

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
 Data File : VL037842.D
 Acq On : 12 Oct 2021 23:11
 Operator : SY/AP
 Sample : M4079-16
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P05

Quant Time: Oct 14 01:07:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1362568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3861620	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3312398	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2368673	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.05	85	38886	0.179	ppbv	99
3) Chlorodifluoromethane	3.20	51	5356	0.020	ppbv	93
4) Chloromethane	3.14	50	35539	0.371	ppbv	97
9) Propene	3.01	41	128602	1.335	ppbv	93
10) Heptane	8.12	43	24563	0.112	ppbv #	27
11) Trichlorofluoromethane	3.95	101	21186	0.109	ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.48	101	6305	0.043	ppbv #	10
13) Ethanol	3.61	45	719448	91.323	ppbv	78
15) Acetone	3.84	43	6807596	55.655	ppbv	98
16) 1,3-Butadiene	3.31	39	213362	2.397	ppbv #	23
17) tert-Butyl alcohol	4.29	59	124183	0.986	ppbv	95
19) Isopropyl Alcohol	3.97	45	347316	4.564	ppbv #	96
20) Methylene Chloride	4.34	84	558080	9.030	ppbv	91
21) Allyl Chloride	4.34	41	4599	0.042	ppbv #	83
23) Vinyl Acetate	5.06	43	119067	0.650	ppbv #	54
25) Ethyl Acetate	5.67	43	1644750	4.792	ppbv #	95
26) Hexane	5.68	57	419623	2.483	ppbv #	26
27) Carbon Disulfide	4.56	76	12704	0.085	ppbv #	1
29) Chloroform	5.75	83	210038	0.869	ppbv	98
30) Cyclohexane	7.12	84	4825	0.034	ppbv #	1
31) cis-1,2-Dichloroethene	5.67	61	157103	1.024	ppbv #	23
34) 2-Butanone	5.24	43	1638784	10.512	ppbv	99
36) Benzene	6.88	78	111560	0.338	ppbv	95
37) 1,2-Dichloroethane	6.30	62	130433	0.840	ppbv	100
38) Trichloroethene	7.83	130	26822	0.206	ppbv #	91
39) 1,2-Dichloropropane	7.17	63	903401	7.282	ppbv #	28
41) Tetrahydrofuran	6.04	42	7399	0.097	ppbv #	36
44) 2,2,4-Trimethylpentane	7.86	57	68215	0.123	ppbv #	50
51) 2-Hexanone	10.12	43	36966	0.408	ppbv #	29
52) Tetrachloroethene	11.22	164	3449284	26.879	ppbv	97
53) Toluene	9.80	91	2105933	5.761	ppbv	100
58) Ethyl Benzene	12.70	91	84751	0.191	ppbv	95
59) m/p-Xylene	12.98	91	36233	0.095	ppbv #	30
60) o-Xylene	13.67	91	76563	0.209	ppbv #	30
61) Styrene	13.51	104	76139	0.430	ppbv	96
66) Benzyl Chloride	16.97	91	473	0.021	ppbv #	81
72) 4-Ethyltoluene	15.82	105	14821	0.036	ppbv #	55
74) 1,2,4-Trimethylbenzene	16.74	105	34320	0.087	ppbv #	68
80) Naphthalene,2-methyl-	24.96	142	4399	0.068	ppbv #	79

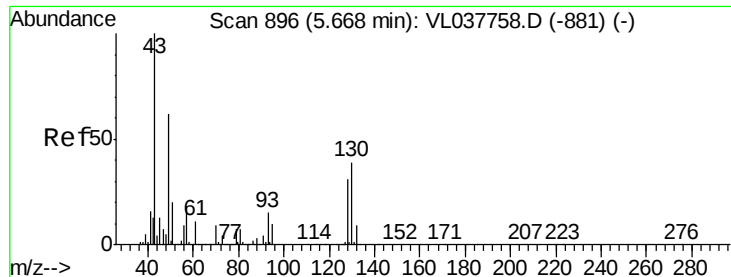
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101221\
Data File : VL037842.D
Acq On : 12 Oct 2021 23:11
Operator : SY/AP
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Quant Time: Oct 14 01:07:06 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration

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

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: COP05

Acq: 12 Oct 2021 23:11

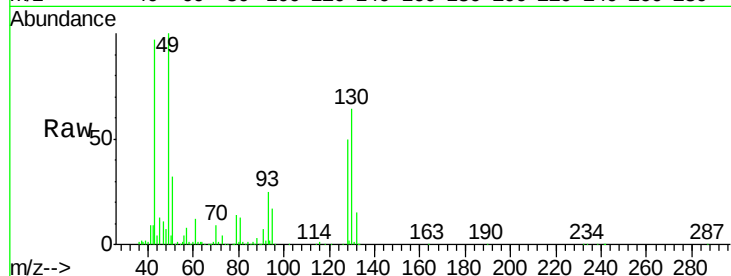
Tgt Ion: 49 Resp: 1362568

Ion Ratio Lower Upper

49 100

128 52.1 27.1 81.3

130 65.8 33.2 99.6



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

5.66

800000

600000

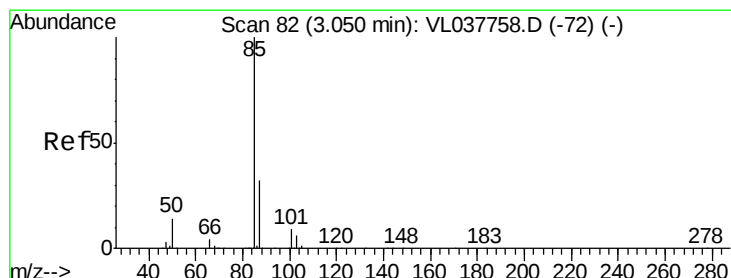
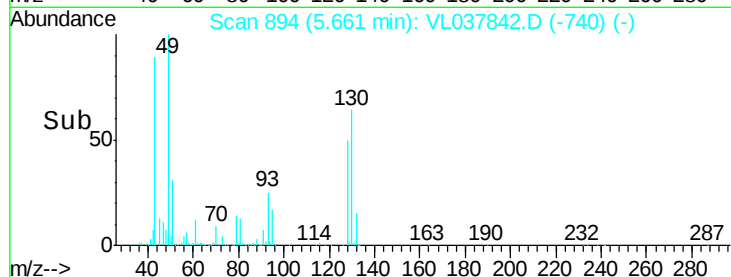
400000

200000

0

Time-->

5.60 5.65 5.70 5.75



#2

Dichlorodifluoromethane

Concen: 0.179 ppbv

RT: 3.05 min Scan# 81

Delta R.T. -0.00 min

Lab File: VL037842.D

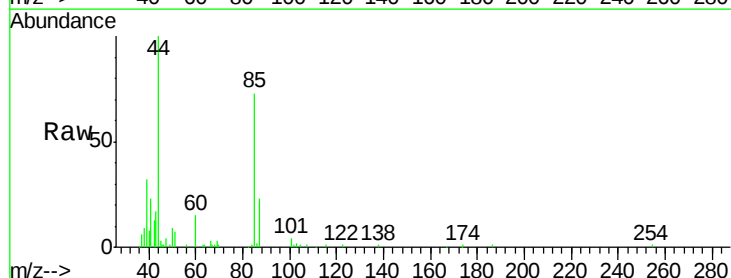
Acq: 12 Oct 2021 23:11

Tgt Ion: 85 Resp: 38886

Ion Ratio Lower Upper

85 100

87 31.3 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

30000

25000

20000

15000

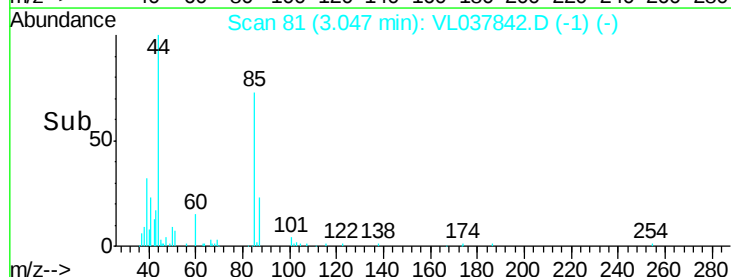
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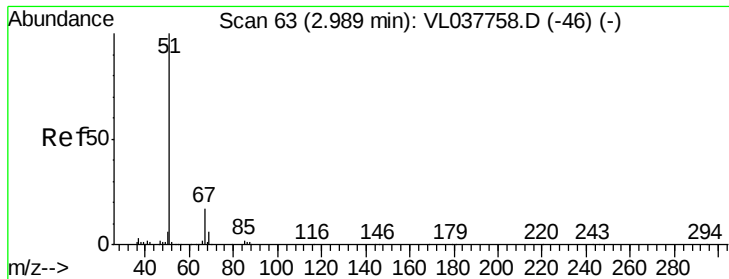
5000

0

Time-->

3.00 3.05





#3

Chlorodifluoromethane

Concen: 0.020 ppbv

RT: 3.20 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

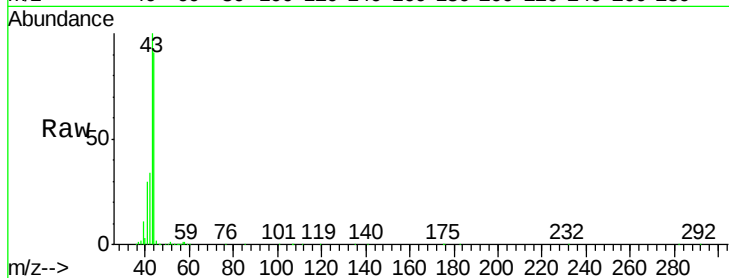
Acq: 12 Oct 2021 23:11 COP05

Tgt Ion: 51 Resp: 5356

Ion Ratio Lower Upper

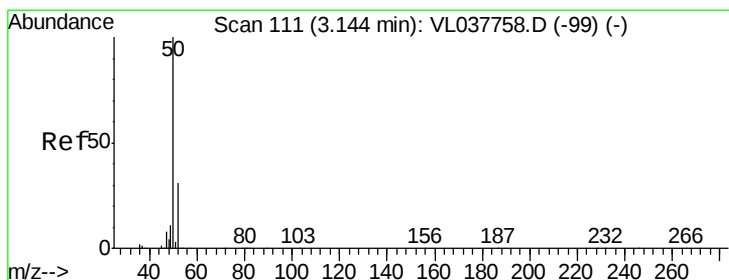
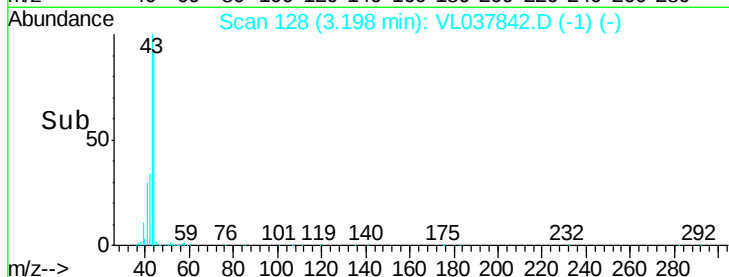
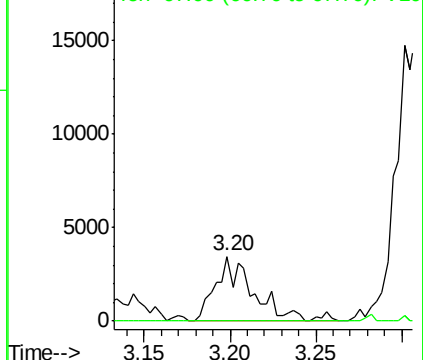
51 100

67 14.1 13.5 20.3



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.371 ppbv

RT: 3.14 min Scan# 109

Delta R.T. -0.01 min

Lab File: VL037842.D

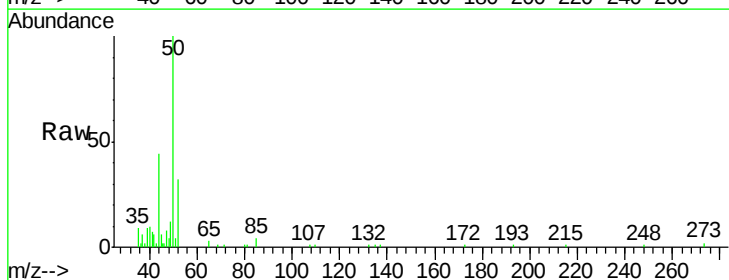
Acq: 12 Oct 2021 23:11

Tgt Ion: 50 Resp: 35539

Ion Ratio Lower Upper

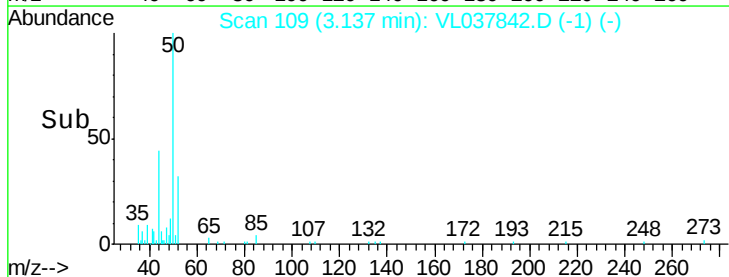
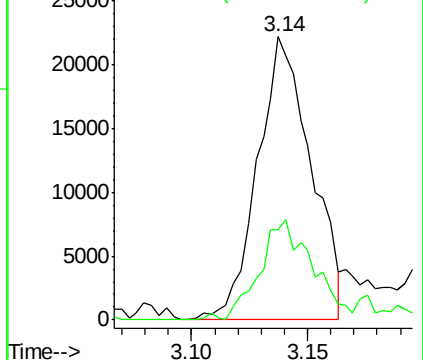
50 100

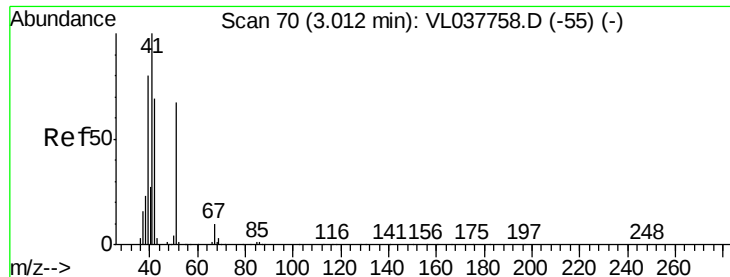
52 32.0 24.4 36.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 1.335 ppbv

RT: 3.01 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

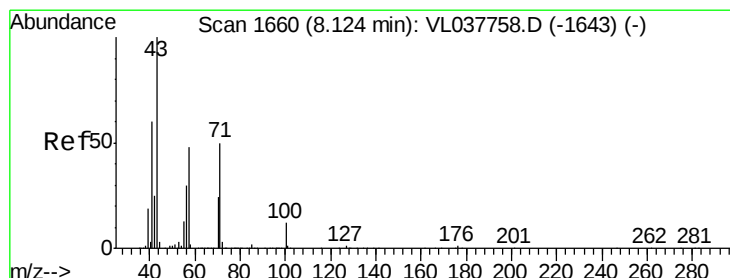
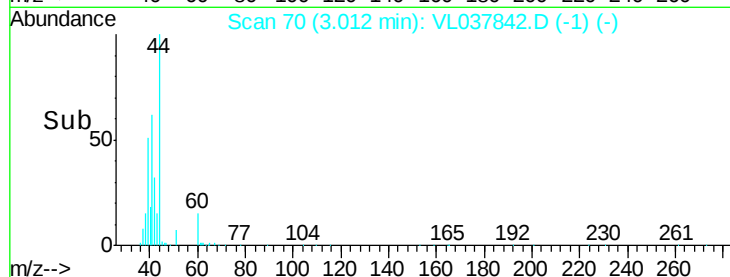
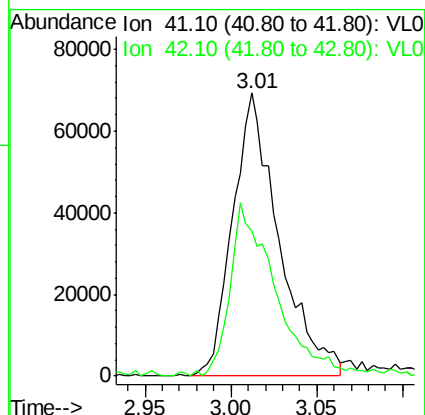
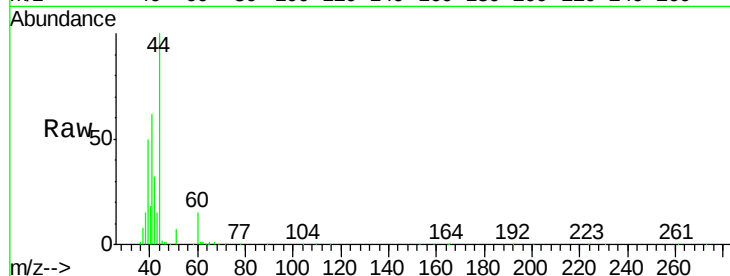
Acq: 12 Oct 2021 23:11 COP05

Tgt Ion: 41 Resp: 128602

Ion Ratio Lower Upper

41 100

42 62.4 54.2 81.2



#10

Heptane

Concen: 0.112 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL037842.D

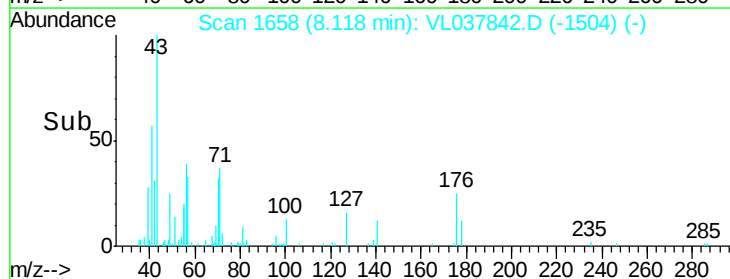
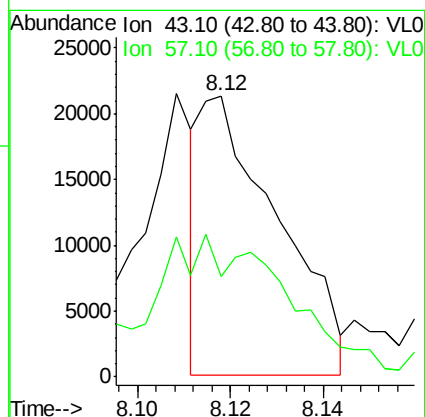
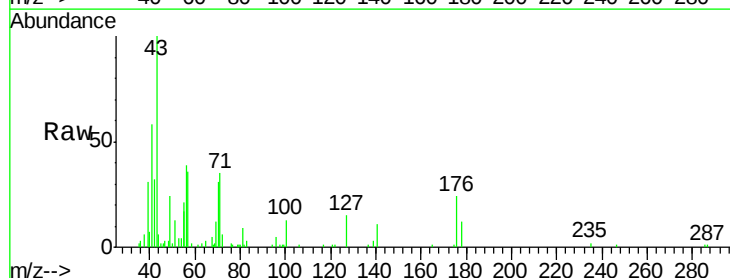
Acq: 12 Oct 2021 23:11

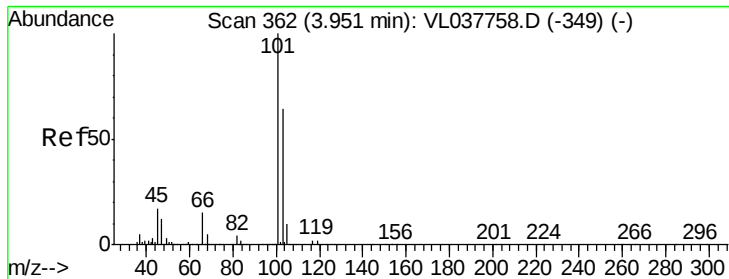
Tgt Ion: 43 Resp: 24563

Ion Ratio Lower Upper

43 100

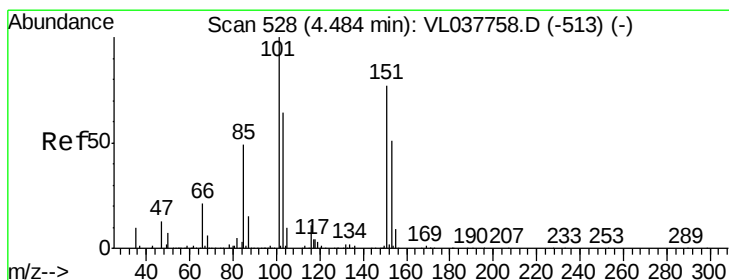
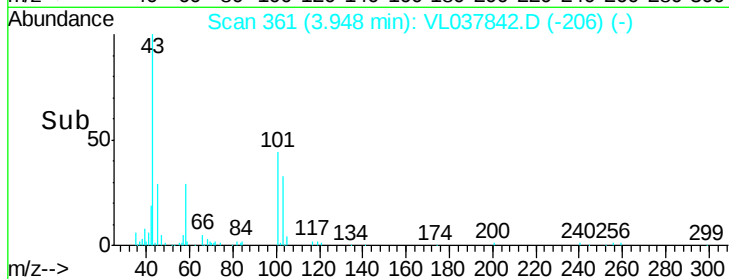
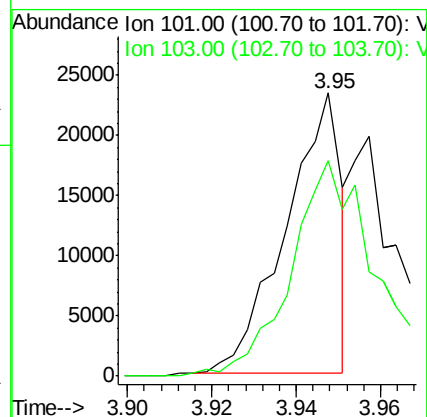
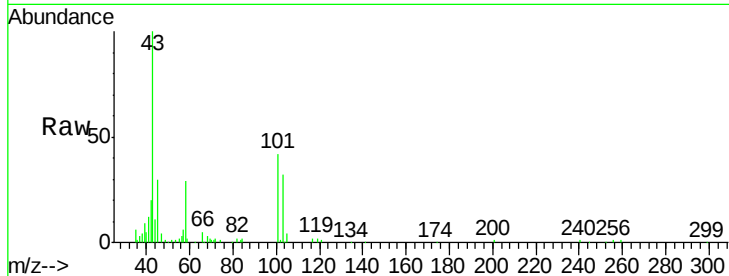
57 100.6 40.0 60.0#





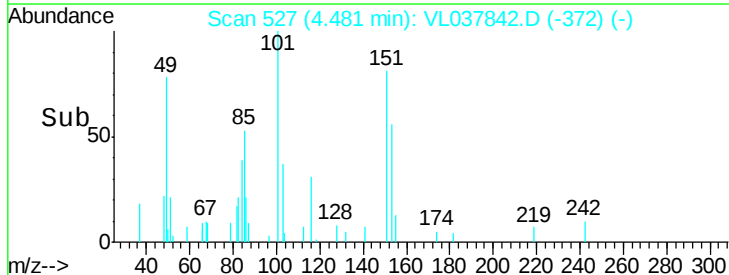
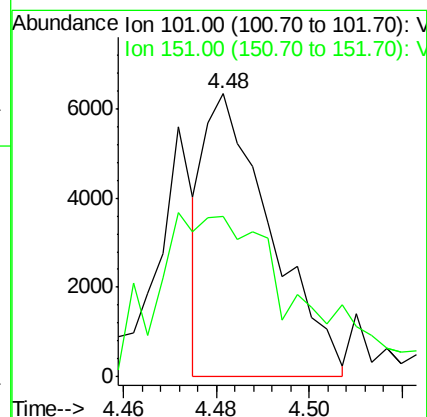
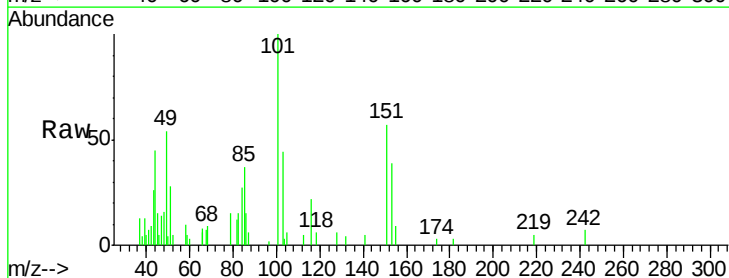
#11
 Trichlorofluoromethane
 Concen: 0.109 ppbv
 RT: 3.95
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 COP05
 Acq: 12 Oct 2021 23:11

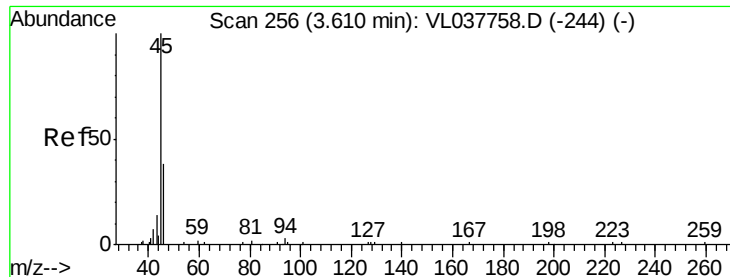
Tgt Ion:101 Resp: 21186
 Ion Ratio Lower Upper
 101 100
 103 75.9 51.5 77.3



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.043 ppbv
 RT: 4.48 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VL037842.D
 Acq: 12 Oct 2021 23:11

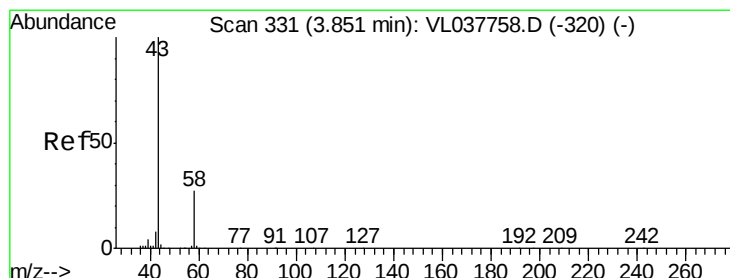
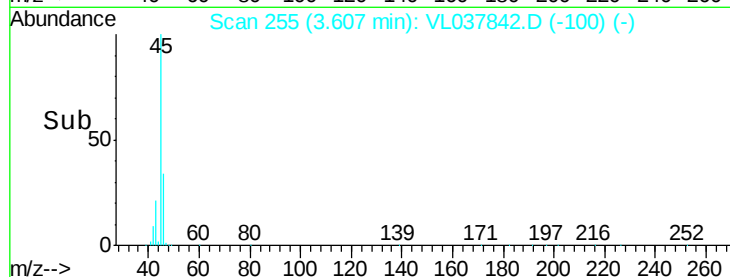
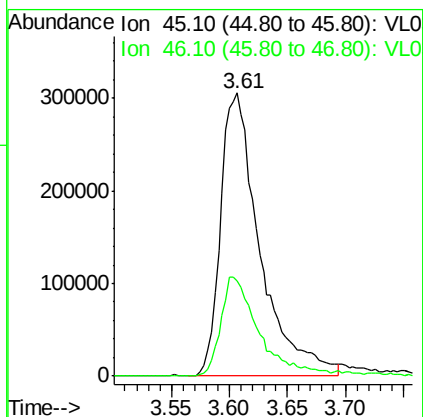
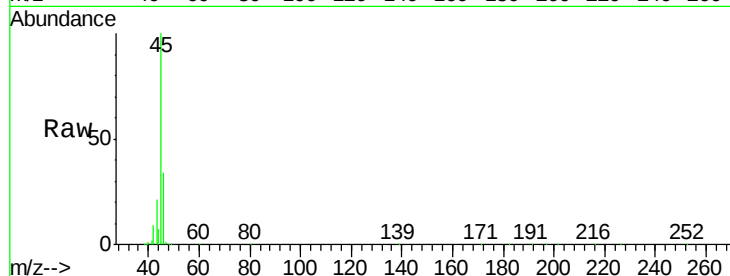
Tgt Ion:101 Resp: 6305
 Ion Ratio Lower Upper
 101 100
 151 0.0 62.9 94.3#





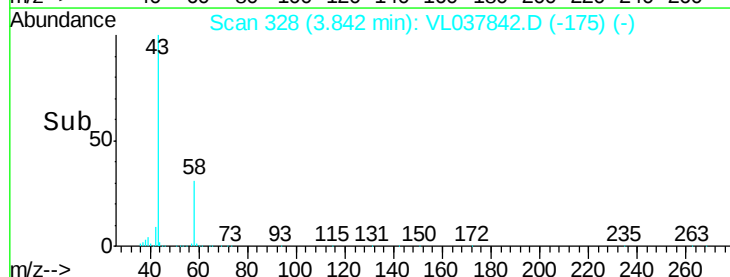
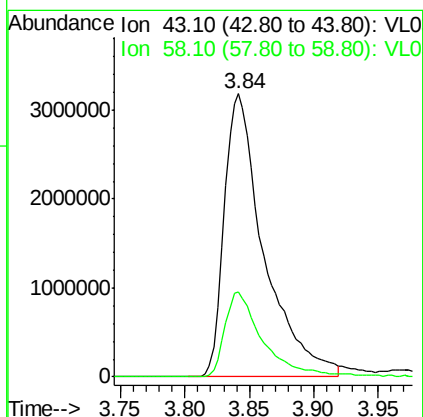
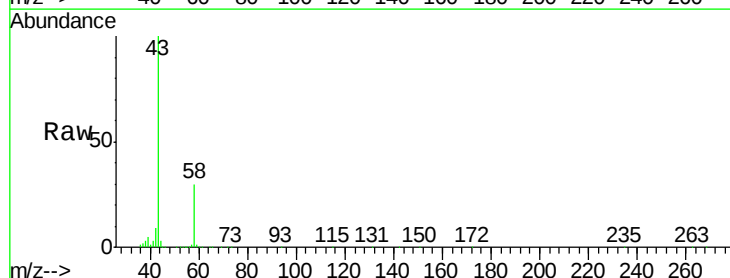
#13
Ethanol
Concen: 91.323 ppbv
RT: 3.61
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11

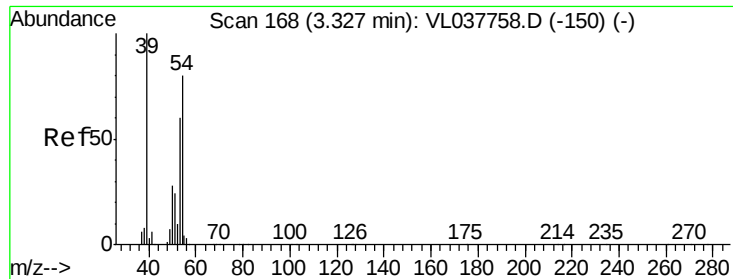
Tgt Ion: 45 Resp: 719448
Ion Ratio Lower Upper
45 100
46 35.7 20.2 81.0



#15
Acetone
Concen: 55.655 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

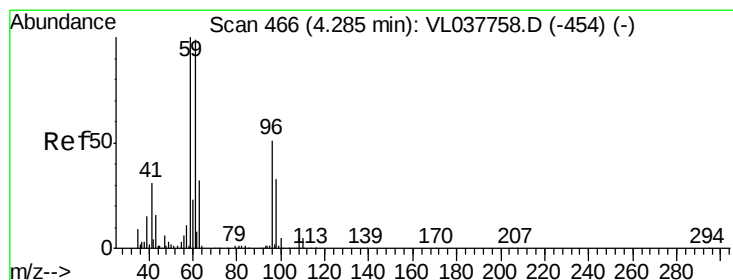
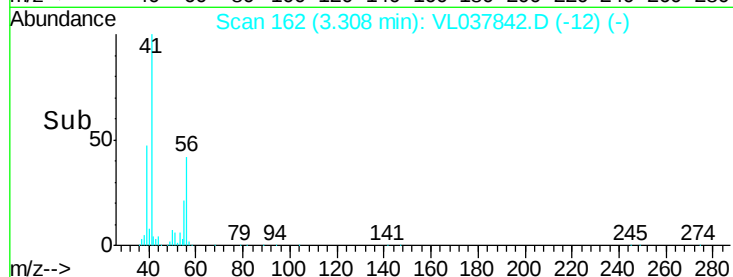
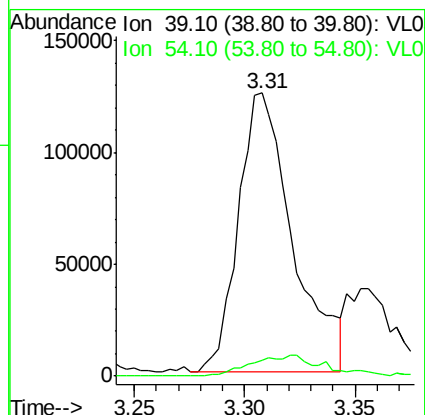
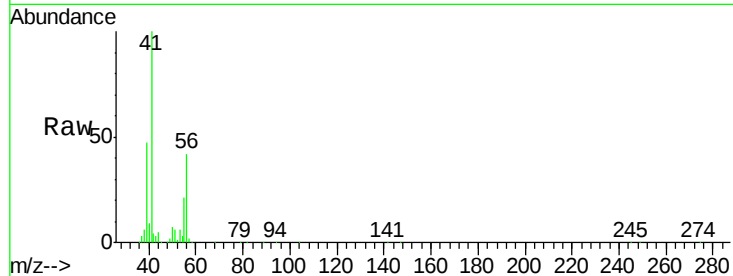
Tgt Ion: 43 Resp: 6807596
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6





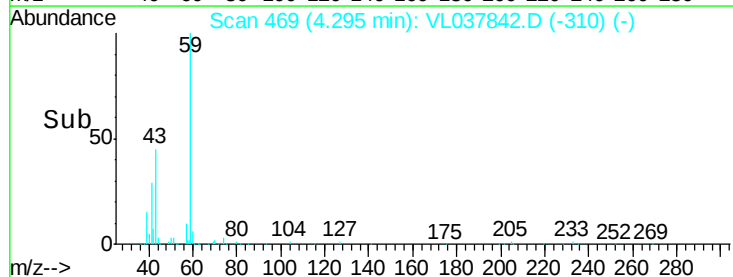
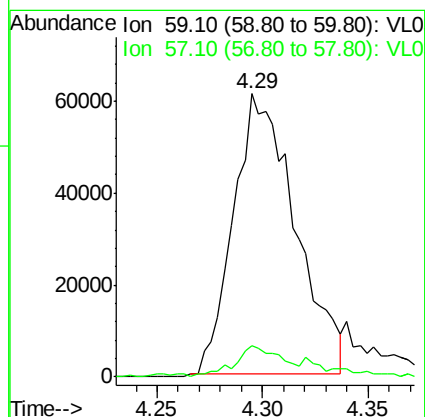
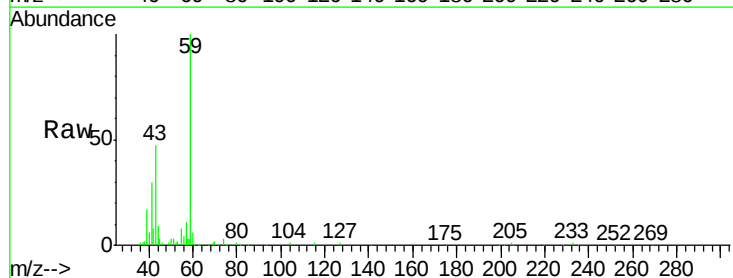
#16
 1,3-Butadiene
 Concen: 2.397 ppbv
 RT: 3.31
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P05
 Acq: 12 Oct 2021 23:11

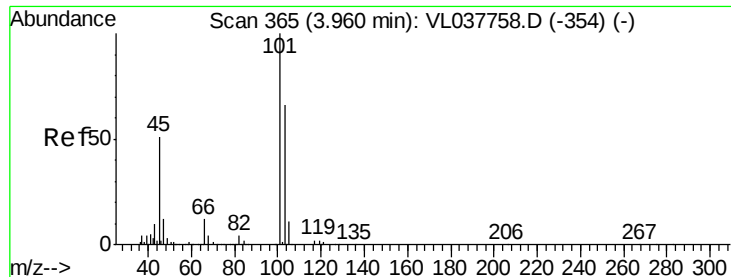
Tgt Ion: 39 Resp: 213362
 Ion Ratio Lower Upper
 39 100
 54 10.5 61.7 92.5#



#17
 tert-Butyl alcohol
 Concen: 0.986 ppbv
 RT: 4.29 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: VL037842.D
 Acq: 12 Oct 2021 23:11

Tgt Ion: 59 Resp: 124183
 Ion Ratio Lower Upper
 59 100
 57 12.5 8.6 13.0





#19

Isopropyl Alcohol

Concen: 4.564 ppbv

RT: 3.97 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: COP05

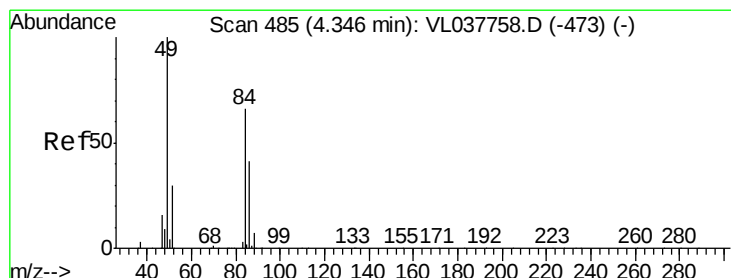
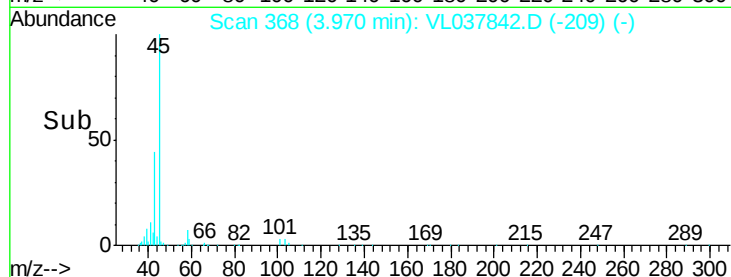
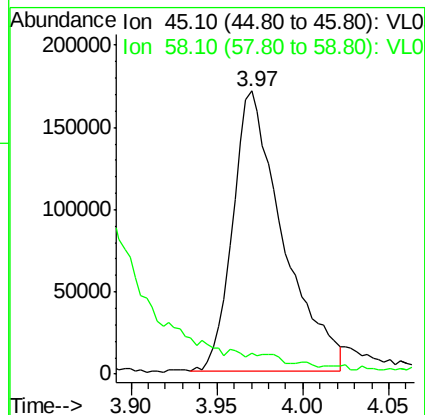
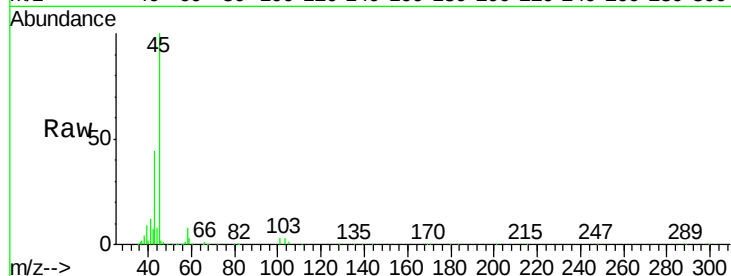
Acq: 12 Oct 2021 23:11

Tgt Ion: 45 Resp: 347316

Ion Ratio Lower Upper

45 100

58 0.0 1.1 1.7#



#20

Methylene Chloride

Concen: 9.030 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.01 min

Lab File: VL037842.D

Acq: 12 Oct 2021 23:11

Tgt Ion: 84 Resp: 558080

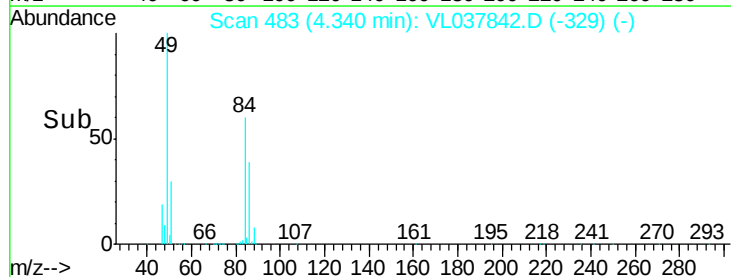
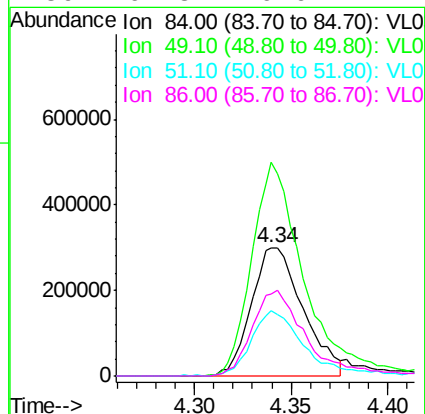
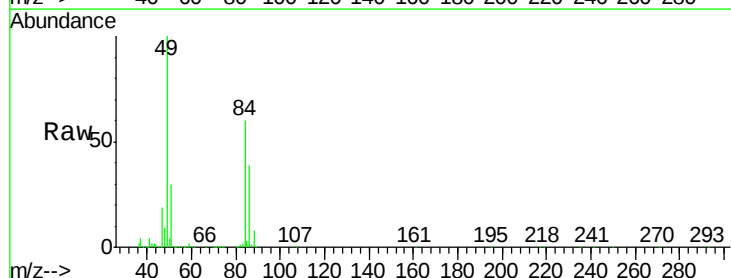
Ion Ratio Lower Upper

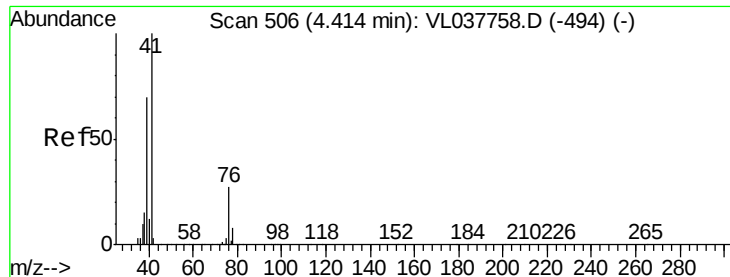
84 100

49 166.3 120.7 181.1

51 50.0 36.2 54.4

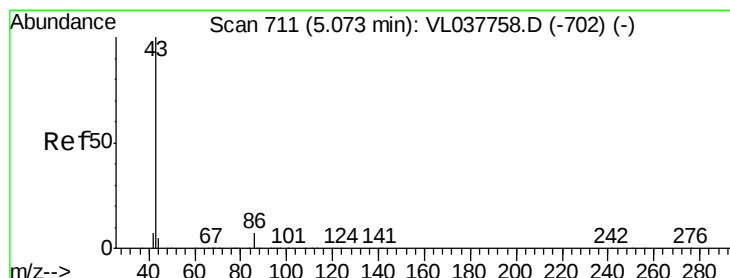
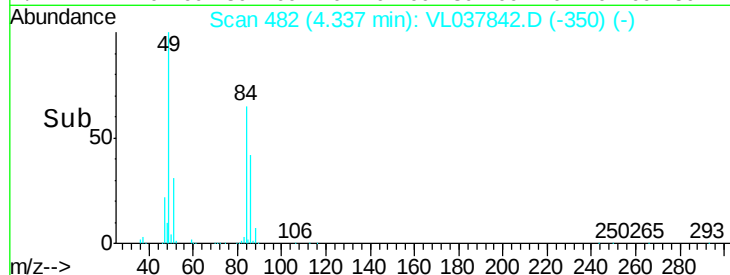
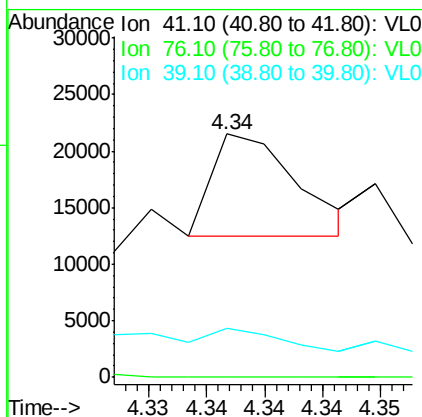
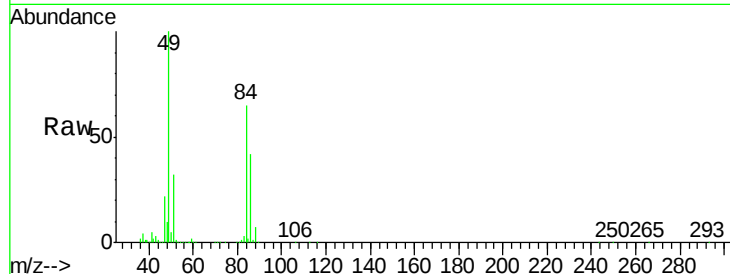
86 64.3 49.6 74.4





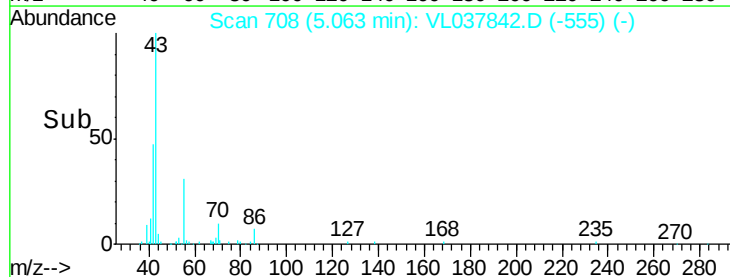
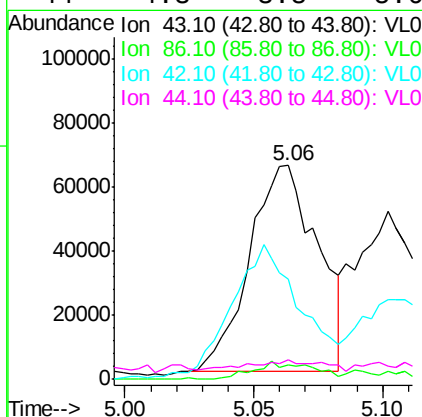
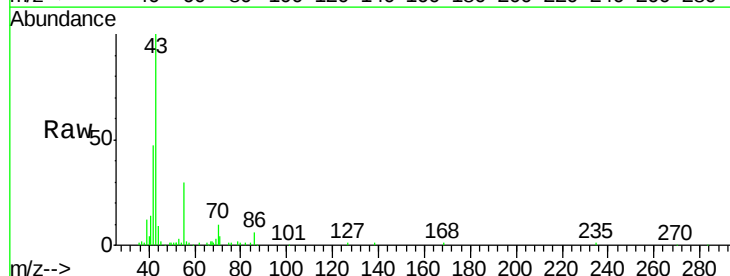
#21
 Allyl Chloride
 Concen: 0.042 ppbv
 RT: 4.34
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 C0P05
 Acq: 12 Oct 2021 23:11

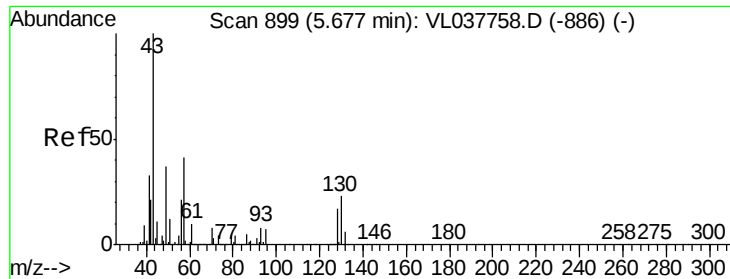
Tgt Ion: 41 Resp: 4599
 Ion Ratio Lower Upper
 41 100
 76 0.0 22.4 33.6#
 39 74.9 58.0 87.0



#23
 Vinyl Acetate
 Concen: 0.650 ppbv
 RT: 5.06 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VL037842.D
 Acq: 12 Oct 2021 23:11

Tgt Ion: 43 Resp: 119067
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.0 7.4
 42 45.5 7.4 11.0#
 44 4.3 3.8 5.6





#25

Ethyl Acetate

Concen: 4.792 ppbv

RT: 5.67 Instrument: MSVOA_1

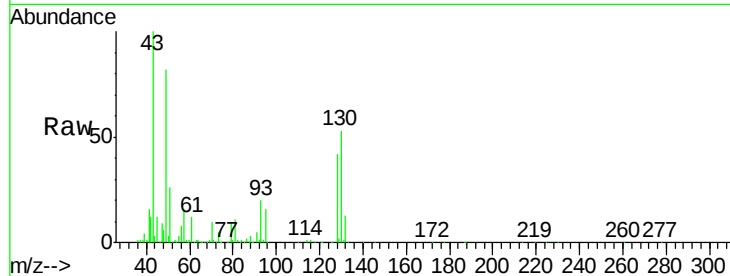
Delta R.T. ClientSampleId:

Lab File: C0P05

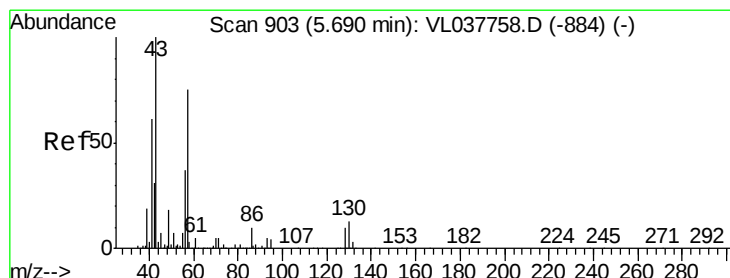
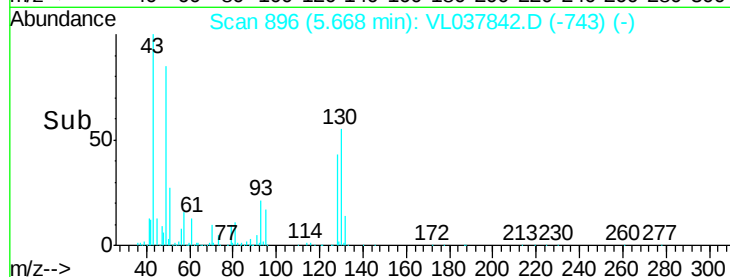
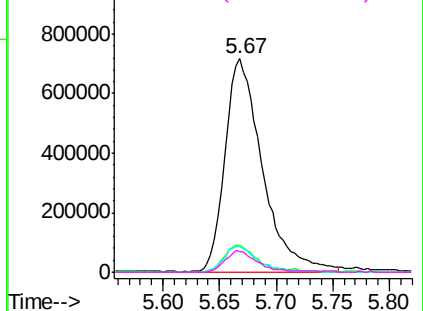
Acq: 12 Oct 2021 23:11

Tgt Ion: 43 Resp: 1644750

Ion	Ratio	Lower	Upper
43	100		
45	12.2	8.1	12.1#
61	11.1	7.5	11.3
70	9.2	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: 2.483 ppbv

RT: 5.68 min Scan# 900

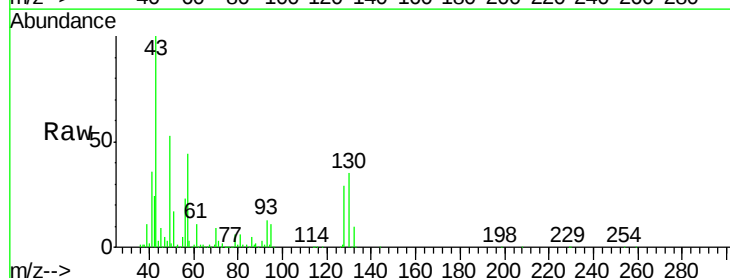
Delta R.T. -0.01 min

Lab File: VL037842.D

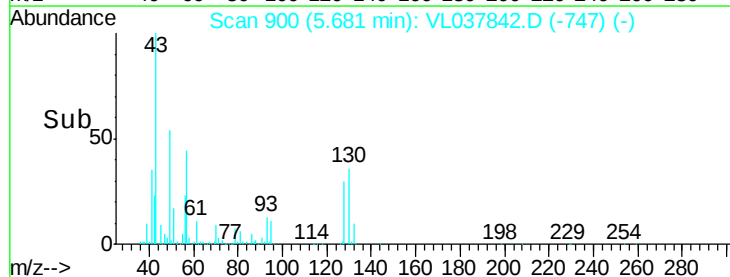
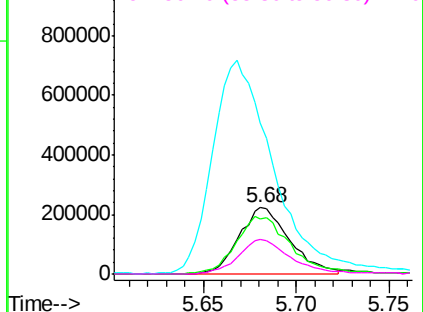
Acq: 12 Oct 2021 23:11

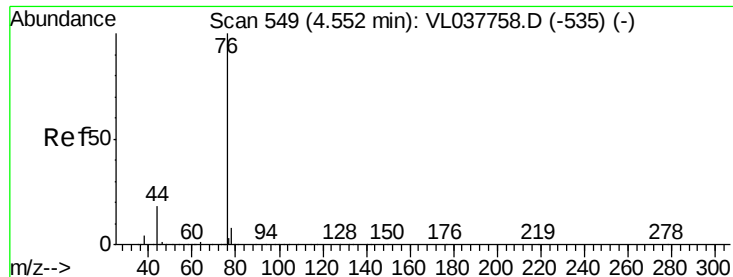
Tgt Ion: 57 Resp: 419623

Ion	Ratio	Lower	Upper
57	100		
41	96.9	69.6	104.4
43	398.8	171.4	257.0#
56	56.2	42.0	63.0



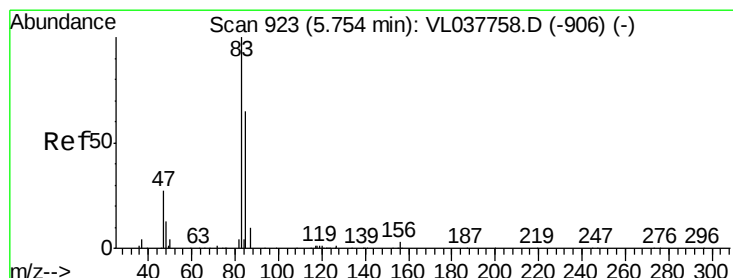
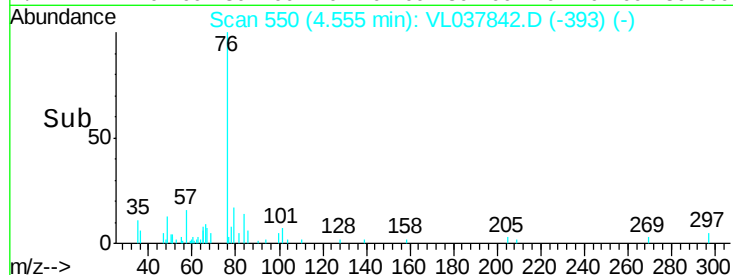
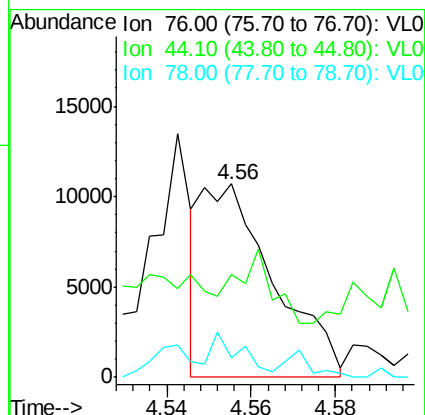
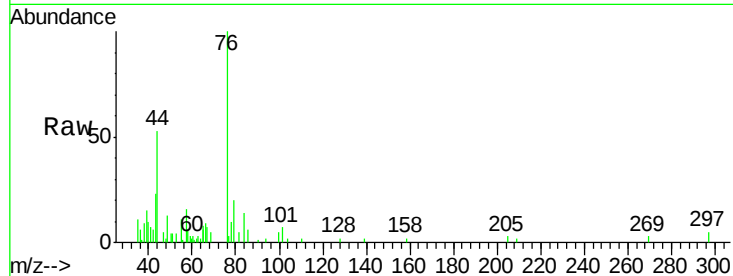
Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





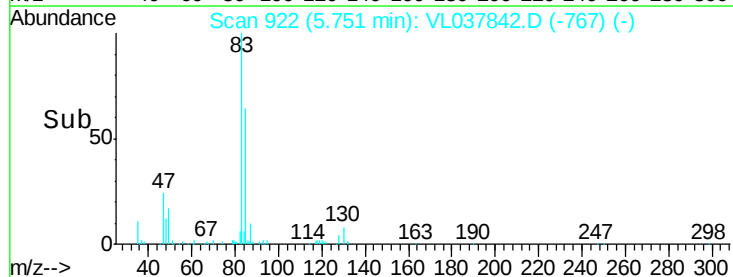
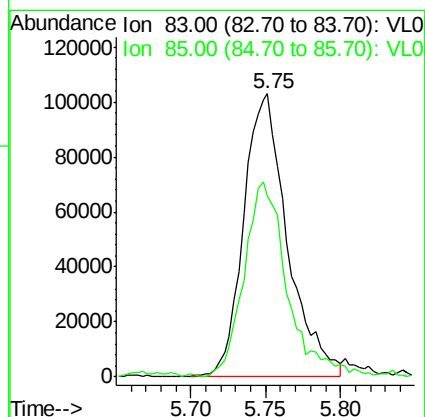
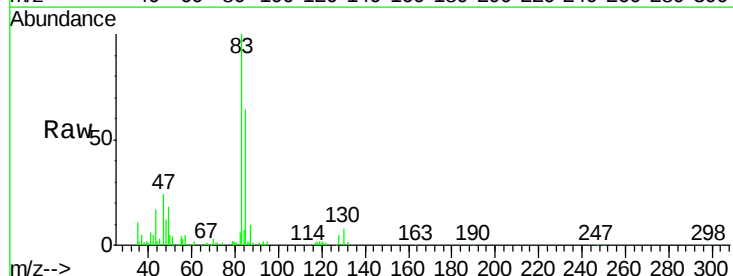
#27
Carbon Disulfide
Concen: 0.085 ppbv
RT: 4.56
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11

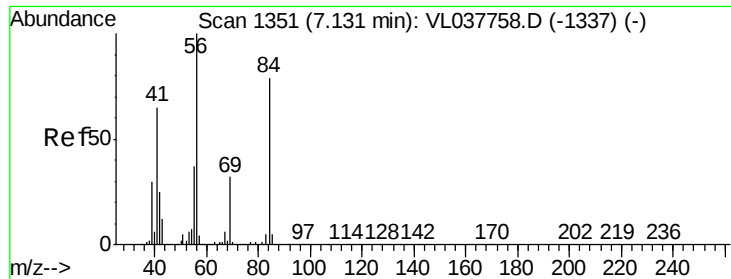
Tgt Ion: 76 Resp: 12704
Ion Ratio Lower Upper
76 100
44 116.6 14.3 21.5#
78 25.9 7.8 11.6#



#29
Chloroform
Concen: 0.869 ppbv
RT: 5.75 min Scan# 922
Delta R.T. -0.00 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

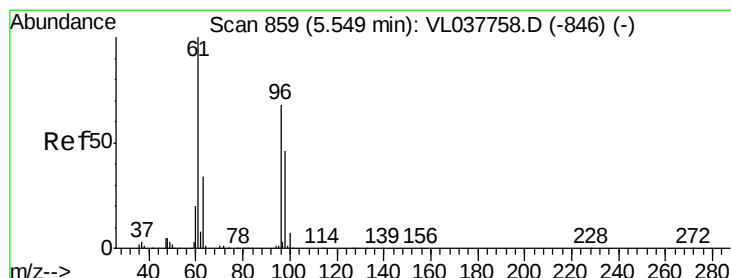
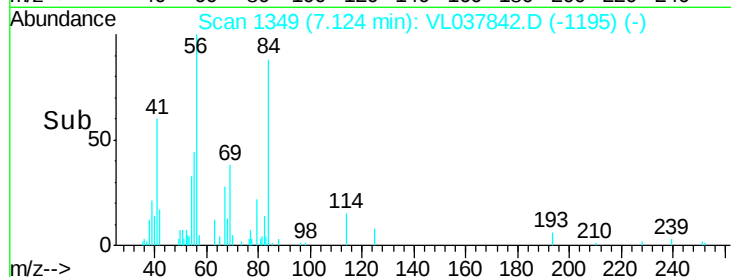
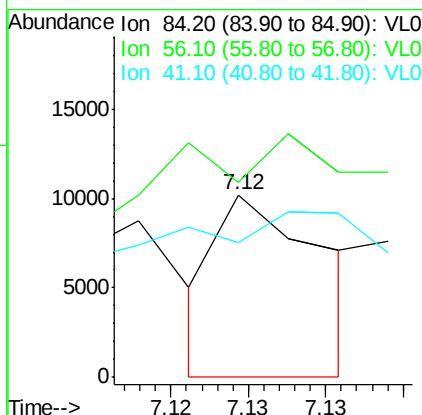
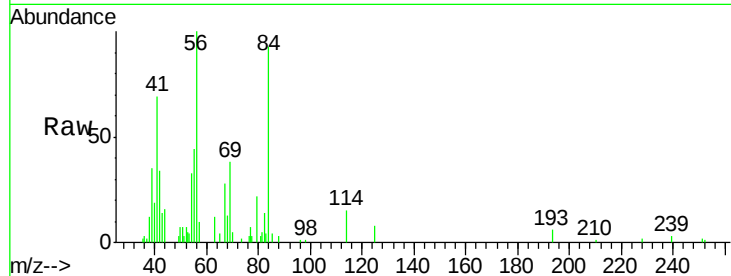
Tgt Ion: 83 Resp: 210038
Ion Ratio Lower Upper
83 100
85 62.9 51.8 77.8





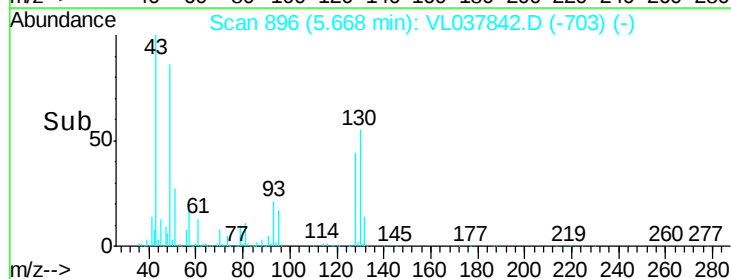
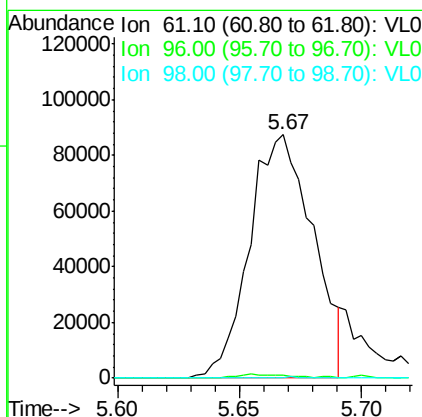
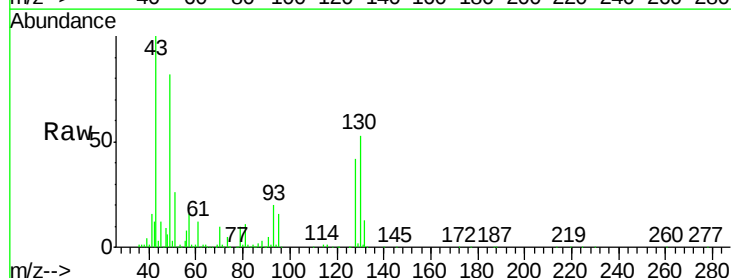
#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.12
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11
COP05

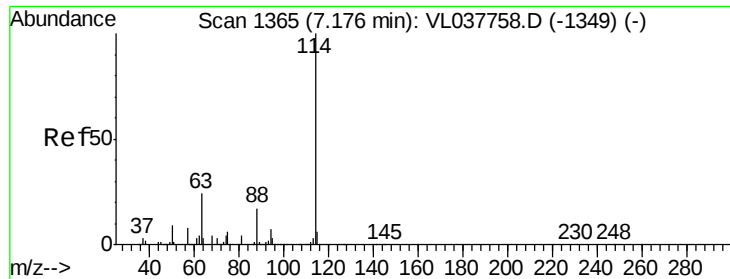
Tgt Ion: 84 Resp: 4825
Ion Ratio Lower Upper
84 100
56 0.0 113.0 169.4#
41 503.6 69.1 103.7#



#31
cis-1,2-Dichloroethene
Concen: 1.024 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.12 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

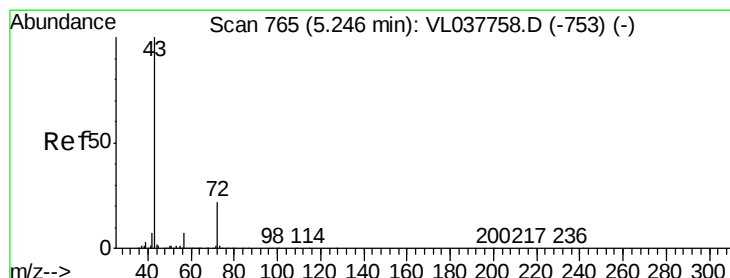
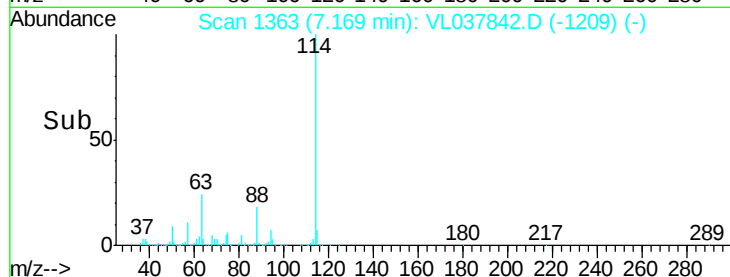
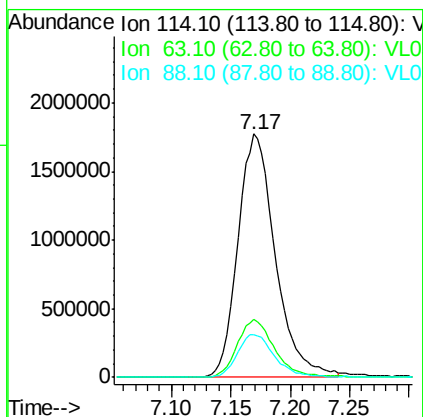
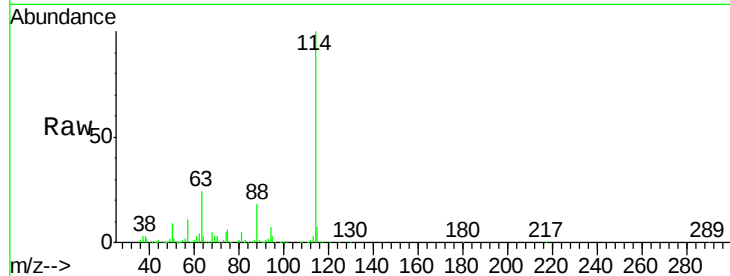
Tgt Ion: 61 Resp: 157103
Ion Ratio Lower Upper
61 100
96 1.2 54.2 81.2#
98 0.0 36.6 54.8#





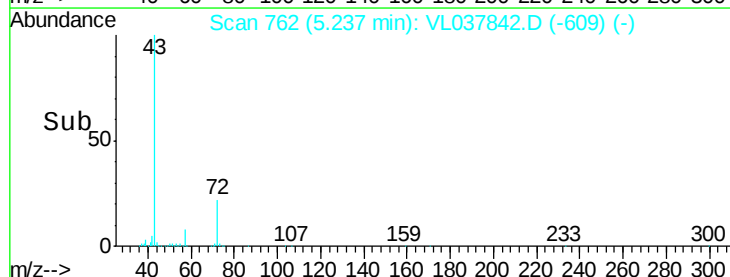
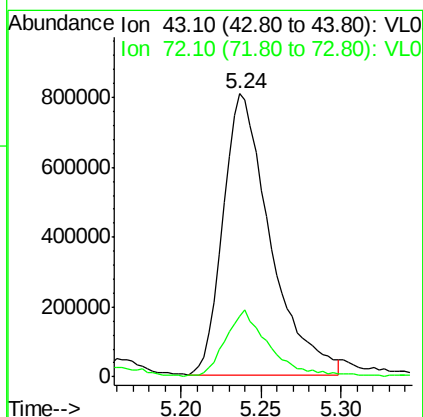
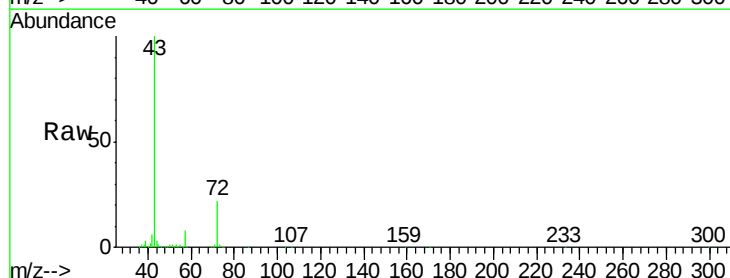
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 12 Oct 2021 23:11

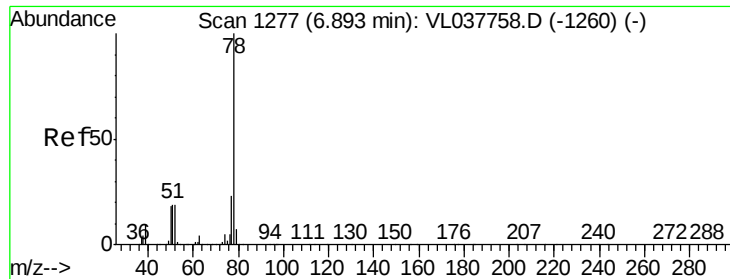
Tgt Ion: 114 Resp: 3861620
 Ion Ratio Lower Upper
 114 100
 63 23.8 19.4 29.2
 88 17.9 14.4 21.6



#34
 2-Butanone
 Concen: 10.512 ppbv
 RT: 5.24 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: VL037842.D
 Acq: 12 Oct 2021 23:11

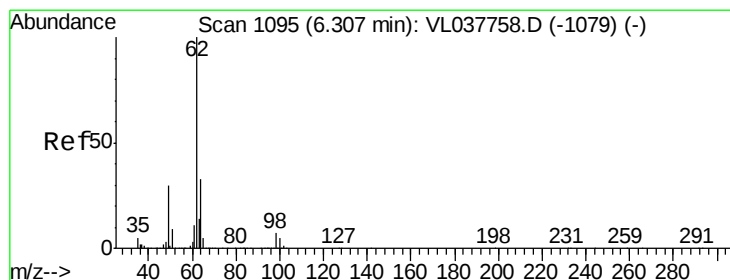
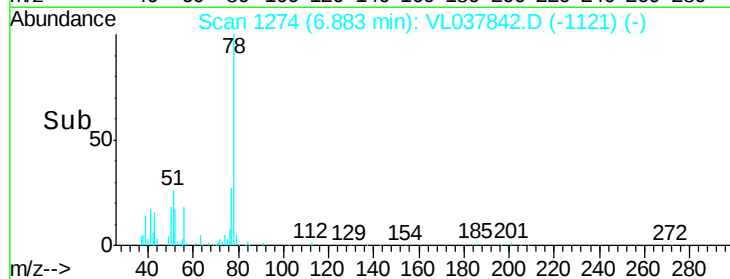
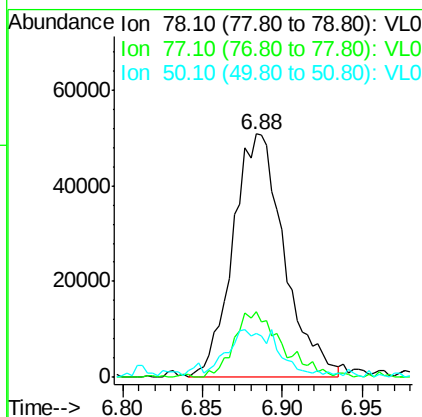
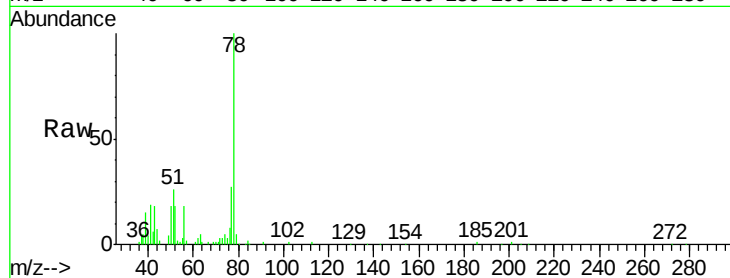
Tgt Ion: 43 Resp: 1638784
 Ion Ratio Lower Upper
 43 100
 72 22.2 18.2 27.2





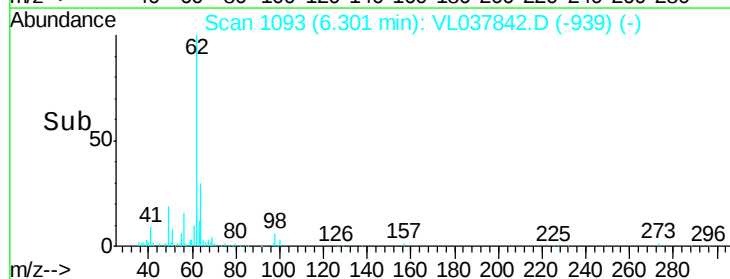
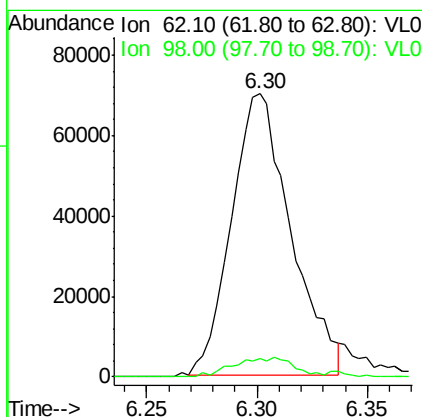
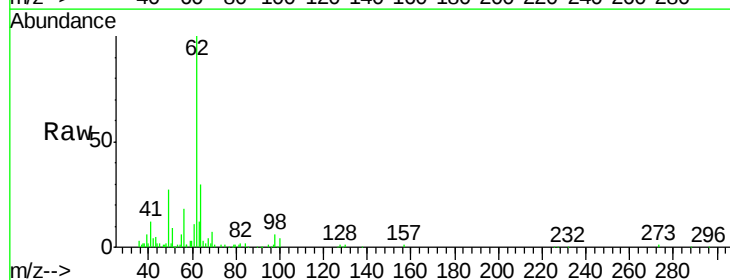
#36
Benzene
Concen: 0.338 ppbv
RT: 6.88
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11
COP05

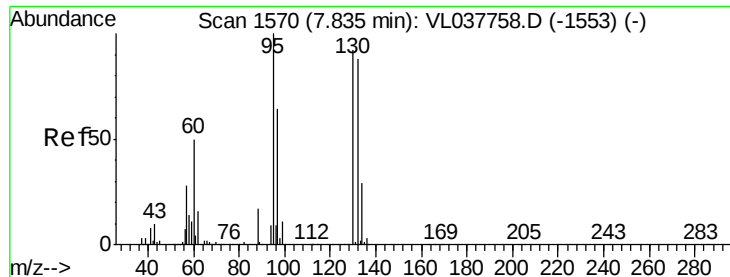
Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.8	18.8	28.2
50	16.3	14.7	22.1



#37
1,2-Dichloroethane
Concen: 0.840 ppbv
RT: 6.30 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.1	9.1





#38

Trichloroethene

Concen: 0.206 ppbv

RT: 7.83

Delta R.T.

Lab File:

Acq: 12 Oct 2021 23:11

ClientSampleId:

COP05

Tgt Ion:130 Resp: 26822

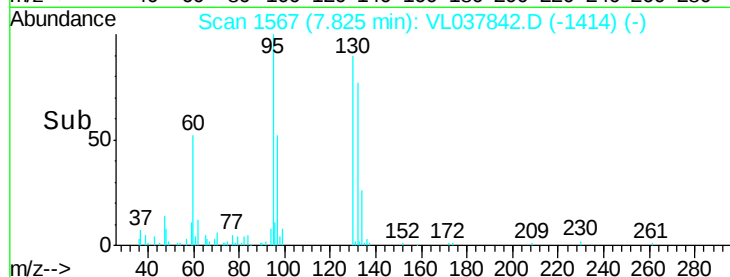
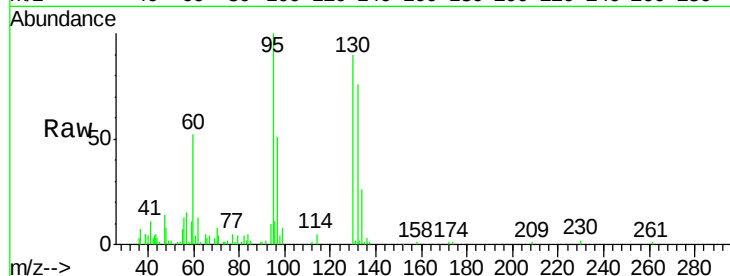
Ion Ratio Lower Upper

130 100

95 108.2 87.4 131.0

132 84.3 76.8 115.2

97 55.7 55.8 83.8#

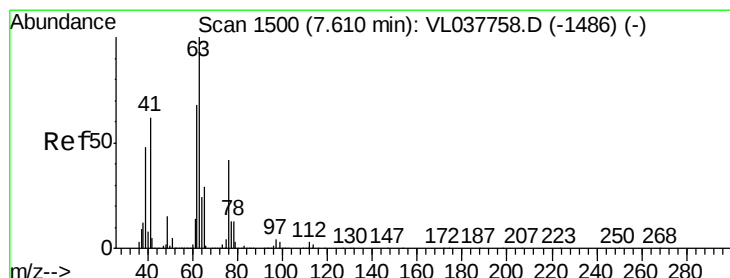
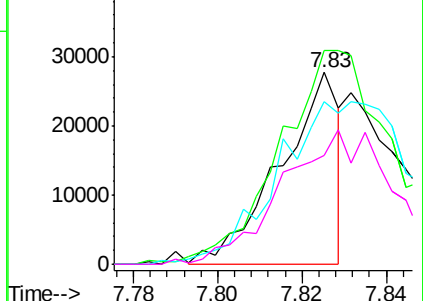


Abundance Ion 130.00 (129.70 to 130.70): V

Ion 95.00 (94.70 to 95.70): VL0

Ion 132.00 (131.70 to 132.70): V

Ion 97.00 (96.70 to 97.70): VL0



#39

1,2-Dichloropropane

Concen: 7.282 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.44 min

Lab File: VL037842.D

Acq: 12 Oct 2021 23:11

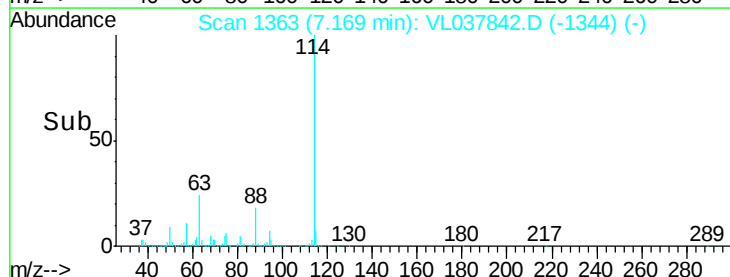
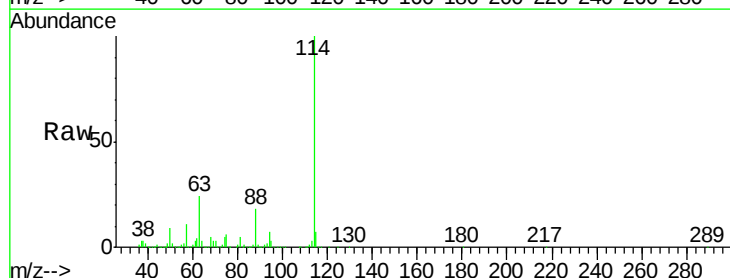
Tgt Ion: 63 Resp: 903401

Ion Ratio Lower Upper

63 100

41 0.0 49.8 74.6#

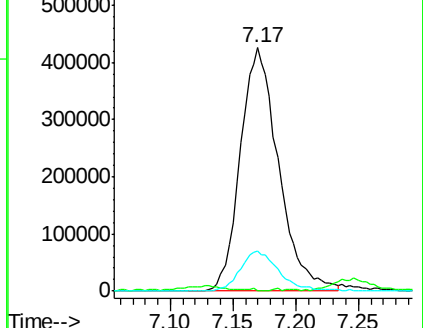
62 16.5 54.6 82.0#

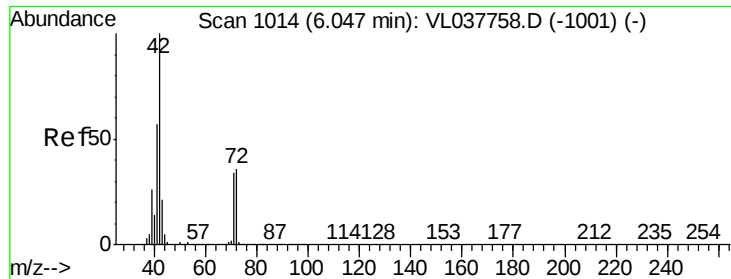


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

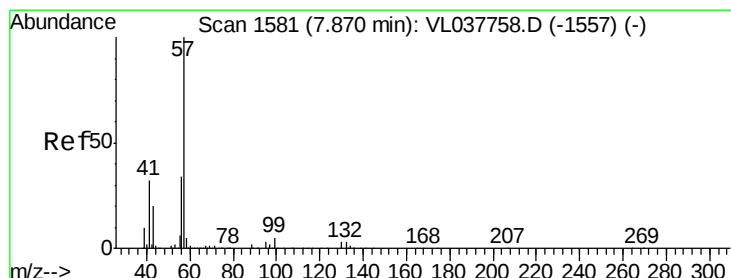
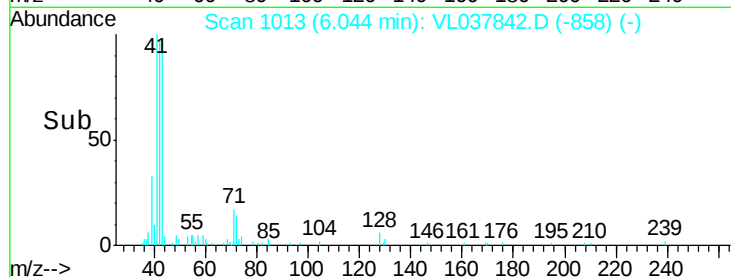
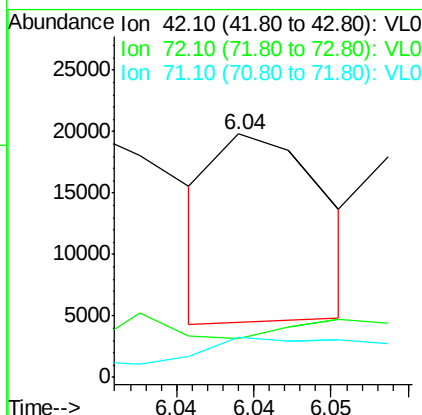
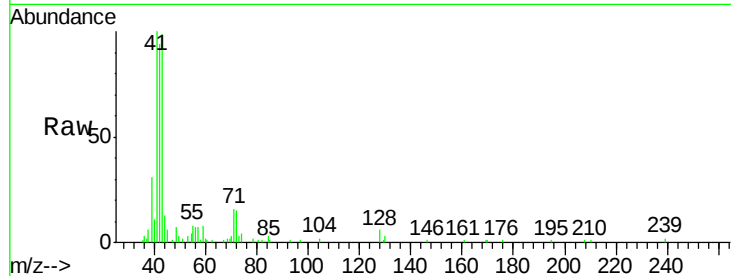
Ion 62.10 (61.80 to 62.80): VL0





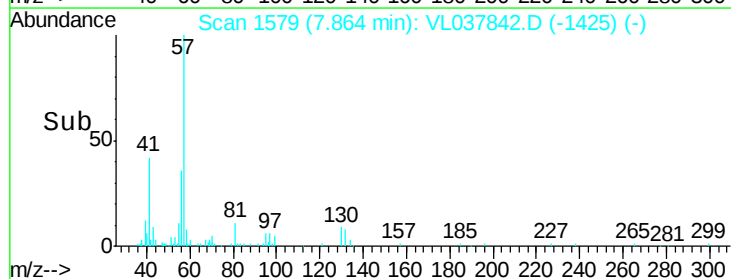
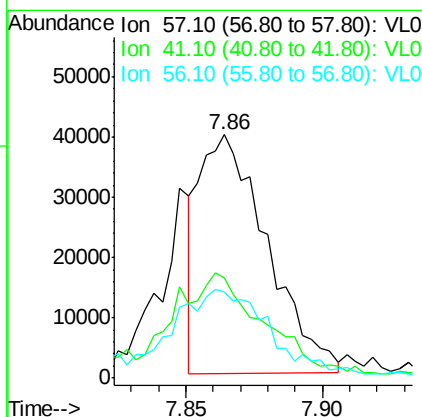
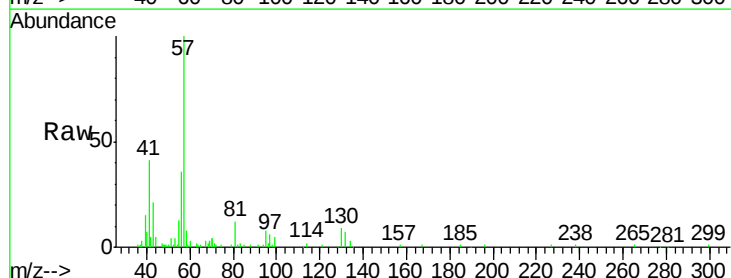
#41
Tetrahydrofuran
Concen: 0.097 ppbv
RT: 6.04
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11

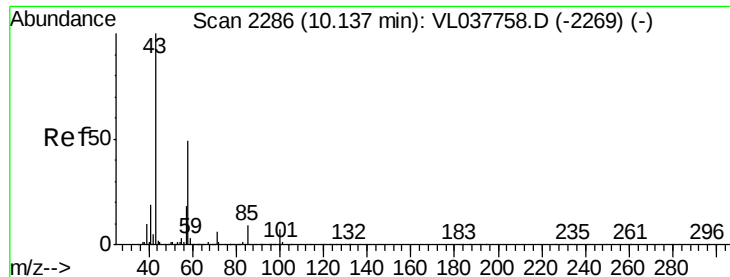
Tgt Ion: 42 Resp: 7399
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9#
71 0.0 30.3 45.5#



#44
2,2,4-Trimethylpentane
Concen: 0.123 ppbv
RT: 7.86 min Scan# 1579
Delta R.T. -0.01 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

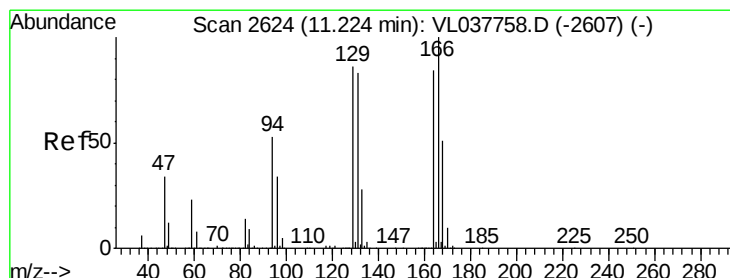
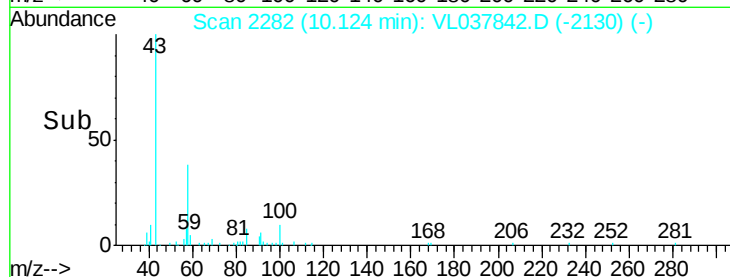
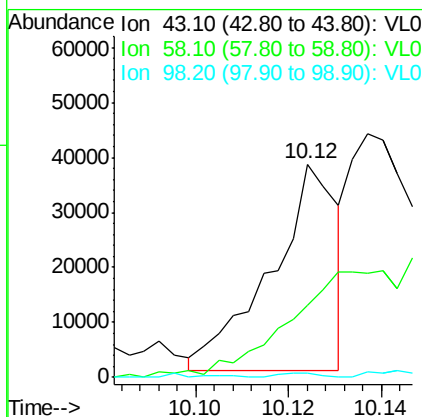
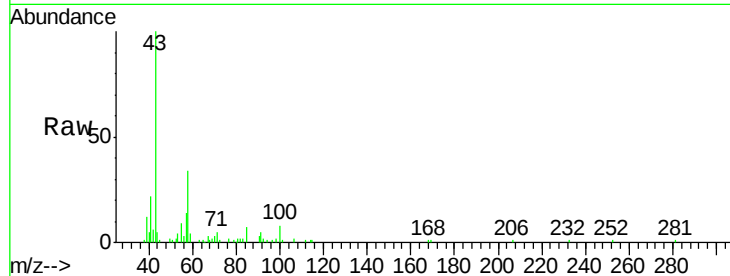
Tgt Ion: 57 Resp: 68215
Ion Ratio Lower Upper
57 100
41 61.4 25.6 38.4#
56 57.7 25.5 38.3#





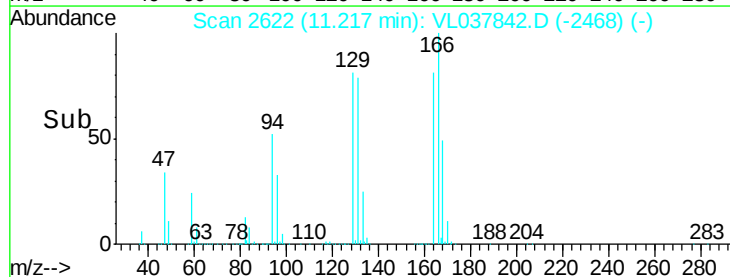
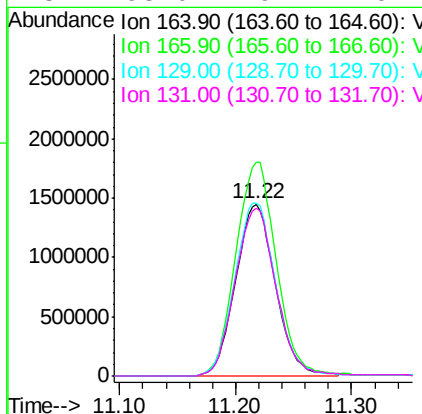
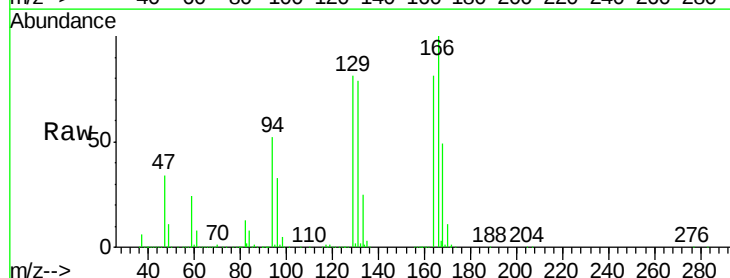
#51
2-Hexanone
Concen: 0.408 ppbv
RT: 10.12 min
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11

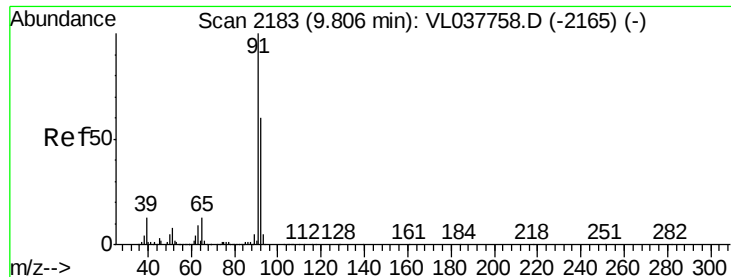
Tgt Ion: 43 Resp: 36966
Ion Ratio Lower Upper
43 100
58 0.0 39.4 59.0#
98 0.0 0.3 0.5#



#52
Tetrachloroethene
Concen: 26.879 ppbv
RT: 11.22 min Scan# 2622
Delta R.T. -0.01 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

Tgt Ion: 164 Resp: 3449284
Ion Ratio Lower Upper
164 100
166 124.1 95.4 143.2
129 100.5 82.2 123.4
131 98.0 79.4 119.2





#53

Toluene

Concen: 5.761 ppbv

RT: 9.80

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

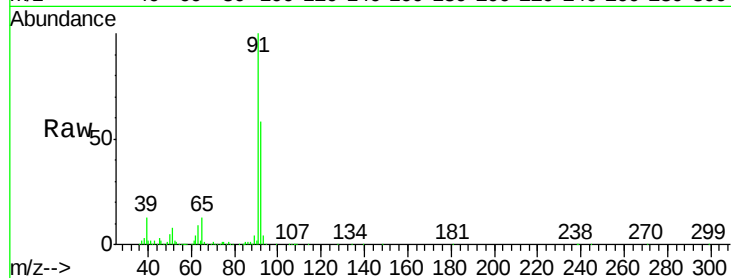
Acq: 12 Oct 2021 23:11

Tgt Ion: 91 Resp: 2105933

Ion Ratio Lower Upper

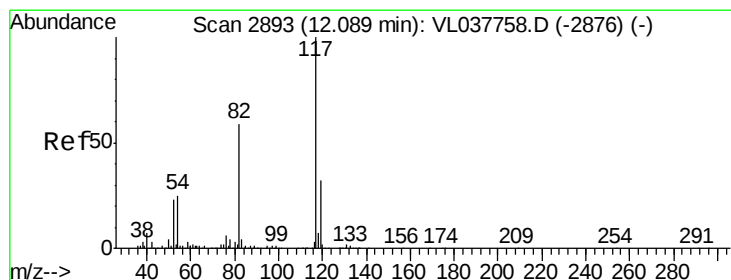
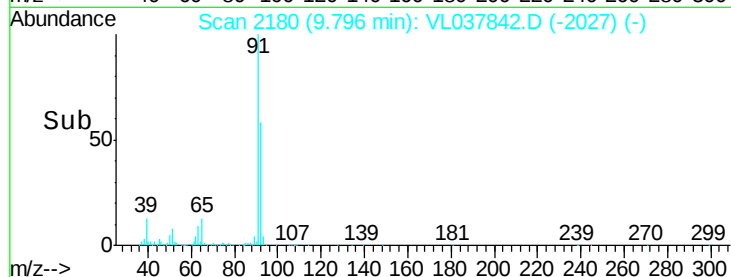
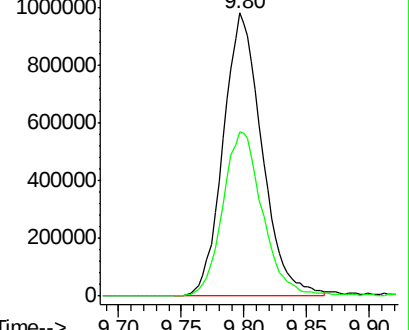
91 100

92 60.5 48.4 72.6



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: 12.08 min Scan# 2889

Delta R.T. -0.01 min

Lab File: VL037842.D

Acq: 12 Oct 2021 23:11

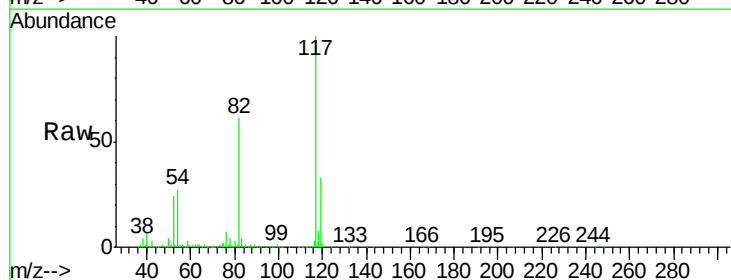
Tgt Ion: 117 Resp: 3312398

Ion Ratio Lower Upper

117 100

82 64.6 52.2 78.2

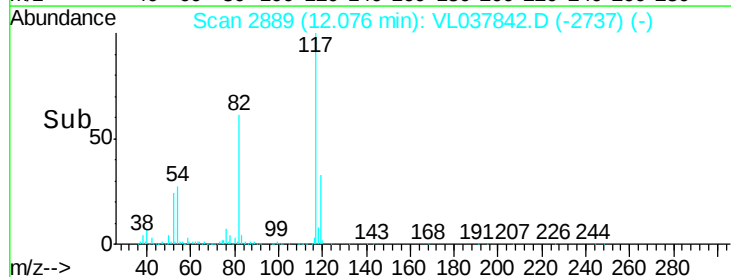
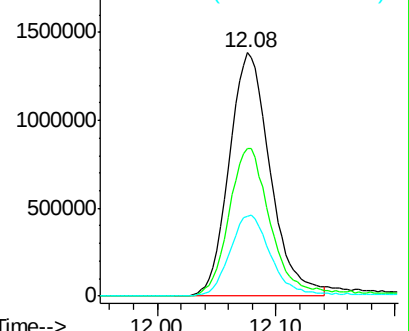
119 34.6 26.0 39.0

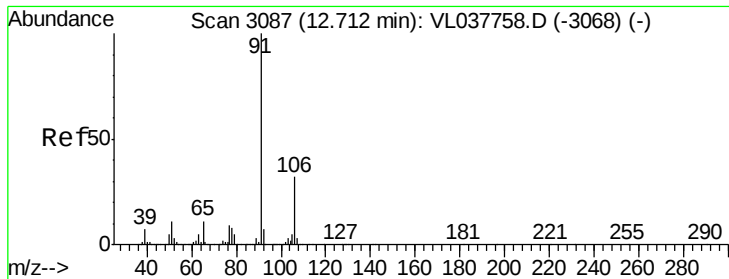


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#58

Ethyl Benzene

Concen: 0.191 ppbv

RT: 12.70

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

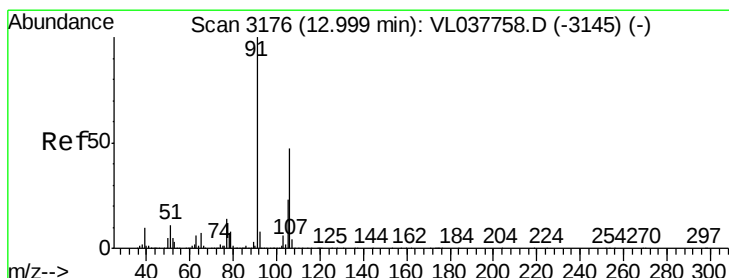
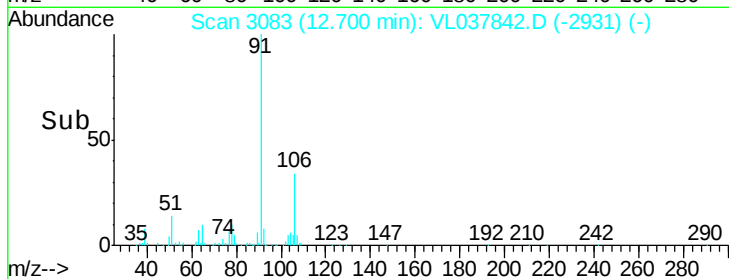
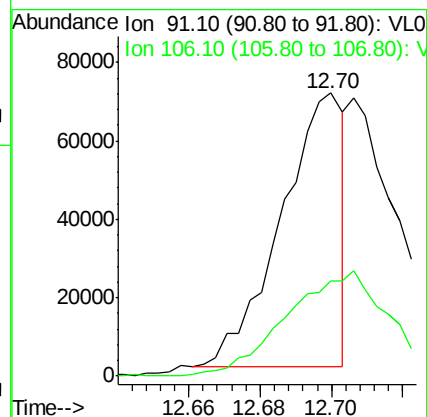
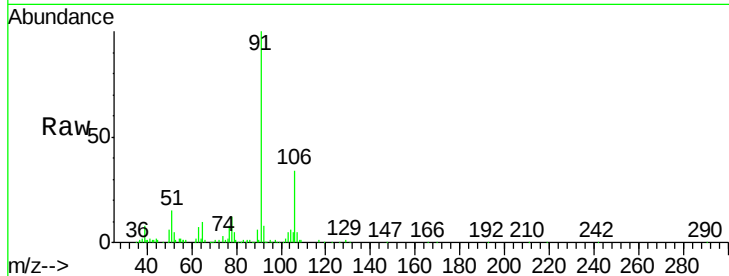
Acq: 12 Oct 2021 23:11

Tgt Ion: 91 Resp: 84751

Ion Ratio Lower Upper

91 100

106 34.3 25.3 37.9



#59

m/p-Xylene

Concen: 0.095 ppbv

RT: 12.98 min Scan# 3171

Delta R.T. -0.02 min

Lab File: VL037842.D

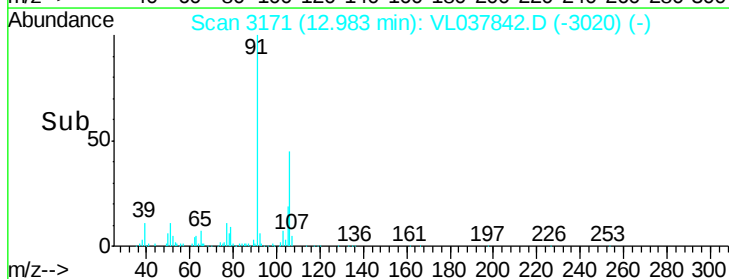
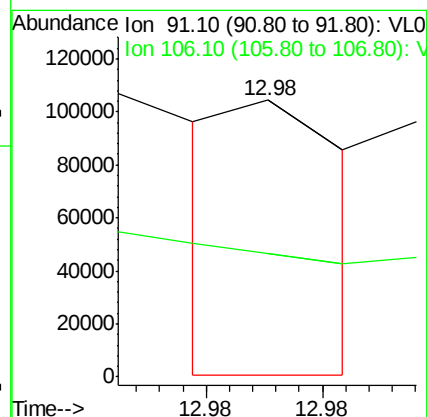
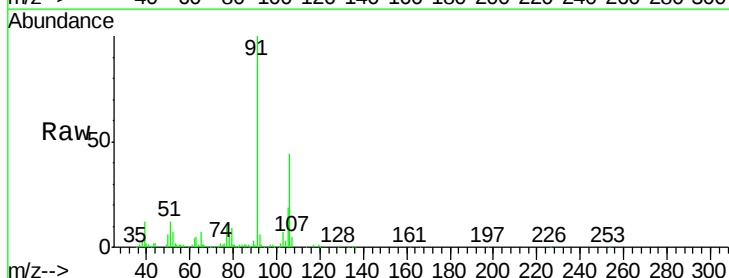
Acq: 12 Oct 2021 23:11

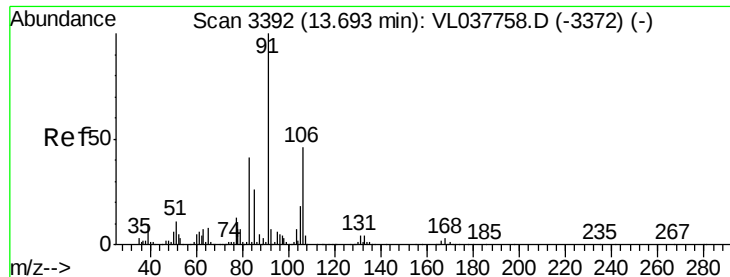
Tgt Ion: 91 Resp: 36233

Ion Ratio Lower Upper

91 100

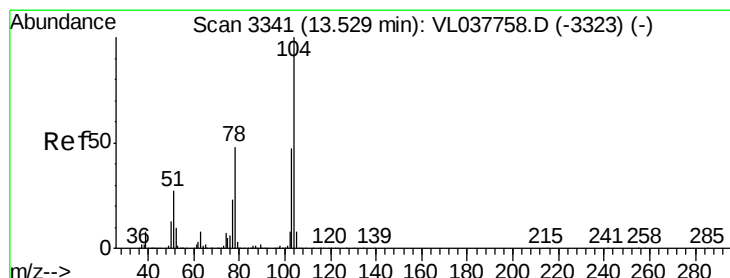
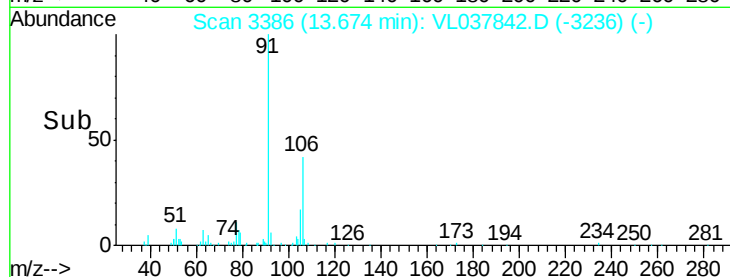
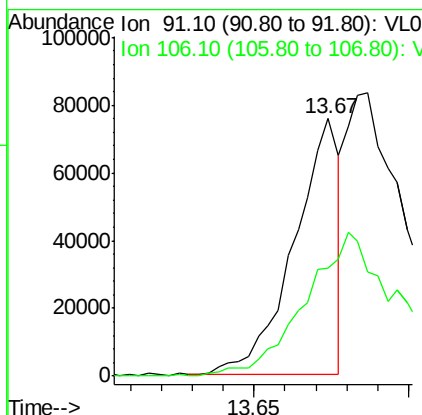
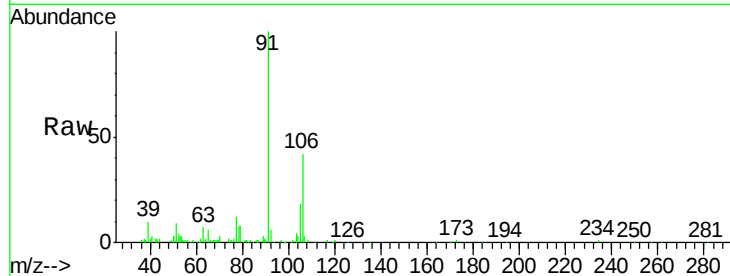
106 0.0 36.7 55.1#





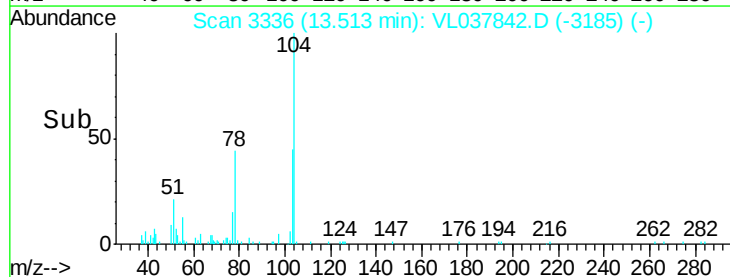
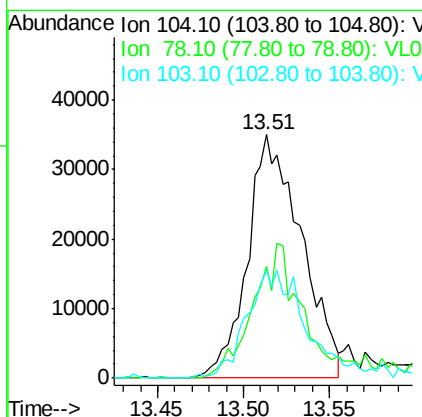
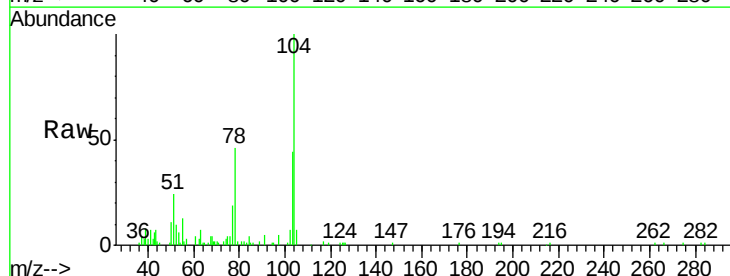
#60
o-Xylene
Concen: 0.209 ppbv
RT: 13.67
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11
COP05

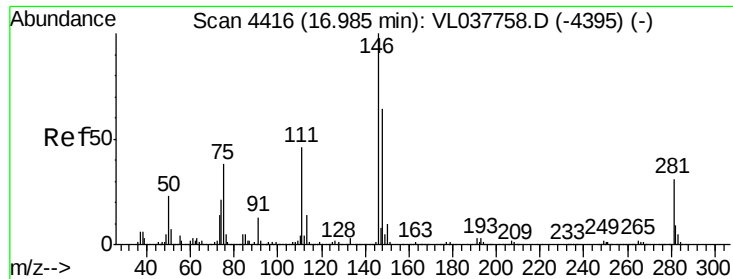
Tgt Ion: 91 Resp: 76563
Ion Ratio Lower Upper
91 100
106 0.0 23.5 70.5#



#61
Styrene
Concen: 0.430 ppbv
RT: 13.51 min Scan# 3336
Delta R.T. -0.02 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

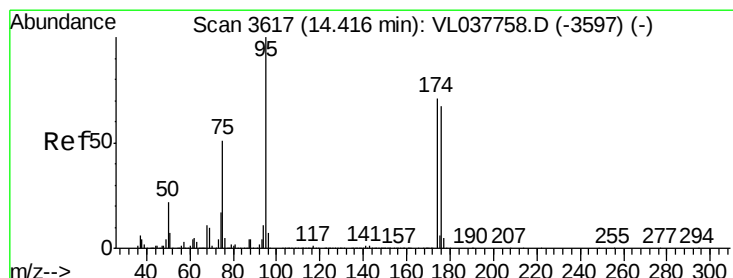
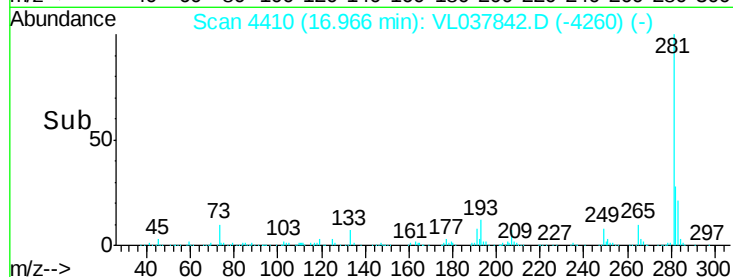
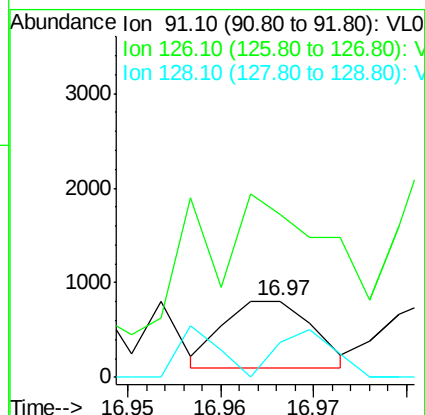
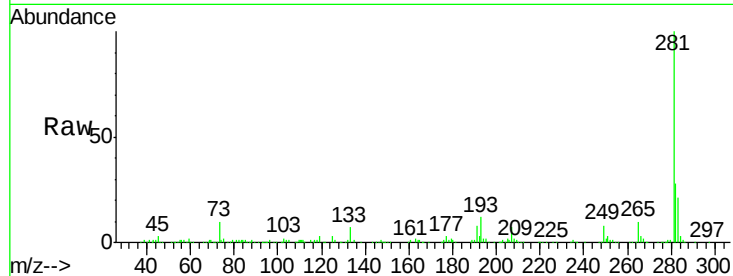
Tgt Ion: 104 Resp: 76139
Ion Ratio Lower Upper
104 100
78 54.6 40.6 61.0
103 51.8 39.6 59.4





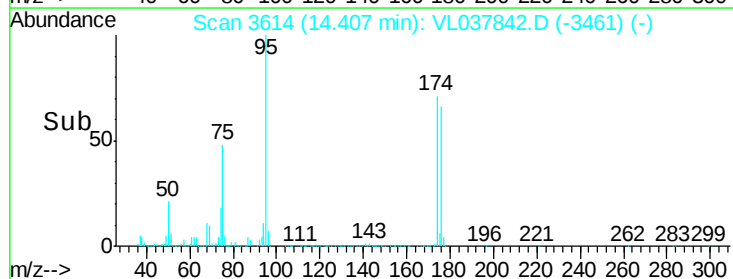
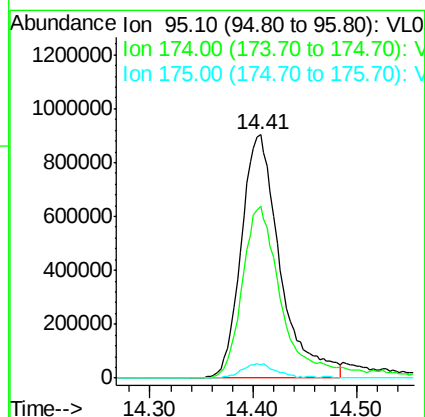
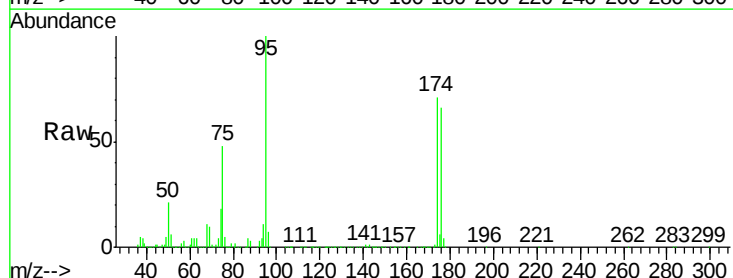
#66
Benzyl Chloride
Concen: 0.021 ppbv
RT: 16.97 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 12 Oct 2021 23:11
COP05

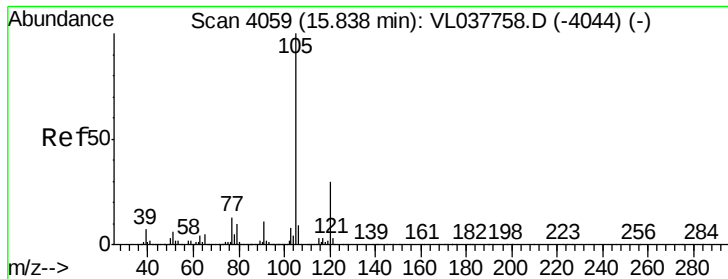
Tgt Ion: 91 Resp: 473
Ion Ratio Lower Upper
91 100
126 0.0 0.0 0.0
128 0.0 5.3 7.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.226 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.01 min
Lab File: VL037842.D
Acq: 12 Oct 2021 23:11

Tgt Ion: 95 Resp: 2368673
Ion Ratio Lower Upper
95 100
174 75.0 57.8 86.6
175 5.3 4.7 7.1





#72

4-Ethyltoluene

Concen: 0.036 ppbv

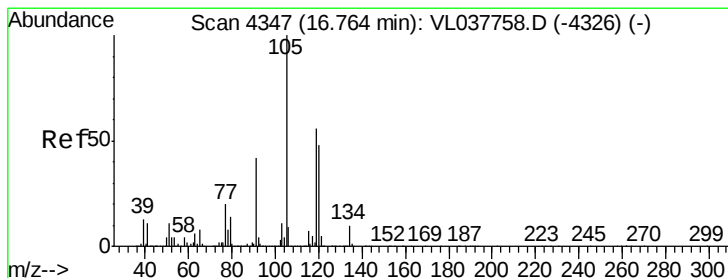
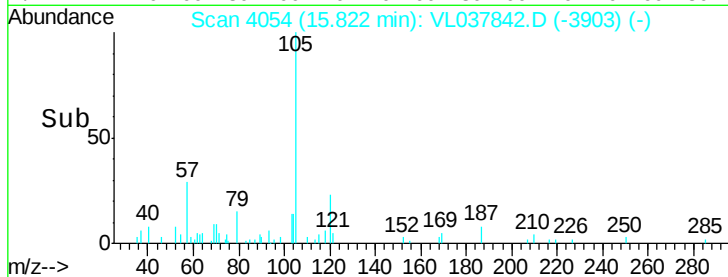
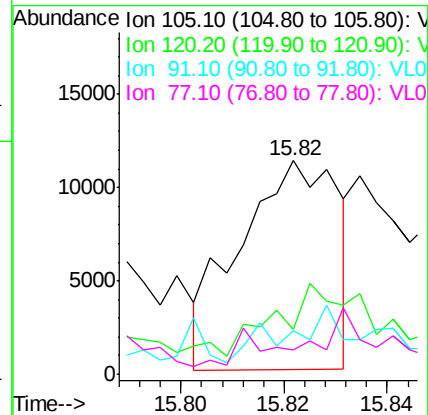
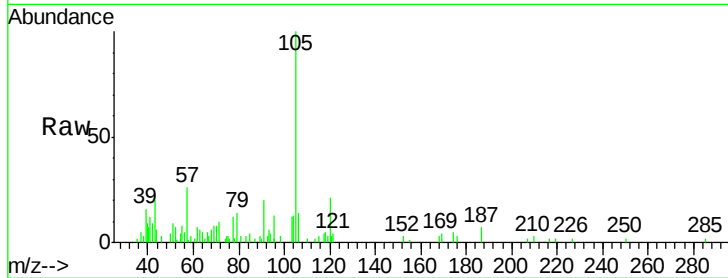
RT: 15.82

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 12 Oct 2021 23:11

Tgt Ion:	105	Resp:	14821
Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.2	36.2#
91	0.0	10.4	15.6#
77	0.0	10.3	15.5#



#74

1,2,4-Trimethylbenzene

Concen: 0.087 ppbv

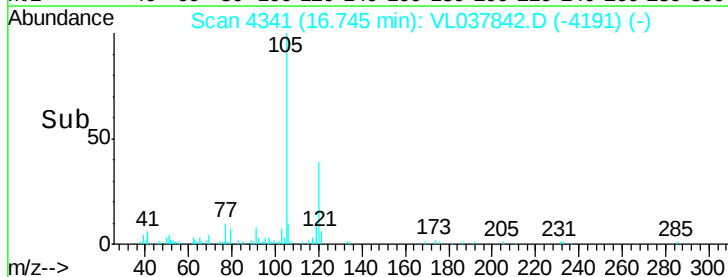
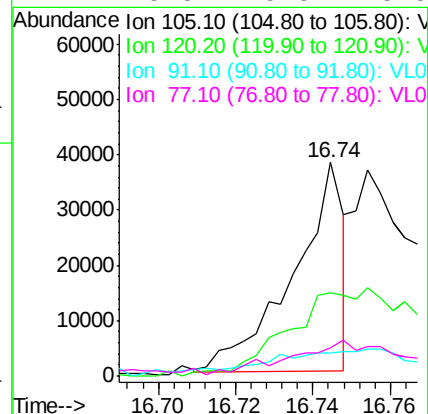
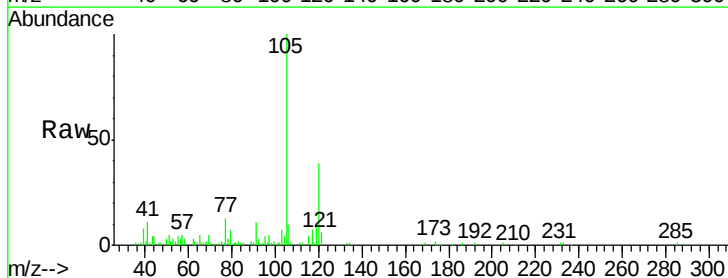
RT: 16.74 min Scan# 4341

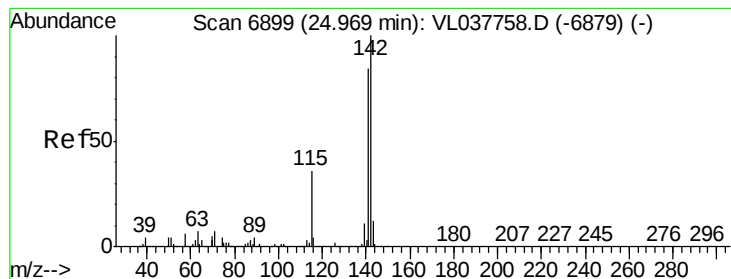
Delta R.T. -0.02 min

Lab File: VL037842.D

Acq: 12 Oct 2021 23:11

Tgt Ion:	105	Resp:	34320
Ion	Ratio	Lower	Upper
105	100		
120	38.4	38.4	57.6
91	7.9	34.2	51.2#
77	8.3	15.8	23.8#





#80
 Naphthalene, 2-methyl-
 Concen: 0.068 ppbv
 RT: 24.96
 Delta R.T: MSVOA_L
 Lab File: ClientSampleId :
 C0P05
 Acq: 12 Oct 2021 23:11

Tgt Ion: 142 Resp: 4399
 Ion Ratio Lower Upper
 142 100
 141 79.8 68.6 102.8
 115 69.7 29.0 43.6#

