

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090821\
 Data File : VL037587.D
 Acq On : 9 Sep 2021 1:17
 Operator : SY/AP
 Sample : M3663-05 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

Quant Time: Sep 09 09:15:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1660987	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4750326	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	4302021	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3105739	10.16	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

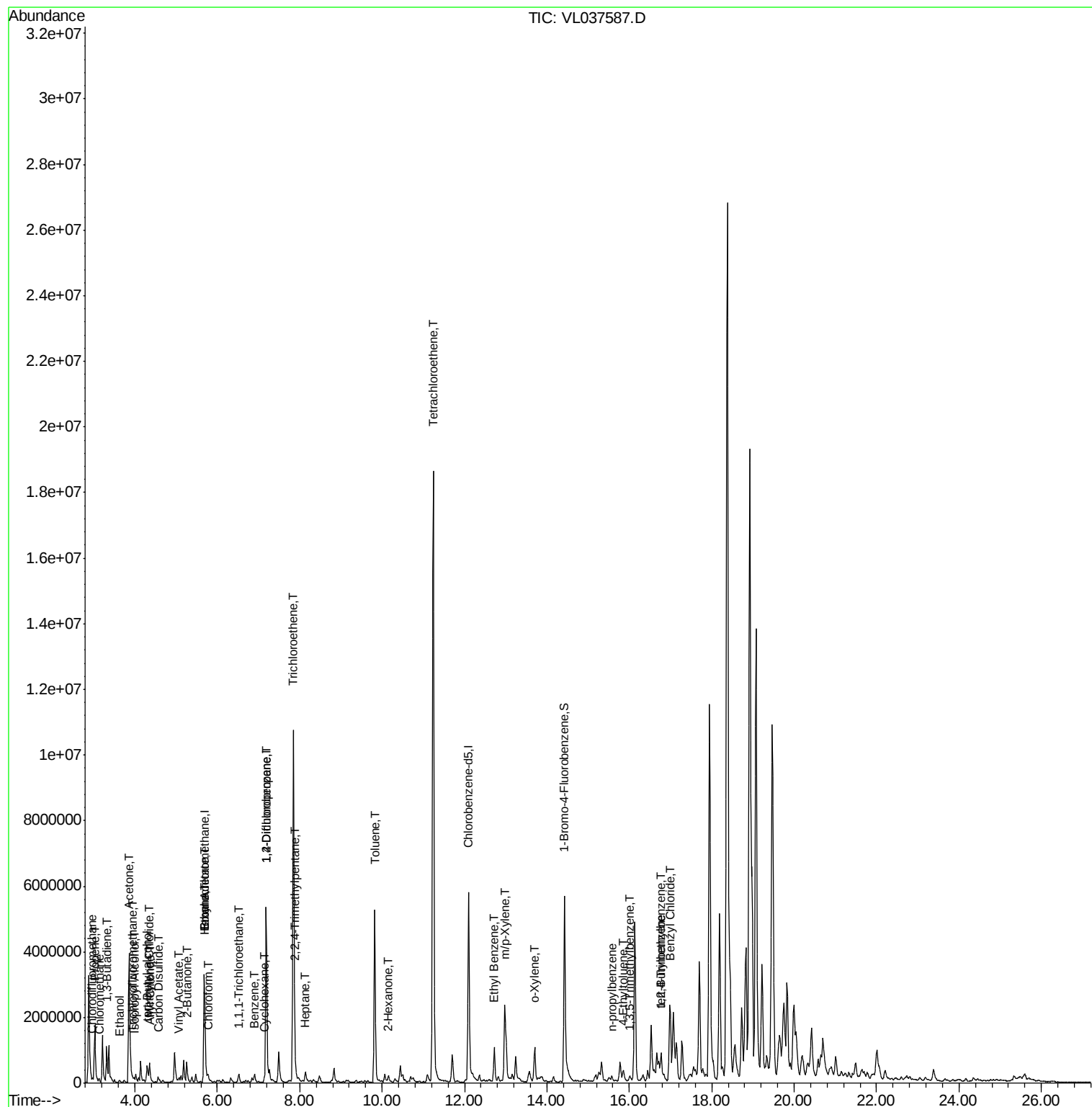
Target Compounds					Ovalue
3) Chlorodifluoromethane	2.97	51	140224	0.441 ppbv	# 72
4) Chloromethane	3.15	50	6869	0.060 ppbv	# 79
9) Propene	3.02	41	745164	6.548 ppbv	86
10) Heptane	8.14	43	56067	0.214 ppbv	# 1
11) Trichlorofluoromethane	3.96	101	16966	0.068 ppbv	91
13) Ethanol	3.62	45	32409	2.927 ppbv	# 39
15) Acetone	3.85	43	5459105	32.294 ppbv	100
16) 1,3-Butadiene	3.31	39	327821	3.023 ppbv	# 19
17) tert-Butyl alcohol	4.30	59	450234	2.916 ppbv	96
19) Isopropyl Alcohol	3.98	45	90351	0.933 ppbv	# 95
20) Methylene Chloride	4.36	84	206211	2.436 ppbv	93
21) Allyl Chloride	4.38	41	11147	0.081 ppbv	# 36
23) Vinyl Acetate	5.08	43	18200	0.073 ppbv	# 57
25) Ethyl Acetate	5.69	43	378174	0.881 ppbv	# 80
26) Hexane	5.70	57	525419	2.504 ppbv	# 46
27) Carbon Disulfide	4.56	76	224072	1.198 ppbv	99
29) Chloroform	5.77	83	31245	0.105 ppbv	98
30) Cyclohexane	7.14	84	24735	0.141 ppbv	# 1
32) 1,1,1-Trichloroethane	6.53	97	158965	0.544 ppbv	97
34) 2-Butanone	5.26	43	829942	4.278 ppbv	94
36) Benzene	6.90	78	132545	0.332 ppbv	98
38) Trichloroethene	7.84	130	4160705	25.395 ppbv	96
39) 1,2-Dichloropropane	7.19	63	1114327	7.262 ppbv	# 28
44) 2,2,4-Trimethylpentane	7.89	57	41619	0.062 ppbv	# 1
51) 2-Hexanone	10.16	43	160633	1.380 ppbv	# 95
52) Tetrachloroethene	11.24	164	5843360	35.709 ppbv	97
53) Toluene	9.82	91	4690739	10.287 ppbv	99
58) Ethyl Benzene	12.73	91	985723	1.651 ppbv	92
59) m/p-Xylene	12.98	91	2661268	5.142 ppbv	96
60) o-Xylene	13.71	91	882934	1.828 ppbv	98
64) n-propylbenzene	15.59	120	8127	0.047 ppbv	# 1
65) tert-Butylbenzene	16.77	119	34043	0.055 ppbv	# 1
66) Benzyl Chloride	17.00	91	870	0.031 ppbv	# 63
72) 4-Ethyltoluene	15.85	105	238875	0.416 ppbv	# 88
73) 1,3,5-Trimethylbenzene	16.01	105	125982	0.236 ppbv	90
74) 1,2,4-Trimethylbenzene	16.77	105	695965	1.225 ppbv	# 67

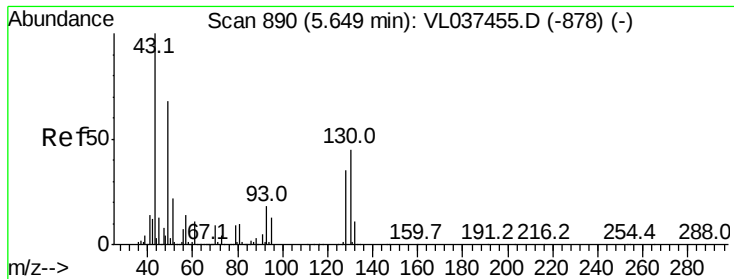
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 899

Delta R.T. 0.03 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

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SV-2

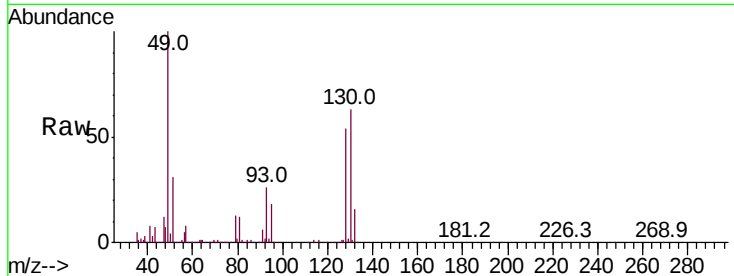
Tot Ion: 49 Resp: 1660987

Ion Ratio Lower Upper

49 100

128 51.5 27.5 82.4

130 65.6 34.0 101.8



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

5.68

800000

600000

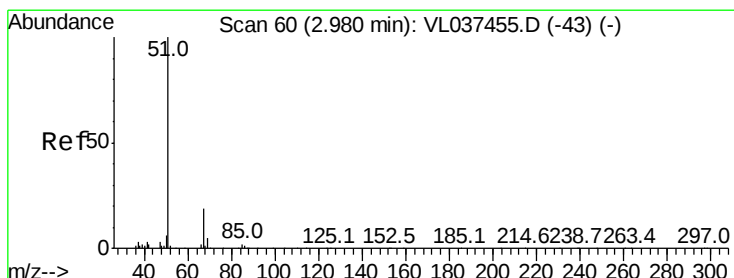
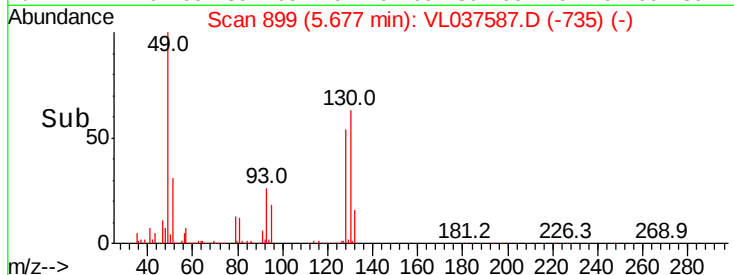
400000

200000

0

Time-->

5.60 5.70 5.80



#3

Chlorodifluoromethane

Concen: 0.441 ppbv

RT: 2.97 min Scan# 57

Delta R.T. -0.01 min

Lab File: VL037587.D

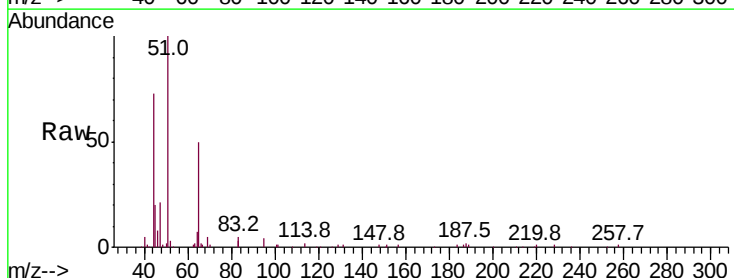
Acq: 9 Sep 2021 1:17

Tgt Ion: 51 Resp: 140224

Ion Ratio Lower Upper

51 100

67 5.6 14.2 21.2#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

60000

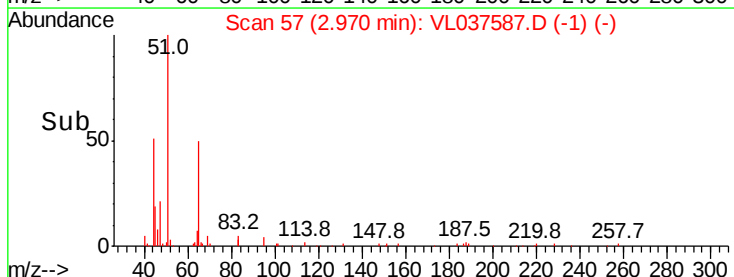
40000

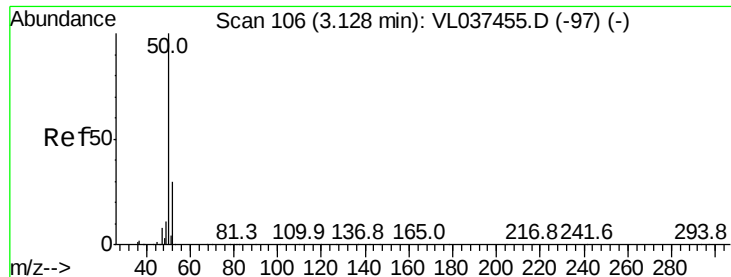
20000

0

Time-->

2.90 3.00 3.10





#4

Chloromethane

Concen: 0.060 ppbv

RT: 3.15 min Scan# 112

Delta R.T. 0.02 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

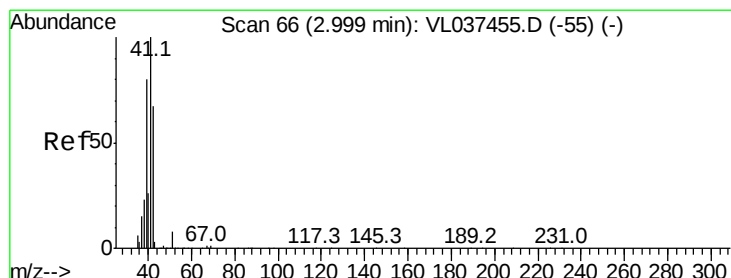
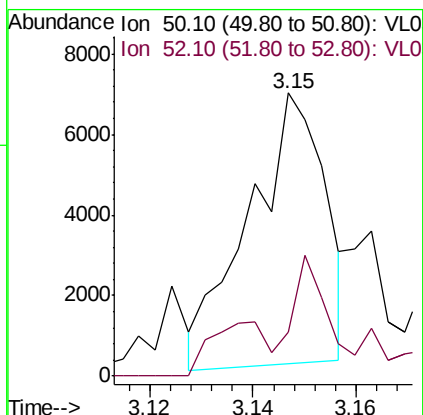
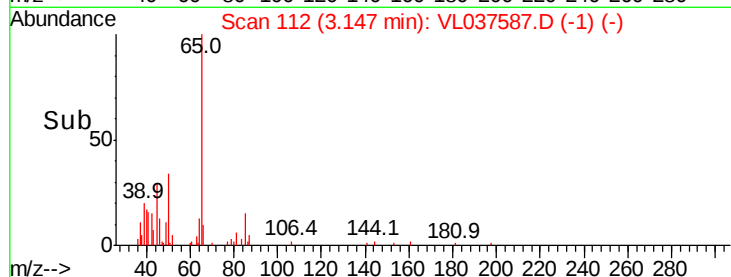
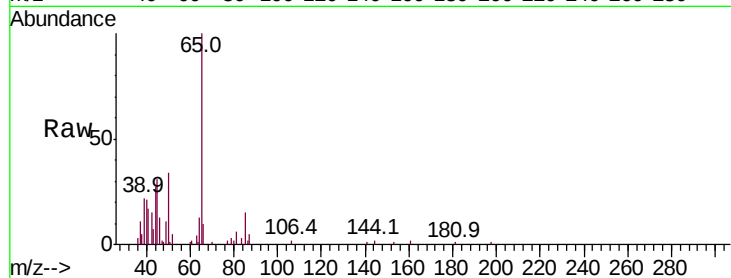
SV-2

Tot Ion: 50 Resp: 6869

Ion Ratio Lower Upper

50 100

52 18.5 24.0 36.0#



#9

Propene

Concen: 6.548 ppbv

RT: 3.02 min Scan# 73

Delta R.T. 0.02 min

Lab File: VL037587.D

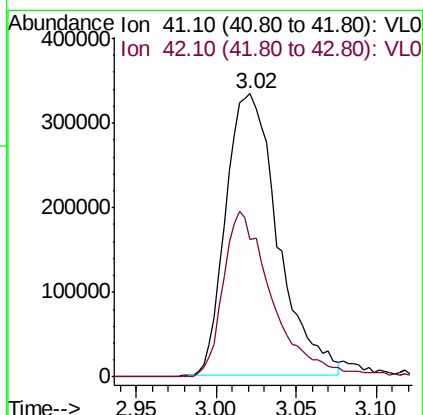
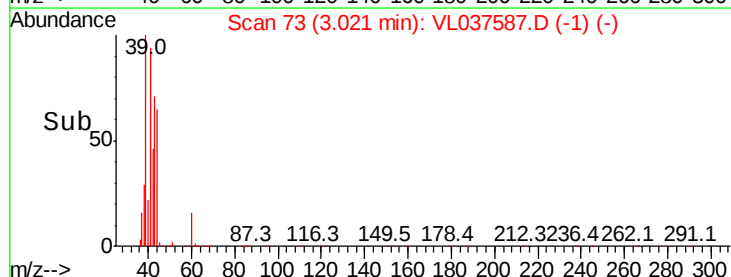
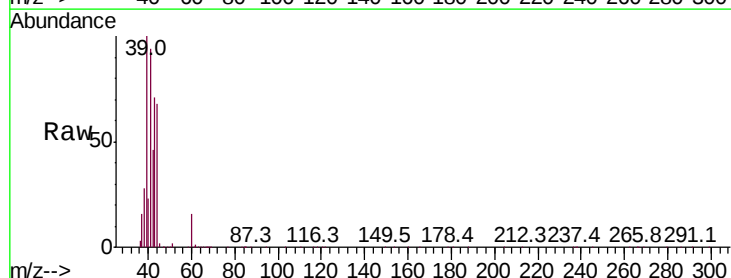
Acq: 9 Sep 2021 1:17

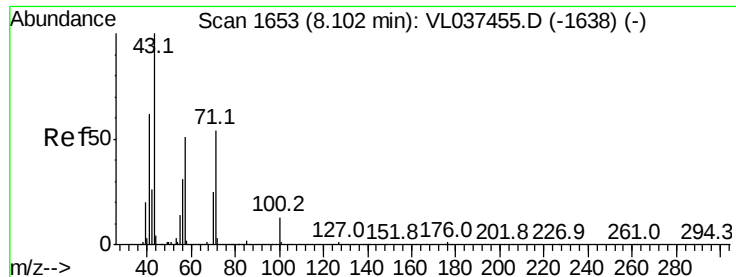
Tgt Ion: 41 Resp: 745164

Ion Ratio Lower Upper

41 100

42 55.8 53.7 80.5





#10

Heptane

Concen: 0.214 ppbv

RT: 8.14 min Scan# 1665

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

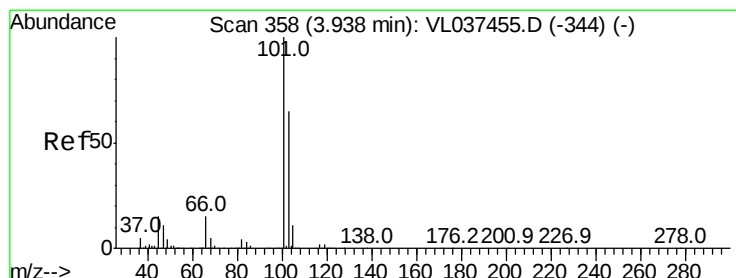
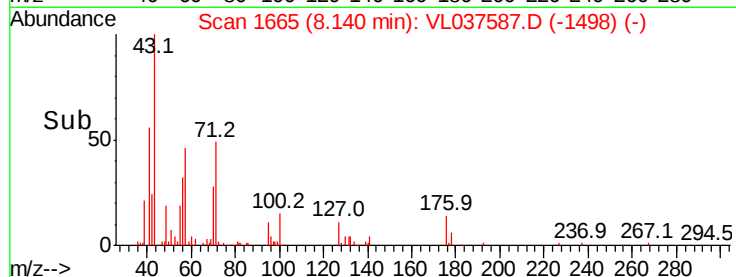
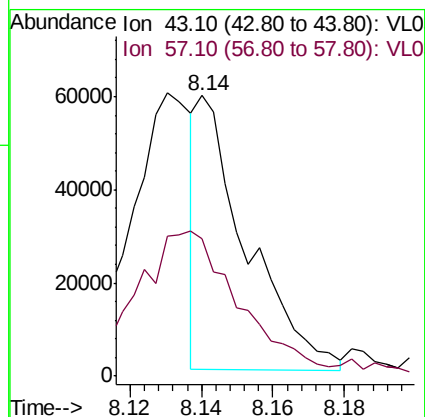
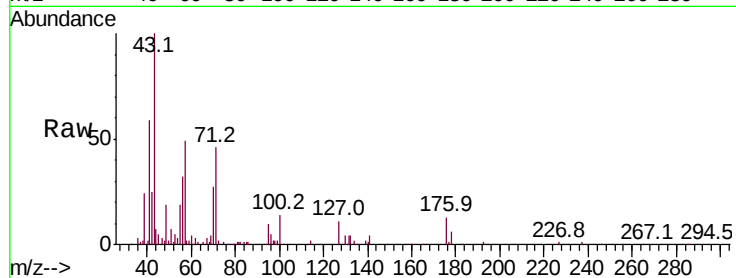
SV-2

Tot Ion: 43 Resp: 56067

Ion Ratio Lower Upper

43 100

57 122.3 41.0 61.6#



#11

Trichlorofluoromethane

Concen: 0.068 ppbv

RT: 3.96 min Scan# 364

Delta R.T. 0.02 min

Lab File: VL037587.D

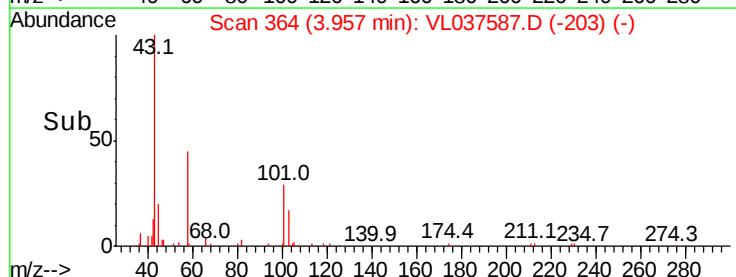
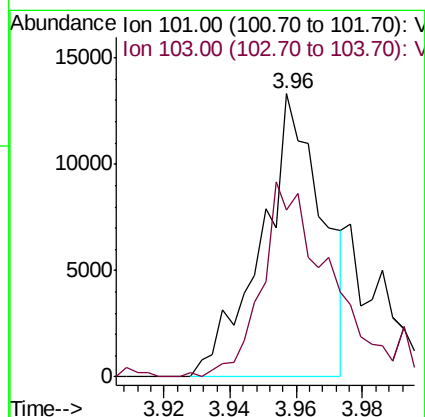
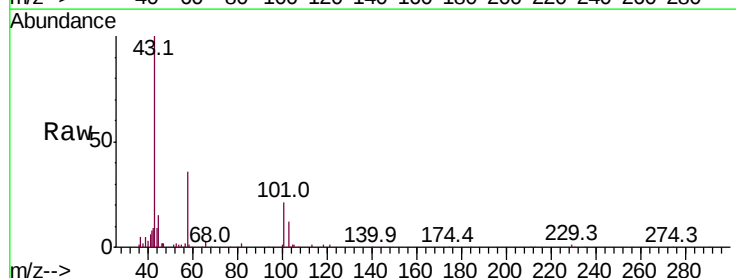
Acq: 9 Sep 2021 1:17

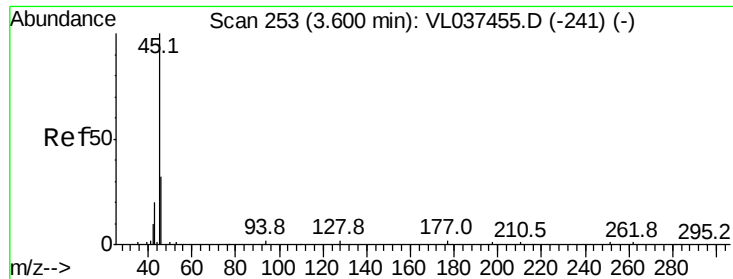
Tgt Ion: 101 Resp: 16966

Ion Ratio Lower Upper

101 100

103 57.4 51.8 77.6

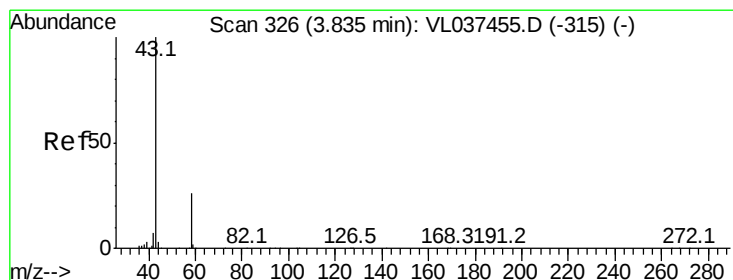
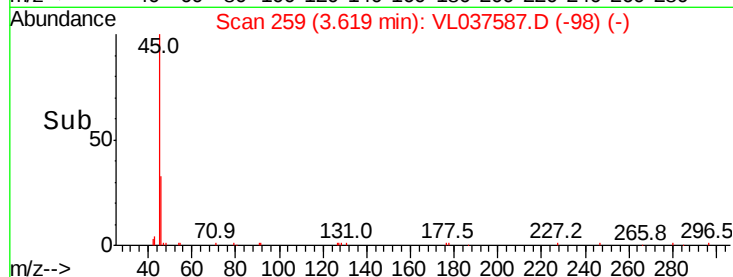
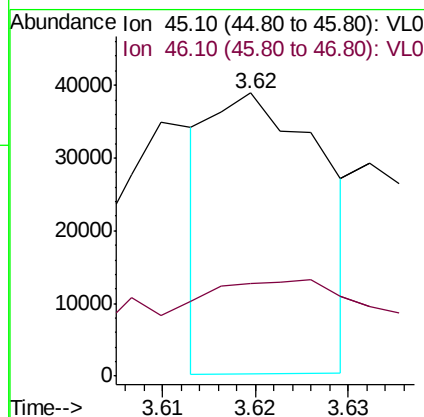
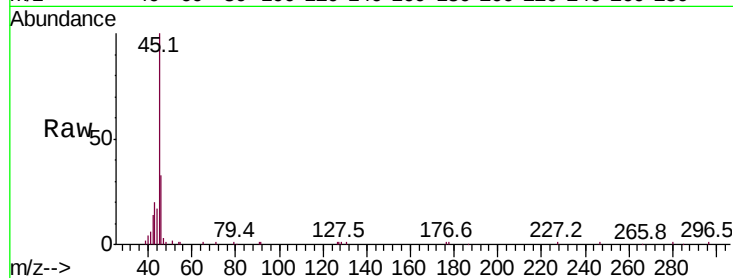




#13
Ethanol
Concen: 2.927 ppbv
RT: 3.62 min Scan# 259
Delta R.T. 0.02 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

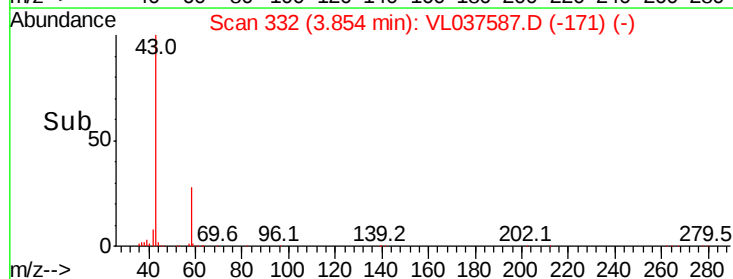
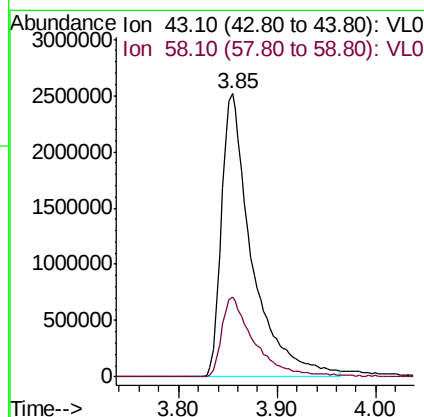
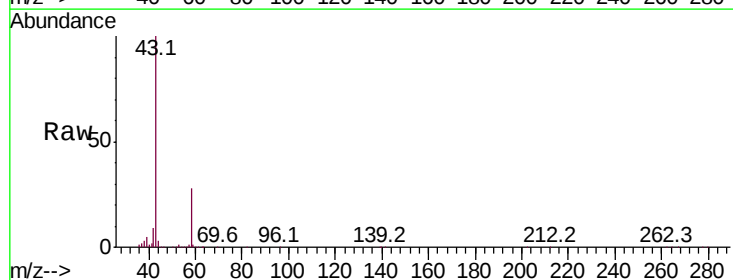
Instrument :
MSVOA_L
ClientSampled :
SV-2

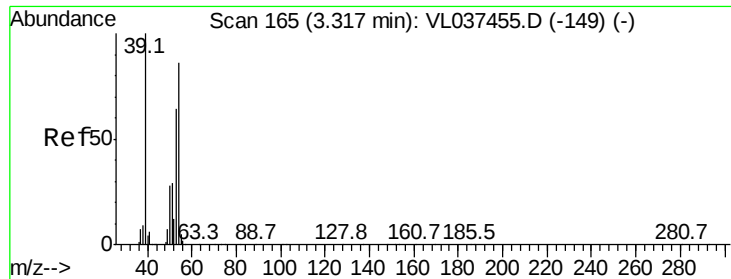
Tot Ion: 45 Resp: 32409
Ion Ratio Lower Upper
45 100
46 0.0 14.1 56.5#



#15
Acetone
Concen: 32.294 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 43 Resp: 5459105
Ion Ratio Lower Upper
43 100
58 30.8 24.8 37.2

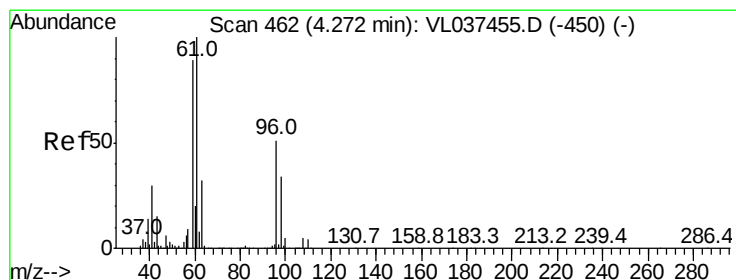
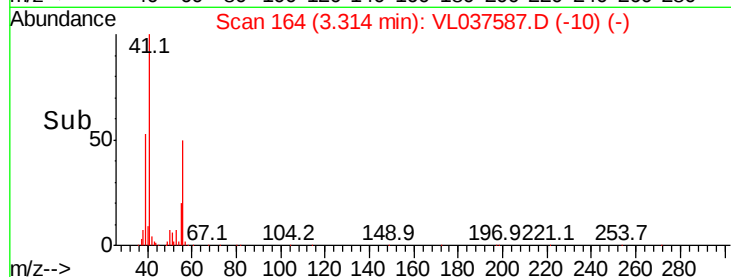
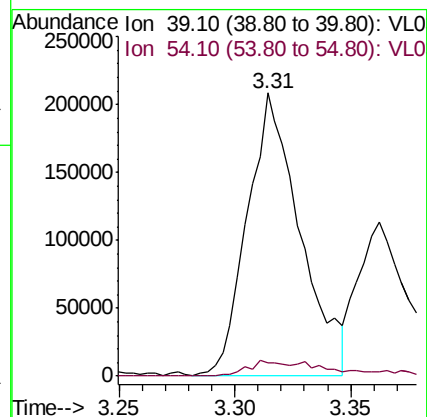
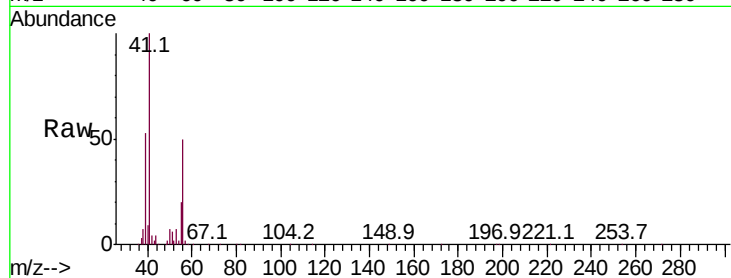




#16
1,3-Butadiene
Concen: 3.023 ppbv
RT: 3.31 min Scan# 164
Delta R.T. -0.00 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

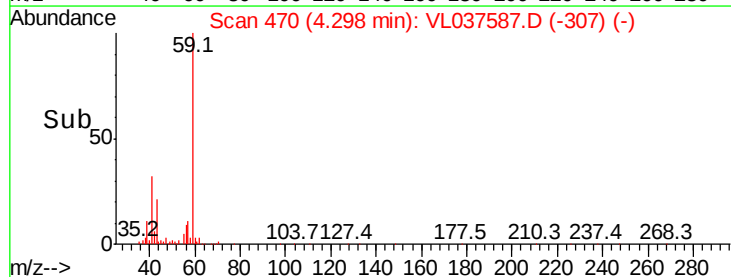
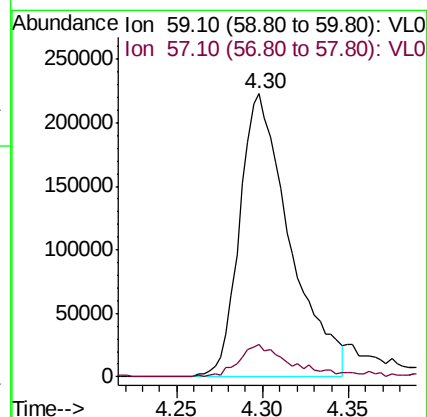
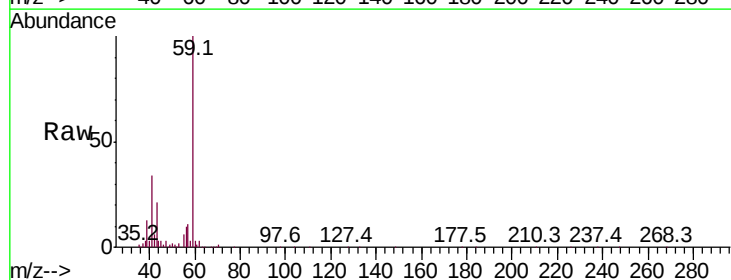
Instrument :
MSVOA_L
ClientSampleId :
SV-2

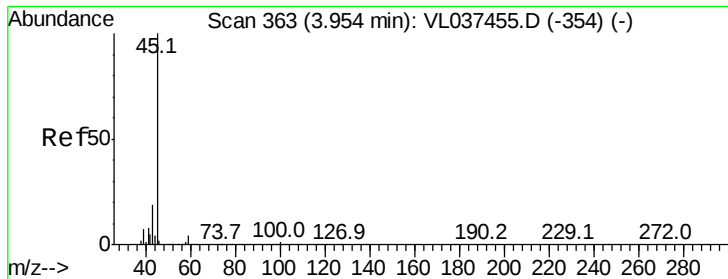
Tot Ion: 39 Resp: 327821
Ion Ratio Lower Upper
39 100
54 8.7 63.7 95.5#



#17
tert-Butyl alcohol
Concen: 2.916 ppbv
RT: 4.30 min Scan# 470
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 59 Resp: 450234
Ion Ratio Lower Upper
59 100
57 11.9 8.3 12.5





#19

Isopropyl Alcohol

Concen: 0.933 ppbv

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

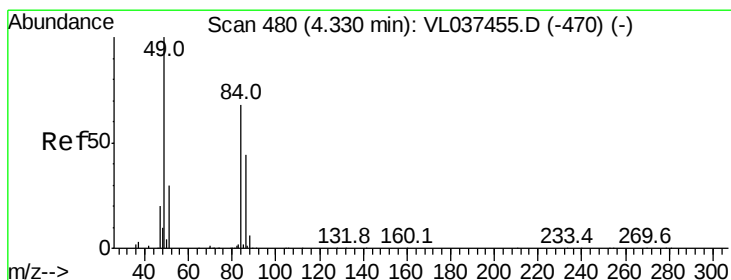
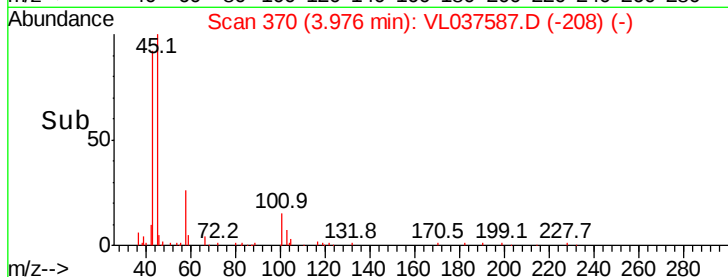
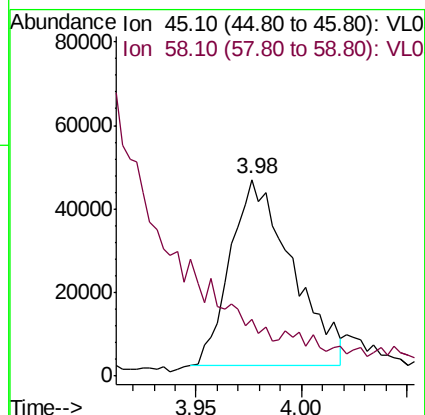
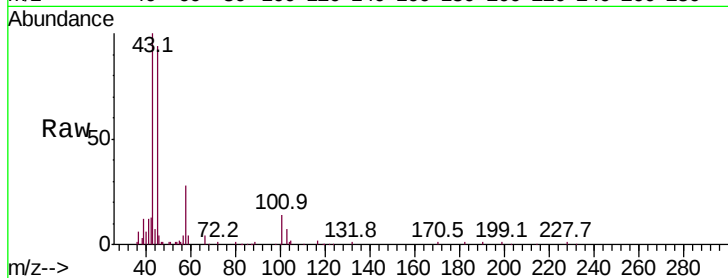
SV-2

Tot Ion: 45 Resp: 90351

Ion Ratio Lower Upper

45 100

58 0.0 1.4 2.2#



#20

Methylene Chloride

Concen: 2.436 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.03 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Tgt Ion: 84 Resp: 206211

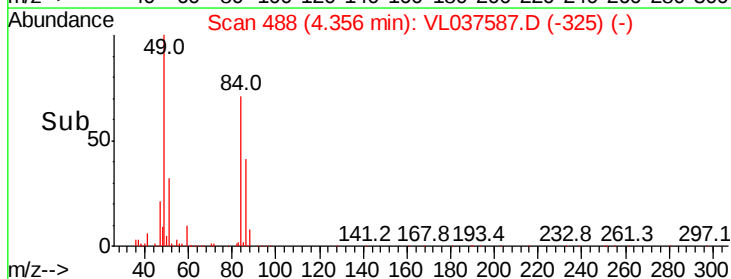
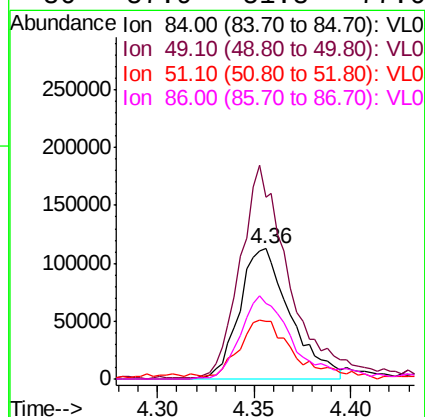
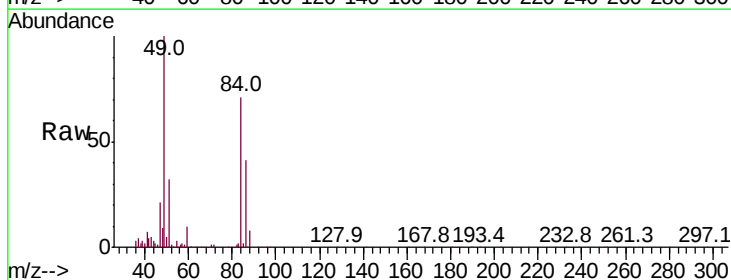
Ion Ratio Lower Upper

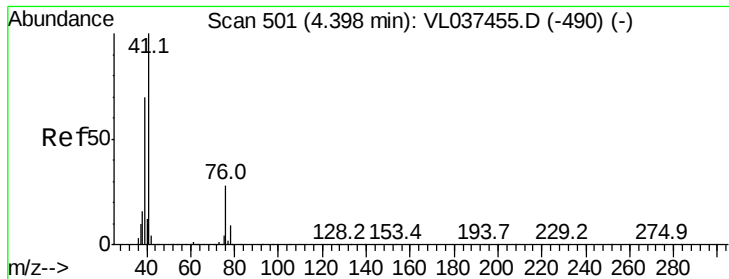
84 100

49 139.2 118.2 177.2

51 40.8 36.6 55.0

86 57.9 51.8 77.6

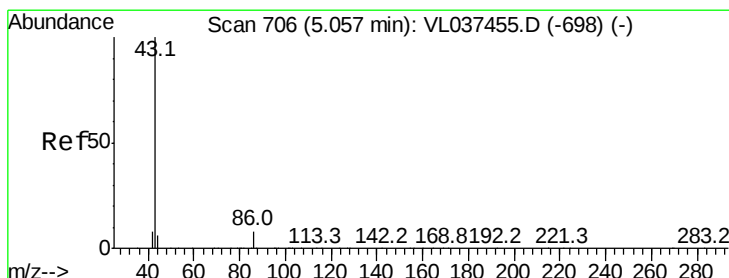
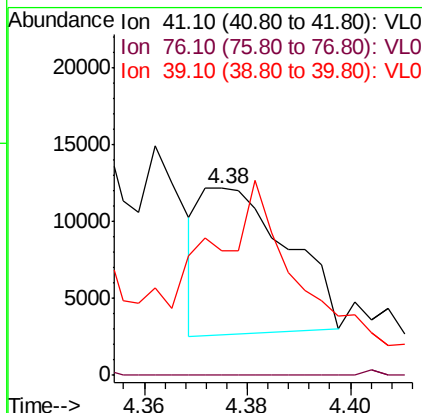
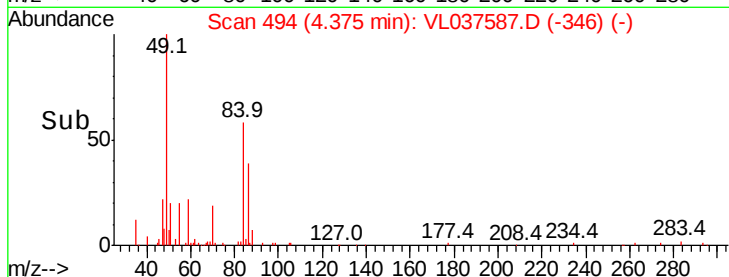
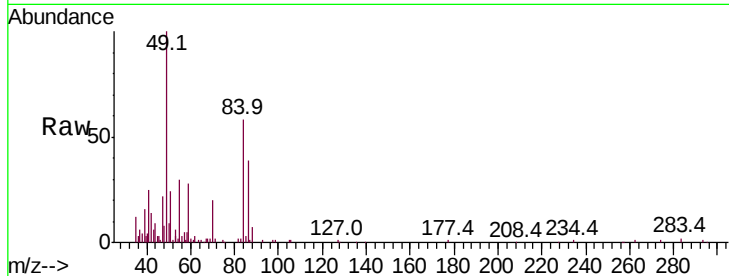




#21
Allvl Chloride
Concen: 0.081 ppbv
RT: 4.38 min Scan# 494
Delta R.T. -0.02 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

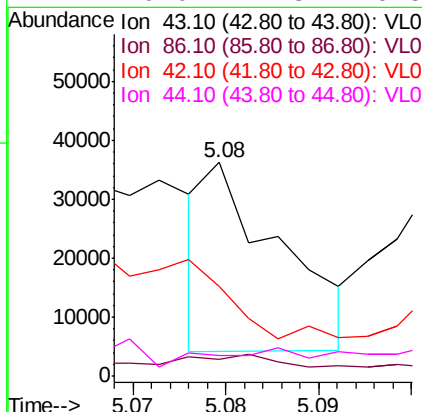
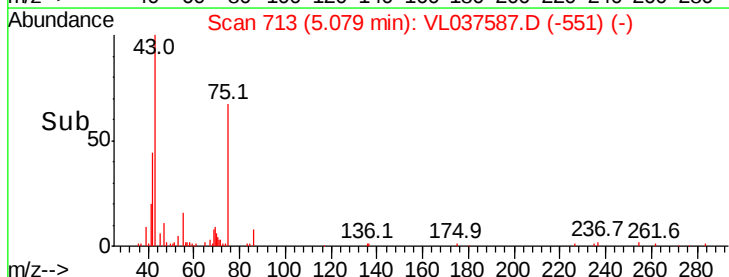
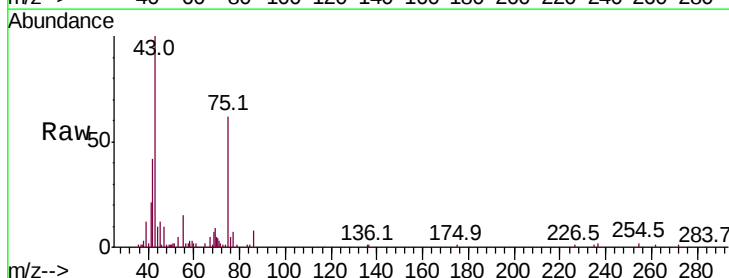
Instrument :
MSVOA_L
ClientSampled :
SV-2

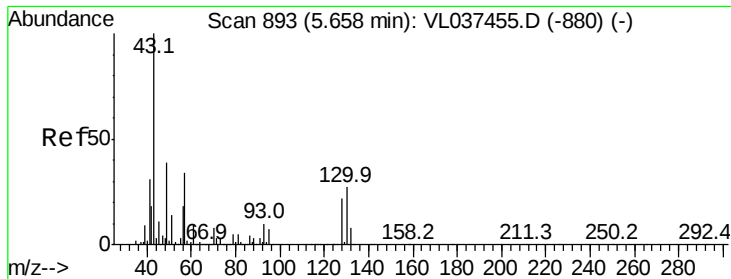
Tot Ion: 41 Resp: 11147
Ion Ratio Lower Upper
41 100
76 0.0 21.8 32.6#
39 127.8 56.8 85.2#



#23
Vinyl Acetate
Concen: 0.073 ppbv
RT: 5.08 min Scan# 713
Delta R.T. 0.02 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 43 Resp: 18200
Ion Ratio Lower Upper
43 100
86 5.7 5.7 8.5
42 41.3 7.4 11.2#
44 0.0 4.3 6.5#

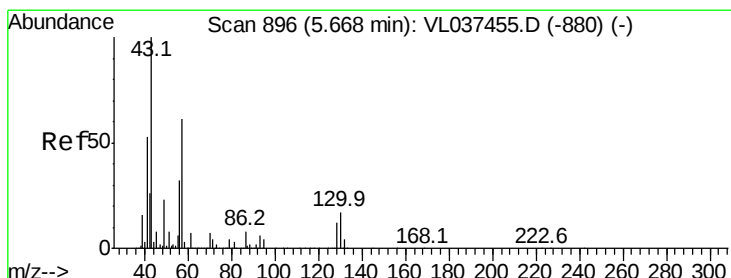
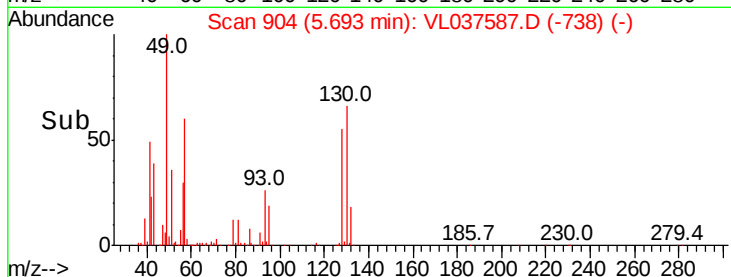
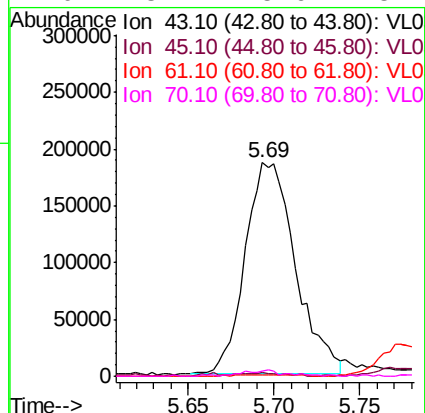
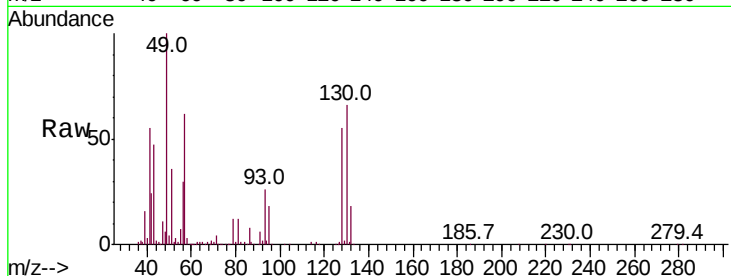




#25
Ethyl Acetate
Concen: 0.881 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.04 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

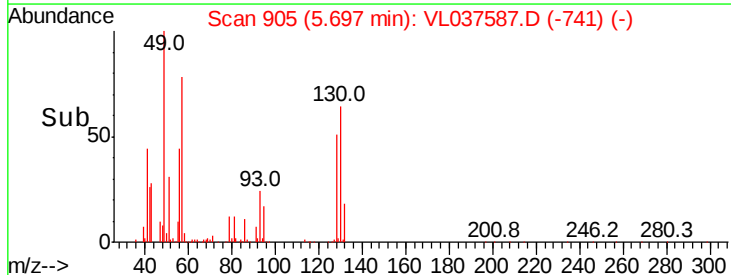
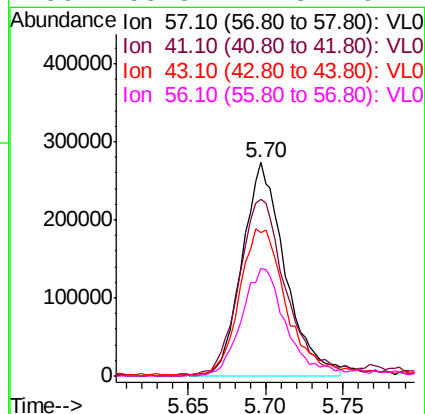
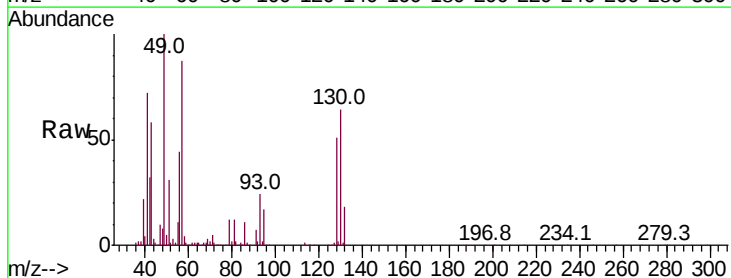
Instrument :
MSVOA_L
ClientSampleId :
SV-2

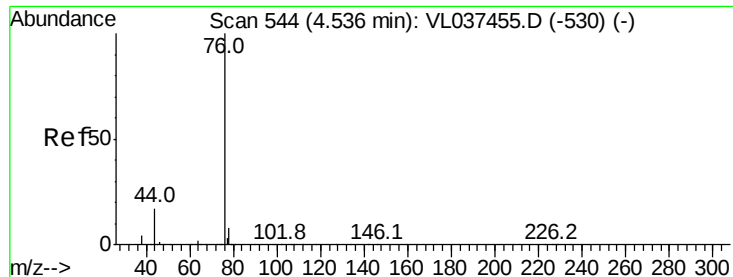
Tot Ion: 43 Resp: 378174
Ion Ratio Lower Upper
43 100
45 1.8 8.0 12.0#
61 0.9 8.0 12.0#
70 3.2 5.6 8.4#



#26
Hexane
Concen: 2.504 ppbv
RT: 5.70 min Scan# 905
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 57 Resp: 525419
Ion Ratio Lower Upper
57 100
41 91.4 72.3 108.5
43 74.7 172.3 258.5#
56 55.8 42.8 64.2

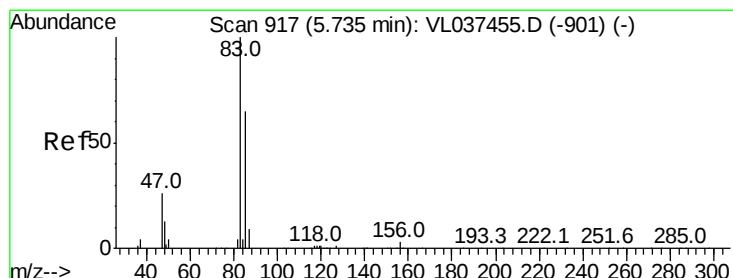
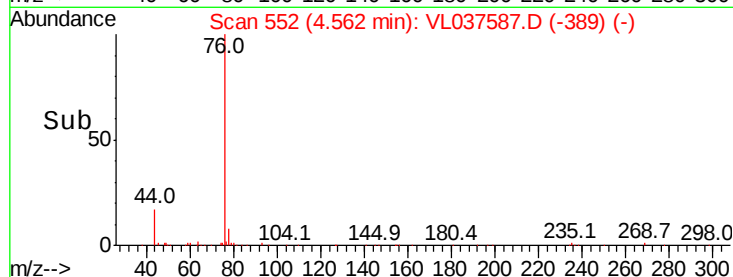
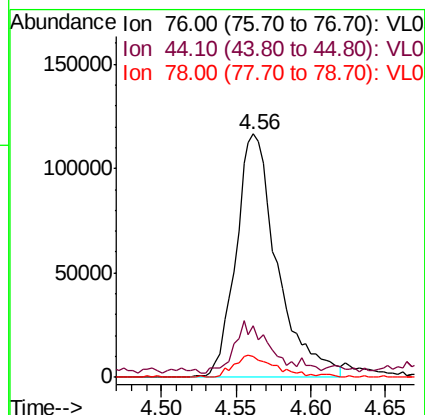
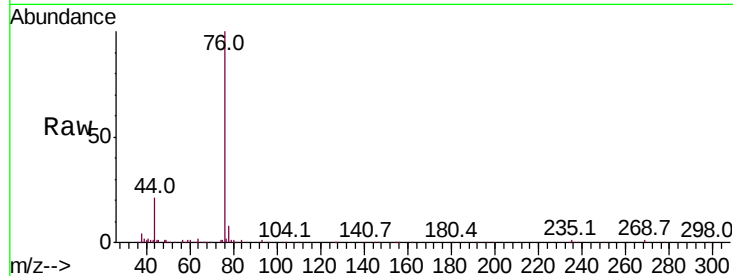




#27
Carbon Disulfide
Concen: 1.198 ppbv
RT: 4.56 min Scan# 552
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

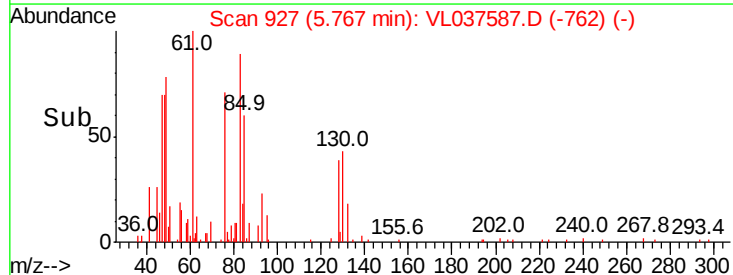
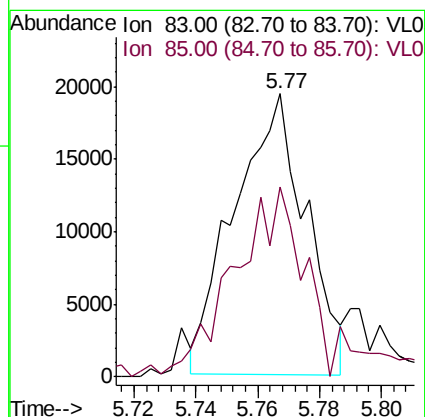
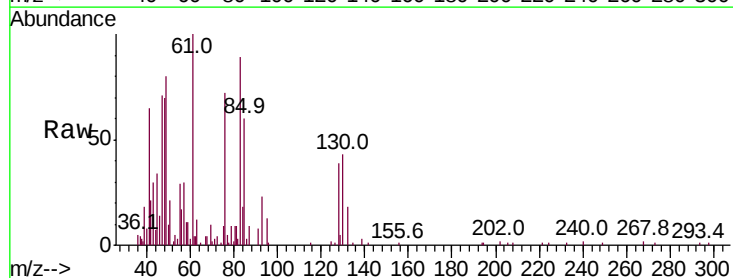
Instrument :
MSVOA_L
ClientSampleId :
SV-2

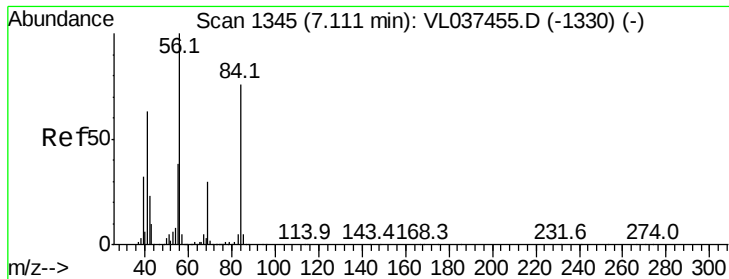
Tot Ion: 76 Resp: 224072
Ion Ratio Lower Upper
76 100
44 18.0 13.9 20.9
78 9.8 7.9 11.9



#29
Chloroform
Concen: 0.105 ppbv
RT: 5.77 min Scan# 927
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 83 Resp: 31245
Ion Ratio Lower Upper
83 100
85 64.0 52.3 78.5

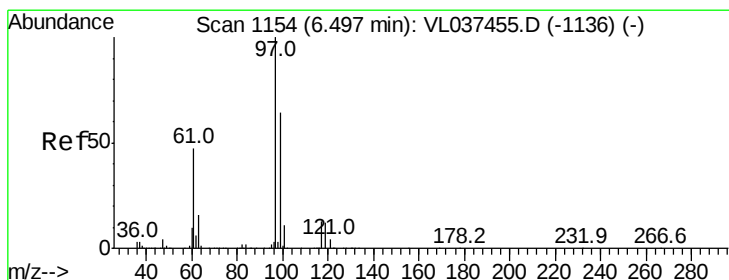
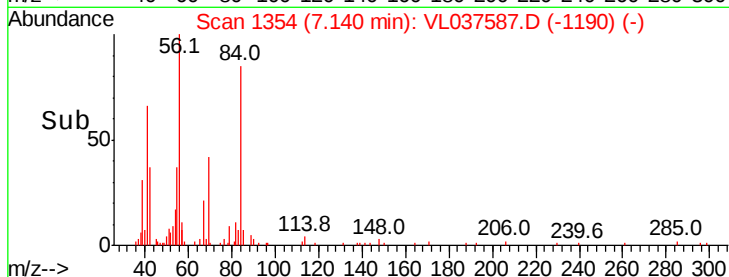
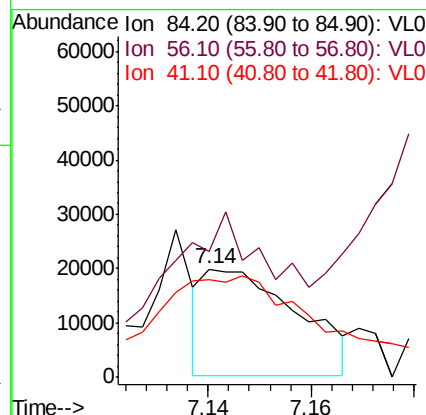
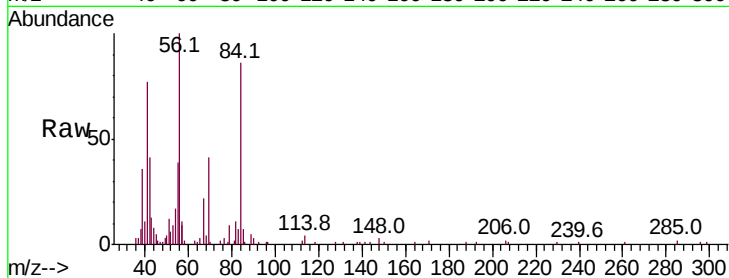




#30
Cvclohexane
Concen: 0.141 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

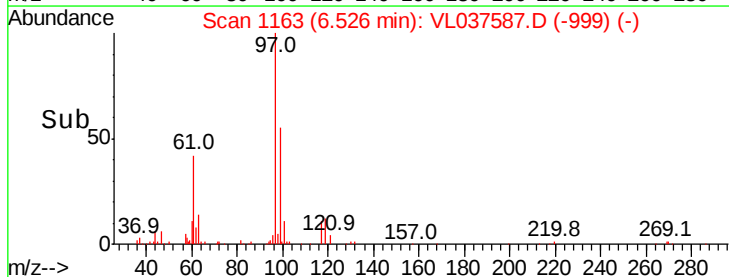
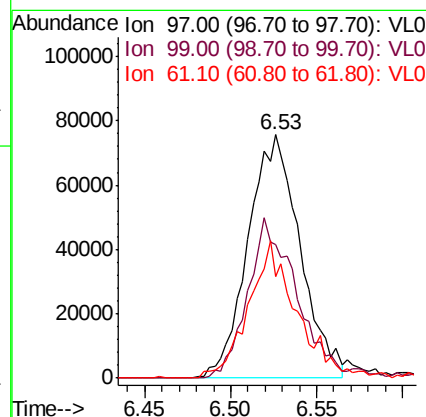
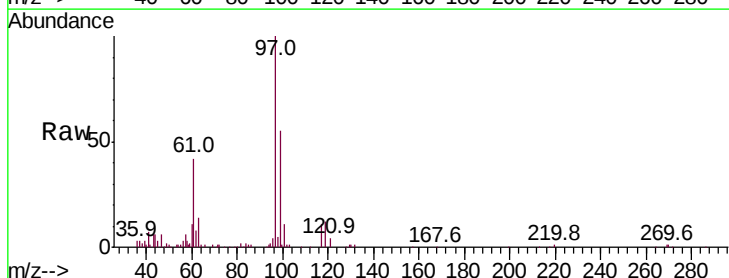
Instrument :
MSVOA_L
ClientSampled :
SV-2

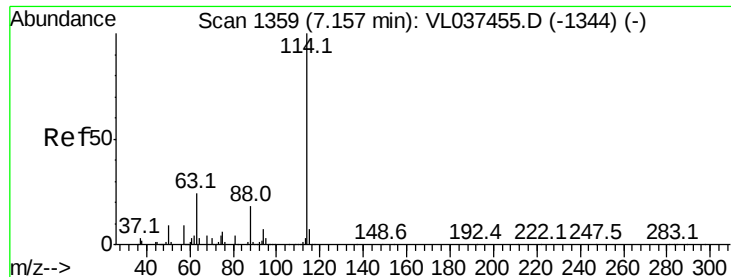
Tot Ion: 84 Resp: 24735
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 182.2 67.0 100.6#



#32
1,1,1-Trichloroethane
Concen: 0.544 ppbv
RT: 6.53 min Scan# 1163
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 97 Resp: 158965
Ion Ratio Lower Upper
97 100
99 64.0 51.8 77.6
61 53.2 39.6 59.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.03 min

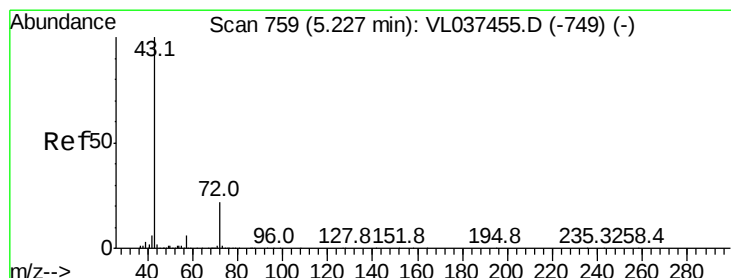
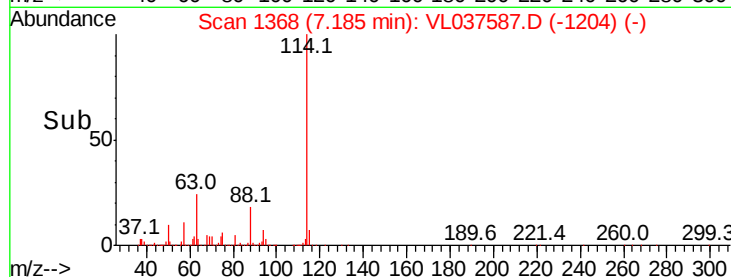
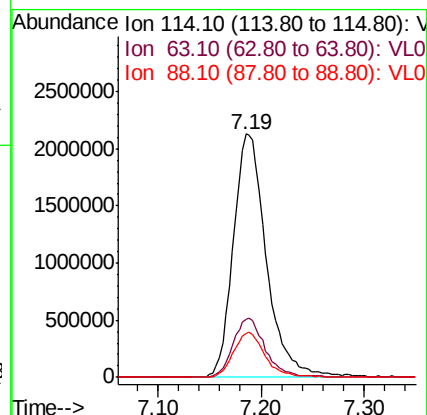
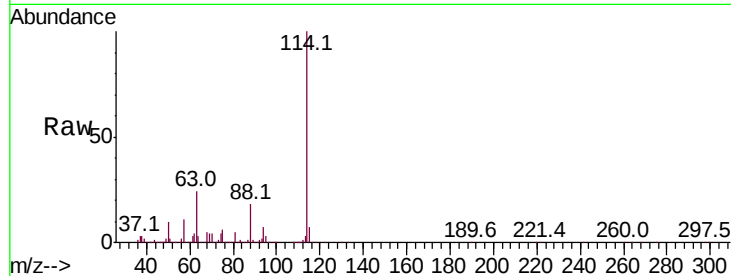
Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :
MSVOA_L
ClientSampleId :
SV-2

Tot Ion:114 Resp: 4750326

Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.3	28.9
88	17.9	14.2	21.4



#34

2-Butanone

Concen: 4.278 ppbv

RT: 5.26 min Scan# 768

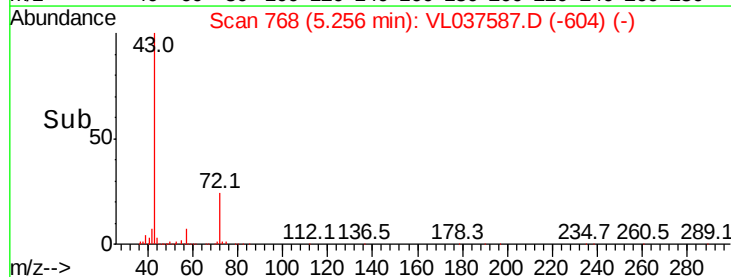
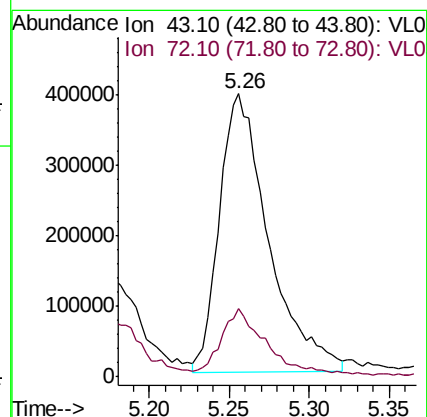
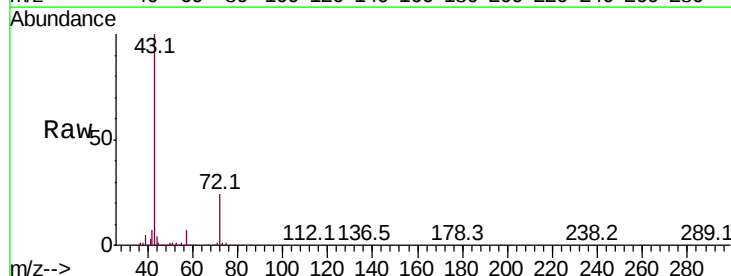
Delta R.T. 0.03 min

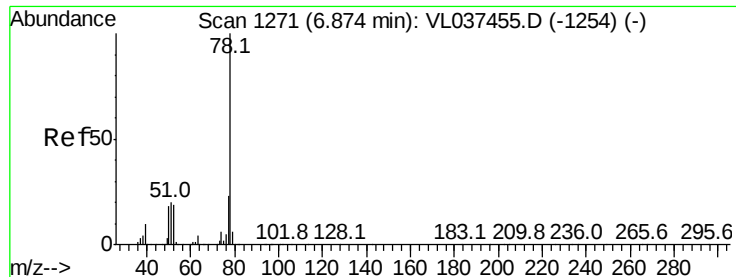
Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Tgt Ion: 43 Resp: 829942

Ion	Ratio	Lower	Upper
43	100		
72	24.6	17.4	26.0





#36

Benzene

Concen: 0.332 ppbv

RT: 6.90 min Scan# 1280

Delta R.T. 0.03 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampled :

SV-2

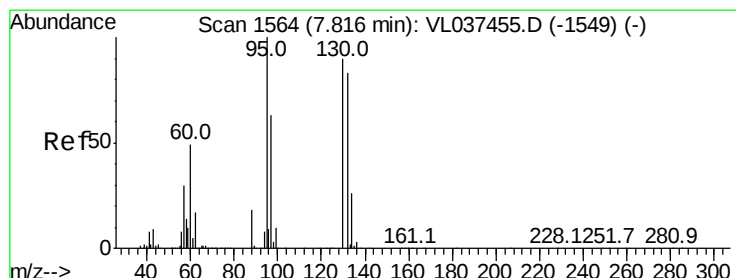
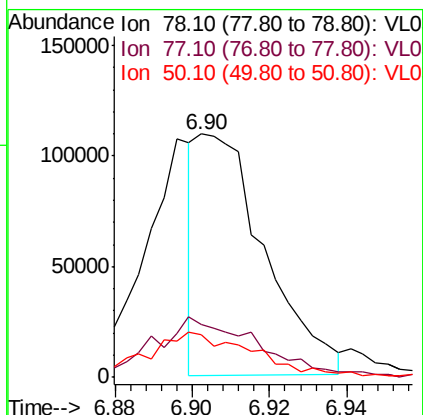
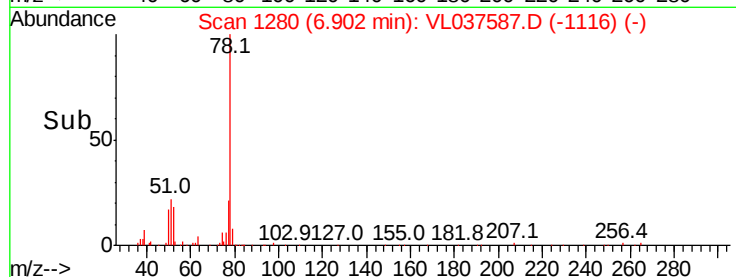
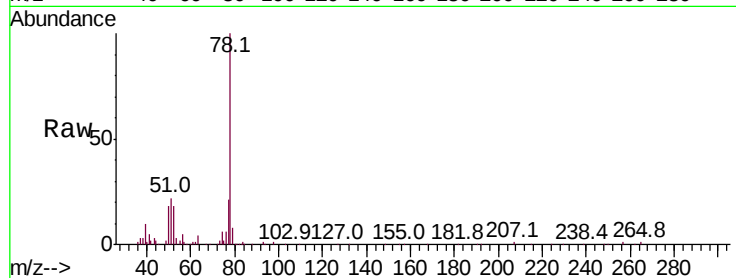
Tot Ion: 78 Resp: 132545

Ion Ratio Lower Upper

78 100

77 21.3 18.2 27.4

50 17.9 14.6 21.8



#38

Trichloroethene

Concen: 25.395 ppbv

RT: 7.84 min Scan# 1573

Delta R.T. 0.03 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Tgt Ion: 130 Resp: 4160705

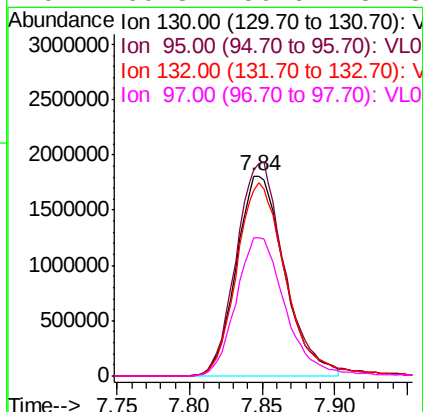
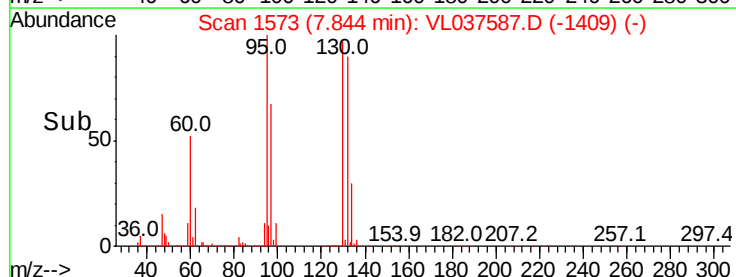
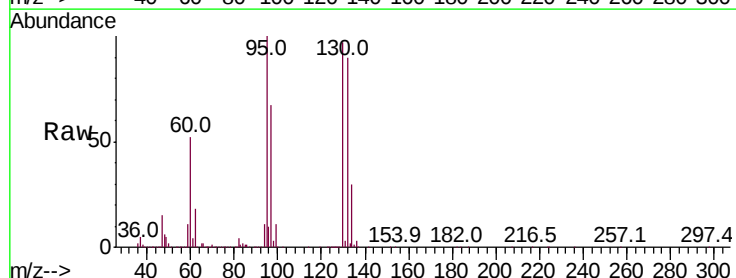
Ion Ratio Lower Upper

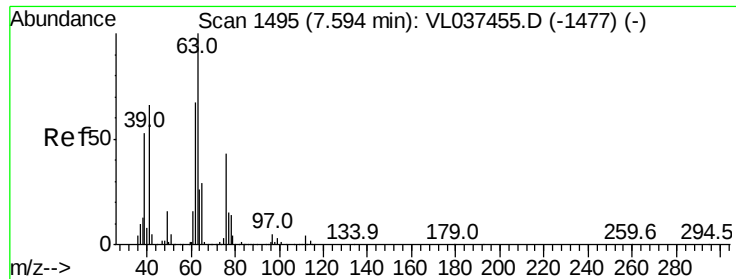
130 100

95 103.3 89.2 133.8

132 92.8 74.0 111.0

97 69.3 56.6 84.8





#39

1,2-Dichloropropane

Concen: 7.262 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.41 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

SV-2

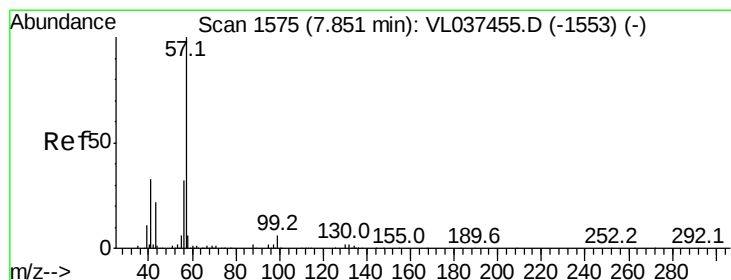
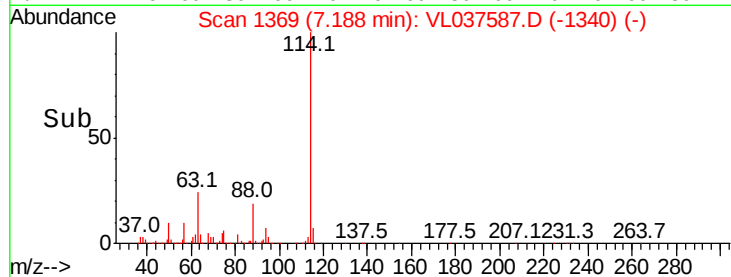
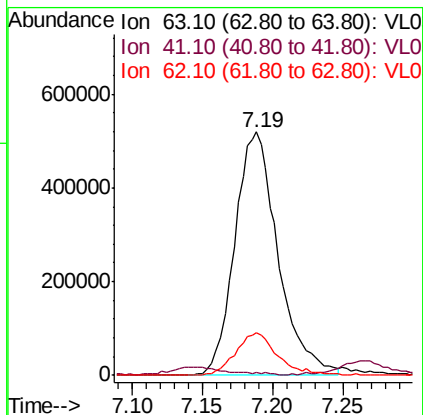
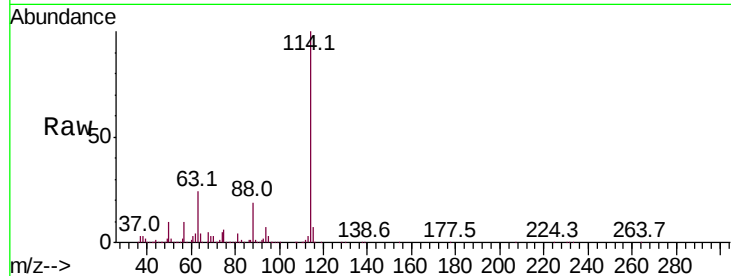
Tot Ion: 63 Resp: 1114327

Ion Ratio Lower Upper

63 100

41 0.0 52.4 78.6#

62 17.3 53.6 80.4#



#44

2,2,4-Trimethylpentane

Concen: 0.062 ppbv

RT: 7.89 min Scan# 1586

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

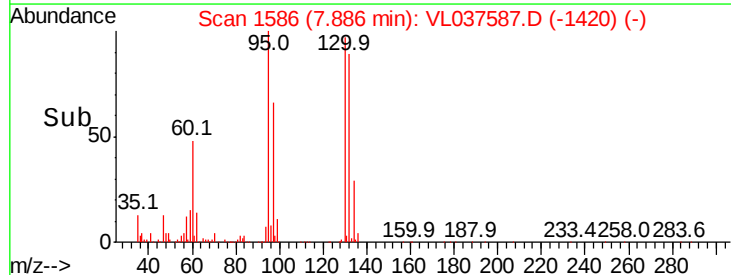
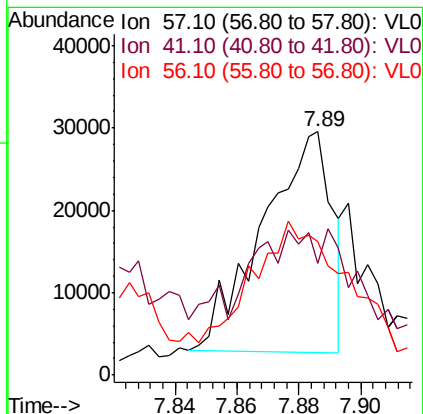
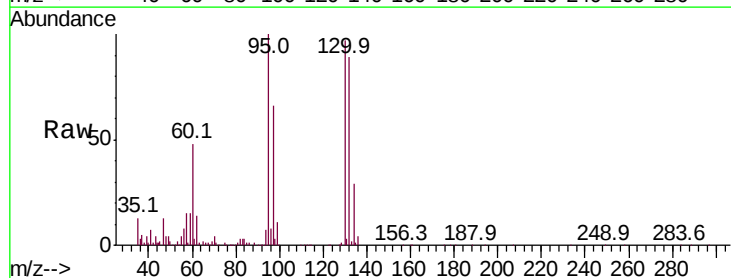
Tgt Ion: 57 Resp: 41619

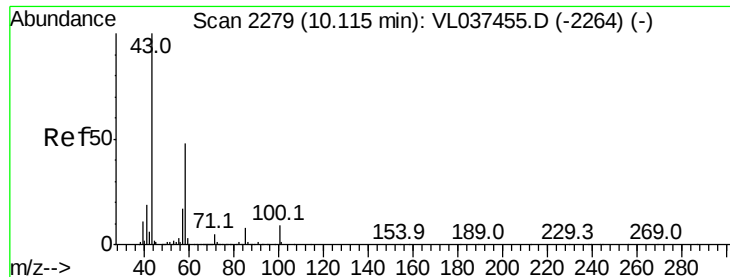
Ion Ratio Lower Upper

57 100

41 101.2 26.2 39.4#

56 100.9 25.4 38.2#





#51

2-Hexanone

Concen: 1.380 ppbv

RT: 10.16 min Scan# 2292

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampled :

SV-2

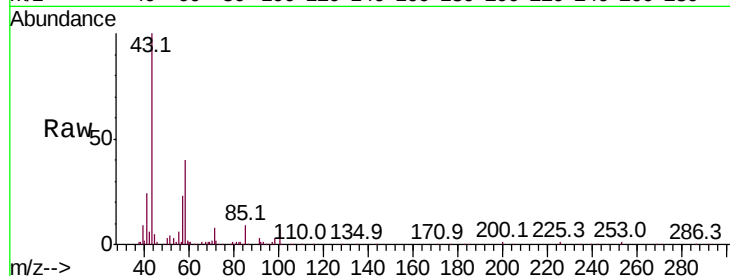
Tot Ion: 43 Resp: 160633

Ion Ratio Lower Upper

43 100

58 54.6 41.0 61.6

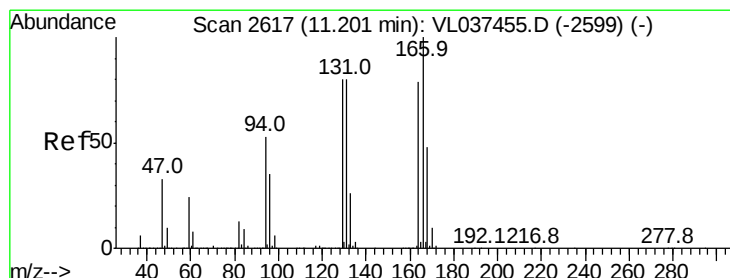
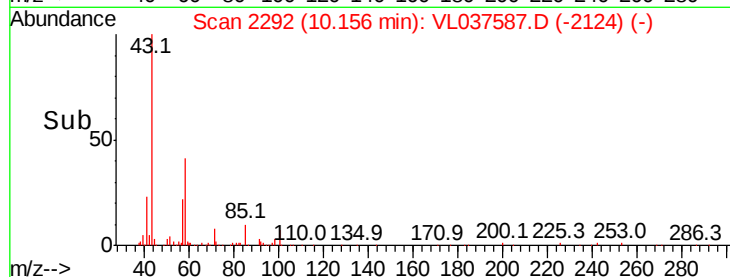
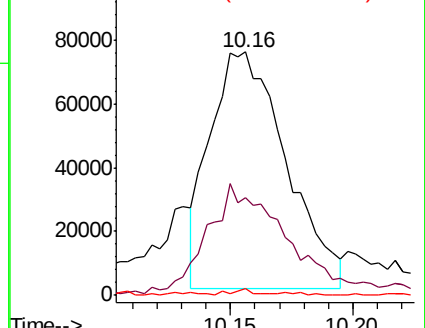
98 1.4 0.3 0.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0



#52

Tetrachloroethene

Concen: 35.709 ppbv

RT: 11.24 min Scan# 2630

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Tgt Ion: 164 Resp: 5843360

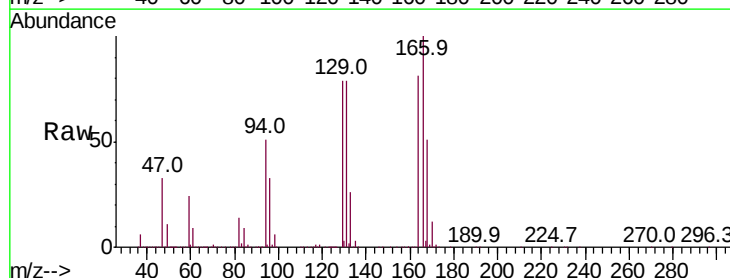
Ion Ratio Lower Upper

164 100

166 123.0 100.7 151.1

129 97.2 80.9 121.3

131 97.2 80.2 120.4

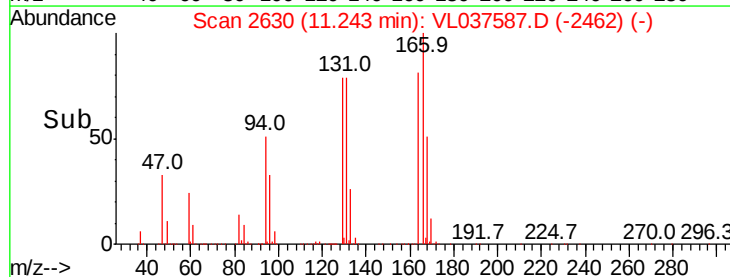
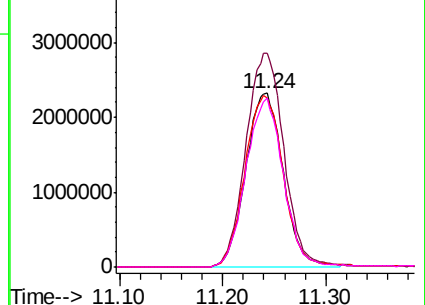


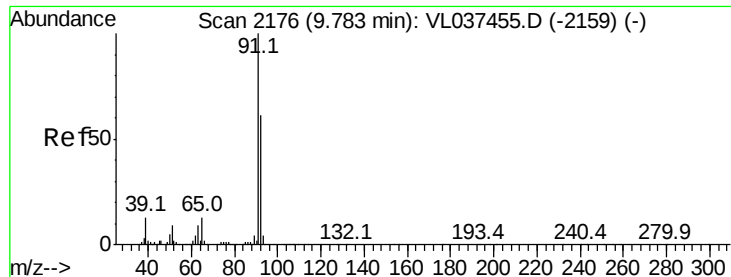
Abundance Ion 163.90 (163.60 to 164.60): V

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: 10.287 ppbv

RT: 9.82 min Scan# 2187

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

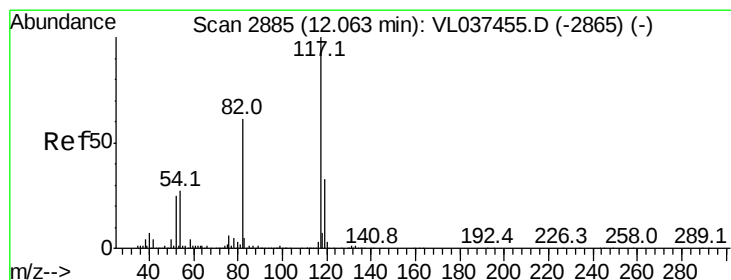
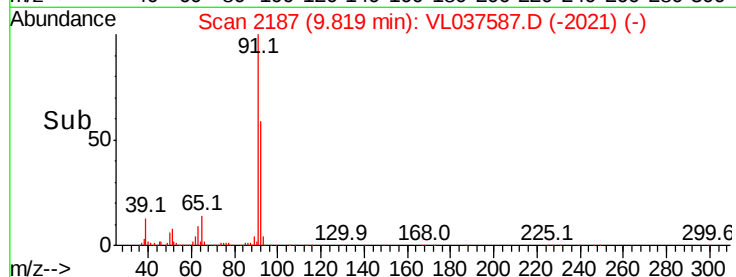
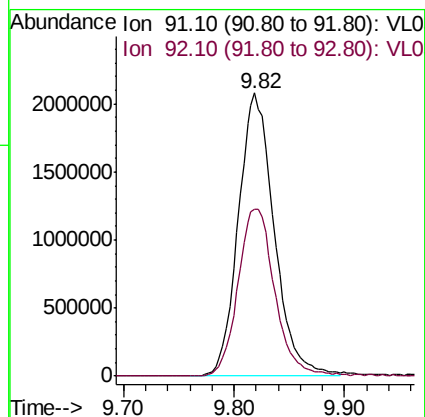
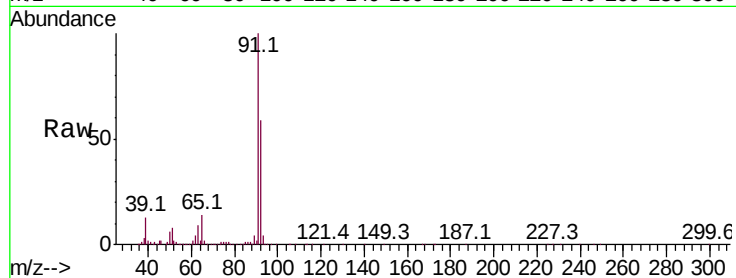
SV-2

Tot Ion: 91 Resp: 4690739

Ion Ratio Lower Upper

91 100

92 61.7 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.10 min Scan# 2896

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

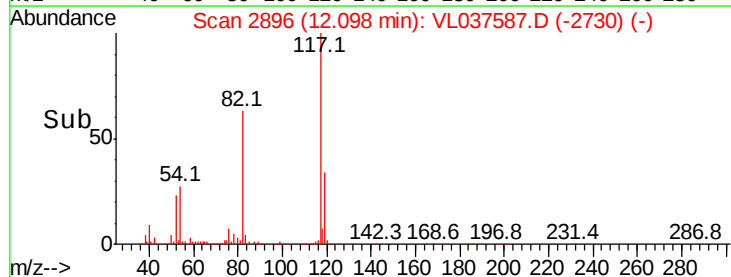
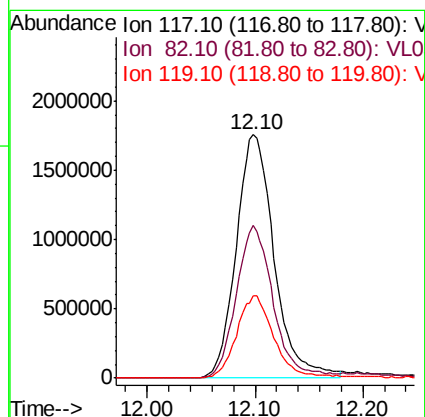
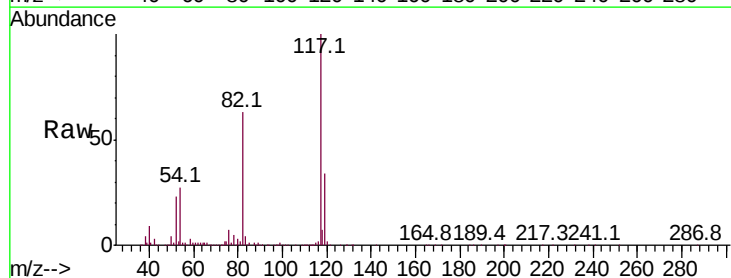
Tgt Ion: 117 Resp: 4302021

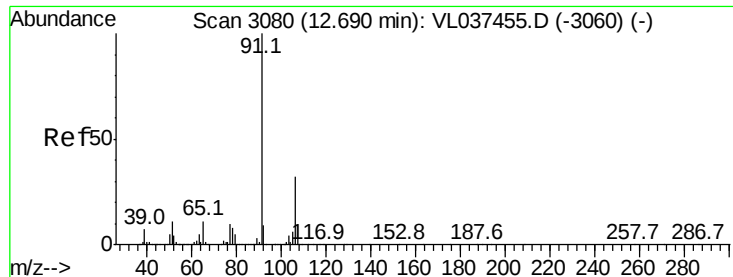
Ion Ratio Lower Upper

117 100

82 63.7 52.9 79.3

119 34.1 24.8 37.2





#58

Ethyl Benzene

Concen: 1.651 ppbv

RT: 12.73 min Scan# 3091

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampled :

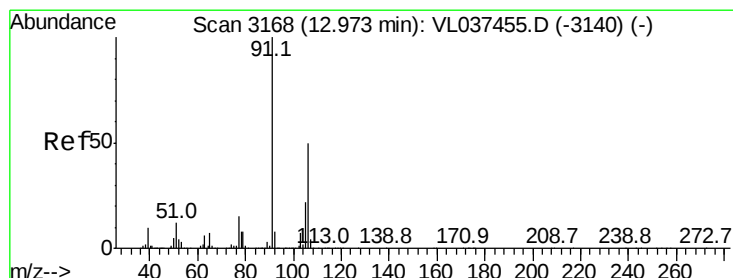
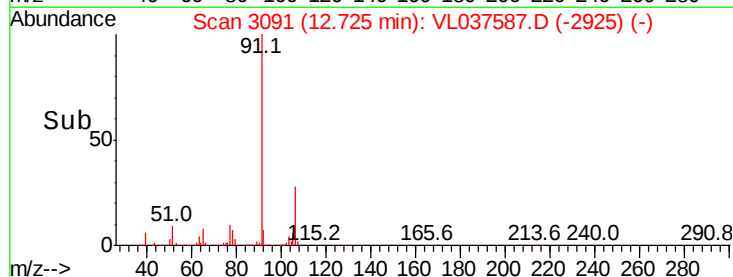
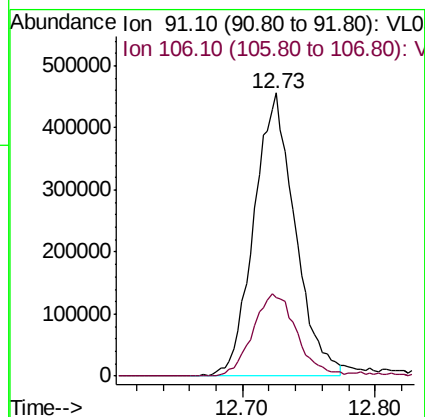
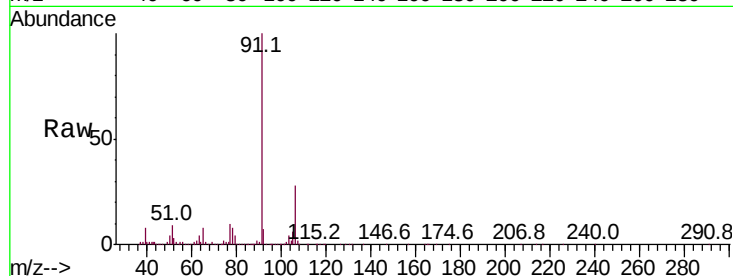
SV-2

Tot Ion: 91 Resp: 985723

Ion Ratio Lower Upper

91 100

106 27.7 25.7 38.5



#59

m/p-Xylene

Concen: 5.142 ppbv

RT: 12.98 min Scan# 3170

Delta R.T. 0.01 min

Lab File: VL037587.D

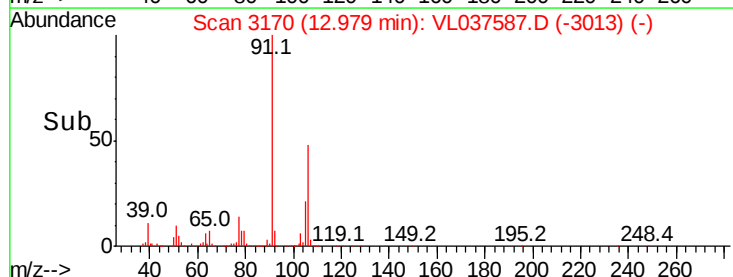
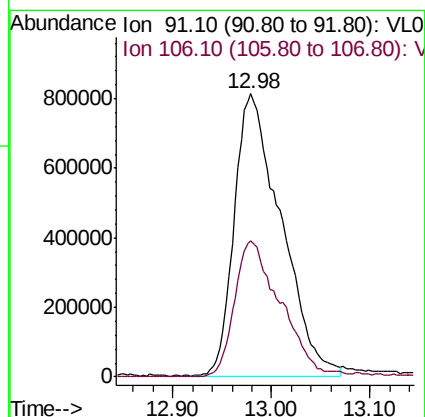
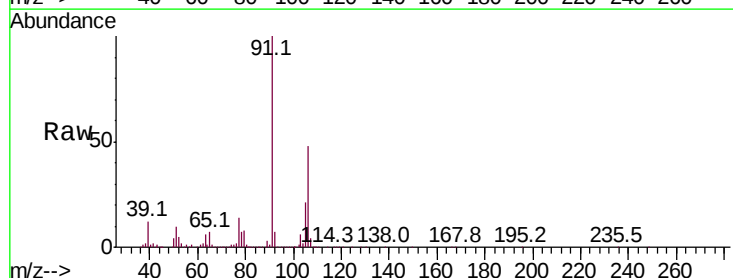
Acq: 9 Sep 2021 1:17

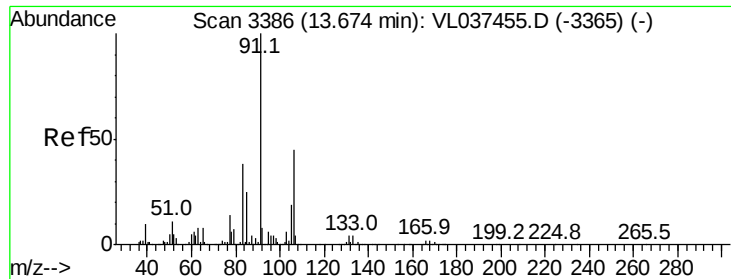
Tgt Ion: 91 Resp: 2661268

Ion Ratio Lower Upper

91 100

106 48.8 36.9 55.3

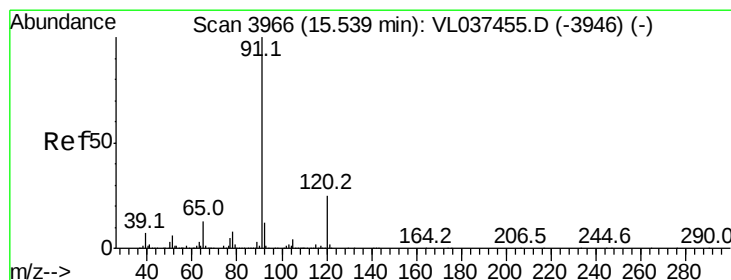
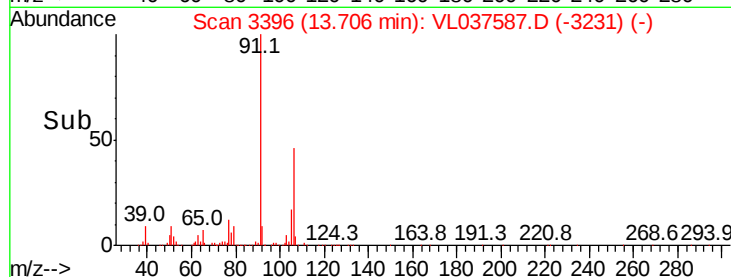
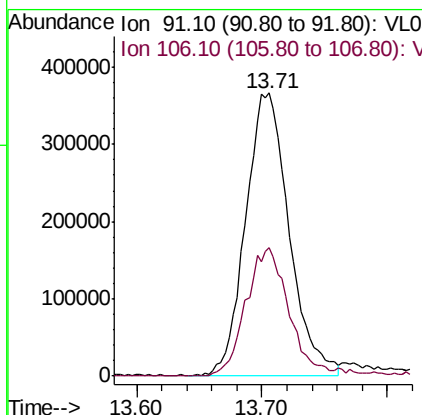
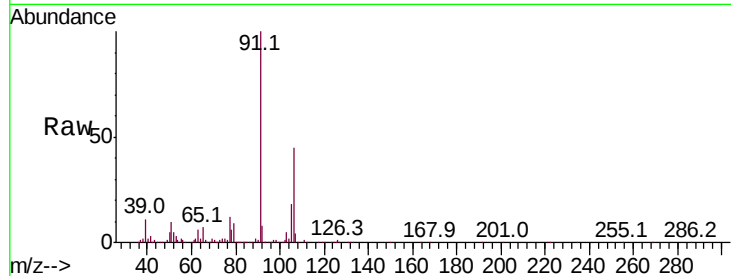




#60
o-Xylene
Concen: 1.828 ppbv
RT: 13.71 min Scan# 3396
Delta R.T. 0.03 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

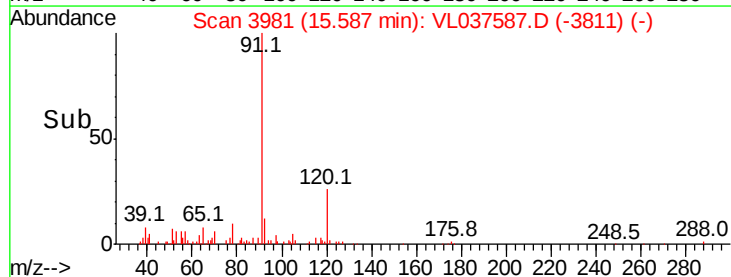
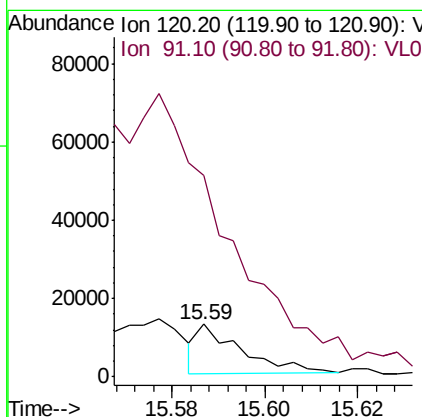
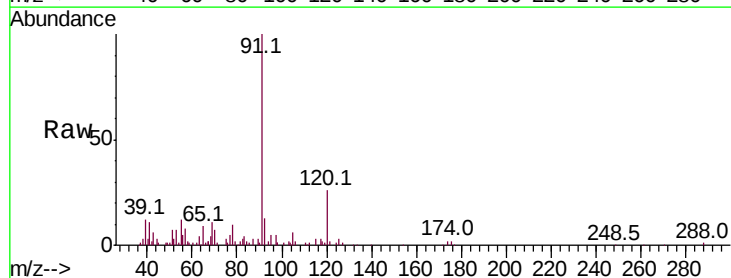
Instrument :
MSVOA_L
Client Sampled :
SV-2

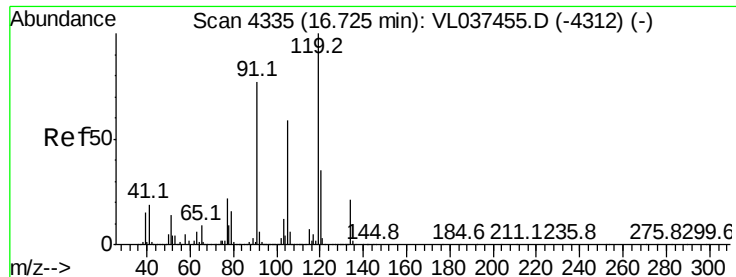
Tot Ion: 91 Resp: 882934
Ion Ratio Lower Upper
91 100
106 46.1 23.7 71.1



#64
n-propylbenzene
Concen: 0.047 ppbv
RT: 15.59 min Scan# 3981
Delta R.T. 0.05 min
Lab File: VL037587.D
Acq: 9 Sep 2021 1:17

Tgt Ion: 120 Resp: 8127
Ion Ratio Lower Upper
120 100
91 0.0 373.8 560.6#





#65

tert-Butylbenzene

Concen: 0.055 ppbv

RT: 16.77 min Scan# 4349

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampled :

SV-2

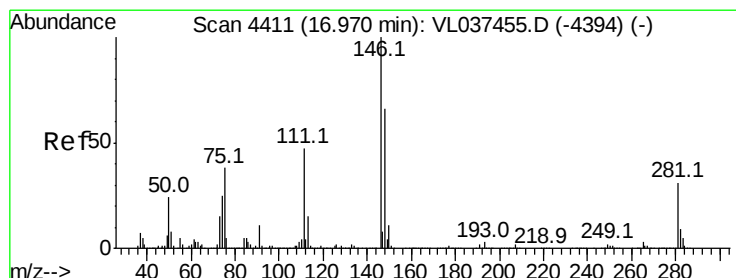
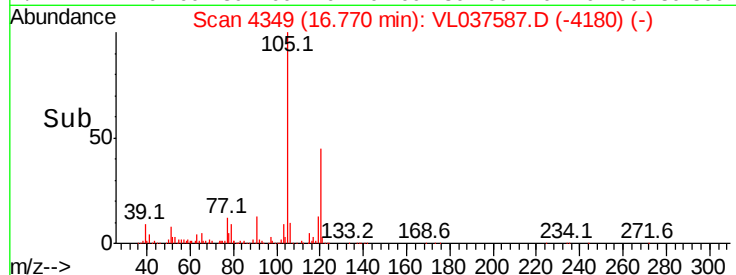
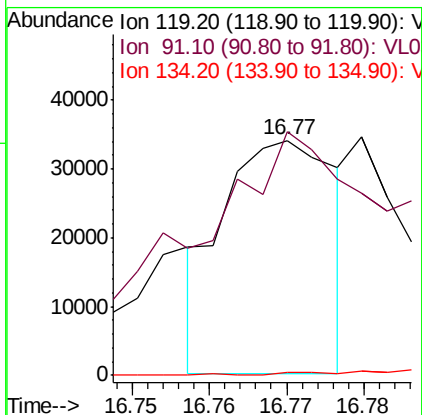
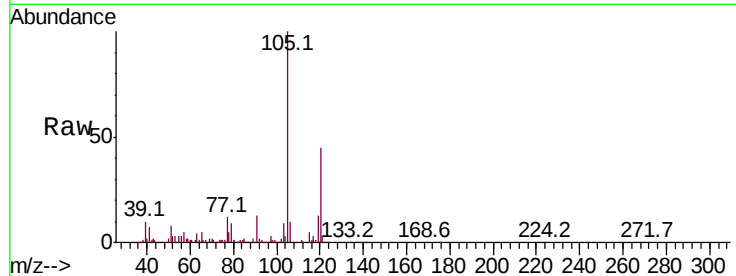
Tot Ion:119 Resp: 34043

Ion Ratio Lower Upper

119 100

91 263.5 62.9 94.3#

134 0.0 16.4 24.6#



#66

Benzyl Chloride

Concen: 0.031 ppbv

RT: 17.00 min Scan# 4421

Delta R.T. 0.03 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

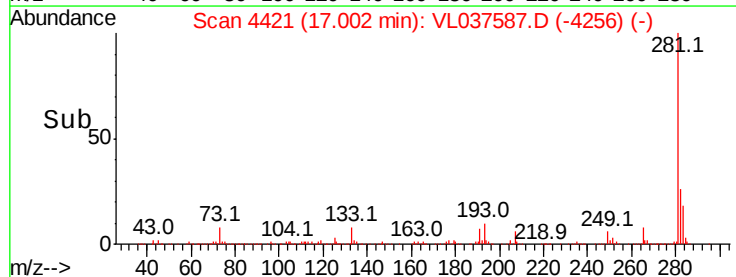
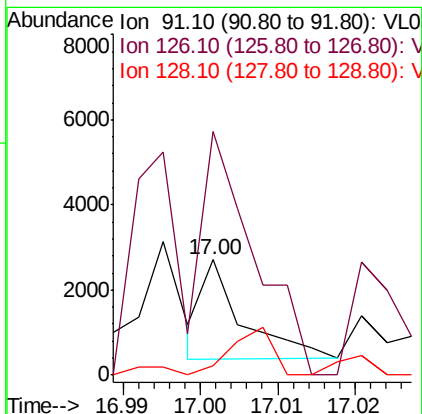
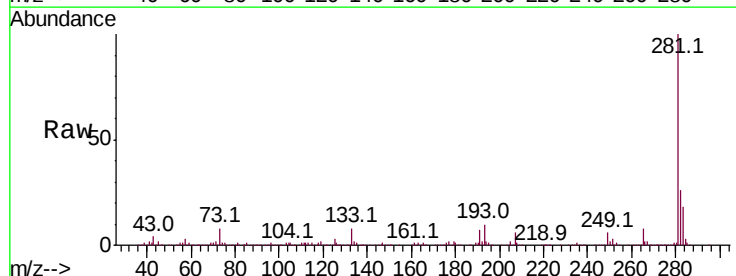
Tgt Ion: 91 Resp: 870

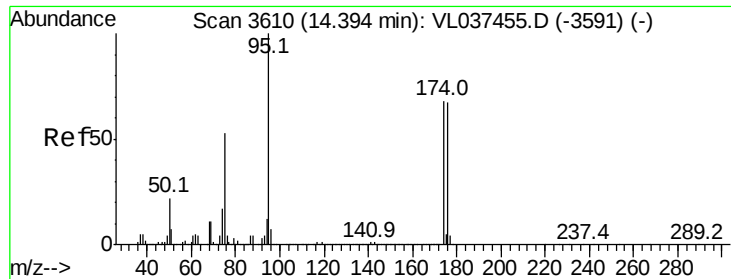
Ion Ratio Lower Upper

91 100

126 0.0 15.9 23.9#

128 0.0 5.4 8.0#

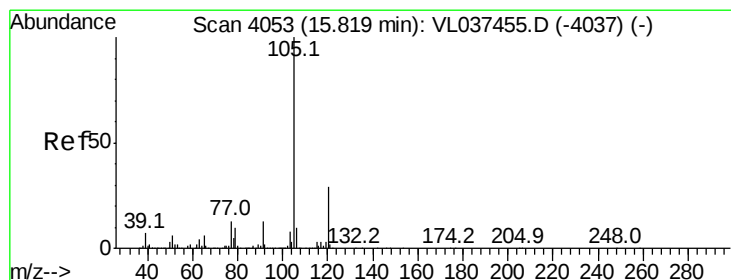
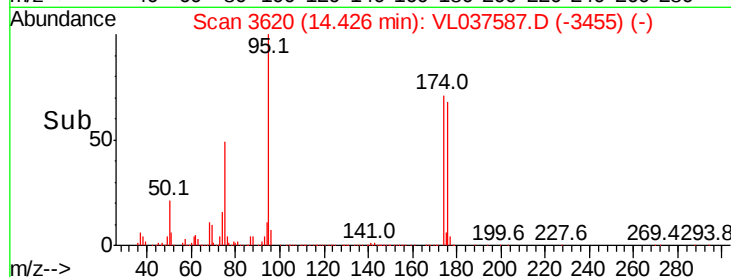
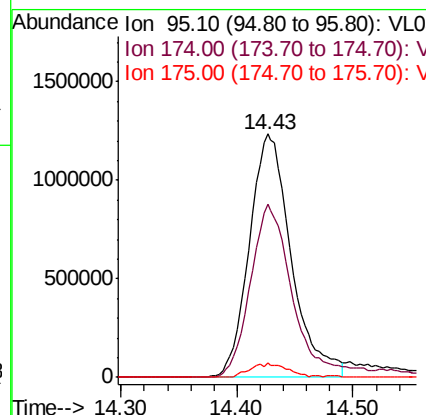
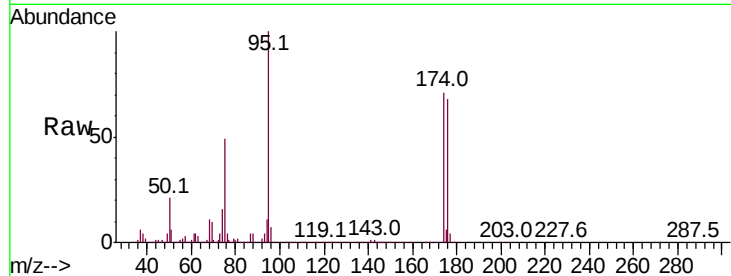




#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.162 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T. 0.03 min
 Lab File: VL037587.D
 Acq: 9 Sep 2021 1:17

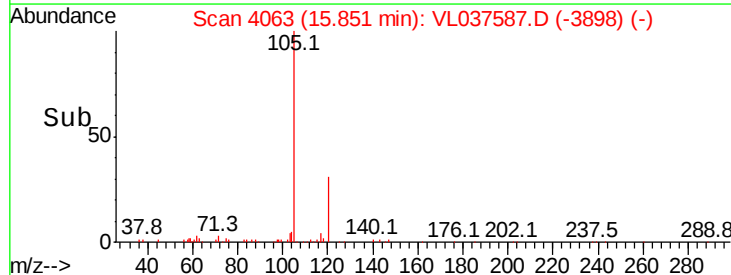
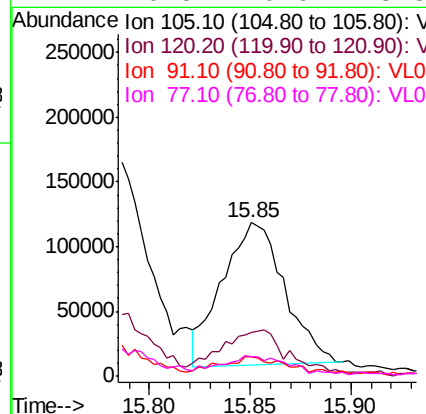
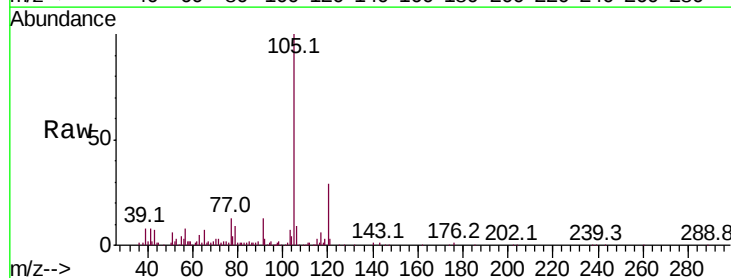
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-2

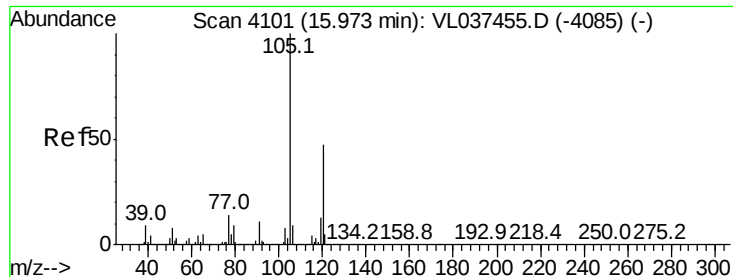
Tot Ion: 95 Resp: 3105739
 Ion Ratio Lower Upper
 95 100
 174 76.3 59.6 89.4
 175 5.9 4.6 7.0



#72
 4-Ethyltoluene
 Concen: 0.416 ppbv
 RT: 15.85 min Scan# 4063
 Delta R.T. 0.03 min
 Lab File: VL037587.D
 Acq: 9 Sep 2021 1:17

Tgt Ion: 105 Resp: 238875
 Ion Ratio Lower Upper
 105 100
 120 38.0 24.7 37.1#
 91 17.9 9.8 14.8#
 77 16.8 10.6 15.8#





#73

1,3,5-Trimethylbenzene

Concen: 0.236 ppbv

RT: 16.01 min Scan# 4112

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Instrument :

MSVOA_L

ClientSampleId :

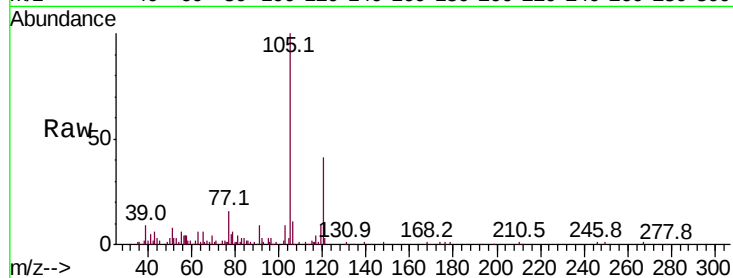
SV-2

Tot Ion:105 Resp: 125982

Ion Ratio Lower Upper

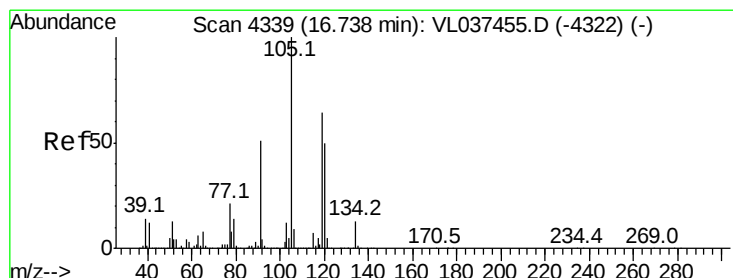
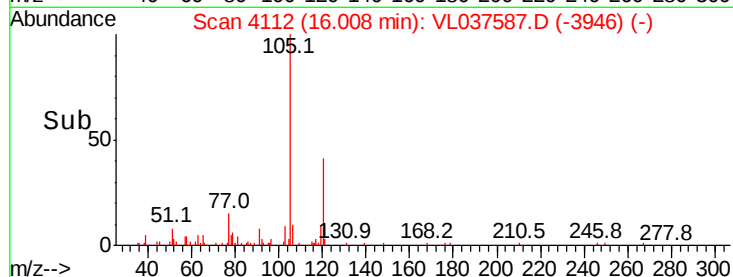
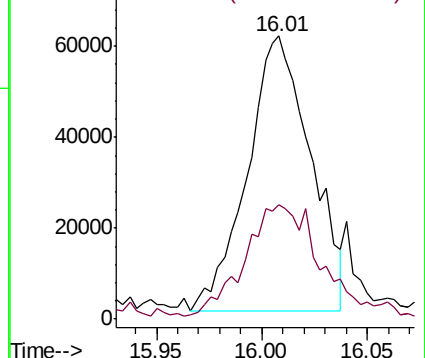
105 100

120 40.1 37.6 56.4



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 1.225 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.04 min

Lab File: VL037587.D

Acq: 9 Sep 2021 1:17

Tgt Ion:105 Resp: 695965

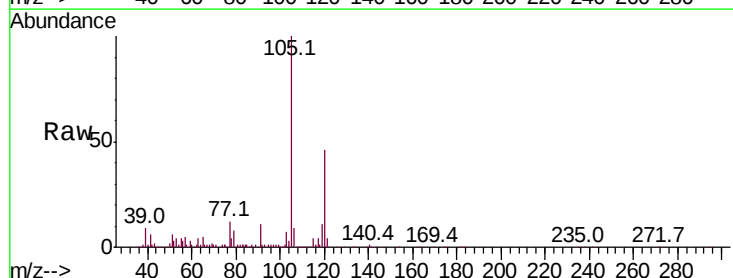
Ion Ratio Lower Upper

105 100

120 45.5 40.4 60.6

91 11.1 44.6 67.0#

77 12.0 17.8 26.6#



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

