

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL061521\
 Data File : VL037160.D
 Acq On : 15 Jun 2021 17:10
 Operator : SY/AP
 Sample : M2702-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 16 01:45:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jun 14 16:49:11 2021
 QLast Update : Mon Jun 14 16:49:11 2021
 Response via : Initial Calibration

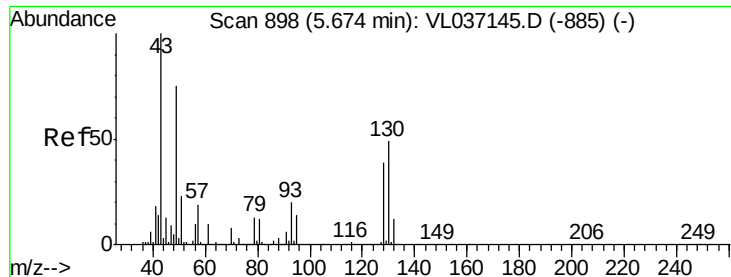
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1390759	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4006038	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3550373	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2694230	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.06	85	50846	0.230	ppbv 94
3) Chlorodifluoromethane	3.00	51	170830	0.655	ppbv # 90
4) Chloromethane	3.15	50	51605	0.581	ppbv 93
9) Propene	3.03	41	76270	0.886	ppbv 95
10) Heptane	8.14	43	36227	0.177	ppbv 96
11) Trichlorofluoromethane	3.96	101	79815	0.318	ppbv 95
12) 1,1,2-Trichlorotrifluoroet	4.50	101	7653	0.044	ppbv # 58
13) Ethanol	3.62	45	936557	78.767	ppbv 99
15) Acetone	3.86	43	1673218	10.054	ppbv 95
16) 1,3-Butadiene	3.33	39	7458	0.083	ppbv # 57
17) tert-Butyl alcohol	4.32	59	4808	0.033	ppbv # 71
19) Isopropyl Alcohol	3.99	45	1000603	10.957	ppbv # 97
20) Methylene Chloride	4.36	84	2199657	30.328	ppbv 95
21) Allyl Chloride	4.36	41	13639	0.123	ppbv # 82
23) Vinyl Acetate	5.08	43	96773	0.443	ppbv # 37
25) Ethyl Acetate	5.70	43	652138	2.000	ppbv # 81
26) Hexane	5.70	57	837005	5.161	ppbv # 49
29) Chloroform	5.77	83	39603	0.151	ppbv 99
30) Cyclohexane	7.14	84	5696	0.040	ppbv # 1
31) cis-1,2-Dichloroethene	5.69	61	4065	0.026	ppbv # 35
34) 2-Butanone	5.27	43	86016	0.572	ppbv # 88
35) Carbon Tetrachloride	7.04	117	8019	0.033	ppbv # 68
36) Benzene	6.91	78	88776	0.279	ppbv 95
39) 1,2-Dichloropropane	7.19	63	942744	7.768	ppbv # 25
41) Tetrahydrofuran	6.34	42	4907	0.067	ppbv # 36
44) 2,2,4-Trimethylpentane	7.89	57	176082	0.331	ppbv # 90
52) Tetrachloroethene	11.23	164	9971	0.076	ppbv 87
53) Toluene	9.83	91	339800	0.899	ppbv 99
58) Ethyl Benzene	12.73	91	55925	0.116	ppbv 93
59) m/p-Xylene	13.02	91	26076	0.064	ppbv # 30
60) o-Xylene	13.71	91	58265	0.148	ppbv 91
61) Styrene	13.55	104	5116	0.025	ppbv # 56
72) 4-Ethyltoluene	15.86	105	15010	0.033	ppbv # 32
74) 1,2,4-Trimethylbenzene	16.80	105	19939	0.045	ppbv # 70
76) 1,4-Dichlorobenzene	17.17	146	5871	0.022	ppbv # 1
79) Naphthalene	22.23	128	17105	0.065	ppbv # 89
80) Naphthalene,2-methyl-	25.01	142	2088	0.033	ppbv # 73

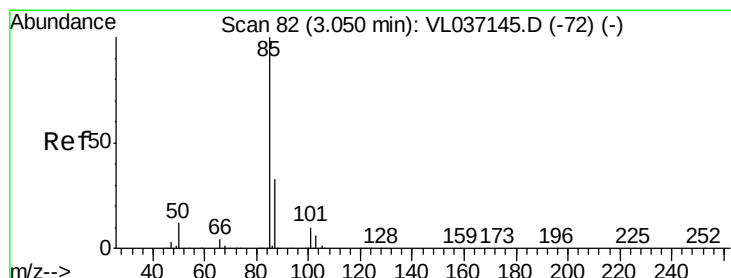
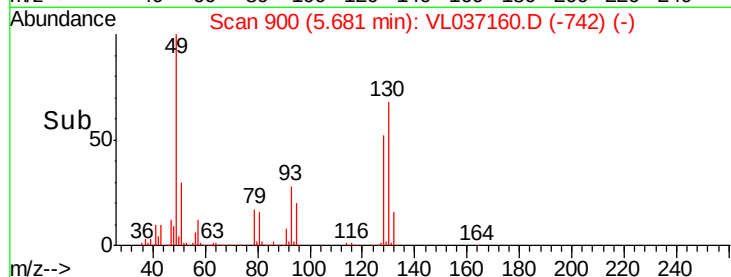
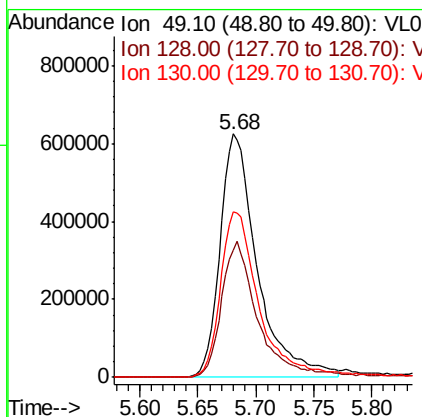
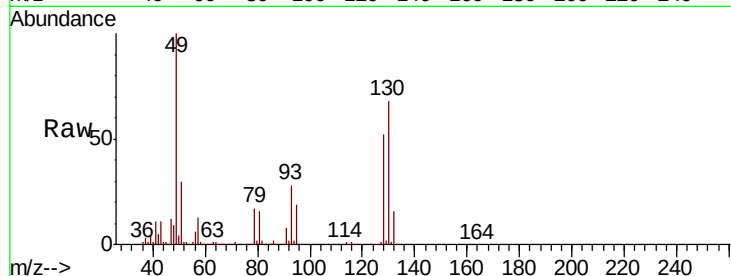
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

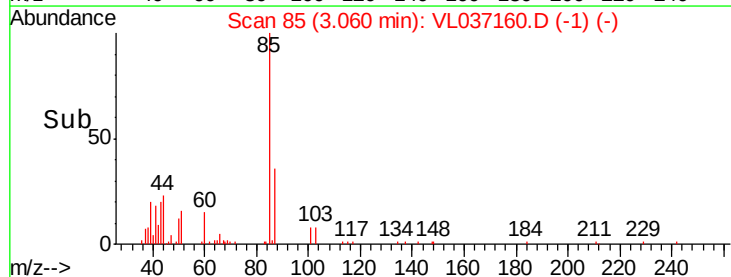
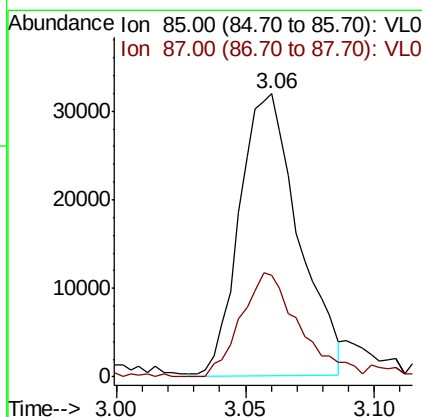
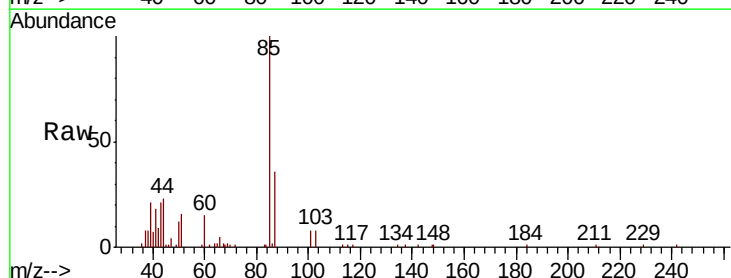
Instrument :
 MSVOA_L
 ClientSampleId :

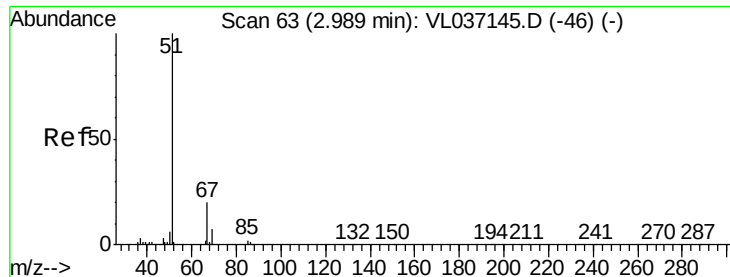
Tot Ion: 49 Resp: 1390759
 Ion Ratio Lower Upper
 49 100
 128 56.3 28.8 86.5
 130 73.3 36.0 108.0



#2
 Dichlorodifluoromethane
 Concen: 0.230 ppbv
 RT: 3.06 min Scan# 85
 Delta R.T. 0.01 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

Tgt Ion: 85 Resp: 50846
 Ion Ratio Lower Upper
 85 100
 87 36.5 26.4 39.6





#3

Chlorodifluoromethane

Concen: 0.655 ppbv

RT: 3.00 min Scan# 66

Delta R.T. 0.01 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

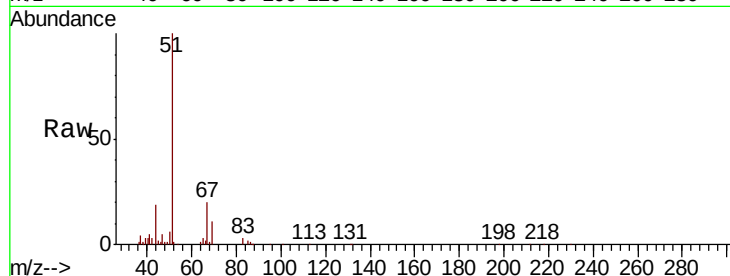
ClientSampleId :

Tot Ion: 51 Resp: 170830

Ion Ratio Lower Upper

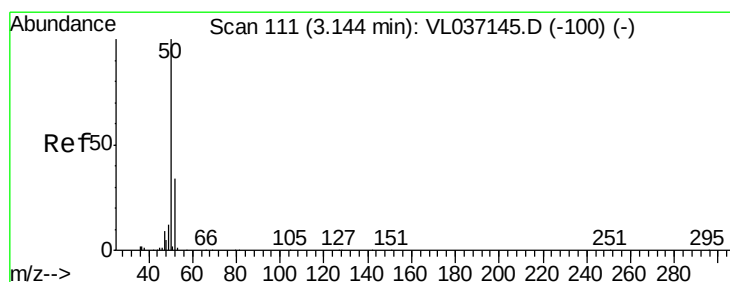
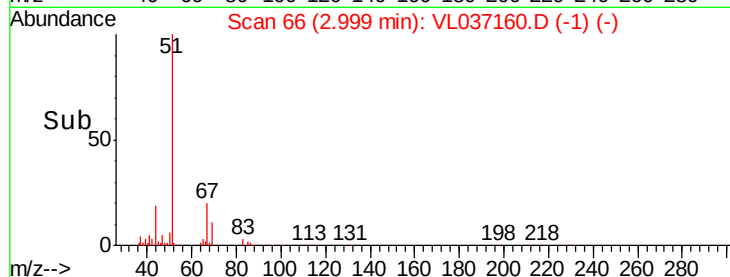
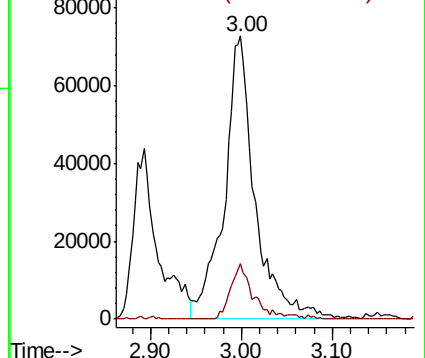
51 100

67 15.2 15.9 23.9#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.581 ppbv

RT: 3.15 min Scan# 113

Delta R.T. 0.01 min

Lab File: VL037160.D

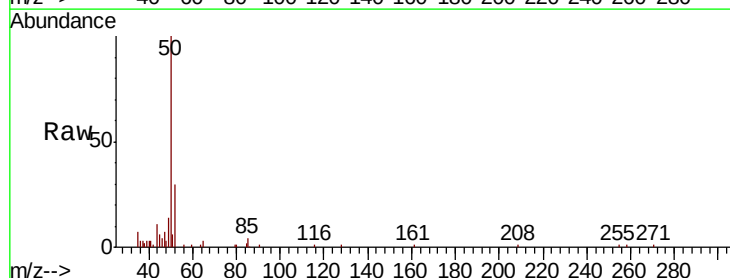
Acq: 15 Jun 2021 17:10

Tgt Ion: 50 Resp: 51605

Ion Ratio Lower Upper

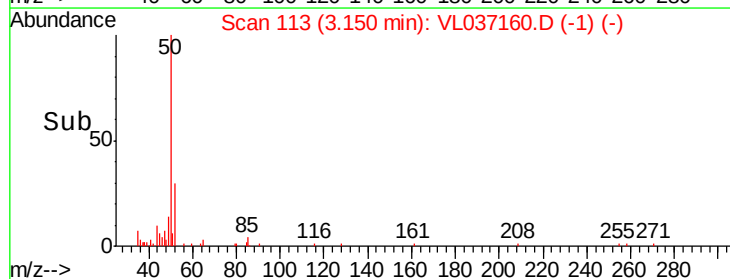
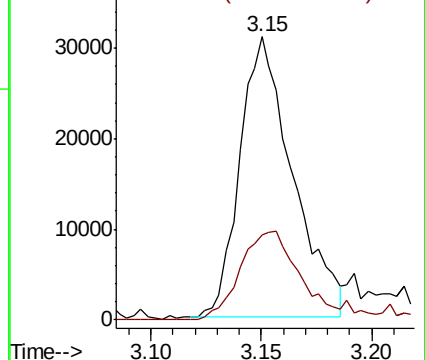
50 100

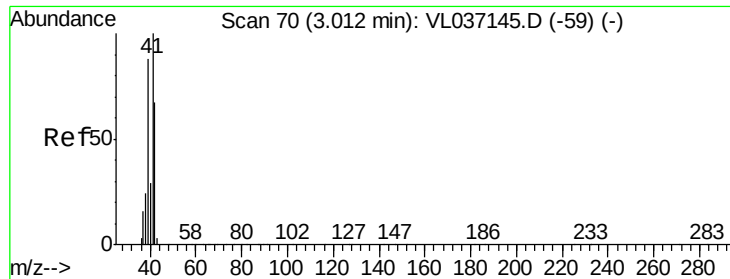
52 30.5 27.4 41.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.886 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

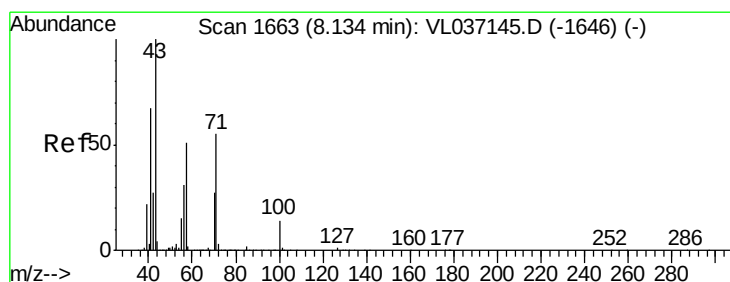
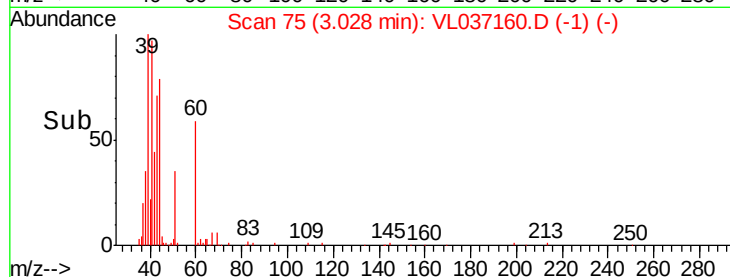
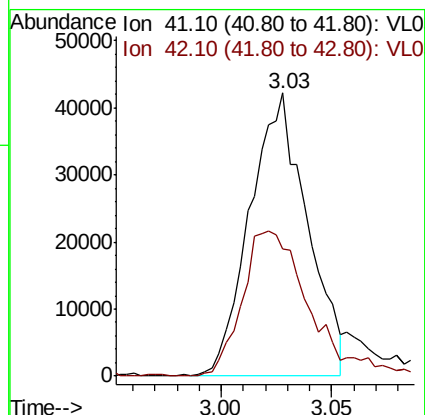
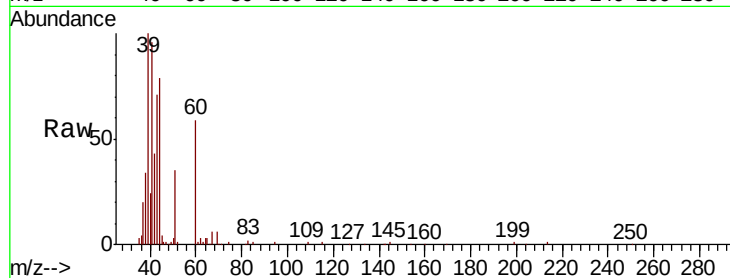
ClientSampleId :

Tot Ion: 41 Resp: 76270

Ion Ratio Lower Upper

41 100

42 63.2 53.8 80.8



#10

Heptane

Concen: 0.177 ppbv

RT: 8.14 min Scan# 1666

Delta R.T. 0.01 min

Lab File: VL037160.D

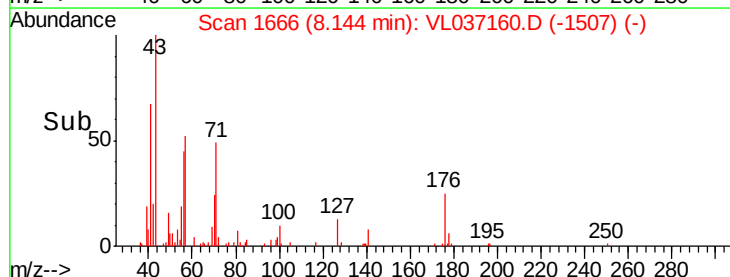
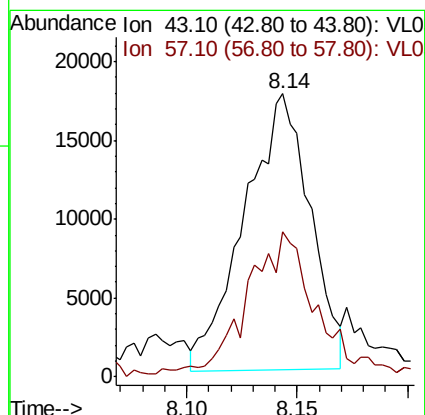
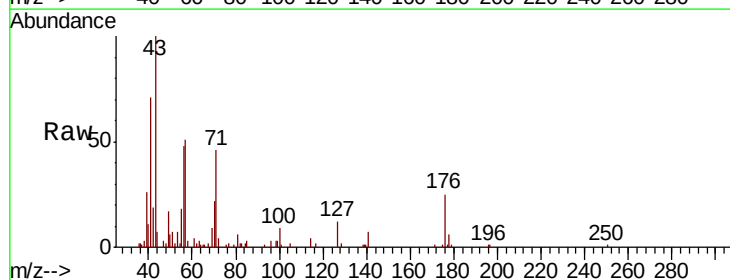
Acq: 15 Jun 2021 17:10

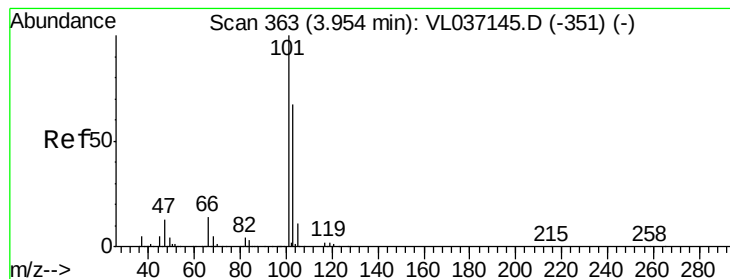
Tgt Ion: 43 Resp: 36227

Ion Ratio Lower Upper

43 100

57 53.5 40.5 60.7





#11

Trichlorofluoromethane

Concen: 0.318 ppbv

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

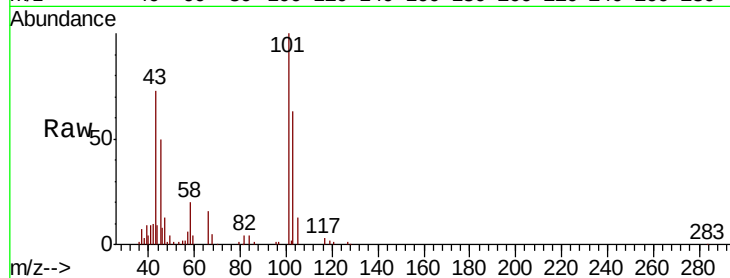
ClientSampled :

Tot Ion:101 Resp: 79815

Ion Ratio Lower Upper

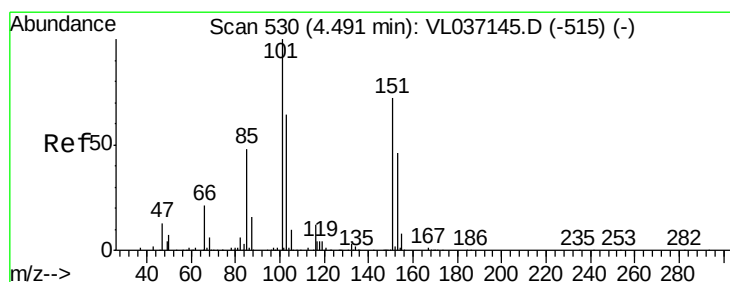
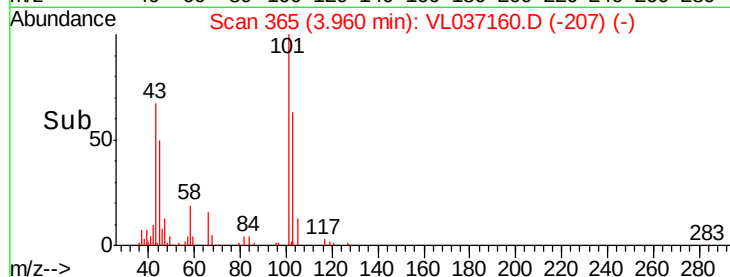
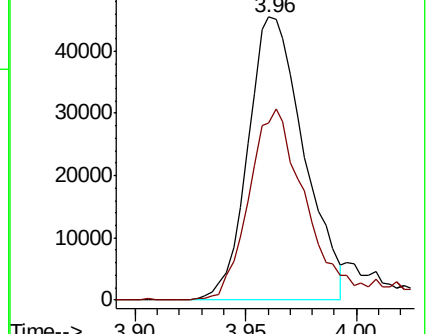
101 100

103 62.7 53.6 80.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.044 ppbv

RT: 4.50 min Scan# 532

Delta R.T. 0.01 min

Lab File: VL037160.D

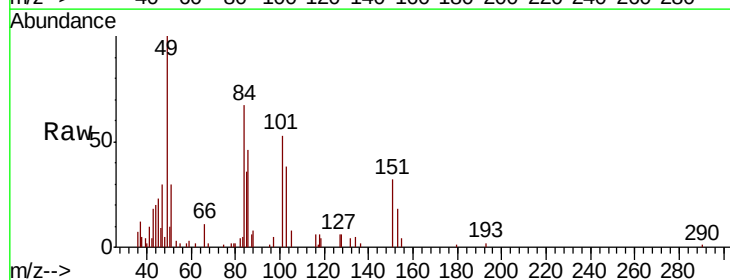
Acq: 15 Jun 2021 17:10

Tgt Ion:101 Resp: 7653

Ion Ratio Lower Upper

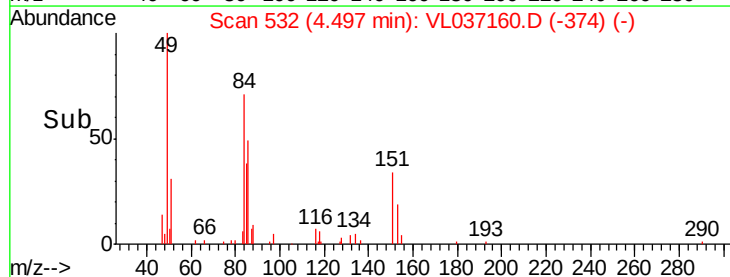
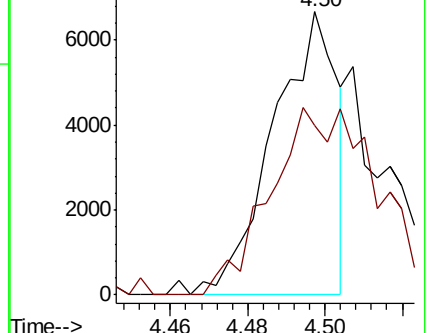
101 100

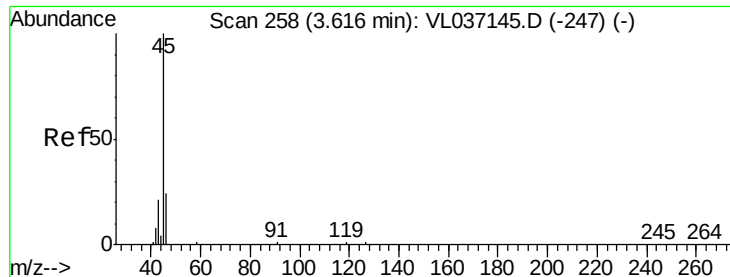
151 111.7 60.5 90.7#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 78.767 ppbv

RT: 3.62 min Scan# 258

Delta R.T. 0.00 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

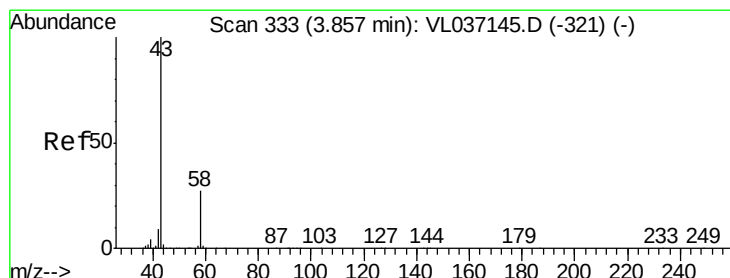
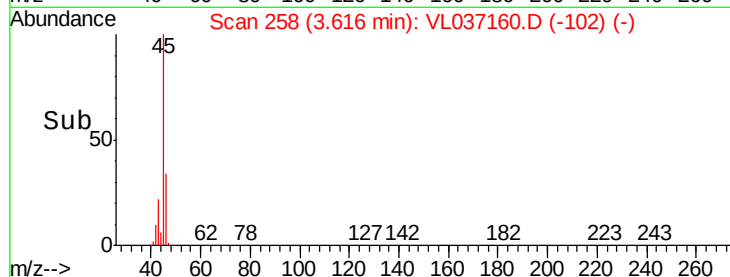
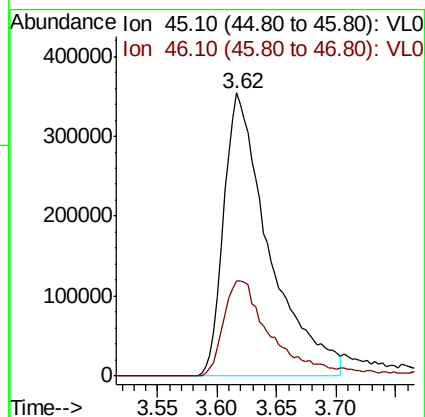
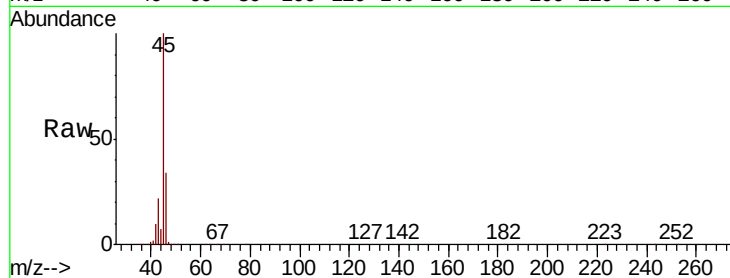
ClientSampleId :

Tot Ion: 45 Resp: 936557

Ion Ratio Lower Upper

45 100

46 38.2 15.4 61.8



#15

Acetone

Concen: 10.054 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.00 min

Lab File: VL037160.D

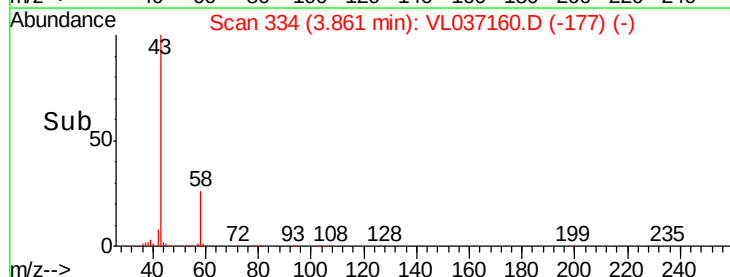
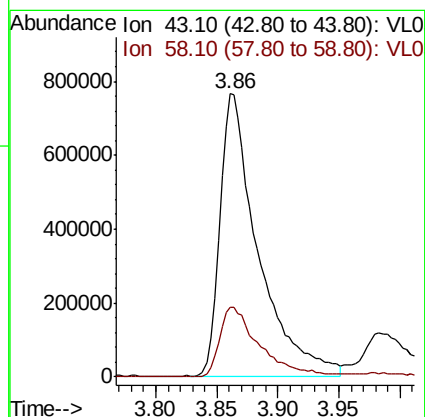
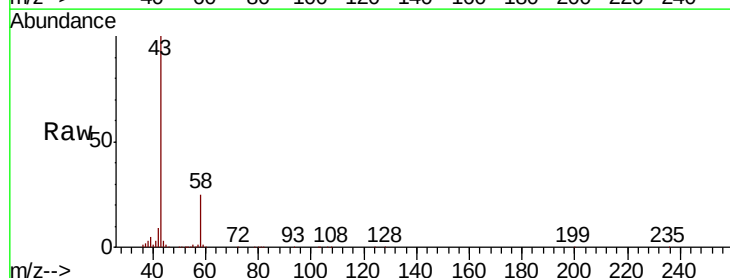
Acq: 15 Jun 2021 17:10

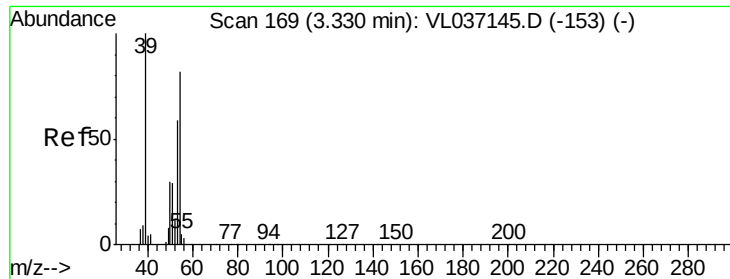
Tgt Ion: 43 Resp: 1673218

Ion Ratio Lower Upper

43 100

58 26.1 23.0 34.6

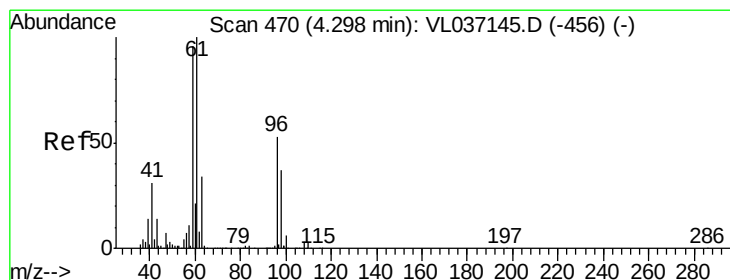
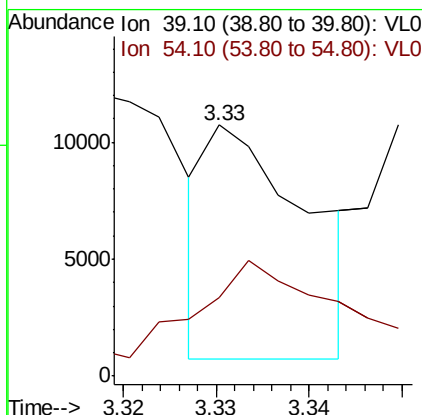
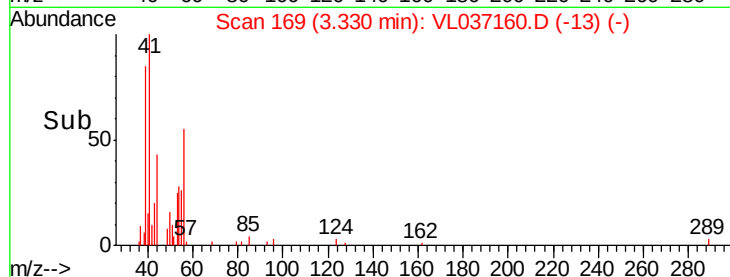
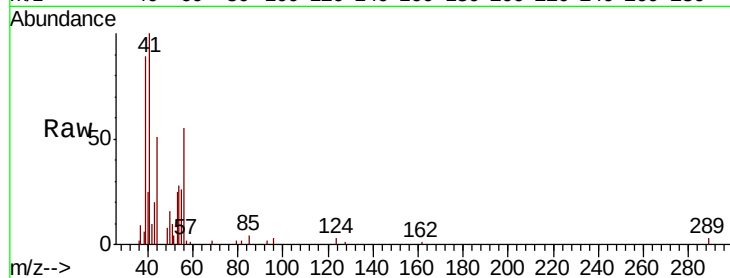




#16
 1,3-Butadiene
 Concen: 0.083 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

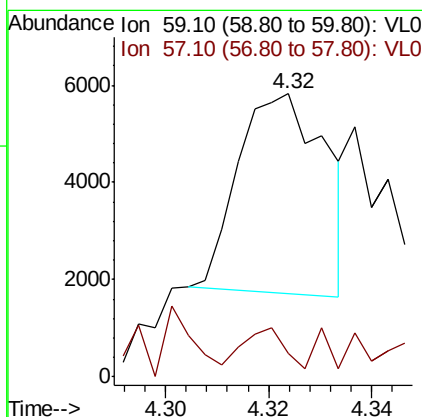
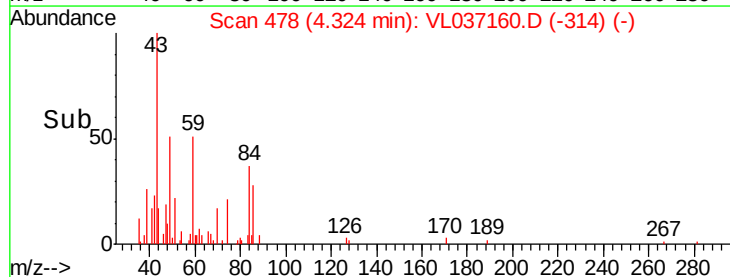
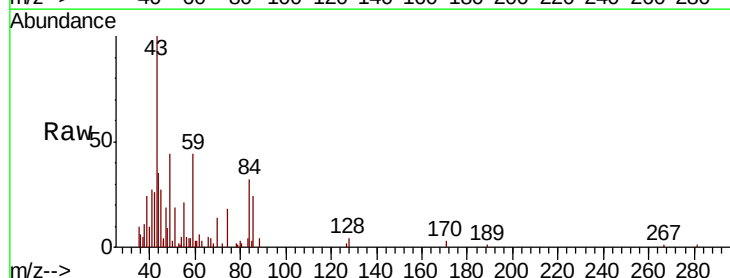
Instrument :
 MSVOA_L
 ClientSampleId :

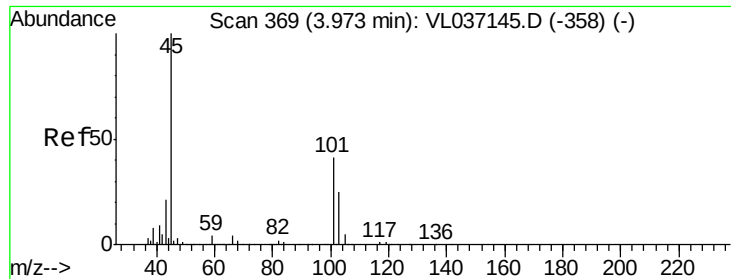
Tot Ion: 39 Resp: 7458
 Ion Ratio Lower Upper
 39 100
 54 114.7 61.8 92.6#



#17
 tert-Butyl alcohol
 Concen: 0.033 ppbv
 RT: 4.32 min Scan# 478
 Delta R.T. 0.03 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

Tgt Ion: 59 Resp: 4808
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

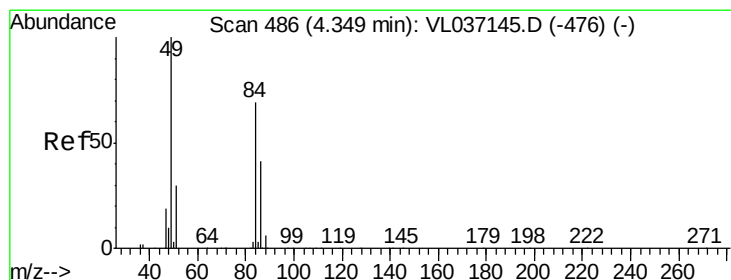
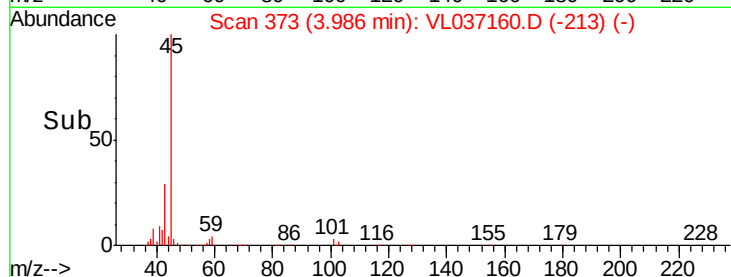
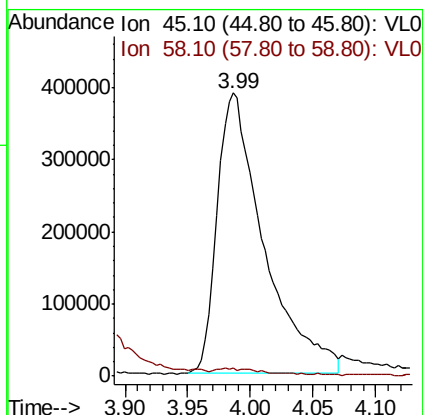
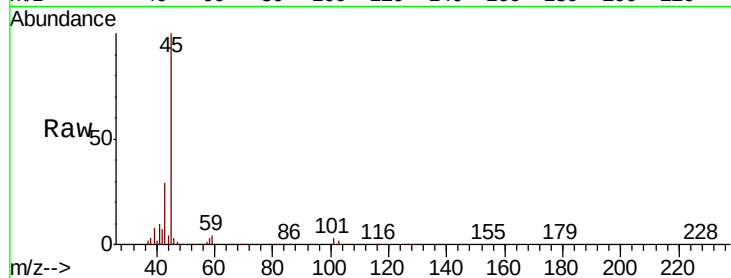




#19
Isopropyl Alcohol
Concen: 10.957 ppbv
RT: 3.99 min Scan# 373
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

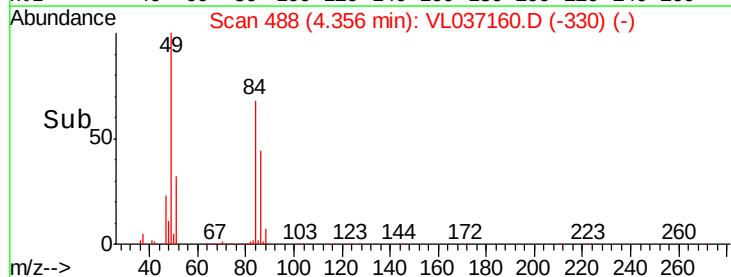
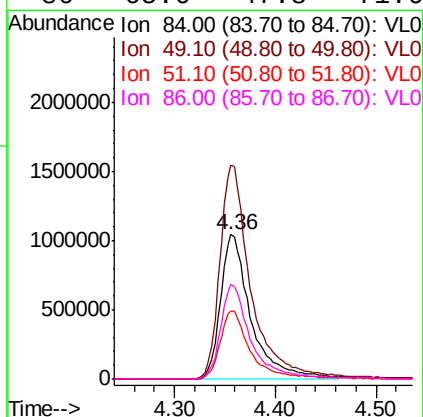
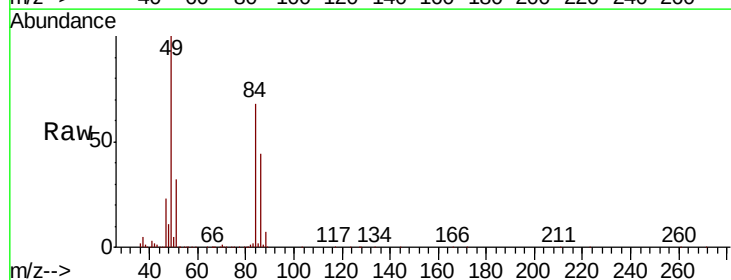
Instrument :
MSVOA_L
ClientSampled :

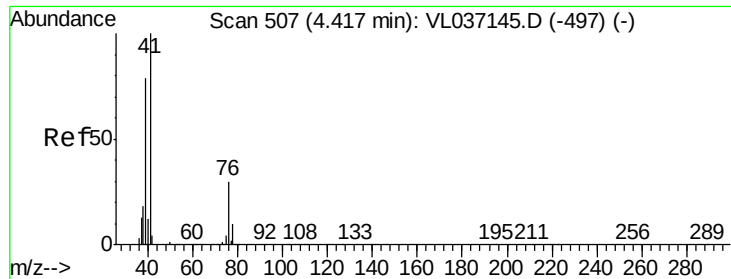
Tot Ion: 45 Resp: 1000603
Ion Ratio Lower Upper
45 100
58 2.9 1.4 2.2#



#20
Methylene Chloride
Concen: 30.328 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 84 Resp: 2199657
Ion Ratio Lower Upper
84 100
49 148.0 115.3 172.9
51 47.2 34.2 51.4
86 65.6 47.8 71.6





#21

Allvl Chloride

Concen: 0.123 ppbv

RT: 4.36 min Scan# 490

Delta R.T. -0.05 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

ClientSampleId :

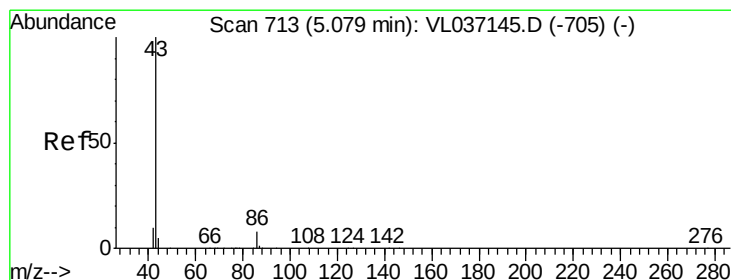
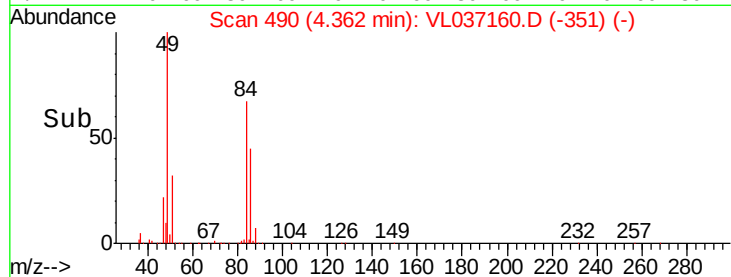
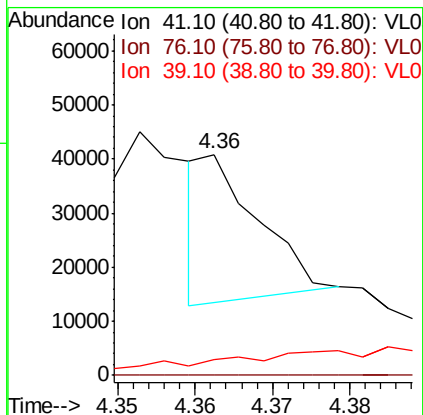
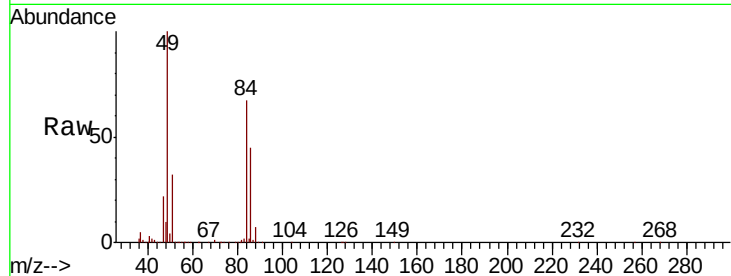
Tot Ion: 41 Resp: 13639

Ion Ratio Lower Upper

41 100

76 0.6 25.2 37.8#

39 79.2 66.2 99.2



#23

Vinyl Acetate

Concen: 0.443 ppbv

RT: 5.08 min Scan# 712

Delta R.T. -0.00 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Tgt Ion: 43 Resp: 96773

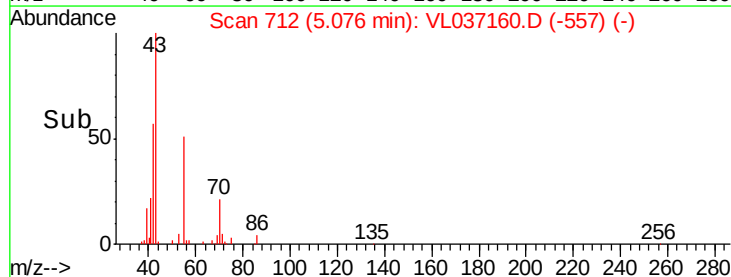
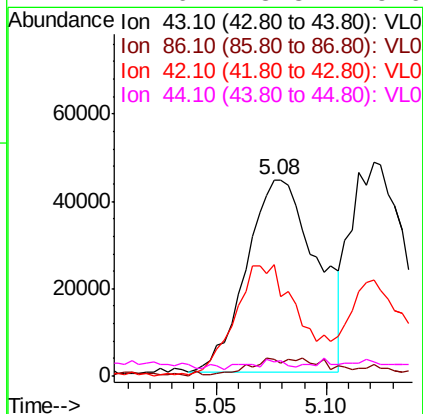
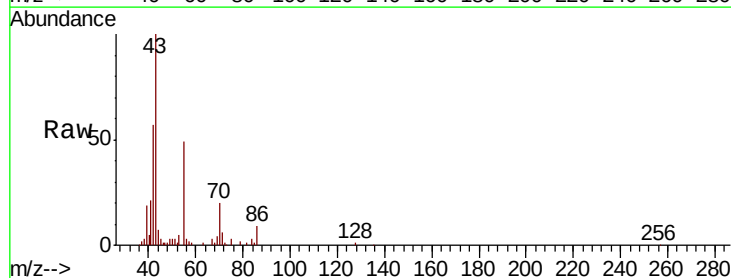
Ion Ratio Lower Upper

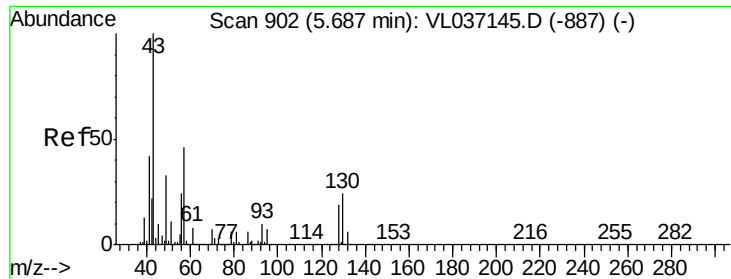
43 100

86 8.8 5.4 8.2#

42 57.1 8.6 12.8#

44 1.6 3.8 5.6#

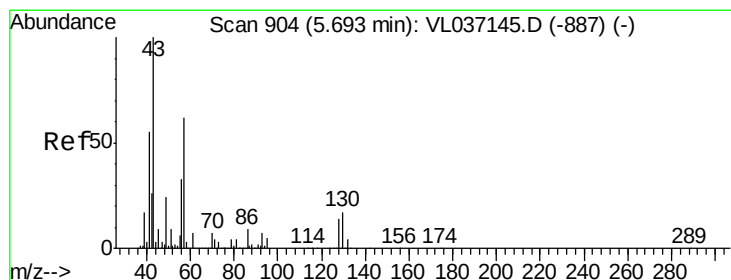
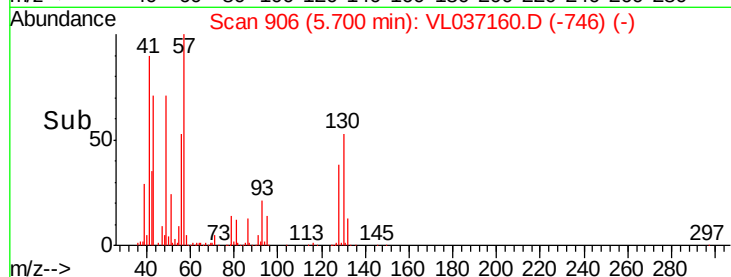
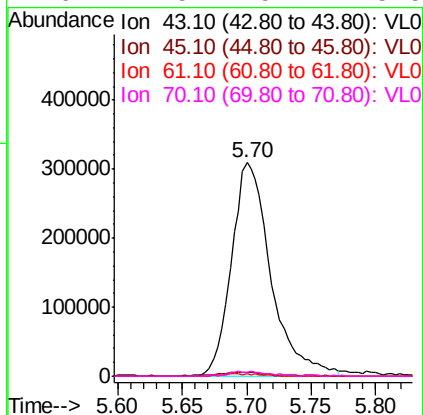
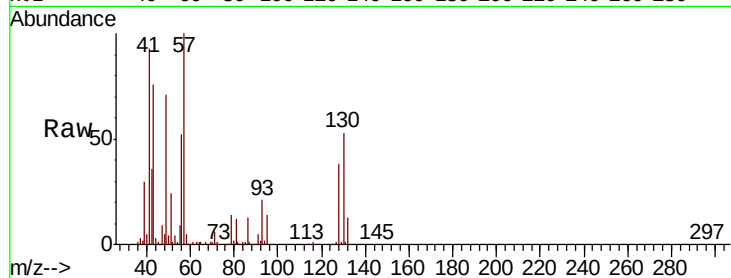




#25
Ethyl Acetate
Concen: 2.000 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

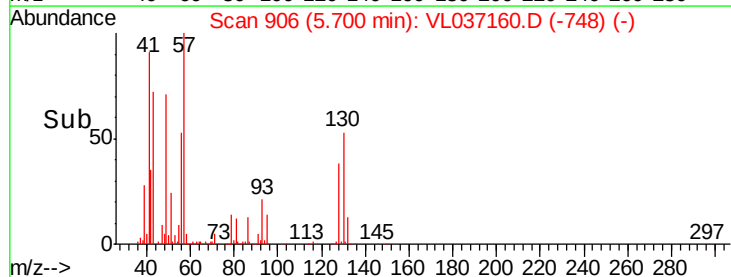
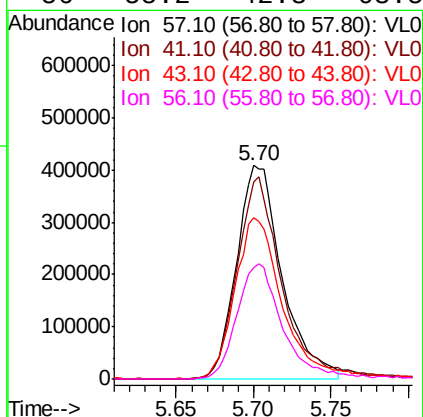
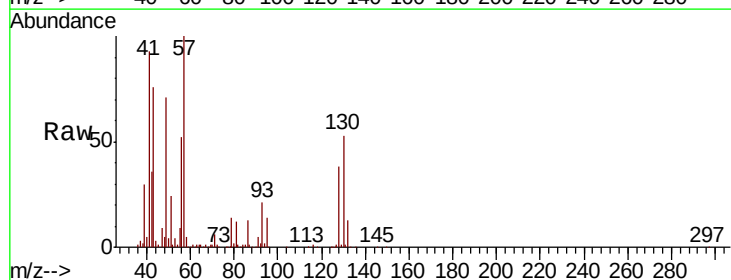
Instrument :
MSVOA_L
ClientSampleId :

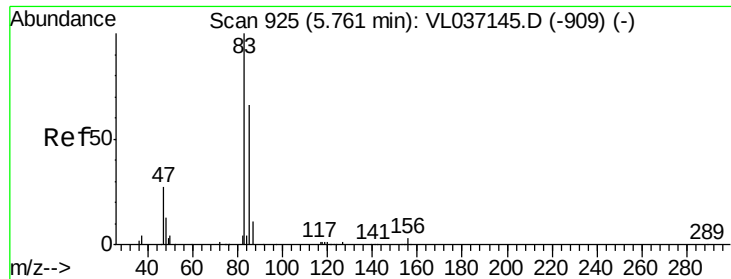
Tot Ion:	43	Resp:	652138
Ion	Ratio	Lower	Upper
43	100		
45	2.3	7.8	11.8#
61	1.4	7.5	11.3#
70	2.5	5.7	8.5#



#26
Hexane
Concen: 5.161 ppbv
RT: 5.70 min Scan# 906
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion:	57	Resp:	837005
Ion	Ratio	Lower	Upper
57	100		
41	94.8	73.6	110.4
43	79.5	168.8	253.2#
56	55.2	42.3	63.5

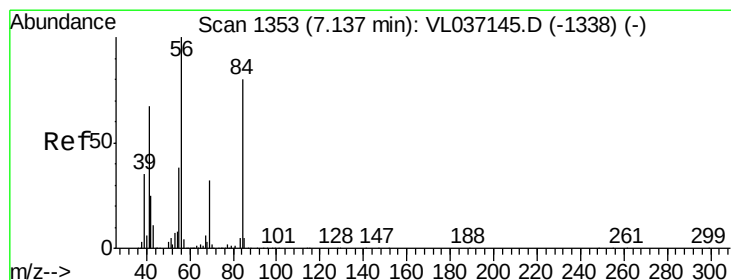
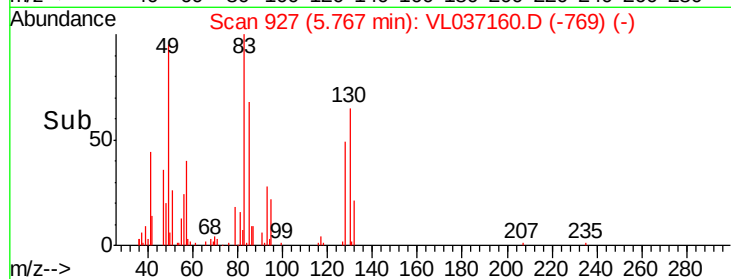
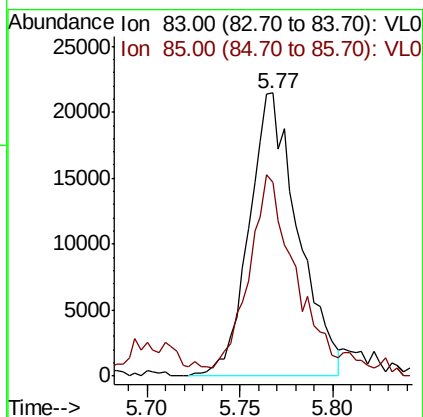
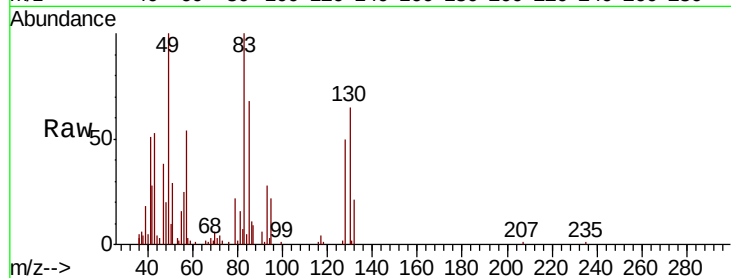




#29
Chloroform
Concen: 0.151 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

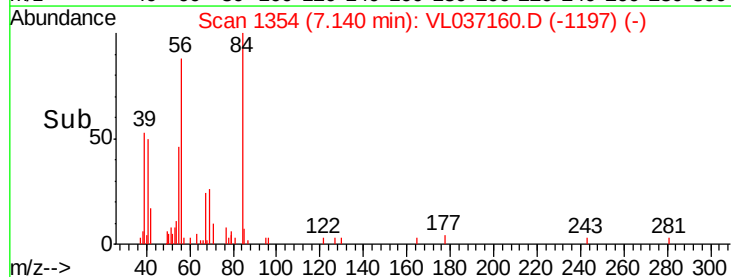
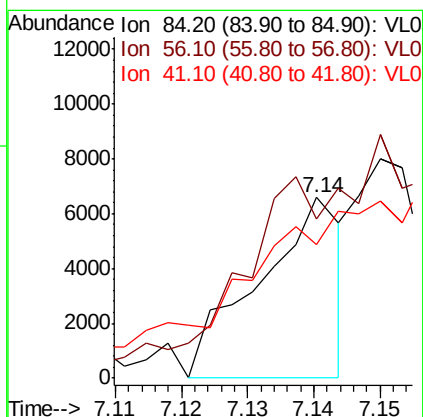
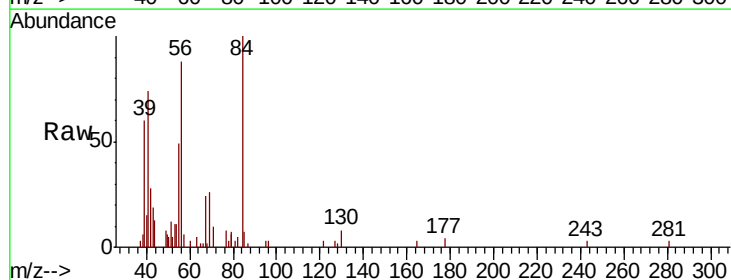
Instrument :
MSVOA_L
ClientSampleId :

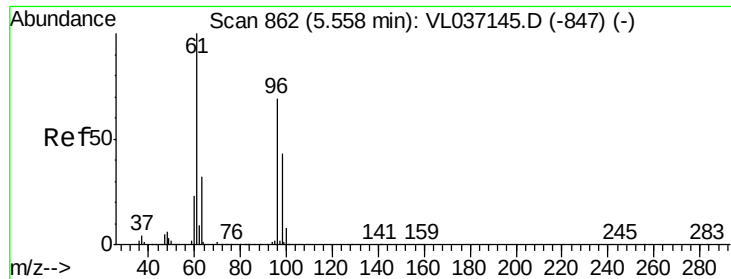
Tot Ion: 83 Resp: 39603
Ion Ratio Lower Upper
83 100
85 65.0 52.6 78.8



#30
Cyclohexane
Concen: 0.040 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.00 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 84 Resp: 5696
Ion Ratio Lower Upper
84 100
56 0.0 103.9 155.9#
41 0.0 66.5 99.7#





#31

cis-1,2-Dichloroethene

Concen: 0.026 ppbv

RT: 5.69 min Scan# 903

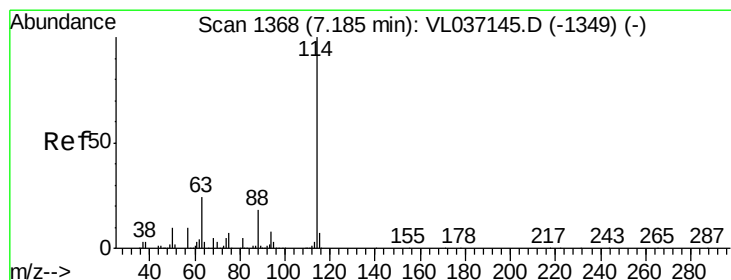
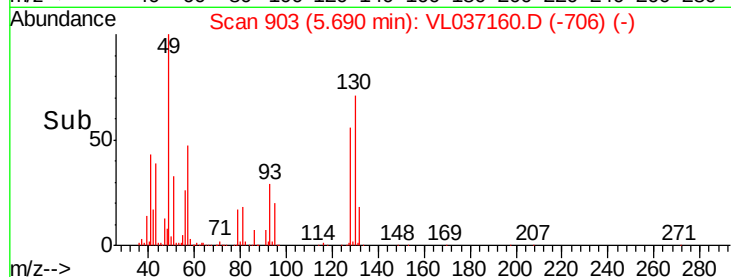
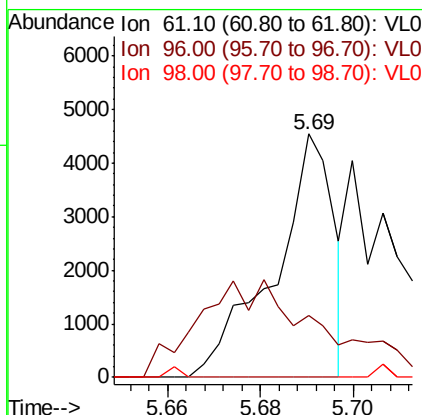
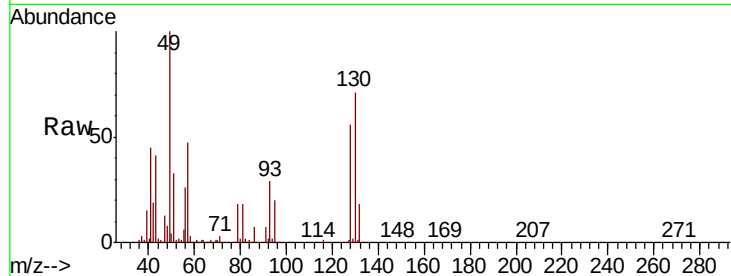
Delta R.T. 0.13 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	61	Resp:	4065
Ion	Ratio	Lower	Upper
61	100		
96	17.1	55.3	82.9#
98	0.0	34.7	52.1#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

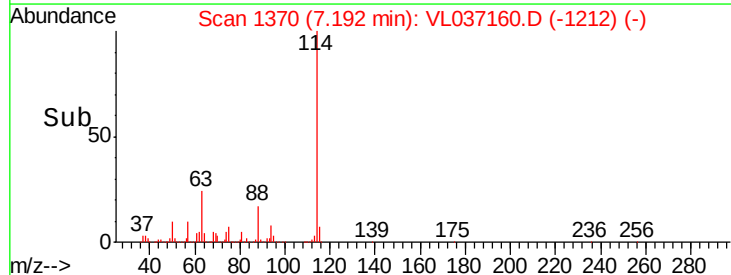
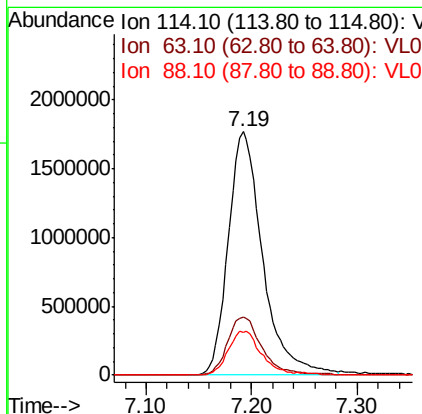
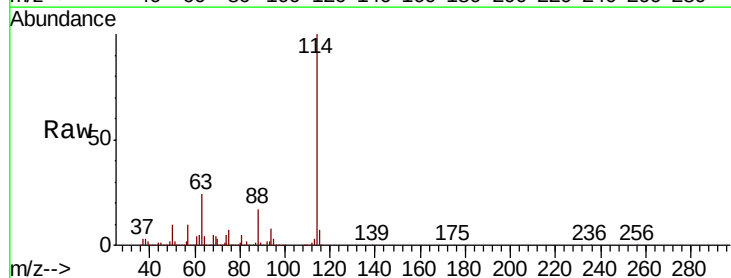
RT: 7.19 min Scan# 1370

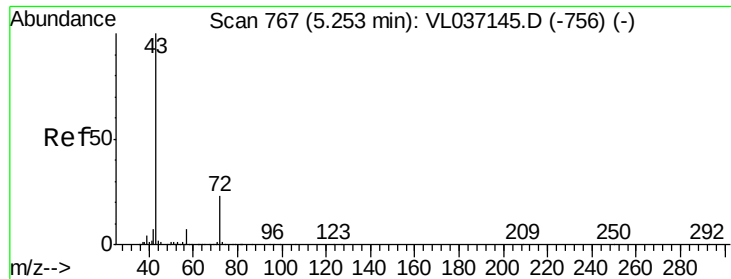
Delta R.T. 0.01 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Tgt Ion:	114	Resp:	4006038
Ion	Ratio	Lower	Upper
114	100		
63	24.3	19.8	29.6
88	18.1	14.3	21.5

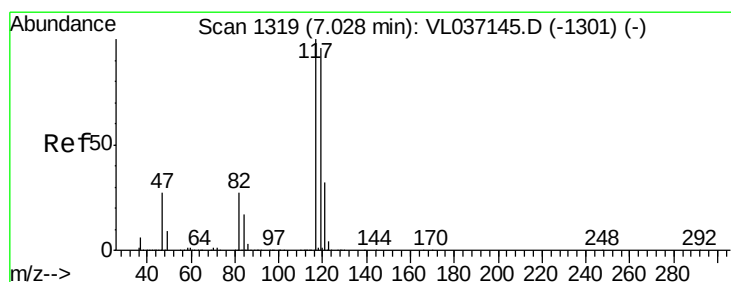
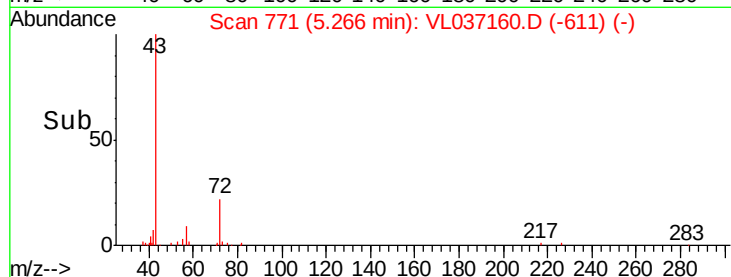
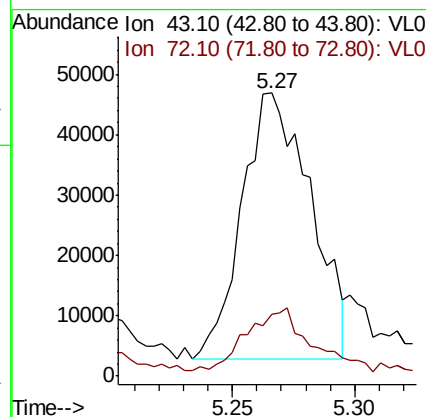
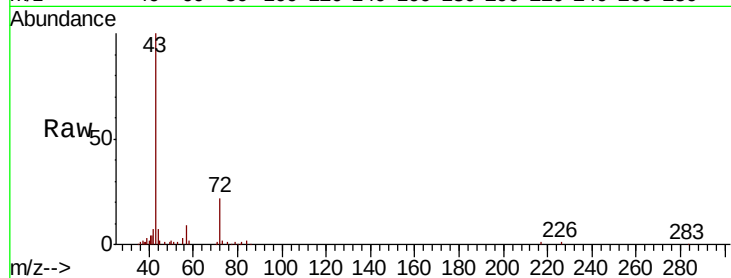




#34
2-Butanone
Concen: 0.572 ppbv
RT: 5.27 min Scan# 771
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

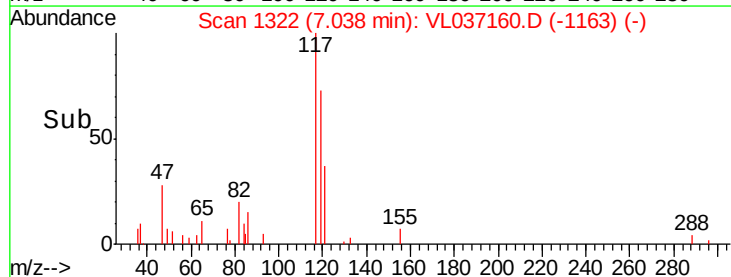
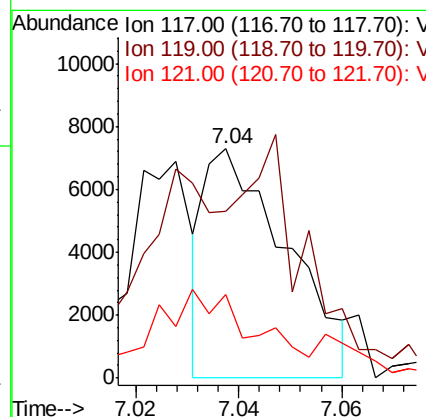
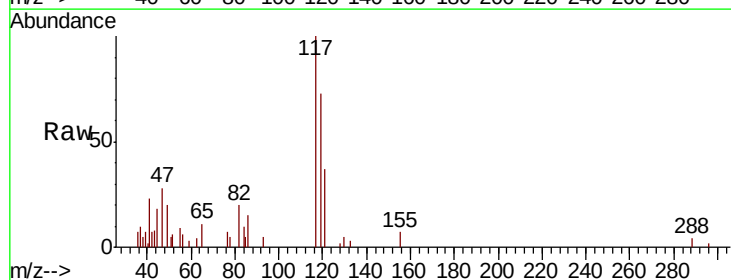
Instrument :
MSVOA_L
ClientSampled :

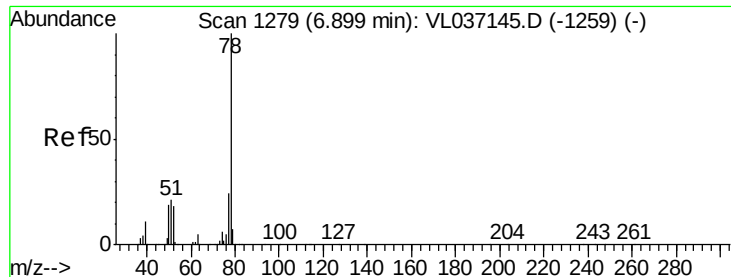
Tot Ion: 43 Resp: 86016
Ion Ratio Lower Upper
43 100
72 29.4 18.6 28.0#



#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.04 min Scan# 1322
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 117 Resp: 8019
Ion Ratio Lower Upper
117 100
119 56.2 77.0 115.4#
121 29.0 25.4 38.0

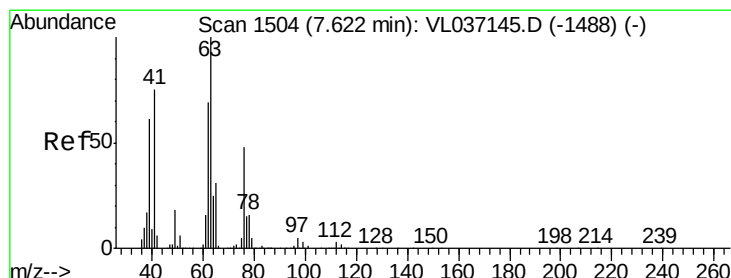
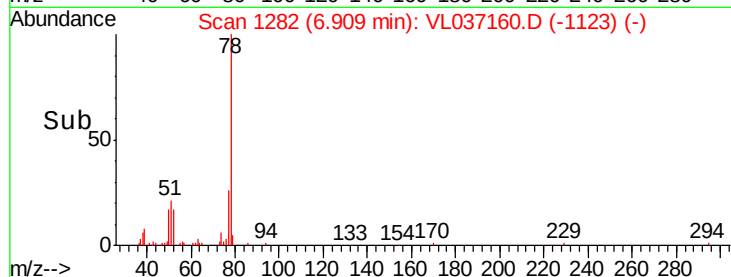
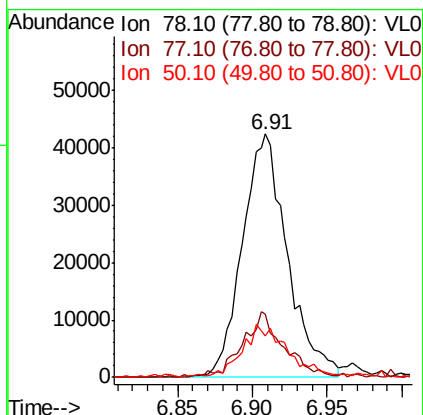
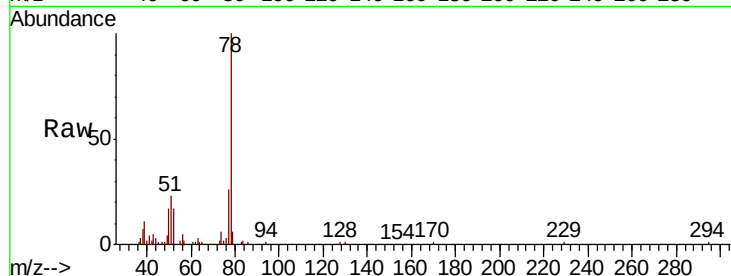




#36
Benzene
Concen: 0.279 ppbv
RT: 6.91 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

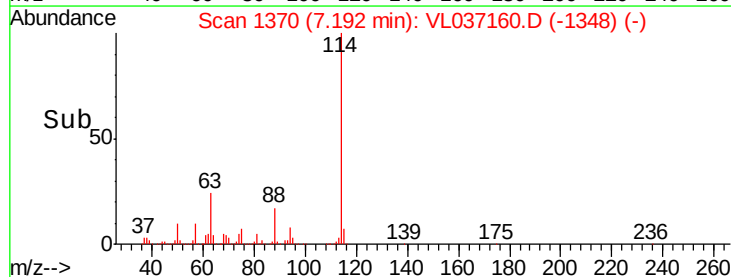
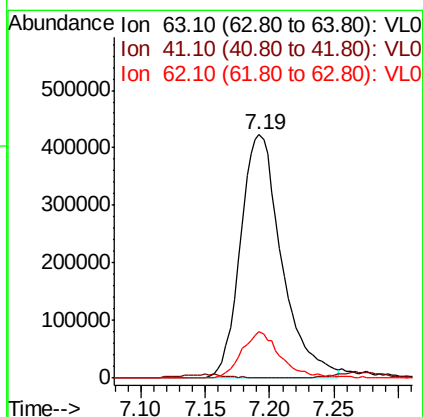
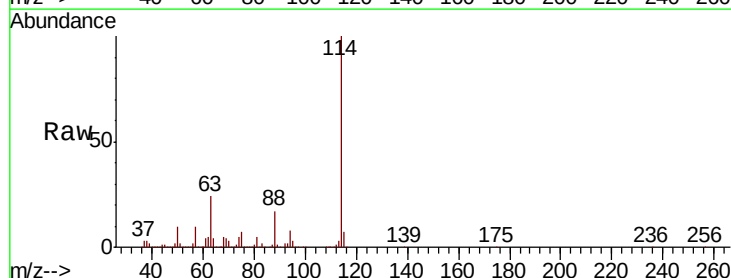
Instrument :
MSVOA_L
ClientSampleId :

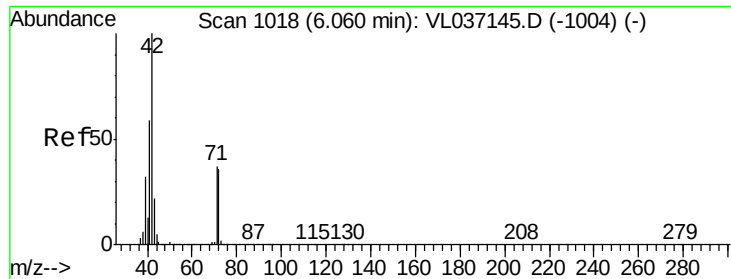
Tot Ion: 78 Resp: 88776
Ion Ratio Lower Upper
78 100
77 25.6 19.5 29.3
50 16.0 15.5 23.3



#39
1,2-Dichloropropane
Concen: 7.768 ppbv
RT: 7.19 min Scan# 1370
Delta R.T. -0.43 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 63 Resp: 942744
Ion Ratio Lower Upper
63 100
41 0.0 60.0 90.0#
62 19.1 55.4 83.0#





#41

Tetrahydrofuran

Concen: 0.067 ppbv

RT: 6.34 min Scan# 1105

Delta R.T. 0.28 min

Lab File: VL037160.D

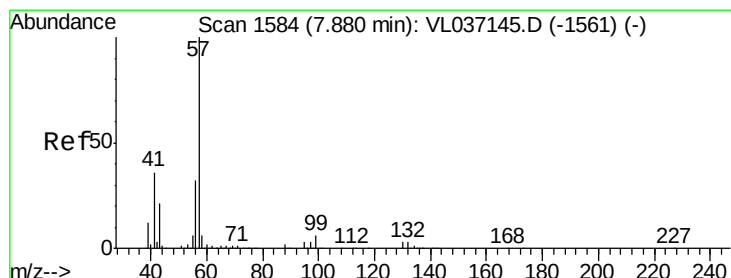
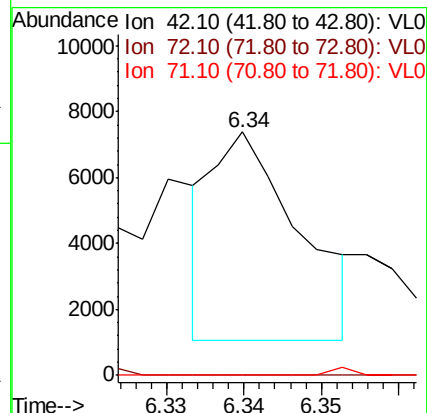
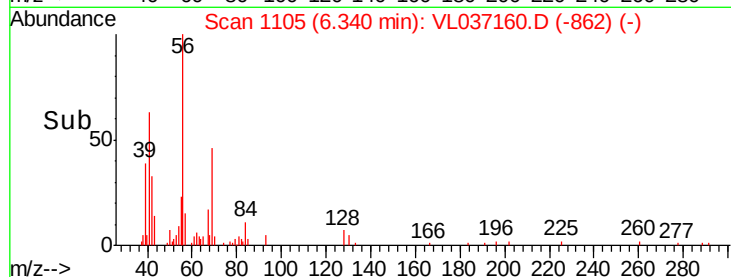
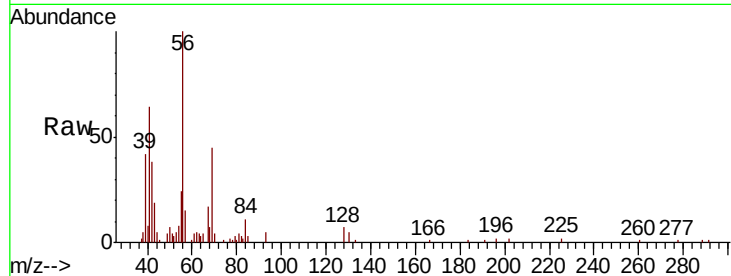
Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:	42	Resp:	4907
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	0.0	31.0	46.6#



#44

2,2,4-Trimethylpentane

Concen: 0.331 ppbv

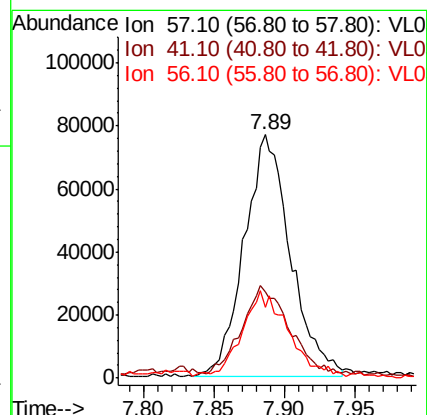
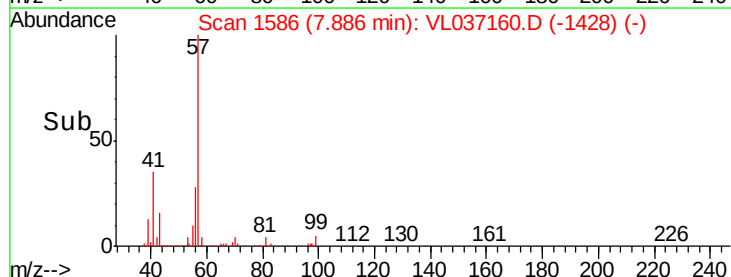
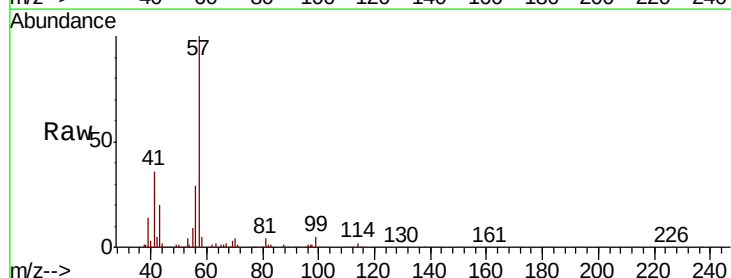
RT: 7.89 min Scan# 1586

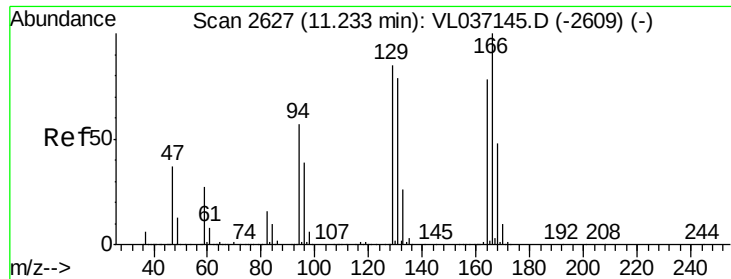
Delta R.T. 0.01 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Tgt Ion:	57	Resp:	176082
Ion	Ratio	Lower	Upper
57	100		
41	39.3	28.1	42.1
56	39.1	25.4	38.2#





#52

Tetrachloroethene

Concen: 0.076 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.00 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

ClientSampled :

Tot Ion:164 Resp: 9971

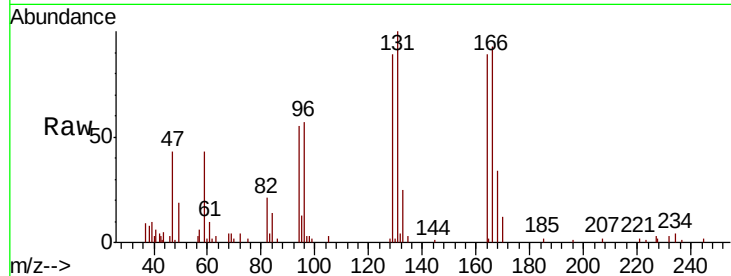
Ion Ratio Lower Upper

164 100

166 102.7 102.6 154.0

129 103.9 87.4 131.2

131 111.8 81.4 122.2

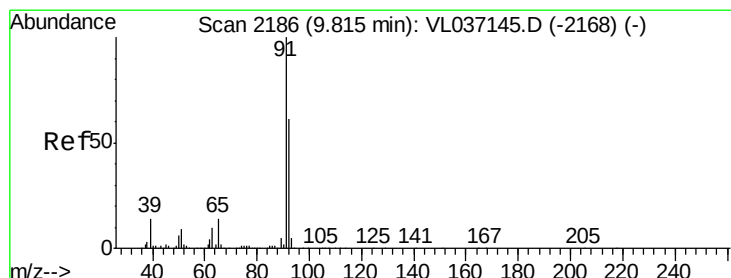
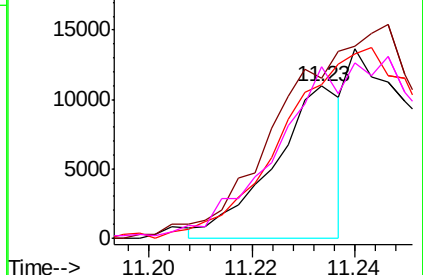
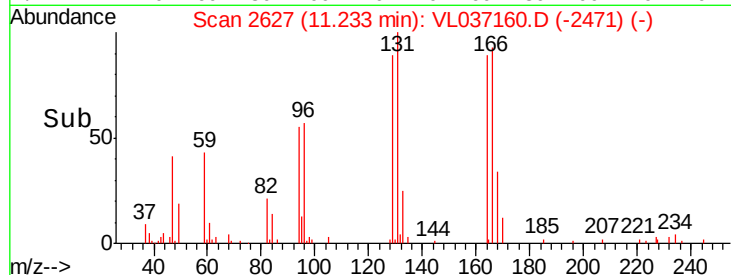


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.899 ppbv

RT: 9.83 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VL037160.D

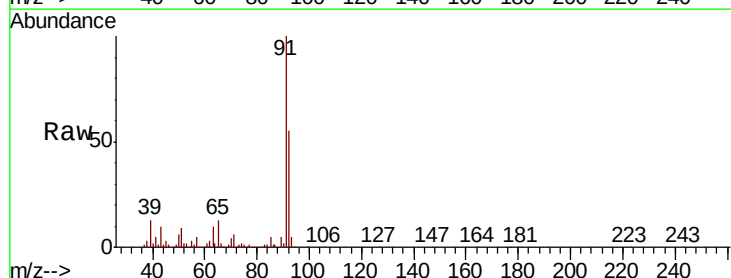
Acq: 15 Jun 2021 17:10

Tgt Ion: 91 Resp: 339800

Ion Ratio Lower Upper

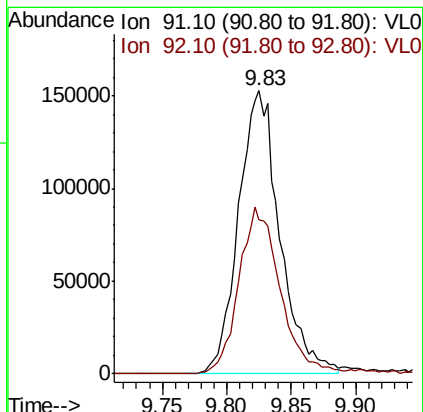
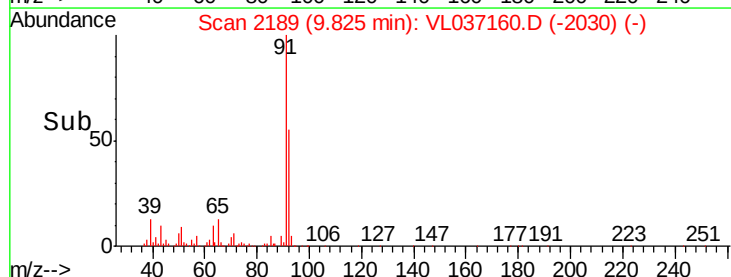
91 100

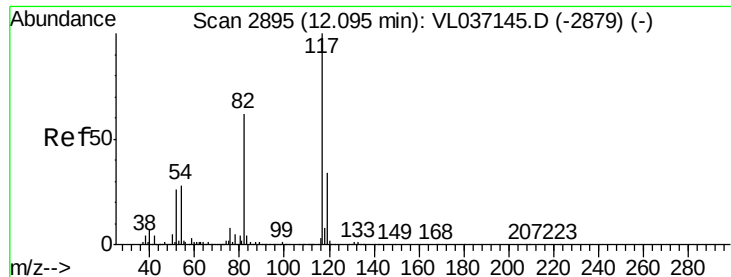
92 60.1 48.6 73.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2898

Delta R.T. 0.01 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

ClientSampleId :

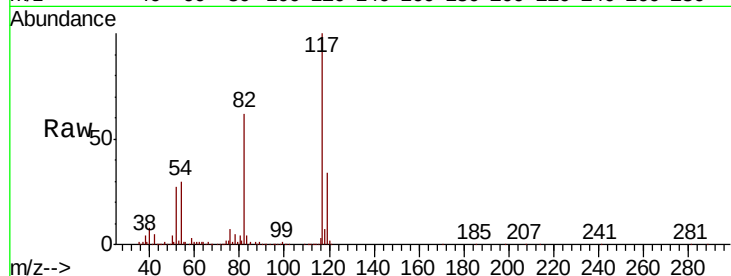
Tot Ion:117 Resp: 3550373

Ion Ratio Lower Upper

117 100

82 63.9 50.6 76.0

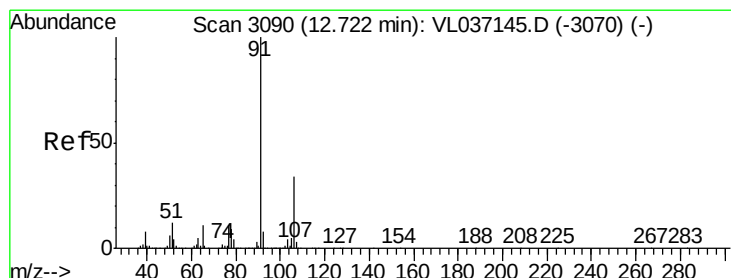
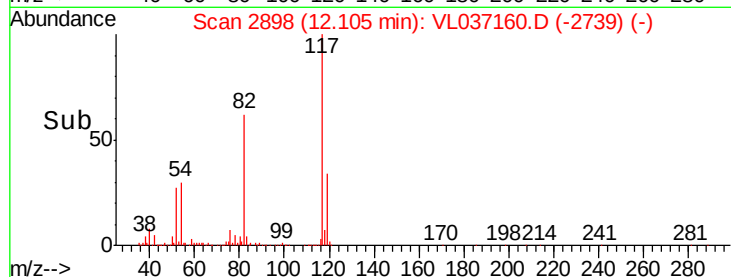
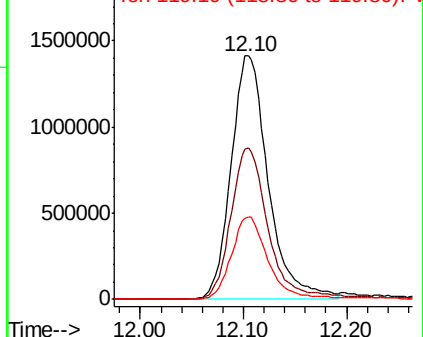
119 34.9 27.1 40.7



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.116 ppbv

RT: 12.73 min Scan# 3093

Delta R.T. 0.01 min

Lab File: VL037160.D

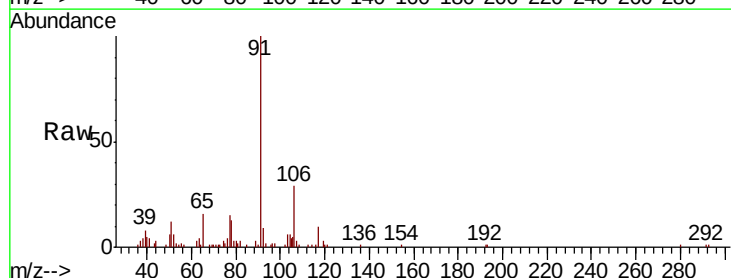
Acq: 15 Jun 2021 17:10

Tgt Ion: 91 Resp: 55925

Ion Ratio Lower Upper

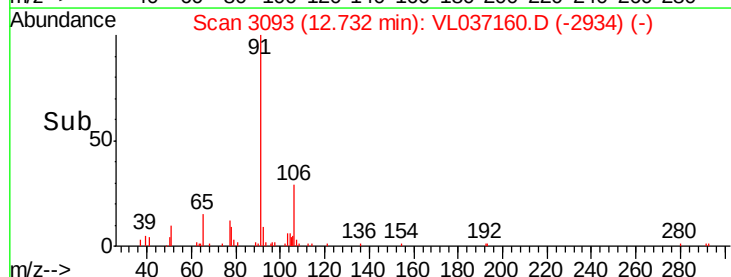
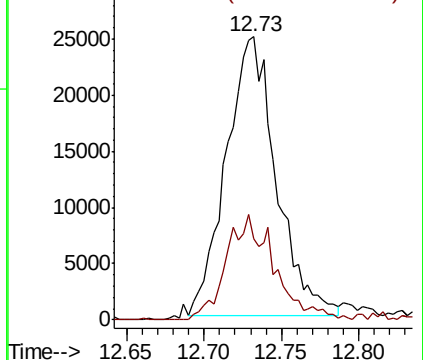
91 100

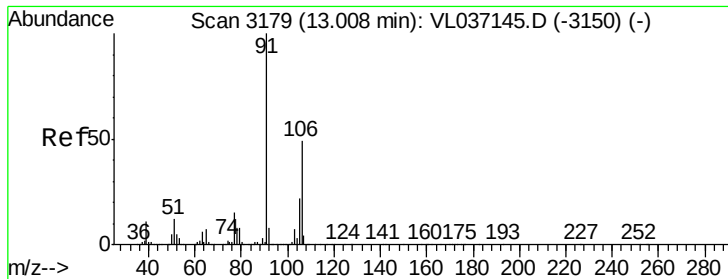
106 29.3 26.8 40.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

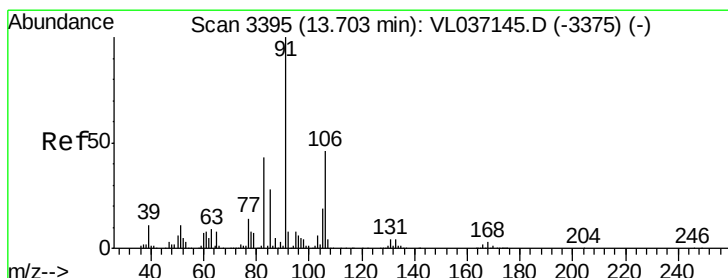
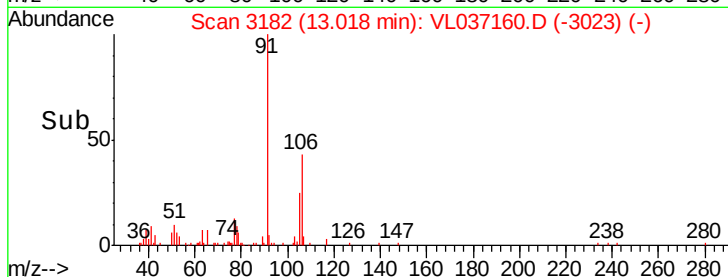
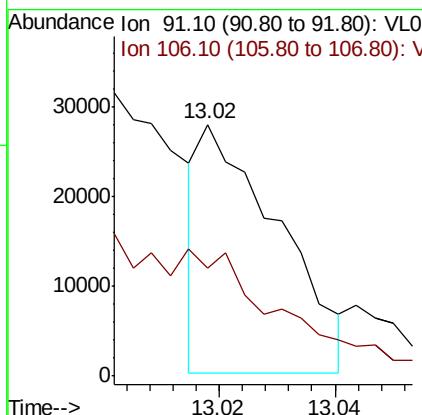
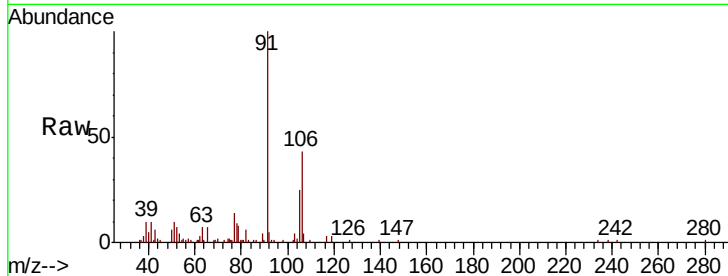




#59
m/p-Xylene
Concen: 0.064 ppbv
RT: 13.02 min Scan# 3182
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

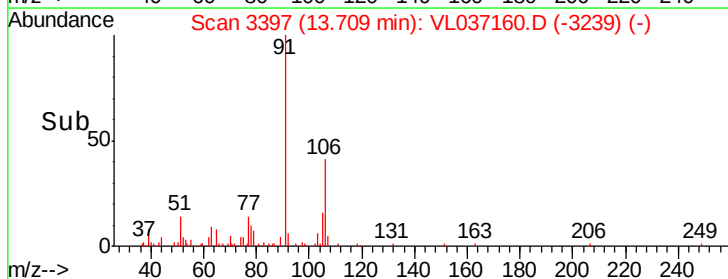
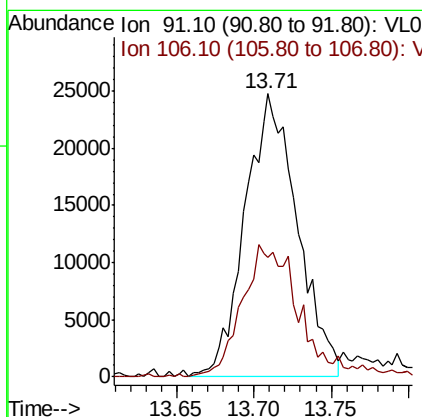
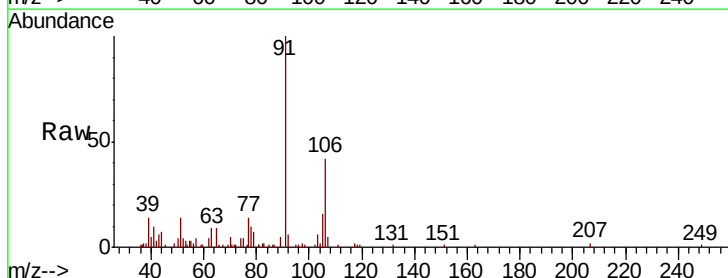
Instrument :
MSVOA_L
ClientSampleId :

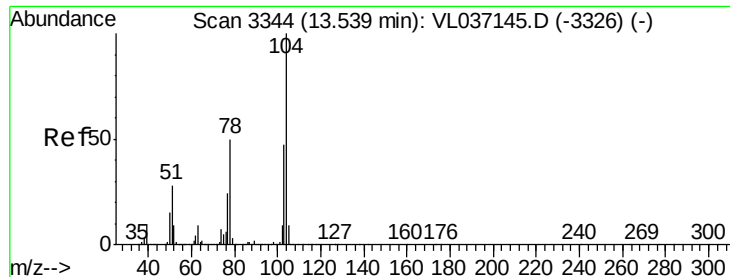
Tot Ion: 91 Resp: 26076
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#



#60
o-Xylene
Concen: 0.148 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 91 Resp: 58265
Ion Ratio Lower Upper
91 100
106 52.1 23.1 69.3

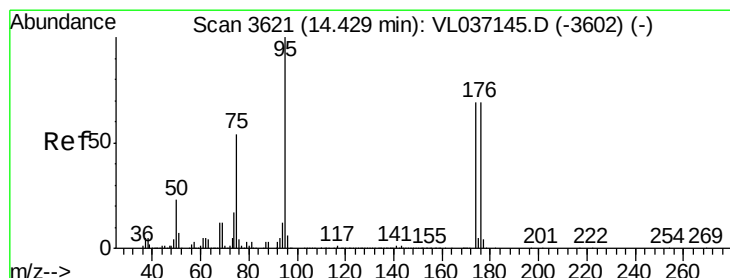
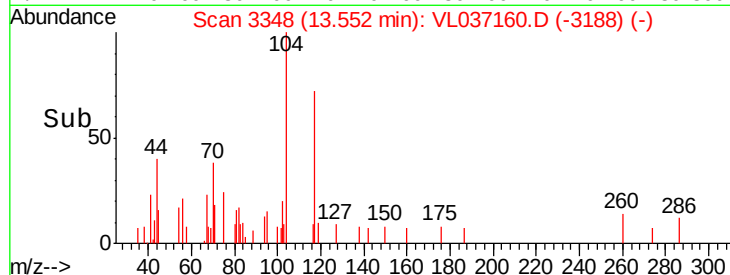
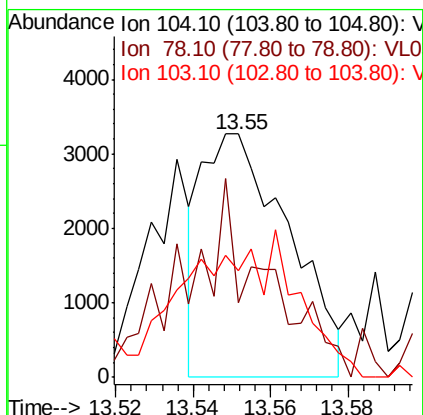
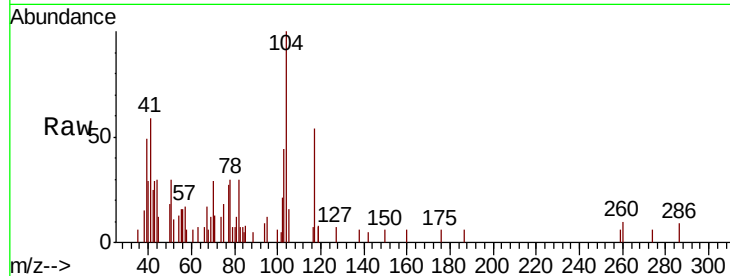




#61
Stvrene
Concen: 0.025 ppbv
RT: 13.55 min Scan# 3348
Delta R.T. 0.01 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

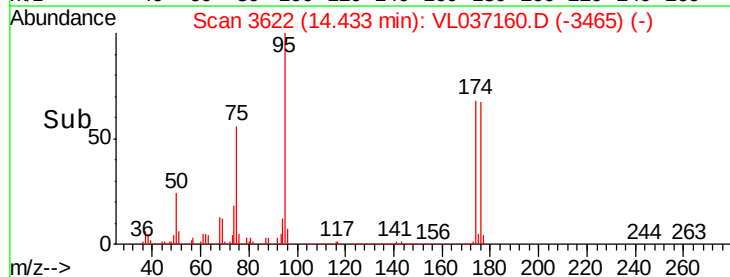
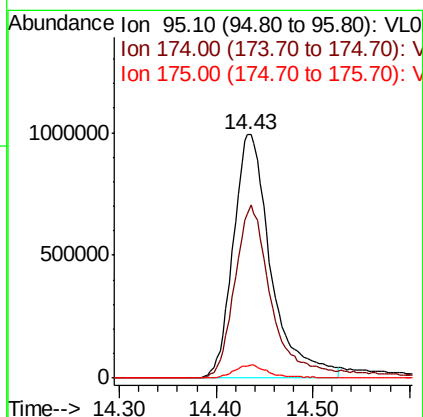
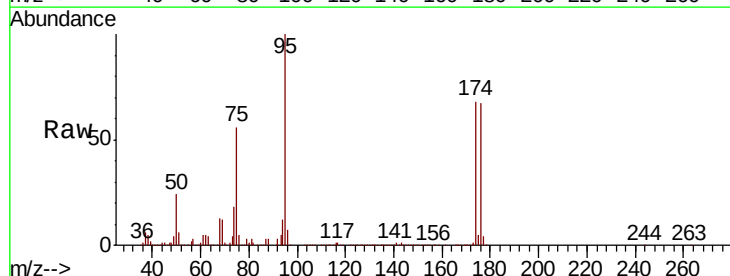
Instrument :
MSVOA_L
ClientSampled :

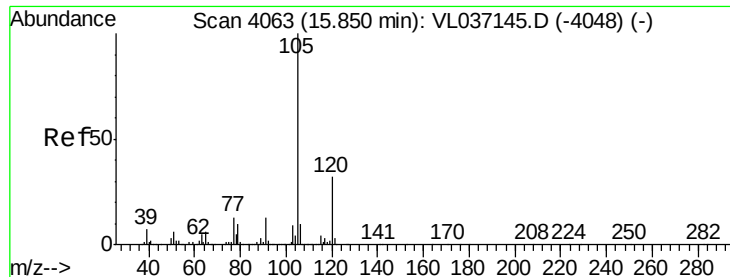
Tot Ion:104 Resp: 5116
Ion Ratio Lower Upper
104 100
78 80.4 40.9 61.3#
103 80.1 38.6 58.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.303 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.00 min
Lab File: VL037160.D
Acq: 15 Jun 2021 17:10

Tgt Ion: 95 Resp: 2694230
Ion Ratio Lower Upper
95 100
174 73.1 57.6 86.4
175 5.4 4.4 6.6





#72

4-Ethyltoluene

Concen: 0.033 ppbv

RT: 15.86 min Scan# 4067

Delta R.T. 0.01 min

Lab File: VL037160.D

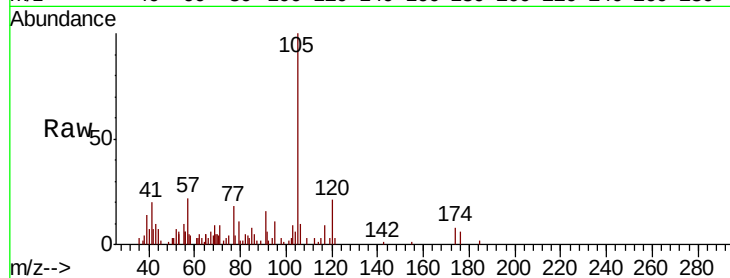
Acq: 15 Jun 2021 17:10

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	15010
Ion	Ratio	Lower	Upper
105	100		
120	77.2	25.1	37.7#
91	40.1	10.3	15.5#
77	0.0	11.0	16.6#

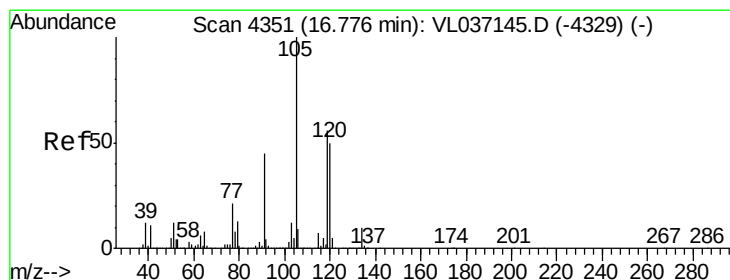
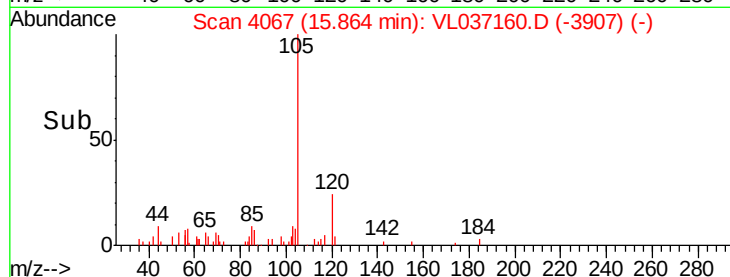
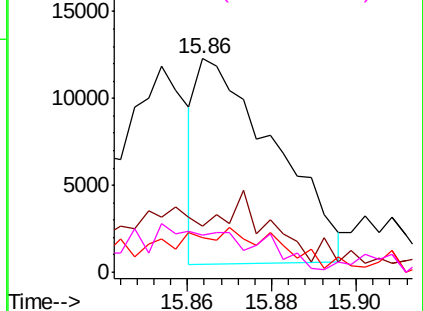


Abundance Ion 105.10 (104.80 to 105.80): V

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



#74

1,2,4-Trimethylbenzene

Concen: 0.045 ppbv

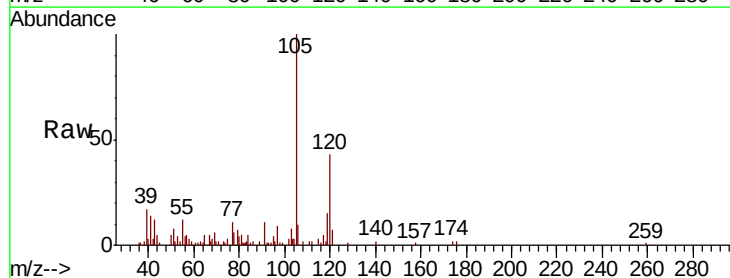
RT: 16.80 min Scan# 4358

Delta R.T. 0.02 min

Lab File: VL037160.D

Acq: 15 Jun 2021 17:10

Tgt Ion:	105	Resp:	19939
Ion	Ratio	Lower	Upper
105	100		
120	47.0	39.7	59.5
91	5.5	35.8	53.8#
77	7.8	16.7	25.1#

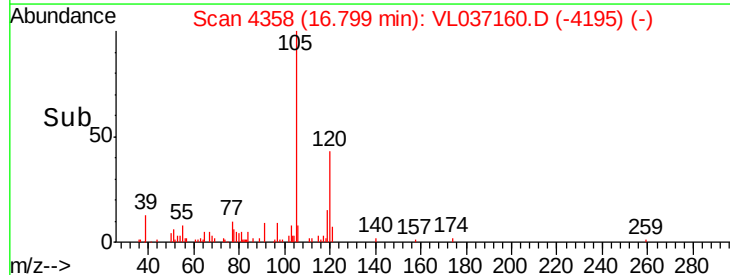
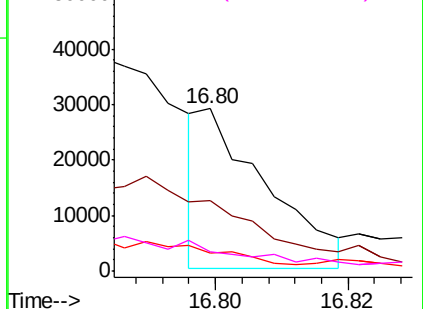


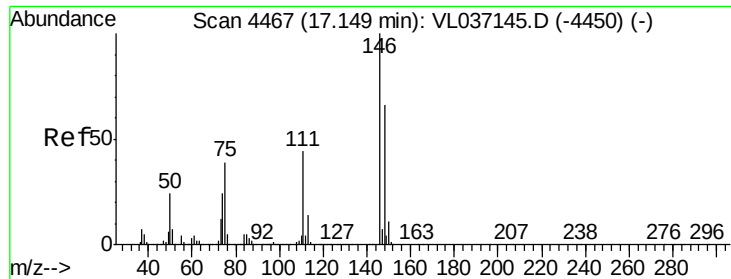
Abundance Ion 105.10 (104.80 to 105.80): V

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

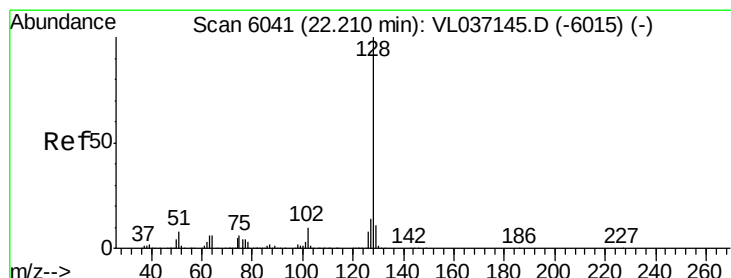
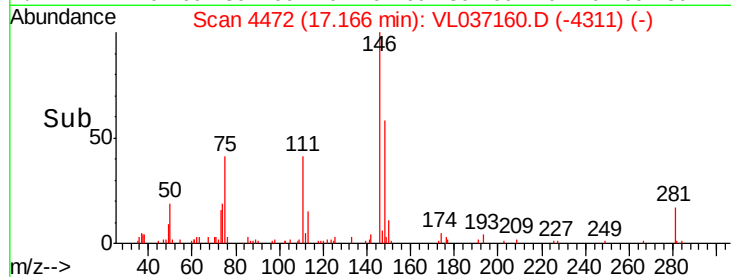
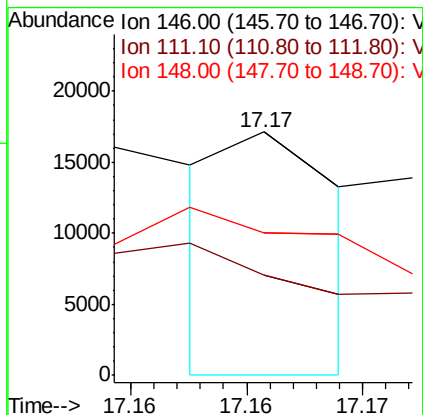
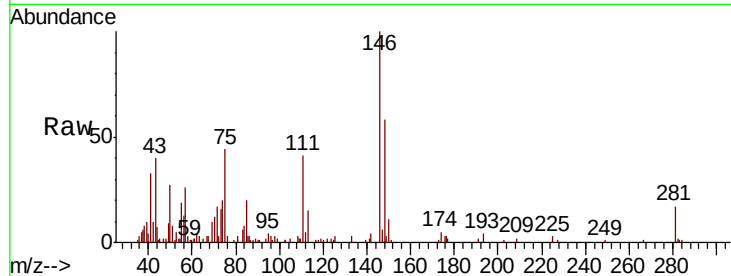




#76
 1,4-Dichlorobenzene
 Concen: 0.022 ppbv
 RT: 17.17 min Scan# 4472
 Delta R.T. 0.02 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

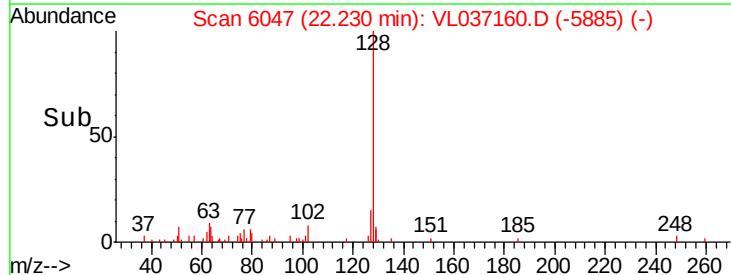
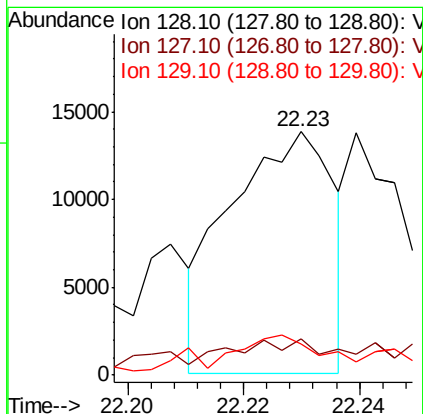
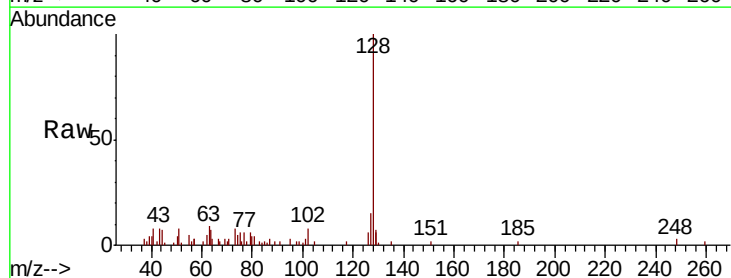
Instrument :
 MSVOA_L
 ClientSampleId :

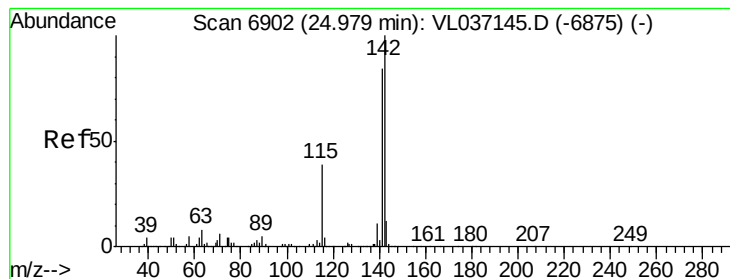
Tot Ion:146 Resp: 5871
 Ion Ratio Lower Upper
 146 100
 111 432.2 21.9 65.5#
 148 526.7 32.4 97.0#



#79
 Naphthalene
 Concen: 0.065 ppbv
 RT: 22.23 min Scan# 6047
 Delta R.T. 0.02 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

Tgt Ion:128 Resp: 17105
 Ion Ratio Lower Upper
 128 100
 127 16.7 10.9 16.3#
 129 5.1 9.0 13.4#

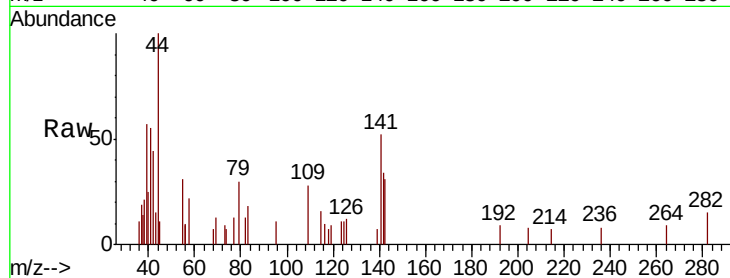




#80
 Naphthalene, 2-methyl-
 Concen: 0.033 ppbv
 RT: 25.01 min Scan# 6911
 Delta R.T. 0.03 min
 Lab File: VL037160.D
 Acq: 15 Jun 2021 17:10

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	67.2	66.7	100.1
115	12.1	32.2	48.2#



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

