

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090821\
 Data File : VL037566.D
 Acq On : 8 Sep 2021 11:09
 Operator : SY/AP
 Sample : M3662-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

Quant Time: Sep 09 09:10:42 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	5.67	49	1706708	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	5033480	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4448494	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3324961	10.52	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.20%

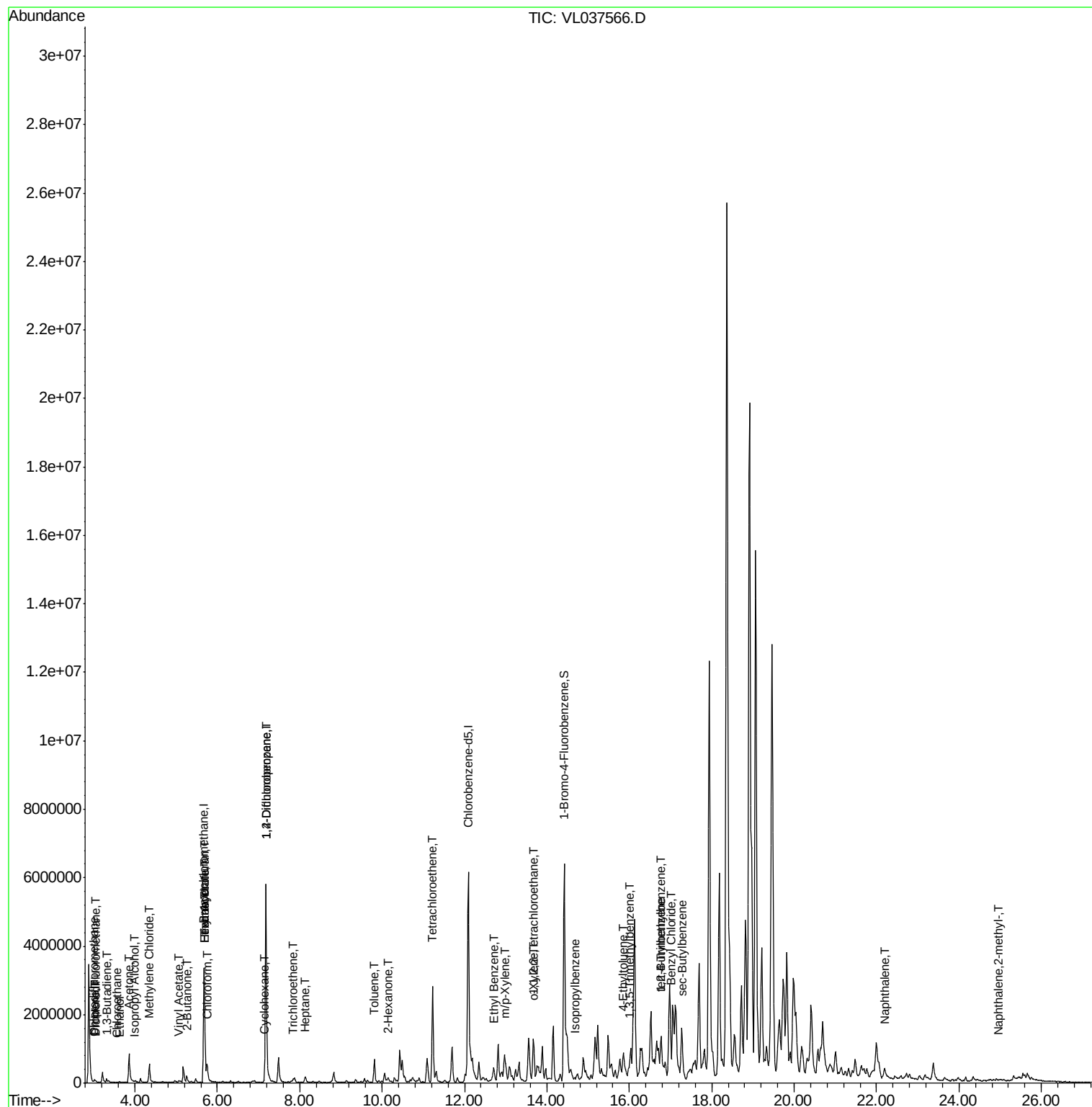
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.05	85	15783	0.058	ppbv 97
3) Chlorodifluoromethane	3.00	51	30812	0.094	ppbv 96
7) Chloroethane	3.56	64	1442	0.035	ppbv 97
9) Propene	3.01	41	11019	0.094	ppbv # 16
10) Heptane	8.13	43	27592	0.103	ppbv # 34
13) Ethanol	3.61	45	11294	0.993	ppbv # 39
15) Acetone	3.85	43	1126346	6.485	ppbv 89
16) 1,3-Butadiene	3.33	39	3708	0.033	ppbv # 51
19) Isopropyl Alcohol	3.98	45	9304	0.093	ppbv # 1
20) Methylene Chloride	4.35	84	230841	2.654	ppbv 98
23) Vinyl Acetate	5.07	43	25541	0.100	ppbv # 81
25) Ethyl Acetate	5.69	43	313646	0.711	ppbv # 80
26) Hexane	5.69	57	418491	1.941	ppbv # 46
29) Chloroform	5.75	83	320196	1.048	ppbv 97
30) Cyclohexane	7.13	84	5449	0.030	ppbv # 1
34) 2-Butanone	5.25	43	236838	1.152	ppbv # 84
38) Trichloroethene	7.83	130	13290	0.077	ppbv 89
39) 1,2-Dichloropropane	7.18	63	1142501	7.027	ppbv # 27
41) Tetrahydrofuran	5.69	42	169514	1.712	ppbv # 49
51) 2-Hexanone	10.15	43	101519	0.823	ppbv # 94
52) Tetrachloroethene	11.23	164	768055	4.430	ppbv 97
53) Toluene	9.81	91	574426	1.189	ppbv 99
58) Ethyl Benzene	12.71	91	266315	0.431	ppbv 91
59) m/p-Xylene	13.00	91	152780	0.285	ppbv # 30
60) o-Xylene	13.69	91	289276	0.579	ppbv 98
62) Isopropylbenzene	14.67	105	25561	0.036	ppbv # 50
63) 1,1,2,2-Tetrachloroethane	13.67	83	23871	0.064	ppbv 93
65) tert-Butylbenzene	16.76	119	79558	0.124	ppbv # 86
66) Benzyl Chloride	17.01	91	879	0.030	ppbv # 63
67) sec-Butylbenzene	17.30	105	42965	0.048	ppbv # 79
72) 4-Ethyltoluene	15.84	105	190855	0.321	ppbv # 93
73) 1,3,5-Trimethylbenzene	16.00	105	124518	0.225	ppbv 89
74) 1,2,4-Trimethylbenzene	16.76	105	531989	0.905	ppbv # 66
79) Naphthalene	22.19	128	36974	0.094	ppbv 96
80) Naphthalene,2-methyl-	24.97	142	15761	0.144	ppbv 98

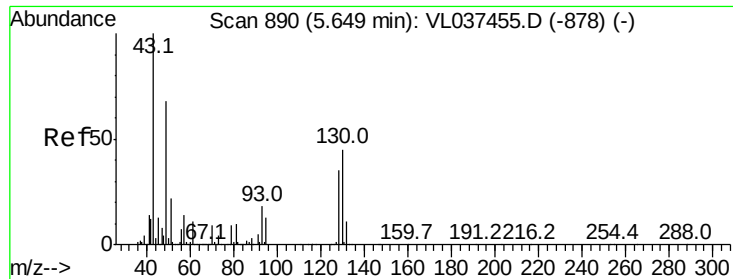
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

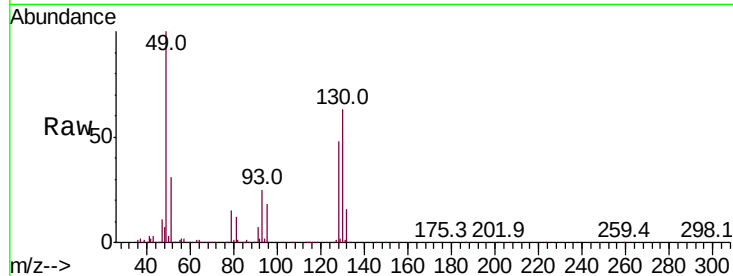
Tot Ion: 49 Resp: 1706708

Ion Ratio Lower Upper

49 100

128 54.3 27.5 82.4

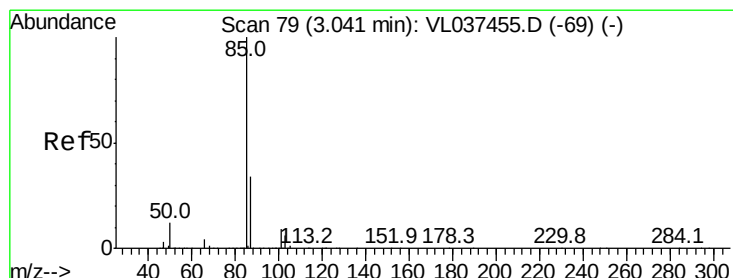
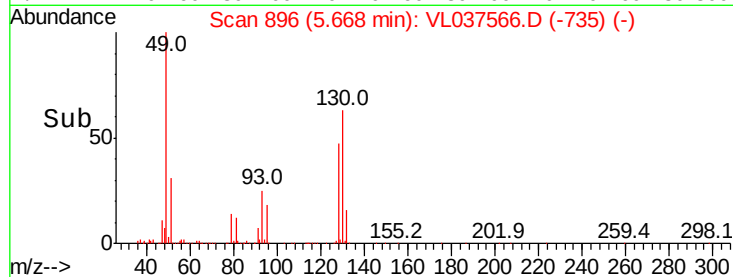
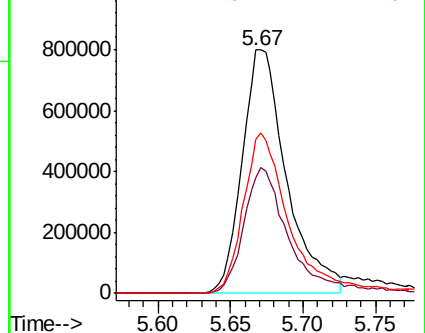
130 70.5 34.0 101.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.058 ppbv

RT: 3.05 min Scan# 83

Delta R.T. 0.01 min

Lab File: VL037566.D

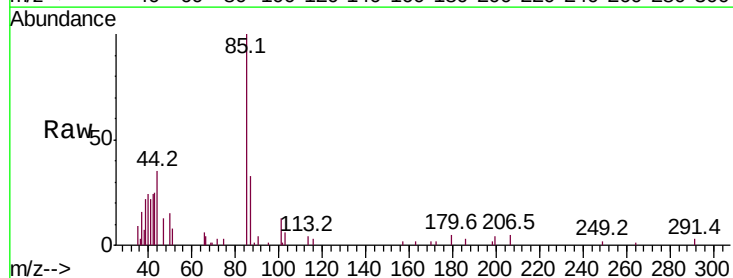
Acq: 8 Sep 2021 11:09

Tgt Ion: 85 Resp: 15783

Ion Ratio Lower Upper

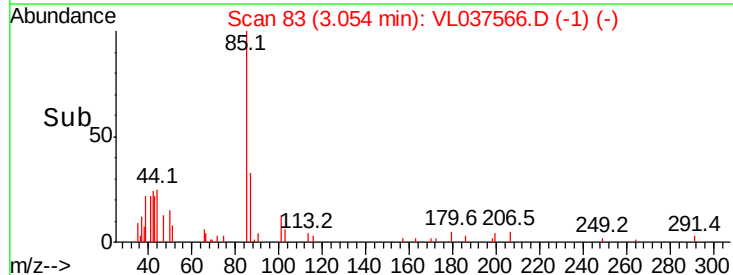
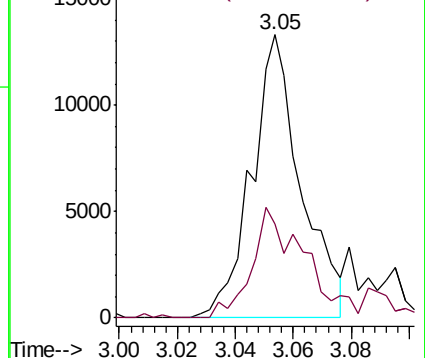
85 100

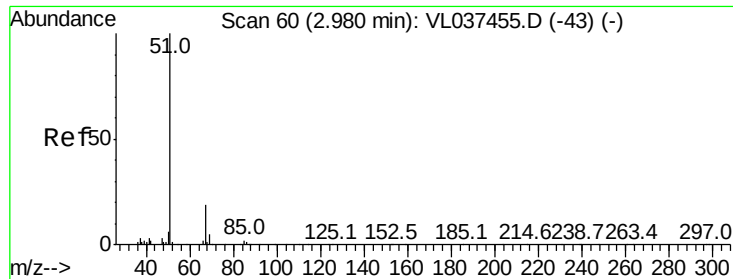
87 33.0 27.6 41.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

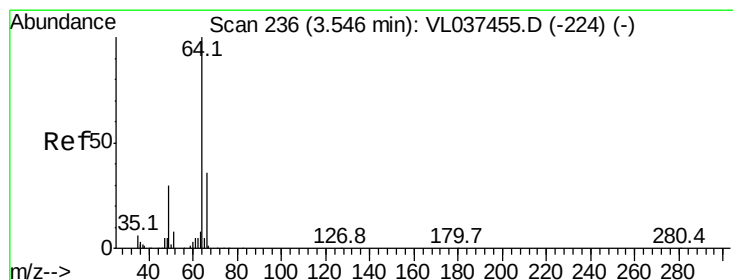
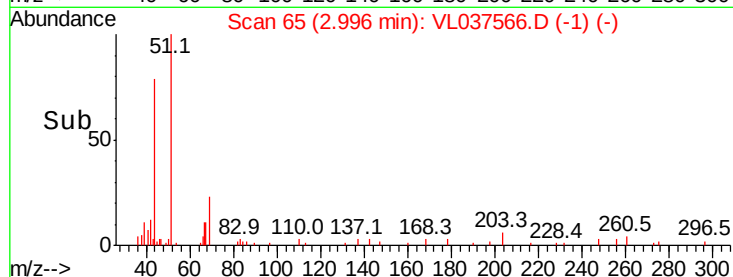
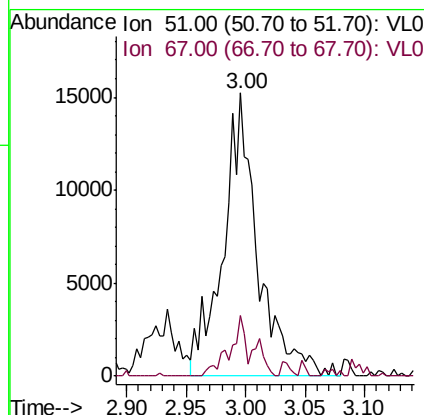
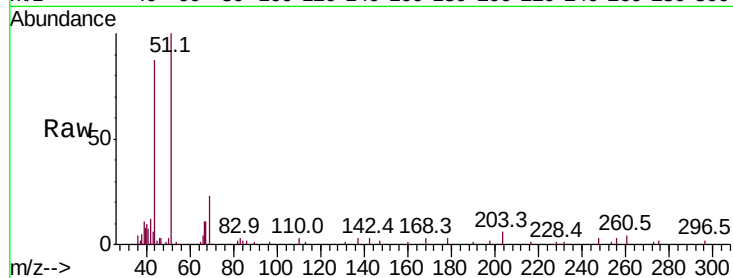




#3
Chlorodifluoromethane
Concen: 0.094 ppbv
RT: 3.00 min Scan# 65
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

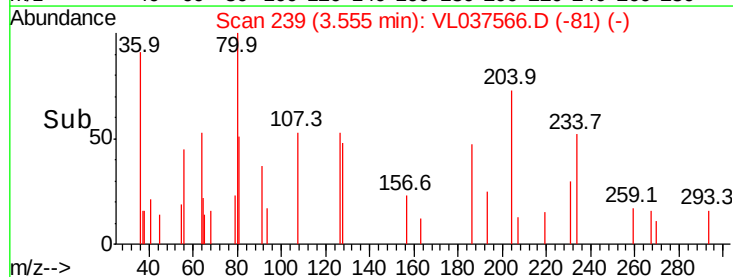
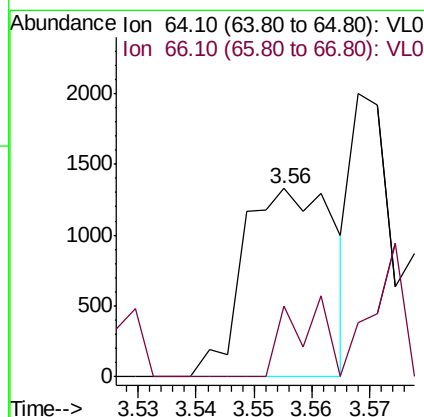
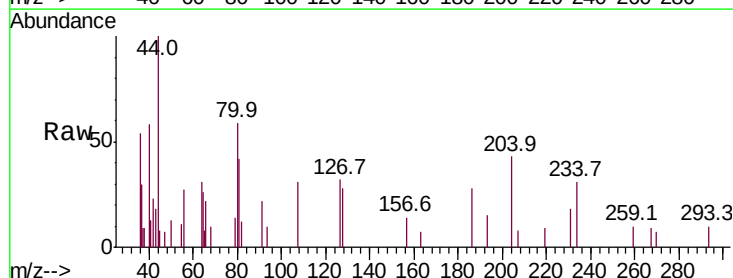
Instrument :
MSVOA_L
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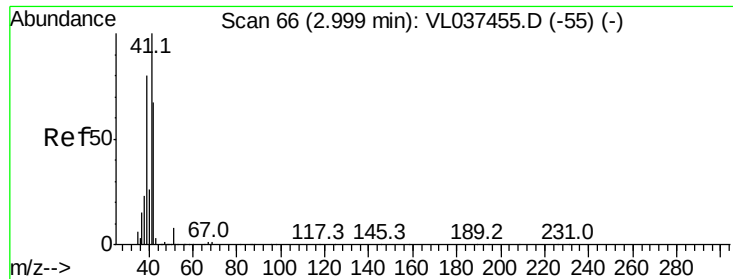
Tot Ion: 51 Resp: 30812
Ion Ratio Lower Upper
51 100
67 15.7 14.2 21.2



#7
Chloroethane
Concen: 0.035 ppbv
RT: 3.56 min Scan# 239
Delta R.T. 0.01 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 64 Resp: 1442
Ion Ratio Lower Upper
64 100
66 37.5 28.6 43.0

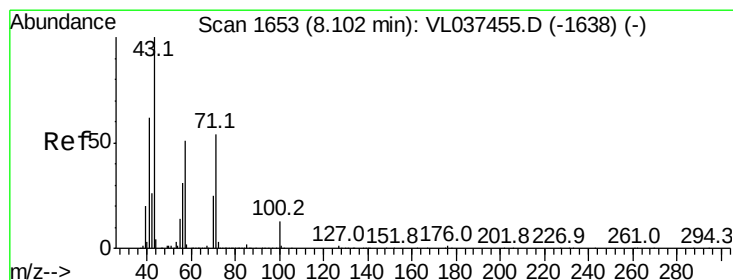
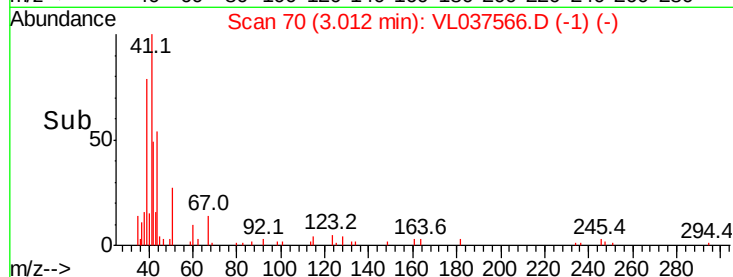
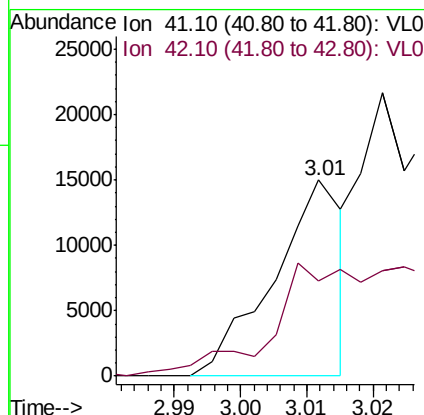
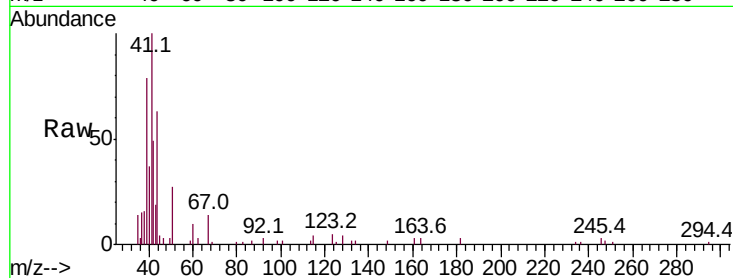




#9
 Propene
 Concen: 0.094 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.01 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

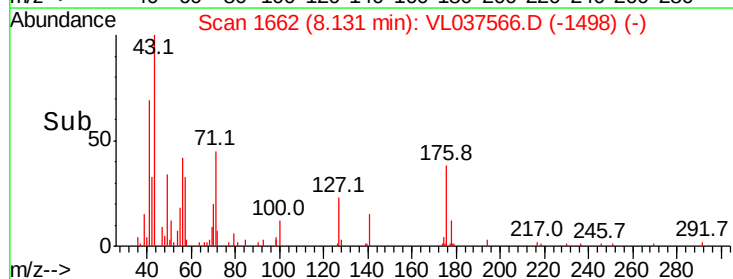
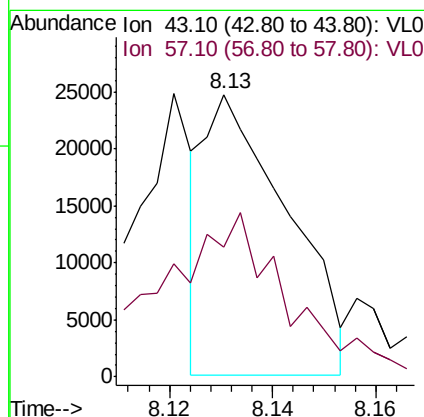
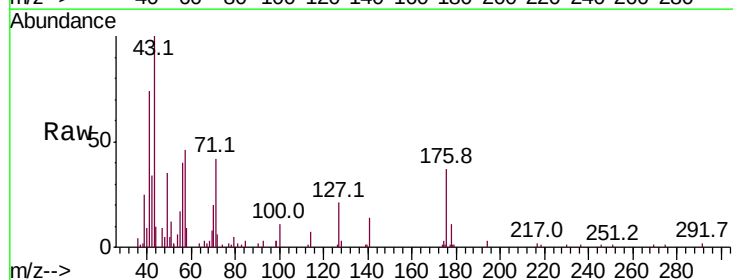
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

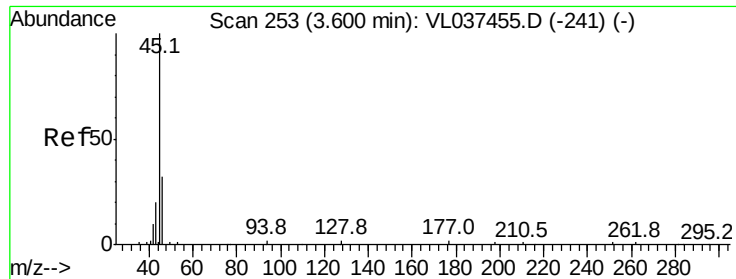
Tot Ion: 41 Resp: 11019
 Ion Ratio Lower Upper
 41 100
 42 0.0 53.7 80.5#



#10
 Heptane
 Concen: 0.103 ppbv
 RT: 8.13 min Scan# 1662
 Delta R.T. 0.03 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

Tgt Ion: 43 Resp: 27592
 Ion Ratio Lower Upper
 43 100
 57 97.1 41.0 61.6#

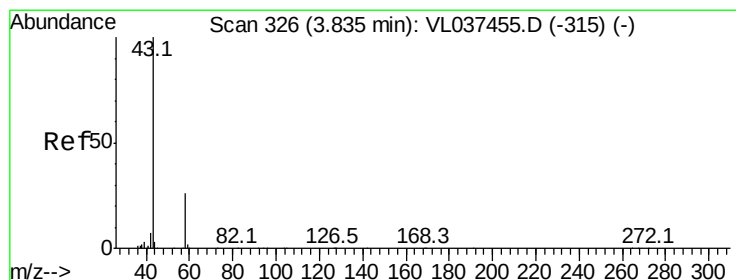
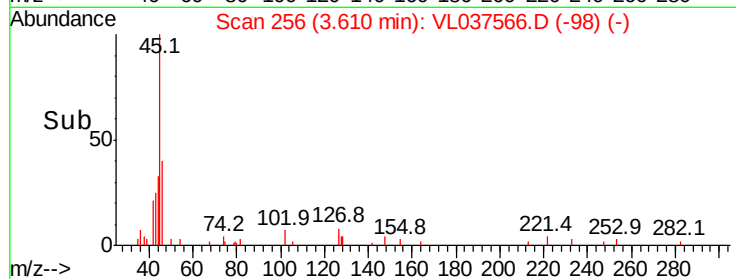
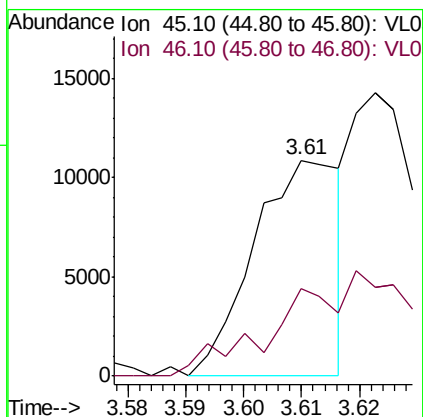
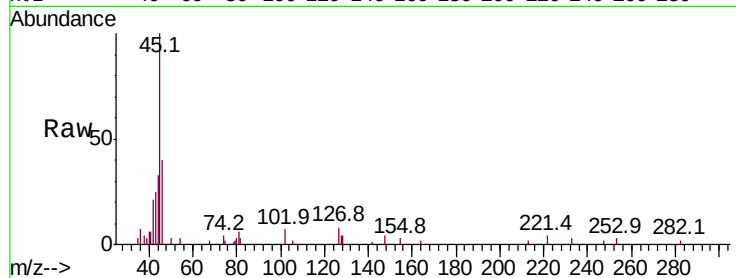




#13
Ethanol
Concen: 0.993 ppbv
RT: 3.61 min Scan# 256
Delta R.T. 0.01 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

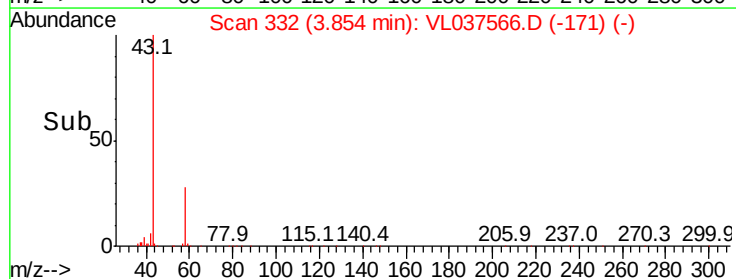
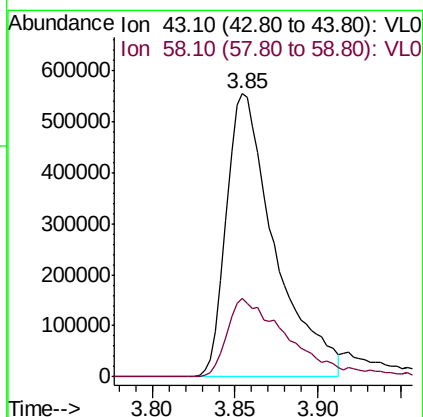
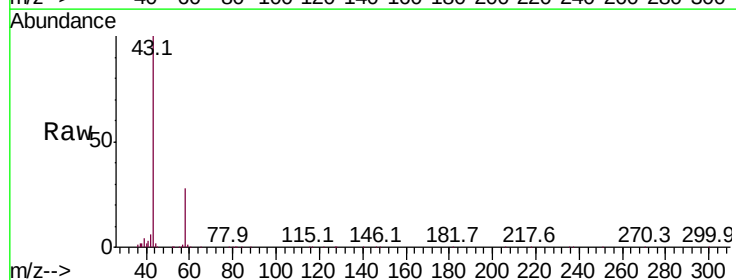
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

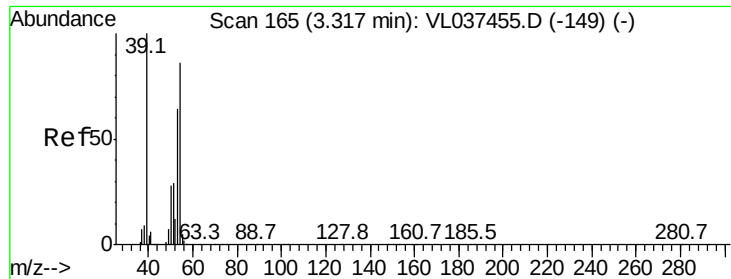
Tot Ion: 45 Resp: 11294
Ion Ratio Lower Upper
45 100
46 0.0 14.1 56.5#



#15
Acetone
Concen: 6.485 ppbv
RT: 3.85 min Scan# 332
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 43 Resp: 1126346
Ion Ratio Lower Upper
43 100
58 37.1 24.8 37.2

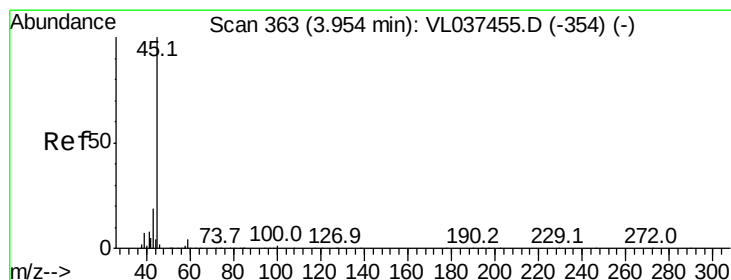
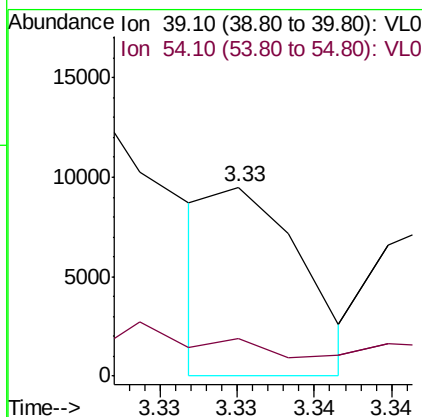
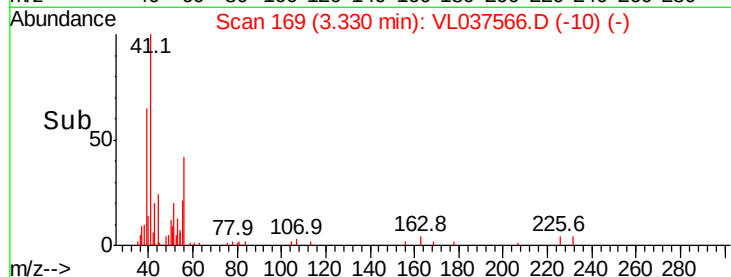
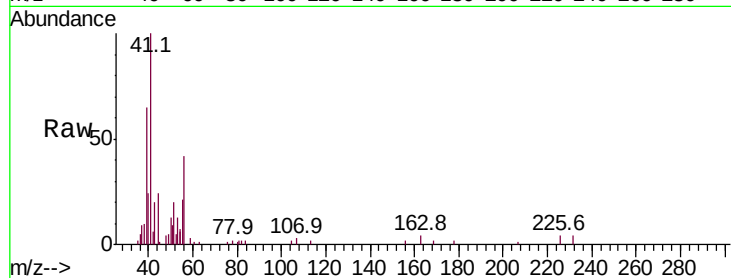




#16
 1,3-Butadiene
 Concen: 0.033 ppbv
 RT: 3.33 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

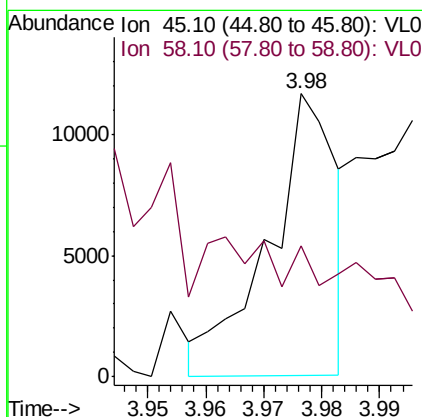
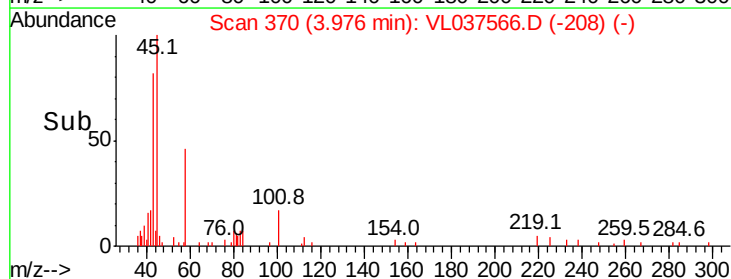
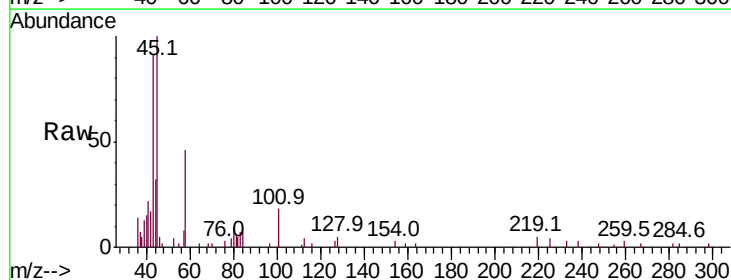
Instrument :
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 ClientSampleId :
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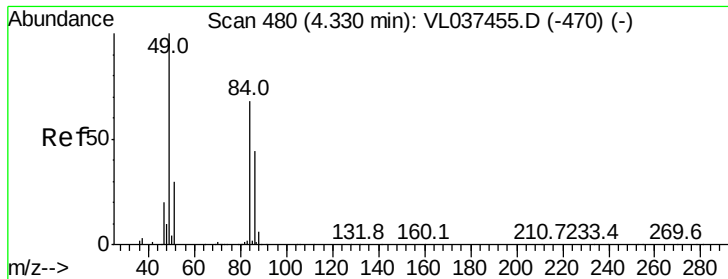
Tot Ion: 39 Resp: 3708
 Ion Ratio Lower Upper
 39 100
 54 123.1 63.7 95.5#



#19
 Isopropyl Alcohol
 Concen: 0.093 ppbv
 RT: 3.98 min Scan# 370
 Delta R.T. 0.02 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

Tgt Ion: 45 Resp: 9304
 Ion Ratio Lower Upper
 45 100
 58 166.8 1.4 2.2#

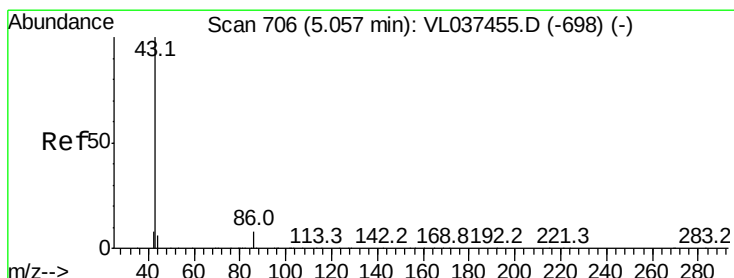
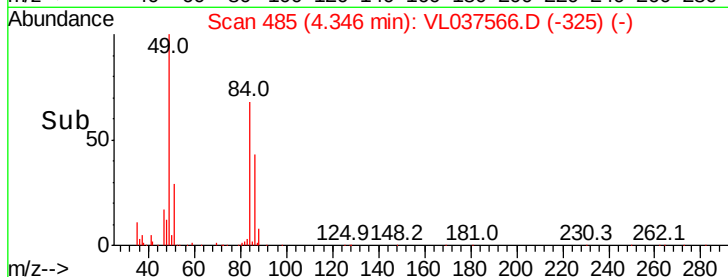
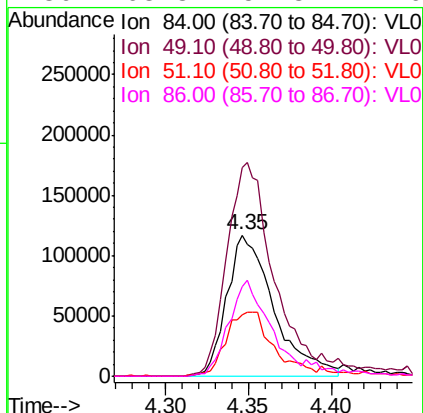
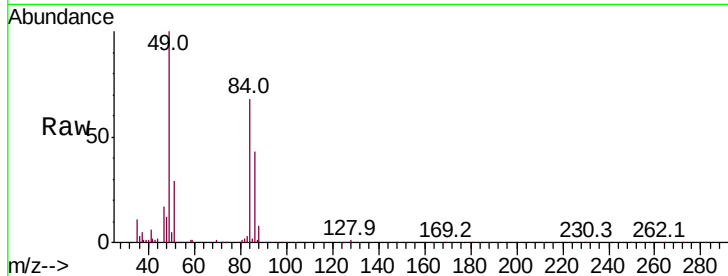




#20
Methylene Chloride
Concen: 2.654 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

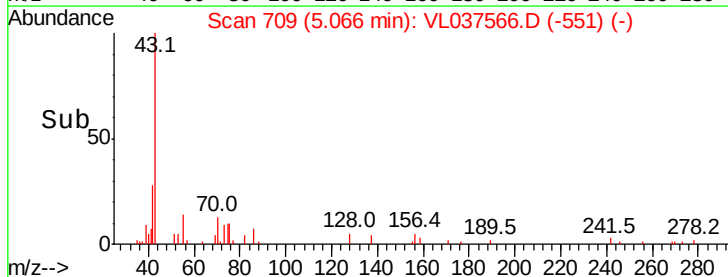
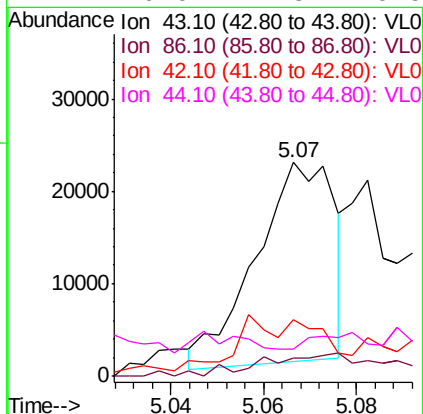
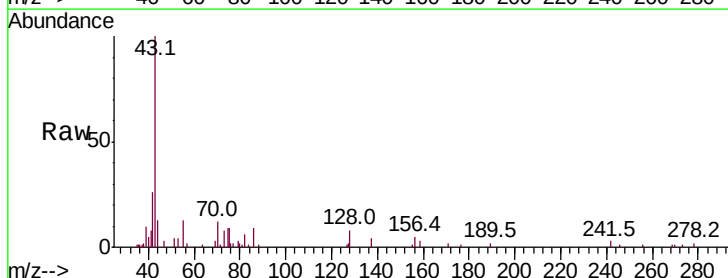
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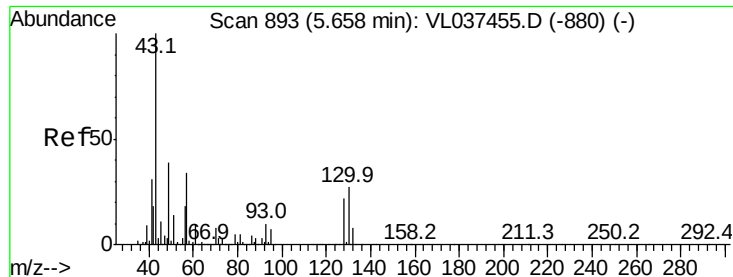
Tot Ion:	84	Resp:	230841
Ion	Ratio	Lower	Upper
84	100		
49	146.9	118.2	177.2
51	42.1	36.6	55.0
86	63.8	51.8	77.6



#23
Vinyl Acetate
Concen: 0.100 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.01 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion:	43	Resp:	25541
Ion	Ratio	Lower	Upper
43	100		
86	6.7	5.7	8.5
42	22.1	7.4	11.2#
44	0.0	4.3	6.5#





#25

Ethyl Acetate

Concen: 0.711 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.04 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tot Ion: 43 Resp: 313646

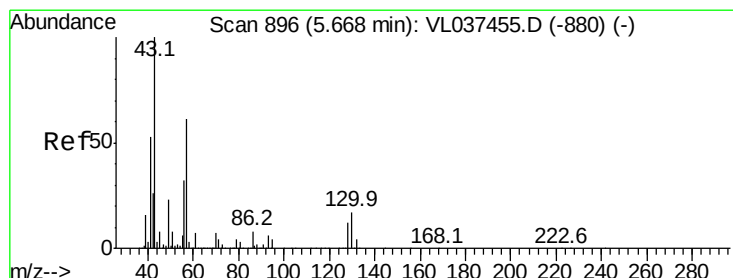
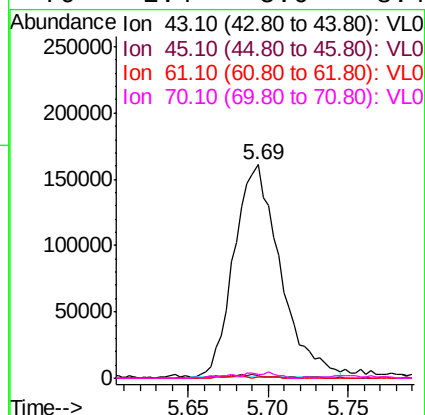
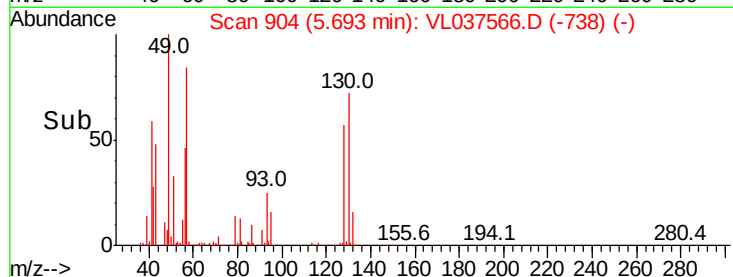
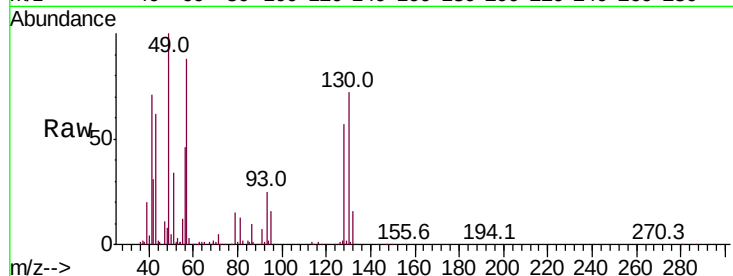
Ion Ratio Lower Upper

43 100

45 2.0 8.0 12.0#

61 1.1 8.0 12.0#

70 2.4 5.6 8.4#



#26

Hexane

Concen: 1.941 ppbv

RT: 5.69 min Scan# 904

Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Tgt Ion: 57 Resp: 418491

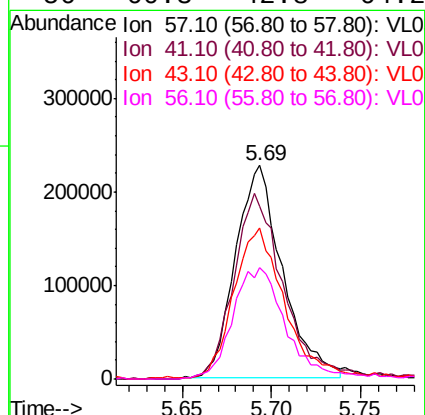
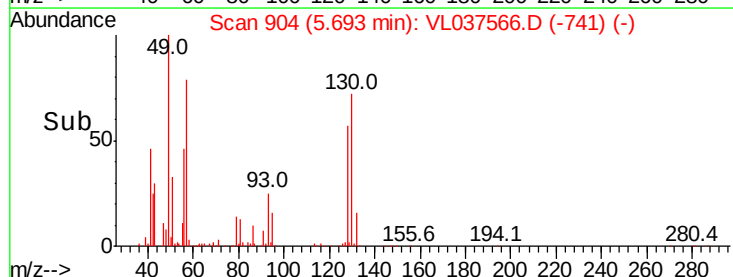
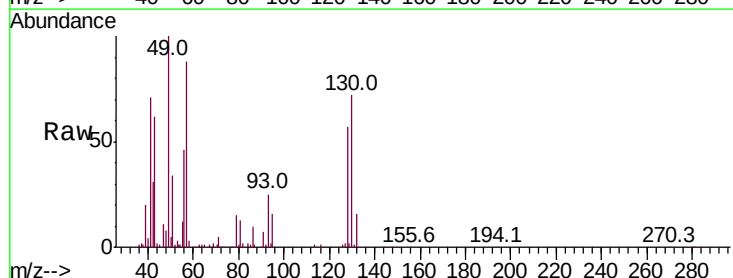
Ion Ratio Lower Upper

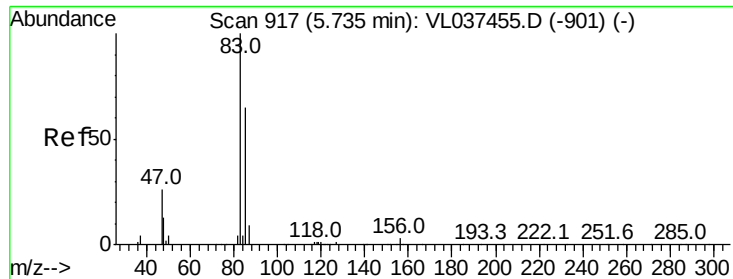
57 100

41 94.5 72.3 108.5

43 80.3 172.3 258.5#

56 60.3 42.8 64.2

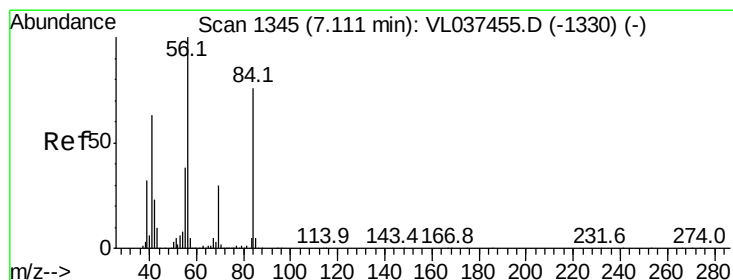
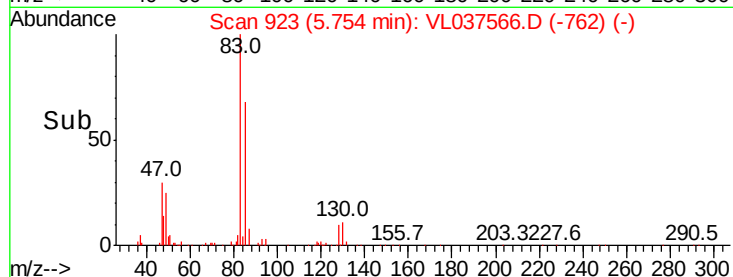
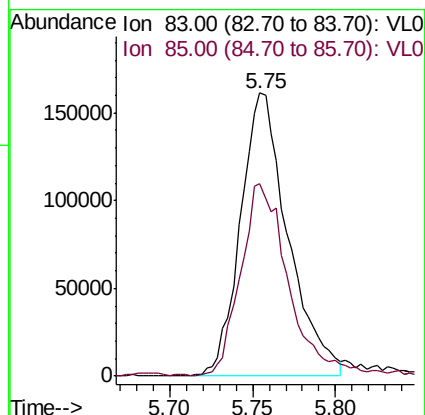
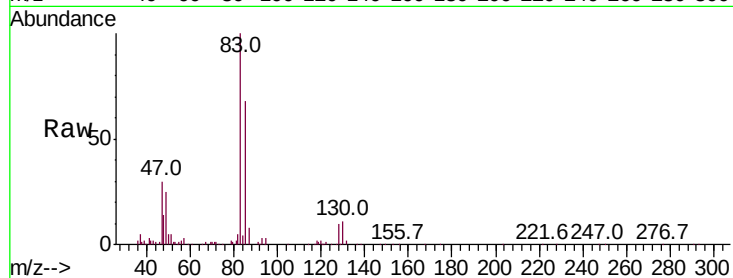




#29
Chloroform
Concen: 1.048 ppbv
RT: 5.75 min Scan# 923
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

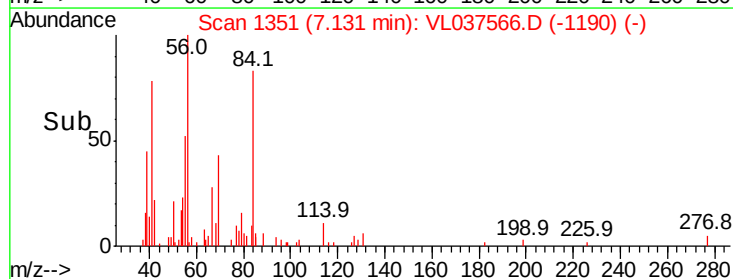
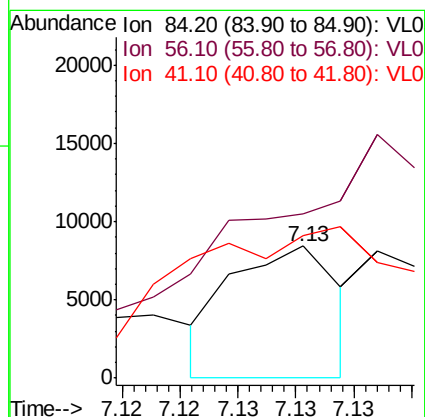
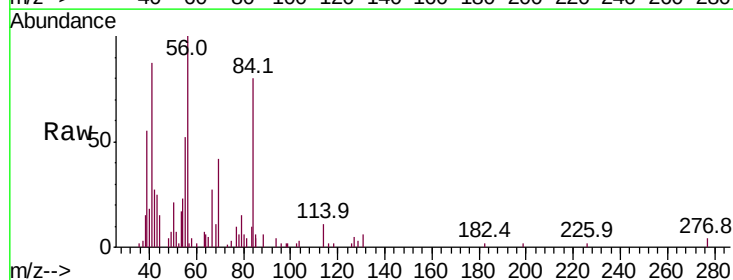
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

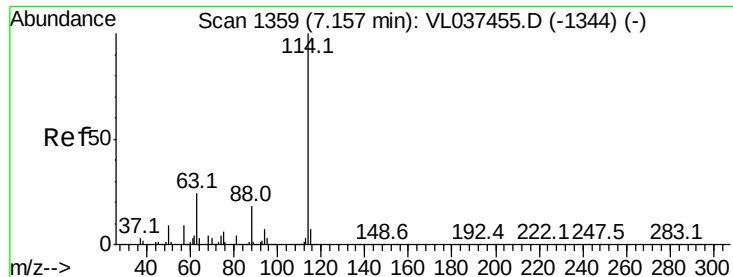
Tot Ion: 83 Resp: 320196
Ion Ratio Lower Upper
83 100
85 68.0 52.3 78.5



#30
Cyclohexane
Concen: 0.030 ppbv
RT: 7.13 min Scan# 1351
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 84 Resp: 5449
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 67.0 100.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.02 min

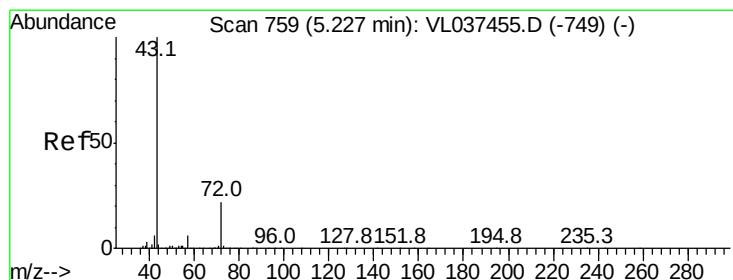
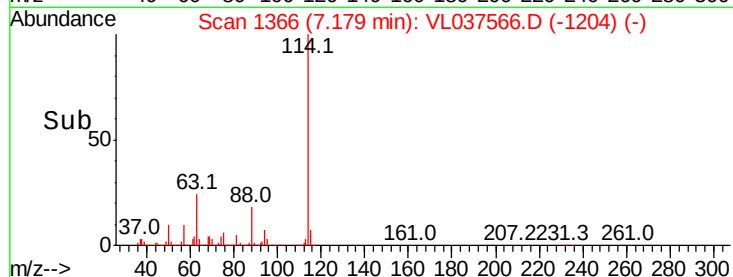
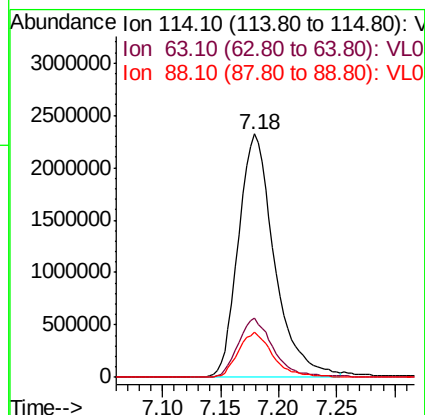
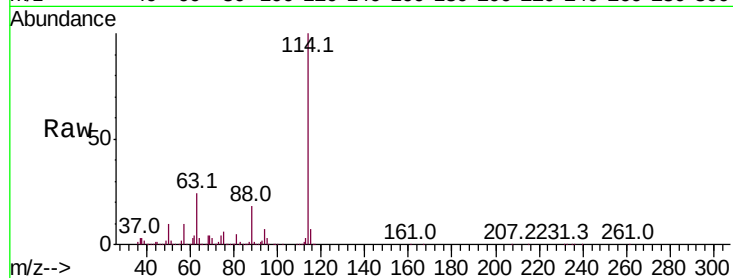
Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

Tot Ion:114 Resp: 5033480

Ion	Ratio	Lower	Upper
114	100		
63	24.2	19.3	28.9
88	18.0	14.2	21.4



#34

2-Butanone

Concen: 1.152 ppbv

RT: 5.25 min Scan# 767

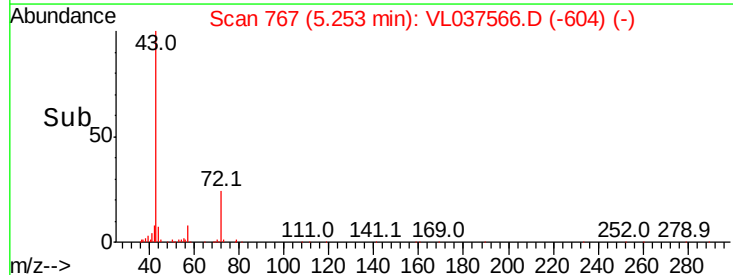
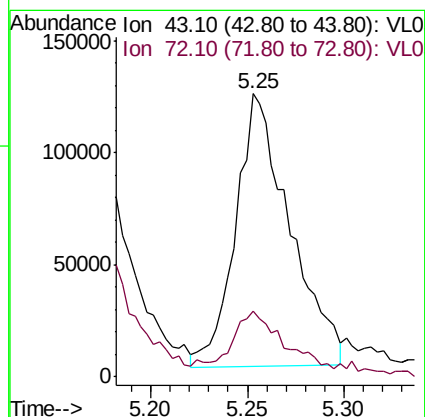
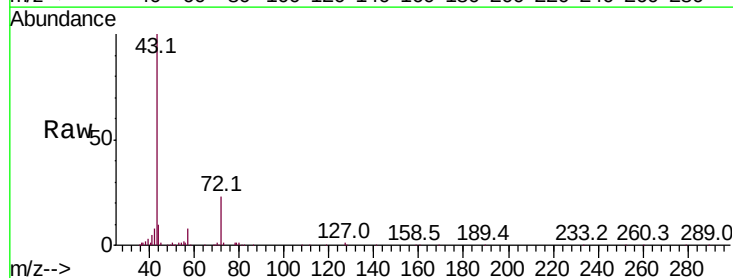
Delta R.T. 0.03 min

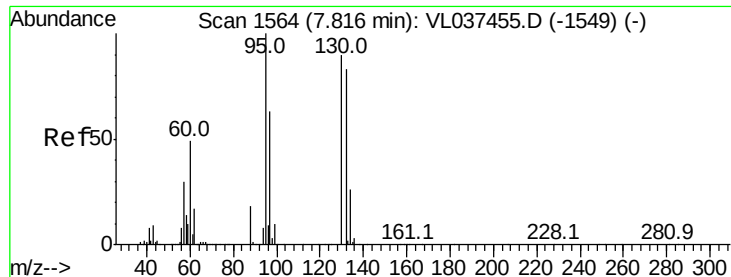
Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Tgt Ion: 43 Resp: 236838

Ion	Ratio	Lower	Upper
43	100		
72	29.1	17.4	26.0





#38

Trichloroethene

Concen: 0.077 ppbv

RT: 7.83 min Scan# 1570

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tot Ion:130 Resp: 13290

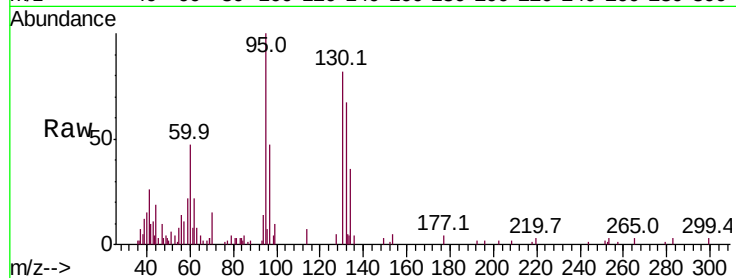
Ion Ratio Lower Upper

130 100

95 122.5 89.2 133.8

132 84.5 74.0 111.0

97 57.7 56.6 84.8

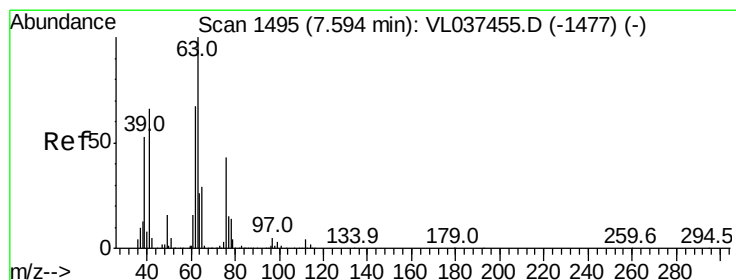
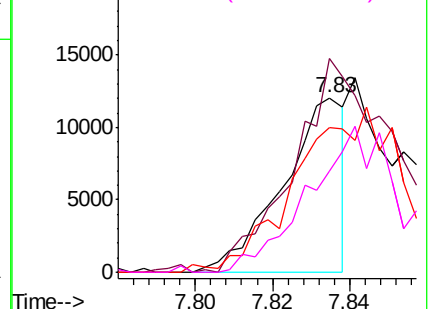
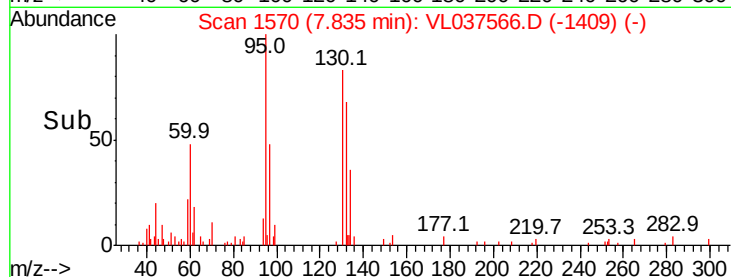


Abundance Ion 130.00 (129.70 to 130.70): V

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: 7.027 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. -0.41 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

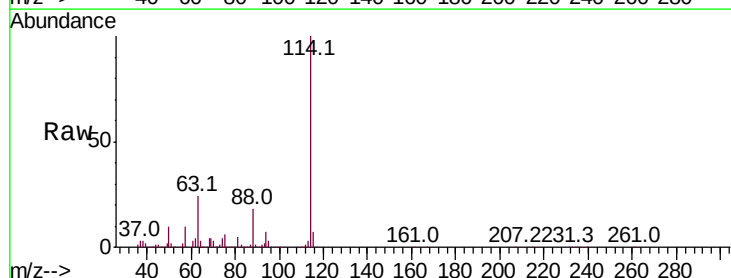
Tgt Ion: 63 Resp: 1142501

Ion Ratio Lower Upper

63 100

41 0.2 52.4 78.6#

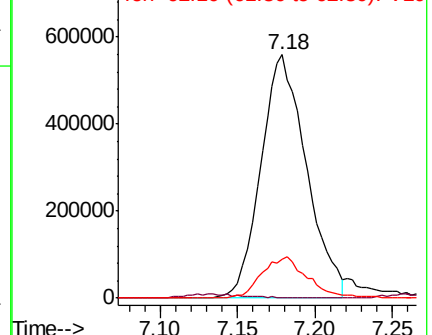
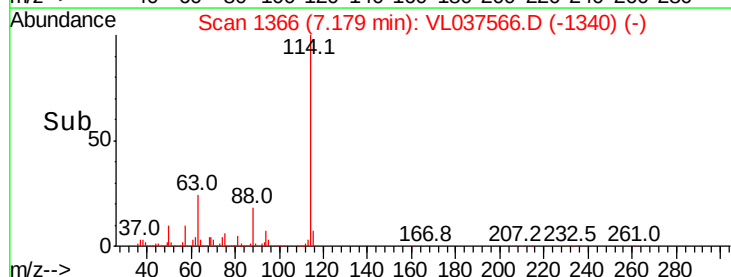
62 16.2 53.6 80.4#

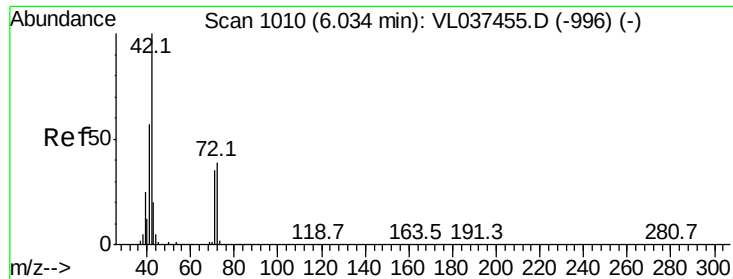


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

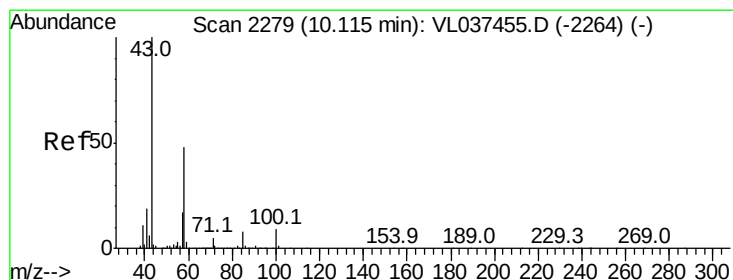
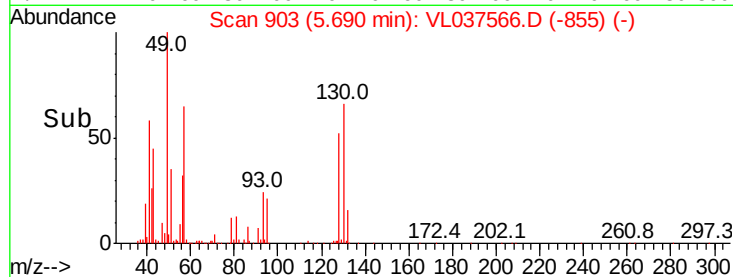
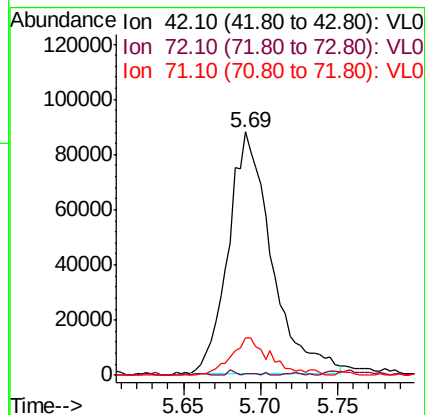
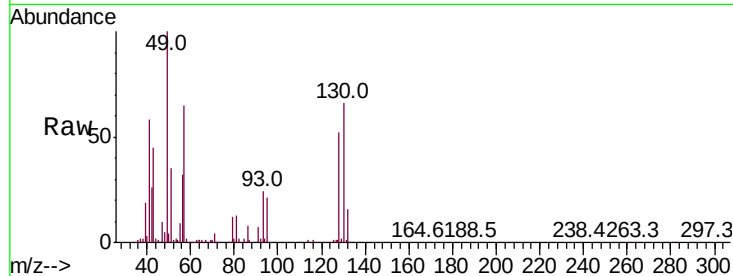




#41
Tetrahydrofuran
Concen: 1.712 ppbv
RT: 5.69 min Scan# 903
Delta R.T. -0.34 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

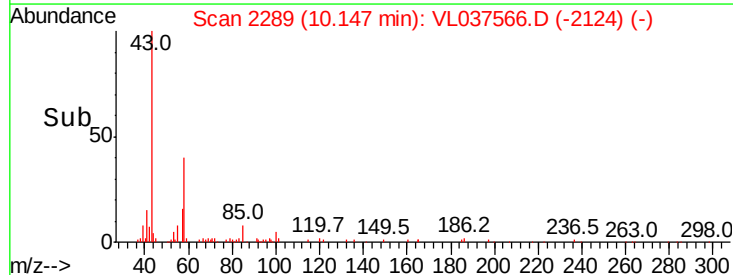
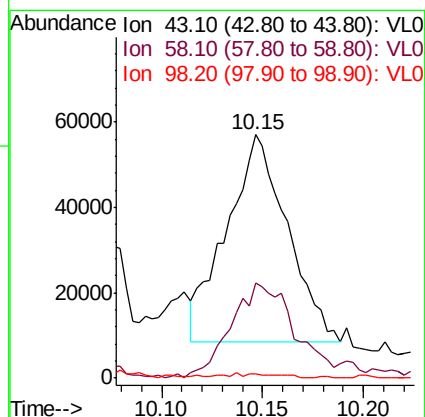
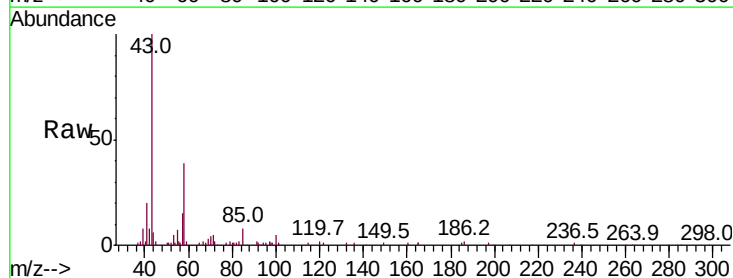
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

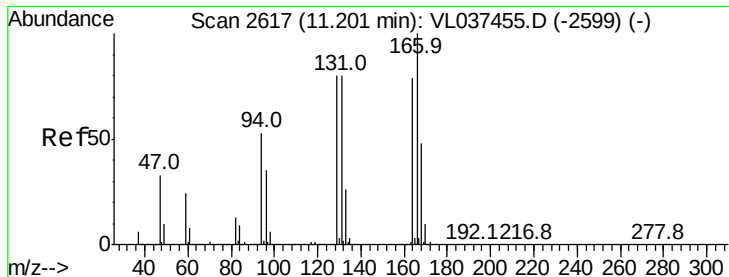
Tot Ion: 42 Resp: 169514
Ion Ratio Lower Upper
42 100
72 0.8 32.2 48.4#
71 14.9 30.5 45.7#



#51
2-Hexanone
Concen: 0.823 ppbv
RT: 10.15 min Scan# 2289
Delta R.T. 0.03 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 43 Resp: 101519
Ion Ratio Lower Upper
43 100
58 55.2 41.0 61.6
98 2.3 0.3 0.5#





#52

Tetrachloroethene

Concen: 4.430 ppbv

RT: 11.23 min Scan# 2625

Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tot Ion:164 Resp: 768055

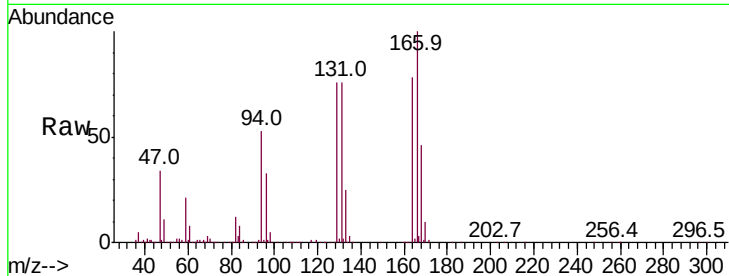
Ion Ratio Lower Upper

164 100

166 128.7 100.7 151.1

129 98.1 80.9 121.3

131 97.6 80.2 120.4

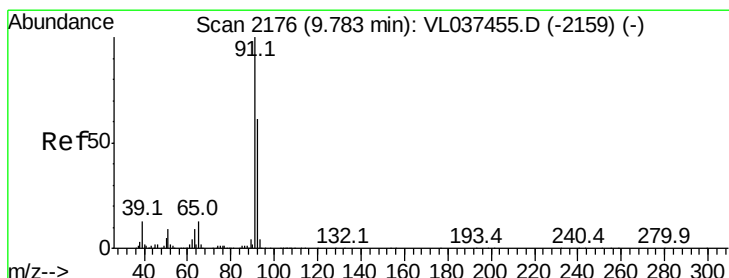
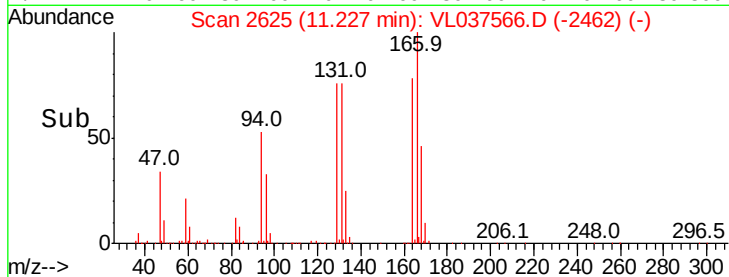
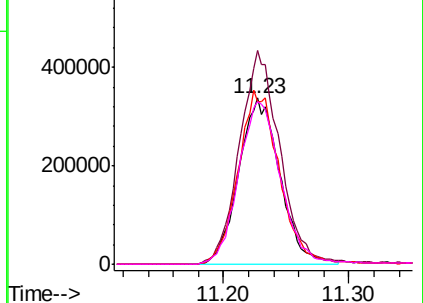


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.189 ppbv

RT: 9.81 min Scan# 2185

Delta R.T. 0.03 min

Lab File: VL037566.D

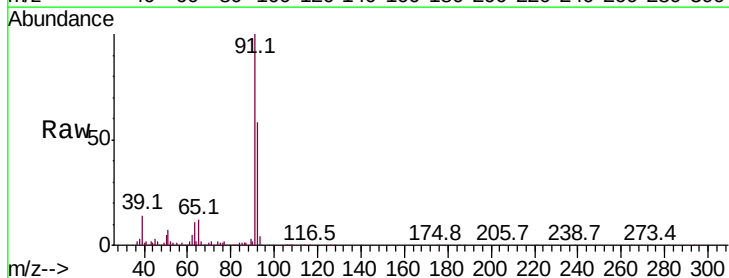
Acq: 8 Sep 2021 11:09

Tgt Ion: 91 Resp: 574426

Ion Ratio Lower Upper

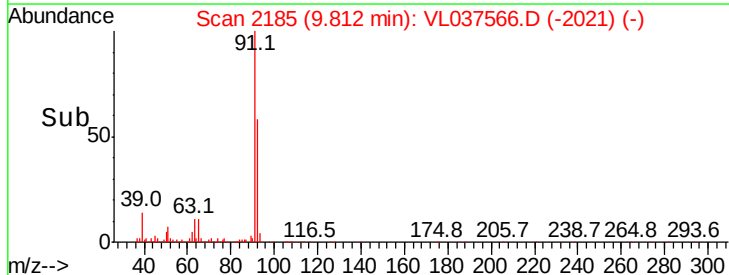
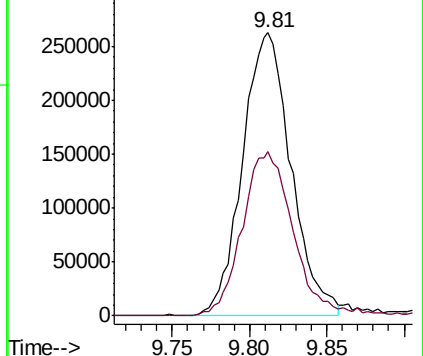
91 100

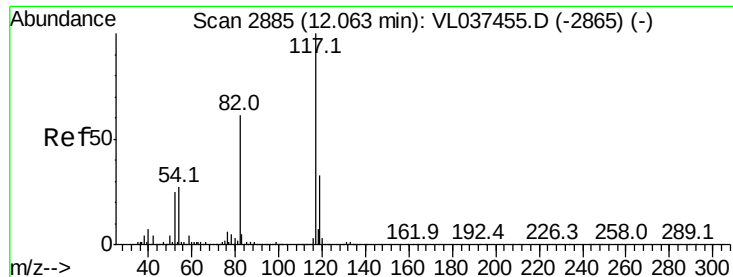
92 61.7 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

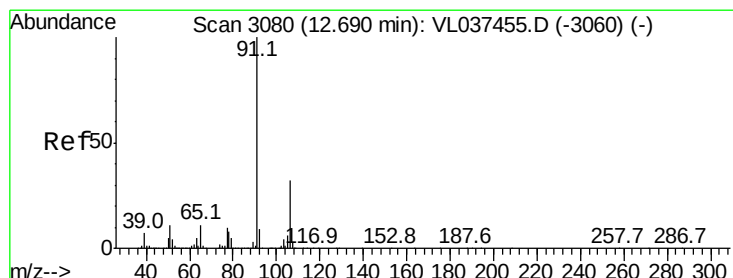
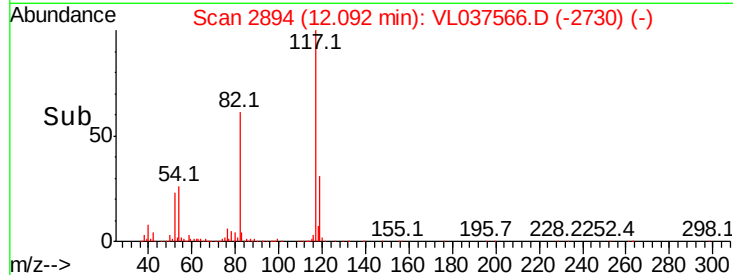
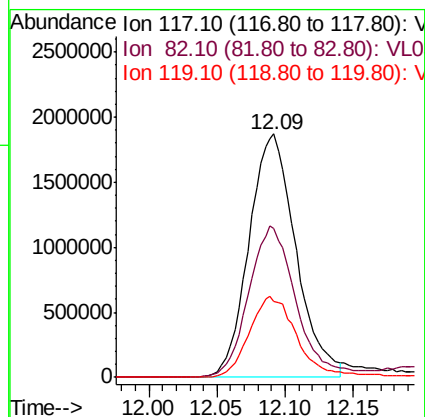
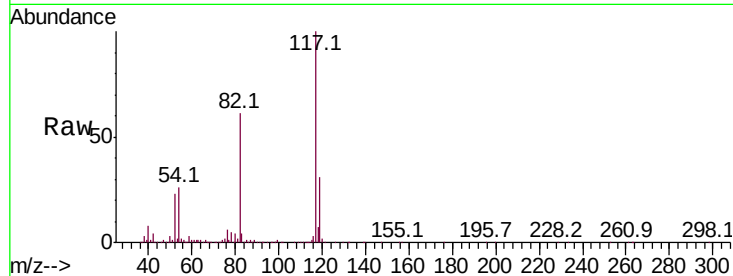




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.03 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

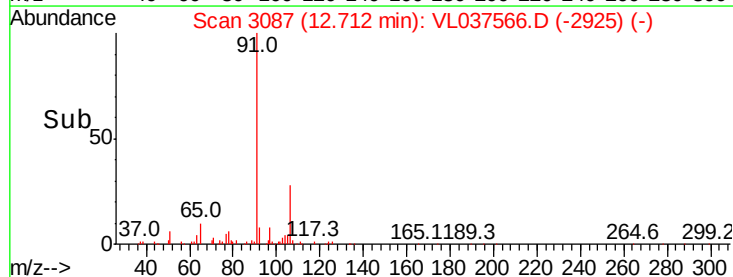
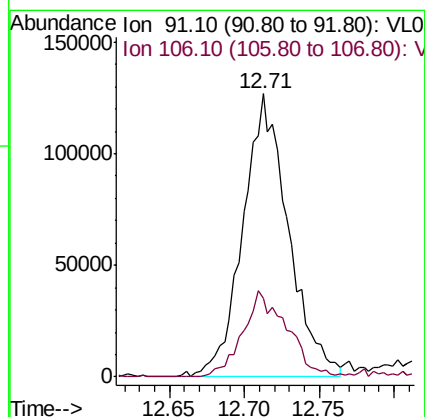
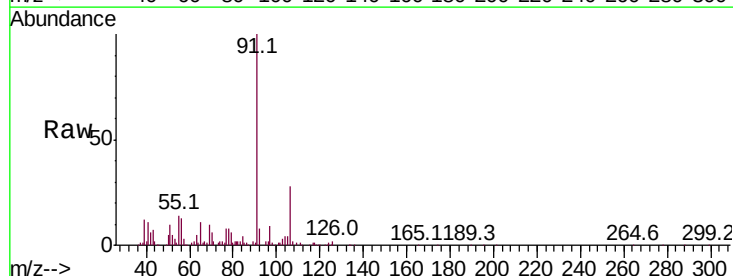
Instrument :
MSVOA_L
ClientSampleID :
SV-1DL

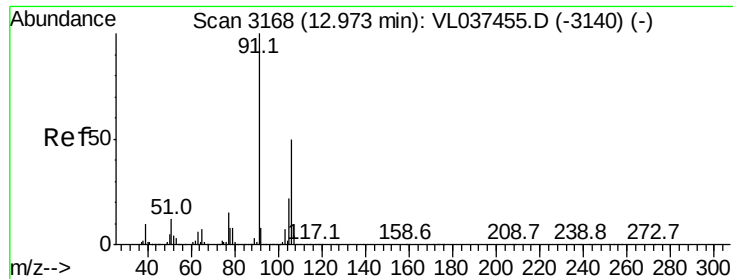
Tot Ion:117 Resp: 4448494
Ion Ratio Lower Upper
117 100
82 63.3 52.9 79.3
119 35.7 24.8 37.2



#58
Ethyl Benzene
Concen: 0.431 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 91 Resp: 266315
Ion Ratio Lower Upper
91 100
106 27.3 25.7 38.5

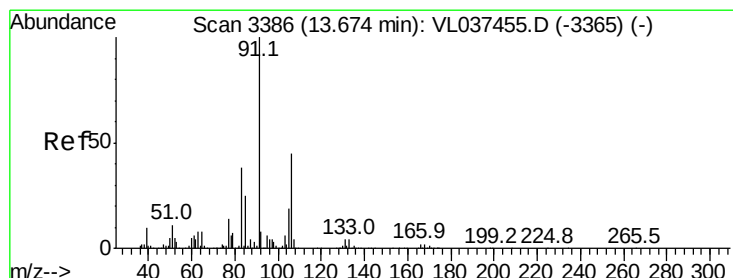
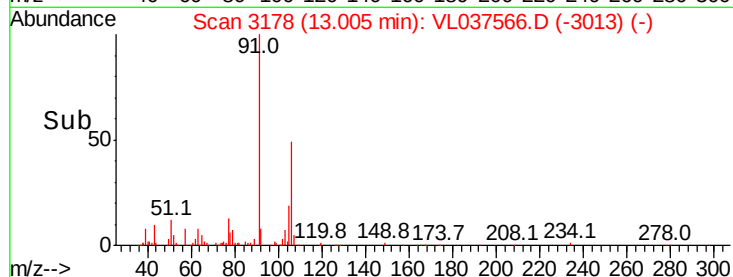
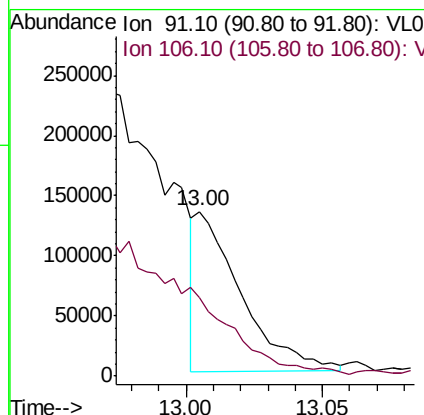
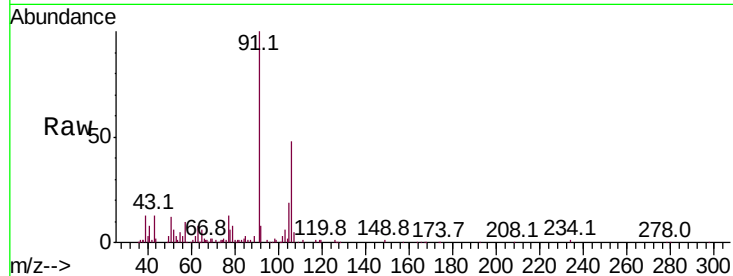




#59
m/p-Xylene
Concen: 0.285 ppbv
RT: 13.00 min Scan# 3178
Delta R.T. 0.03 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

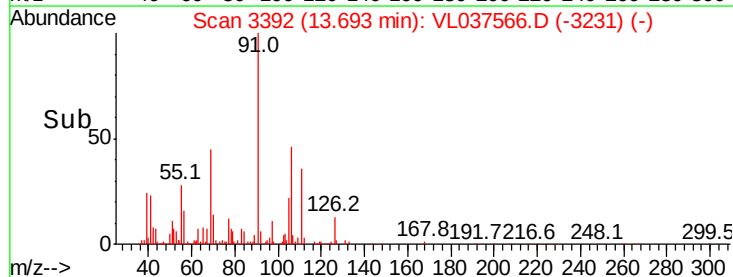
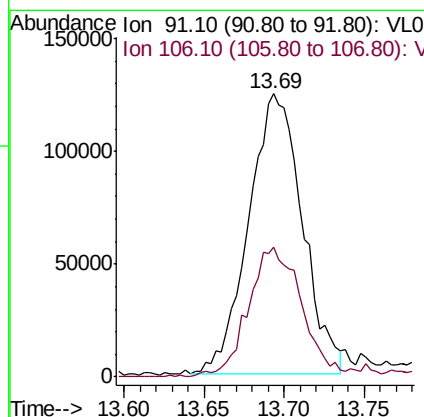
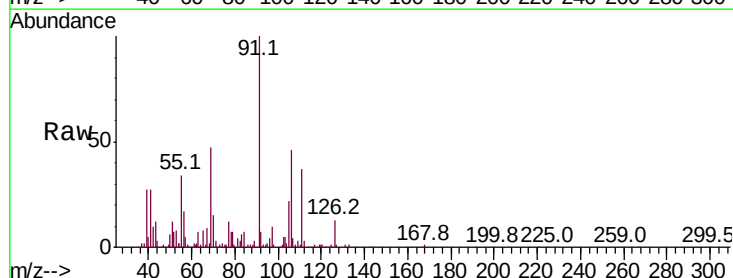
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL

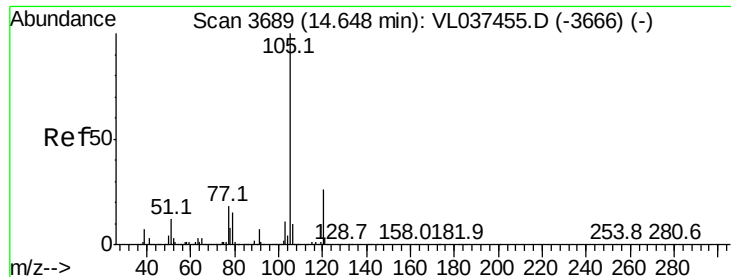
Tot Ion: 91 Resp: 152780
Ion Ratio Lower Upper
91 100
106 0.0 36.9 55.3#



#60
o-Xylene
Concen: 0.579 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. 0.02 min
Lab File: VL037566.D
Acq: 8 Sep 2021 11:09

Tgt Ion: 91 Resp: 289276
Ion Ratio Lower Upper
91 100
106 48.7 23.7 71.1





#62

Isopropylbenzene

Concen: 0.036 ppbv

RT: 14.67 min Scan# 3696

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

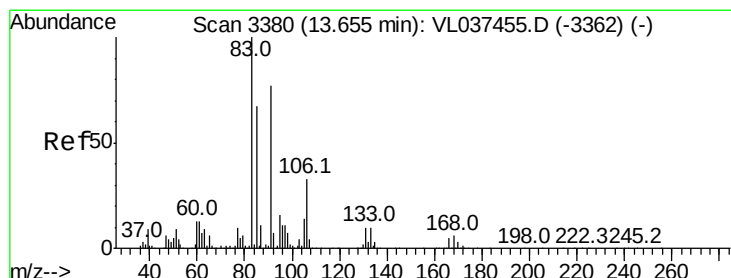
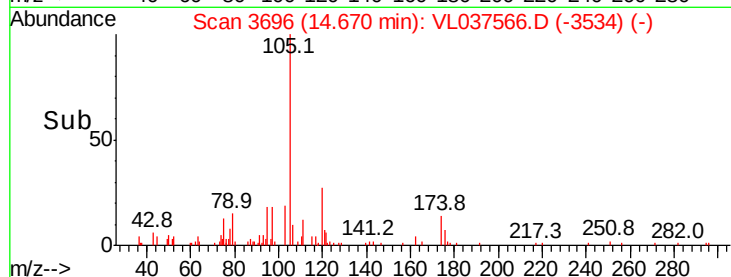
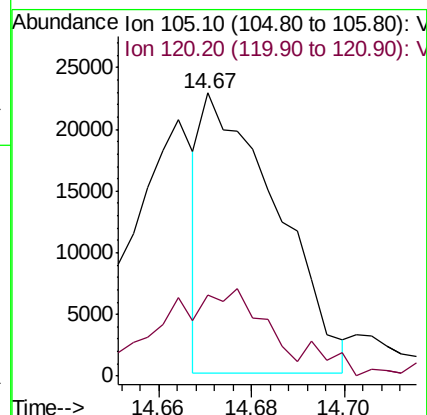
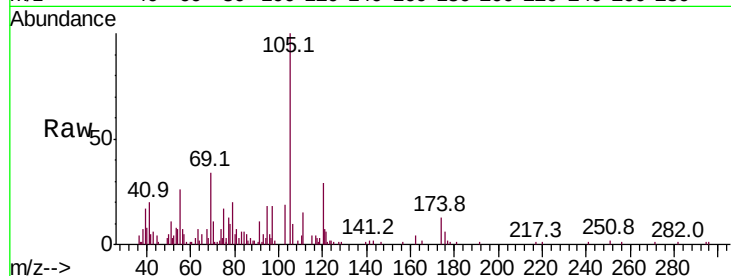
SV-1DL

Tot Ion:105 Resp: 25561

Ion Ratio Lower Upper

105 100

120 52.8 21.5 32.3#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.064 ppbv

RT: 13.67 min Scan# 3386

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

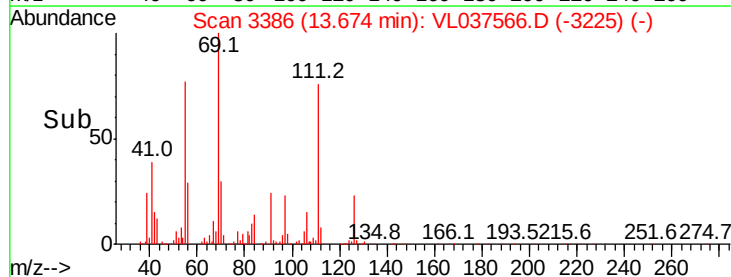
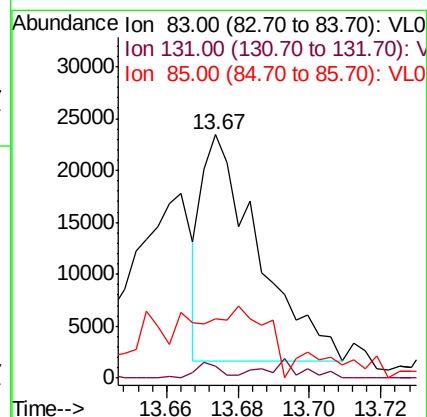
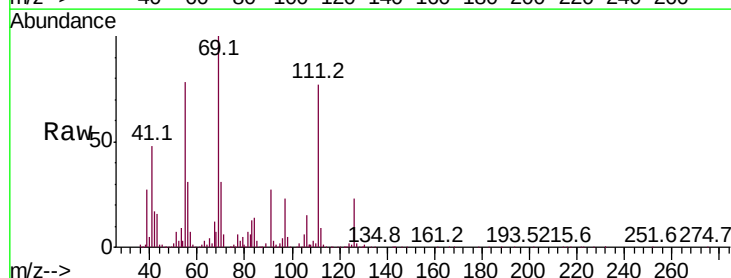
Tgt Ion: 83 Resp: 23871

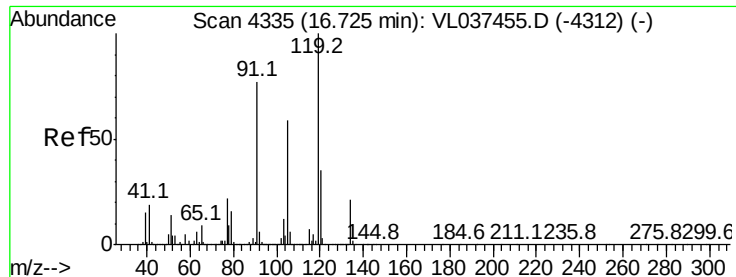
Ion Ratio Lower Upper

83 100

131 8.2 5.0 15.0

85 61.1 33.8 101.3

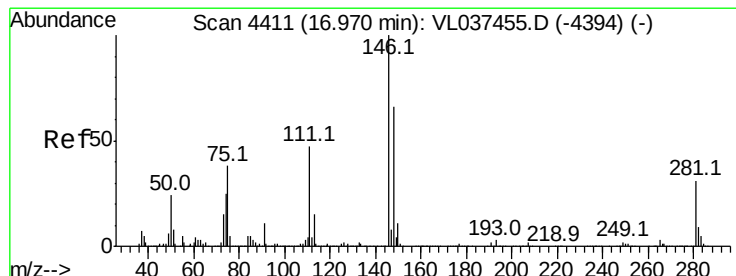
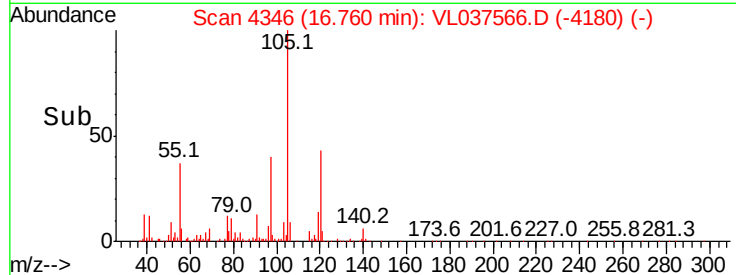
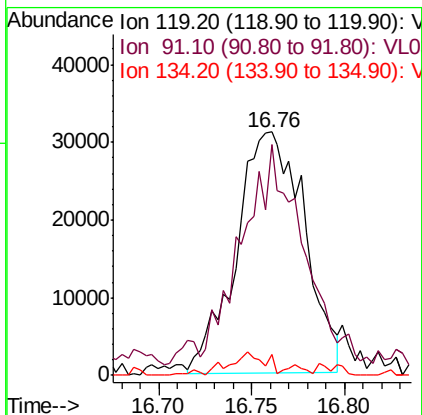
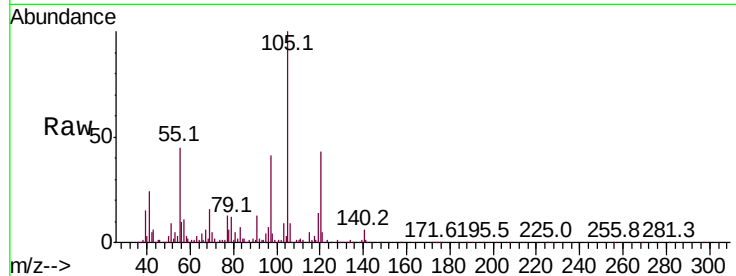




#65
 tert-Butylbenzene
 Concen: 0.124 ppbv
 RT: 16.76 min Scan# 4346
 Delta R.T. 0.04 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

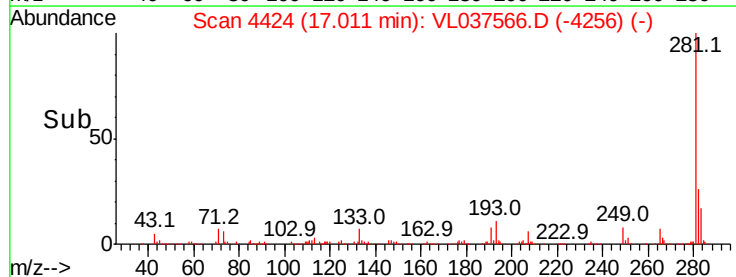
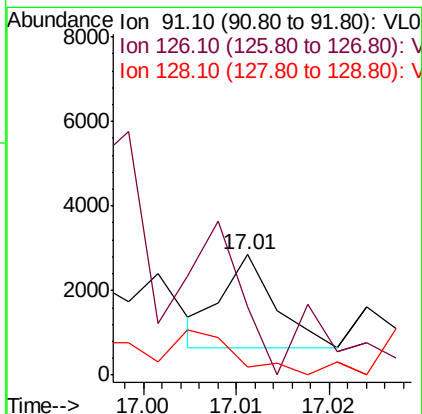
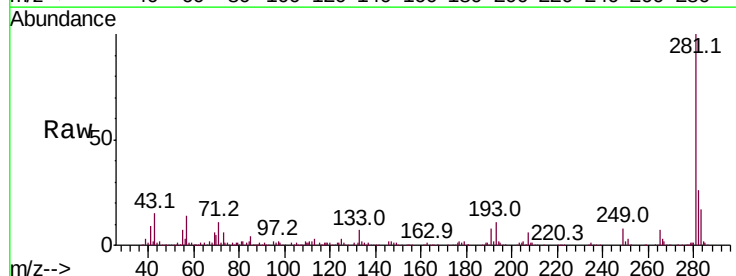
Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL

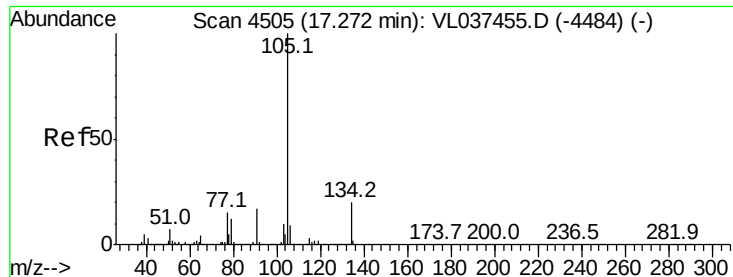
Tot Ion: 119 Resp: 79558
 Ion Ratio Lower Upper
 119 100
 91 86.8 62.9 94.3
 134 5.4 16.4 24.6#



#66
 Benzyl Chloride
 Concen: 0.030 ppbv
 RT: 17.01 min Scan# 4424
 Delta R.T. 0.04 min
 Lab File: VL037566.D
 Acq: 8 Sep 2021 11:09

Tgt Ion: 91 Resp: 879
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.9 23.9#
 128 0.0 5.4 8.0#





#67

sec-Butylbenzene

Concen: 0.048 ppbv

RT: 17.30 min Scan# 4513

Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

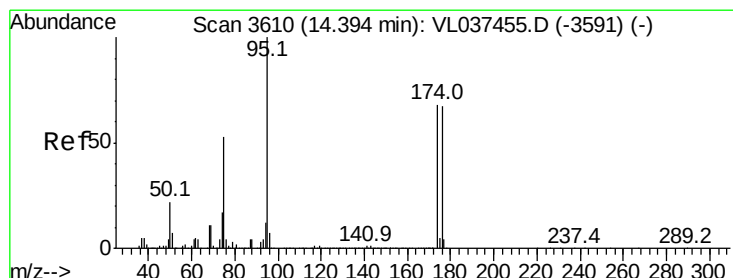
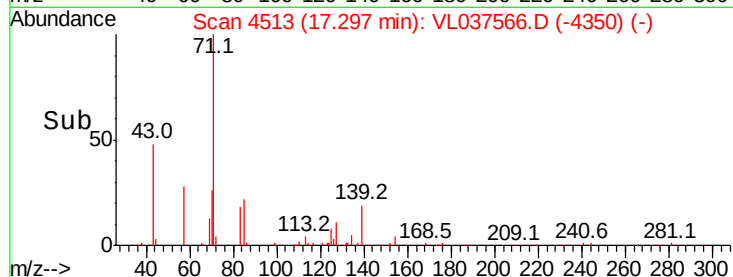
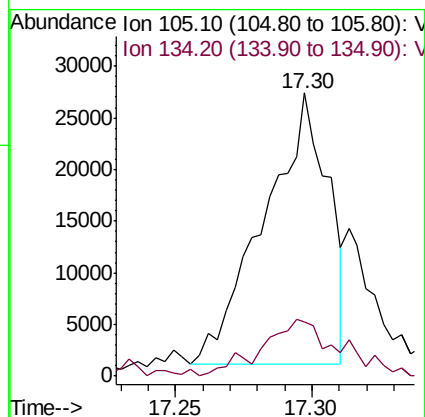
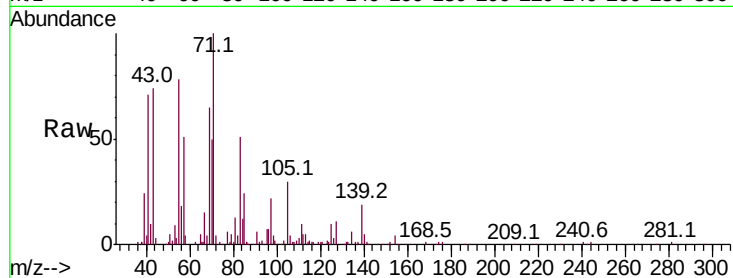
SV-1DL

Tot Ion:105 Resp: 42965

Ion Ratio Lower Upper

105 100

134 28.4 15.2 22.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.521 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

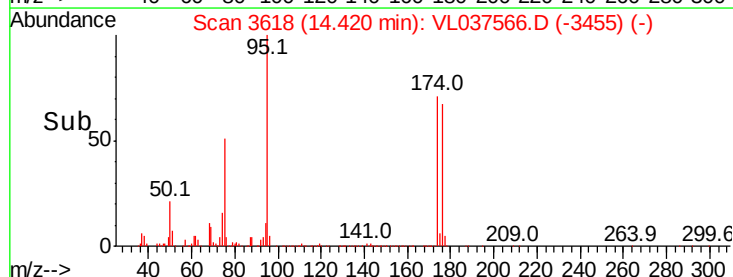
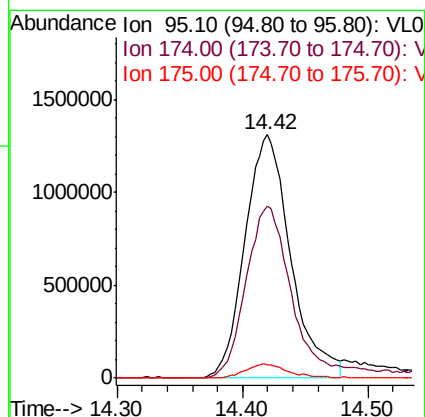
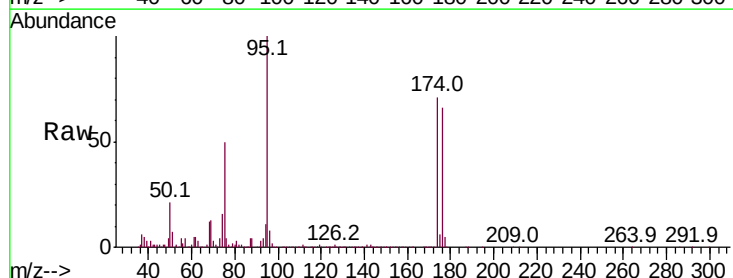
Tgt Ion: 95 Resp: 3324961

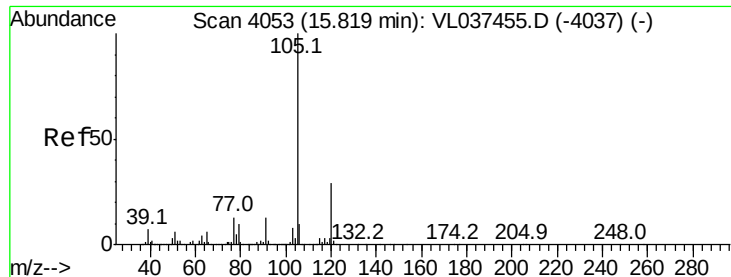
Ion Ratio Lower Upper

95 100

174 76.7 59.6 89.4

175 5.6 4.6 7.0





#72

4-Ethyltoluene

Concen: 0.321 ppbv

RT: 15.84 min Scan# 4059

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

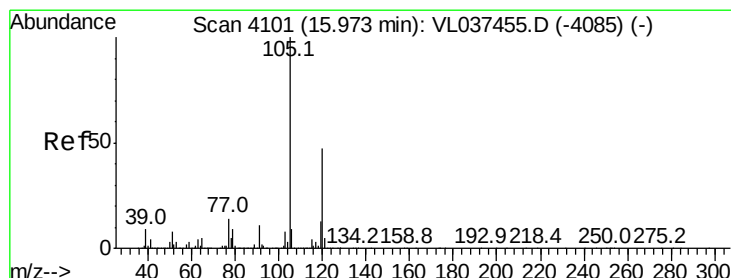
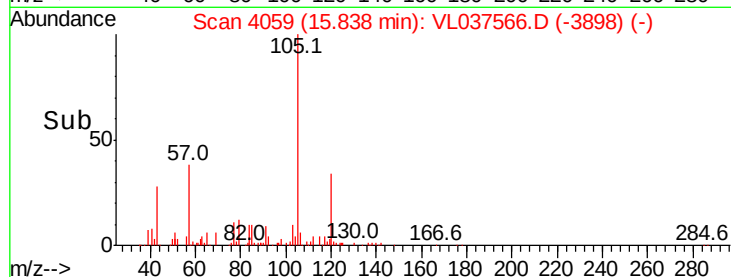
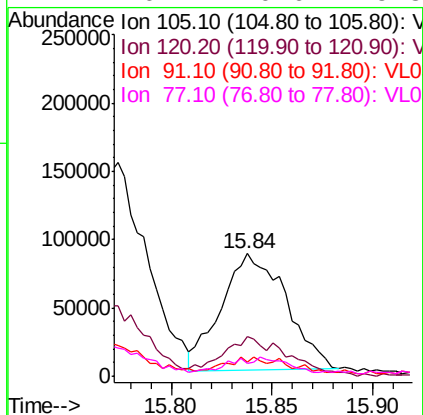
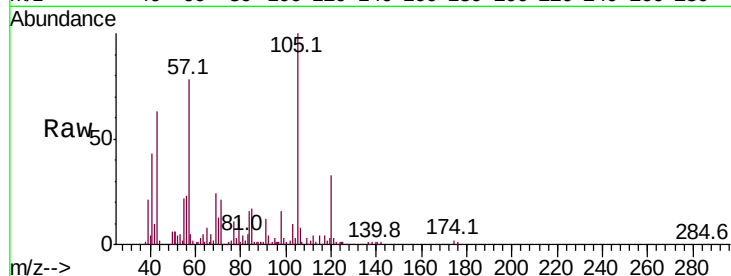
Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tot Ion:	105	Resp:	190855
Ion	Ratio	Lower	Upper
105	100		
120	34.4	24.7	37.1
91	14.5	9.8	14.8
77	16.4	10.6	15.8#



#73

1,3,5-Trimethylbenzene

Concen: 0.225 ppbv

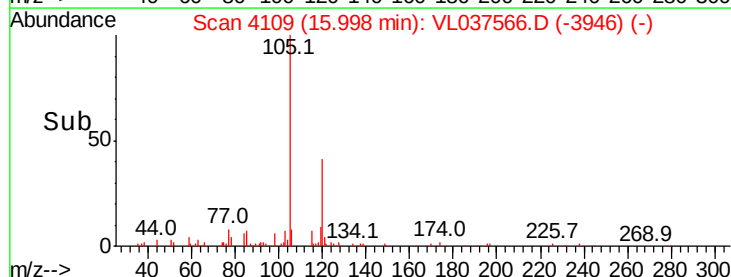
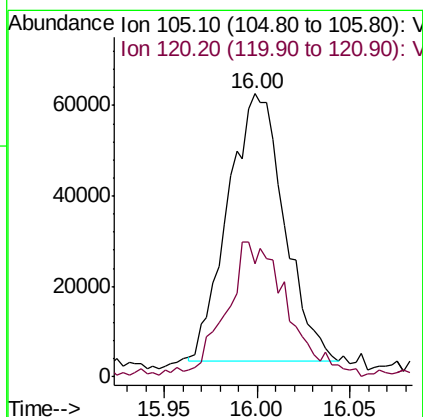
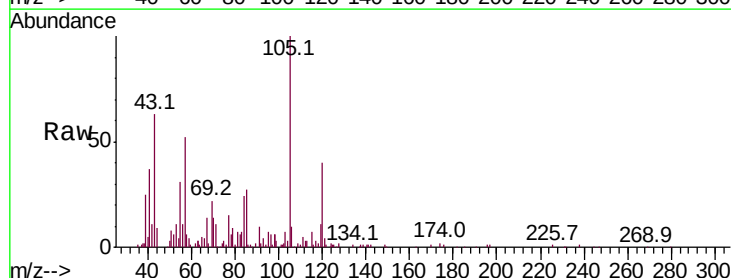
RT: 16.00 min Scan# 4109

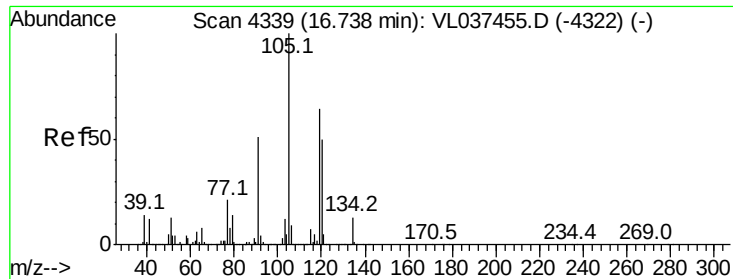
Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Tgt Ion:	105	Resp:	124518
Ion	Ratio	Lower	Upper
105	100		
120	39.8	37.6	56.4





#74

1,2,4-Trimethylbenzene

Concen: 0.905 ppbv

RT: 16.76 min Scan# 4346

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

Tot Ion:105 Resp: 531989

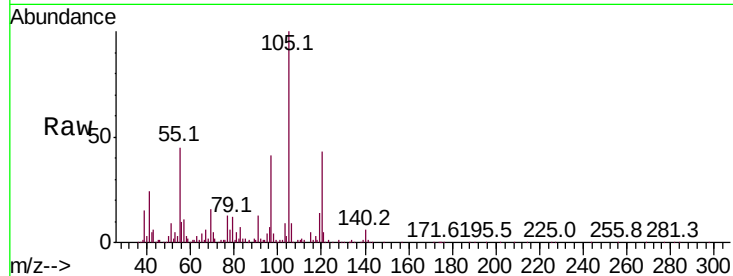
Ion Ratio Lower Upper

105 100

120 42.9 40.4 60.6

91 12.5 44.6 67.0#

77 11.4 17.8 26.6#

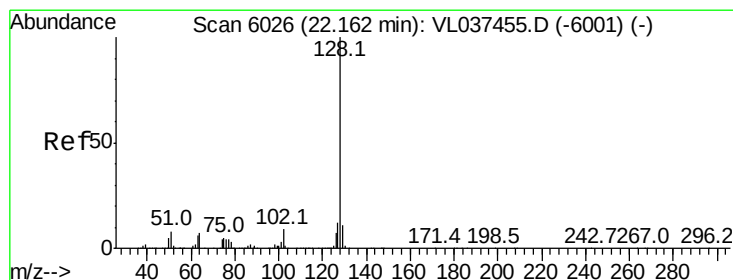
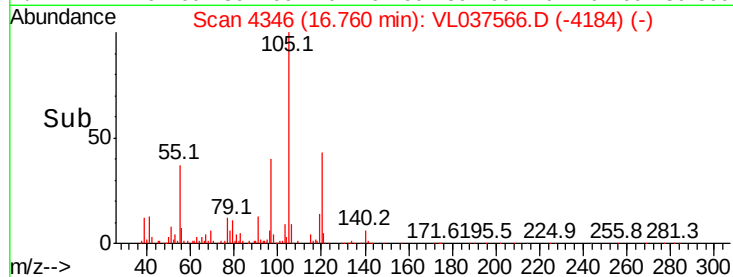
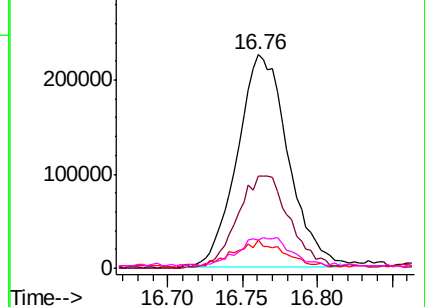


Abundance Ion 105.10 (104.80 to 105.80): V

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



#79

Naphthalene

Concen: 0.094 ppbv

RT: 22.19 min Scan# 6036

Delta R.T. 0.03 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

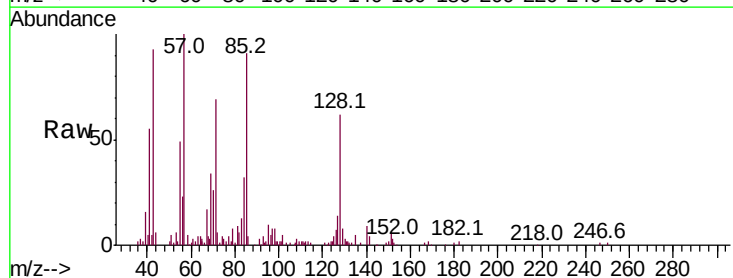
Tgt Ion:128 Resp: 36974

Ion Ratio Lower Upper

128 100

127 13.5 9.4 14.2

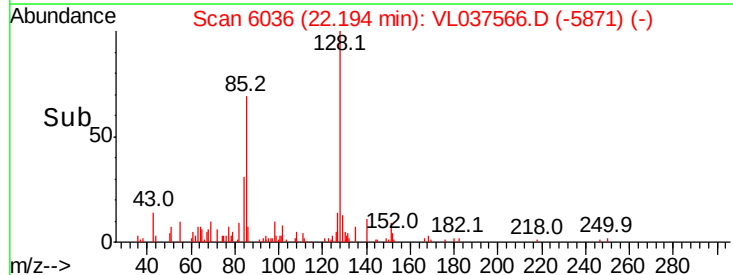
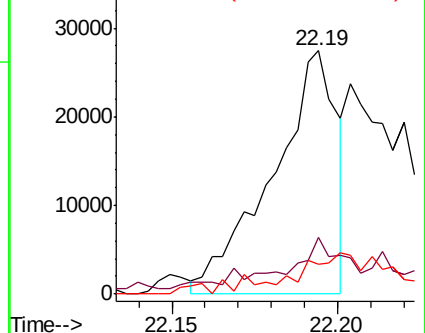
129 9.3 8.8 13.2

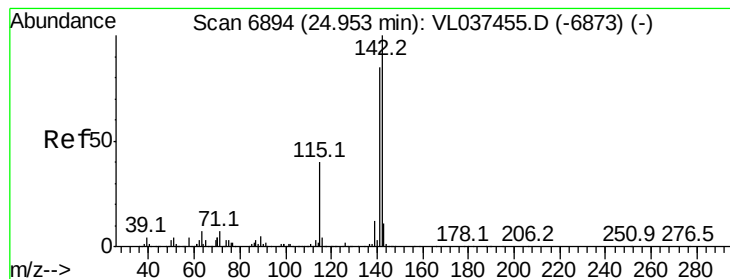


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80

Naphthalene, 2-methyl-

Concen: 0.144 ppbv

RT: 24.97 min Scan# 6899

Delta R.T. 0.02 min

Lab File: VL037566.D

Acq: 8 Sep 2021 11:09

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL

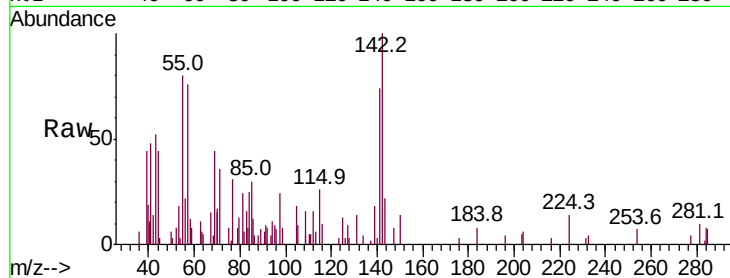
Tot Ion:142 Resp: 15761

Ion Ratio Lower Upper

142 100

141 80.9 64.7 97.1

115 40.1 28.4 42.6



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

