ppbv #	88
9) Propene	3.21	41	2715419	43.187	ppbv	95
10) Heptane	8.12	43	16105	0.110	ppbv #	50
11) Trichlorofluoromethane	3.95	101	27208	0.151	ppbv	90
12) 1,1,2-Trichlorotrifluoroet	4.49	101	8511	0.071	ppbv	93
13) Ethanol	3.60	45	2456403	716.363	ppbv #	100
15) Acetone	3.85	43	3004157	25.447	ppbv	97
16) 1,3-Butadiene	3.36	39	1629810	25.682	ppbv #	10
17) tert-Butyl alcohol	3.96	59	162355	1.773	ppbv	100
19) Isopropyl Alcohol	3.97	45	4373579	78.988	ppbv	99
20) Methylene Chloride	4.35	84	491226	9.874	ppbv	96
21) Allyl Chloride	4.34	41	5741	0.072	ppbv #	21
23) Vinyl Acetate	5.06	43	71482	0.732	ppbv #	48
25) Ethyl Acetate	5.68	43	650516	2.445	ppbv #	95
26) Hexane	5.69	57	454217	3.885	ppbv #	66
29) Chloroform	5.75	83	10673	0.054	ppbv #	71
30) Cyclohexane	7.13	84	64017	0.652	ppbv	85
31) cis-1,2-Dichloroethene	5.68	61	39313	0.330	ppbv #	29
34) 2-Butanone	5.25	43	463135	3.142	ppbv	100
35) Carbon Tetrachloride	7.02	117	8416	0.043	ppbv #	92
36) Benzene	6.89	78	216834	0.985	ppbv	96
37) 1,2-Dichloroethane	6.31	62	866582	5.979	ppbv	98
39) 1,2-Dichloropropane	7.18	63	733063	8.368	ppbv #	25
41) Tetrahydrofuran	6.05	42	203752	2.299	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	35432	0.092	ppbv #	33
50) 4-Methyl-2-Pentanone	8.75	43	10847	0.049	ppbv #	72
52) Tetrachloroethene	11.22	164	2789	0.032	ppbv #	66
53) Toluene	9.81	91	739361	2.915	ppbv	98
58) Ethyl Benzene	13.00	91	38256	0.116	ppbv	96
59) m/p-Xylene	12.98	91	50646	0.175	ppbv #	33
60) o-Xylene	13.69	91	98820	0.362	ppbv	93
72) 4-Ethyltoluene	15.83	105	17986	0.056	ppbv #	48
73) 1,3,5-Trimethylbenzene	15.99	105	13711	0.048	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.75	105	39276	0.122	ppbv #	68
75) 1,3-Dichlorobenzene	17.13	146	531977	2.922	ppbv	97
76) 1,4-Dichlorobenzene	17.13	146	531977	2.929	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: IA1

Acq: 1 Jun 2022 13:47

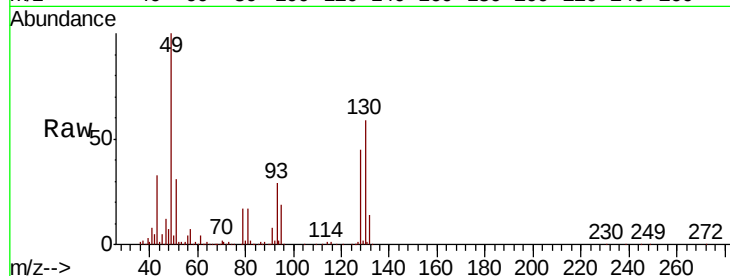
Tot Ion: 49 Resp: 1133301

Ion	Ratio	Lower	Upper
49	100		
128	48.1	24.7	74.1
130	62.0	31.4	94.0

49 100

128 48.1 24.7 74.1

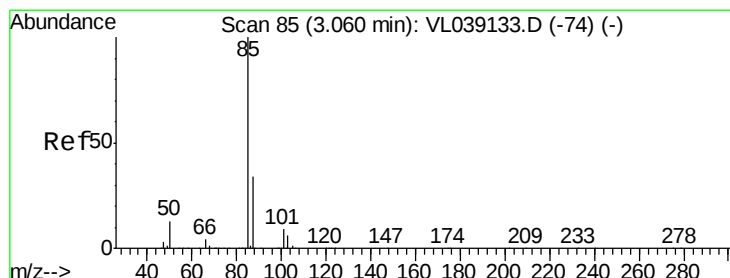
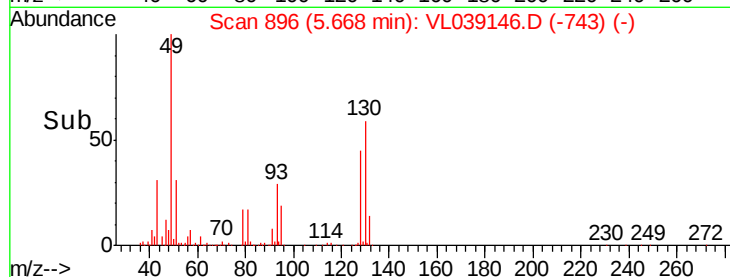
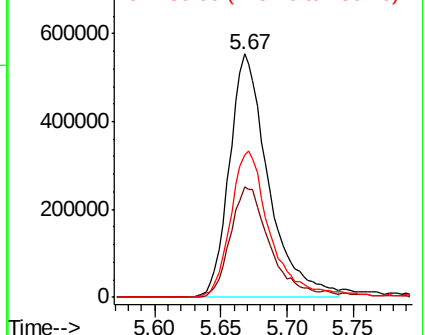
130 62.0 31.4 94.0



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: 0.270 ppbv

RT: 3.06 min Scan# 84

Delta R.T. -0.00 min

Lab File: VL039146.D

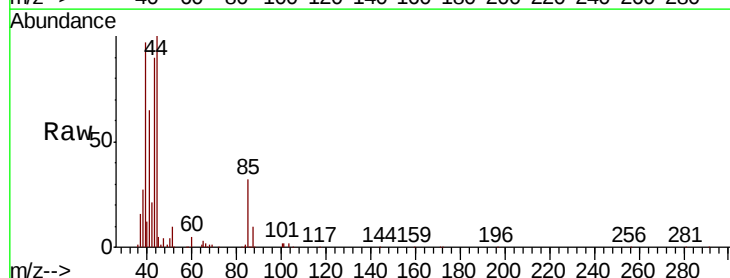
Acq: 1 Jun 2022 13:47

Tgt Ion: 85 Resp: 53827

Ion	Ratio	Lower	Upper
85	100		
87	30.8	26.9	40.3

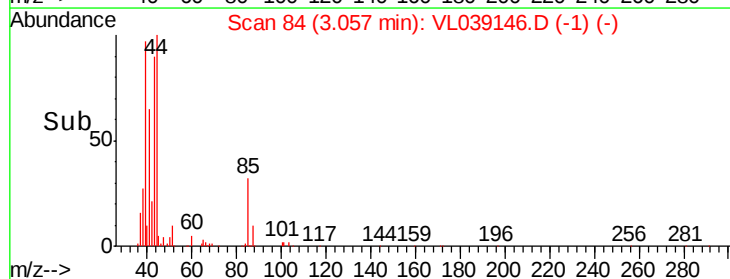
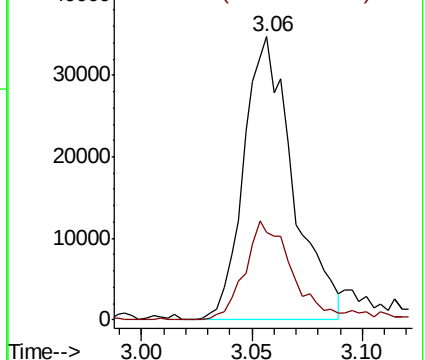
85 100

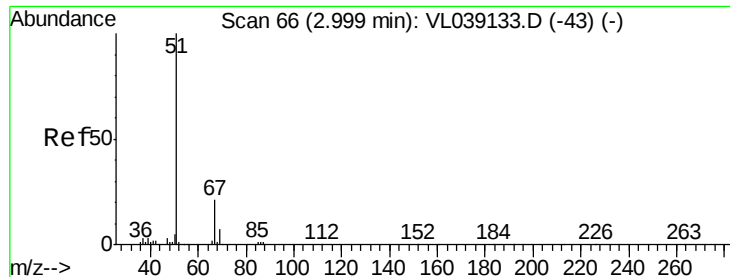
87 30.8 26.9 40.3



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 8.407 ppbv

RT: 2.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

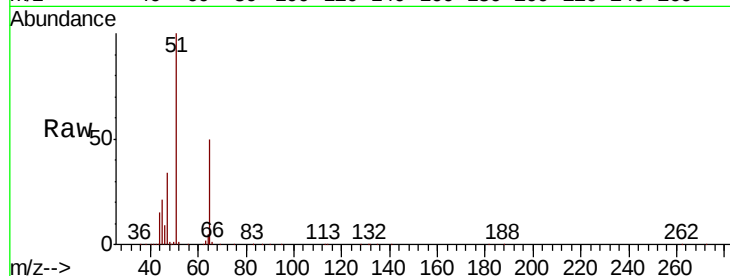
Acq: 1 Jun 2022 13:47

Tot Ion: 51 Resp: 1212298

Ion Ratio Lower Upper

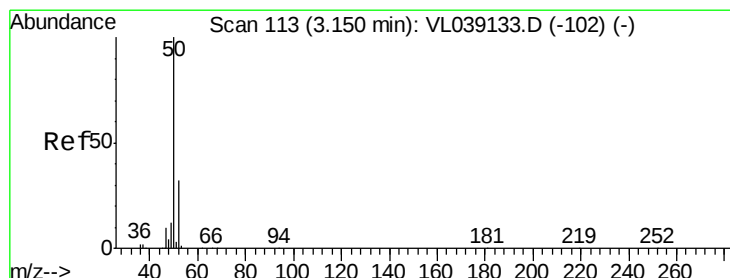
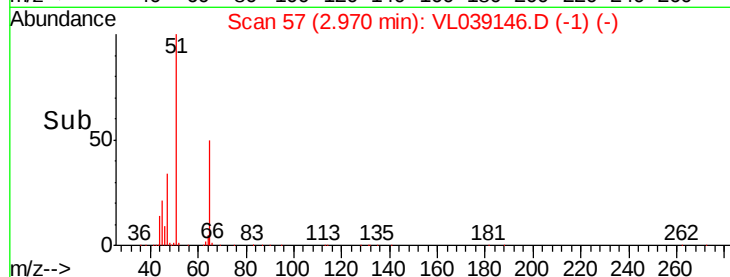
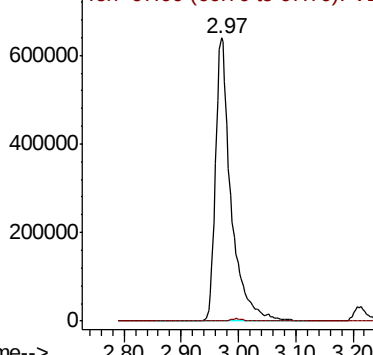
51 100

67 0.9 16.2 24.4#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.364 ppbv

RT: 3.15 min Scan# 113

Delta R.T. -0.00 min

Lab File: VL039146.D

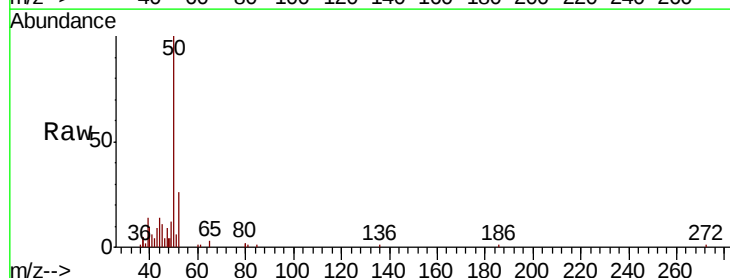
Acq: 1 Jun 2022 13:47

Tgt Ion: 50 Resp: 26992

Ion Ratio Lower Upper

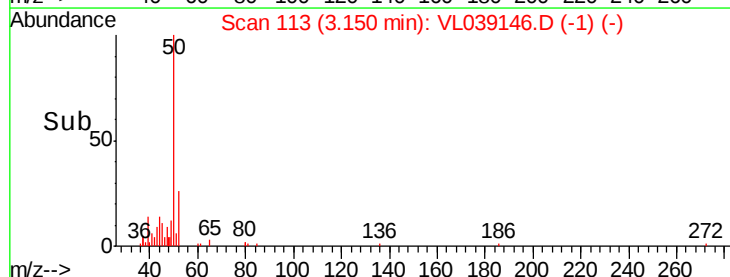
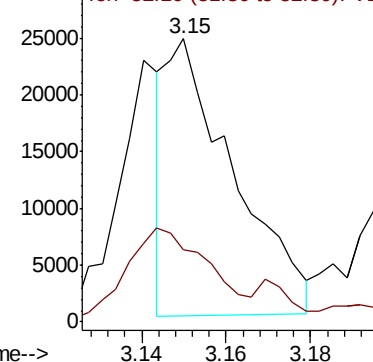
50 100

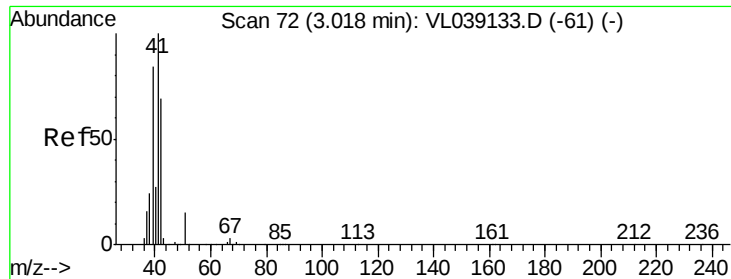
52 25.5 25.9 38.9#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 43.187 ppbv

RT: 3.21 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

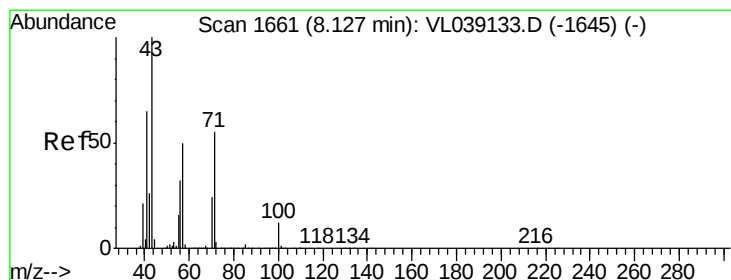
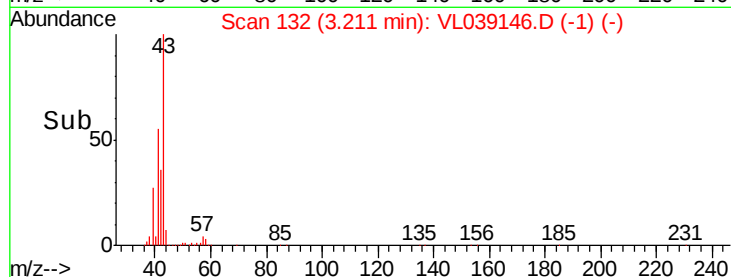
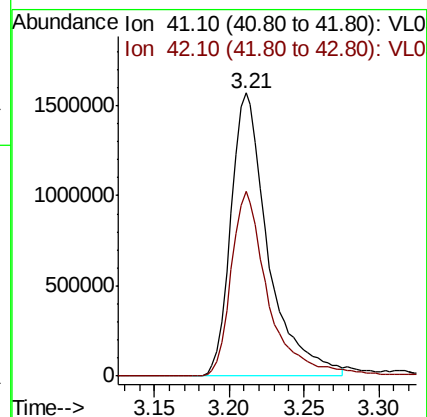
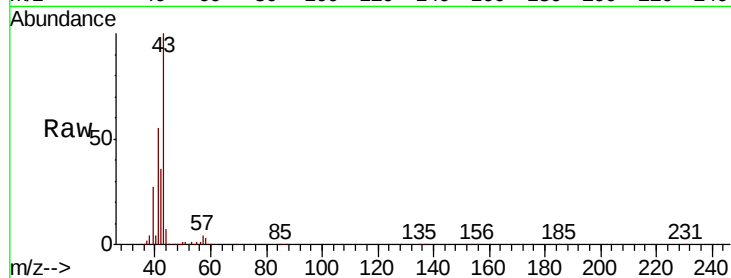
Acq: 1 Jun 2022 13:47

Tot Ion: 41 Resp: 2715419

Ion Ratio Lower Upper

41 100

42 65.4 55.4 83.2



#10

Heptane

Concen: 0.110 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL039146.D

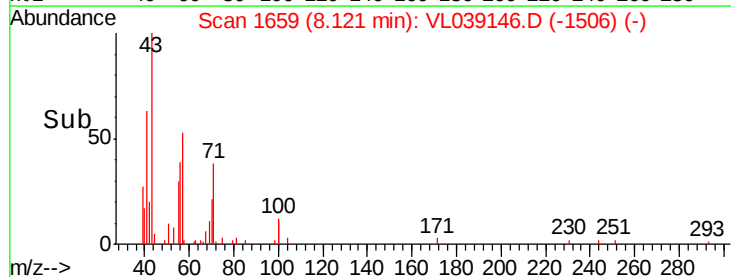
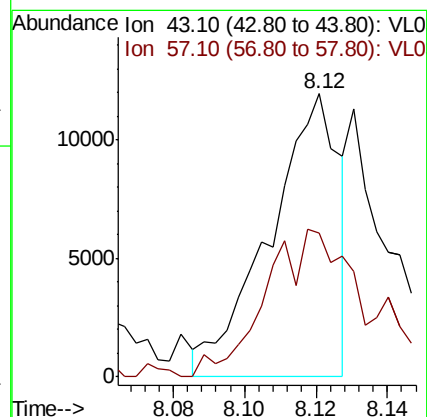
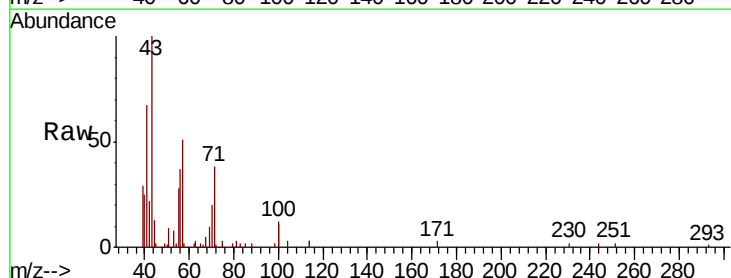
Acq: 1 Jun 2022 13:47

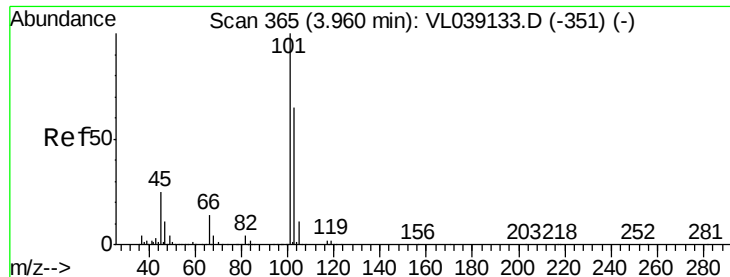
Tgt Ion: 43 Resp: 16105

Ion Ratio Lower Upper

43 100

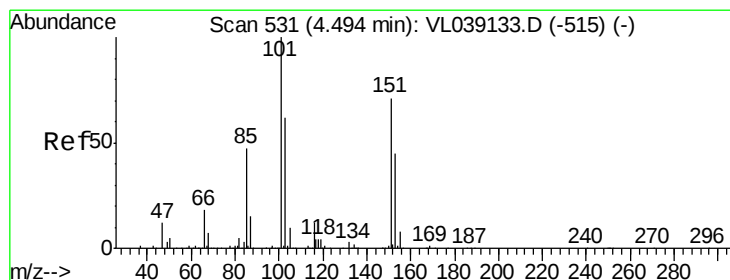
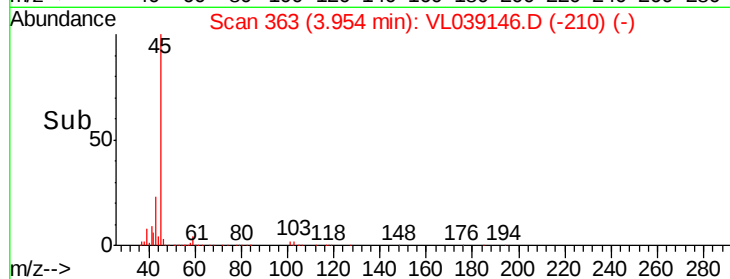
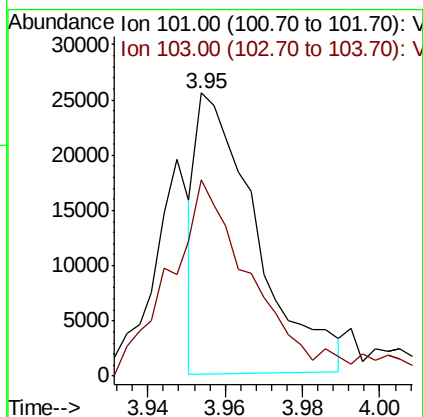
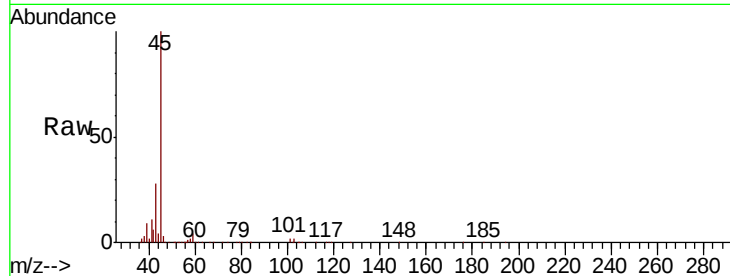
57 86.9 41.4 62.2#





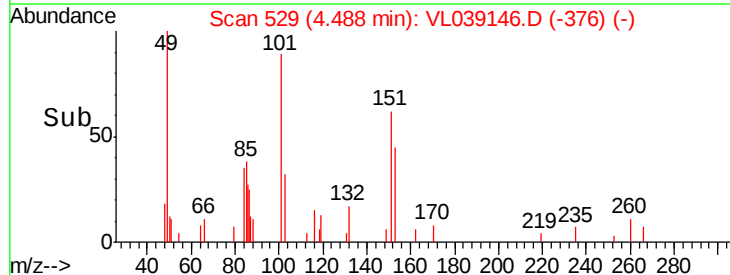
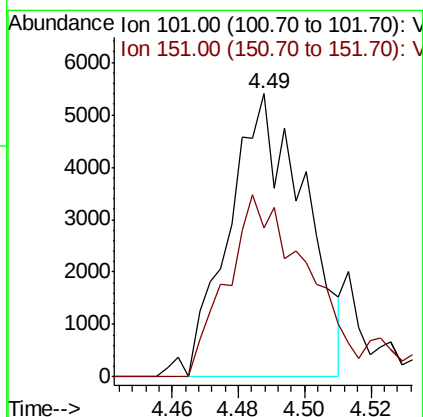
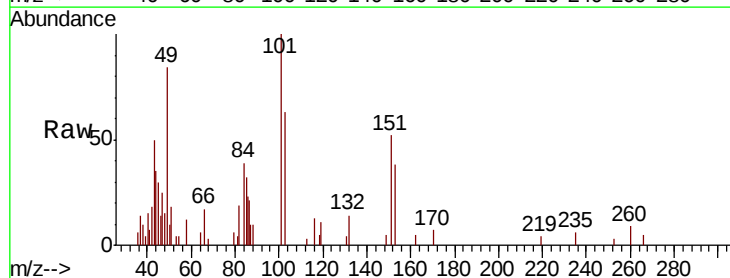
#11
 Trichlorofluoromethane
 Concen: 0.151 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

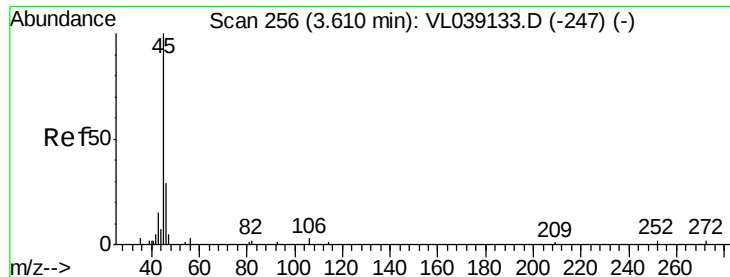
Tot Ion:101 Resp: 27208
 Ion Ratio Lower Upper
 101 100
 103 72.4 51.7 77.5



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.071 ppbv
 RT: 4.49 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

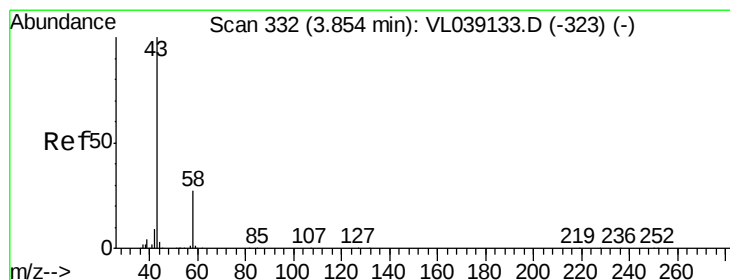
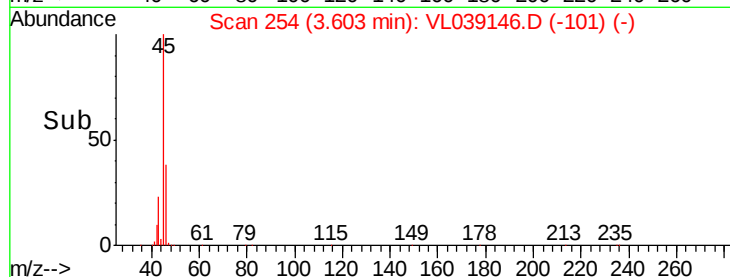
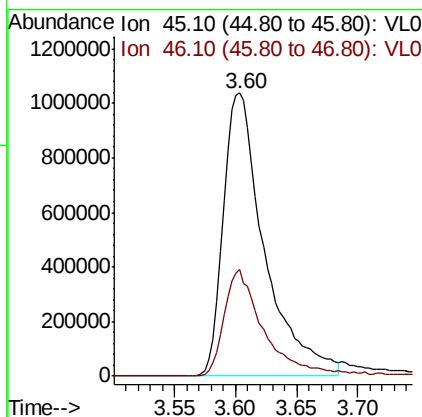
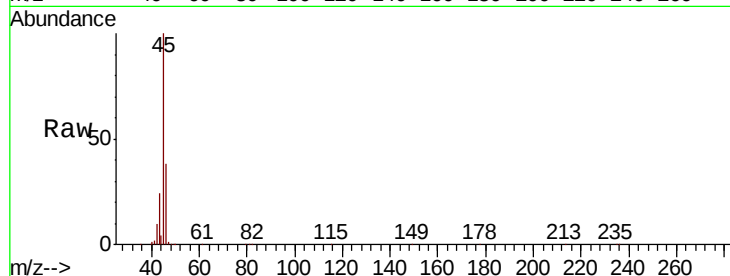
Tgt Ion:101 Resp: 8511
 Ion Ratio Lower Upper
 101 100
 151 79.9 59.4 89.0





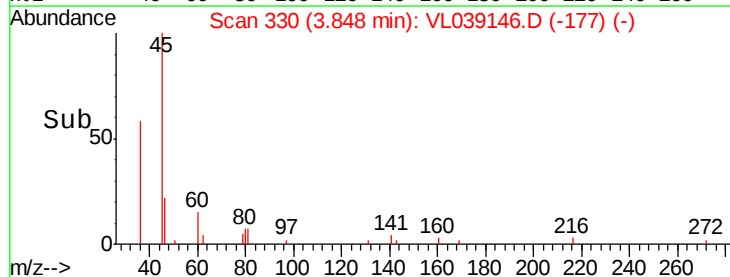
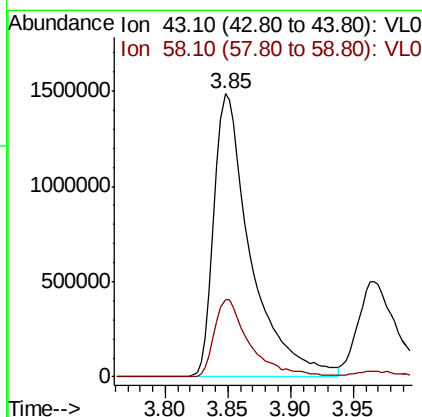
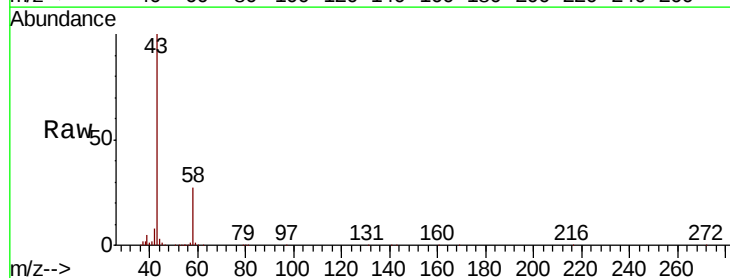
#13
Ethanol
Concen: 716.363 ppbv
RT: 3.60
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

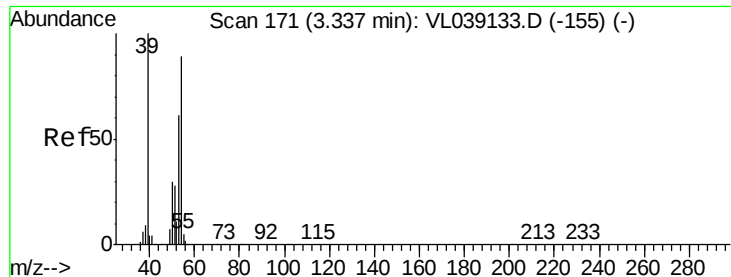
Tot Ion: 45 Resp: 2456403
Ion Ratio Lower Upper
45 100
46 37.3 0.0 0.0#



#15
Acetone
Concen: 25.447 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.01 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

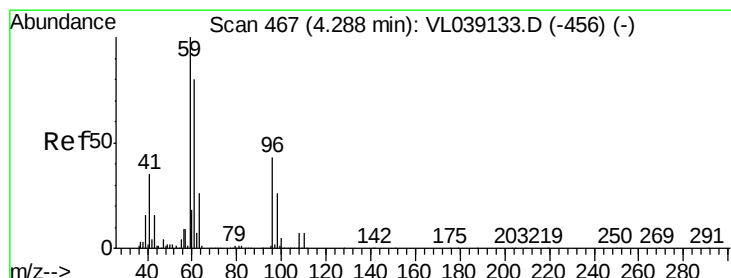
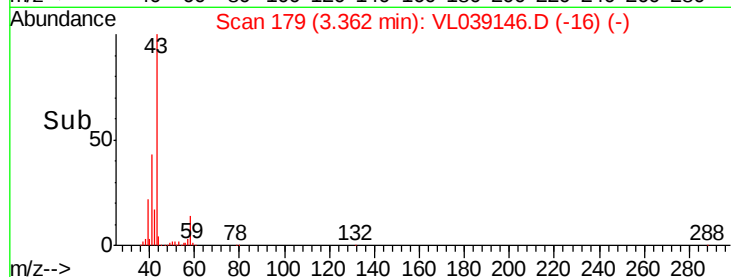
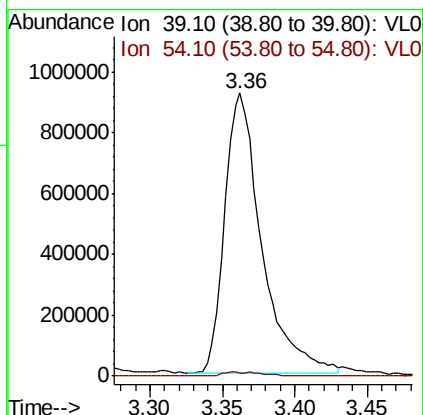
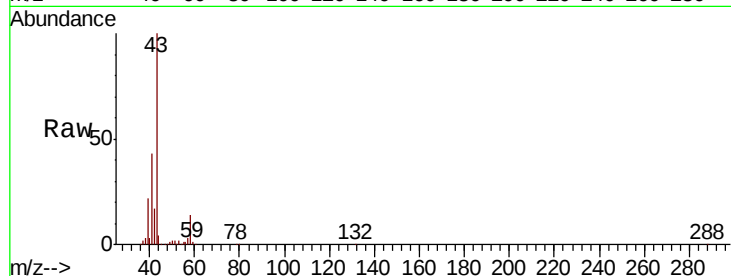
Tgt Ion: 43 Resp: 3004157
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7





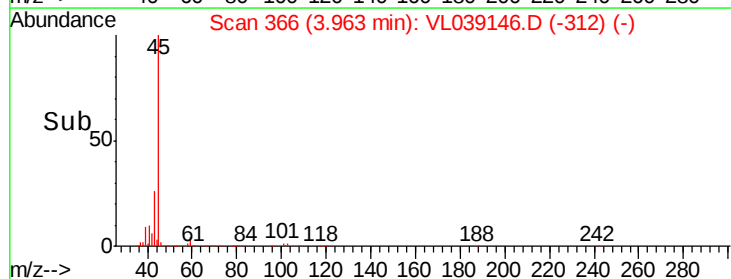
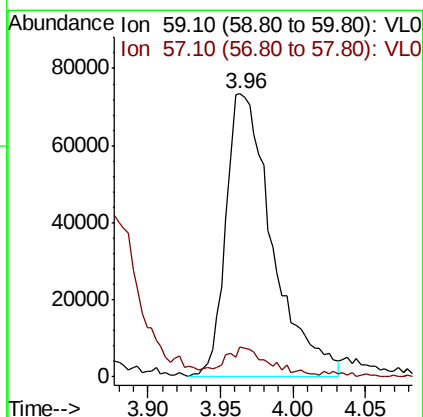
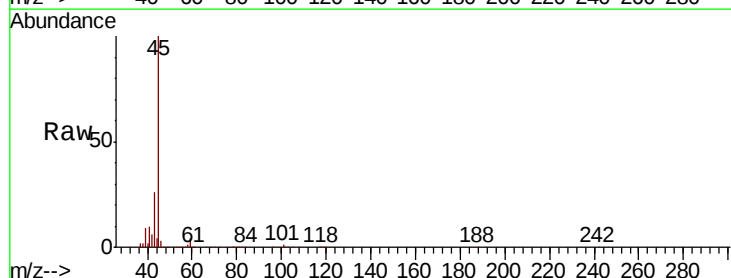
#16
 1,3-Butadiene
 Concen: 25.682 ppbv
 RT: 3.36
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

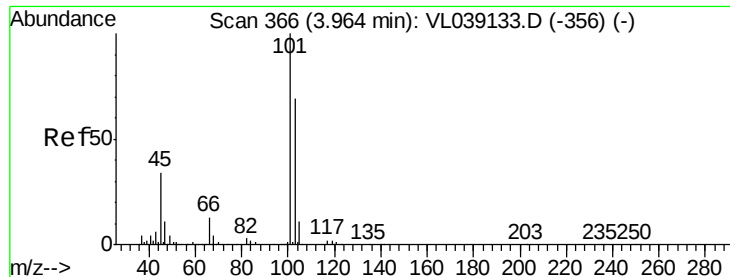
Tot Ion: 39 Resp: 1629810
 Ion Ratio Lower Upper
 39 100
 54 1.9 65.8 98.6#



#17
 tert-Butyl alcohol
 Concen: 1.773 ppbv
 RT: 3.96 min Scan# 366
 Delta R.T. -0.32 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

Tgt Ion: 59 Resp: 162355
 Ion Ratio Lower Upper
 59 100
 57 11.6 9.1 13.7





#19

Isopropyl Alcohol

Concen: 78.988 ppbv

RT: 3.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

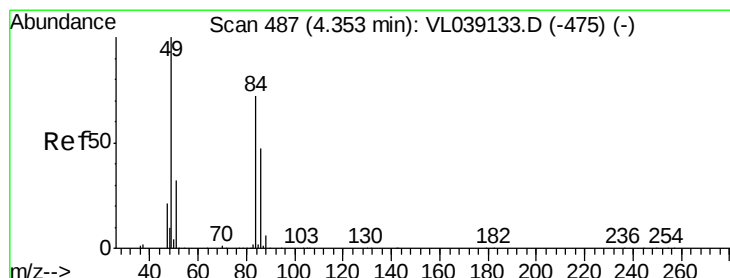
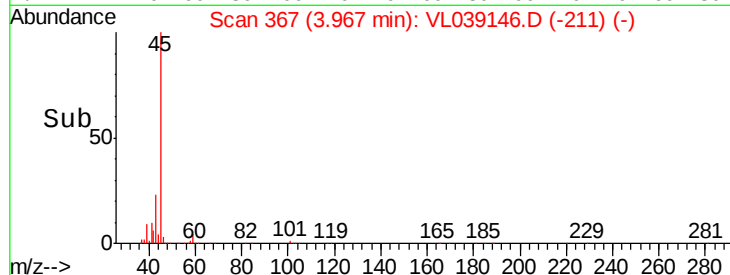
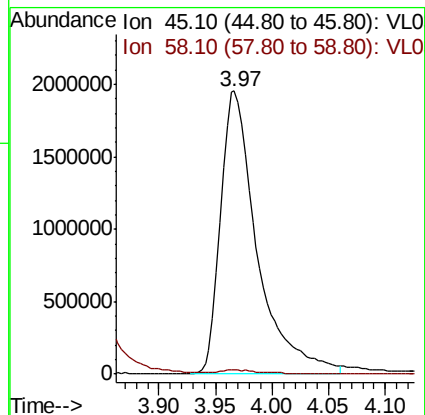
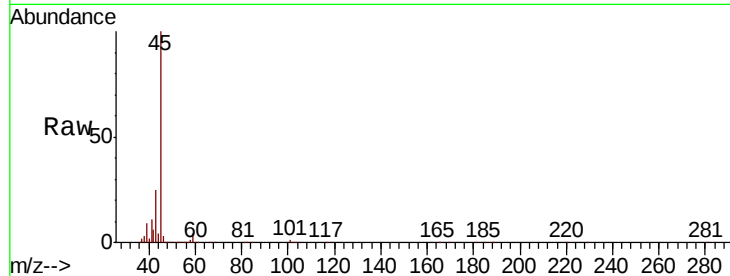
Acq: 1 Jun 2022 13:47

Tot Ion: 45 Resp: 4373579

Ion Ratio Lower Upper

45 100

58 1.9 1.8 2.8



#20

Methylene Chloride

Concen: 9.874 ppbv

RT: 4.35 min Scan# 486

Delta R.T. -0.00 min

Lab File: VL039146.D

Acq: 1 Jun 2022 13:47

Tgt Ion: 84 Resp: 491226

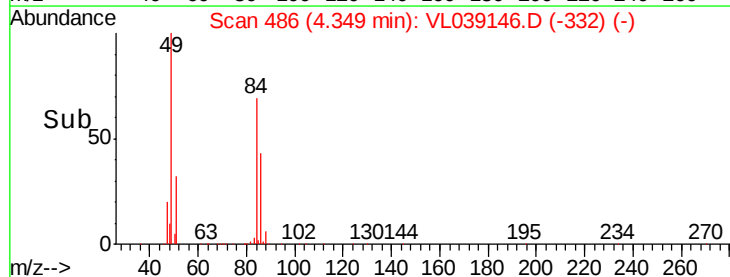
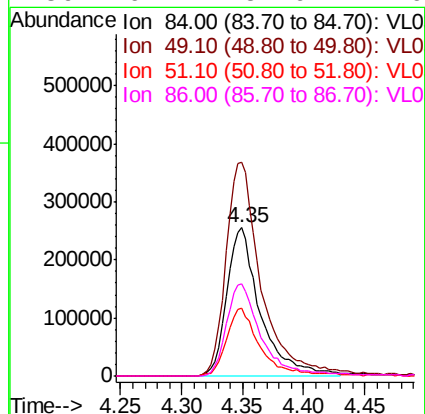
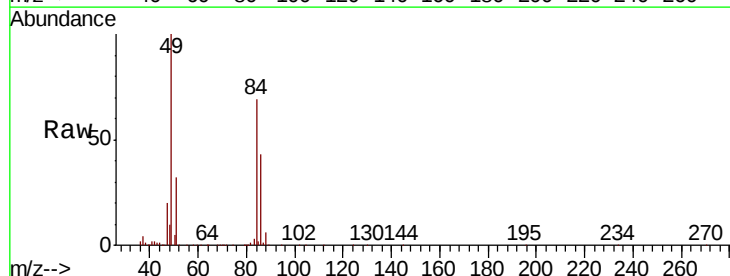
Ion Ratio Lower Upper

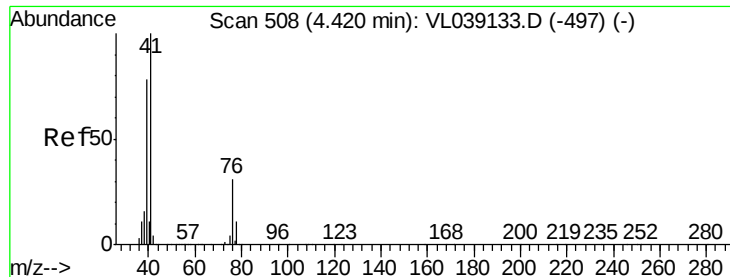
84 100

49 144.1 111.1 166.7

51 45.8 35.3 52.9

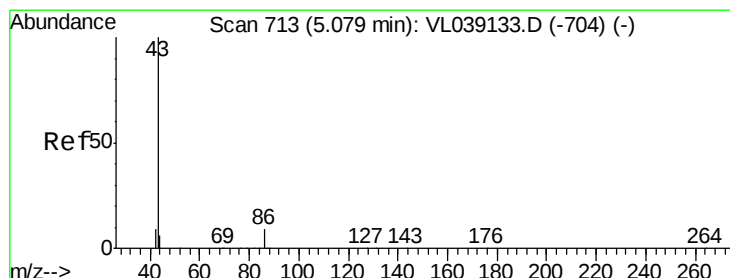
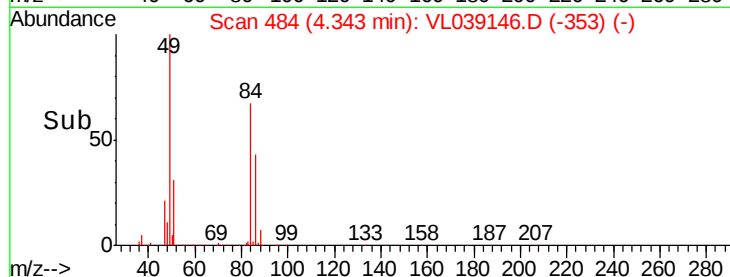
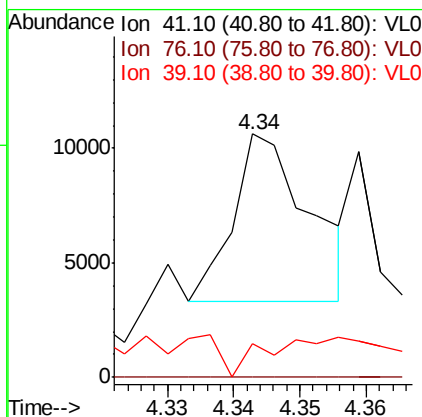
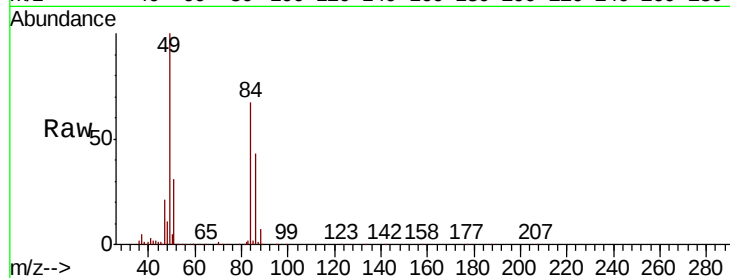
86 62.4 51.9 77.9





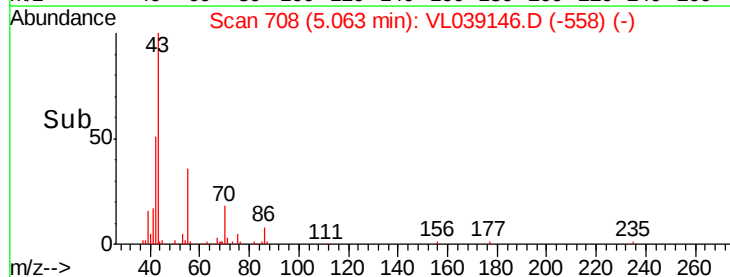
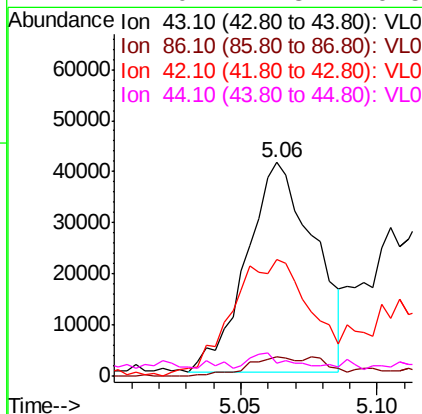
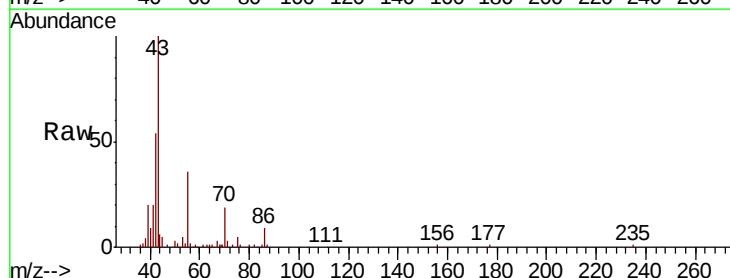
#21
Allvl Chloride
Concen: 0.072 ppbv
RT: 4.34
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

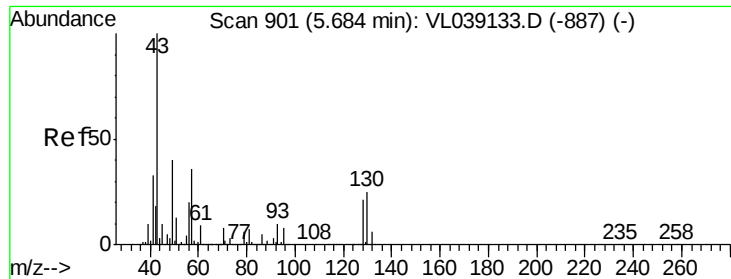
Tot Ion	Ratio	Lower	Upper
41	100		
76	2.4	24.2	36.2#
39	0.0	62.2	93.2#



#23
Vinyl Acetate
Concen: 0.732 ppbv
RT: 5.06 min Scan# 708
Delta R.T. -0.02 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

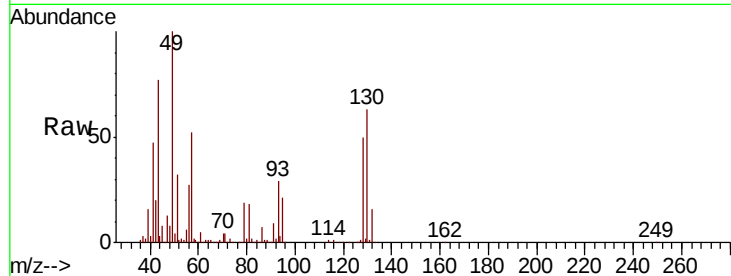
Tgt Ion	Ratio	Lower	Upper
43	100		
86	8.9	6.0	9.0
42	51.3	8.2	12.4#
44	2.0	4.3	6.5#





#25
Ethyl Acetate
Concen: 2.445 ppbv
RT: 5.68 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

Tot Ion:	43	Resp:	650516
Ion	Ratio	Lower	Upper
43	100		
45	11.6	8.2	12.2
61	7.3	8.4	12.6#
70	5.8	5.6	8.4



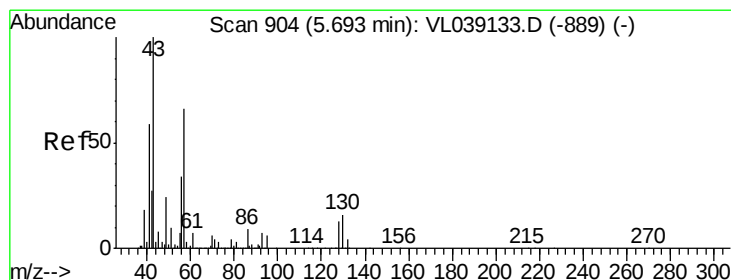
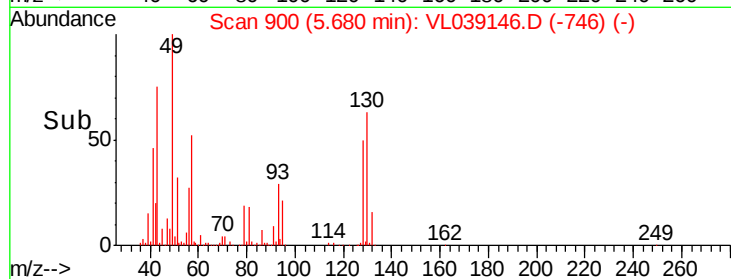
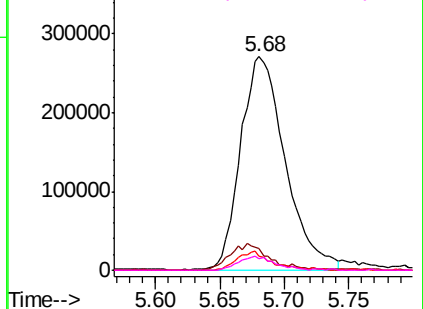
Abundance

Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

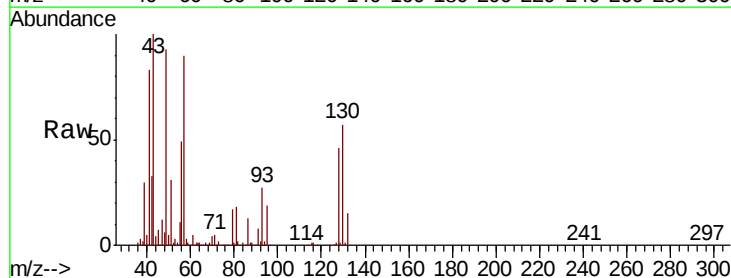
Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0



#26
Hexane
Concen: 3.885 ppbv
RT: 5.69 min Scan# 902
Delta R.T. -0.01 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

Tgt Ion:	57	Resp:	454217
Ion	Ratio	Lower	Upper
57	100		
41	95.9	72.4	108.6
43	147.8	187.0	280.6#
56	55.1	41.8	62.6



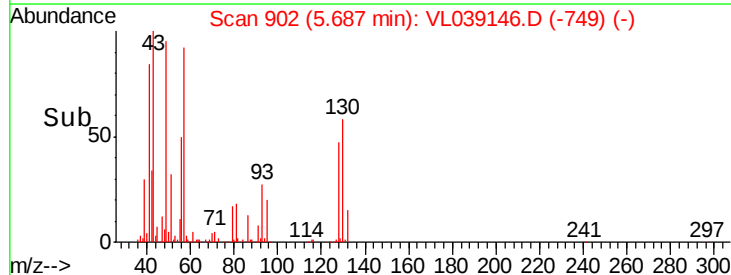
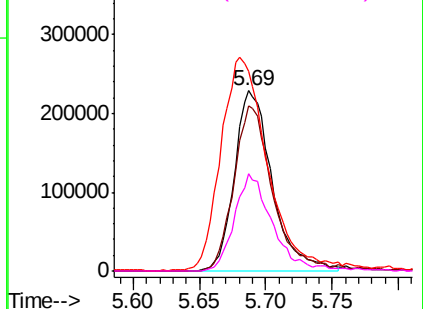
Abundance

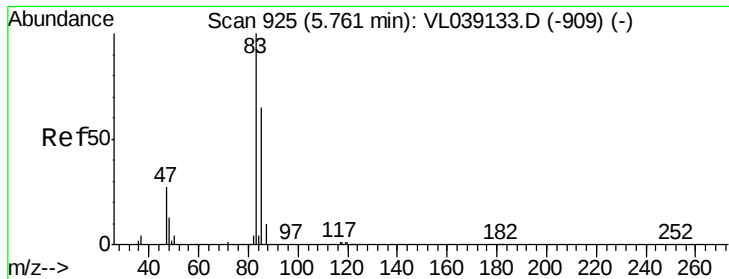
Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

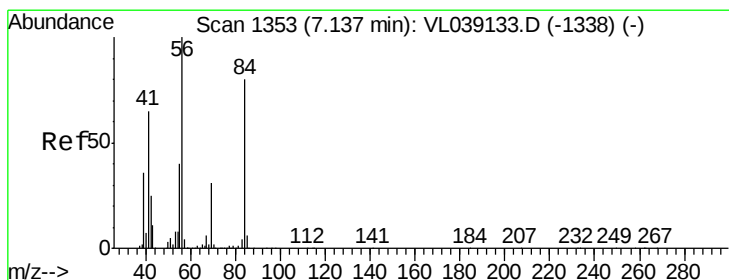
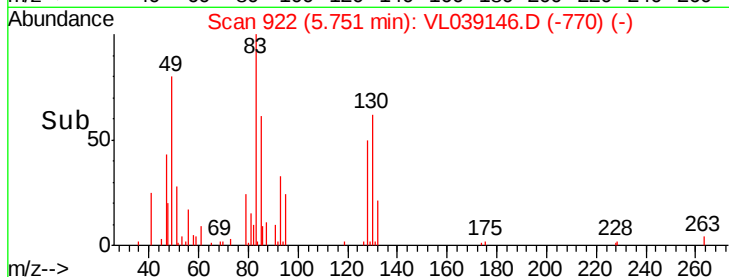
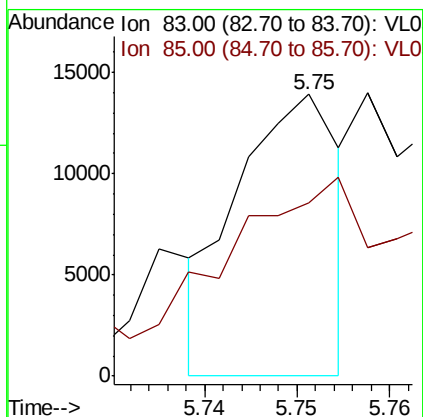
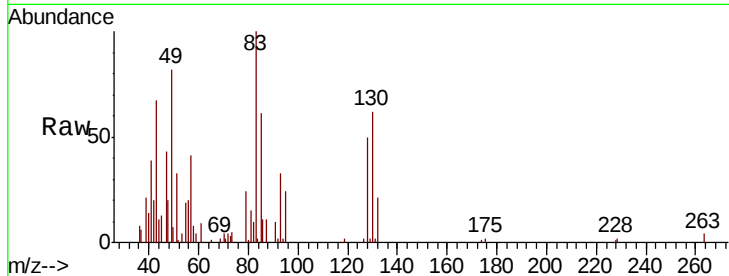
Ion 56.10 (55.80 to 56.80): VL0





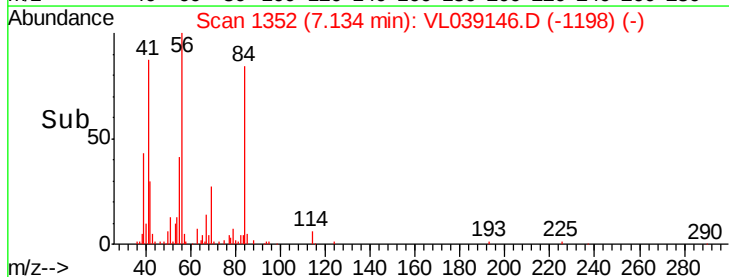
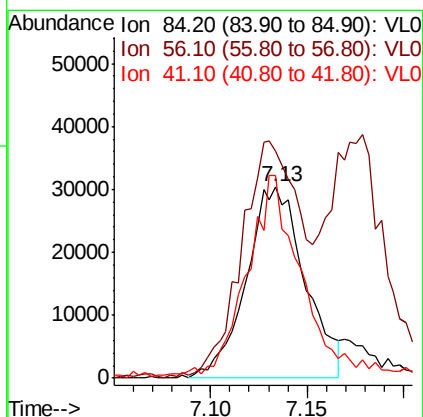
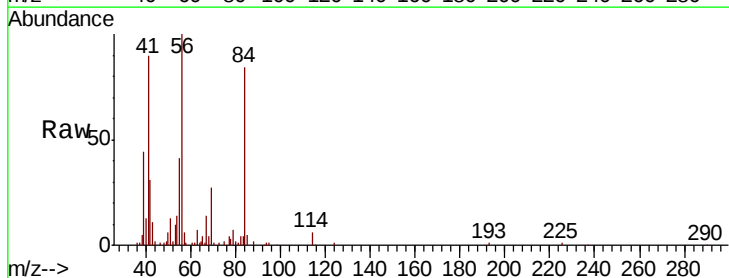
#29
Chloroform
Concen: 0.054 ppbv
RT: 5.75
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

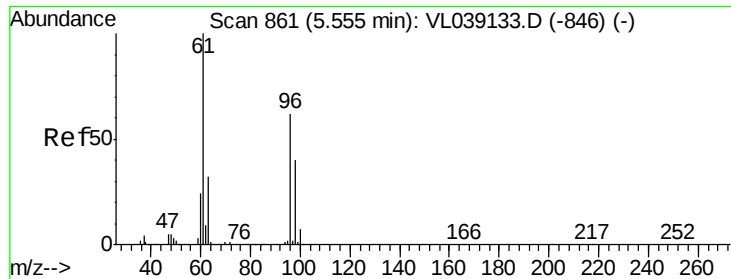
Tot Ion: 83 Resp: 10673
Ion Ratio Lower Upper
83 100
85 42.4 52.4 78.6#



#30
Cyclohexane
Concen: 0.652 ppbv
RT: 7.13 min Scan# 1352
Delta R.T. -0.00 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

Tgt Ion: 84 Resp: 64017
Ion Ratio Lower Upper
84 100
56 118.4 110.6 165.8
41 97.2 68.9 103.3





#31

cis-1,2-Dichloroethene

Concen: 0.330 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: IA1

Acq: 1 Jun 2022 13:47

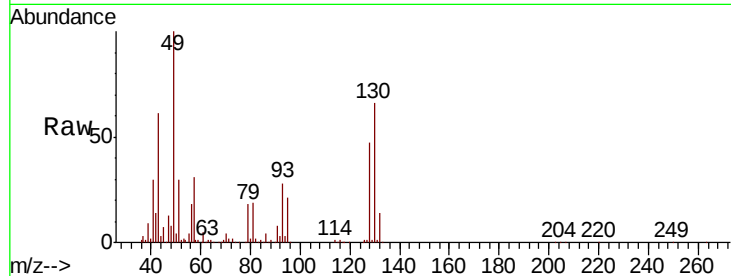
Tot Ion: 61 Resp: 39313

Ion Ratio Lower Upper

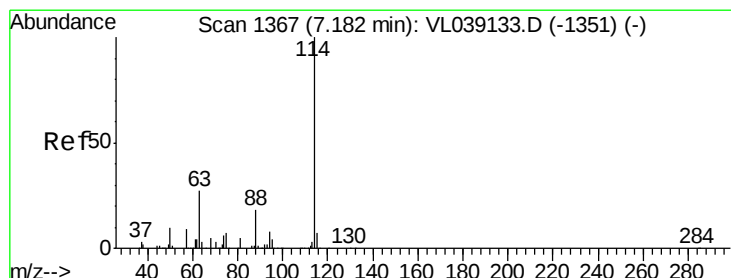
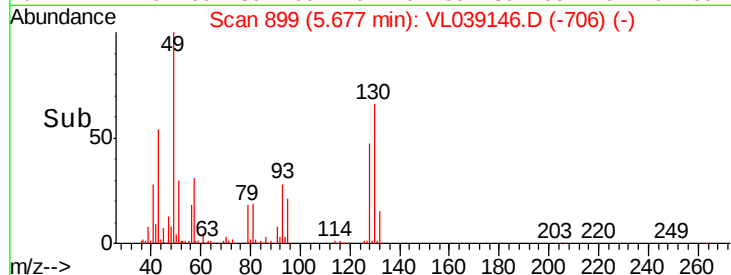
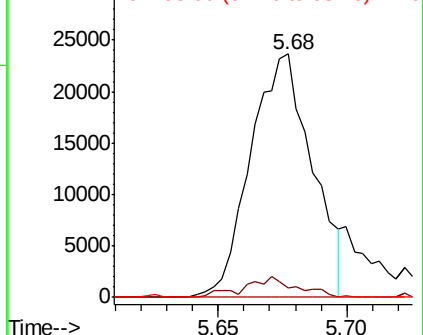
61 100

96 3.9 49.9 74.9#

98 0.0 32.0 48.0#



Abundance Ion 61.10 (60.80 to 61.80): VL0
Ion 96.00 (95.70 to 96.70): VL0
Ion 98.00 (97.70 to 98.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL039146.D

Acq: 1 Jun 2022 13:47

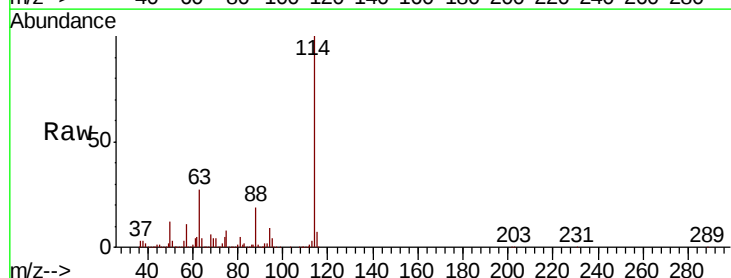
Tgt Ion: 114 Resp: 2712766

Ion Ratio Lower Upper

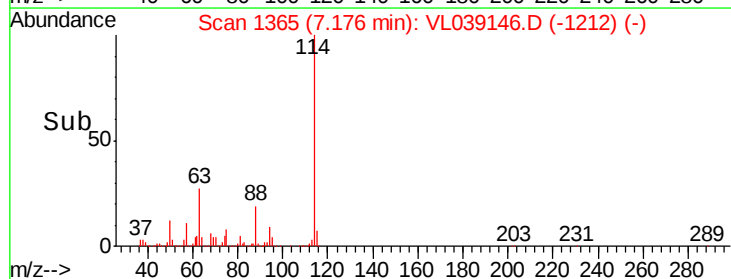
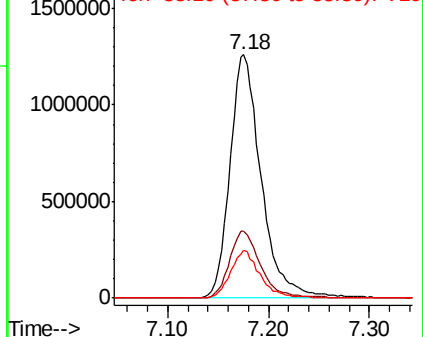
114 100

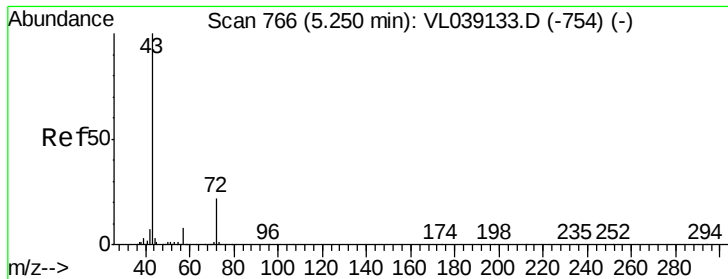
63 28.0 21.7 32.5

88 18.8 14.8 22.2



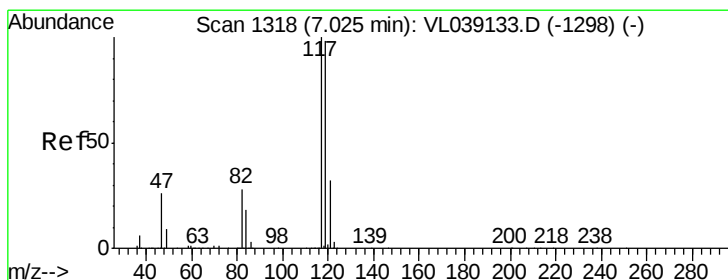
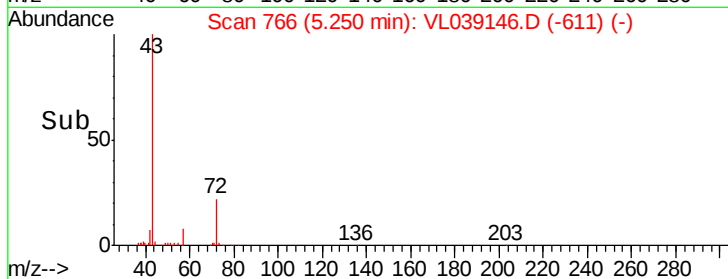
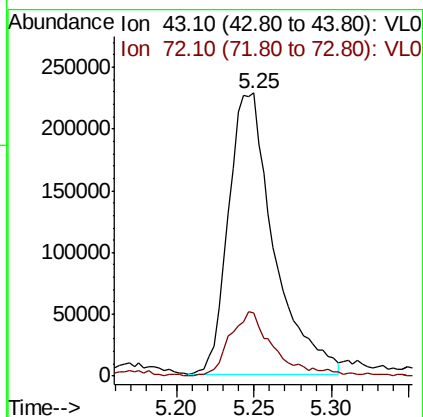
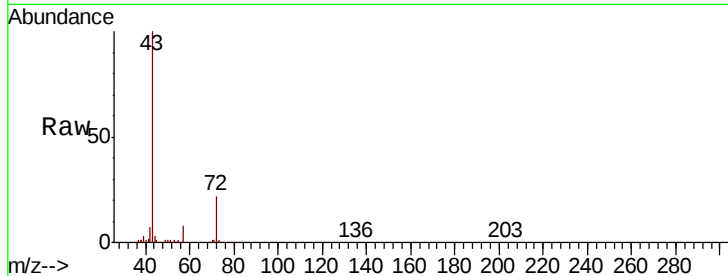
Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0





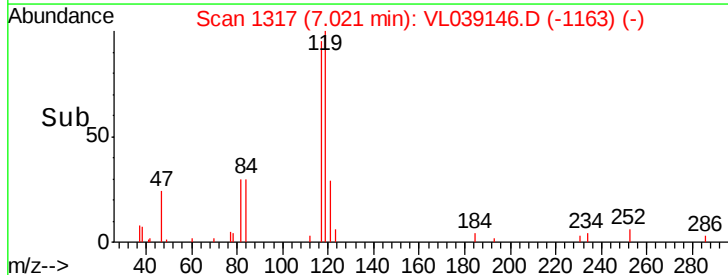
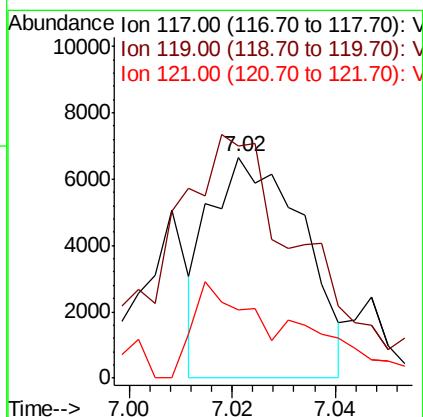
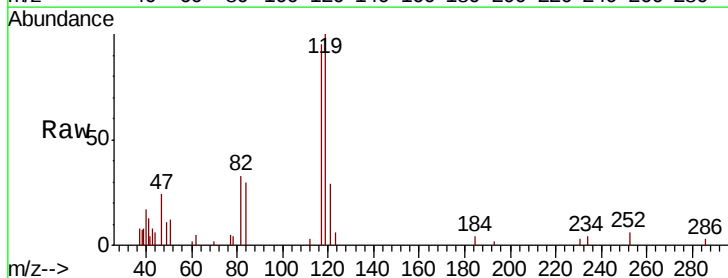
#34
2-Butanone
Concen: 3.142 ppbv
RT: 5.25
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

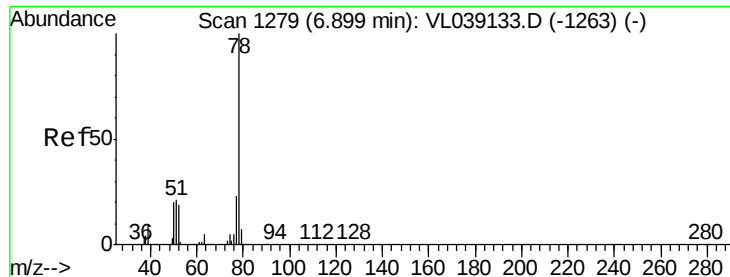
Tot Ion: 43 Resp: 463135
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2



#35
Carbon Tetrachloride
Concen: 0.043 ppbv
RT: 7.02 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

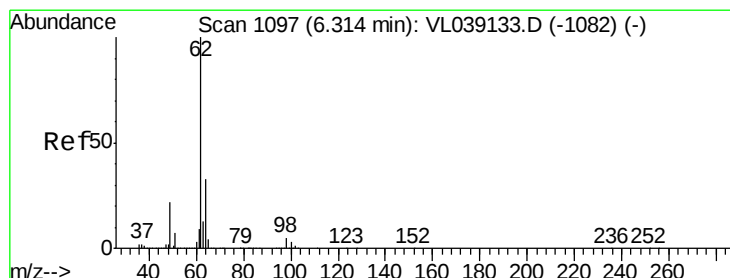
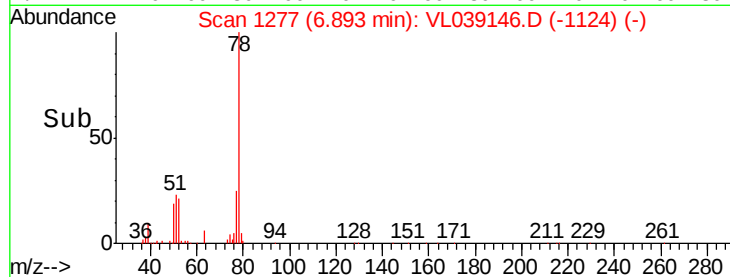
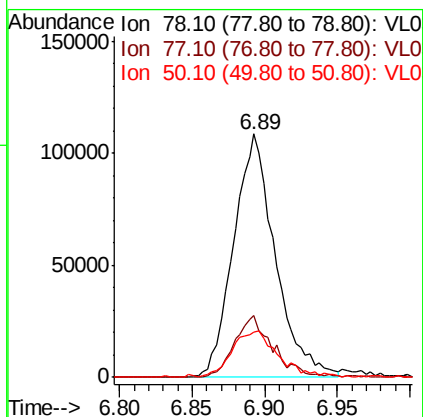
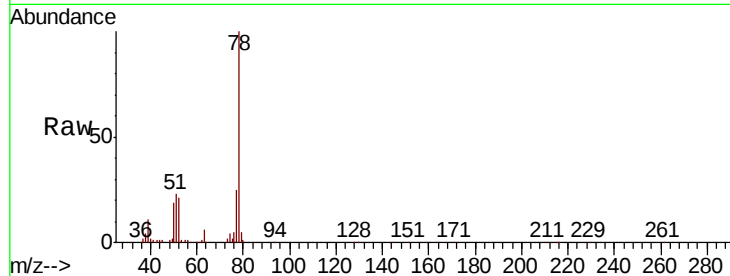
Tgt Ion: 117 Resp: 8416
Ion Ratio Lower Upper
117 100
119 96.8 78.6 118.0
121 16.8 25.4 38.0#





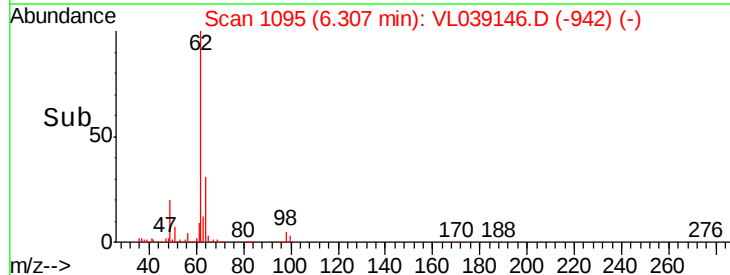
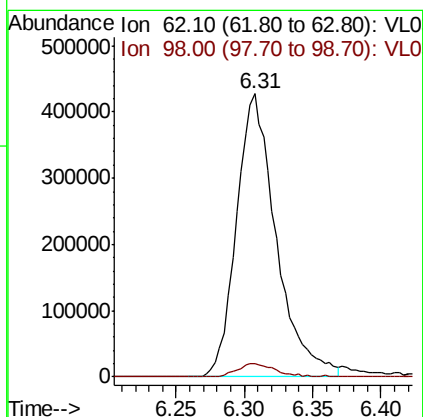
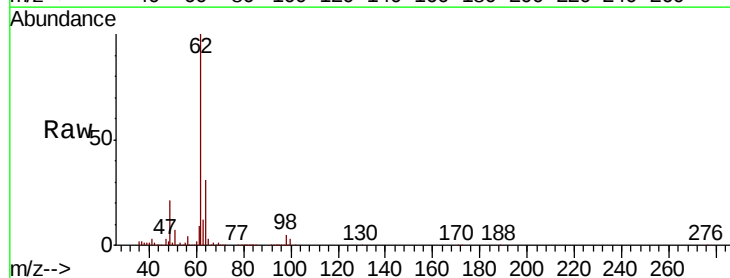
#36
Benzene
Concen: 0.985 ppbv
RT: 6.89
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

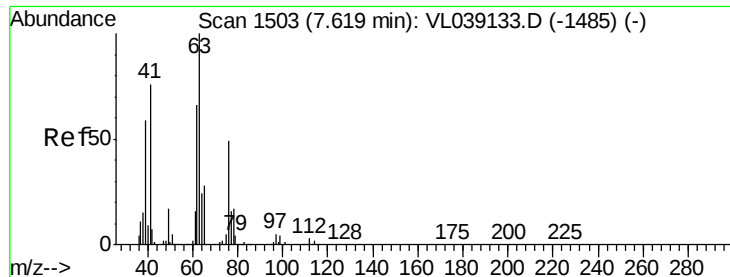
Tot Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.6	27.8
50	18.2	15.8	23.8



#37
1,2-Dichloroethane
Concen: 5.979 ppbv
RT: 6.31 min Scan# 1095
Delta R.T. -0.01 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

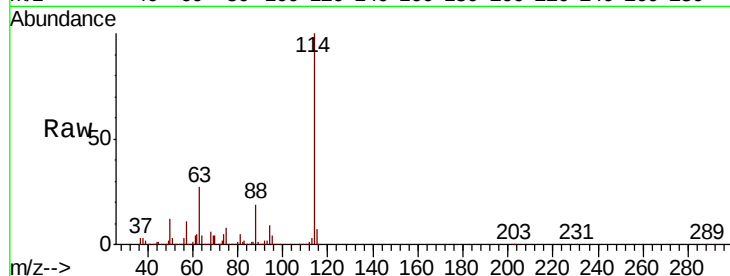
Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.8	4.3	6.5



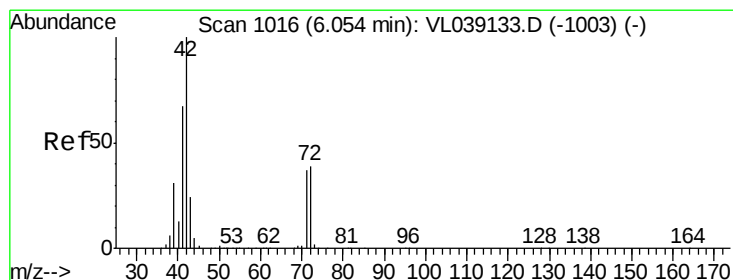
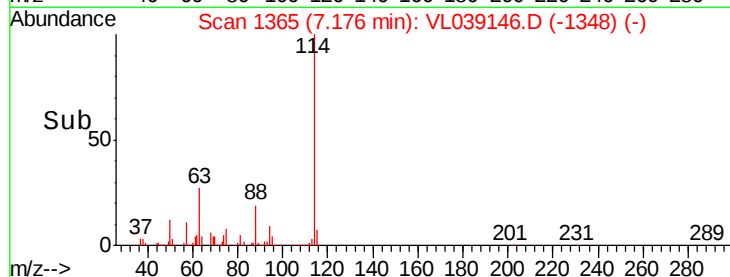
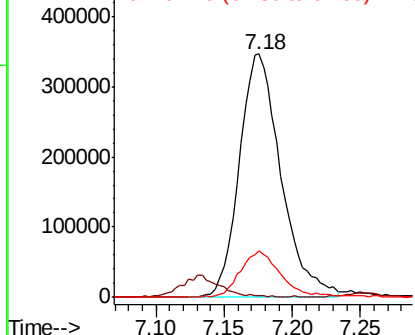


#39
 1,2-Dichloropropane
 Concen: 8.368 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	60.8	91.2#
62	19.0	52.9	79.3#

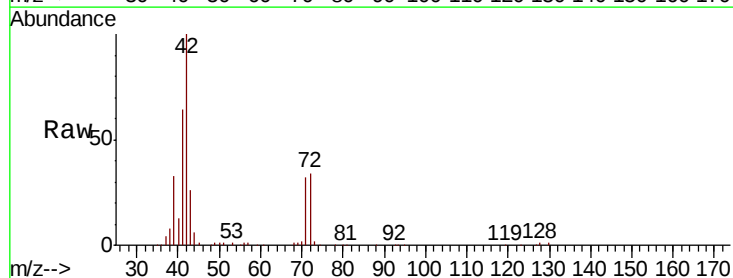


Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

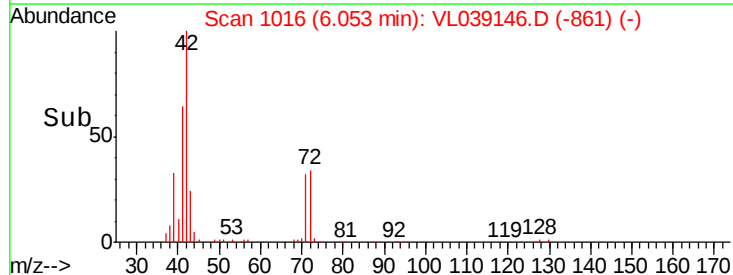
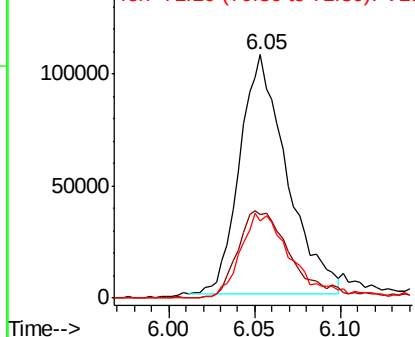


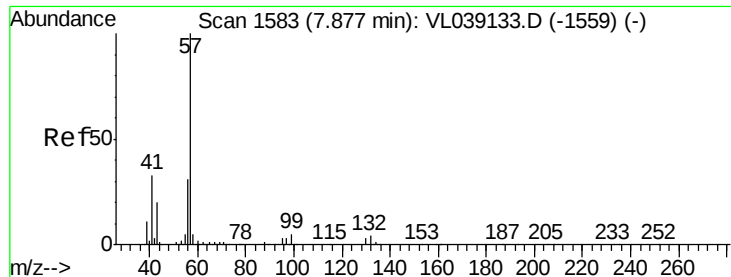
#41
 Tetrahydrofuran
 Concen: 2.299 ppbv
 RT: 6.05 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.6	32.0	48.0
71	40.0	31.1	46.7



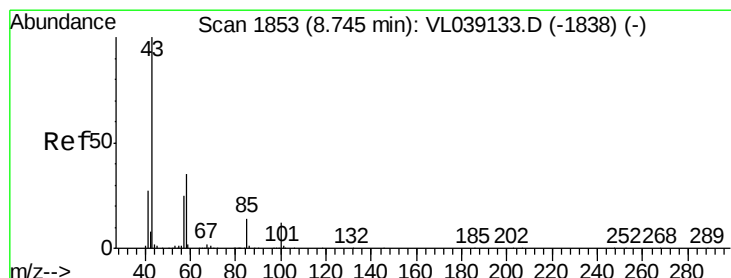
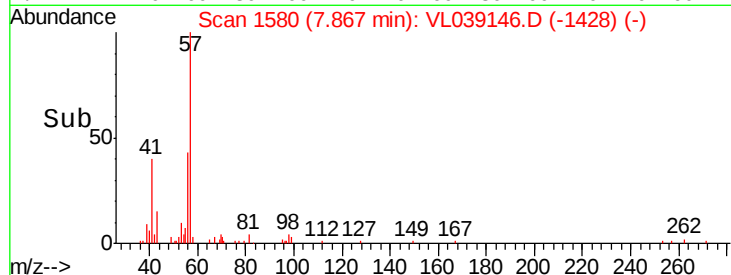
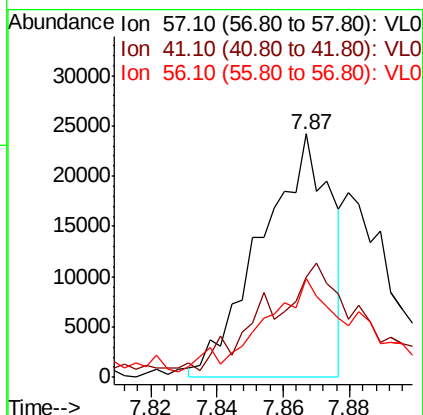
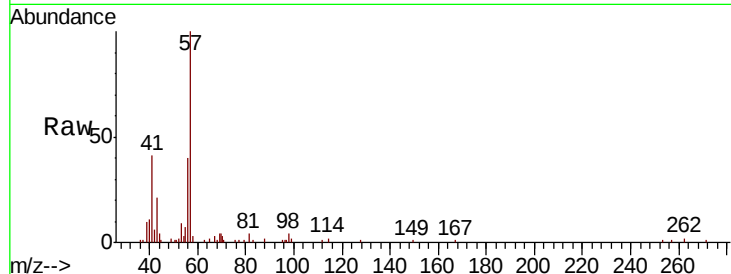
Abundance Ion 42.10 (41.80 to 42.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0
 Ion 71.10 (70.80 to 71.80): VL0





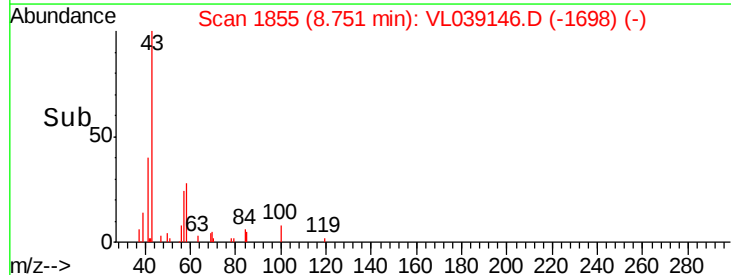
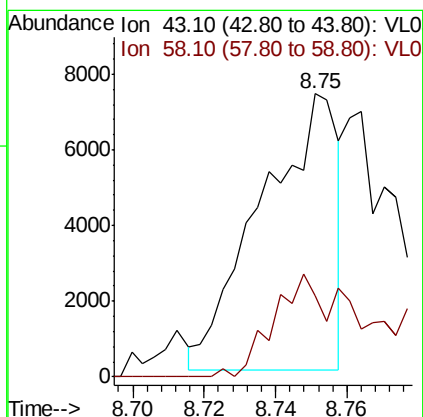
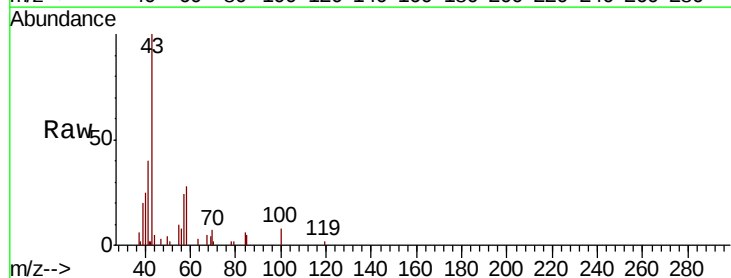
#44
 2,2,4-Trimethylpentane
 Concen: 0.092 ppbv
 RT: 7.87
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

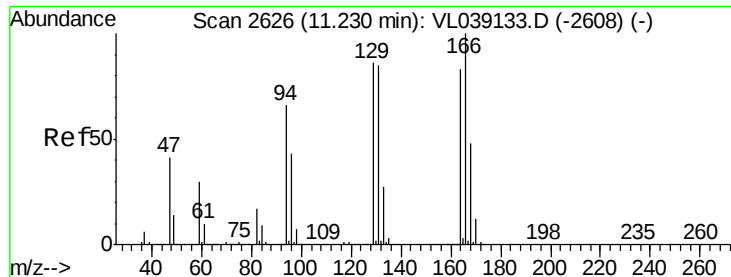
Tot Ion: 57 Resp: 35432
 Ion Ratio Lower Upper
 57 100
 41 71.7 26.2 39.4#
 56 66.7 24.7 37.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.049 ppbv
 RT: 8.75 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

Tgt Ion: 43 Resp: 10847
 Ion Ratio Lower Upper
 43 100
 58 52.1 28.7 43.1#





#52

Tetrachloroethene

Concen: 0.032 ppbv

RT: 11.22 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 1 Jun 2022 13:47

Tot Ion:164 Resp: 2789

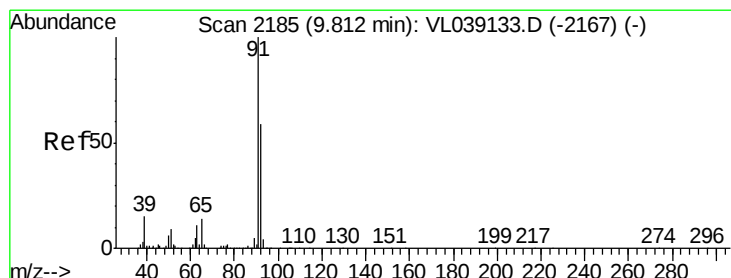
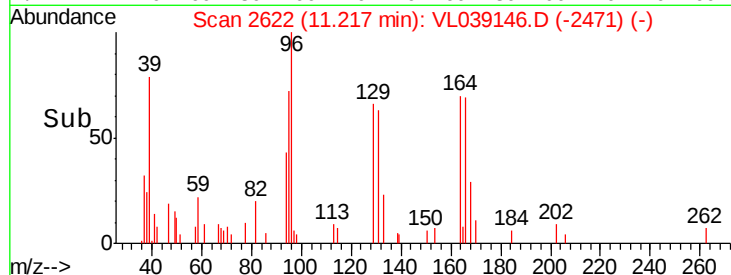
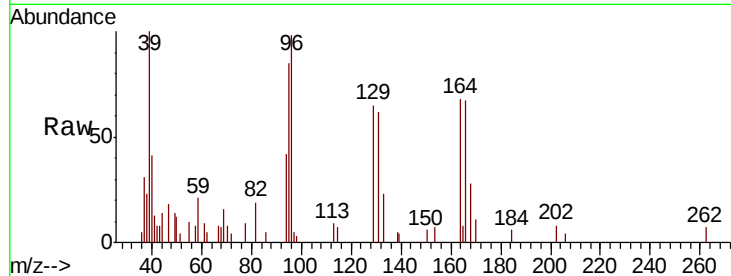
Ion Ratio Lower Upper

164 100

166 75.4 96.3 144.5#

129 72.6 82.5 123.7#

131 70.4 82.1 123.1#



#53

Toluene

Concen: 2.915 ppbv

RT: 9.81 min Scan# 2183

Delta R.T. -0.01 min

Lab File: VL039146.D

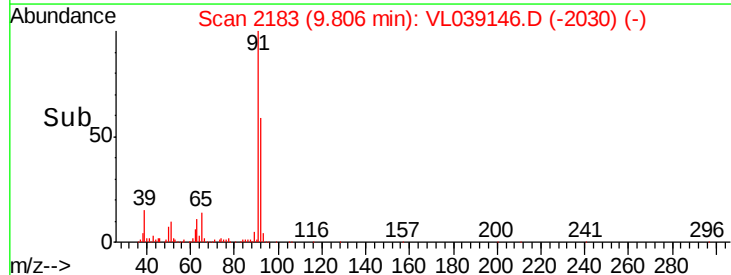
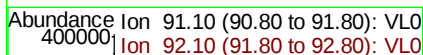
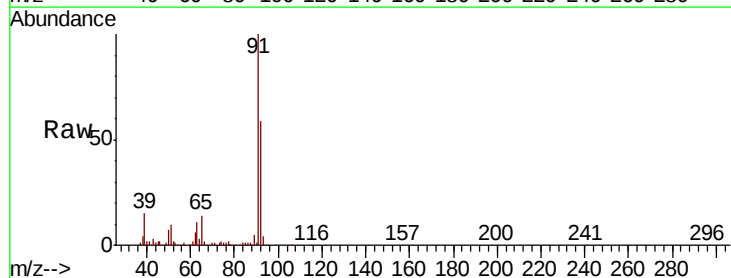
Acq: 1 Jun 2022 13:47

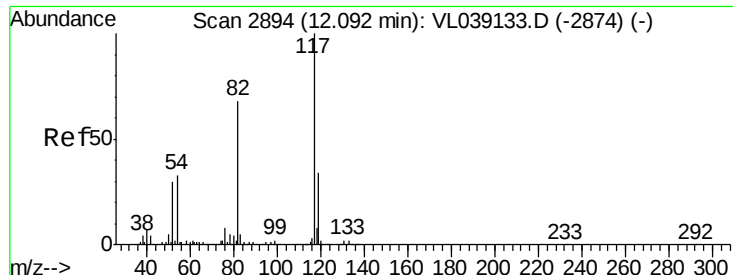
Tgt Ion: 91 Resp: 739361

Ion Ratio Lower Upper

91 100

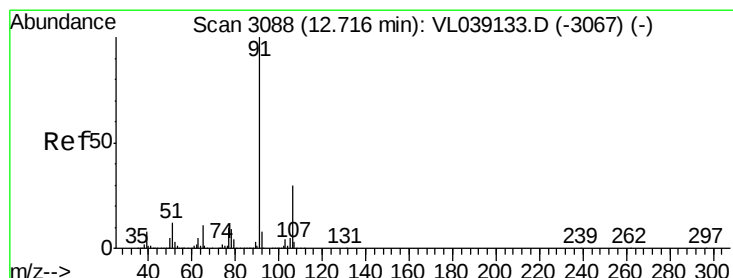
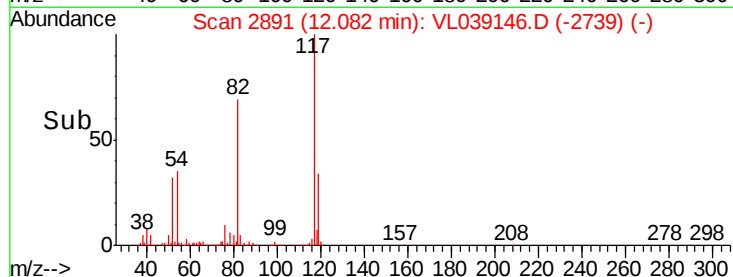
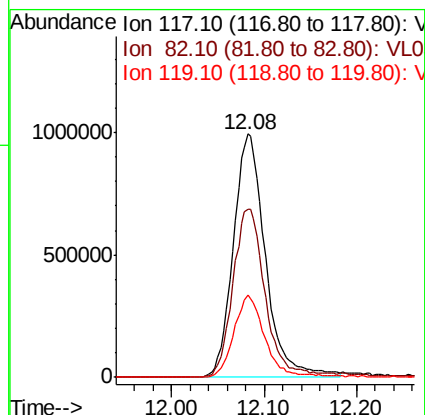
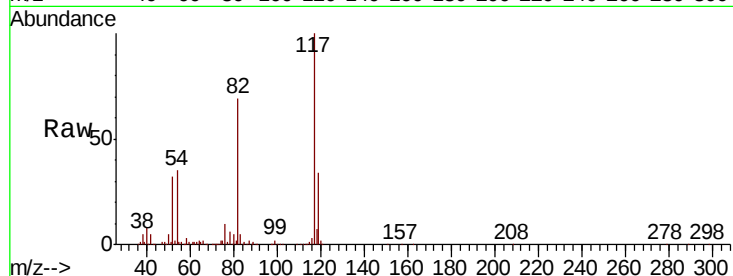
92 58.9 48.1 72.1





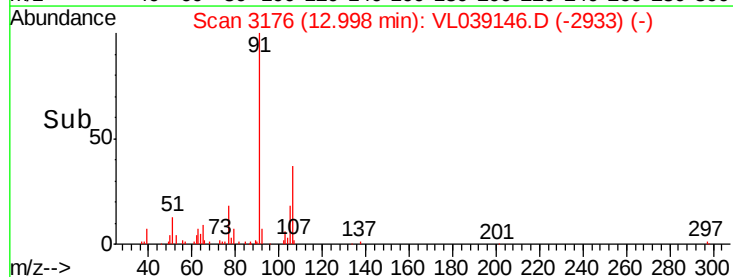
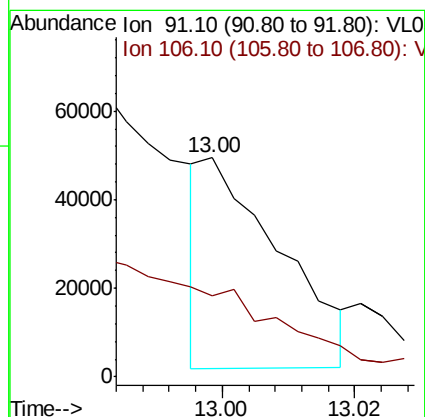
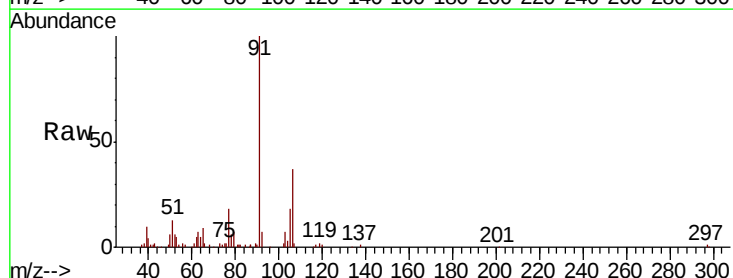
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

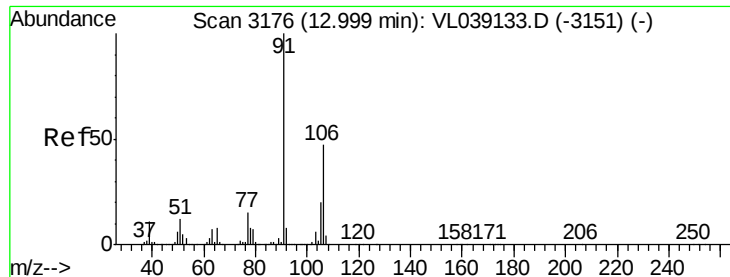
Tot Ion:117 Resp: 2392024
Ion Ratio Lower Upper
117 100
82 72.0 55.1 82.7
119 33.3 24.7 37.1



#58
Ethyl Benzene
Concen: 0.116 ppbv
RT: 13.00 min Scan# 3176
Delta R.T. 0.28 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

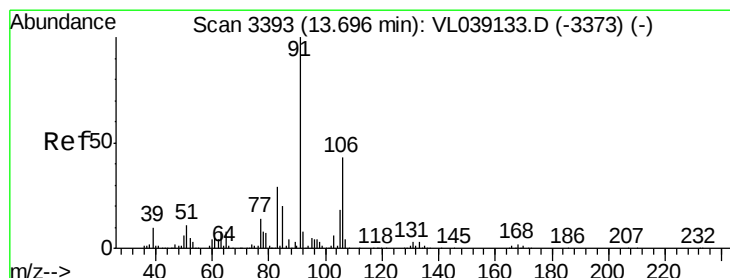
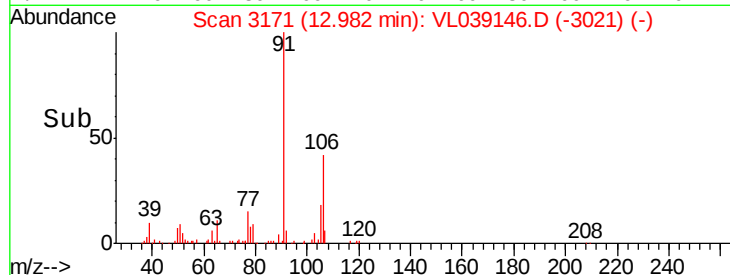
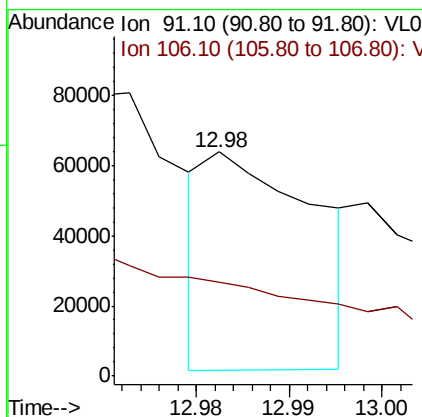
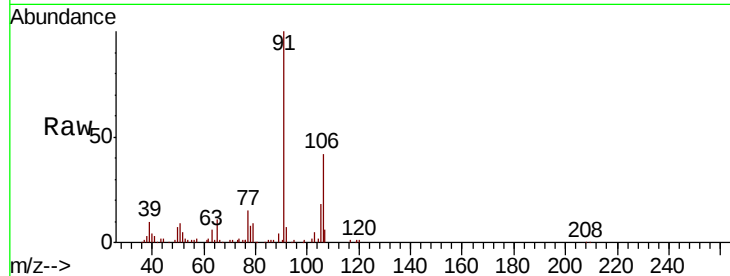
Tgt Ion: 91 Resp: 38256
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4





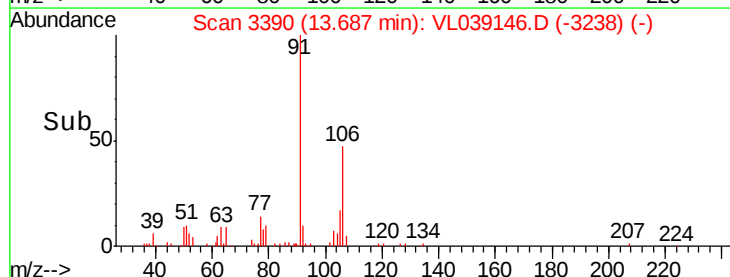
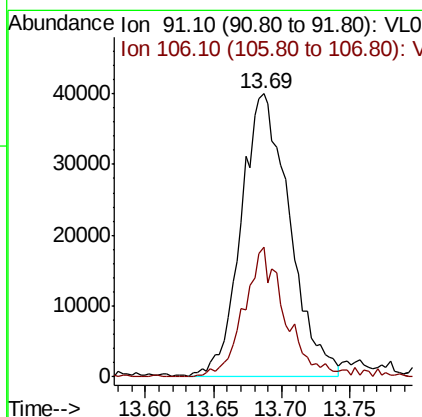
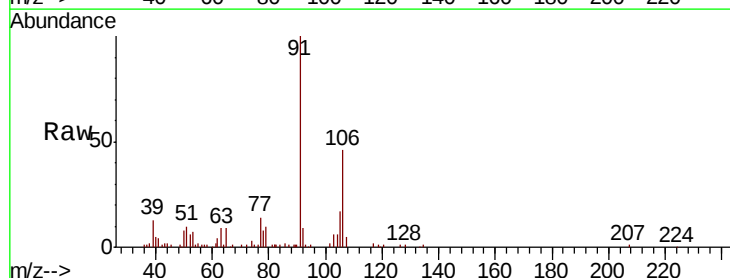
#59
m/p-Xylene
Concen: 0.175 ppbv
RT: 12.98 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 1 Jun 2022 13:47

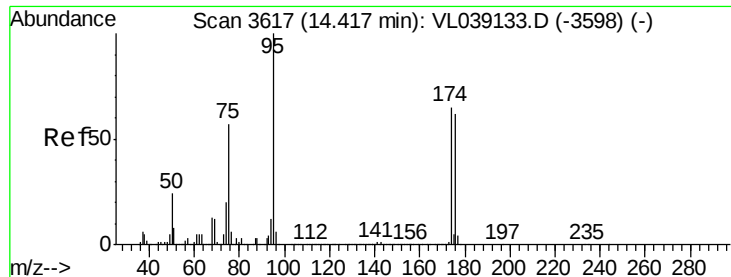
Tot Ion: 91 Resp: 50646
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5#



#60
o-Xylene
Concen: 0.362 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL039146.D
Acq: 1 Jun 2022 13:47

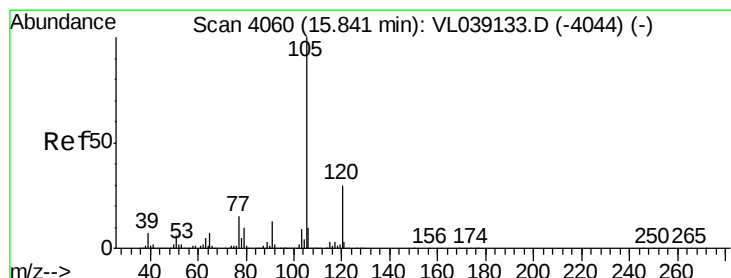
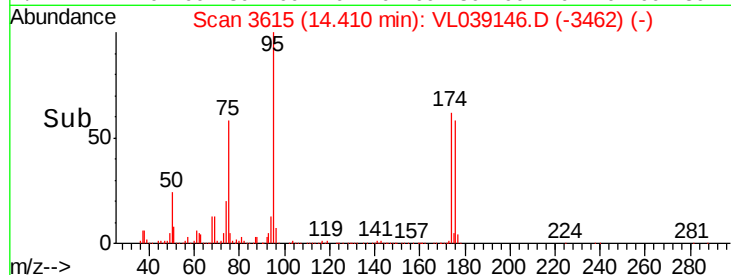
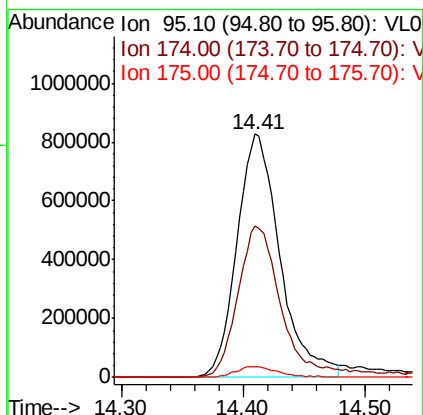
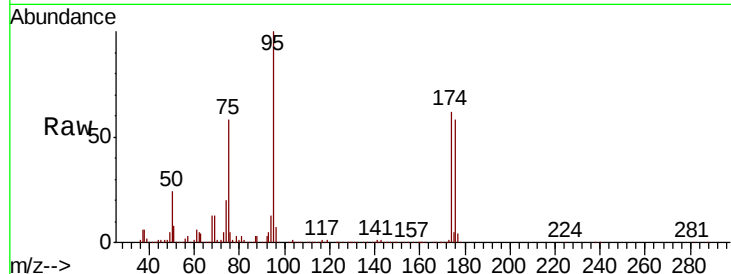
Tgt Ion: 91 Resp: 98820
Ion Ratio Lower Upper
91 100
106 40.1 22.3 66.9





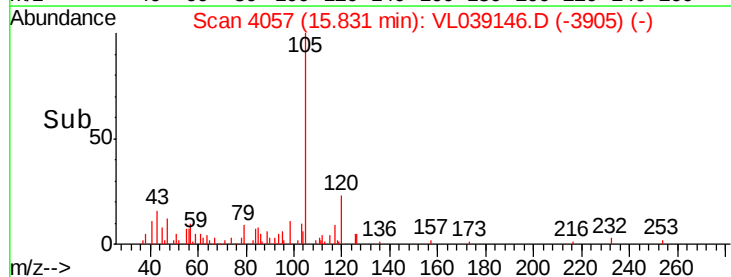
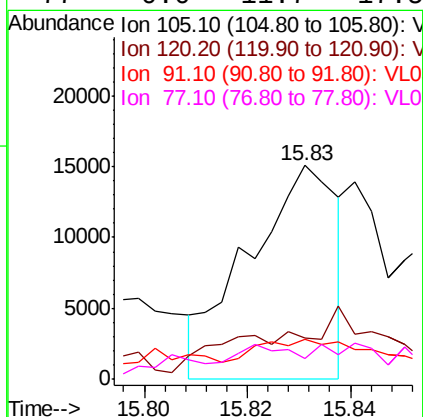
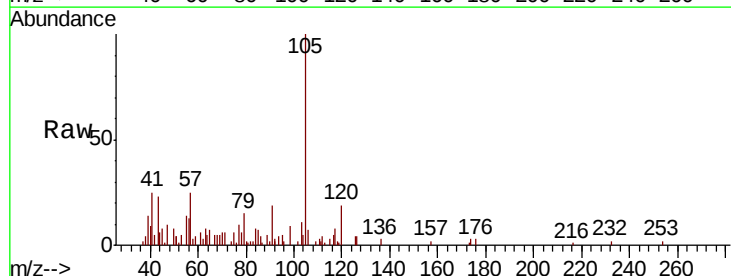
#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.206 ppbv
 RT: 14.41 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

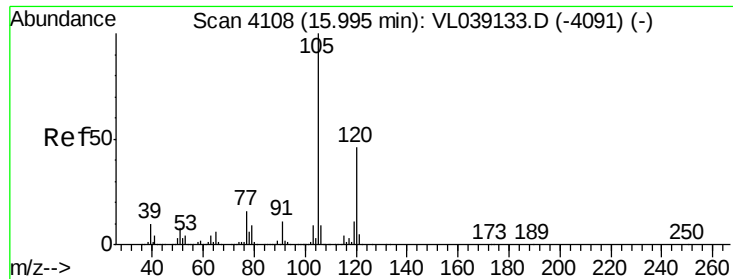
Tot Ion: 95 Resp: 2018289
 Ion Ratio Lower Upper
 95 100
 174 66.0 53.8 80.8
 175 4.8 4.1 6.1



#72
 4-Ethyltoluene
 Concen: 0.056 ppbv
 RT: 15.83 min Scan# 4057
 Delta R.T. -0.01 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

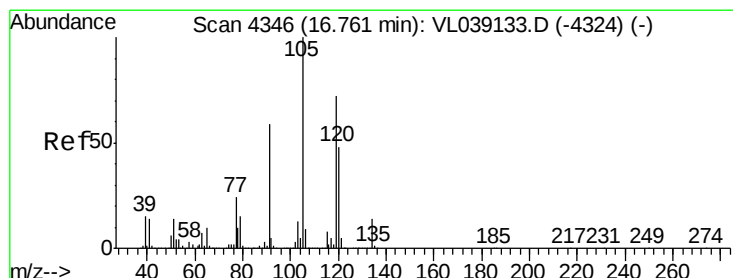
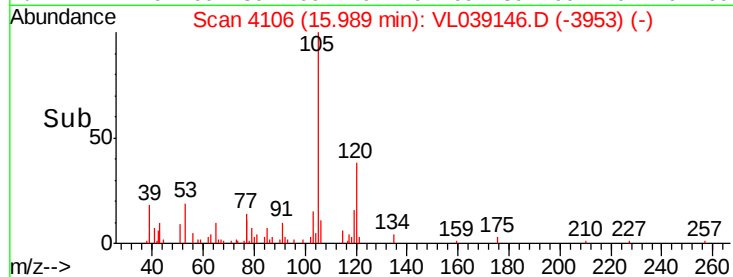
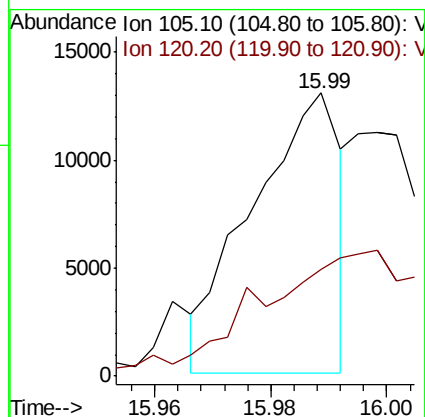
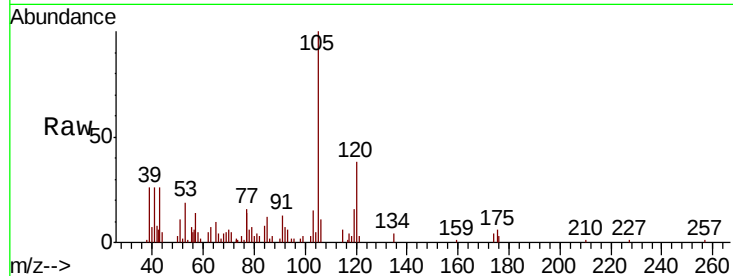
Tgt Ion: 105 Resp: 17986
 Ion Ratio Lower Upper
 105 100
 120 0.0 23.9 35.9#
 91 38.8 10.6 16.0#
 77 0.0 11.7 17.5#





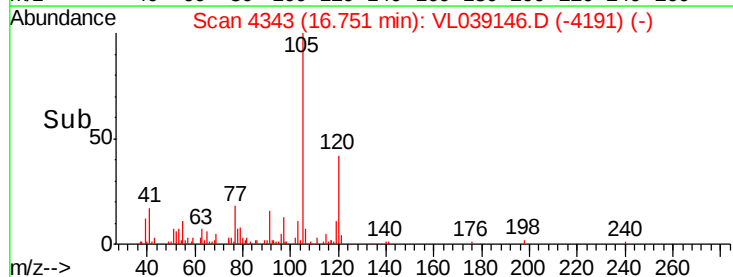
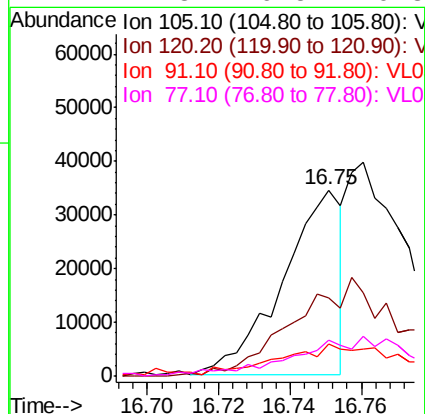
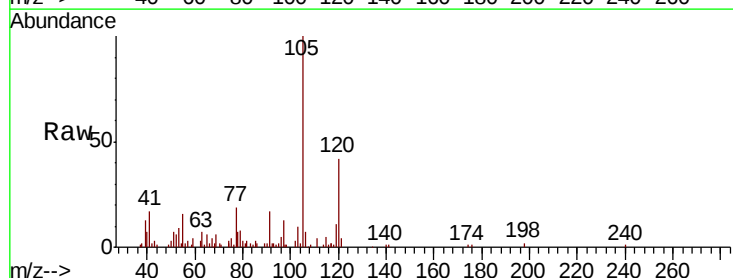
#73
 1,3,5-Trimethylbenzene
 Concen: 0.048 ppbv
 RT: 15.99 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Jun 2022 13:47

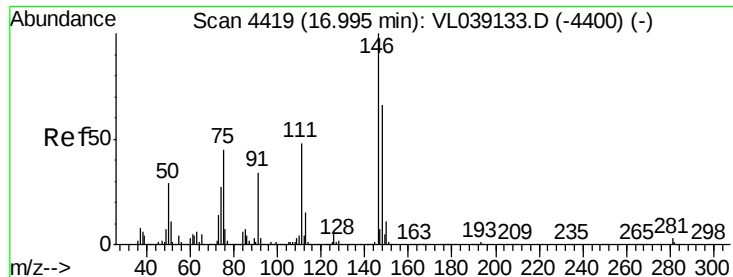
Tot Ion:105 Resp: 13711
 Ion Ratio Lower Upper
 105 100
 120 34.7 36.7 55.1#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.122 ppbv
 RT: 16.75 min Scan# 4343
 Delta R.T. -0.01 min
 Lab File: VL039146.D
 Acq: 1 Jun 2022 13:47

Tgt Ion:105 Resp: 39276
 Ion Ratio Lower Upper
 105 100
 120 41.2 38.1 57.1
 91 15.5 47.4 71.0#
 77 17.8 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 2.922 ppbv

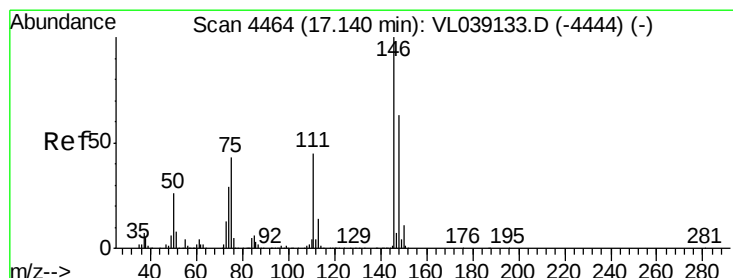
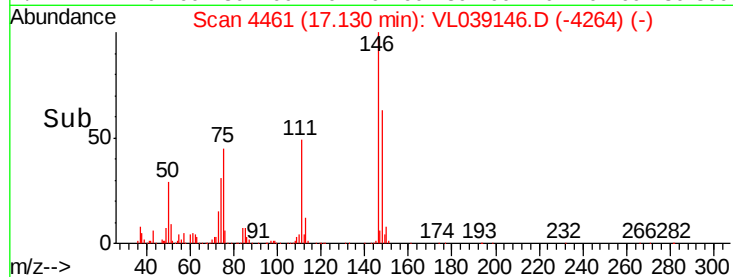
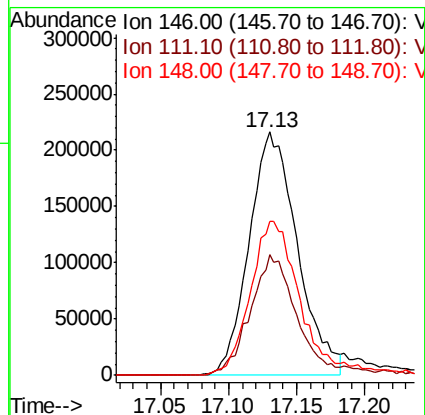
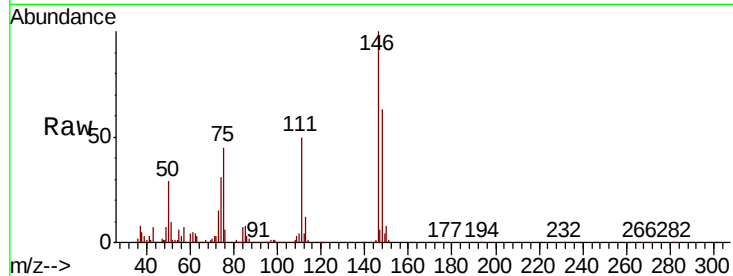
RT: 17.13

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Jun 2022 13:47

Tot Ion:	146	Resp:	531977
Ion	Ratio	Lower	Upper
146	100		
111	49.6	23.8	71.4
148	66.6	32.4	97.0



#76

1,4-Dichlorobenzene

Concen: 2.929 ppbv

RT: 17.13 min Scan# 4461

Delta R.T. -0.01 min

Lab File: VL039146.D

Acq: 1 Jun 2022 13:47

Tgt Ion:	146	Resp:	531977
Ion	Ratio	Lower	Upper
146	100		
111	49.6	23.6	71.0
148	66.6	33.7	101.0

