

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062221\
 Data File : VL037234.D
 Acq On : 23 Jun 2021 5:33
 Operator : SY/AP
 Sample : M2797-01DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 24 03:47:42 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1663134	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4795405	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4209902	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	3145614	9.86	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.60%

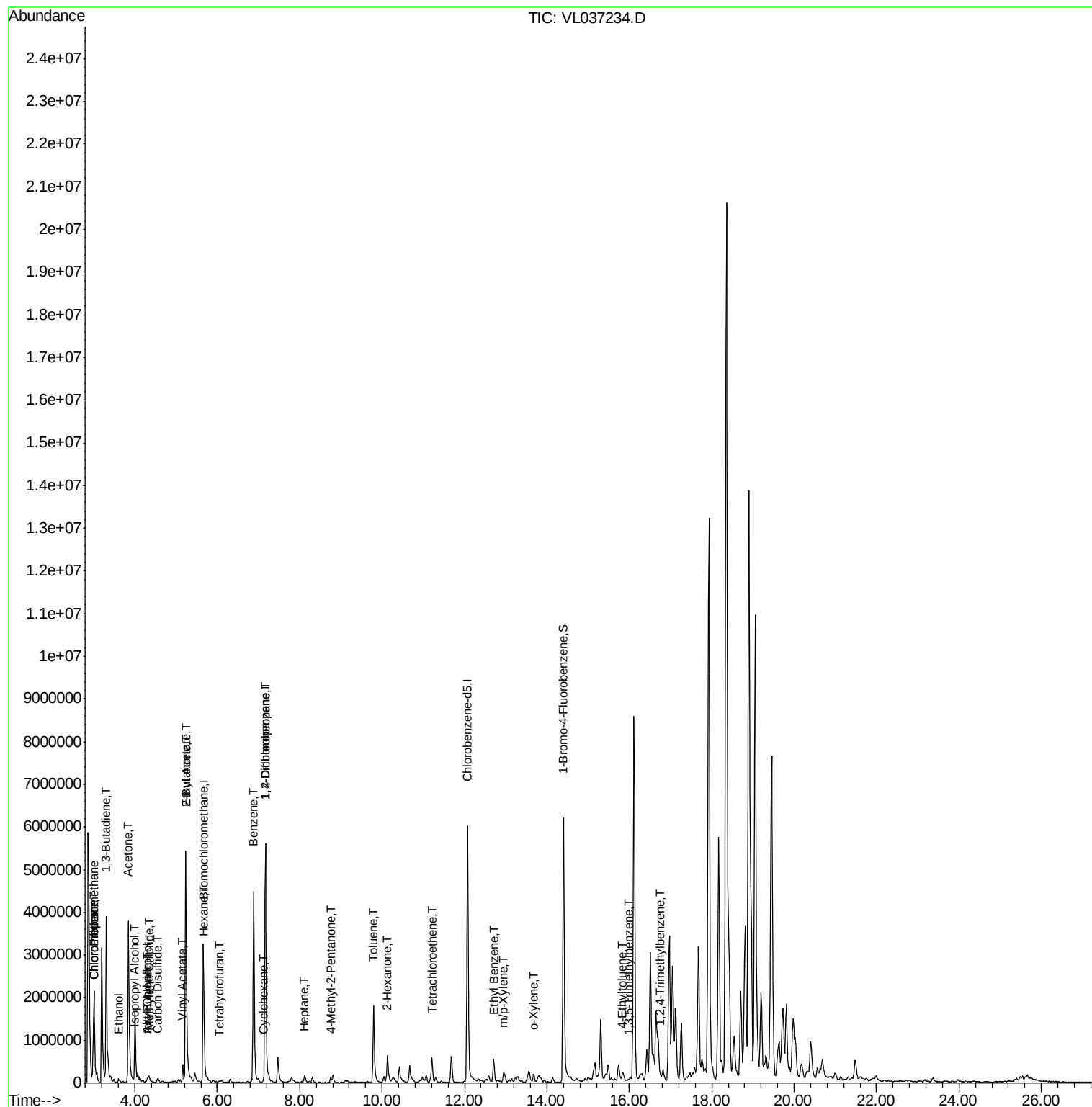
Target Compounds					Ovalue
3) Chlorodifluoromethane	2.98	51	963188	2.978	ppbv 100
4) Chloromethane	2.98	50	51746	0.480	ppbv # 81
9) Propene	3.01	41	1030437	9.965	ppbv 95
10) Heptane	8.11	43	32852	0.131	ppbv # 29
13) Ethanol	3.61	45	68533	4.285	ppbv 83
15) Acetone	3.84	43	5062424	26.993	ppbv 94
16) 1,3-Butadiene	3.30	39	1280828	11.552	ppbv # 18
17) tert-Butyl alcohol	4.30	59	33766	0.195	ppbv # 71
19) Isopropyl Alcohol	3.97	45	14204	0.125	ppbv # 91
20) Methylene Chloride	4.34	84	54316	0.484	ppbv 95
21) Allyl Chloride	4.30	41	24721	0.175	ppbv # 73
23) Vinyl Acetate	5.16	43	141731	0.527	ppbv # 15
25) Ethyl Acetate	5.23	43	7907429	19.476	ppbv # 75
26) Hexane	5.68	57	65853	0.321	ppbv # 1
27) Carbon Disulfide	4.55	76	130837	0.651	ppbv 96
30) Cyclohexane	7.12	84	4475	0.026	ppbv # 1
34) 2-Butanone	5.23	43	7907429	42.399	ppbv 99
36) Benzene	6.88	78	4198510	10.827	ppbv 99
39) 1,2-Dichloropropane	7.17	63	1157201	8.031	ppbv # 25
41) Tetrahydrofuran	6.04	42	9373	0.108	ppbv # 35
50) 4-Methyl-2-Pentanone	8.75	43	33095	0.129	ppbv # 1
51) 2-Hexanone	10.13	43	610931	4.902	ppbv # 92
52) Tetrachloroethene	11.21	164	154899	0.860	ppbv 93
53) Toluene	9.79	91	1578016	3.407	ppbv 99
58) Ethyl Benzene	12.70	91	146406	0.253	ppbv 97
59) m/p-Xylene	12.96	91	239736	0.488	ppbv 92
60) o-Xylene	13.68	91	73072	0.156	ppbv 95
72) 4-Ethyltoluene	15.82	105	22334	0.042	ppbv # 60
73) 1,3,5-Trimethylbenzene	15.98	105	10613	0.021	ppbv 92
74) 1,2,4-Trimethylbenzene	16.75	105	81142	0.153	ppbv # 73

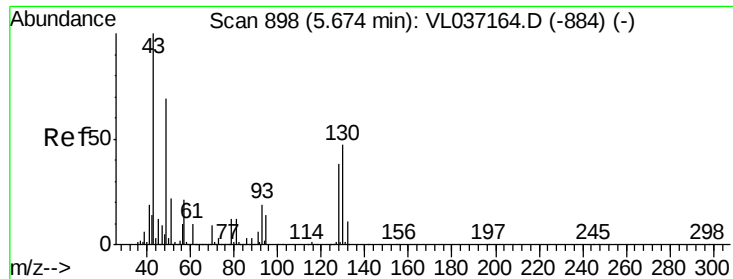
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

ClientSampleId :

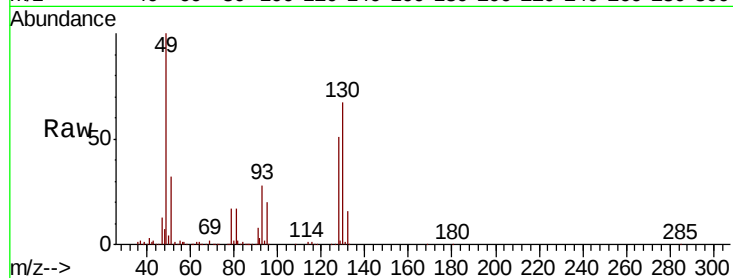
Tot Ion: 49 Resp: 1663134

Ion Ratio Lower Upper

49 100

128 54.9 29.3 88.0

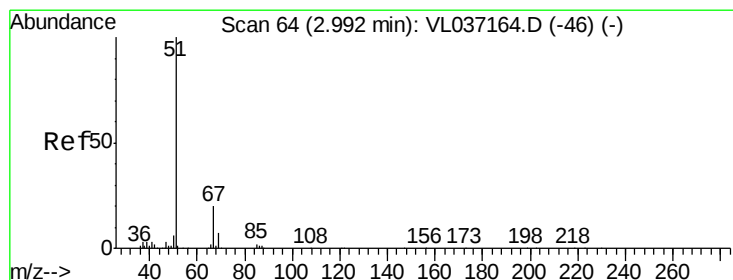
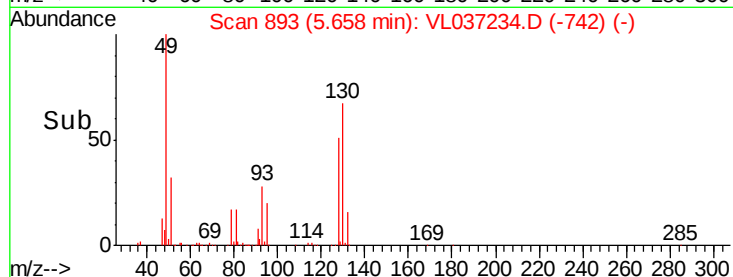
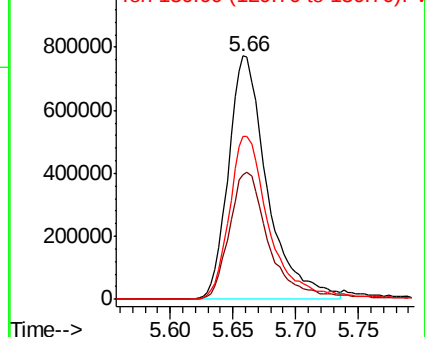
130 70.4 35.9 107.8



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



#3

Chlorodifluoromethane

Concen: 2.978 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.01 min

Lab File: VL037234.D

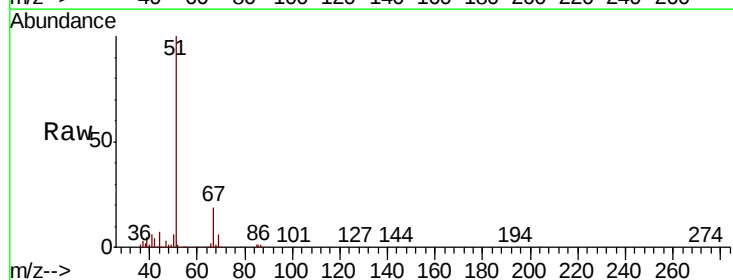
Acq: 23 Jun 2021 5:33

Tgt Ion: 51 Resp: 963188

Ion Ratio Lower Upper

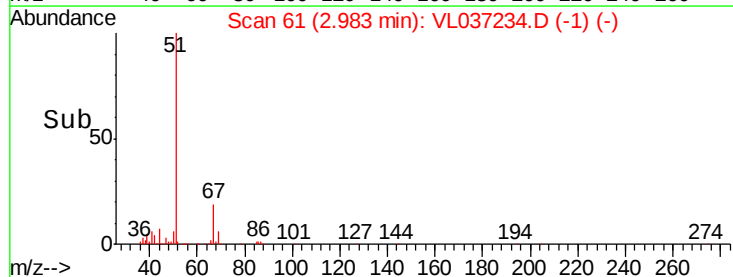
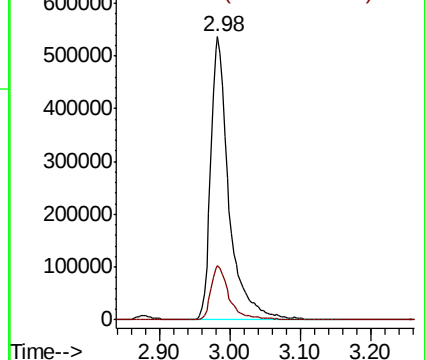
51 100

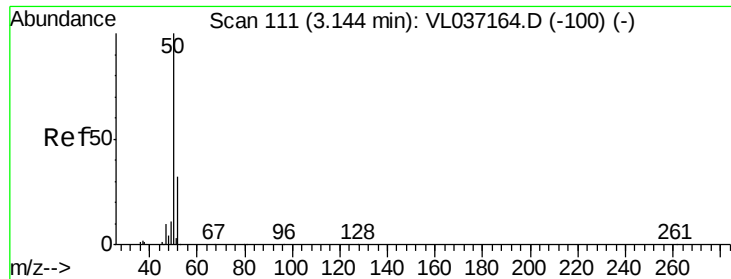
67 19.5 15.8 23.6



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.480 ppbv

RT: 2.98 min Scan# 61

Delta R.T. -0.16 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

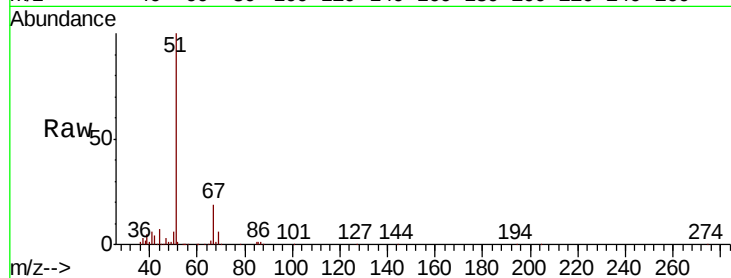
ClientSampleId :

Tot Ion: 50 Resp: 51746

Ion Ratio Lower Upper

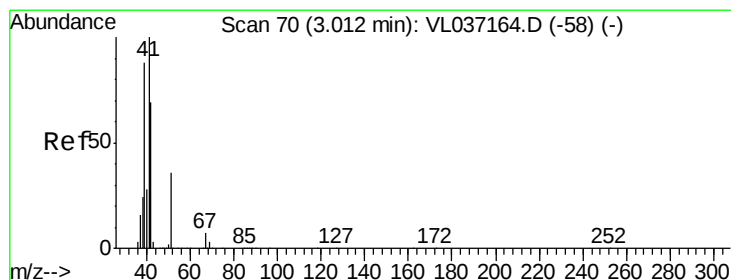
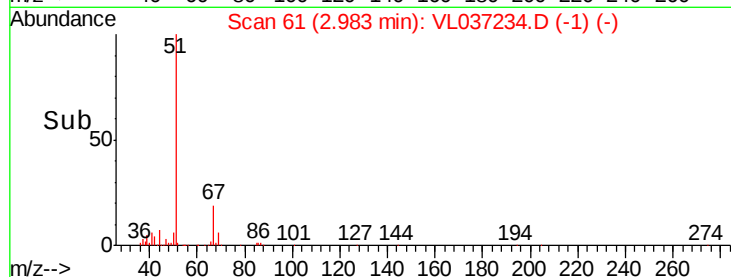
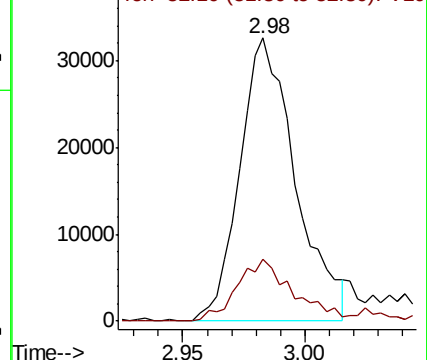
50 100

52 21.7 25.8 38.8#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 9.965 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.01 min

Lab File: VL037234.D

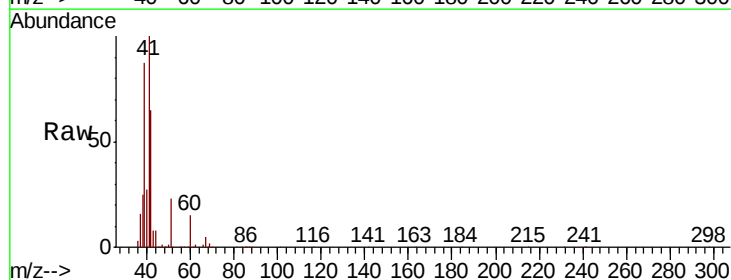
Acq: 23 Jun 2021 5:33

Tgt Ion: 41 Resp: 1030437

Ion Ratio Lower Upper

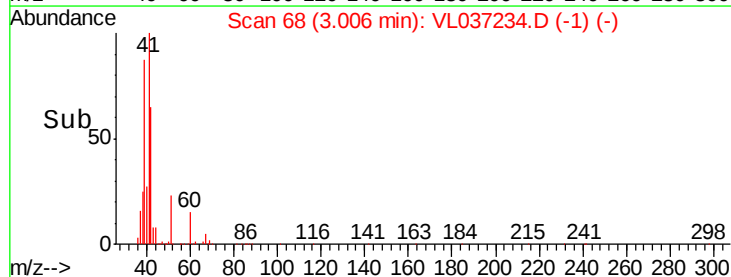
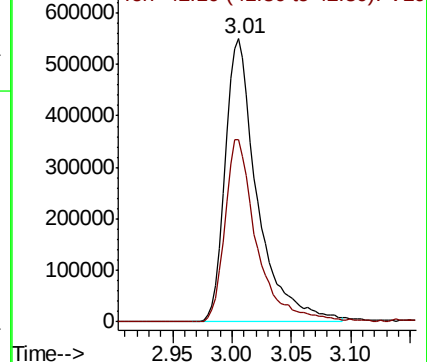
41 100

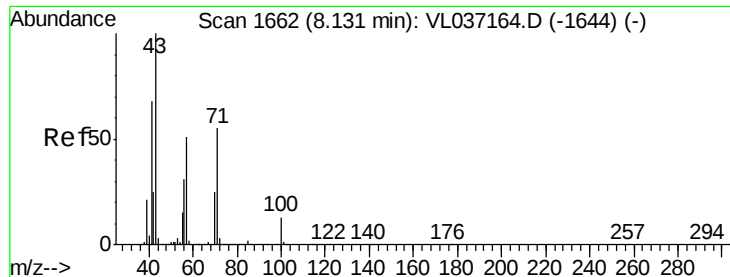
42 63.9 54.5 81.7



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

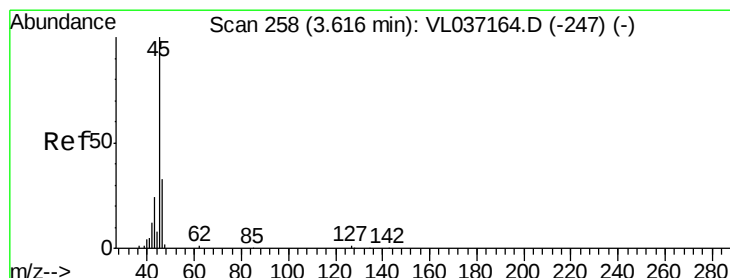
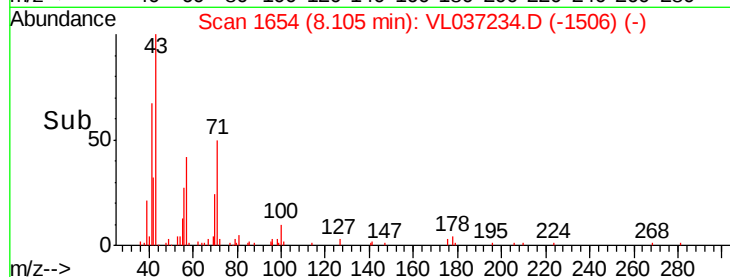
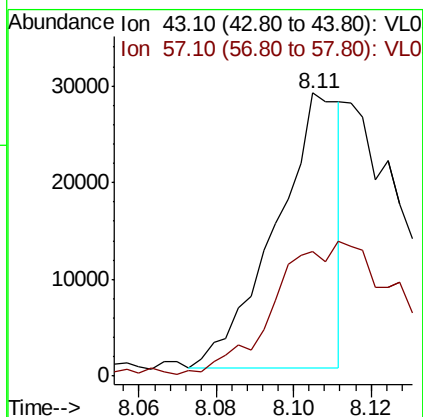
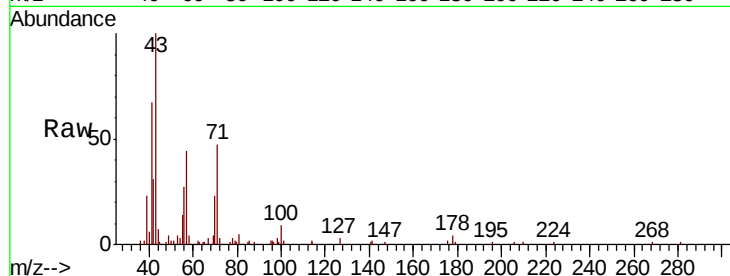




#10
Heptane
Concen: 0.131 ppbv
RT: 8.11 min Scan# 1654
Delta R.T. -0.03 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

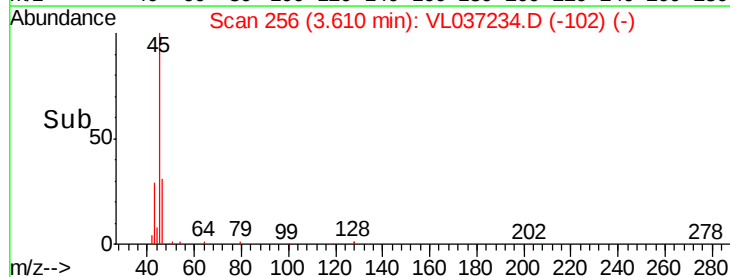
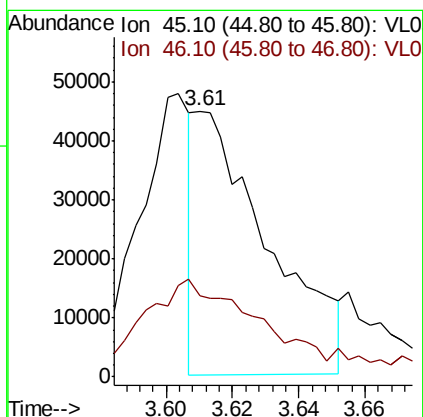
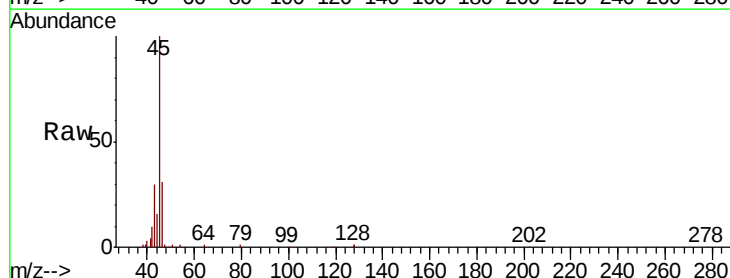
Instrument :
MSVOA_L
ClientSampleId :

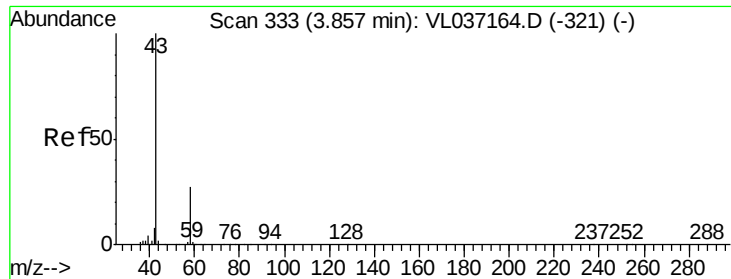
Tot Ion: 43 Resp: 32852
Ion Ratio Lower Upper
43 100
57 100.0 40.6 61.0#



#13
Ethanol
Concen: 4.285 ppbv
RT: 3.61 min Scan# 256
Delta R.T. -0.01 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 45 Resp: 68533
Ion Ratio Lower Upper
45 100
46 69.7 34.2 137.0





#15

Acetone

Concen: 26.993 ppbv

RT: 3.84 min Scan# 327

Delta R.T. -0.02 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

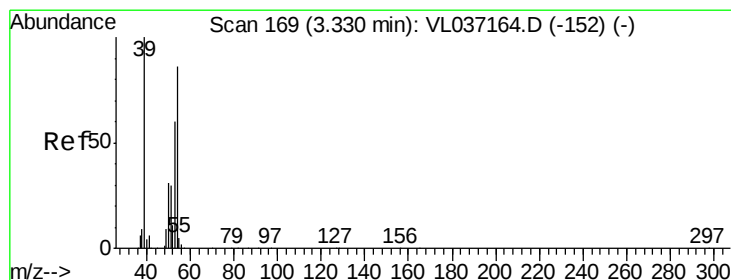
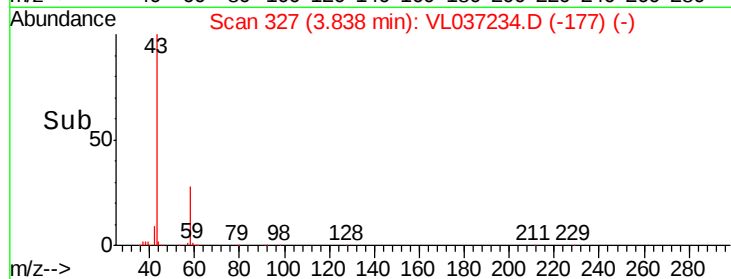
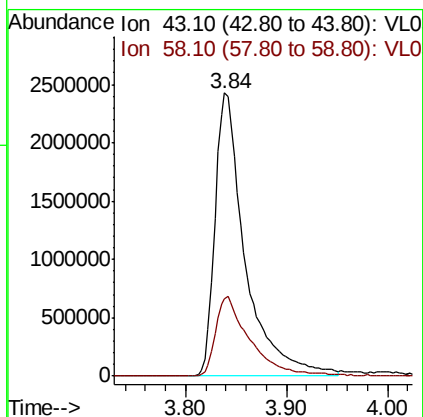
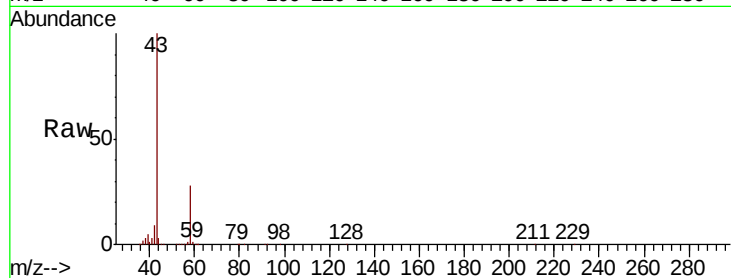
ClientSampled :

Tot Ion: 43 Resp: 5062424

Ion Ratio Lower Upper

43 100

58 32.7 23.7 35.5



#16

1,3-Butadiene

Concen: 11.552 ppbv

RT: 3.30 min Scan# 161

Delta R.T. -0.03 min

Lab File: VL037234.D

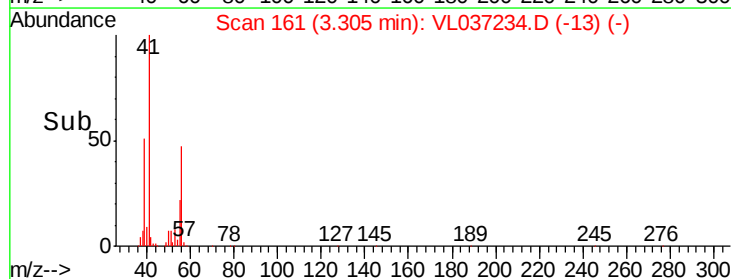
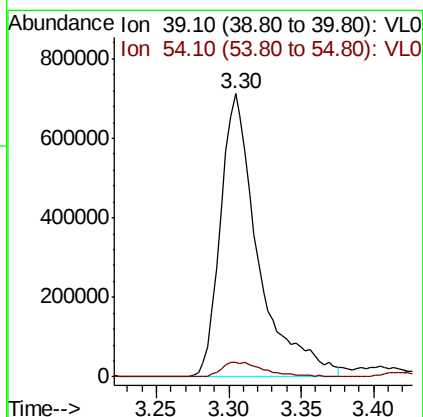
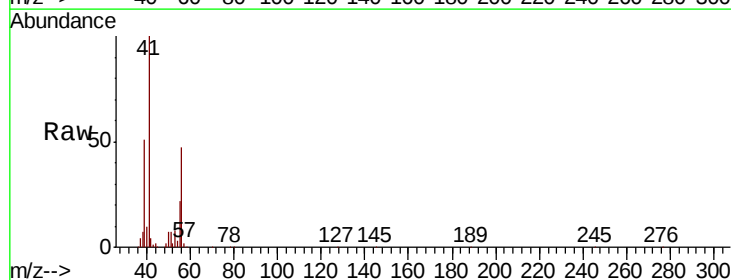
Acq: 23 Jun 2021 5:33

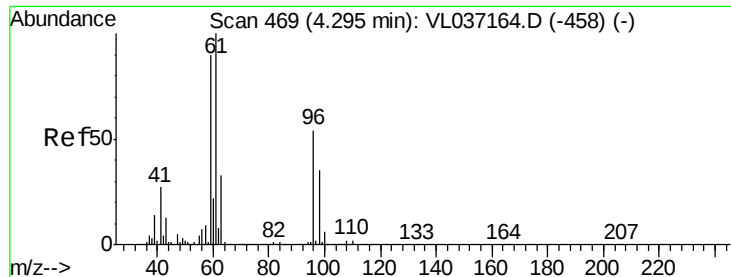
Tgt Ion: 39 Resp: 1280828

Ion Ratio Lower Upper

39 100

54 6.3 61.2 91.8#



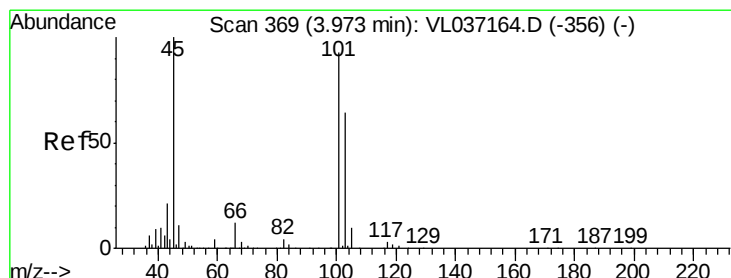
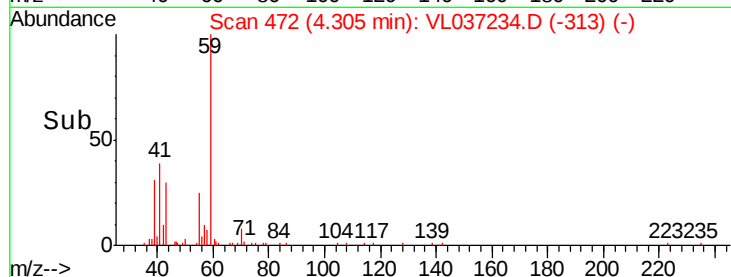
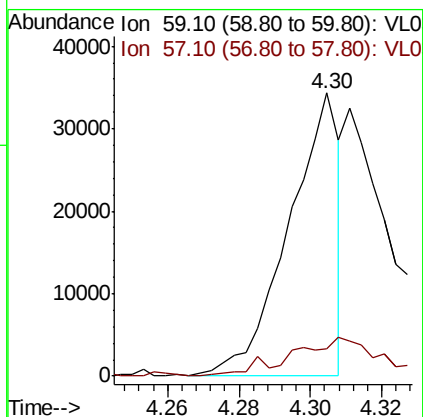
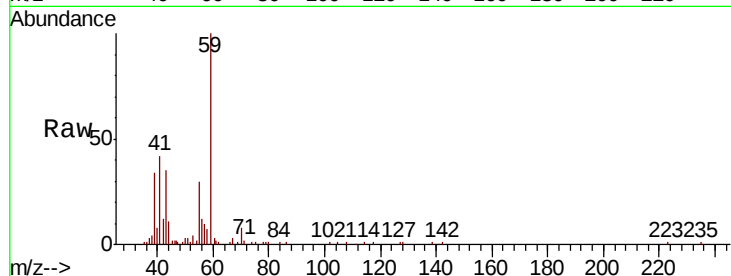


#17

tert-Butyl alcohol
 Concen: 0.195 ppbv
 RT: 4.30 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: VL037234.D
 Acq: 23 Jun 2021 5:33

Instrument :
 MSVOA_L
 ClientSampleId :

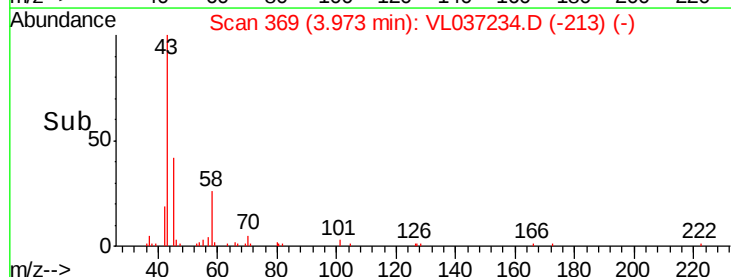
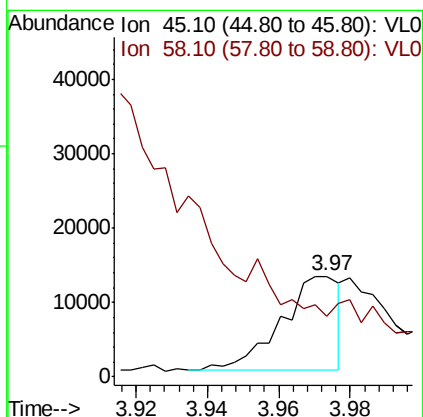
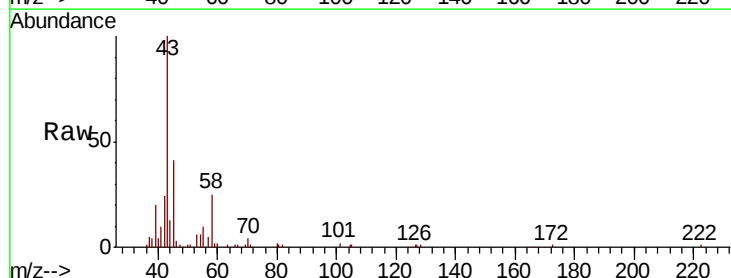
Tot Ion: 59 Resp: 33766
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

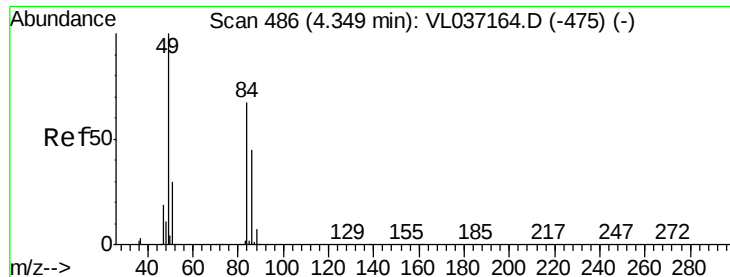


#19

Isopropyl Alcohol
 Concen: 0.125 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL037234.D
 Acq: 23 Jun 2021 5:33

Tgt Ion: 45 Resp: 14204
 Ion Ratio Lower Upper
 45 100
 58 0.0 2.4 3.6#

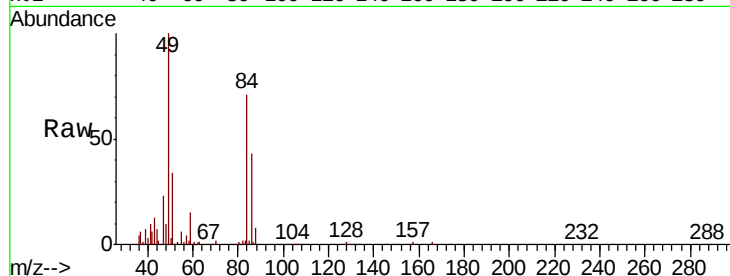




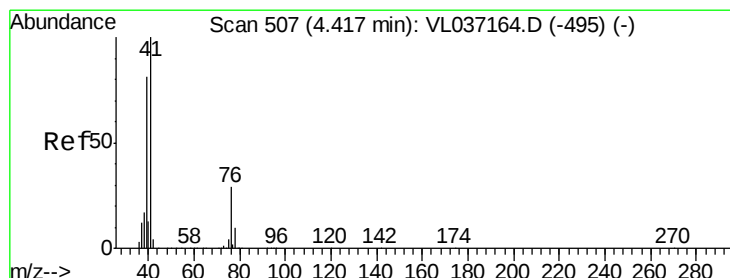
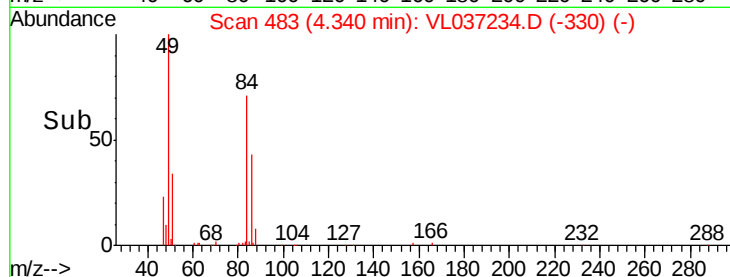
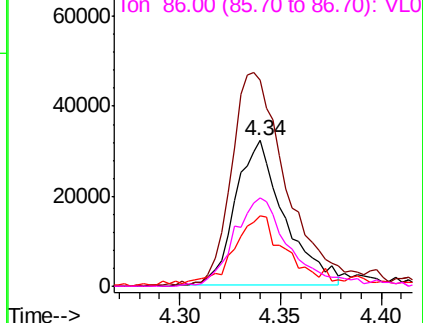
#20
Methylene Chloride
Concen: 0.484 ppbv
RT: 4.34 min Scan# 483
Delta R.T. -0.01 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	84	Resp:	54316
Ion	Ratio	Lower	Upper
84	100		
49	142.6	119.7	179.5
51	45.5	36.1	54.1
86	60.3	53.7	80.5

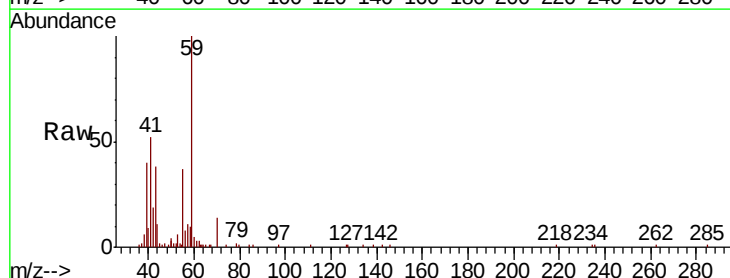


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

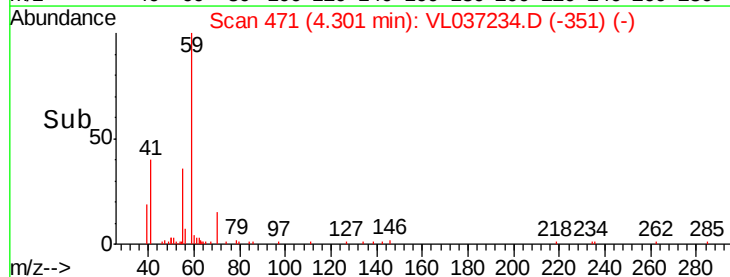
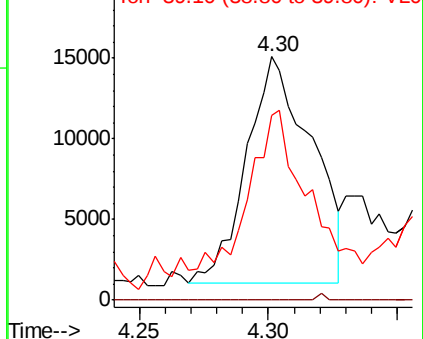


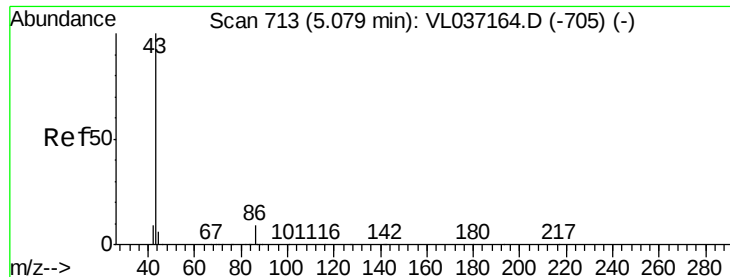
#21
Allyl Chloride
Concen: 0.175 ppbv
RT: 4.30 min Scan# 471
Delta R.T. -0.12 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion:	41	Resp:	24721
Ion	Ratio	Lower	Upper
41	100		
76	0.0	24.6	37.0#
39	67.1	65.4	98.0



Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 76.10 (75.80 to 76.80): VL0
Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 0.527 ppbv

RT: 5.16 min Scan# 739

Delta R.T. 0.08 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 43 Resp: 141731

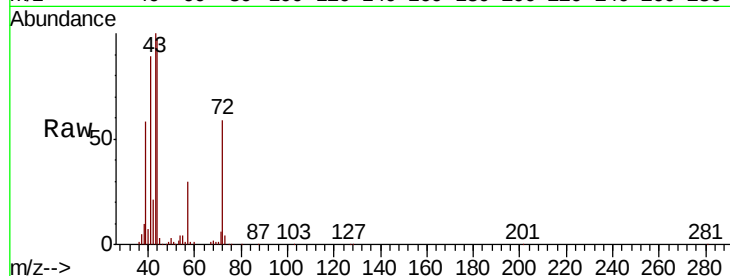
Ion Ratio Lower Upper

43 100

86 0.0 5.8 8.8#

42 19.8 8.2 12.2#

44 101.5 4.2 6.4#

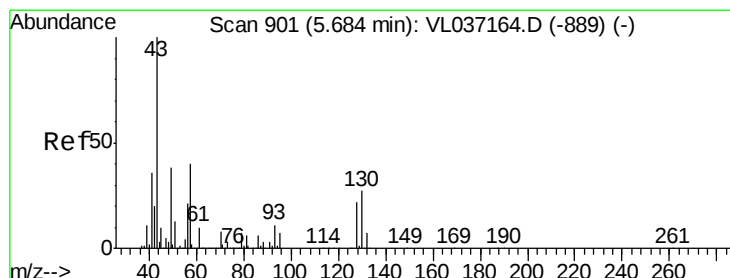
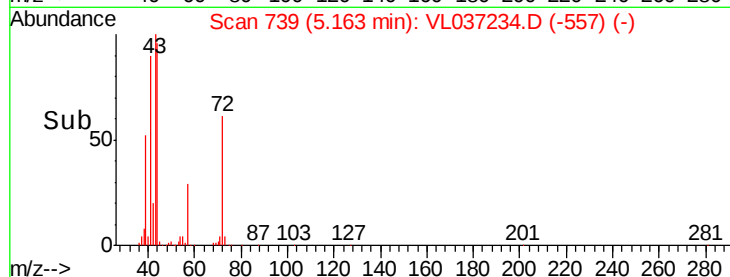
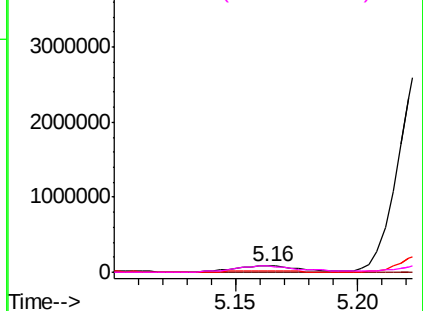


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 19.476 ppbv

RT: 5.23 min Scan# 760

Delta R.T. -0.45 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Tgt Ion: 43 Resp: 7907429

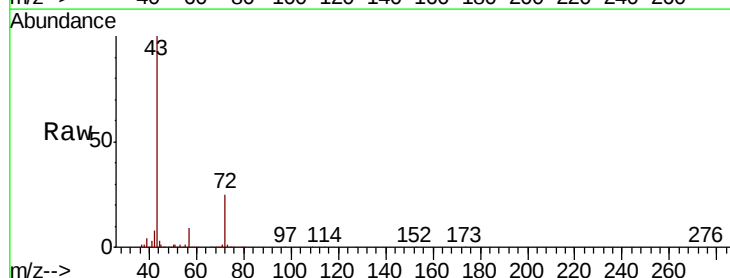
Ion Ratio Lower Upper

43 100

45 0.7 8.0 12.0#

61 0.0 8.1 12.1#

70 0.1 5.5 8.3#

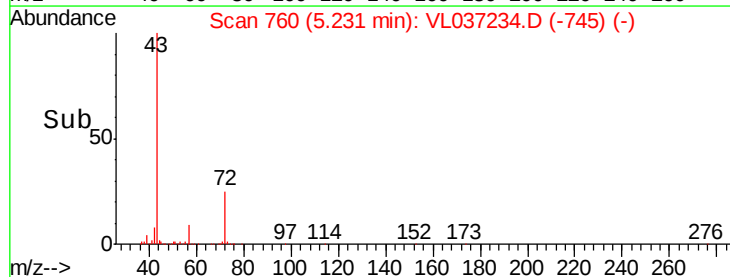
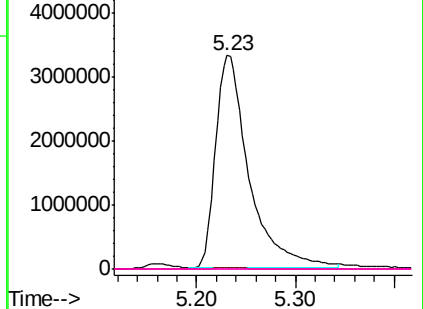


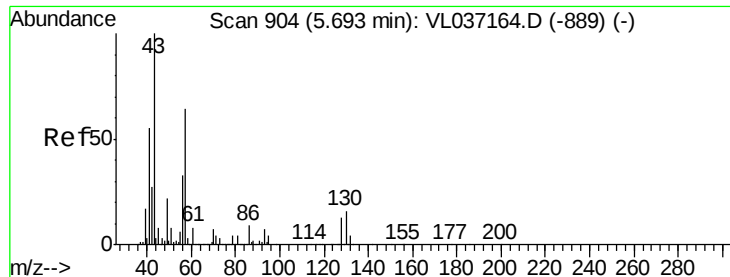
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0





#26

Hexane

Concen: 0.321 ppbv

RT: 5.68 min Scan# 900

Delta R.T. -0.01 min

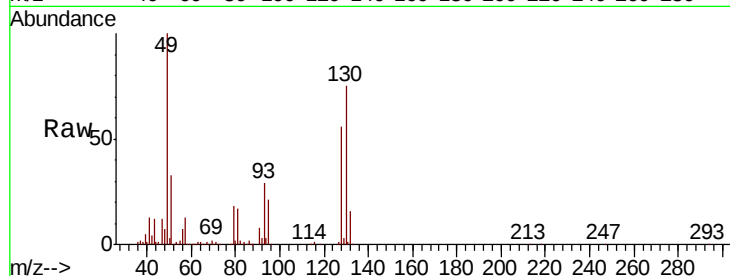
Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 57 Resp: 65853

Ion	Ratio	Lower	Upper
57	100		
41	148.5	73.5	110.3#
43	0.0	170.7	256.1#
56	74.3	42.4	63.6#



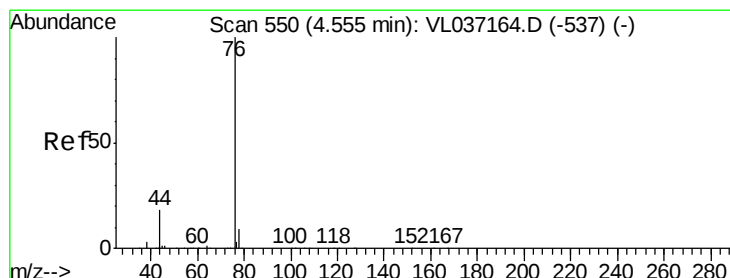
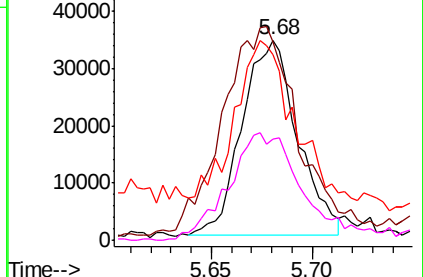
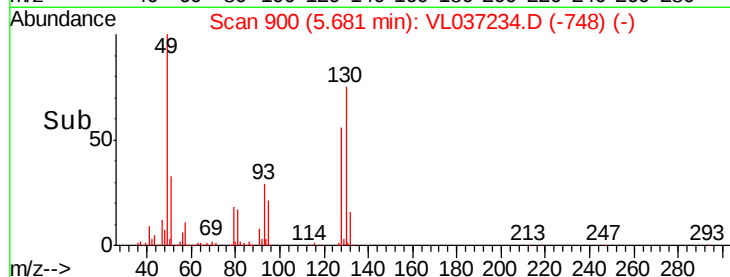
Abundance Ion 57.10 (56.80 to 57.80): VL0

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

Time-->



#27

Carbon Disulfide

Concen: 0.651 ppbv

RT: 4.55 min Scan# 547

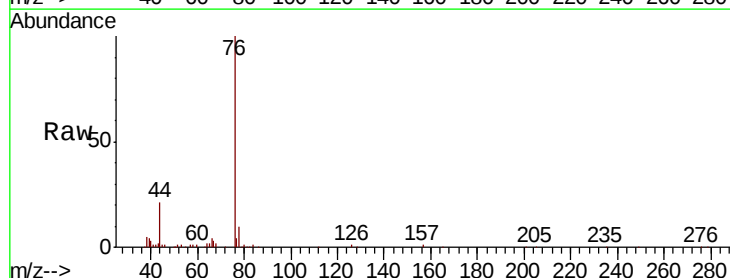
Delta R.T. -0.01 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Tgt Ion: 76 Resp: 130837

Ion	Ratio	Lower	Upper
76	100		
44	22.4	15.4	23.2
78	10.0	8.0	12.0

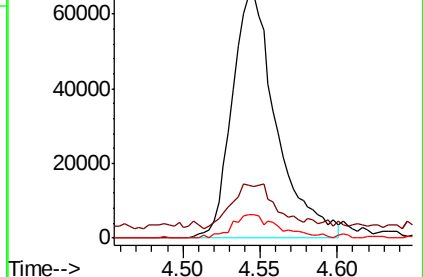
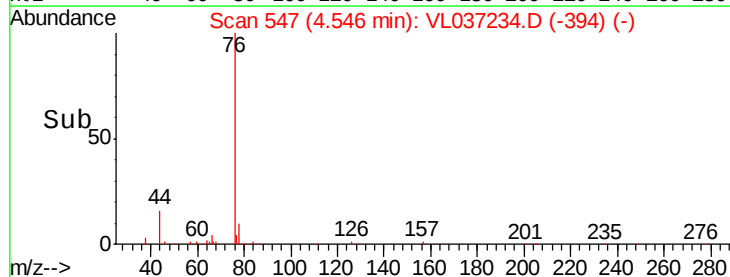


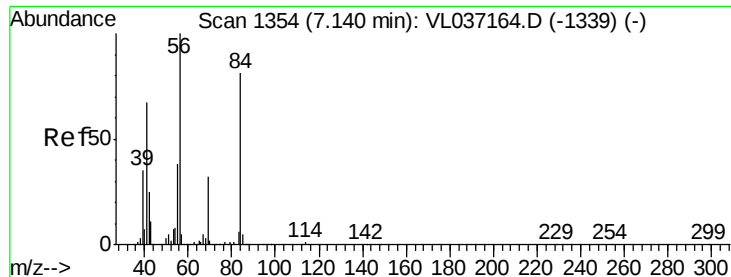
Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

Time-->

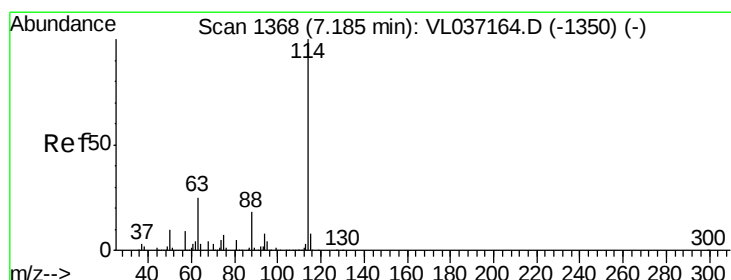
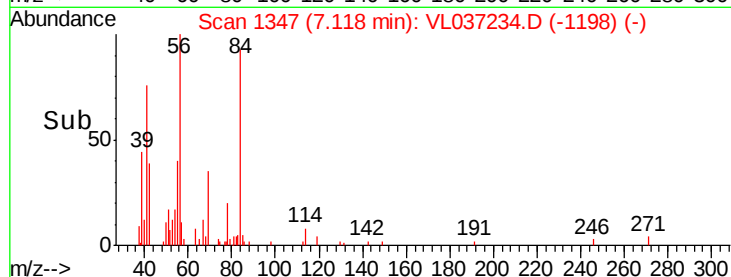
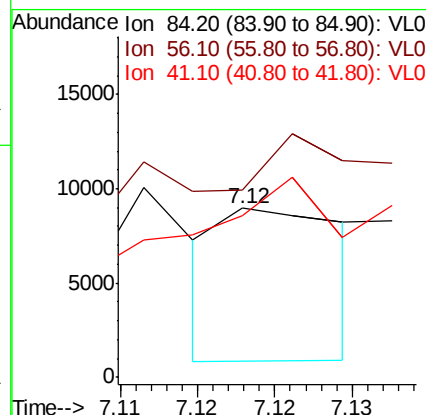
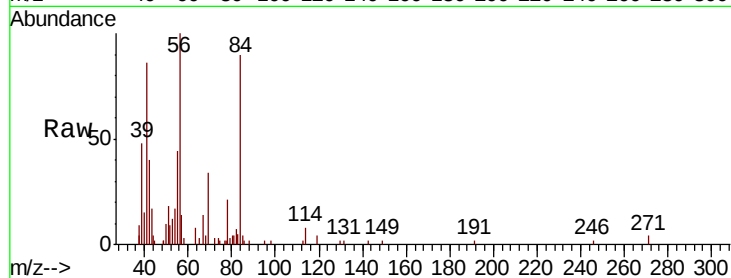




#30
Cvclohexane
Concen: 0.026 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

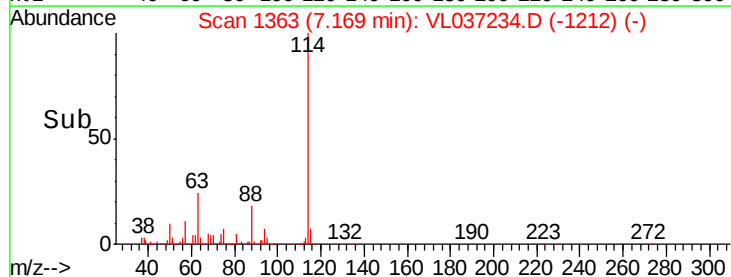
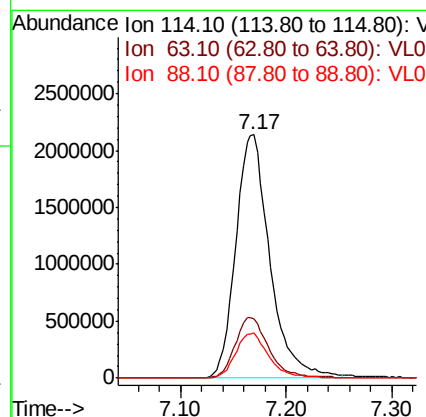
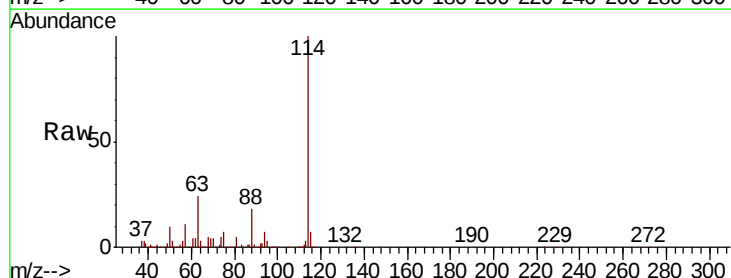
Instrument :
MSVOA_L
ClientSampleId :

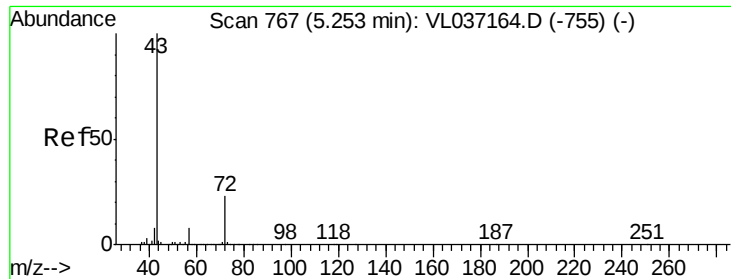
Tot Ion: 84 Resp: 4475
Ion Ratio Lower Upper
84 100
56 0.0 107.7 161.5#
41 0.0 69.0 103.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 114 Resp: 4795405
Ion Ratio Lower Upper
114 100
63 24.9 19.6 29.4
88 18.0 14.2 21.2

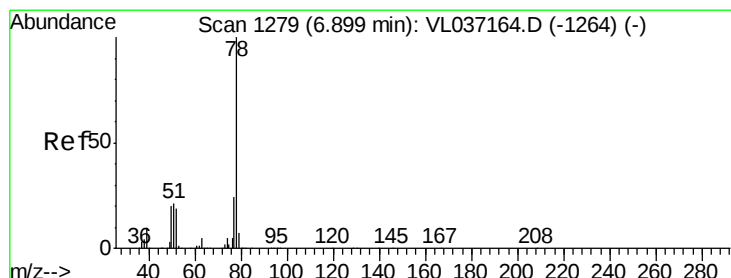
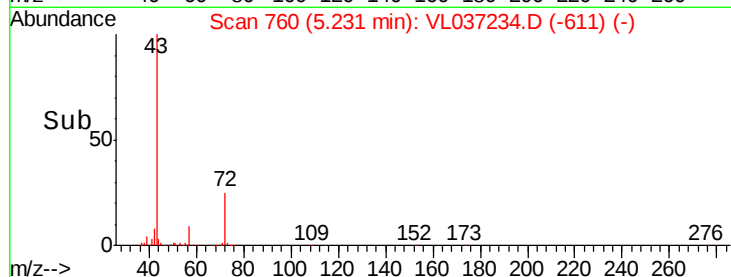
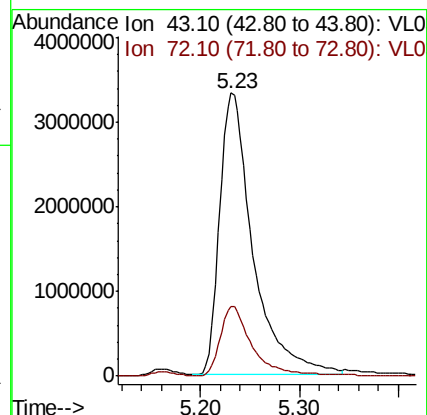
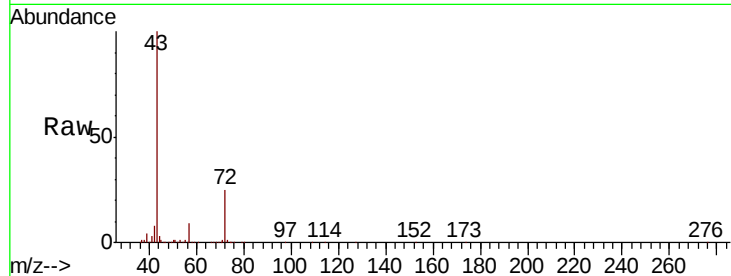




#34
2-Butanone
Concen: 42.399 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

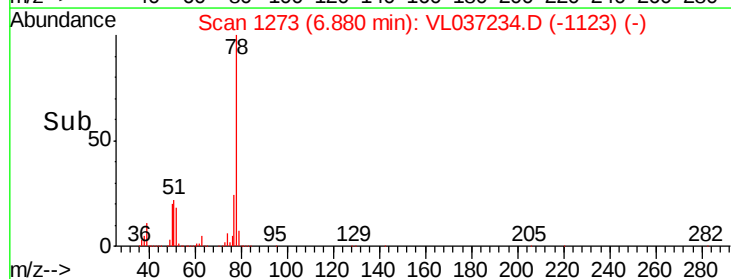
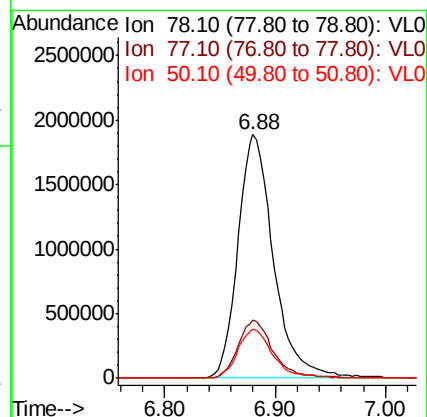
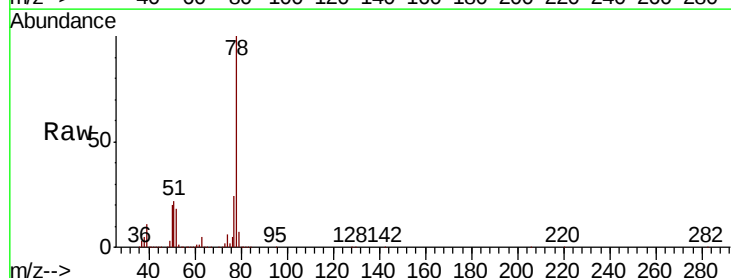
Instrument :
MSVOA_L
ClientSampleId :

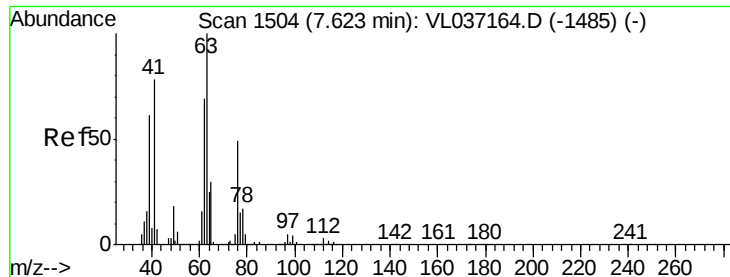
Tot Ion: 43 Resp: 7907429
Ion Ratio Lower Upper
43 100
72 24.1 18.9 28.3



#36
Benzene
Concen: 10.827 ppbv
RT: 6.88 min Scan# 1273
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 78 Resp: 4198510
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6
50 20.0 15.7 23.5





#39

1,2-Dichloropropane

Concen: 8.031 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.46 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

ClientSampleId :

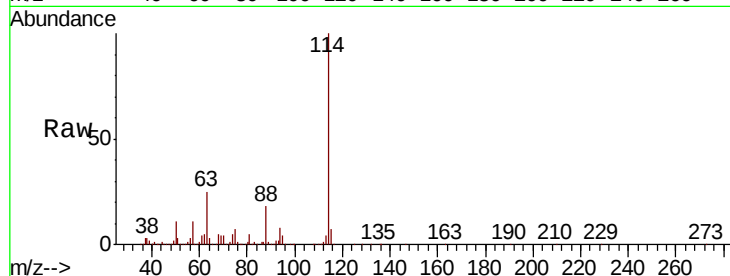
Tot Ion: 63 Resp: 1157201

Ion Ratio Lower Upper

63 100

41 1.5 62.0 93.0#

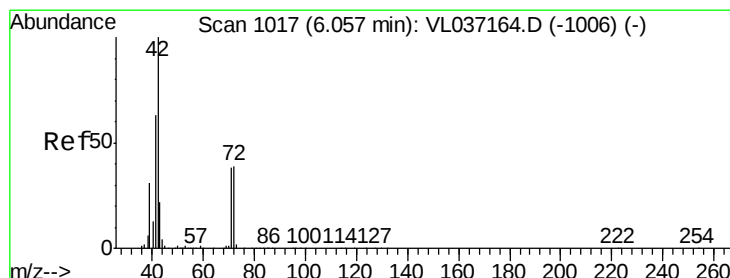
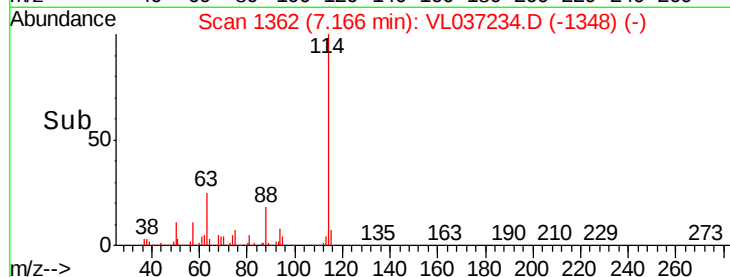
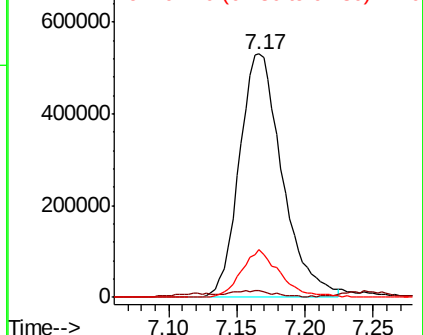
62 19.6 54.9 82.3#



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: 0.108 ppbv

RT: 6.04 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

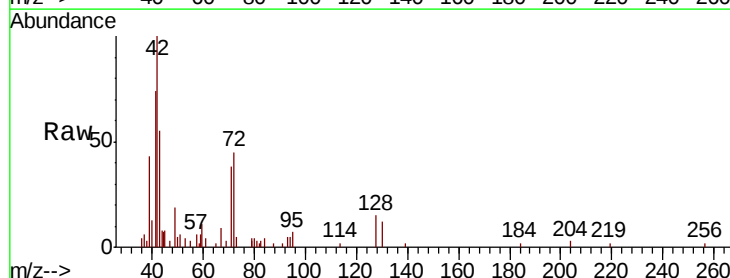
Tgt Ion: 42 Resp: 9373

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

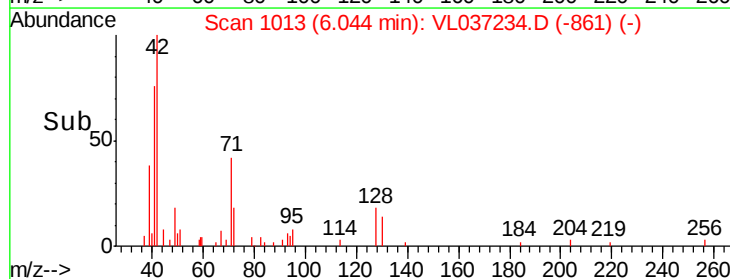
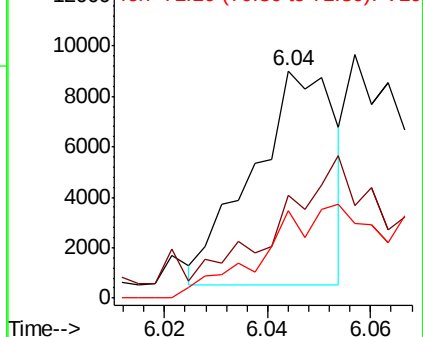
71 0.0 31.0 46.6#

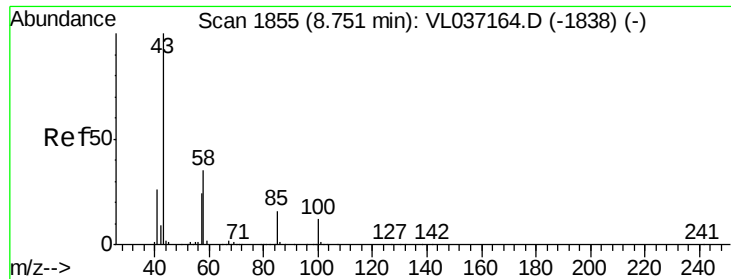


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

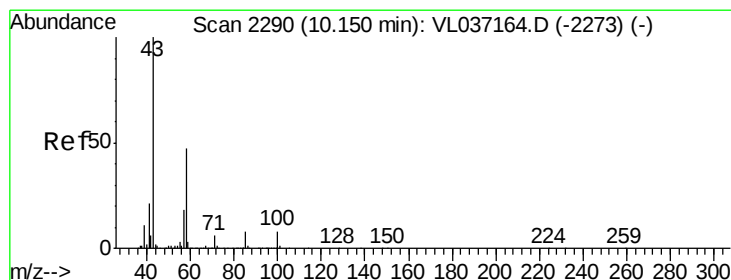
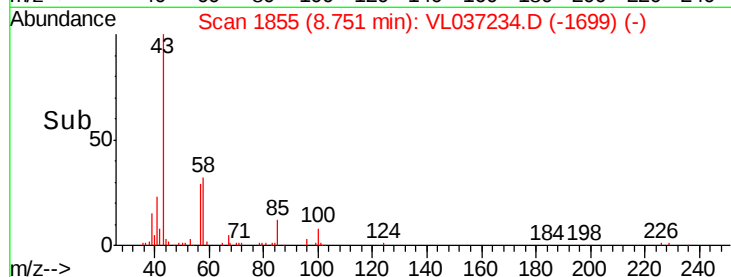
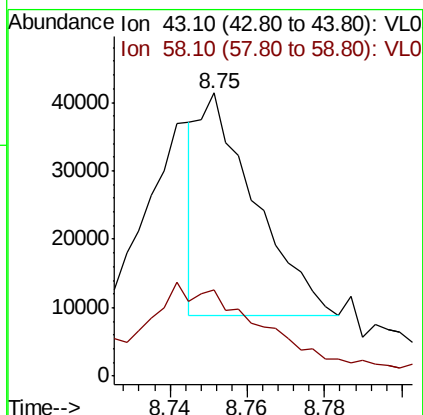
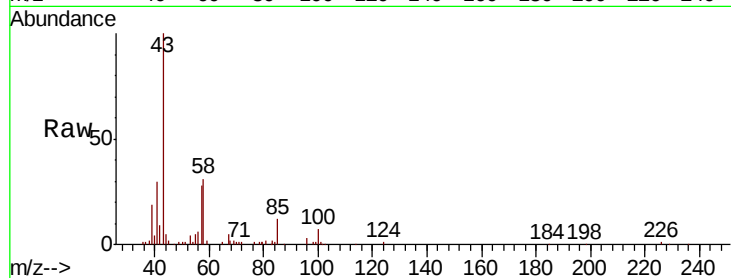




#50
4-Methyl-2-Pentanone
Concen: 0.129 ppbv
RT: 8.75 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

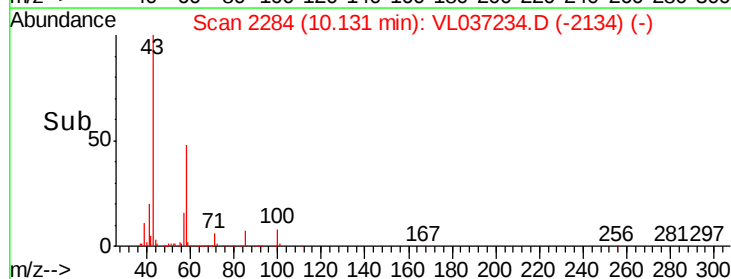
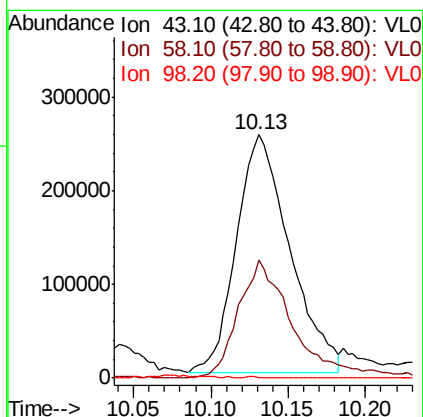
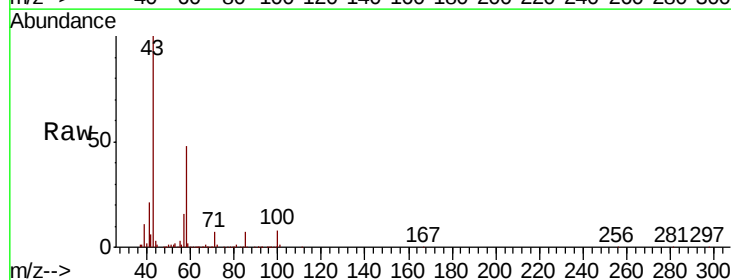
Instrument :
MSVOA_L
ClientSampleId :

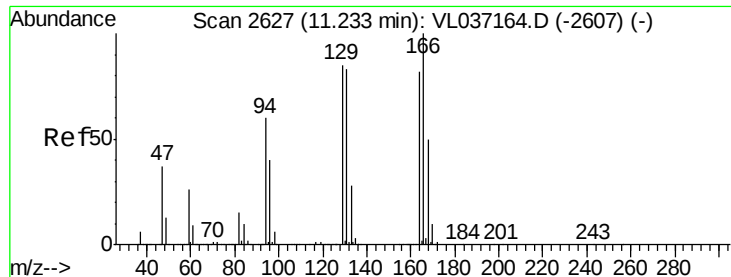
Tot Ion: 43 Resp: 33095
Ion Ratio Lower Upper
43 100
58 102.6 28.4 42.6#



#51
2-Hexanone
Concen: 4.902 ppbv
RT: 10.13 min Scan# 2284
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 43 Resp: 610931
Ion Ratio Lower Upper
43 100
58 53.3 38.4 57.6
98 0.2 0.3 0.5#





#52

Tetrachloroethene

Concen: 0.860 ppbv

RT: 11.21 min Scan# 2620

Delta R.T. -0.02 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 154899

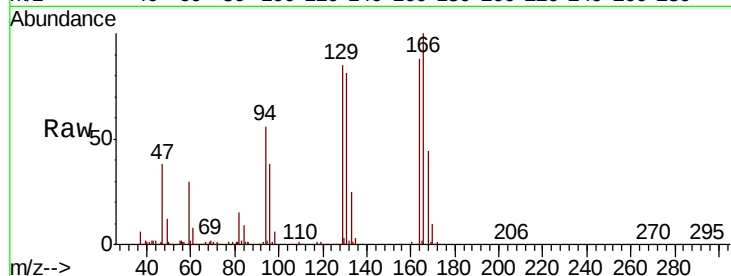
Ion Ratio Lower Upper

164 100

166 113.9 97.6 146.4

129 96.9 82.9 124.3

131 92.4 80.6 120.8



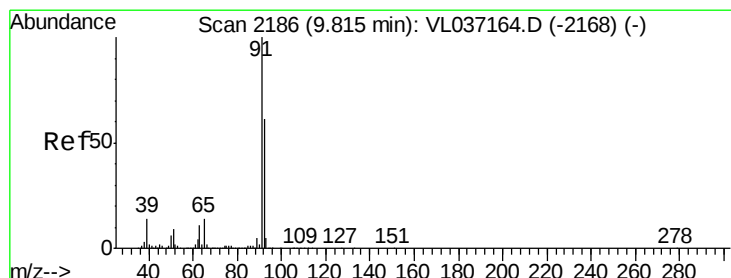
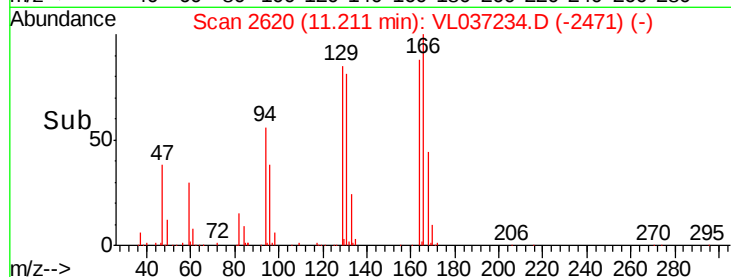
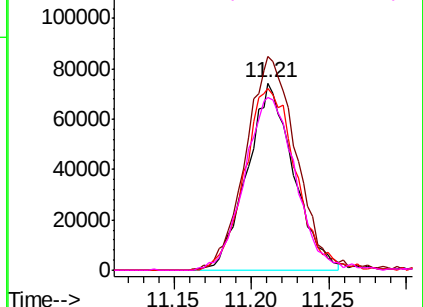
Abundance

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: 3.407 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.02 min

Lab File: VL037234.D

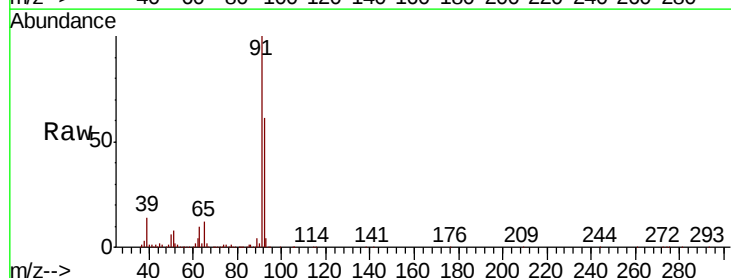
Acq: 23 Jun 2021 5:33

Tgt Ion: 91 Resp: 1578016

Ion Ratio Lower Upper

91 100

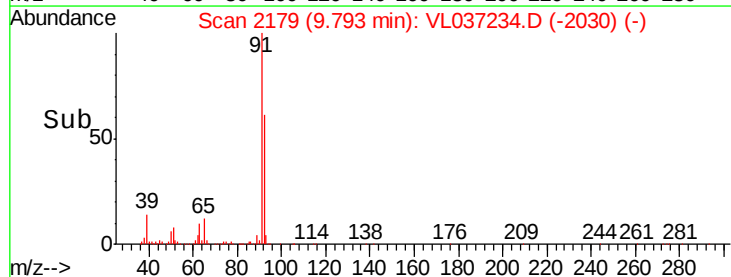
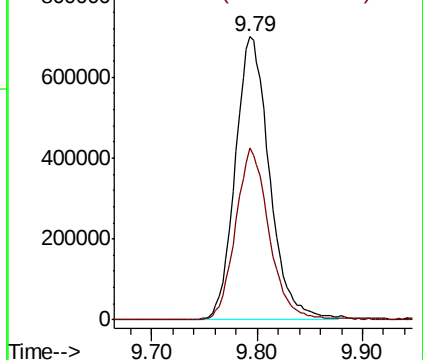
92 59.9 48.3 72.5

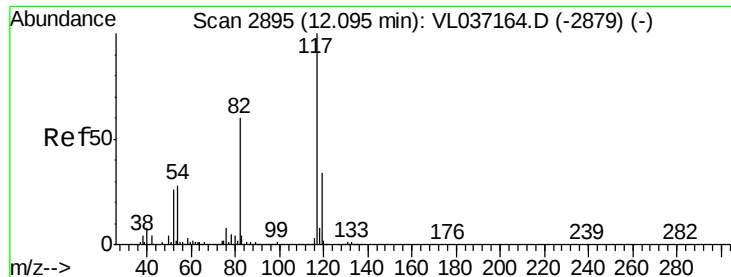


Abundance

Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

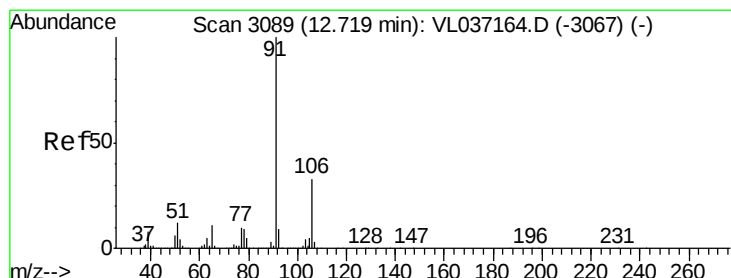
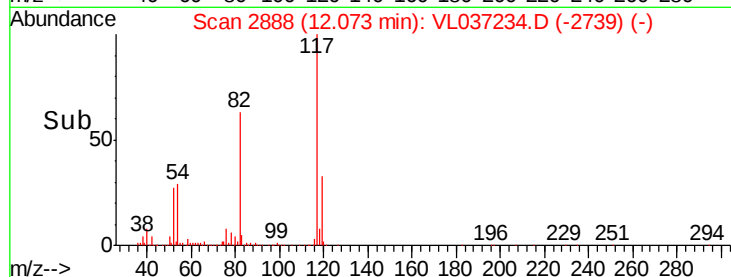
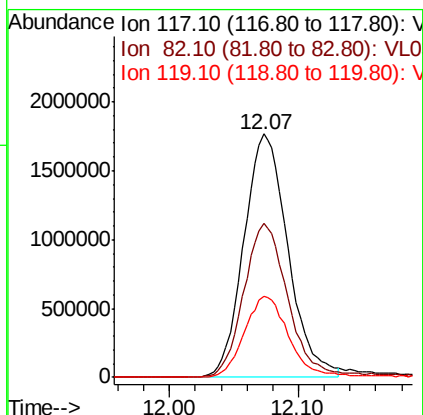
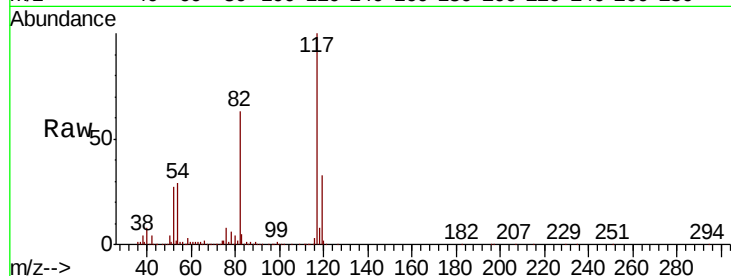




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

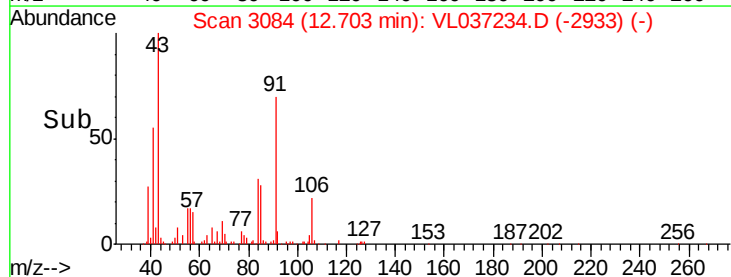
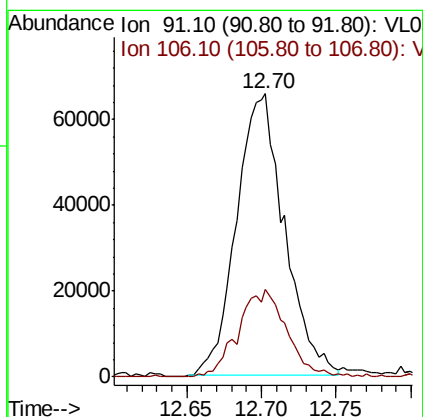
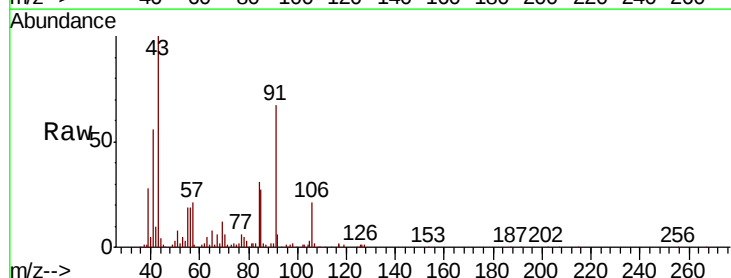
Instrument :
MSVOA_L
ClientSampleId :

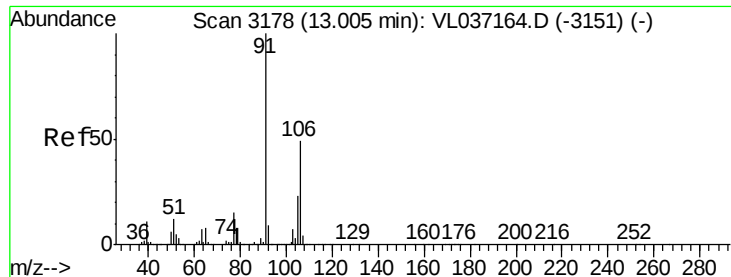
Tot Ion:117 Resp: 4209902
Ion Ratio Lower Upper
117 100
82 65.5 51.7 77.5
119 34.2 47.6 71.4#



#58
Ethyl Benzene
Concen: 0.253 ppbv
RT: 12.70 min Scan# 3084
Delta R.T. -0.02 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 91 Resp: 146406
Ion Ratio Lower Upper
91 100
106 31.3 26.3 39.5

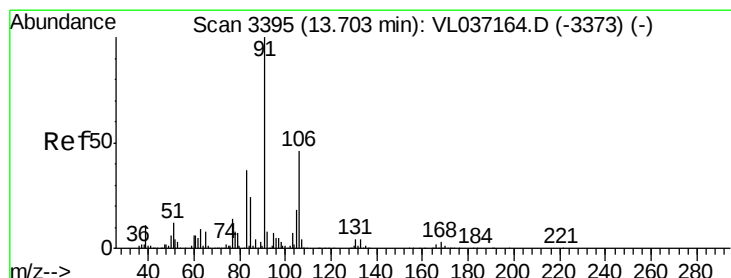
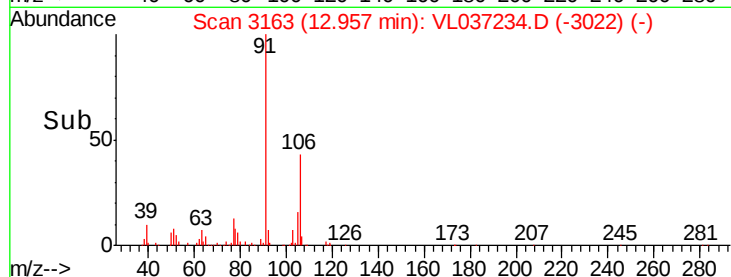
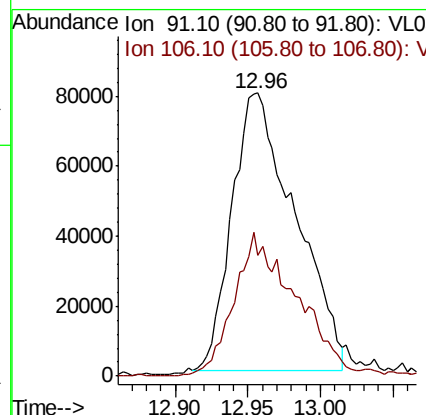
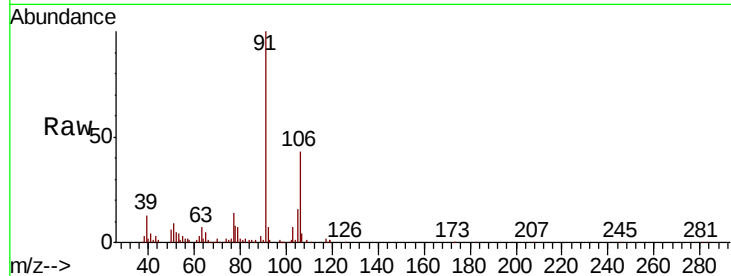




#59
m/p-Xylene
Concen: 0.488 ppbv
RT: 12.96 min Scan# 3163
Delta R.T. -0.05 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

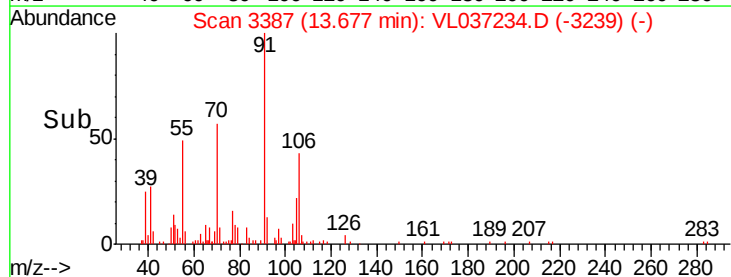
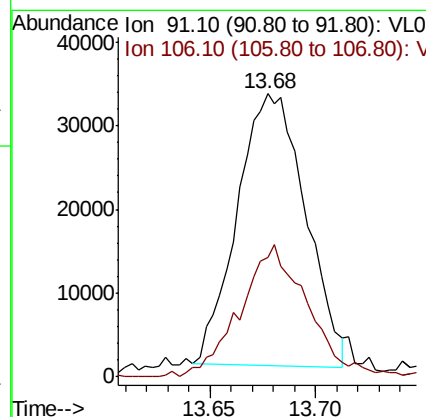
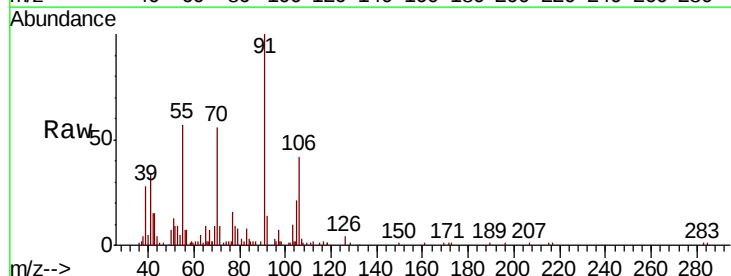
Instrument :
MSVOA_L
ClientSampled :

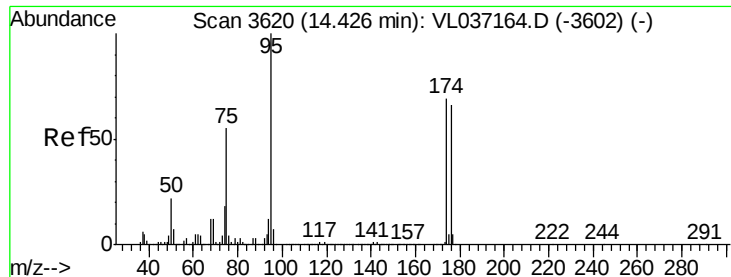
Tot Ion: 91 Resp: 239736
Ion Ratio Lower Upper
91 100
106 51.8 37.0 55.4



#60
o-Xylene
Concen: 0.156 ppbv
RT: 13.68 min Scan# 3387
Delta R.T. -0.03 min
Lab File: VL037234.D
Acq: 23 Jun 2021 5:33

Tgt Ion: 91 Resp: 73072
Ion Ratio Lower Upper
91 100
106 49.0 23.0 69.0

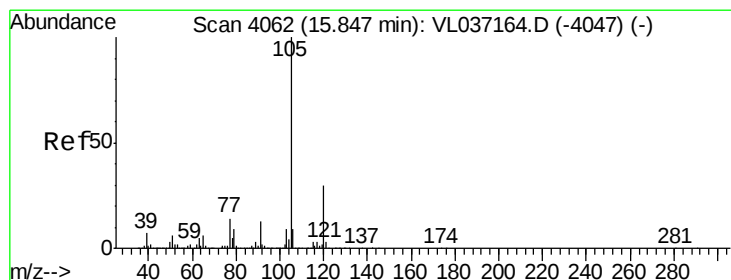
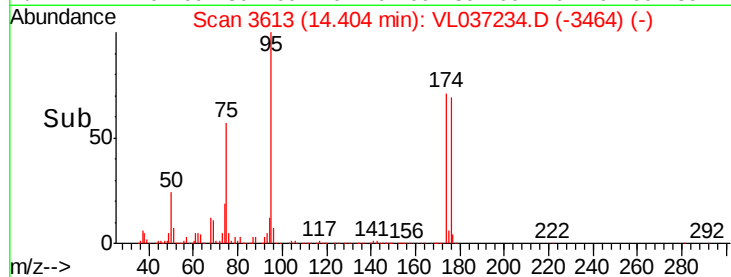
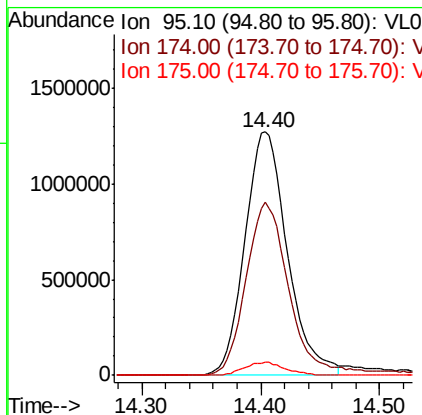
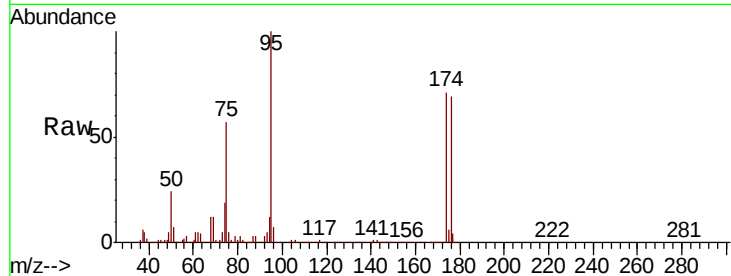




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.861 ppbv
 RT: 14.40 min Scan# 3613
 Delta R.T. -0.02 min
 Lab File: VL037234.D
 Acq: 23 Jun 2021 5:33

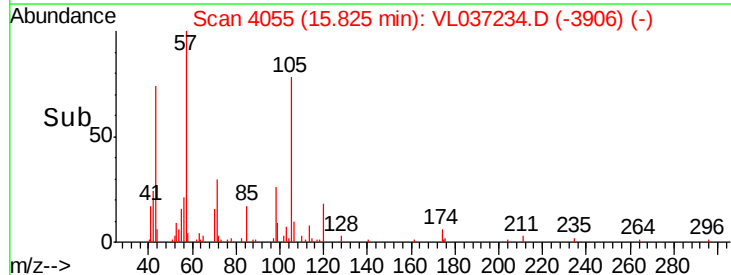
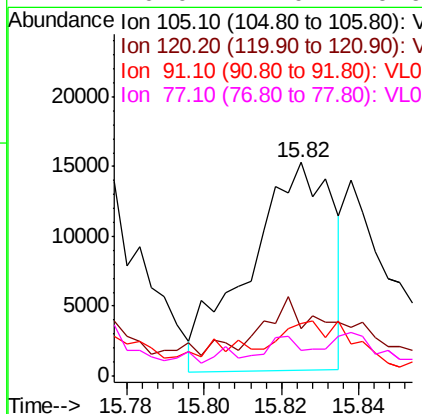
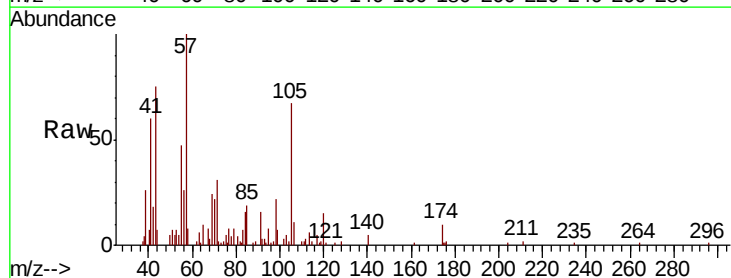
Instrument :
 MSVOA_L
 ClientSampleId :

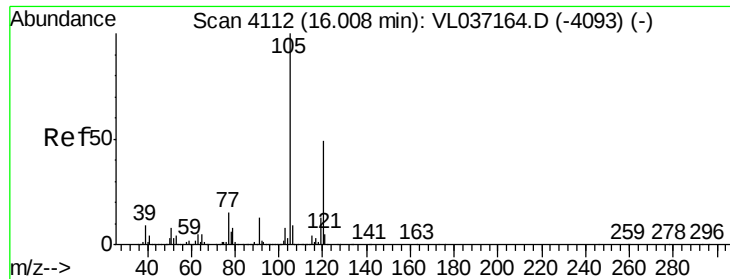
Tot Ion: 95 Resp: 3145614
 Ion Ratio Lower Upper
 95 100
 174 75.4 57.0 85.4
 175 5.6 4.4 6.6



#72
 4-Ethyltoluene
 Concen: 0.042 ppbv
 RT: 15.82 min Scan# 4055
 Delta R.T. -0.02 min
 Lab File: VL037234.D
 Acq: 23 Jun 2021 5:33

Tgt Ion: 105 Resp: 22334
 Ion Ratio Lower Upper
 105 100
 120 56.2 24.7 37.1#
 91 0.0 10.2 15.4#
 77 0.0 11.0 16.6#





#73

1,3,5-Trimethylbenzene

Concen: 0.021 ppbv

RT: 15.98 min Scan# 4103

Delta R.T. -0.03 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Instrument :

MSVOA_L

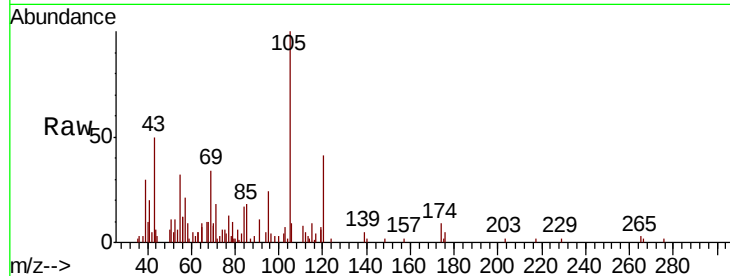
ClientSampleId :

Tot Ion:105 Resp: 10613

Ion Ratio Lower Upper

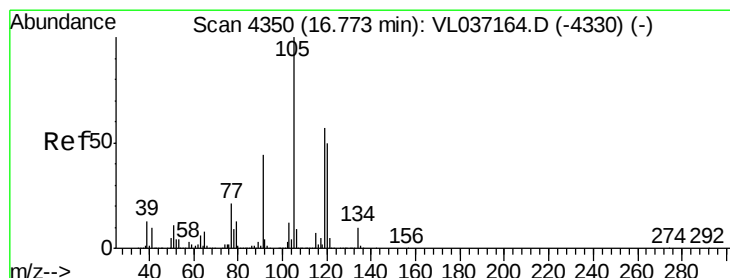
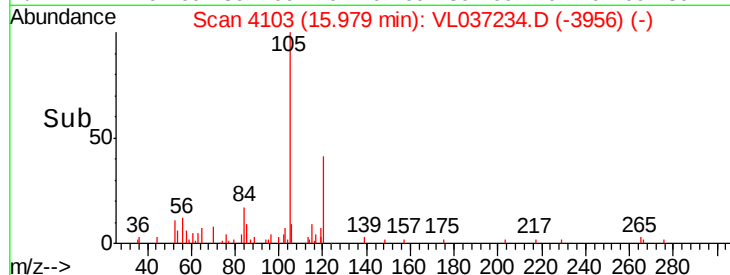
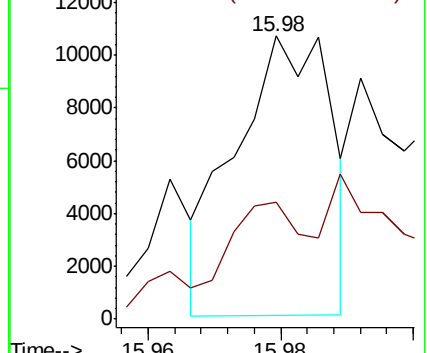
105 100

120 44.1 39.4 59.2



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.153 ppbv

RT: 16.75 min Scan# 4342

Delta R.T. -0.03 min

Lab File: VL037234.D

Acq: 23 Jun 2021 5:33

Tgt Ion:105 Resp: 81142

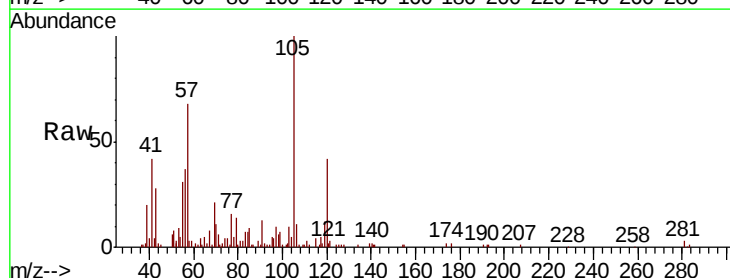
Ion Ratio Lower Upper

105 100

120 44.6 39.8 59.8

91 10.1 37.0 55.4#

77 14.5 17.0 25.4#



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

