

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036741.D
 Acq On : 8 Apr 2021 00:40
 Operator : SY/AP
 Sample : M1929-09
 Misc : 400mL/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03

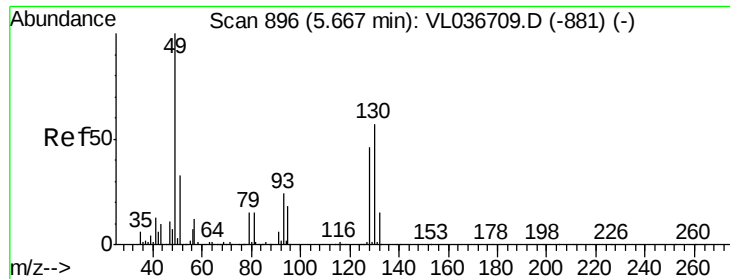
Quant Time: Apr 08 02:44:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 01:58:43 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1277394	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3038542	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2727323	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2112172	9.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	79244	0.332	ppbv #	88
4) Chloromethane	3.13	50	35715	0.424	ppbv	100
9) Propene	3.01	41	151418	1.990	ppbv	87
10) Heptane	8.11	43	36890	0.190	ppbv #	64
11) Trichlorofluoromethane	3.95	101	39900	0.188	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4105	0.030	ppbv #	11
13) Ethanol	3.61	45	207442	22.895	ppbv	93
15) Acetone	3.84	43	1442896	11.477	ppbv	93
16) 1,3-Butadiene	3.32	39	6762	0.077	ppbv #	1
19) Isopropyl Alcohol	3.98	45	750099	10.846	ppbv #	97
20) Methylene Chloride	4.34	84	500484	8.502	ppbv	94
23) Vinyl Acetate	5.05	43	47084	0.219	ppbv #	17
25) Ethyl Acetate	5.68	43	282170	0.944	ppbv #	85
26) Hexane	5.68	57	390899	2.818	ppbv #	47
29) Chloroform	5.74	83	10919	0.049	ppbv	95
30) Cyclohexane	7.12	84	9669	0.086	ppbv #	1
34) 2-Butanone	5.24	43	180511	1.217	ppbv	95
36) Benzene	6.91	78	11982	0.043	ppbv	95
37) 1,2-Dichloroethane	6.29	62	11209	0.068	ppbv #	79
39) 1,2-Dichloropropane	7.17	63	813474	7.156	ppbv #	24
41) Tetrahydrofuran	6.04	42	3723	0.054	ppbv #	41
44) 2,2,4-Trimethylpentane	7.86	57	94289	0.191	ppbv #	42
52) Tetrachloroethene	11.23	164	8172	0.079	ppbv	96
53) Toluene	9.80	91	2999774	10.052	ppbv	100
58) Ethyl Benzene	12.71	91	144589	0.364	ppbv	94
59) m/p-Xylene	12.96	91	549795	1.589	ppbv	94
60) o-Xylene	13.68	91	145041	0.433	ppbv #	31
61) Styrene	13.52	104	5981	0.036	ppbv #	28
64) n-propylbenzene	15.56	120	5514	0.050	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.99	105	26536	0.078	ppbv #	82
74) 1,2,4-Trimethylbenzene	16.77	105	164434	0.449	ppbv #	65
76) 1,4-Dichlorobenzene	17.13	146	6571	0.032	ppbv #	22
79) Naphthalene	22.19	128	12354	0.058	ppbv #	91
80) Naphthalene,2-methyl-	25.05	142	1510	0.036	ppbv	91

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036741.D

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FS-IA-03

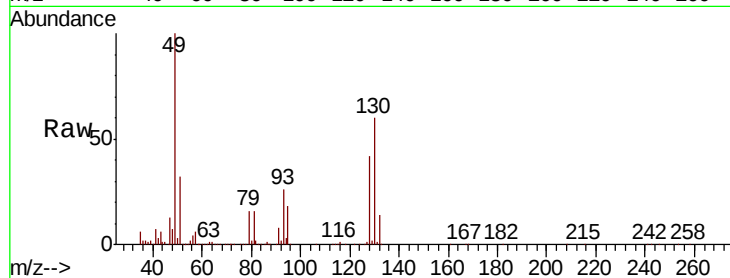
Tot Ion: 49 Resp: 1277394

Ion Ratio Lower Upper

49 100

128 45.2 23.5 70.6

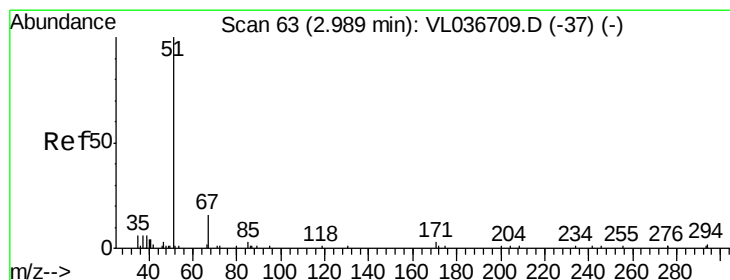
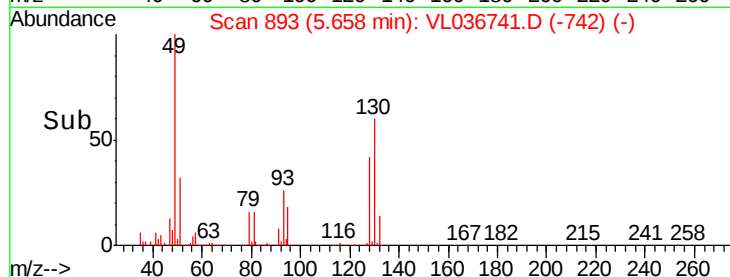
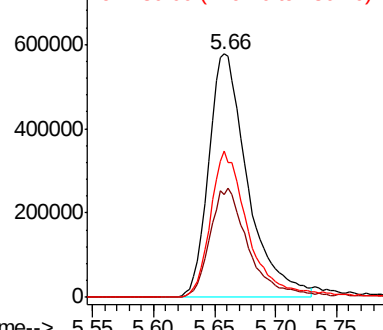
130 59.7 29.1 87.4



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



#3

Chlorodifluoromethane

Concen: 0.332 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL036741.D

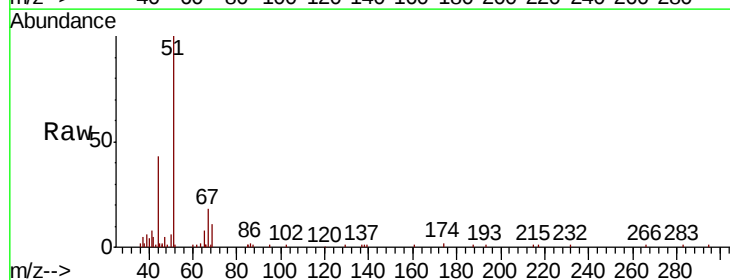
Acq: 8 Apr 2021 00:40

Tgt Ion: 51 Resp: 79244

Ion Ratio Lower Upper

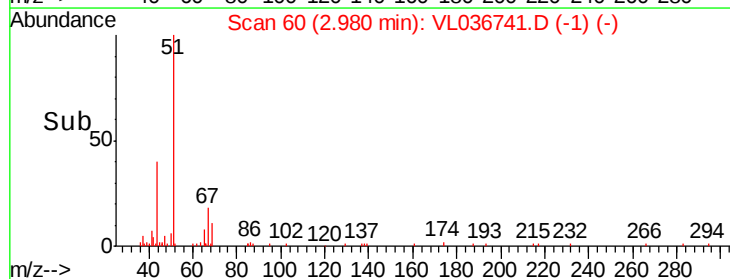
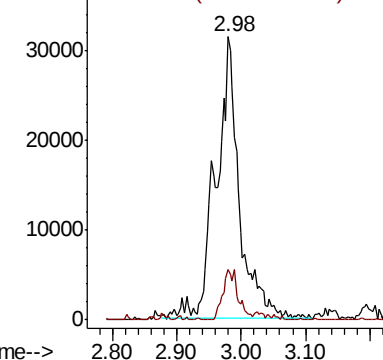
51 100

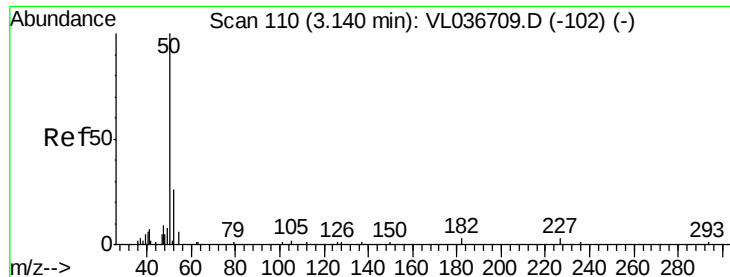
67 13.0 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.424 ppbv

RT: 3.13 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

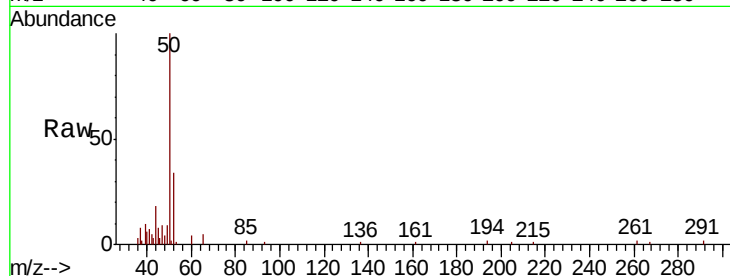
FS-IA-03

Tot Ion: 50 Resp: 35715

Ion Ratio Lower Upper

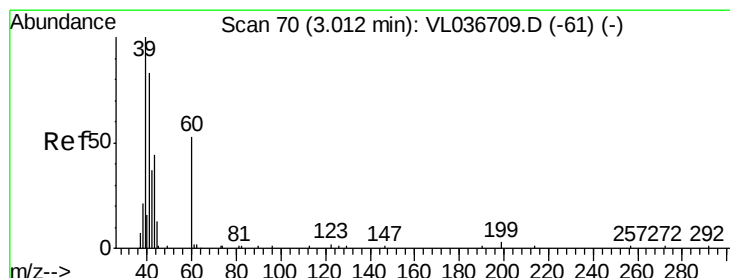
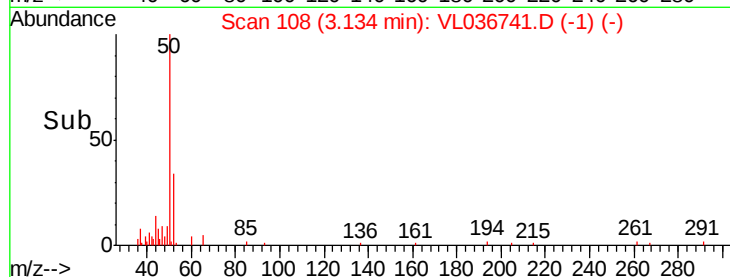
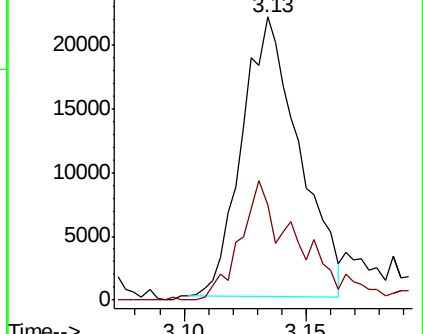
50 100

52 34.0 27.0 40.6



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 1.990 ppbv

RT: 3.01 min Scan# 68

Delta R.T. -0.00 min

Lab File: VL036741.D

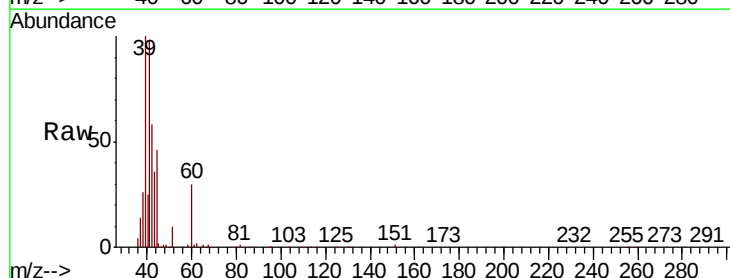
Acq: 8 Apr 2021 00:40

Tgt Ion: 41 Resp: 151418

Ion Ratio Lower Upper

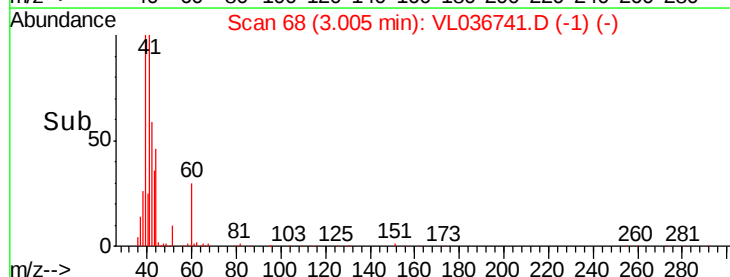
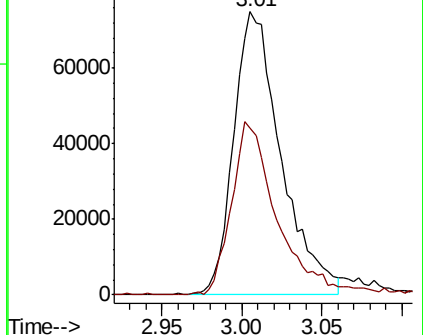
41 100

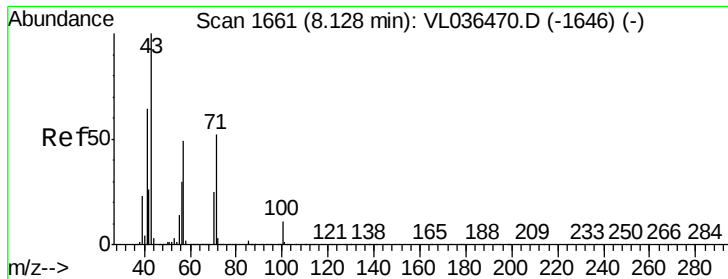
42 60.1 57.0 85.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.190 ppbv

RT: 8.11 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

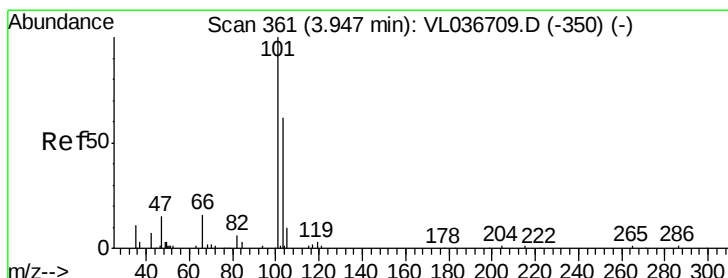
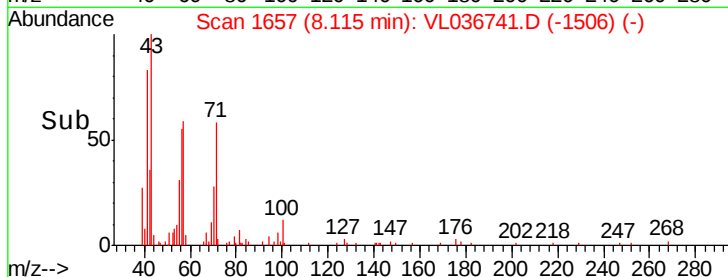
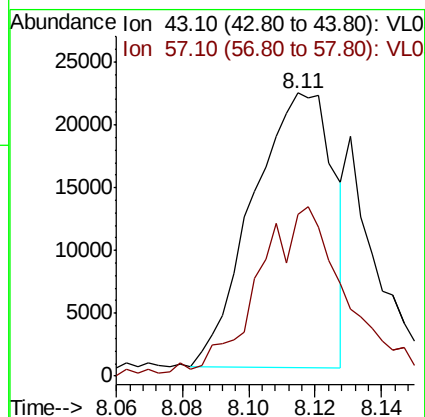
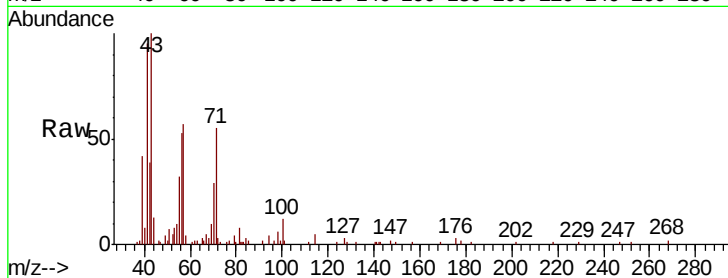
FS-IA-03

Tot Ion: 43 Resp: 36890

Ion Ratio Lower Upper

43 100

57 73.3 39.0 58.6#



#11

Trichlorofluoromethane

Concen: 0.188 ppbv

RT: 3.95 min Scan# 361

Delta R.T. -0.00 min

Lab File: VL036741.D

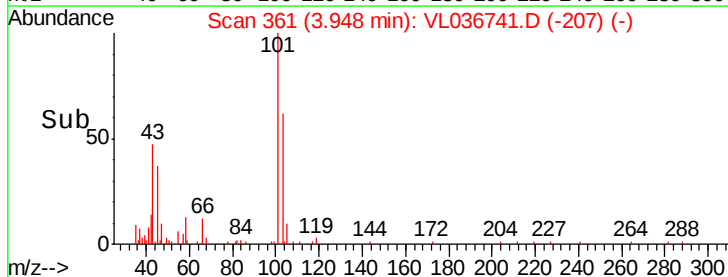
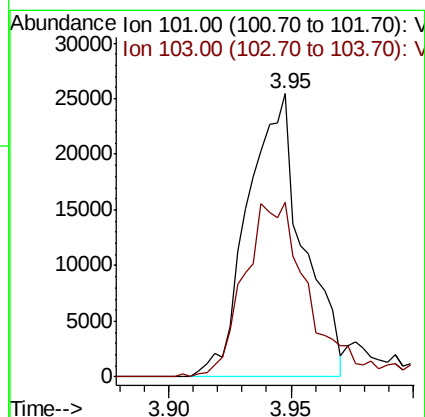
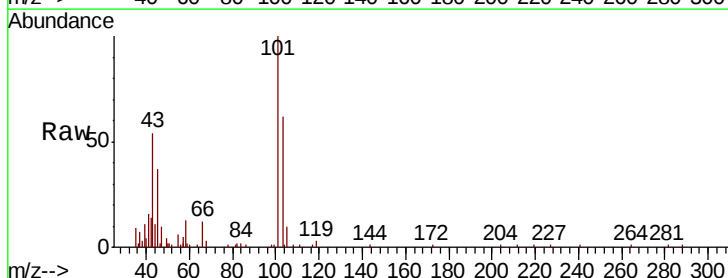
Acq: 8 Apr 2021 00:40

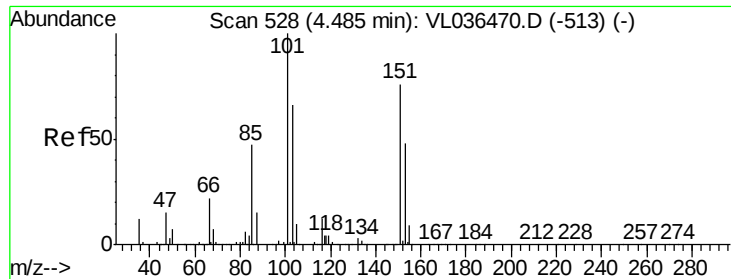
Tgt Ion:101 Resp: 39900

Ion Ratio Lower Upper

101 100

103 61.7 52.5 78.7





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.030 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

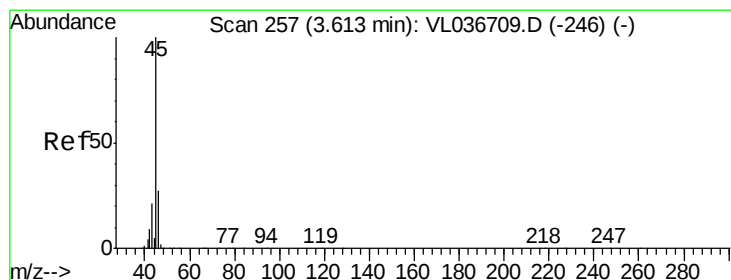
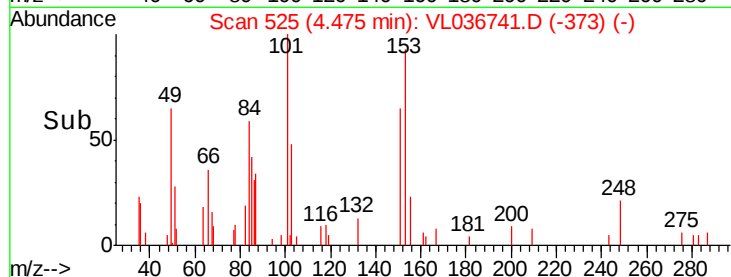
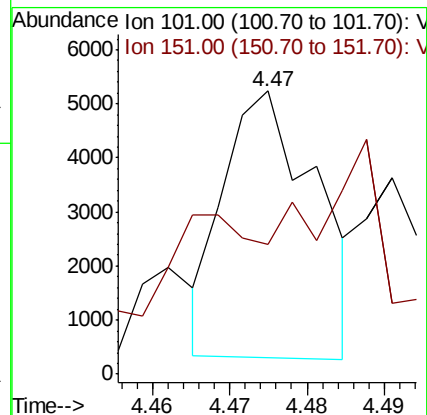
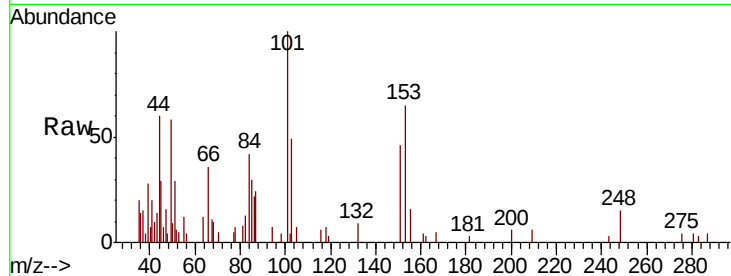
FS-IA-03

Tot Ion:101 Resp: 4105

Ion Ratio Lower Upper

101 100

151 0.0 60.9 91.3#



#13

Ethanol

Concen: 22.895 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL036741.D

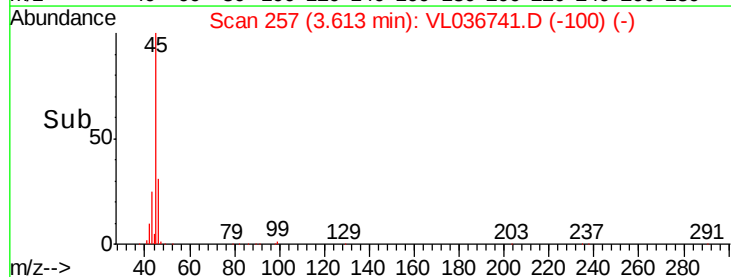
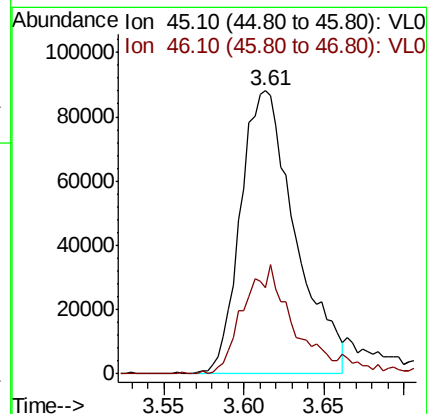
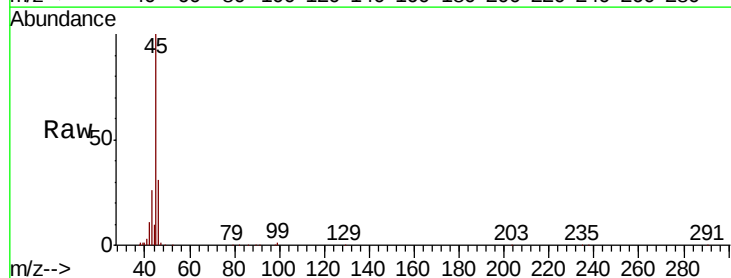
Acq: 8 Apr 2021 00:40

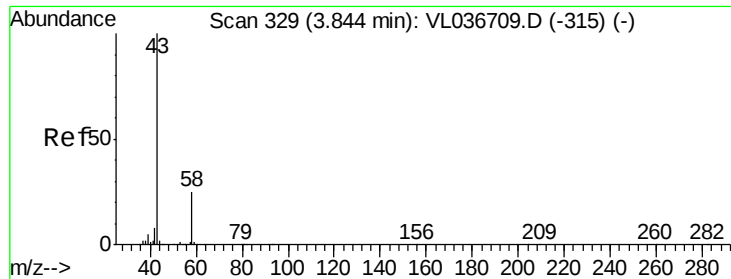
Tgt Ion: 45 Resp: 207442

Ion Ratio Lower Upper

45 100

46 37.0 16.6 66.2

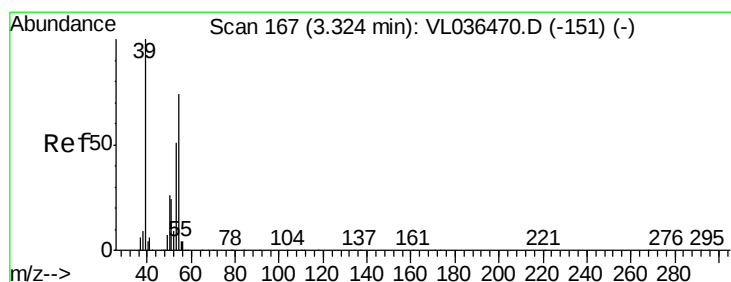
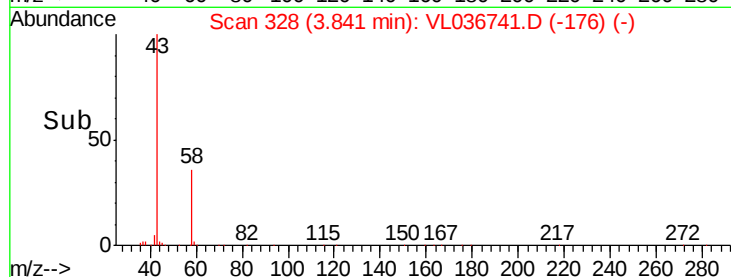
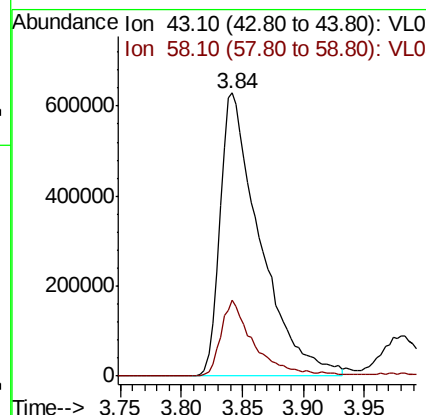
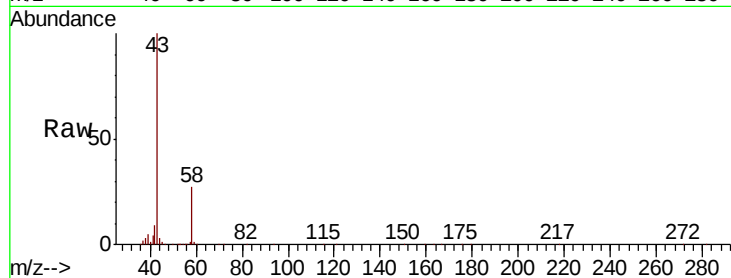




#15
Acetone
Concen: 11.477 ppbv
RT: 3.84 min Scan# 328
Delta R.T. -0.01 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

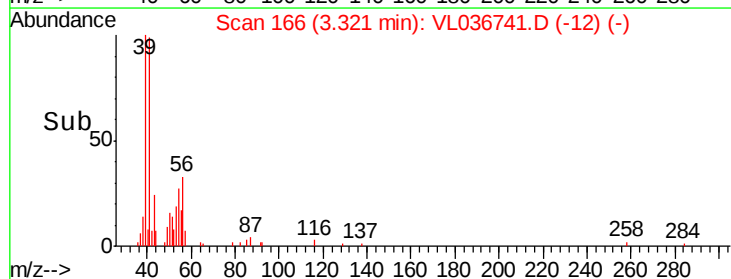
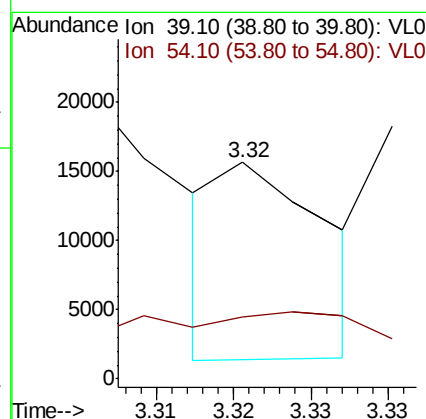
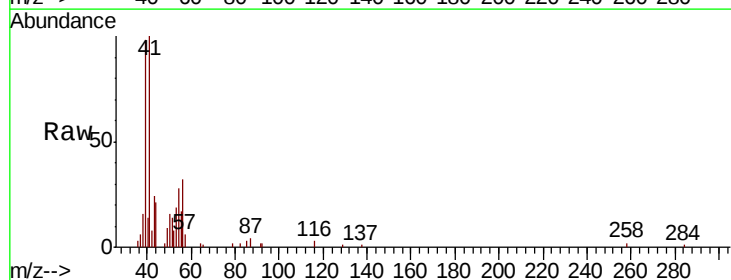
Instrument :
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ClientSampleId :
FS-IA-03

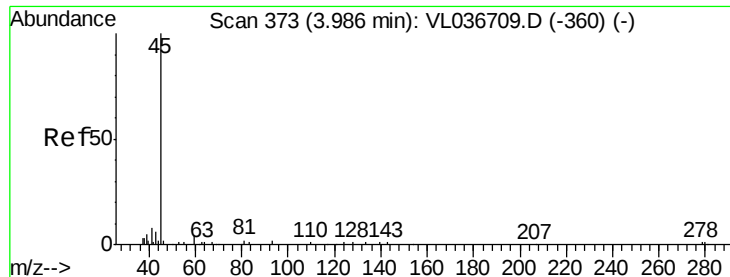
Tot Ion: 43 Resp: 1442896
Ion Ratio Lower Upper
43 100
58 22.8 21.2 31.8



#16
1,3-Butadiene
Concen: 0.077 ppbv
RT: 3.32 min Scan# 166
Delta R.T. -0.00 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

Tgt Ion: 39 Resp: 6762
Ion Ratio Lower Upper
39 100
54 179.8 58.8 88.2#



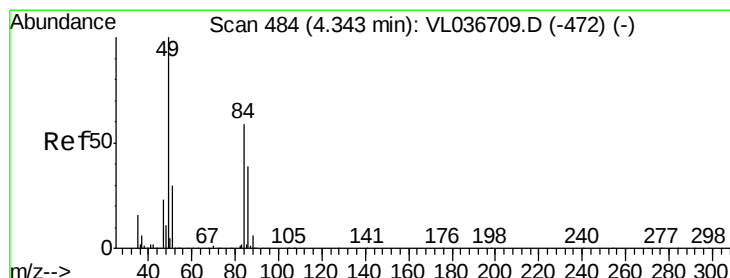
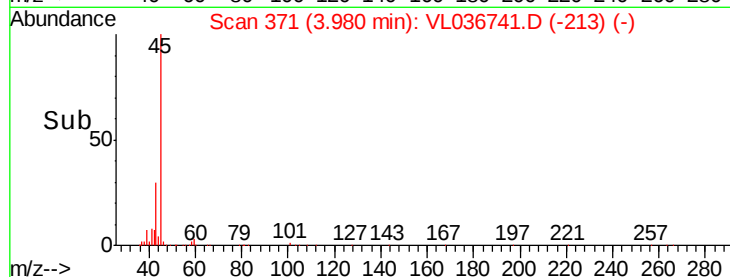
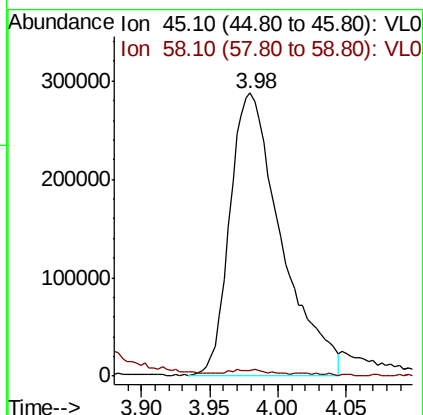
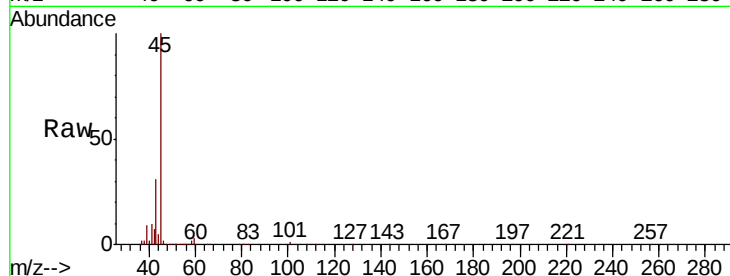


#19

Isopropyl Alcohol
 Concen: 10.846 ppbv
 RT: 3.98 min Scan# 371
 Delta R.T. 0.01 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03

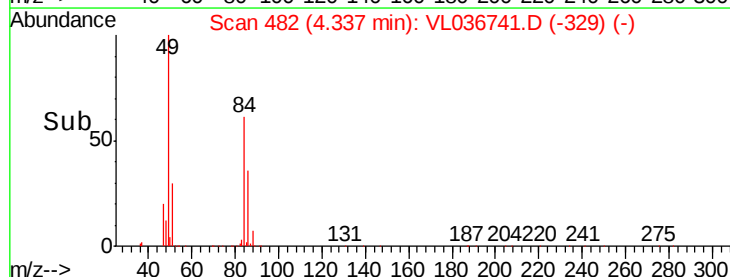
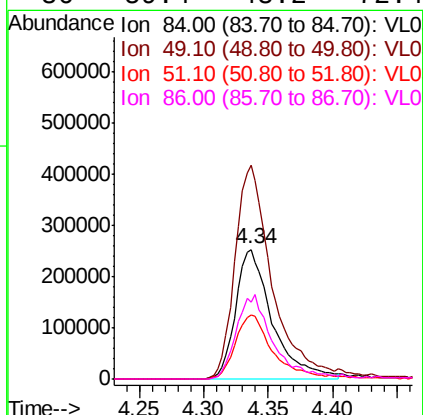
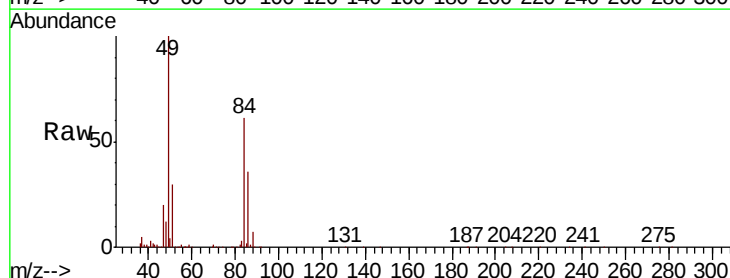
Tot Ion: 45 Resp: 750099
 Ion Ratio Lower Upper
 45 100
 58 2.5 2.9 4.3#

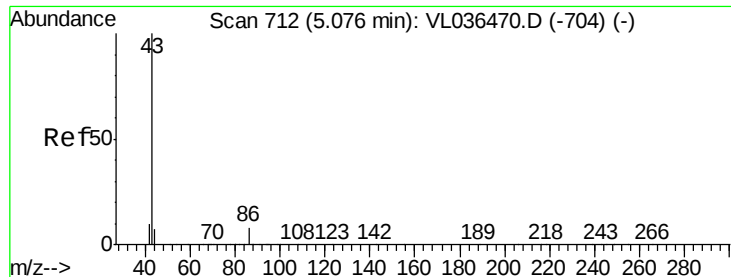


#20

Methylene Chloride
 Concen: 8.502 ppbv
 RT: 4.34 min Scan# 482
 Delta R.T. -0.01 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

Tgt Ion: 84 Resp: 500484
 Ion Ratio Lower Upper
 84 100
 49 164.9 122.9 184.3
 51 49.6 36.9 55.3
 86 59.4 48.2 72.4





#23

Vinyl Acetate

Concen: 0.219 ppbv

RT: 5.05 min Scan# 704

Delta R.T. -0.03 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

Tot Ion: 43 Resp: 47084

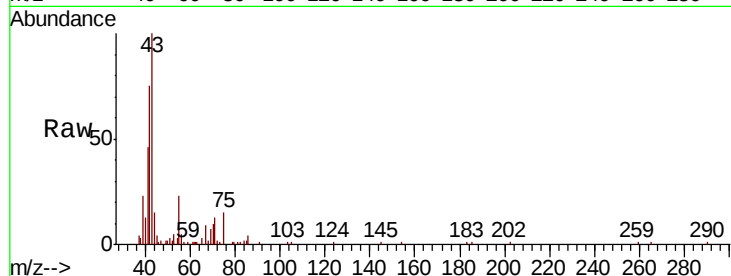
Ion Ratio Lower Upper

43 100

86 4.6 5.4 8.0#

42 76.6 8.5 12.7#

44 6.5 4.6 7.0

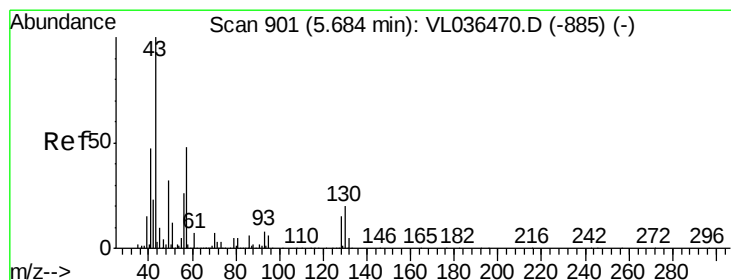
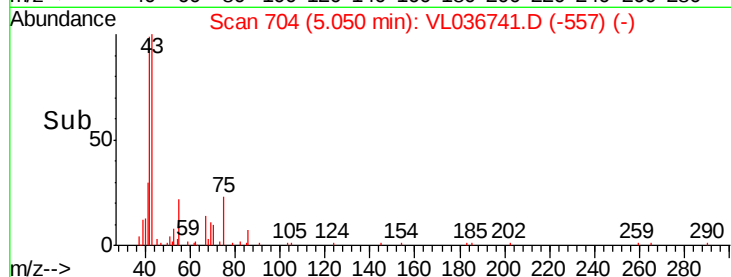
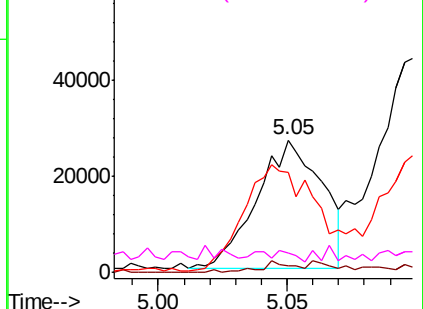


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 0.944 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Tgt Ion: 43 Resp: 282170

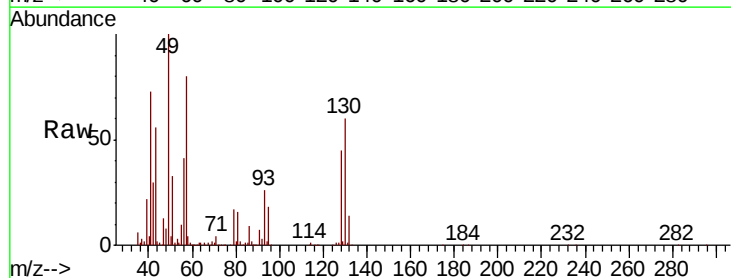
Ion Ratio Lower Upper

43 100

45 6.6 7.9 11.9#

61 0.9 7.4 11.2#

70 2.1 5.1 7.7#

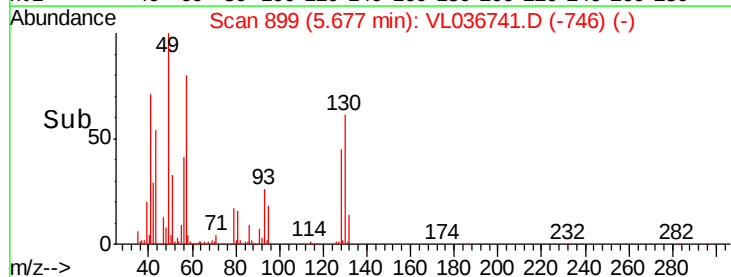
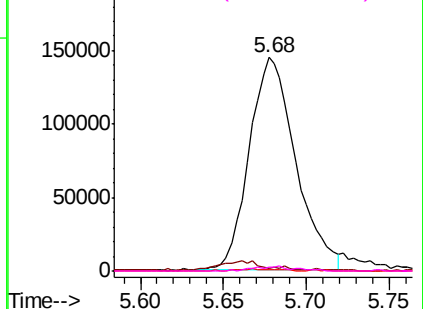


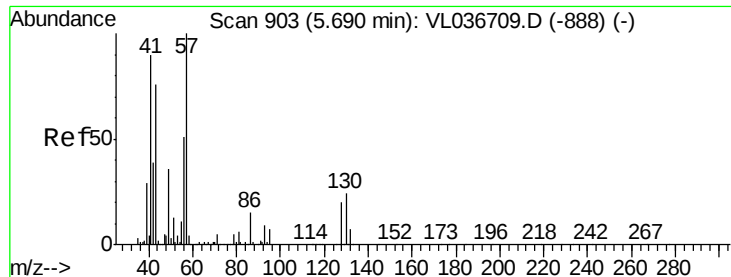
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 70.10 (69.80 to 70.80): VL0

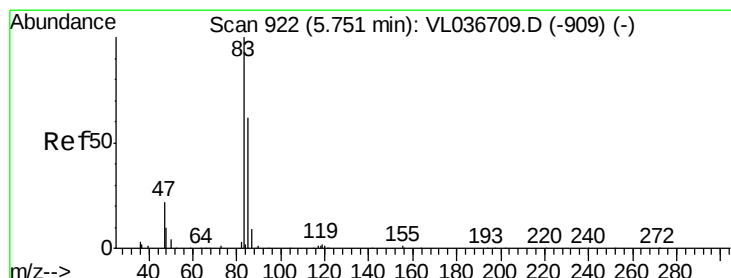
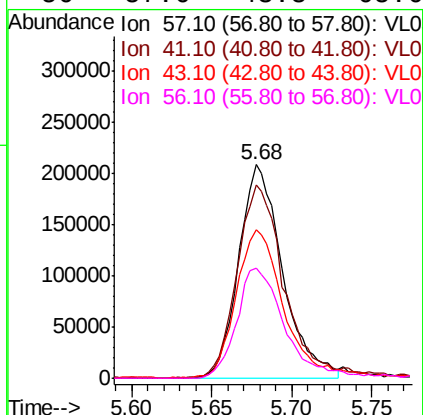
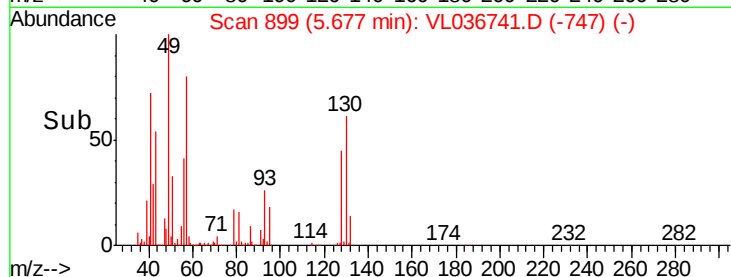
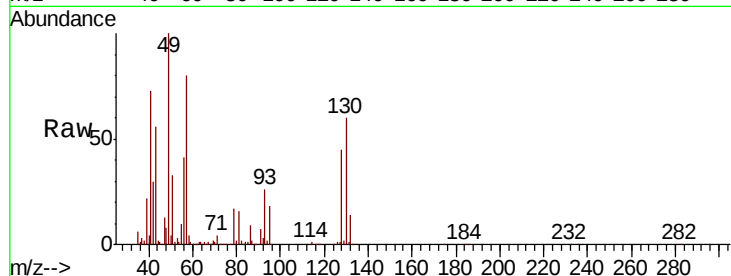




#26
Hexane
Concen: 2.818 ppbv
RT: 5.68 min Scan# 899
Delta R.T. -0.01 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

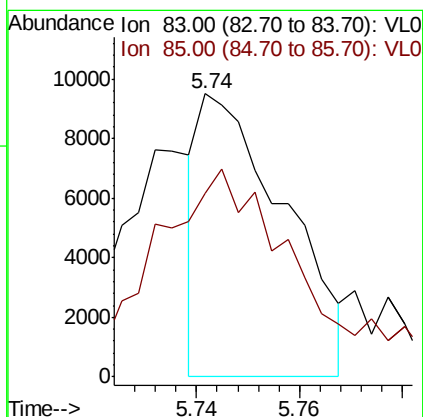
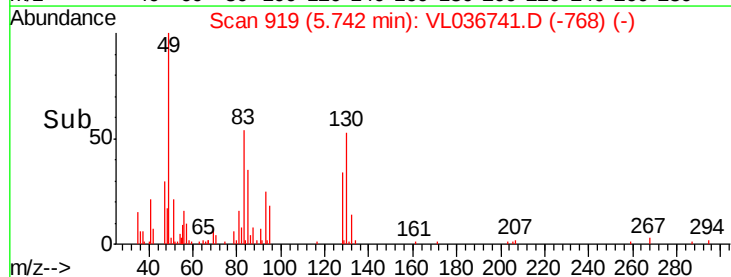
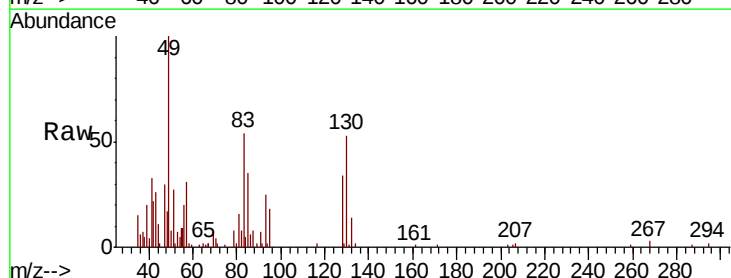
Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03

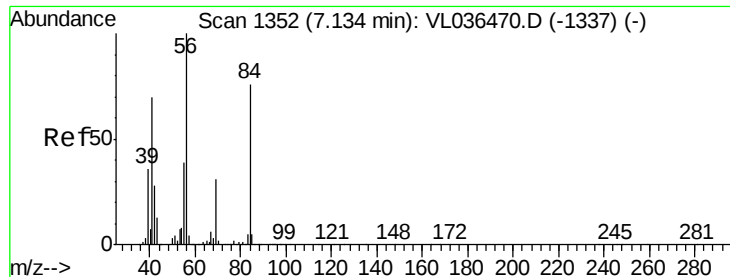
Tot Ion: 57 Resp: 390899
Ion Ratio Lower Upper
57 100
41 99.0 77.2 115.8
43 76.3 173.8 260.6#
56 57.6 43.8 65.6



#29
Chloroform
Concen: 0.049 ppbv
RT: 5.74 min Scan# 919
Delta R.T. -0.01 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

Tgt Ion: 83 Resp: 10919
Ion Ratio Lower Upper
83 100
85 62.1 52.6 78.8

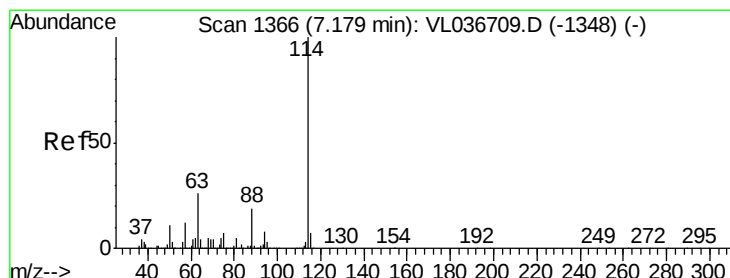
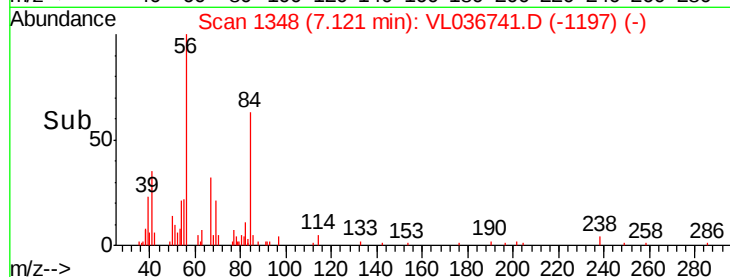
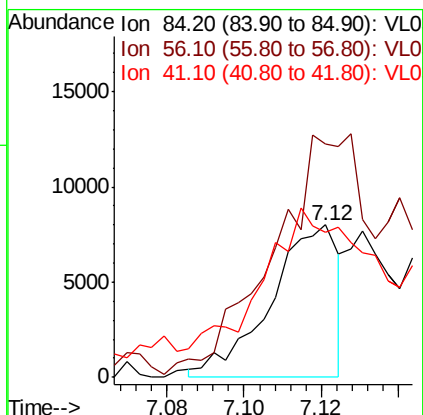
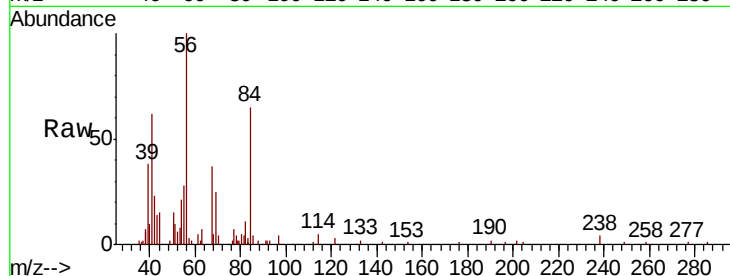




#30
Cvclohexane
Concen: 0.086 ppbv
RT: 7.12 min Scan# 1348
Delta R.T. -0.01 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

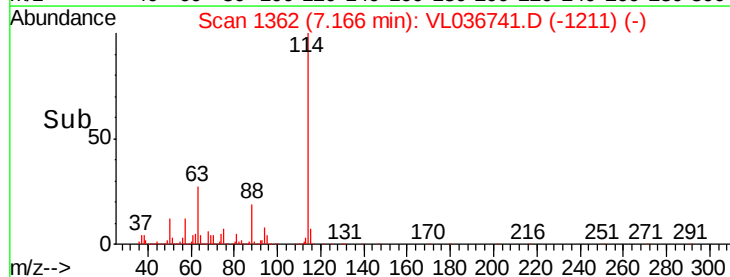
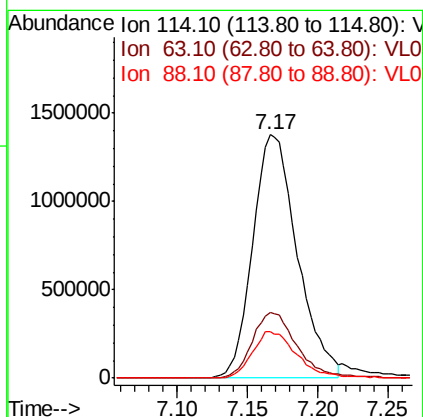
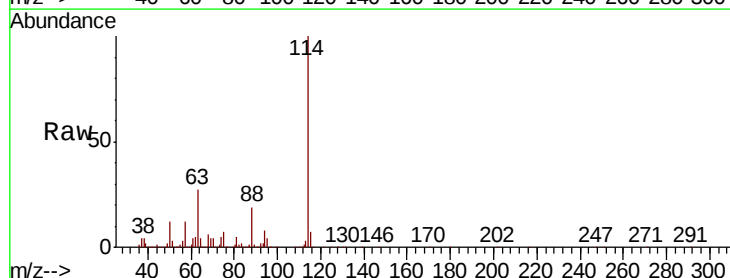
Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03

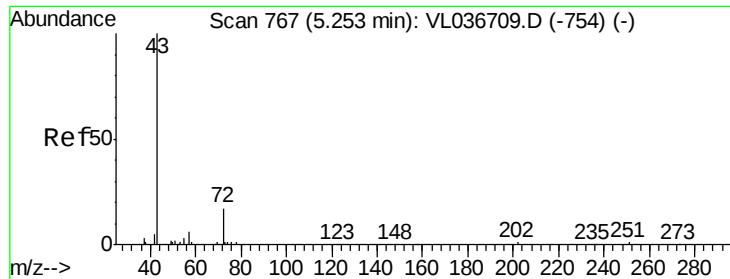
Tot Ion: 84 Resp: 9669
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 226.7 75.3 112.9#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036741.D
Acq: 8 Apr 2021 00:40

Tgt Ion: 114 Resp: 3038542
Ion Ratio Lower Upper
114 100
63 27.7 22.4 33.6
88 19.5 15.4 23.0

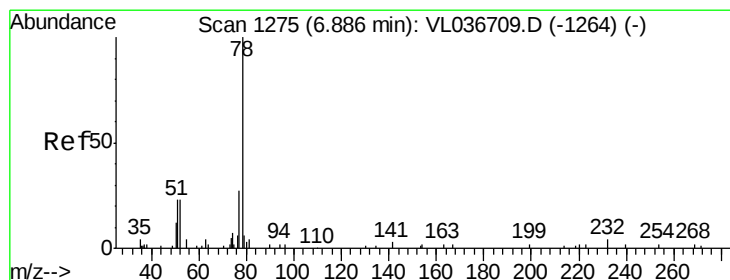
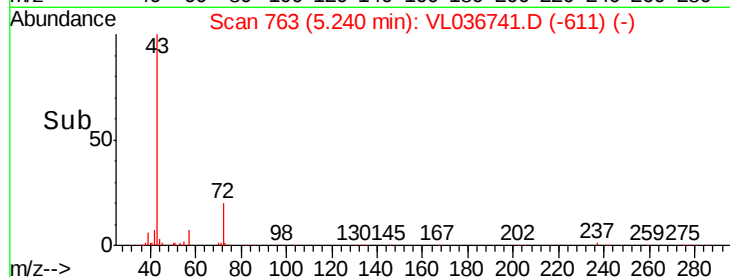
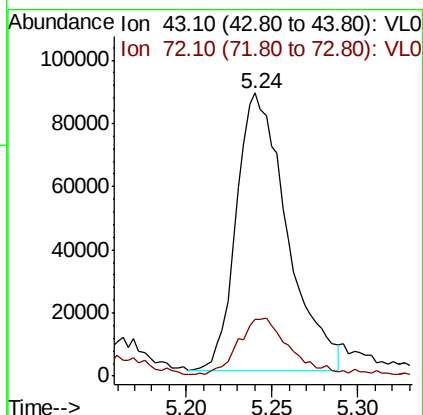
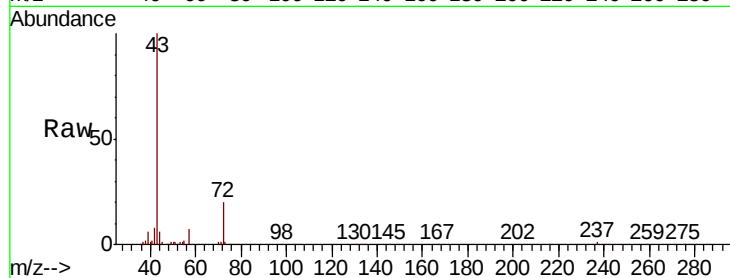




#34
 2-Butanone
 Concen: 1.217 ppbv
 RT: 5.24 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

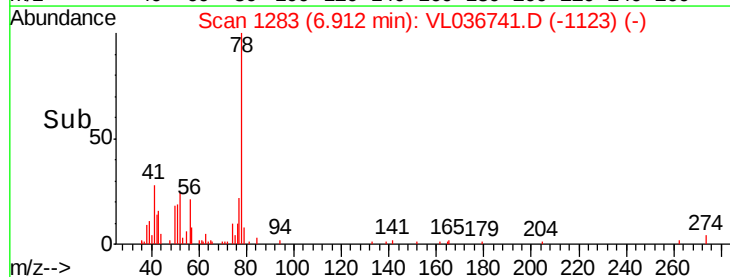
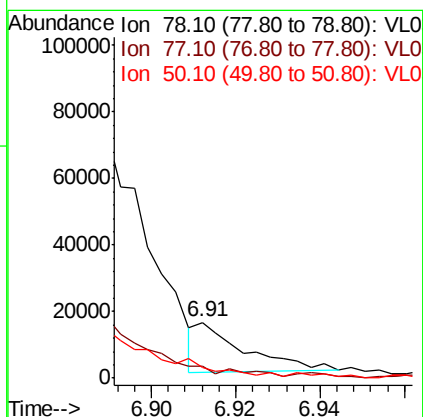
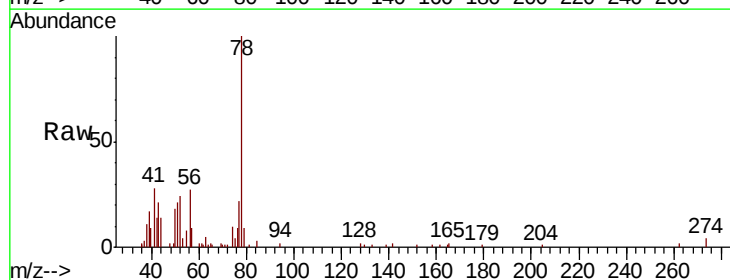
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03

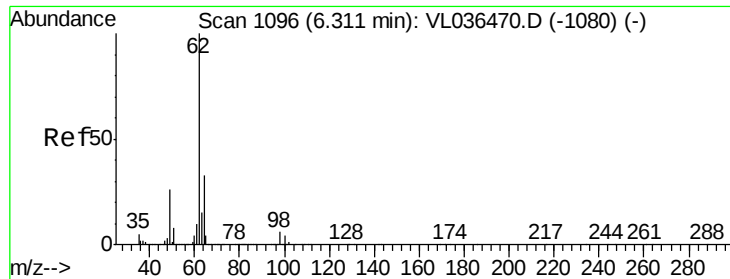
Tot Ion: 43 Resp: 180511
 Ion Ratio Lower Upper
 43 100
 72 23.4 17.0 25.6



#36
 Benzene
 Concen: 0.043 ppbv
 RT: 6.91 min Scan# 1283
 Delta R.T. 0.02 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

Tgt Ion: 78 Resp: 11982
 Ion Ratio Lower Upper
 78 100
 77 21.6 18.0 27.0
 50 16.7 16.5 24.7

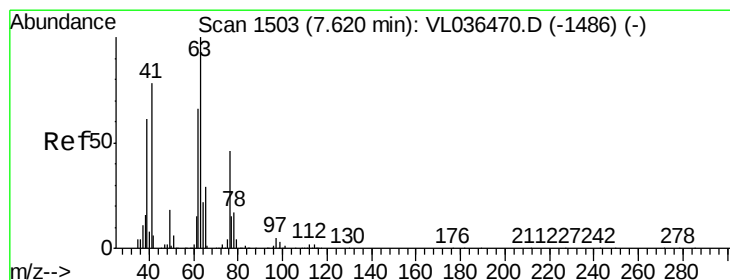
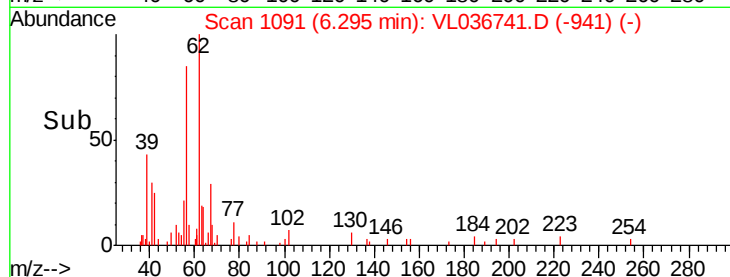
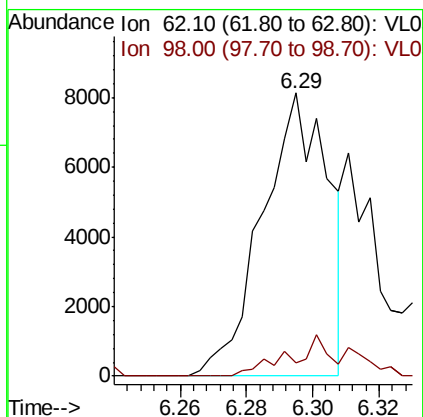
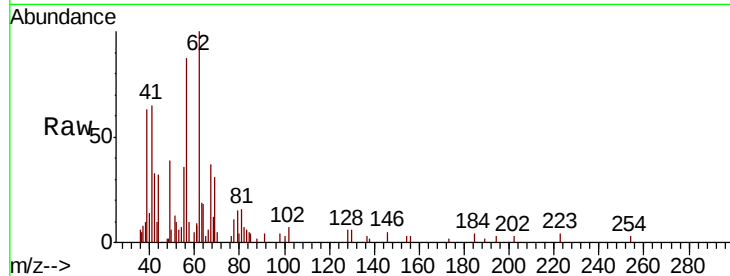




#37
 1,2-Dichloroethane
 Concen: 0.068 ppbv
 RT: 6.29 min Scan# 1091
 Delta R.T. -0.02 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

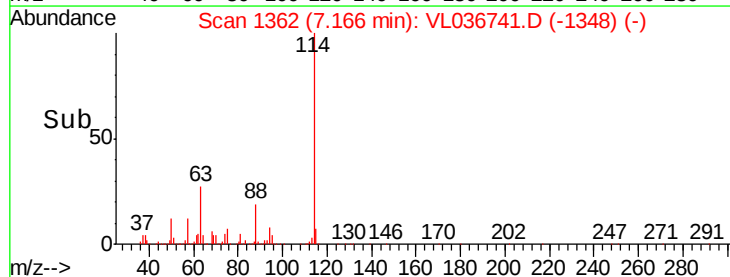
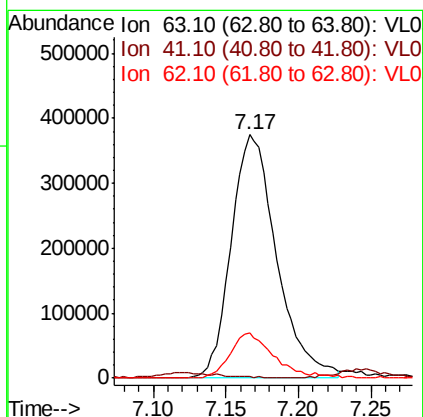
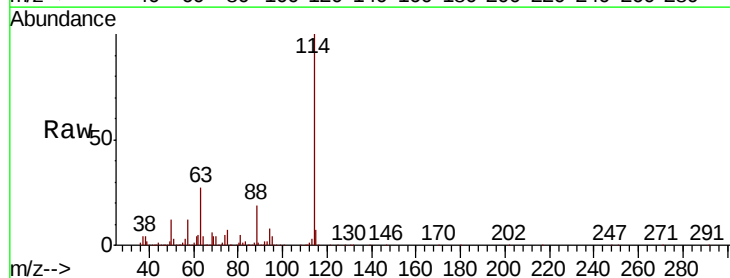
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03

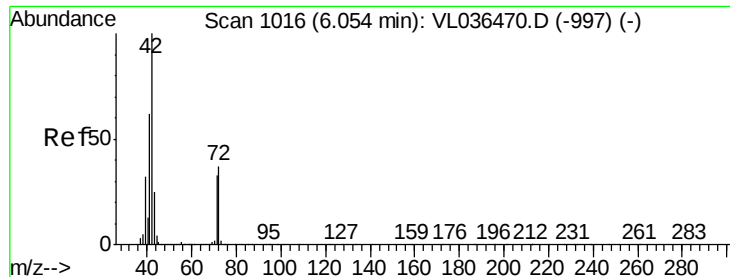
Tot Ion: 62 Resp: 11209
 Ion Ratio Lower Upper
 62 100
 98 13.2 4.9 7.3#



#39
 1,2-Dichloropropane
 Concen: 7.156 ppbv
 RT: 7.17 min Scan# 1362
 Delta R.T. -0.45 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

Tgt Ion: 63 Resp: 813474
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 18.8 52.8 79.2#





#41

Tetrahydrofuran

Concen: 0.054 ppbv

RT: 6.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

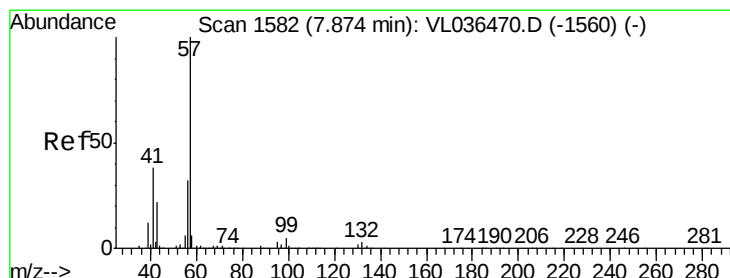
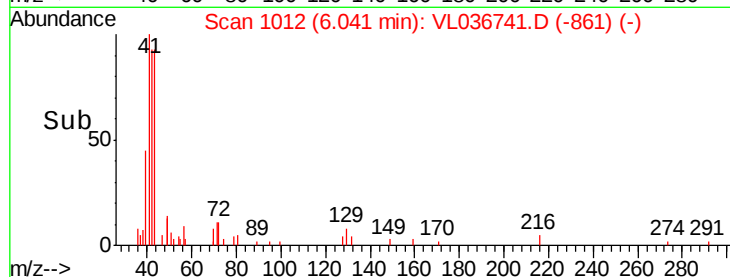
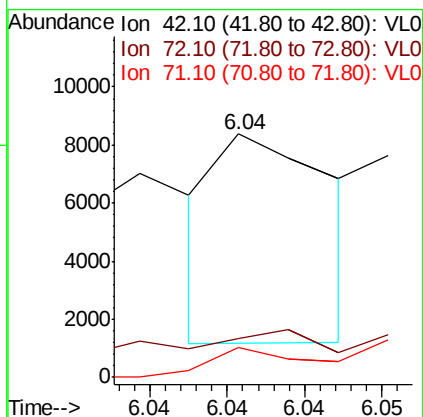
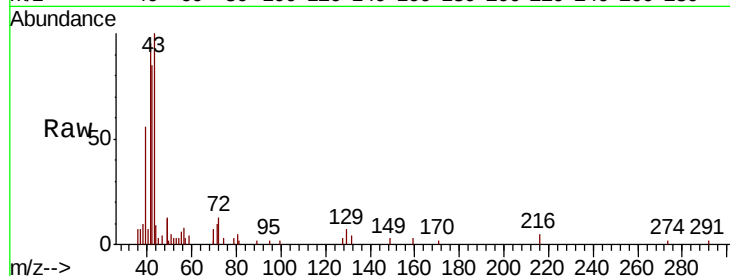
Tot Ion: 42 Resp: 3723

Ion Ratio Lower Upper

42 100

72 0.0 27.6 41.4#

71 0.0 27.0 40.4#



#44

2,2,4-Trimethylpentane

Concen: 0.191 ppbv

RT: 7.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

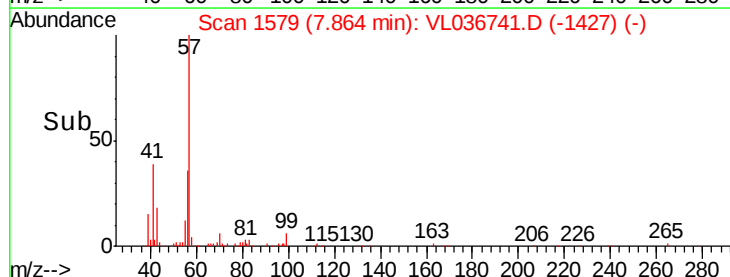
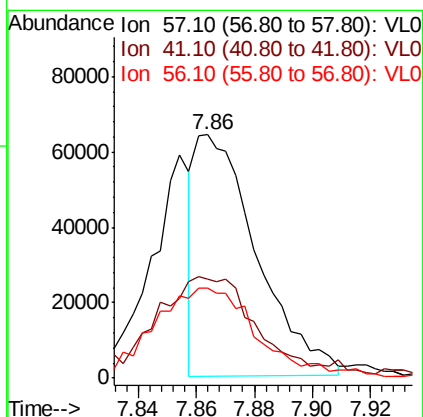
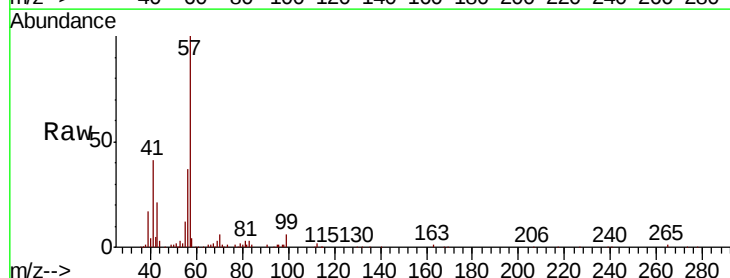
Tgt Ion: 57 Resp: 94289

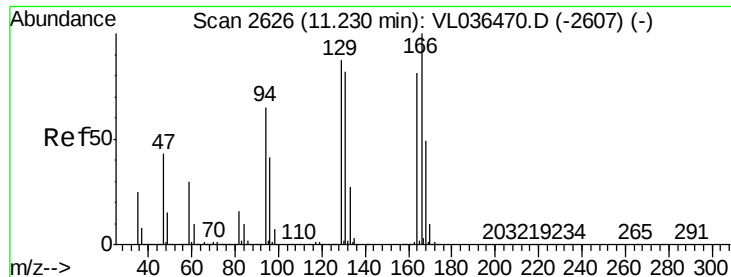
Ion Ratio Lower Upper

57 100

41 72.6 28.8 43.2#

56 62.7 26.1 39.1#





#52

Tetrachloroethene

Concen: 0.079 ppbv

RT: 11.23 min Scan# 2627

Delta R.T. 0.00 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

Tot Ion:164 Resp: 8172

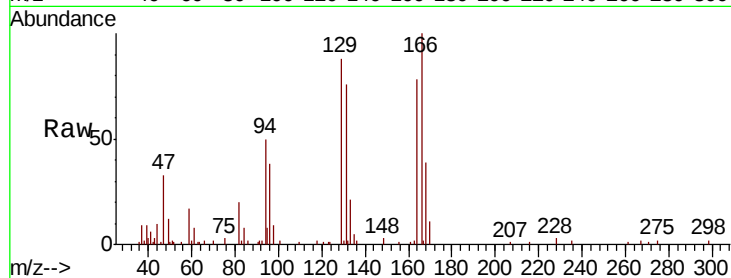
Ion Ratio Lower Upper

164 100

166 121.8 98.3 147.5

129 105.7 85.8 128.8

131 91.6 80.9 121.3



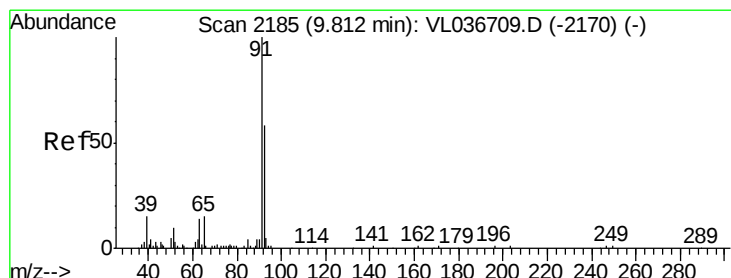
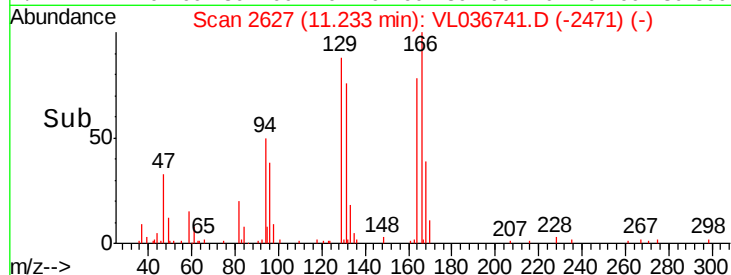
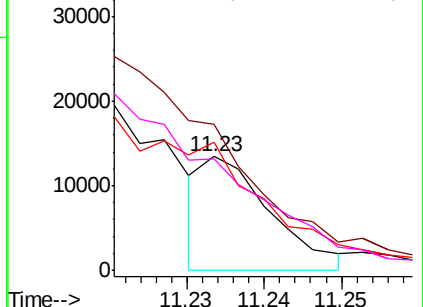
Abundance

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: 10.052 ppbv

RT: 9.80 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL036741.D

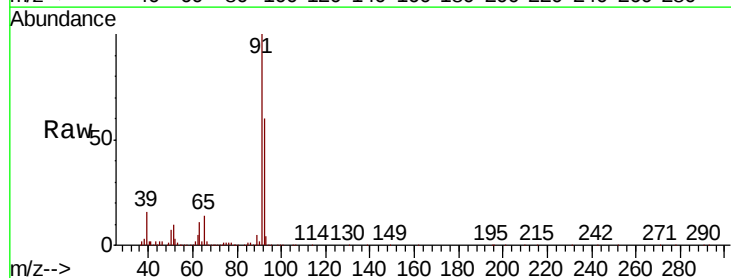
Acq: 8 Apr 2021 00:40

Tgt Ion: 91 Resp: 2999774

Ion Ratio Lower Upper

91 100

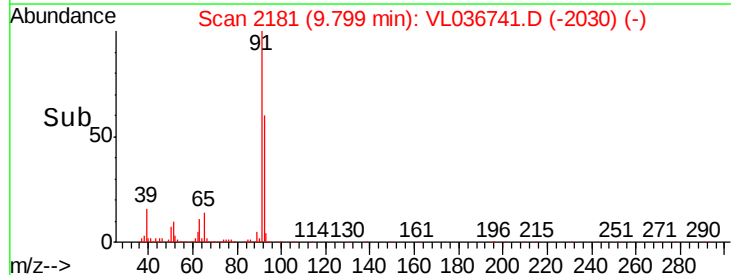
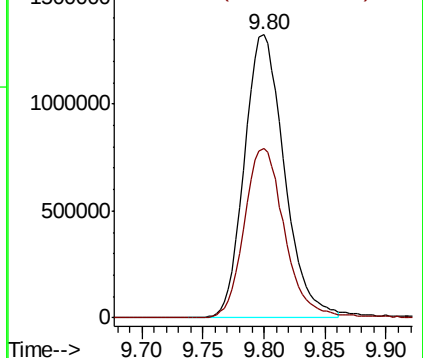
92 60.9 48.8 73.2

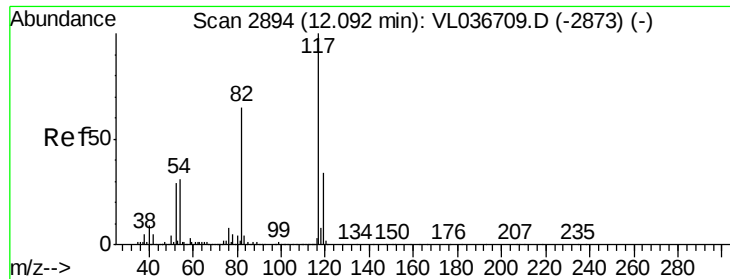


Abundance

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: 12.08 min Scan# 2890

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

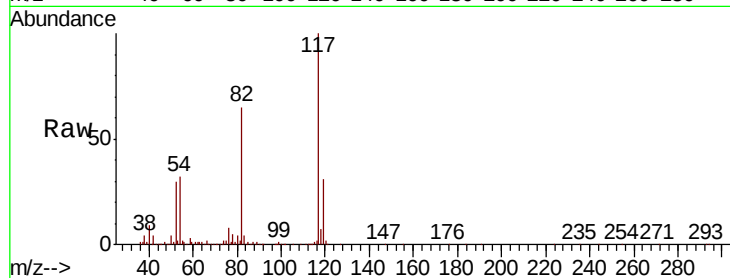
Tot Ion:117 Resp: 2727323

Ion Ratio Lower Upper

117 100

82 68.6 57.4 86.0

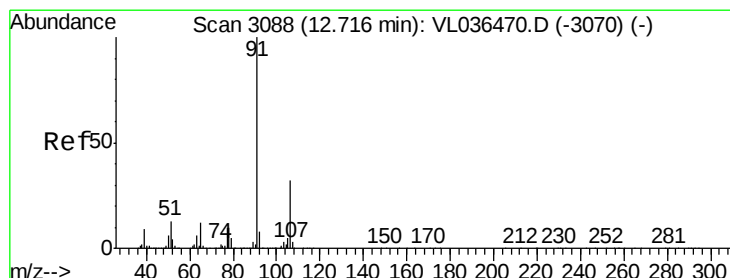
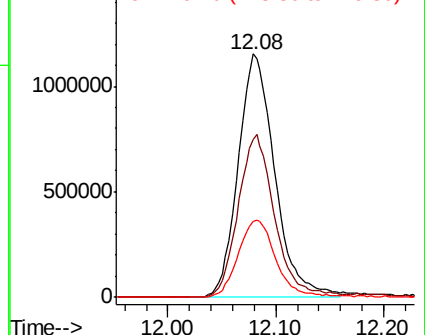
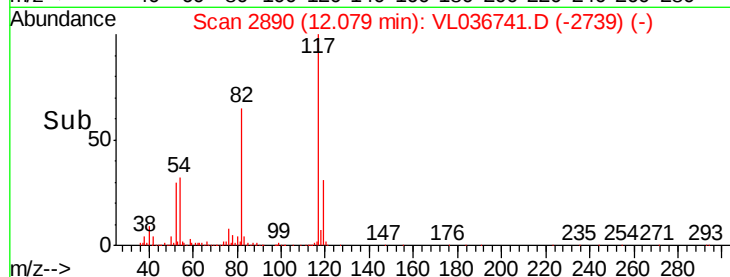
119 33.1 47.4 71.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.364 ppbv

RT: 12.71 min Scan# 3085

Delta R.T. -0.01 min

Lab File: VL036741.D

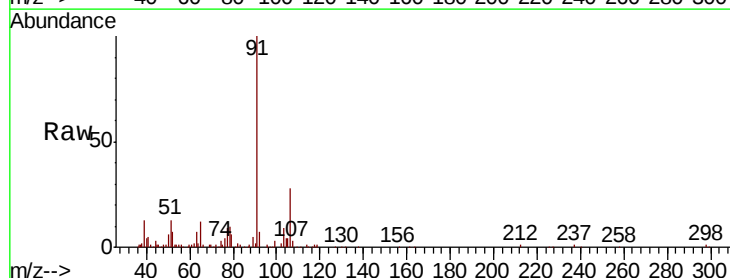
Acq: 8 Apr 2021 00:40

Tgt Ion: 91 Resp: 144589

Ion Ratio Lower Upper

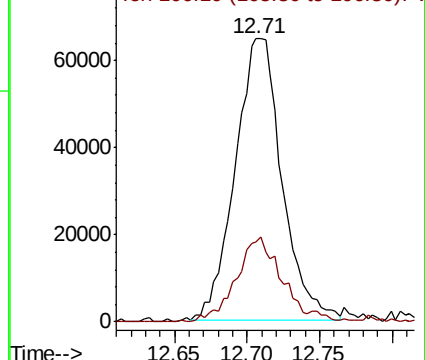
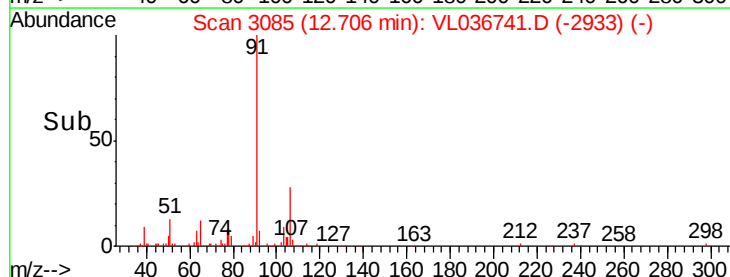
91 100

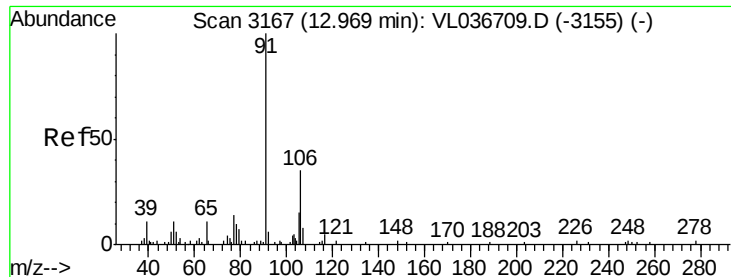
106 28.5 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#59

m/p-Xylene

Concen: 1.589 ppbv

RT: 12.96 min Scan# 3163

Delta R.T. -0.05 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

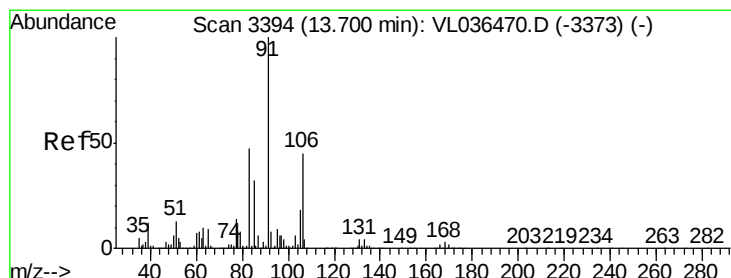
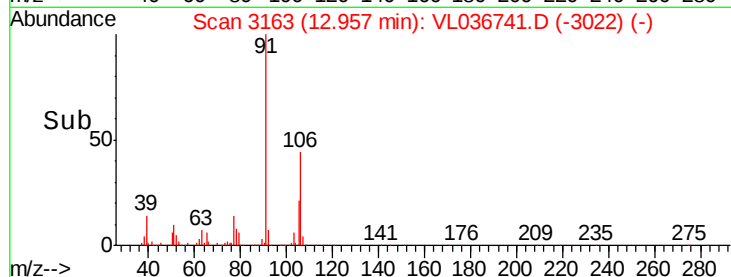
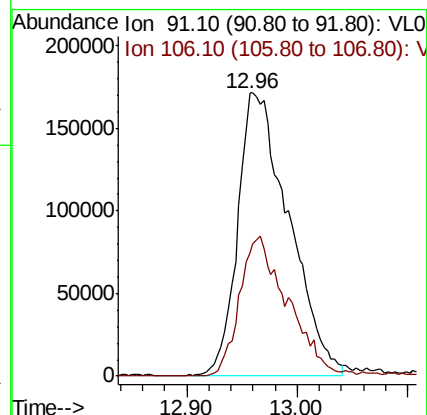
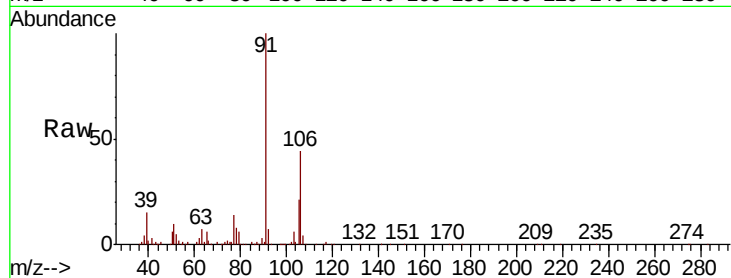
FS-IA-03

Tot Ion: 91 Resp: 549795

Ion Ratio Lower Upper

91 100

106 47.8 35.3 52.9



#60

o-Xylene

Concen: 0.433 ppbv

RT: 13.68 min Scan# 3389

Delta R.T. -0.02 min

Lab File: VL036741.D

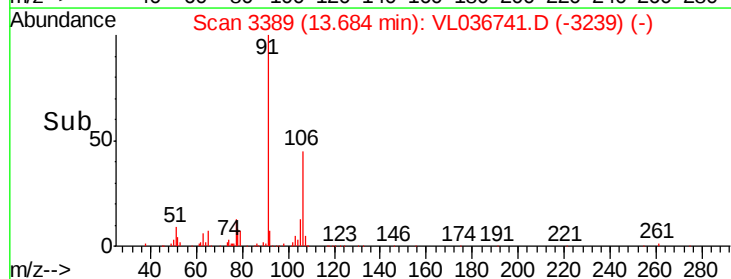
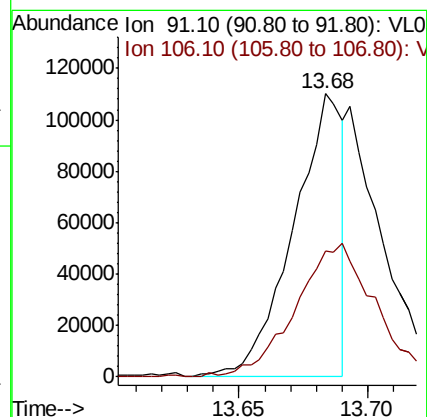
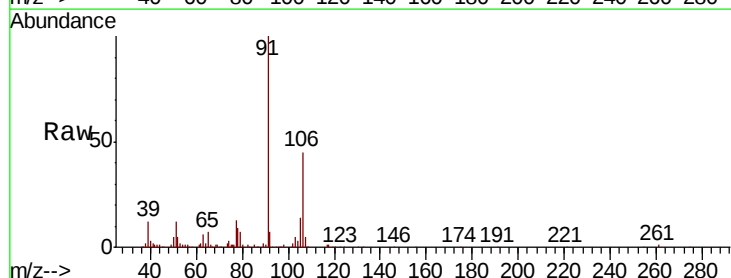
Acq: 8 Apr 2021 00:40

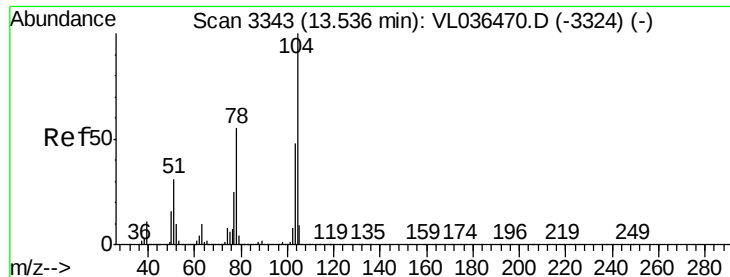
Tgt Ion: 91 Resp: 145041

Ion Ratio Lower Upper

91 100

106 0.0 22.3 66.9#





#61

Stvrene

Concen: 0.036 ppbv

RT: 13.52 min Scan# 3339

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

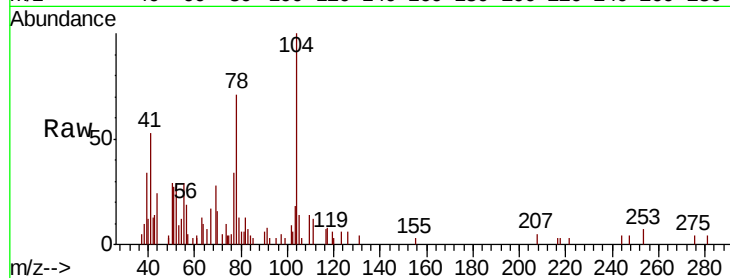
Tot Ion:104 Resp: 5981

Ion Ratio Lower Upper

104 100

78 0.0 43.8 65.8#

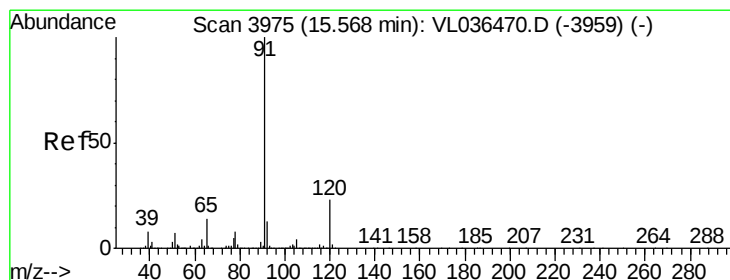
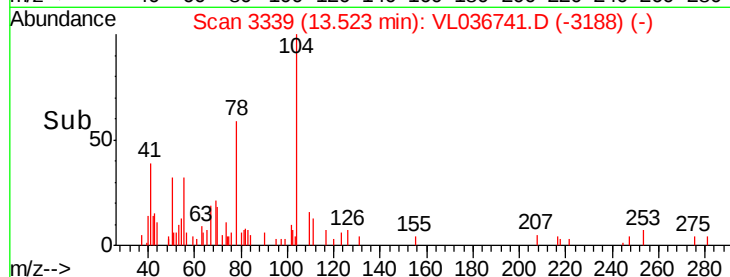
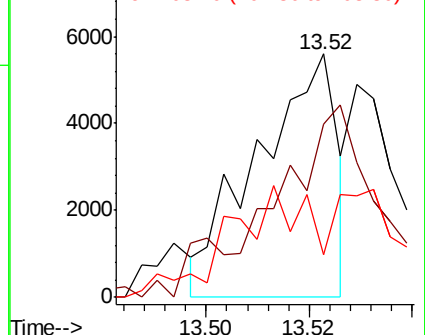
103 93.1 38.3 57.5#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#64

n-propylbenzene

Concen: 0.050 ppbv

RT: 15.56 min Scan# 3972

Delta R.T. -0.01 min

Lab File: VL036741.D

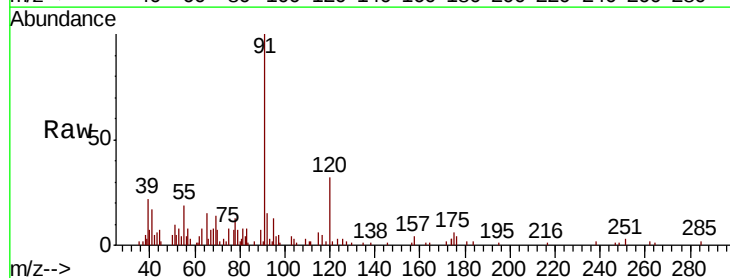
Acq: 8 Apr 2021 00:40

Tgt Ion:120 Resp: 5514

Ion Ratio Lower Upper

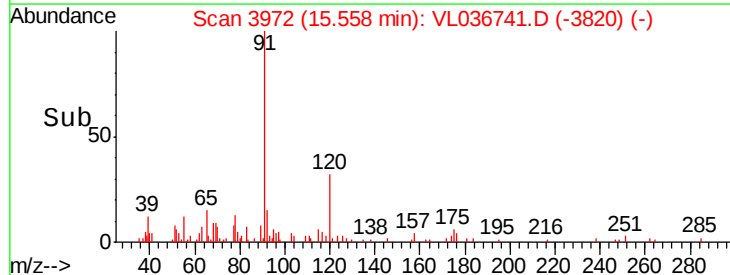
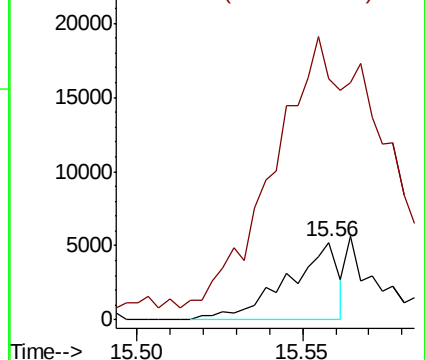
120 100

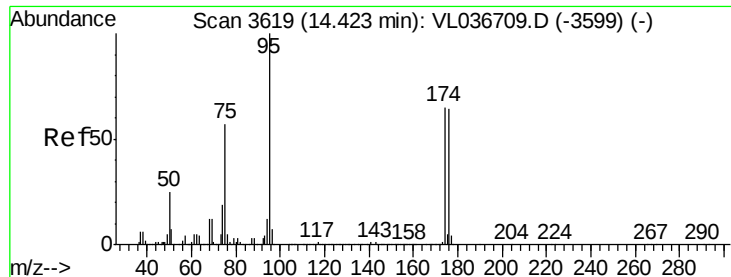
91 809.7 377.4 566.2#



Abundance Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

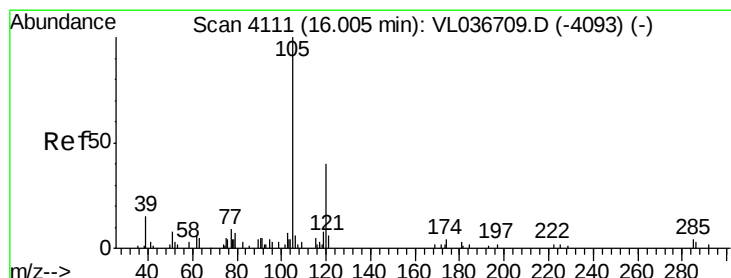
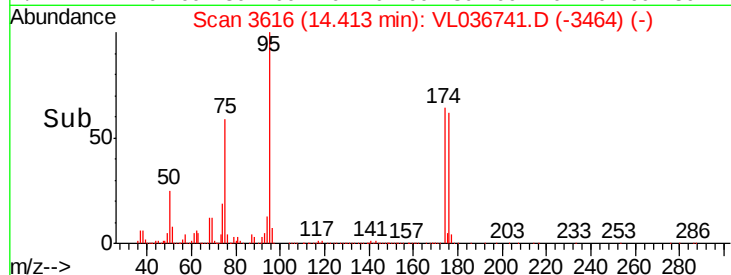
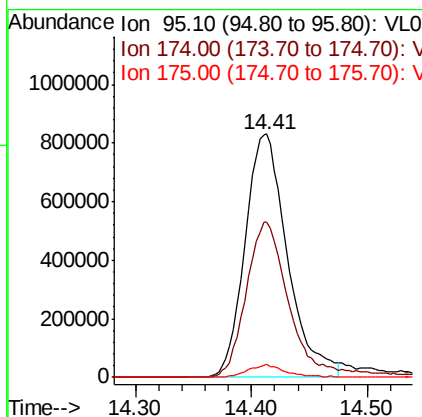
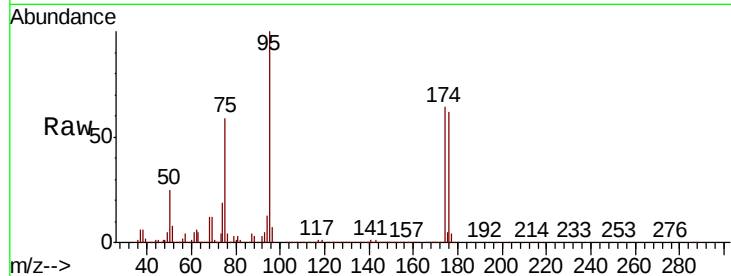




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.717 ppbv
 RT: 14.41 min Scan# 3616
 Delta R.T. -0.01 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

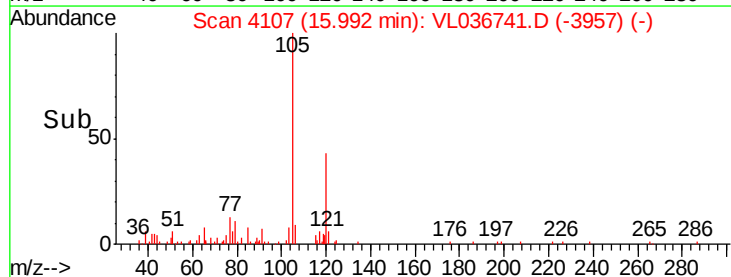
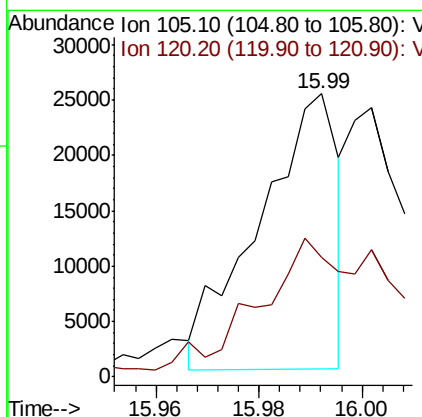
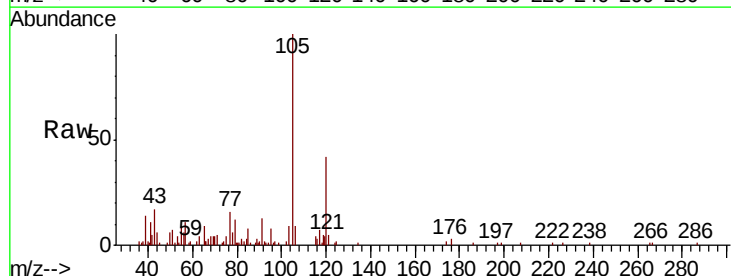
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03

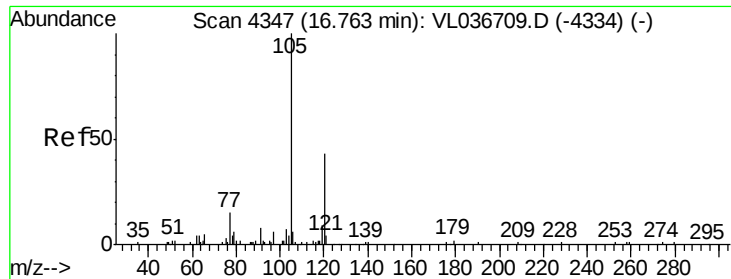
Tot Ion: 95 Resp: 2112172
 Ion Ratio Lower Upper
 95 100
 174 67.2 51.0 76.6
 175 5.0 3.9 5.9



#73
 1,3,5-Trimethylbenzene
 Concen: 0.078 ppbv
 RT: 15.99 min Scan# 4107
 Delta R.T. -0.02 min
 Lab File: VL036741.D
 Acq: 8 Apr 2021 00:40

Tgt Ion:105 Resp: 26536
 Ion Ratio Lower Upper
 105 100
 120 33.9 36.6 54.8#





#74

1,2,4-Trimethylbenzene

Concen: 0.449 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

Tot Ion:105 Resp: 164434

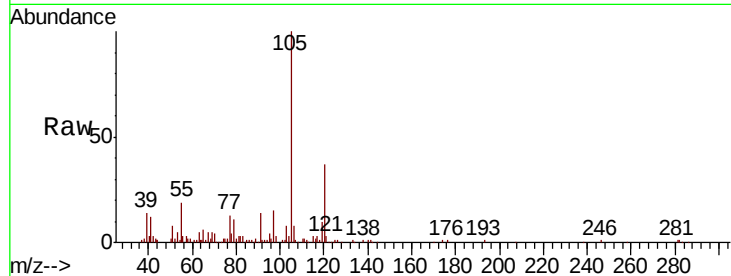
Ion Ratio Lower Upper

105 100

120 37.8 39.2 58.8#

91 12.8 42.6 64.0#

77 11.6 18.6 28.0#



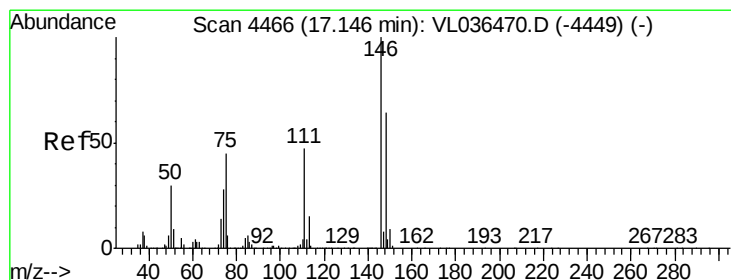
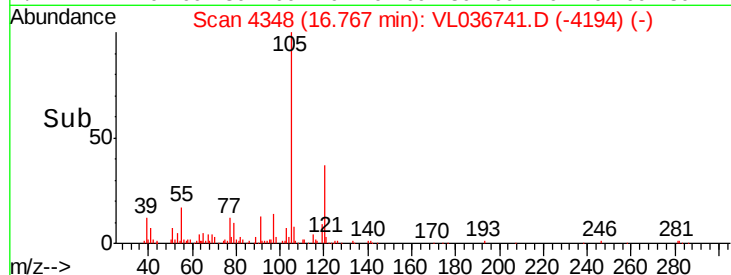
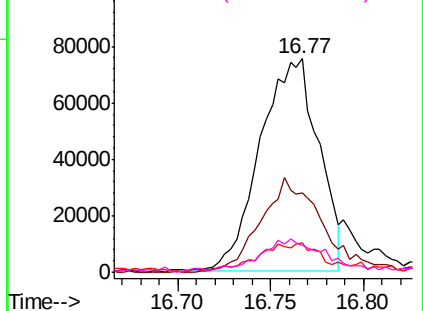
Abundance

Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0



#76

1,4-Dichlorobenzene

Concen: 0.032 ppbv

RT: 17.13 min Scan# 4460

Delta R.T. -0.02 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

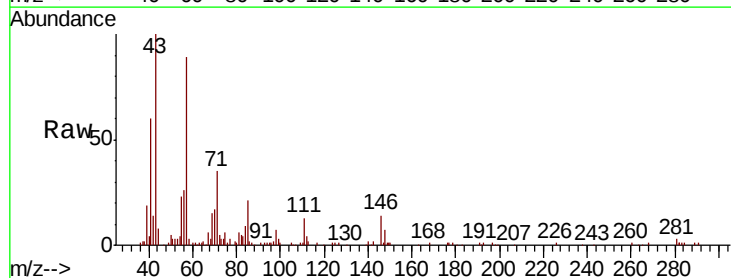
Tgt Ion:146 Resp: 6571

Ion Ratio Lower Upper

146 100

111 0.0 24.3 72.8#

148 0.0 33.0 98.9#

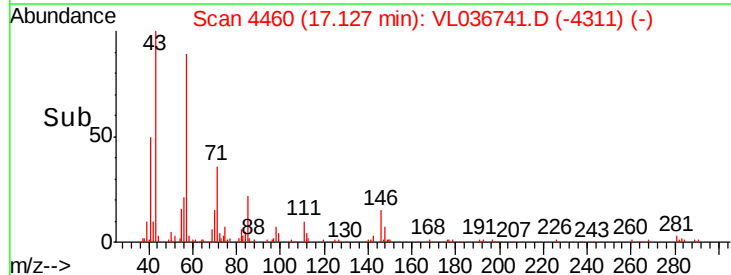
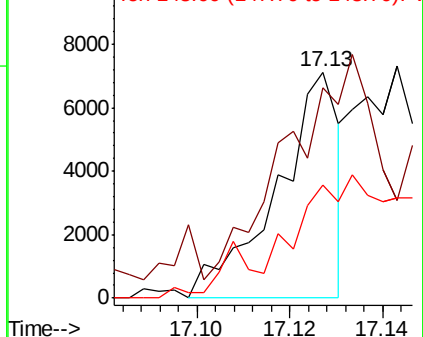


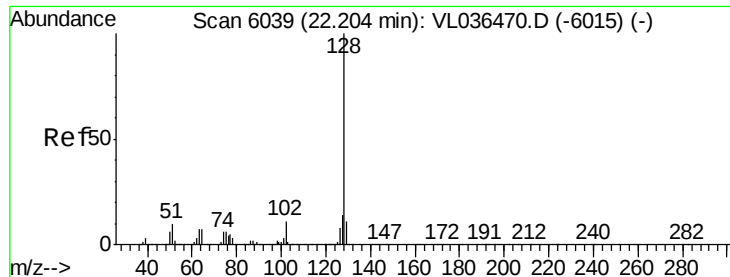
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V





#79

Naphthalene

Concen: 0.058 ppbv

RT: 22.19 min Scan# 6035

Delta R.T. -0.01 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03

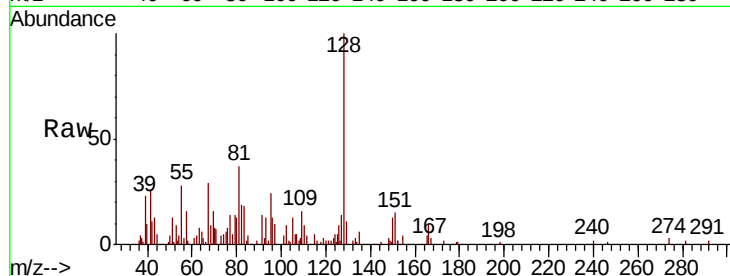
Tot Ion:128 Resp: 12354

Ion Ratio Lower Upper

128 100

127 17.6 10.9 16.3#

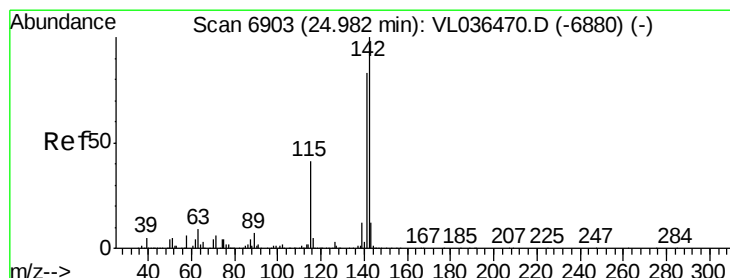
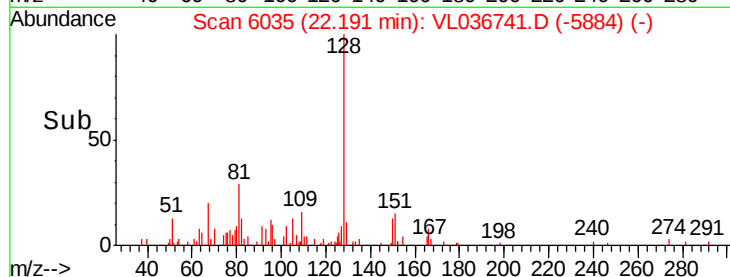
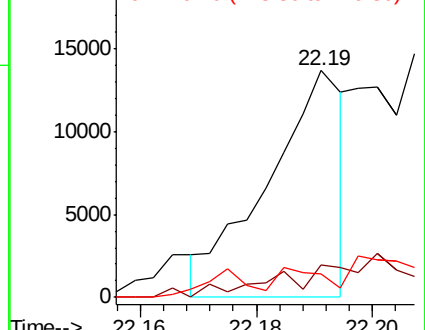
129 8.2 9.0 13.4#



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: 0.036 ppbv

RT: 25.05 min Scan# 6924

Delta R.T. 0.07 min

Lab File: VL036741.D

Acq: 8 Apr 2021 00:40

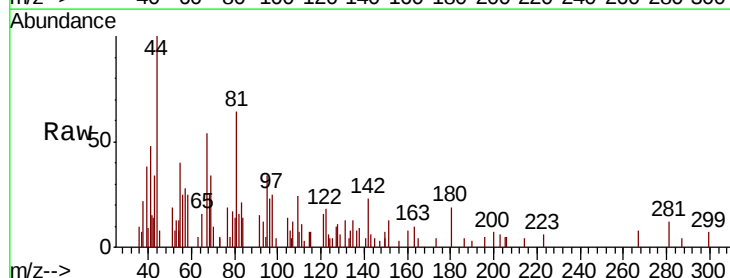
Tgt Ion:142 Resp: 1510

Ion Ratio Lower Upper

142 100

141 93.4 67.8 101.8

115 48.3 34.0 51.0



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

