

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036739.D
 Acq On : 7 Apr 2021 23:21
 Operator : SY/AP
 Sample : M1929-08
 Misc : 400mL/MSVOA L
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV02

Quant Time: Apr 08 02:43:58 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	1244335	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3250607	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2903831	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2351301	10.16	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	36614	0.180	ppbv 96
3) Chlorodifluoromethane	2.98	51	42577	0.183	ppbv 94
4) Chloromethane	3.20	50	54329	0.662	ppbv # 73
9) Propene	3.00	41	13661495	184.325	ppbv 98
10) Heptane	8.12	43	525343	2.782	ppbv 100
11) Trichlorofluoromethane	3.94	101	64100	0.310	ppbv 100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	7951	0.060	ppbv # 57
13) Ethanol	3.60	45	1313998	148.878	ppbv 95
15) Acetone	3.87	43	8154847	66.586	ppbv # 56
16) 1,3-Butadiene	3.30	39	6465433	75.827	ppbv # 24
17) tert-Butyl alcohol	4.31	59	42785	0.401	ppbv # 72
19) Isopropyl Alcohol	3.97	45	55365	0.822	ppbv # 1
20) Methylene Chloride	4.34	84	254195	4.433	ppbv # 89
21) Allyl Chloride	4.37	41	508496	5.208	ppbv # 51
23) Vinyl Acetate	5.06	43	1446957	6.907	ppbv # 1
25) Ethyl Acetate	5.69	43	4756629	16.336	ppbv # 77
26) Hexane	5.69	57	6455865	47.779	ppbv # 45
27) Carbon Disulfide	4.55	76	1873303	14.074	ppbv 98
29) Chloroform	5.76	83	14501	0.067	ppbv 85
30) Cyclohexane	7.13	84	1442076	13.160	ppbv 97
34) 2-Butanone	5.37	43	1772425	11.170	ppbv # 58
36) Benzene	6.89	78	9976570	33.278	ppbv 92
37) 1,2-Dichloroethane	6.30	62	7025	0.040	ppbv # 82
39) 1,2-Dichloropropane	7.17	63	835818	6.873	ppbv # 24
41) Tetrahydrofuran	6.11	42	47992	0.656	ppbv # 50
42) Bromodichloromethane	7.80	83	132258	0.551	ppbv # 26
43) Methyl Methacrylate	8.18	69	213922	2.125	ppbv 98
44) 2,2,4-Trimethylpentane	7.87	57	7396604	14.018	ppbv # 84
50) 4-Methyl-2-Pentanone	8.76	43	16209	0.071	ppbv # 76
51) 2-Hexanone	10.11	43	320593	2.767	ppbv # 30
52) Tetrachloroethene	11.21	164	36355	0.329	ppbv 90
53) Toluene	9.80	91	7455776	23.353	ppbv 98
57) Chlorobenzene	12.14	112	73915	0.299	ppbv # 27
58) Ethyl Benzene	12.71	91	1316751	3.117	ppbv 100
59) m/p-Xylene	13.00	91	946944	2.570	ppbv 93
60) o-Xylene	13.69	91	442260	1.241	ppbv 99
61) Styrene	13.53	104	10925	0.061	ppbv # 1
62) Isopropylbenzene	14.67	105	30293	0.063	ppbv # 86
63) 1,1,2,2-Tetrachloroethane	13.66	83	89982	0.331	ppbv # 73
66) Benzyl Chloride	16.98	91	3197	0.070	ppbv # 53
72) 4-Ethyltoluene	15.84	105	33590	0.086	ppbv # 40

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QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration

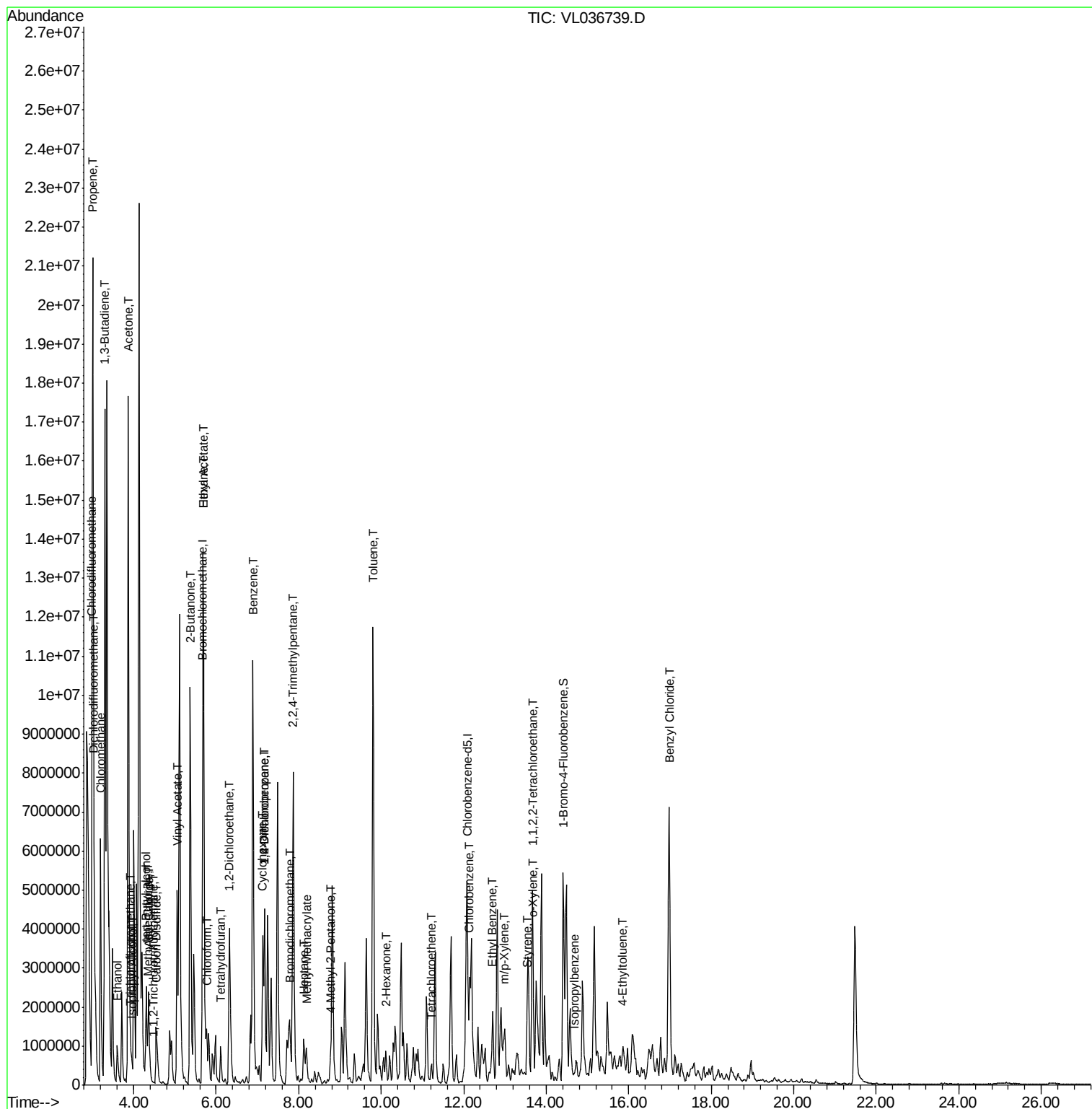
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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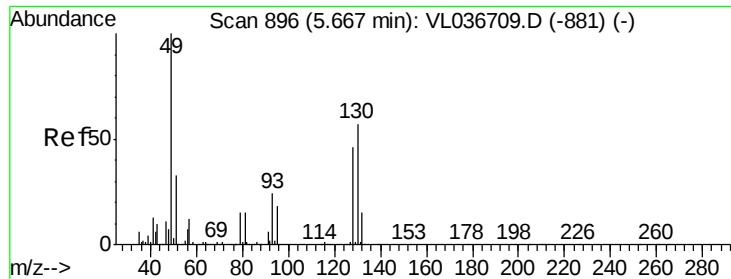
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.01 min

Lab File: VL036739.D

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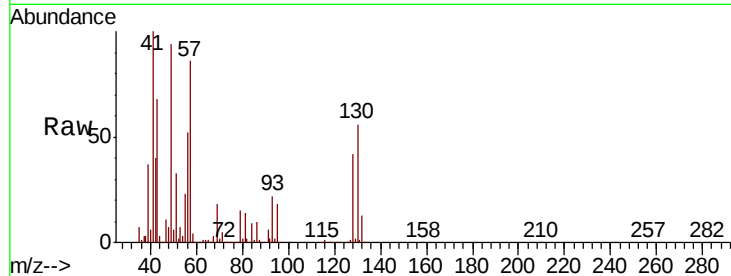
Tot Ion: 49 Resp: 1244335

Ion Ratio Lower Upper

49 100

128 46.0 23.5 70.6

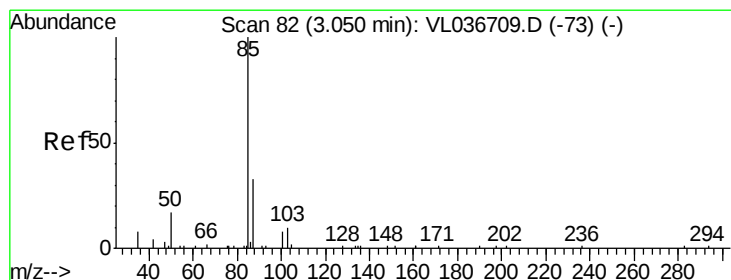
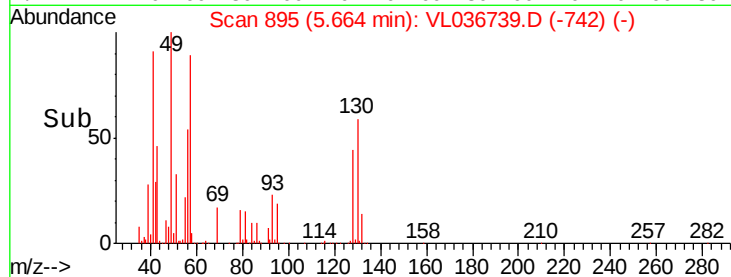
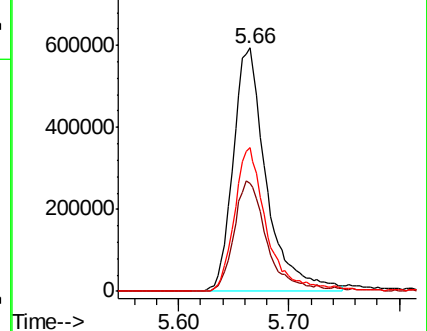
130 58.5 29.1 87.4



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



#2

Dichlorodifluoromethane

Concen: 0.180 ppbv

RT: 3.04 min Scan# 80

Delta R.T. -0.00 min

Lab File: VL036739.D

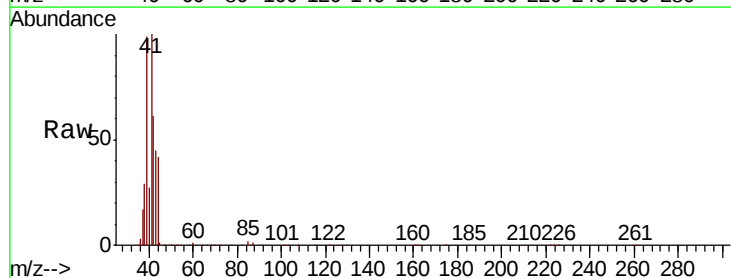
Acq: 7 Apr 2021 23:21

Tgt Ion: 85 Resp: 36614

Ion Ratio Lower Upper

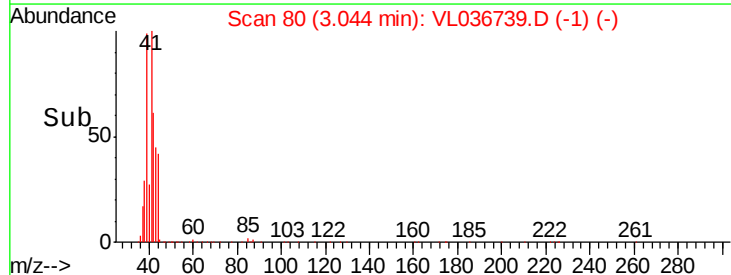
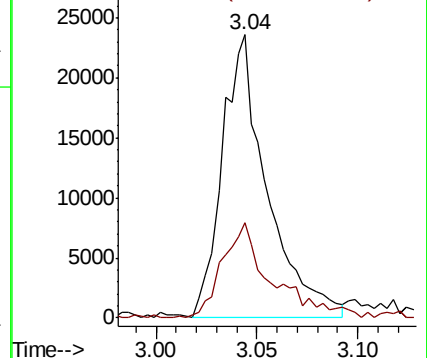
85 100

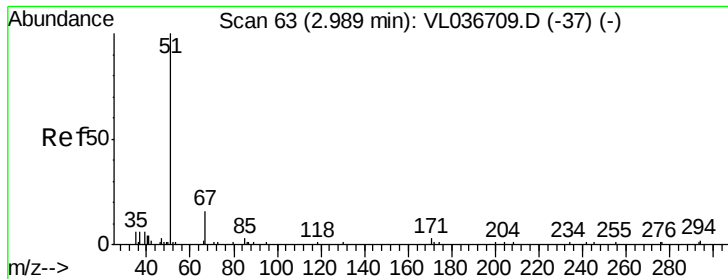
87 32.3 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.183 ppbv

RT: 2.98 min Scan# 60

Delta R.T. -0.01 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

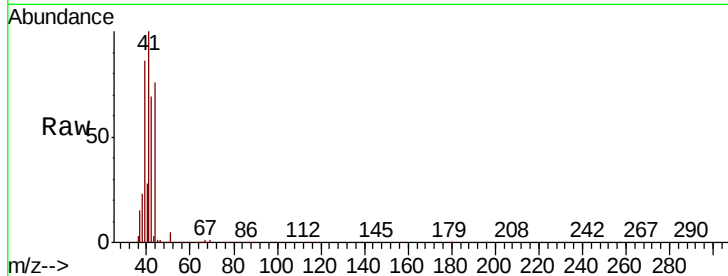
FS-SV02

Tot Ion: 51 Resp: 42577

Ion Ratio Lower Upper

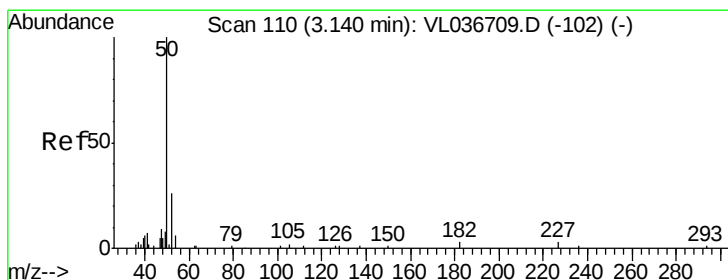
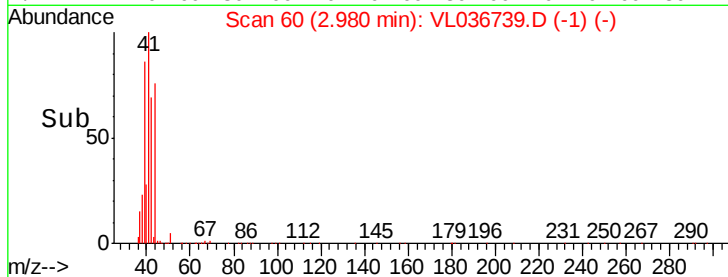
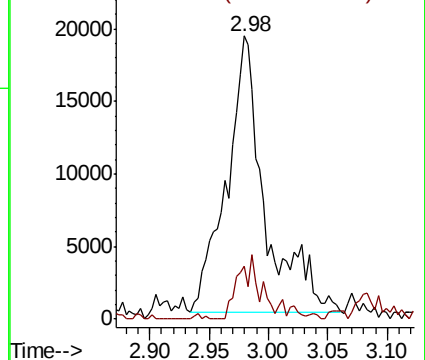
51 100

67 15.6 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: 0.662 ppbv

RT: 3.20 min Scan# 128

Delta R.T. 0.06 min

Lab File: VL036739.D

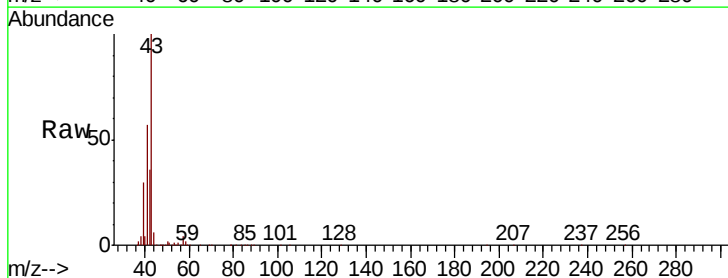
Acq: 7 Apr 2021 23:21

Tgt Ion: 50 Resp: 54329

Ion Ratio Lower Upper

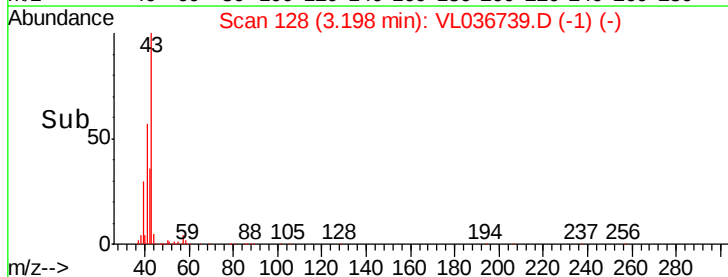
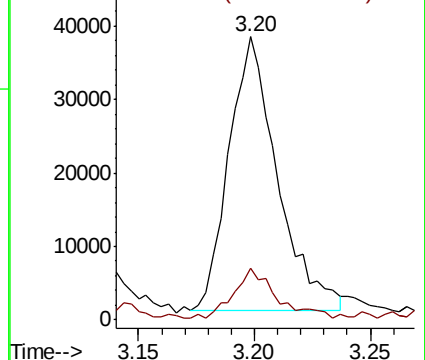
50 100

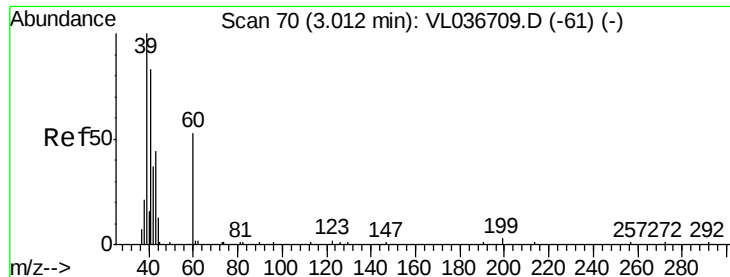
52 18.1 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 184.325 ppbv

RT: 3.00 min Scan# 67

Delta R.T. -0.01 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

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ClientSampleId :

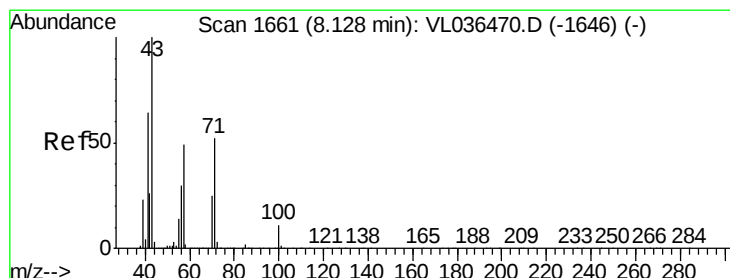
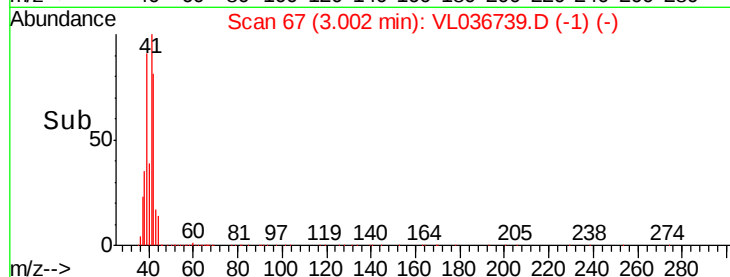
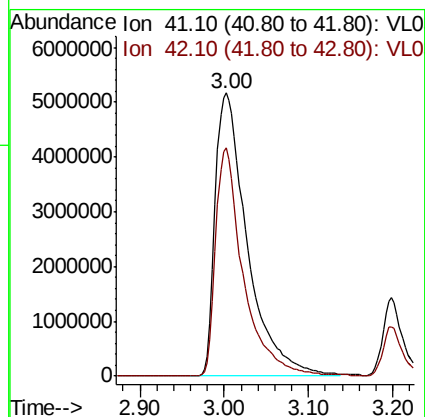
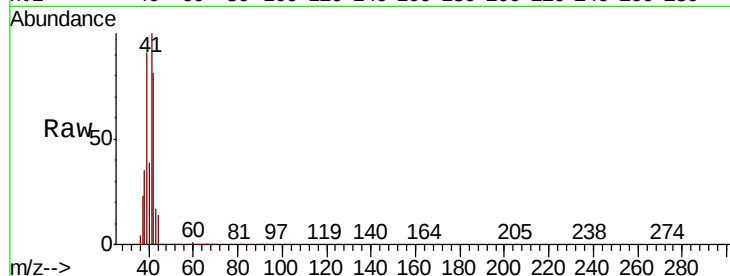
FS-SV02

Tot Ion: 41 Resp:13661495

Ion Ratio Lower Upper

41 100

42 69.9 57.0 85.4



#10

Heptane

Concen: 2.782 ppbv

RT: 8.12 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VL036739.D

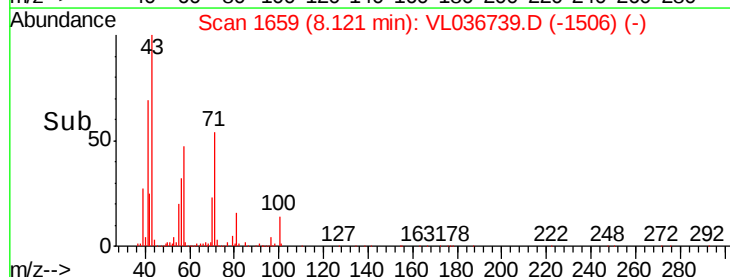
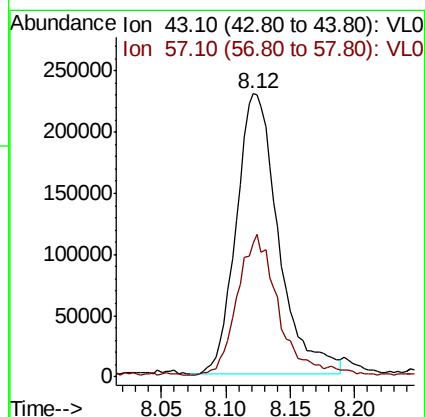
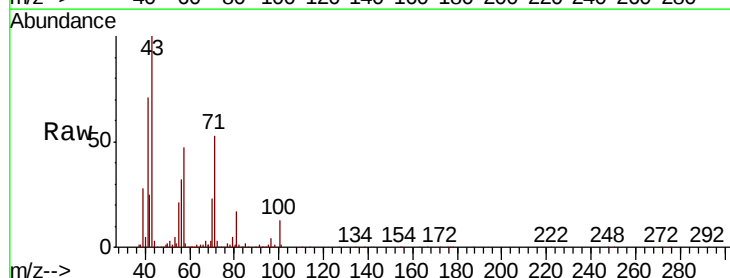
Acq: 7 Apr 2021 23:21

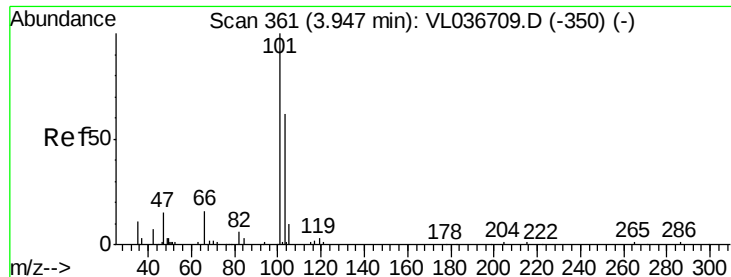
Tgt Ion: 43 Resp: 525343

Ion Ratio Lower Upper

43 100

57 49.0 39.0 58.6

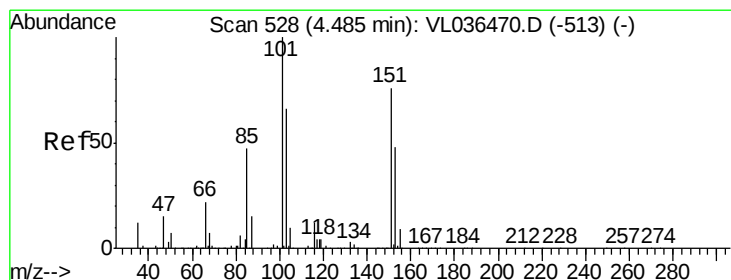
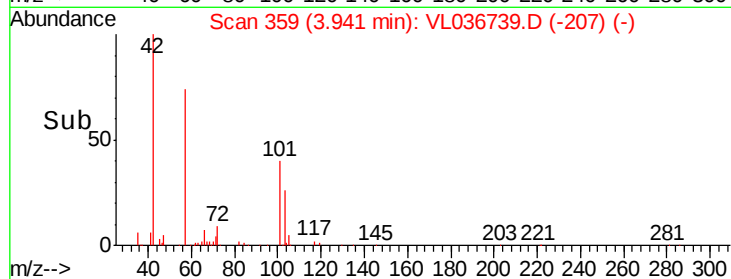
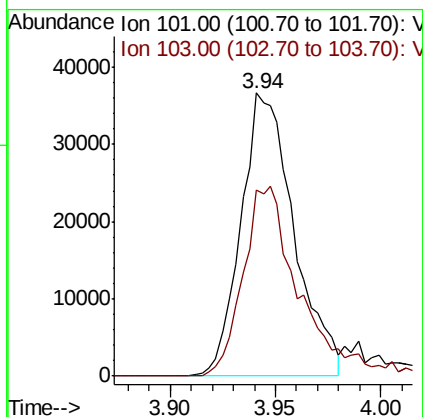
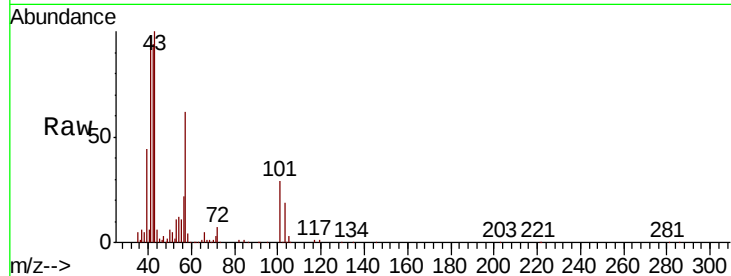




#11
 Trichlorofluoromethane
 Concen: 0.310 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

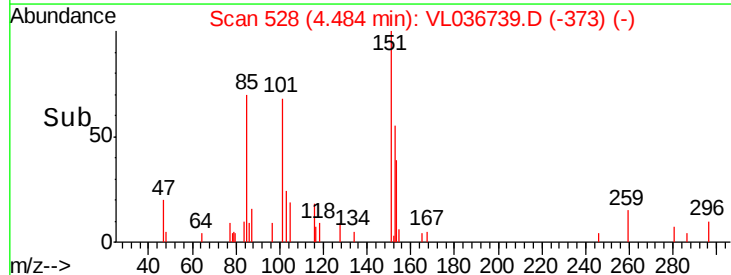
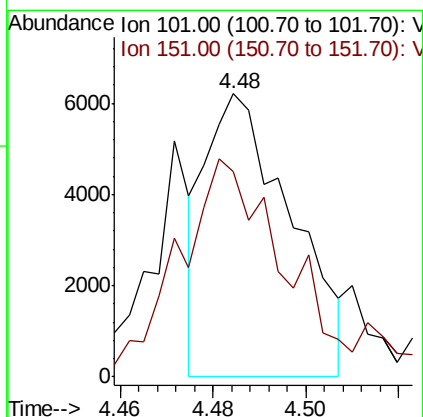
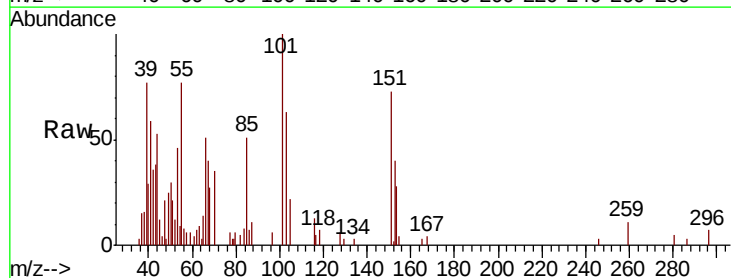
Instrument :
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 FS-SV02

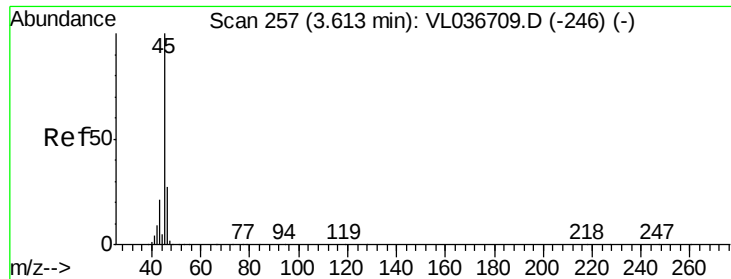
Tot Ion:101 Resp: 64100
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.060 ppbv
 RT: 4.48 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

Tgt Ion:101 Resp: 7951
 Ion Ratio Lower Upper
 101 100
 151 112.6 60.9 91.3#

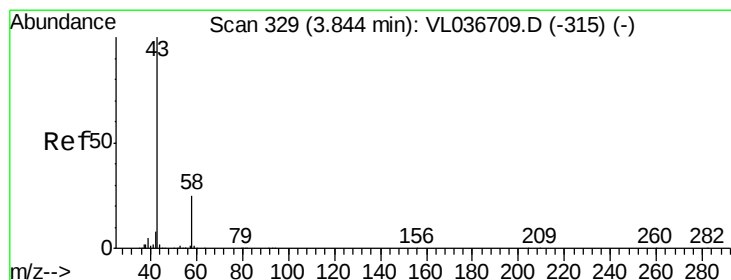
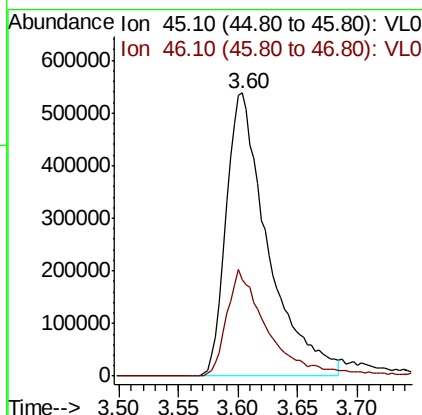
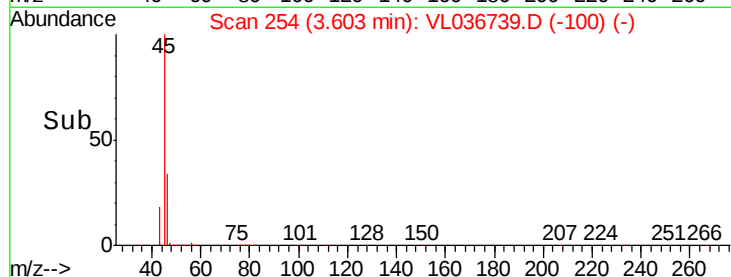
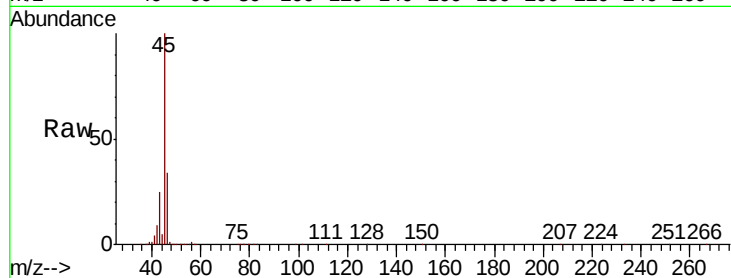




#13
Ethanol
Concen: 148.878 ppbv
RT: 3.60 min Scan# 254
Delta R.T. -0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

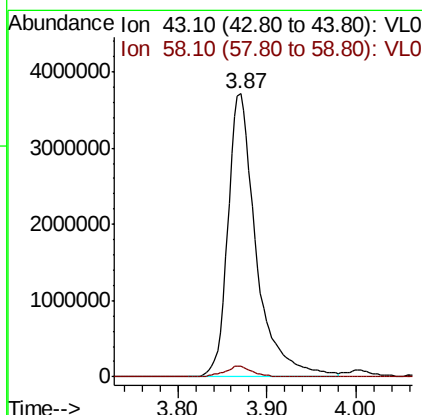
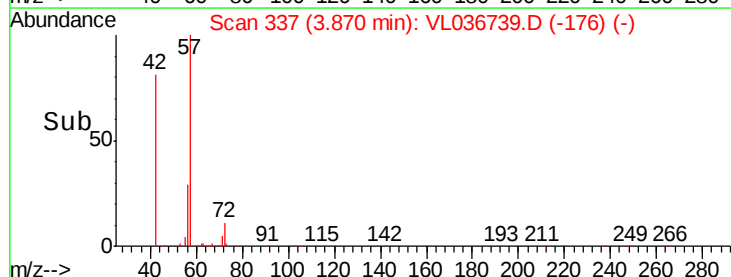
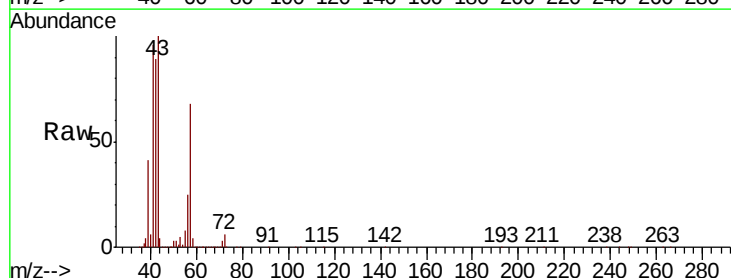
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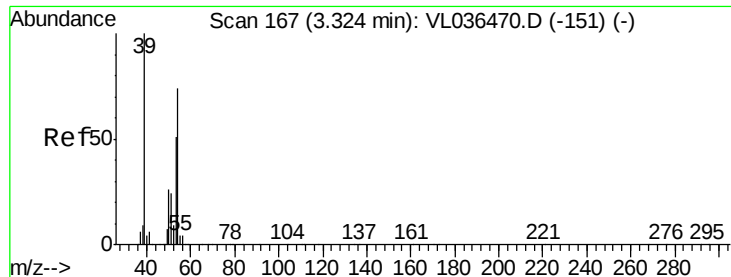
Tot Ion: 45 Resp: 1313998
Ion Ratio Lower Upper
45 100
46 38.4 16.6 66.2



#15
Acetone
Concen: 66.586 ppbv
RT: 3.87 min Scan# 337
Delta R.T. 0.02 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 43 Resp: 8154847
Ion Ratio Lower Upper
43 100
58 4.0 21.2 31.8#

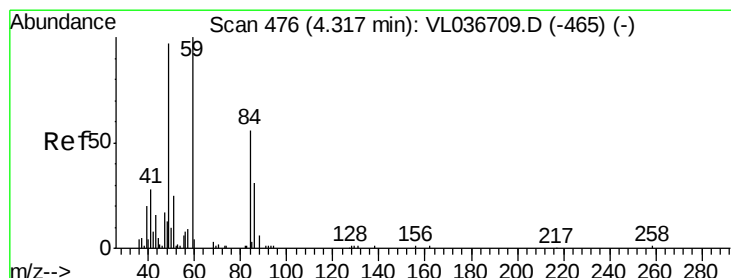
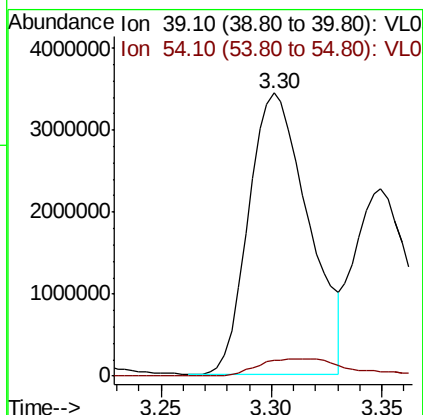
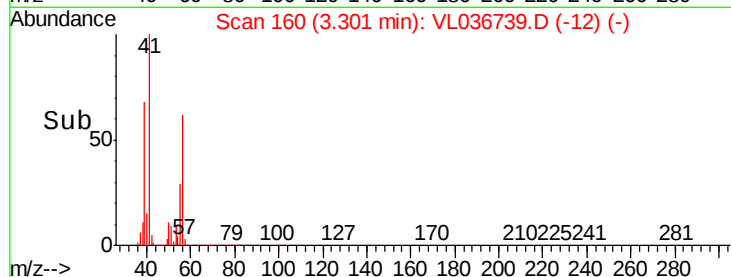
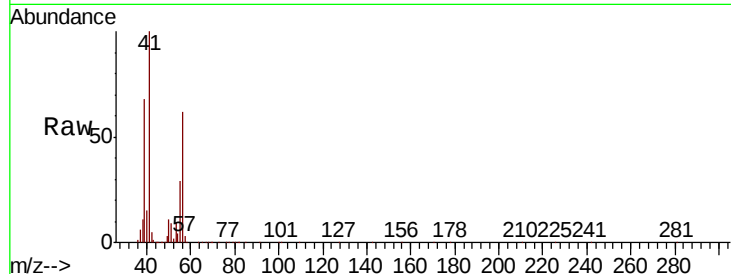




#16
 1,3-Butadiene
 Concen: 75.827 ppbv
 RT: 3.30 min Scan# 160
 Delta R.T. -0.02 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

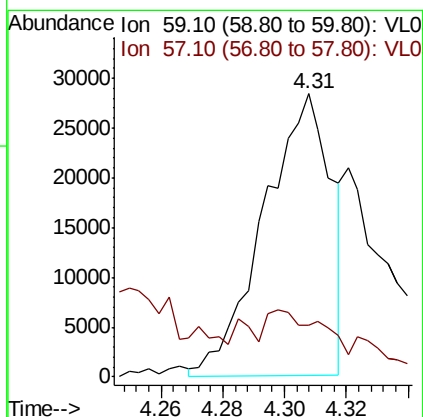
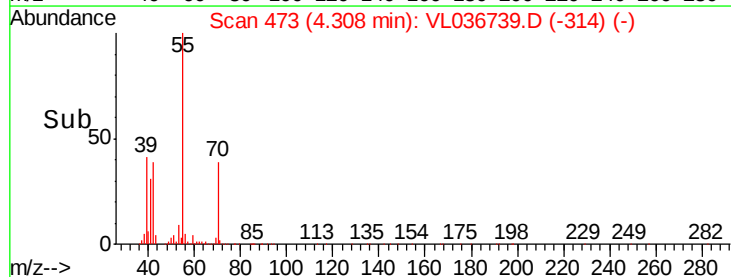
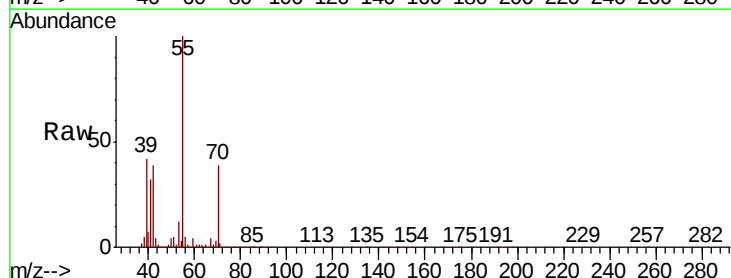
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV02

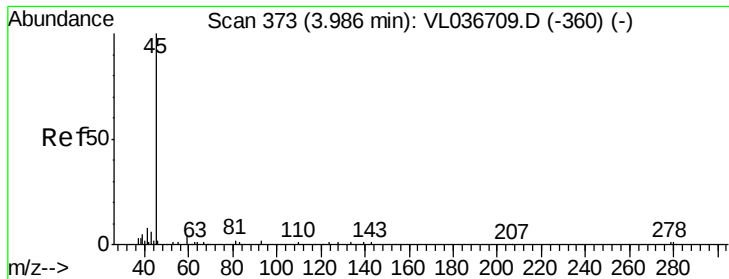
Tot Ion: 39 Resp: 6465433
 Ion Ratio Lower Upper
 39 100
 54 9.6 58.8 88.2#



#17
 tert-Butyl alcohol
 Concen: 0.401 ppbv
 RT: 4.31 min Scan# 473
 Delta R.T. 0.01 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

Tgt Ion: 59 Resp: 42785
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

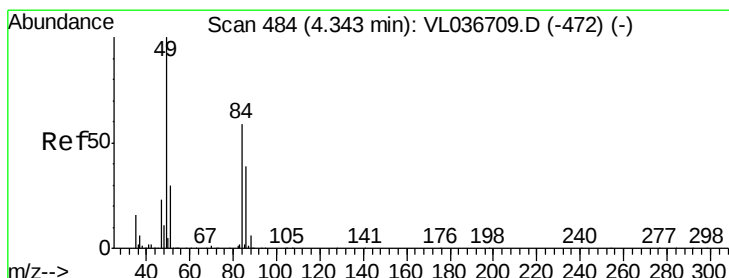
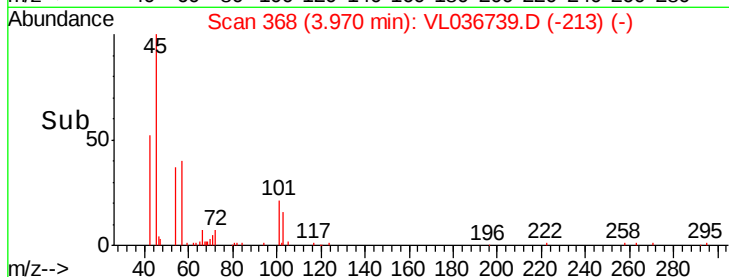
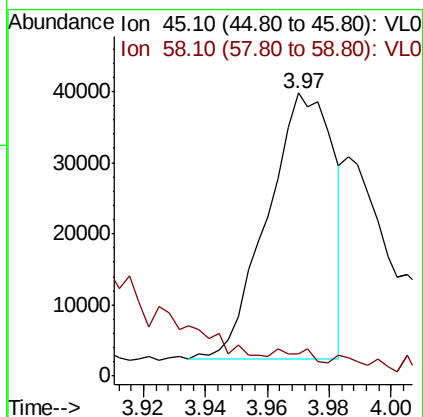
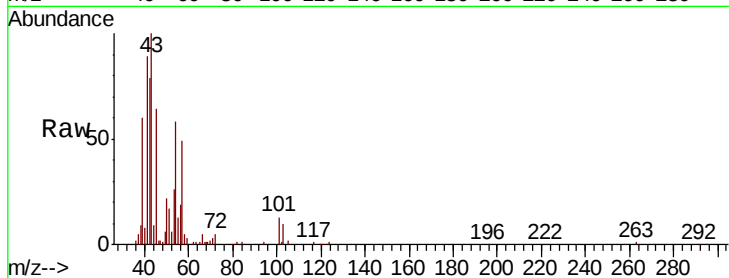




#19
Isopropyl Alcohol
Concen: 0.822 ppbv
RT: 3.97 min Scan# 368
Delta R.T. -0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

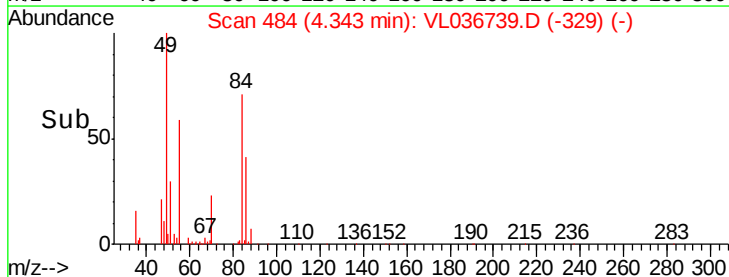
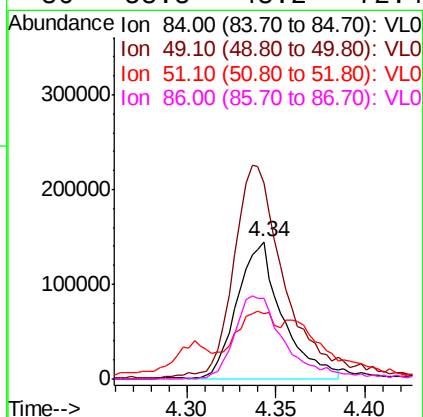
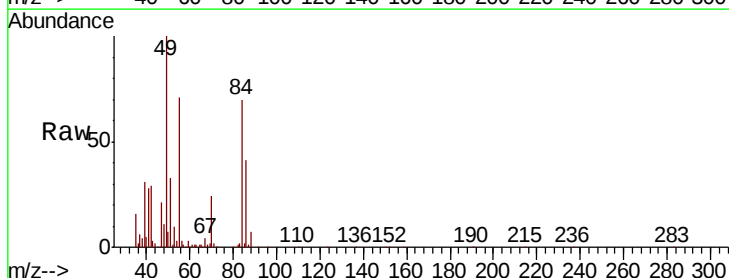
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

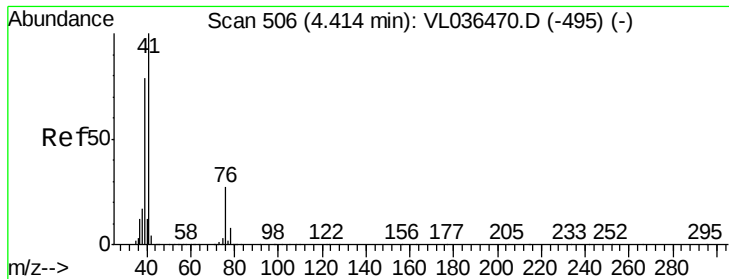
Tot Ion: 45 Resp: 55365
Ion Ratio Lower Upper
45 100
58 589.2 2.9 4.3#



#20
Methylene Chloride
Concen: 4.433 ppbv
RT: 4.34 min Scan# 484
Delta R.T. -0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 84 Resp: 254195
Ion Ratio Lower Upper
84 100
49 138.6 122.9 184.3
51 34.5 36.9 55.3#
86 58.5 48.2 72.4





#21

Allvl Chloride

Concen: 5.208 ppbv

RT: 4.37 min Scan# 492

Delta R.T. -0.05 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

FS-SV02

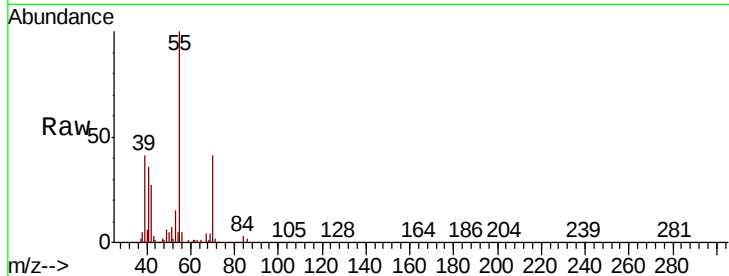
Tot Ion: 41 Resp: 508496

Ion Ratio Lower Upper

41 100

76 0.0 22.9 34.3#

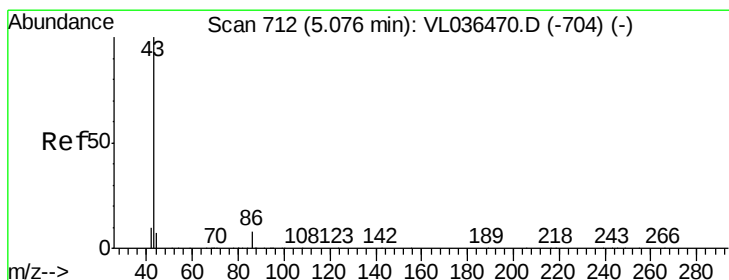
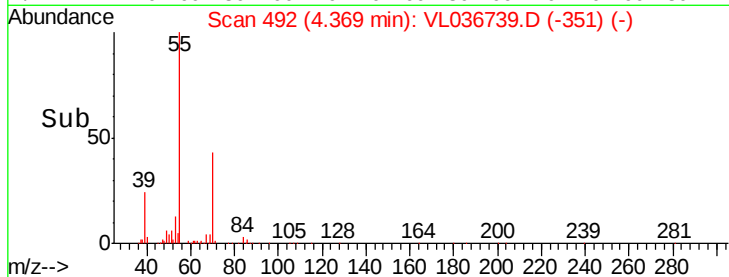
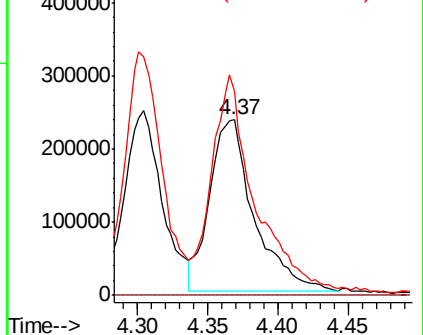
39 127.4 67.3 100.9#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0



#23

Vinyl Acetate

Concen: 6.907 ppbv

RT: 5.06 min Scan# 706

Delta R.T. -0.02 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Tgt Ion: 43 Resp: 1446957

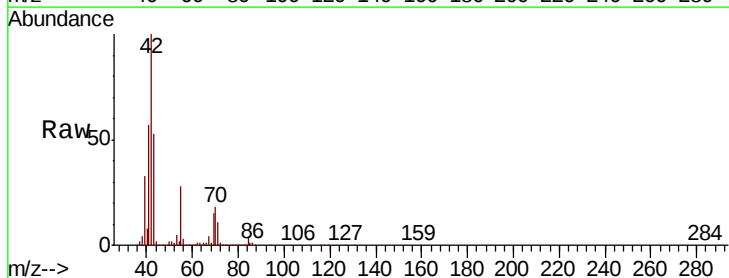
Ion Ratio Lower Upper

43 100

86 2.6 5.4 8.0#

42 187.9 8.5 12.7#

44 3.3 4.6 7.0#

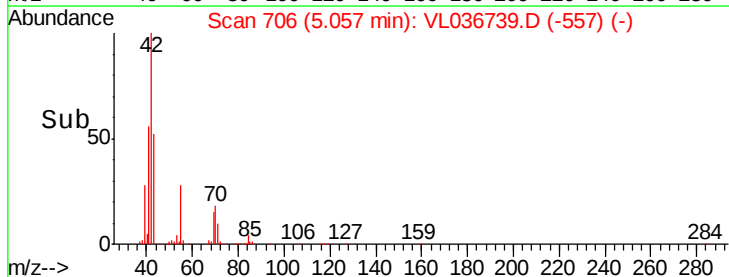
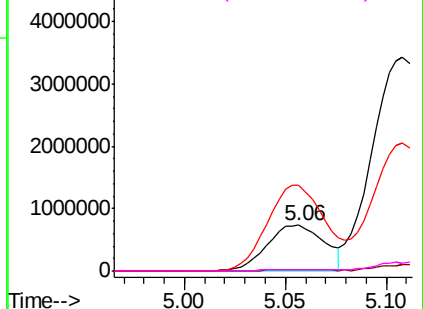


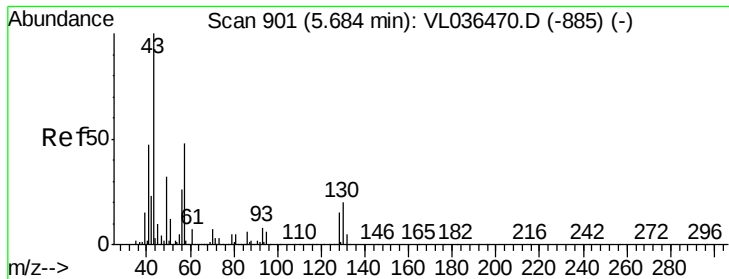
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 16.336 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.00 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

FS-SV02

Tot Ion: 43 Resp: 4756629

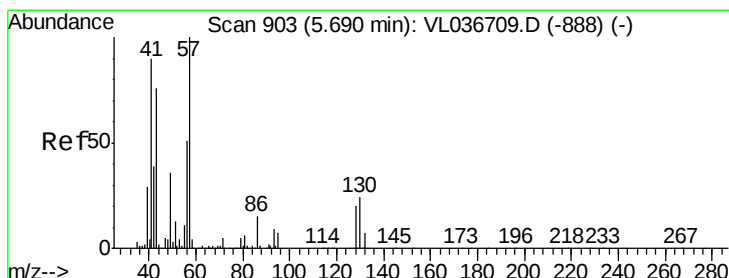
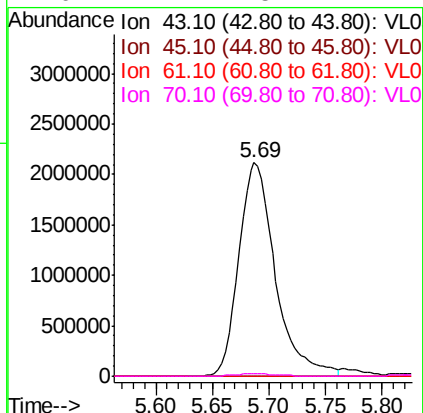
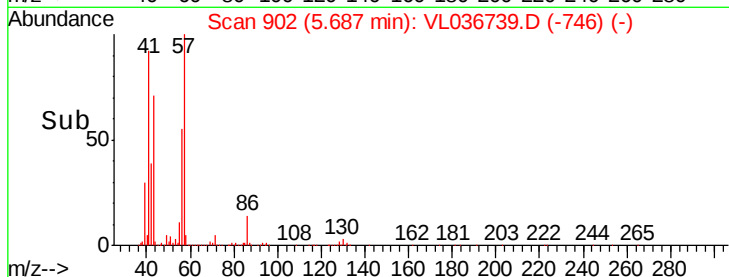
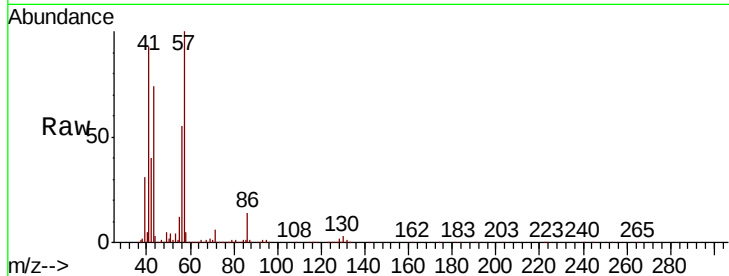
Ion Ratio Lower Upper

43 100

45 0.2 7.9 11.9#

61 0.2 7.4 11.2#

70 1.7 5.1 7.7#



#26

Hexane

Concen: 47.779 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.00 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Tgt Ion: 57 Resp: 6455865

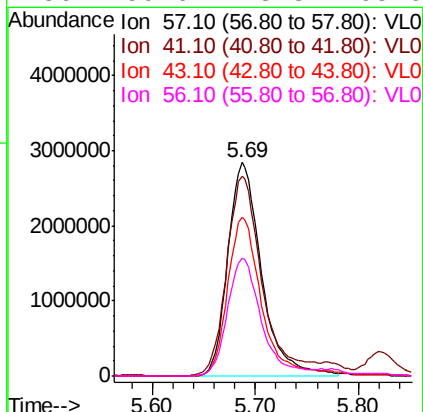
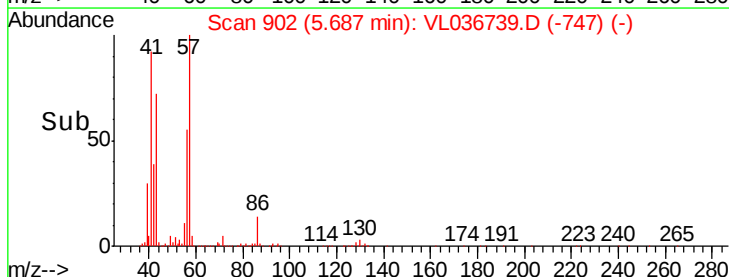
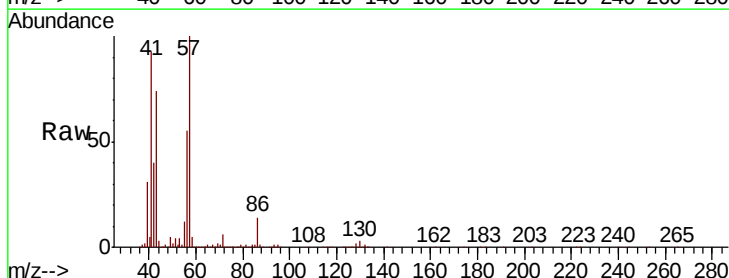
Ion Ratio Lower Upper

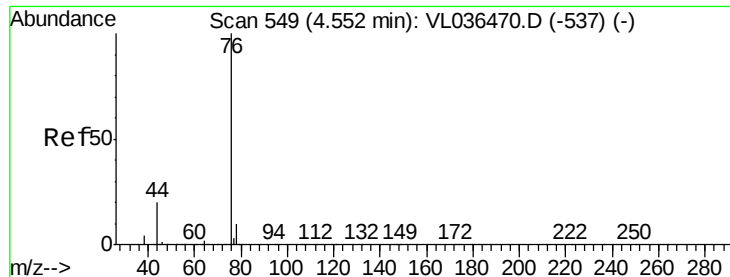
57 100

41 103.4 77.2 115.8

43 76.1 173.8 260.6#

56 59.6 43.8 65.6

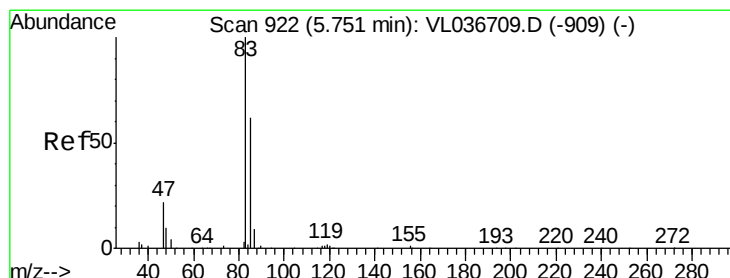
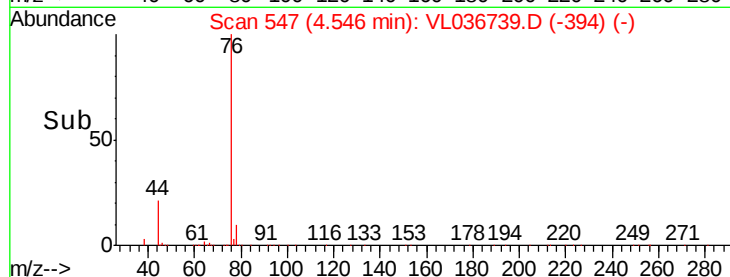
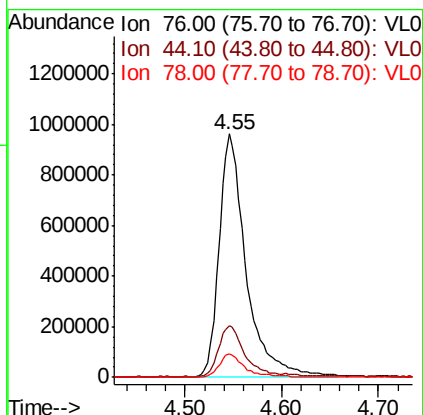
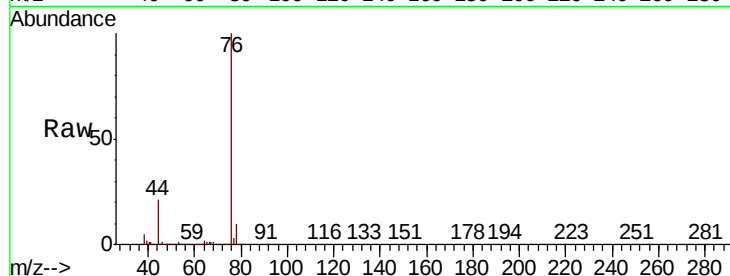




#27
Carbon Disulfide
Concen: 14.074 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

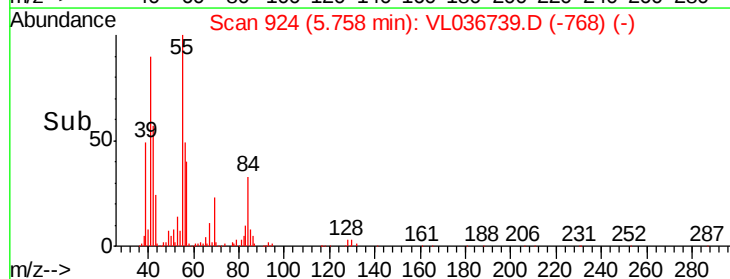
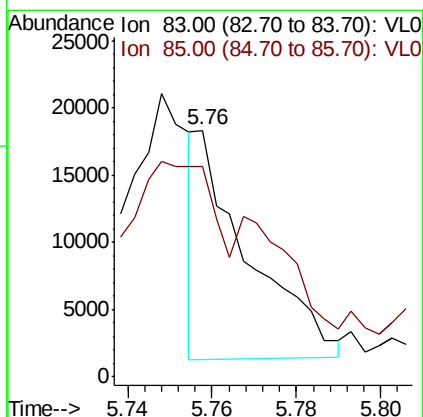
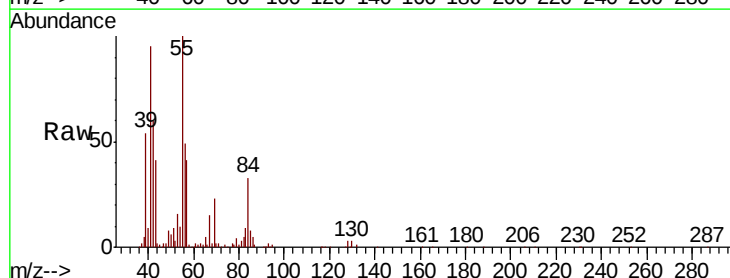
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

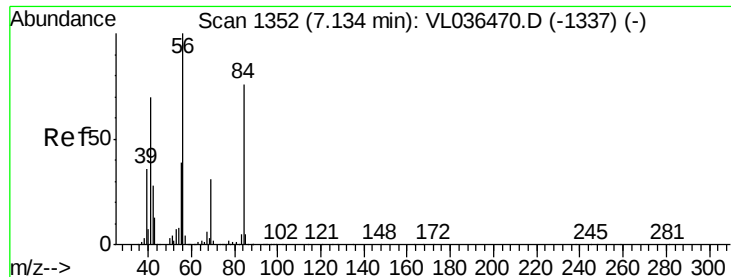
Tot Ion: 76 Resp: 1873303
Ion Ratio Lower Upper
76 100
44 21.3 17.5 26.3
78 9.3 8.6 13.0



#29
Chloroform
Concen: 0.067 ppbv
RT: 5.76 min Scan# 924
Delta R.T. 0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 83 Resp: 14501
Ion Ratio Lower Upper
83 100
85 77.5 52.6 78.8

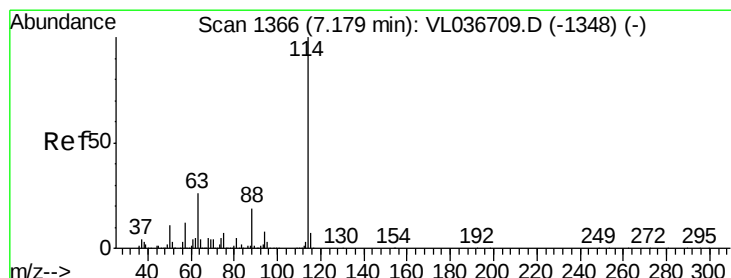
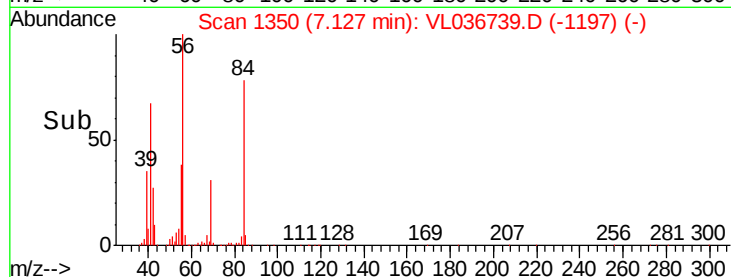
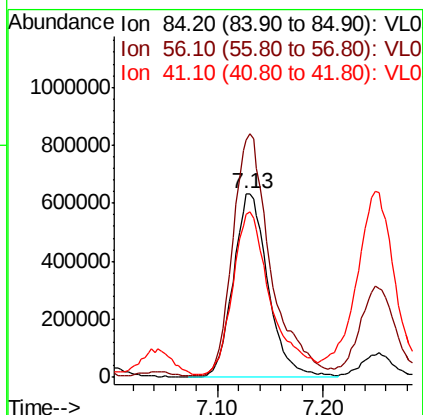
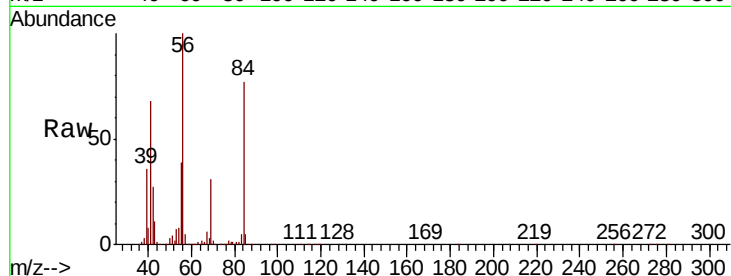




#30
Cyclohexane
Concen: 13.160 ppbv
RT: 7.13 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

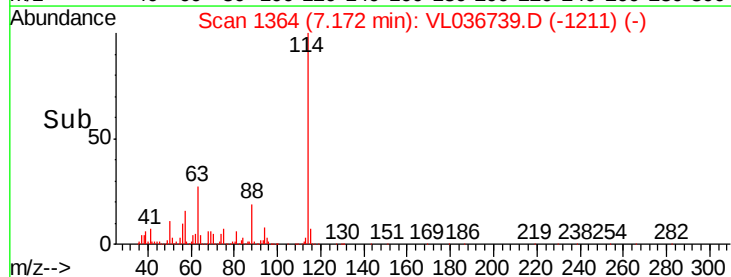
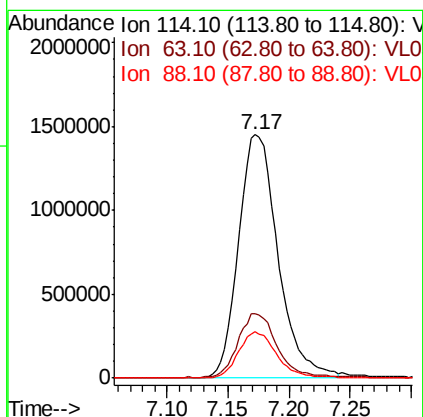
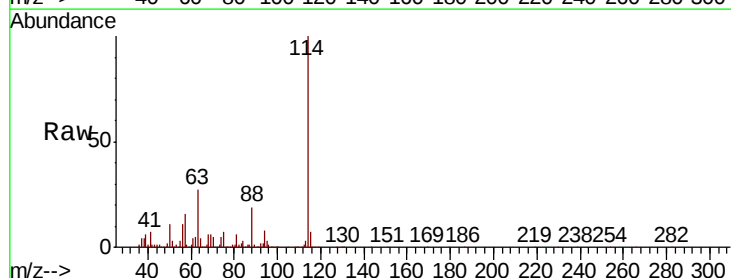
Instrument :
MSVOA_L
ClientSampled :
FS-SV02

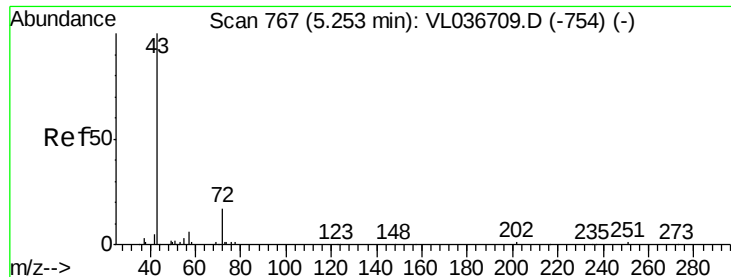
Tot Ion: 84 Resp: 1442076
Ion Ratio Lower Upper
84 100
56 144.5 114.6 171.8
41 98.8 75.3 112.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 114 Resp: 3250607
Ion Ratio Lower Upper
114 100
63 27.3 22.4 33.6
88 18.5 15.4 23.0

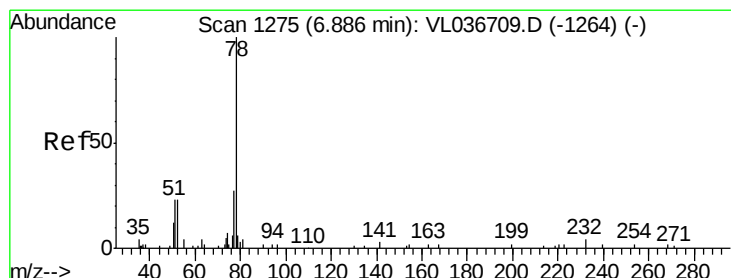
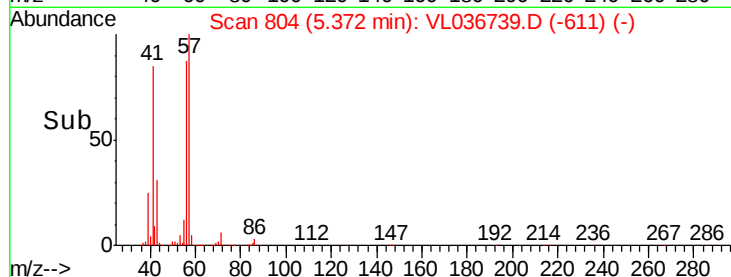
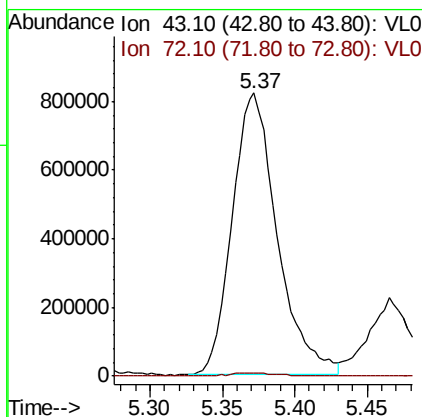
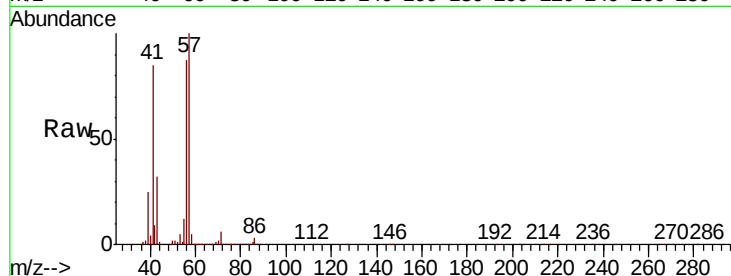




#34
2-Butanone
Concen: 11.170 ppbv
RT: 5.37 min Scan# 804
Delta R.T. 0.12 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

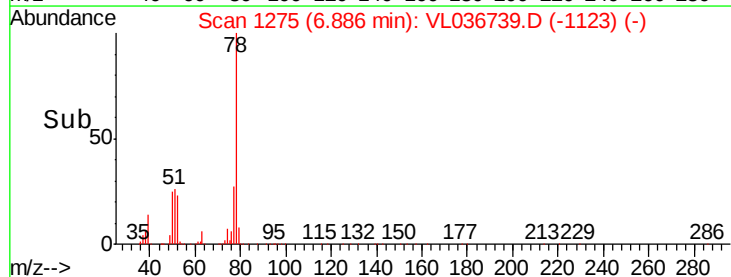
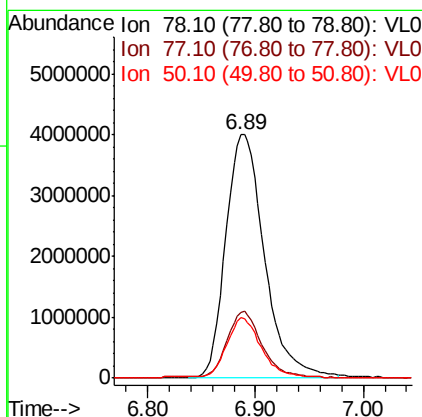
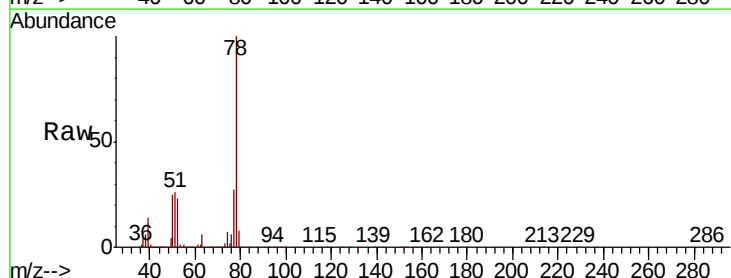
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

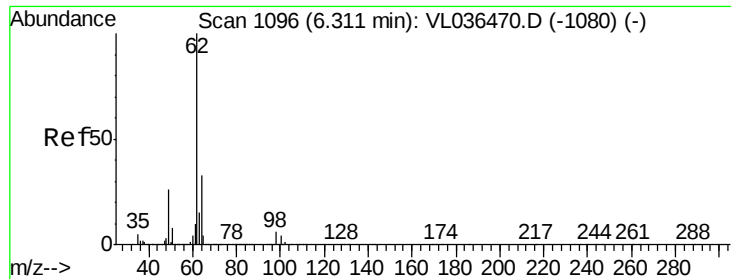
Tot Ion: 43 Resp: 1772425
Ion Ratio Lower Upper
43 100
72 1.4 17.0 25.6#



#36
Benzene
Concen: 33.278 ppbv
RT: 6.89 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 78 Resp: 9976570
Ion Ratio Lower Upper
78 100
77 26.6 18.0 27.0
50 24.6 16.5 24.7

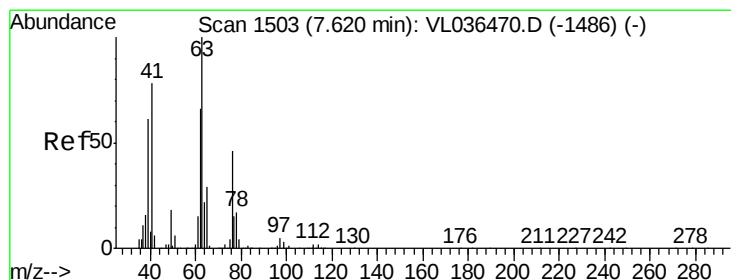
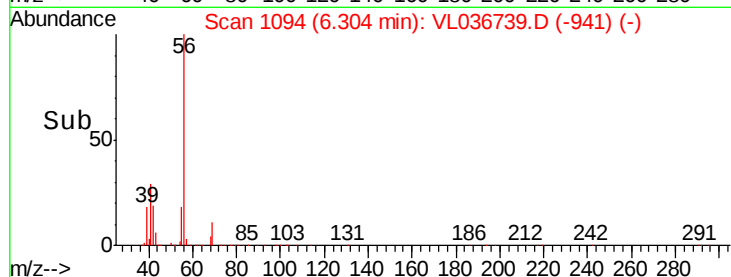
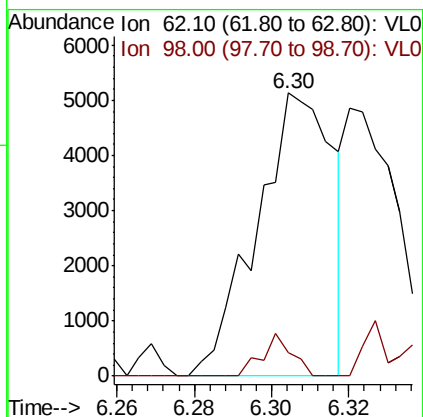
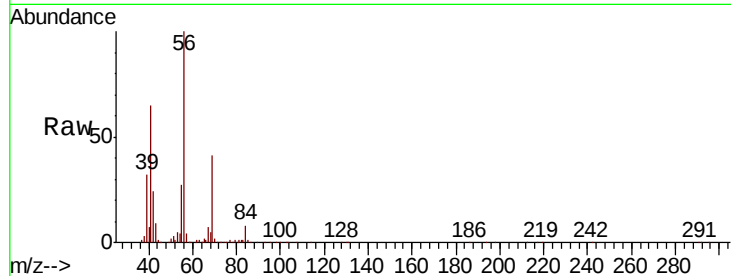




#37
 1,2-Dichloroethane
 Concen: 0.040 ppbv
 RT: 6.30 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

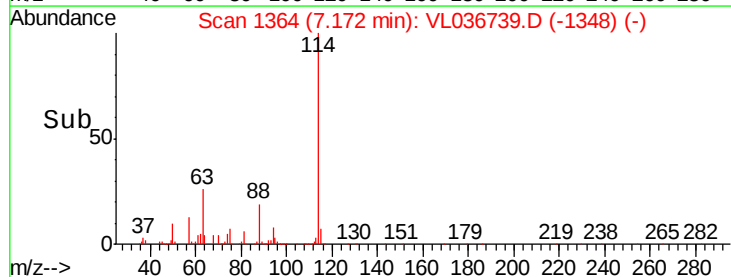
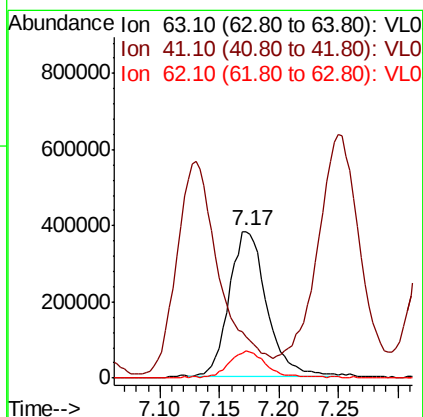
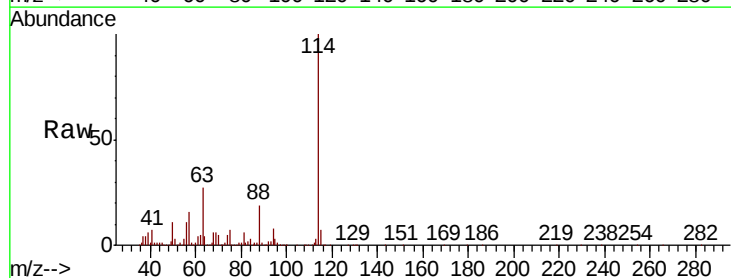
Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV02

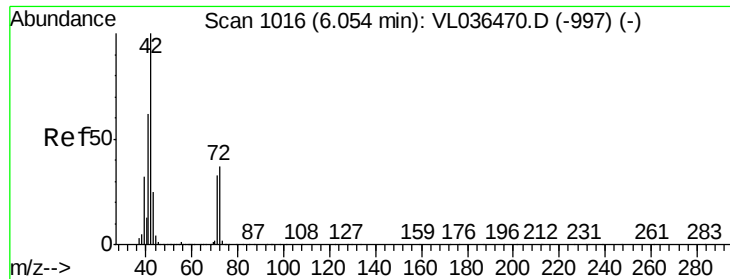
Tot Ion: 62 Resp: 7025
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.9 7.3#



#39
 1,2-Dichloropropane
 Concen: 6.873 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.45 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

Tgt Ion: 63 Resp: 835818
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 17.9 52.8 79.2#

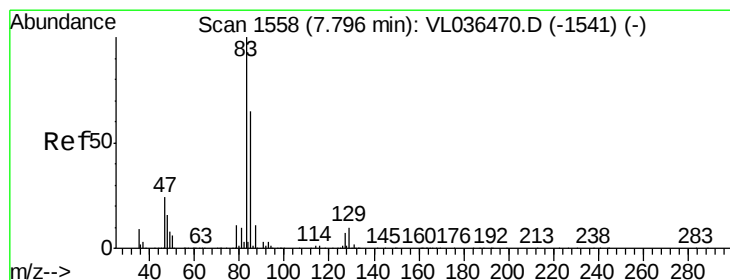
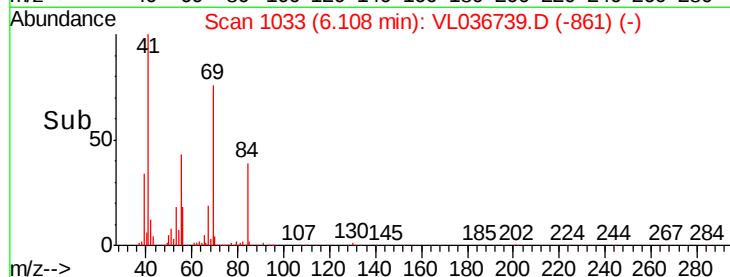
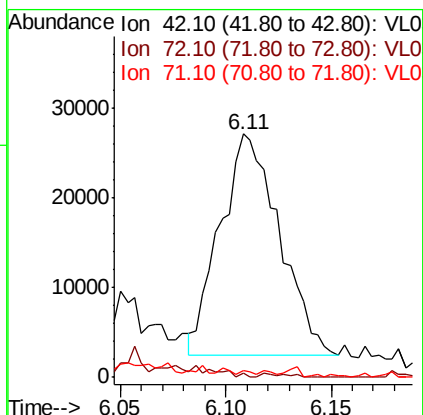
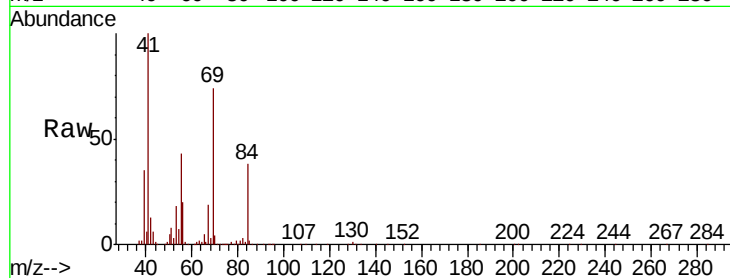




#41
Tetrahydrofuran
Concen: 0.656 ppbv
RT: 6.11 min Scan# 1033
Delta R.T. 0.05 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

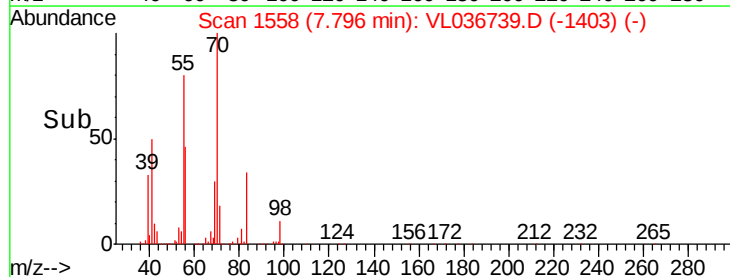
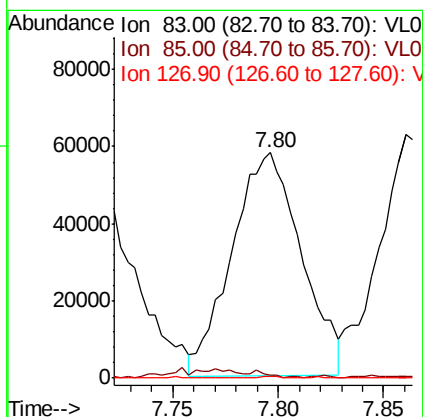
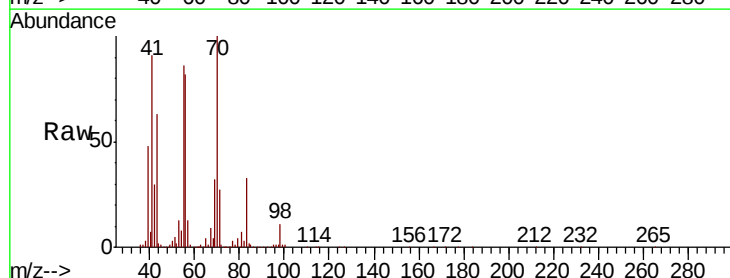
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

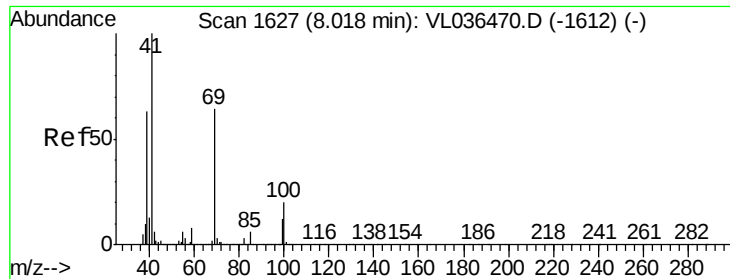
Tot Ion: 42 Resp: 47992
Ion Ratio Lower Upper
42 100
72 10.2 27.6 41.4#
71 0.0 27.0 40.4#



#42
Bromodichloromethane
Concen: 0.551 ppbv
RT: 7.80 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 83 Resp: 132258
Ion Ratio Lower Upper
83 100
85 1.8 51.8 77.6#
127 0.6 5.8 8.8#

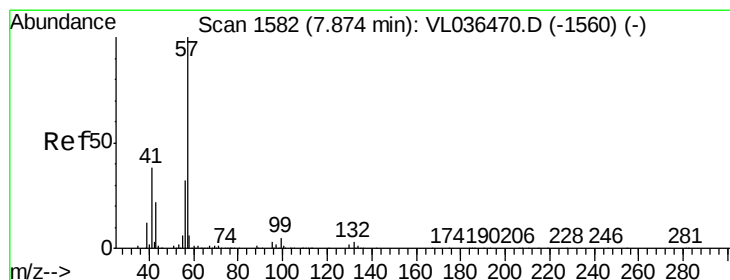
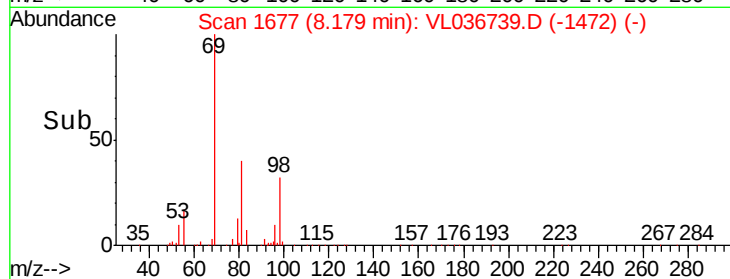
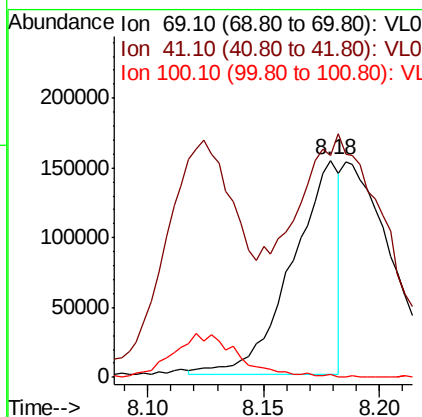
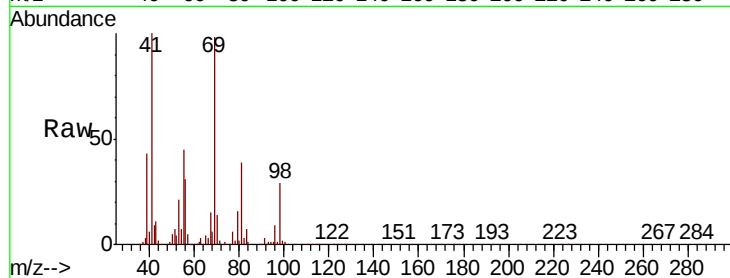




#43
Methvl Methacrilate
Concen: 2.125 ppbv
RT: 8.18 min Scan# 1677
Delta R.T. 0.16 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

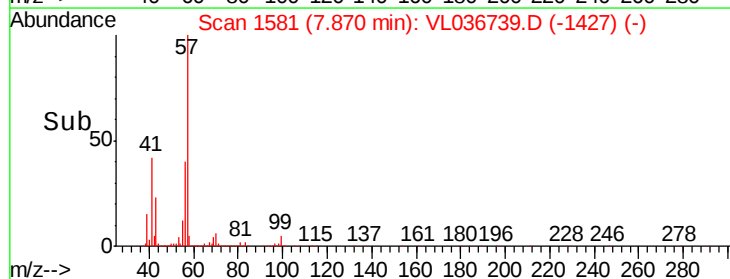
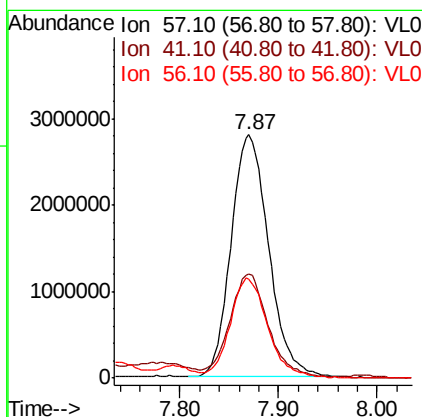
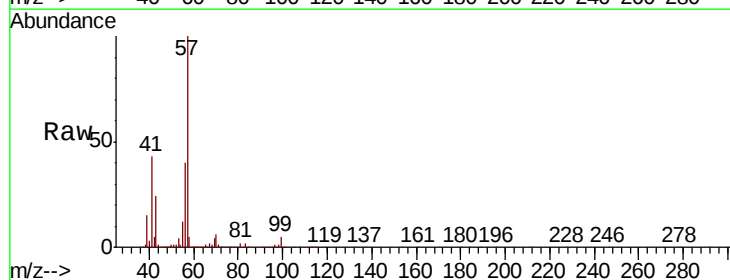
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

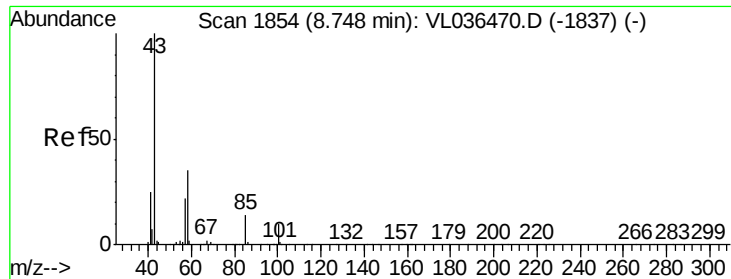
Tot Ion: 69 Resp: 213922
Ion Ratio Lower Upper
69 100
41 156.7 126.8 190.2
100 29.5 24.9 37.3



#44
2,2,4-Trimethylpentane
Concen: 14.018 ppbv
RT: 7.87 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 57 Resp: 7396604
Ion Ratio Lower Upper
57 100
41 44.8 28.8 43.2#
56 42.0 26.1 39.1#

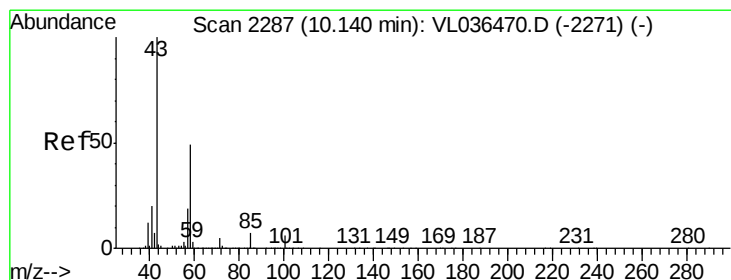
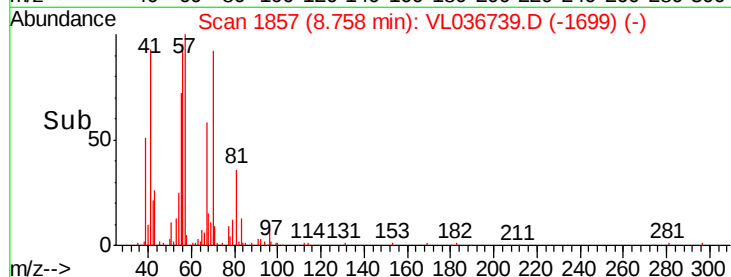
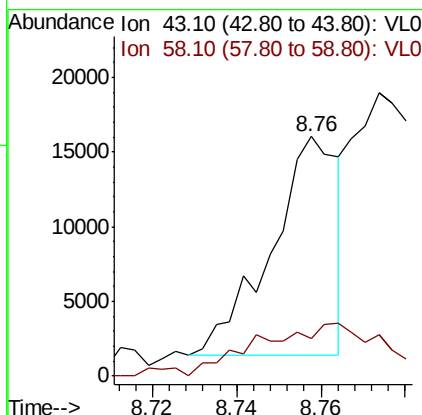
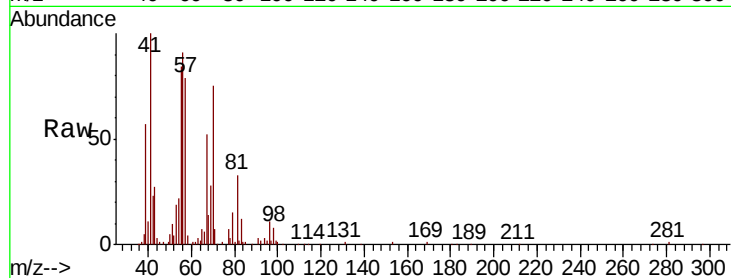




#50
4-Methyl-2-Pentanone
Concen: 0.071 ppbv
RT: 8.76 min Scan# 1857
Delta R.T. 0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

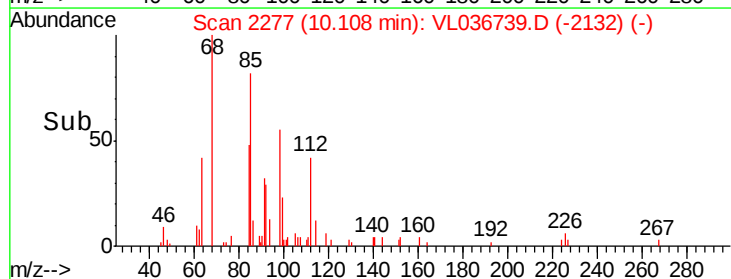
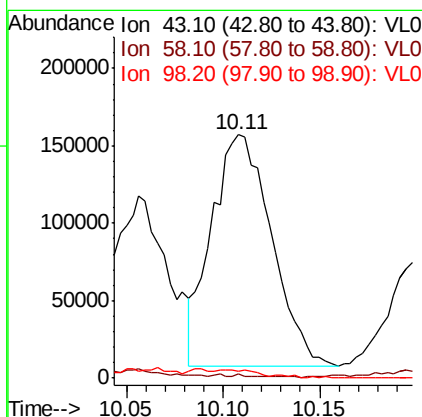
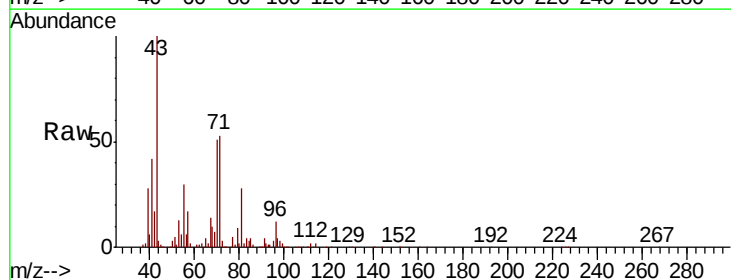
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

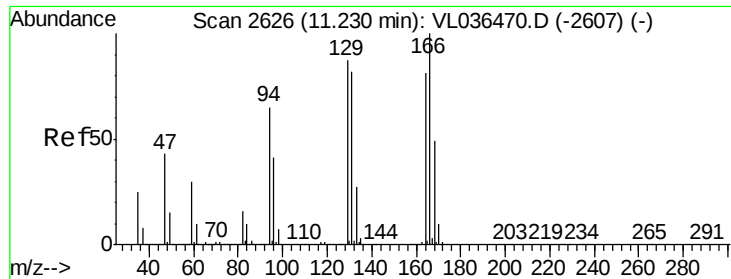
Tot Ion: 43 Resp: 16209
Ion Ratio Lower Upper
43 100
58 49.3 28.2 42.2#



#51
2-Hexanone
Concen: 2.767 ppbv
RT: 10.11 min Scan# 2277
Delta R.T. -0.03 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 43 Resp: 320593
Ion Ratio Lower Upper
43 100
58 0.0 37.7 56.5#
98 4.8 0.2 0.2#





#52

Tetrachloroethene

Concen: 0.329 ppbv

RT: 11.21 min Scan# 2621

Delta R.T. -0.02 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

FS-SV02

Tot Ion:164 Resp: 36355

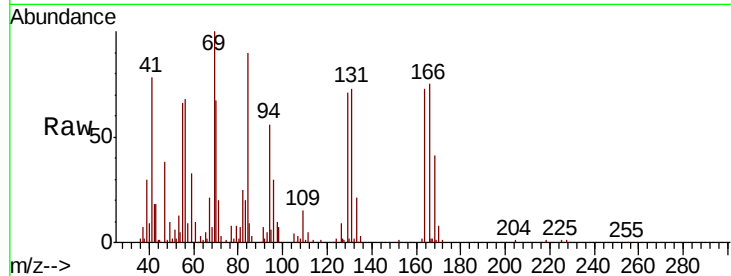
Ion Ratio Lower Upper

164 100

166 102.5 98.3 147.5

129 97.8 85.8 128.8

131 98.9 80.9 121.3

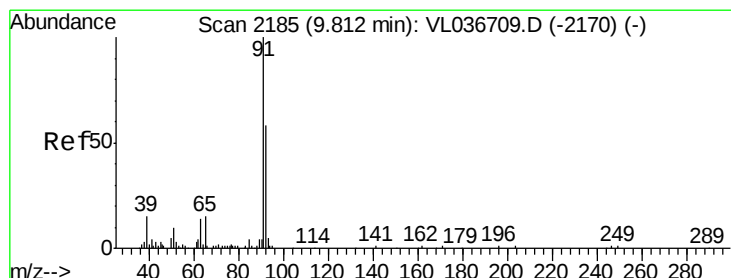
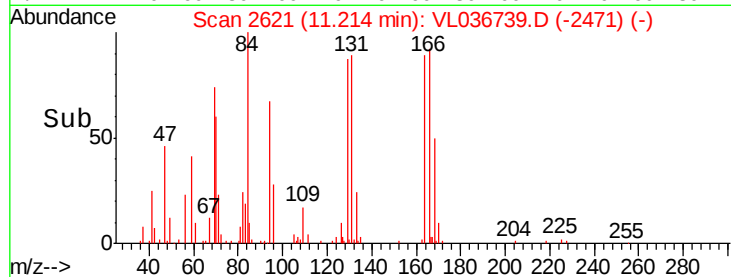
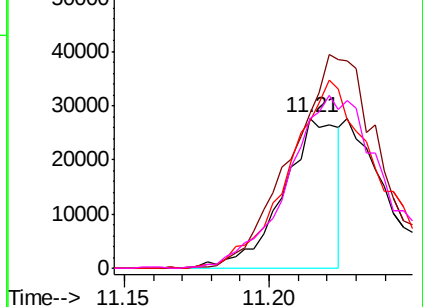


Abundance Ion 163.90 (163.60 to 164.60): V

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: 23.353 ppbv

RT: 9.80 min Scan# 2182

Delta R.T. -0.01 min

Lab File: VL036739.D

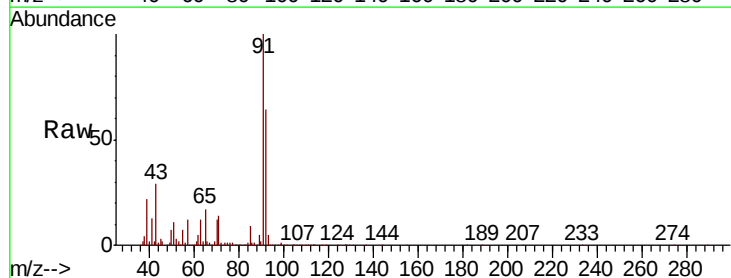
Acq: 7 Apr 2021 23:21

Tgt Ion: 91 Resp: 7455776

Ion Ratio Lower Upper

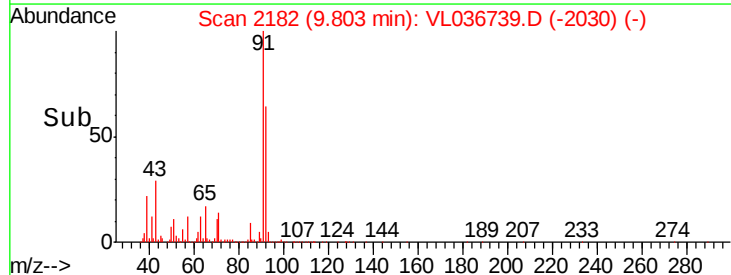
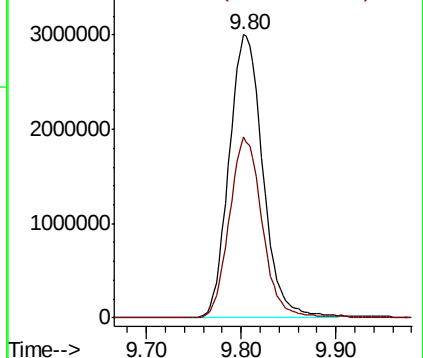
91 100

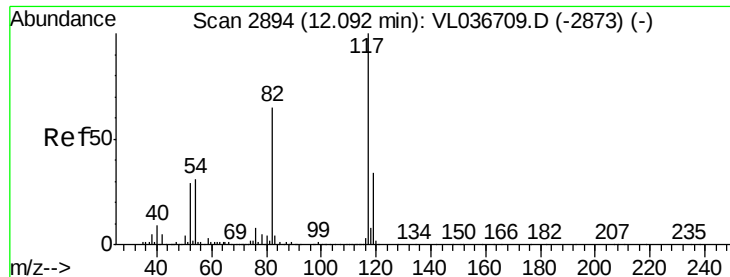
92 62.7 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

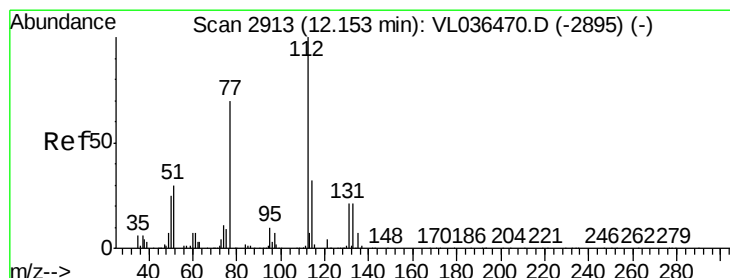
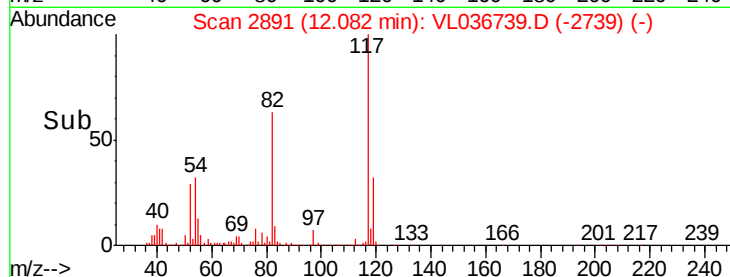
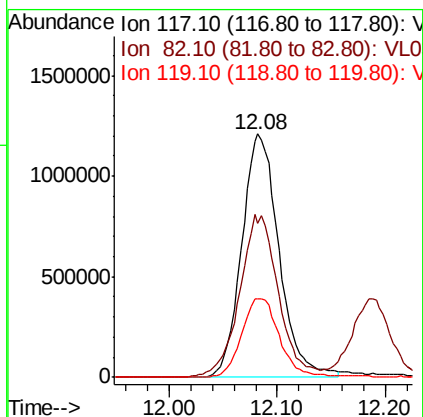
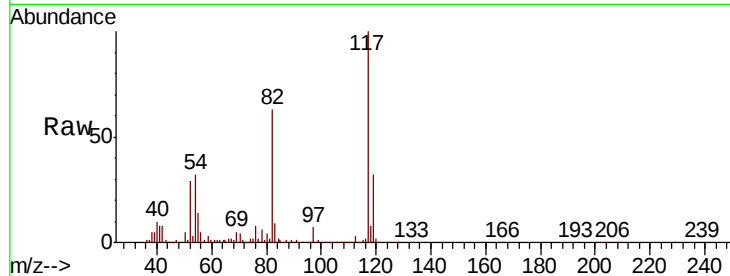




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

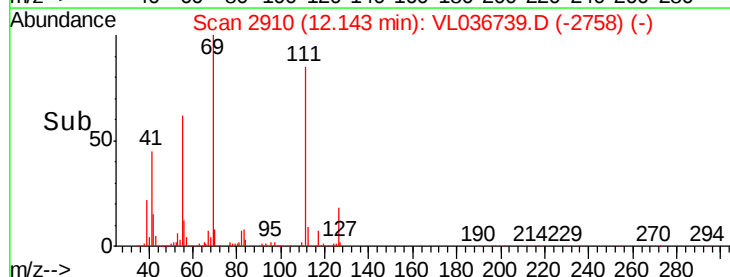
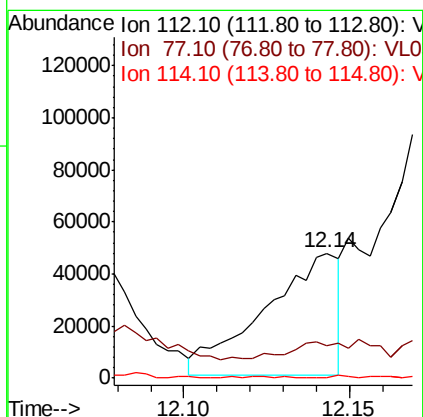
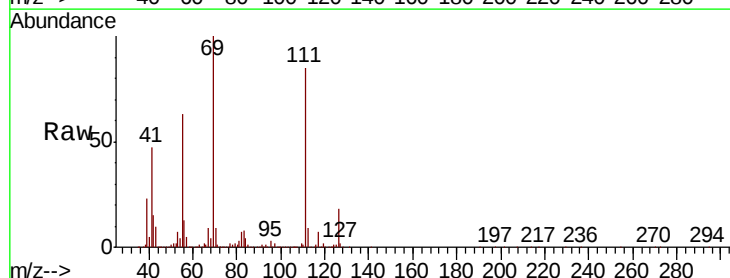
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

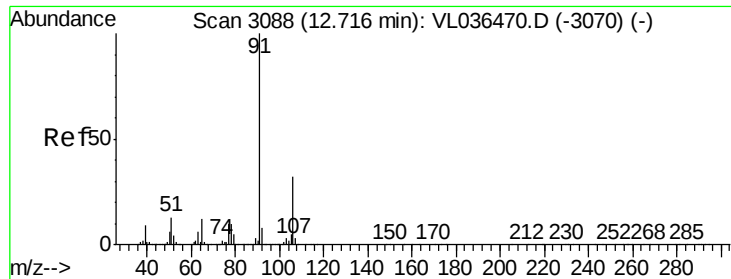
Tot Ion:117 Resp: 2903831
Ion Ratio Lower Upper
117 100
82 69.4 57.4 86.0
119 33.9 47.4 71.0#



#57
Chlorobenzene
Concen: 0.299 ppbv
RT: 12.14 min Scan# 2910
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion:112 Resp: 73915
Ion Ratio Lower Upper
112 100
77 4.9 56.0 84.0#
114 0.0 29.0 35.4#





#58

Ethyl Benzene

Concen: 3.117 ppbv

RT: 12.71 min Scan# 3086

Delta R.T. -0.01 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

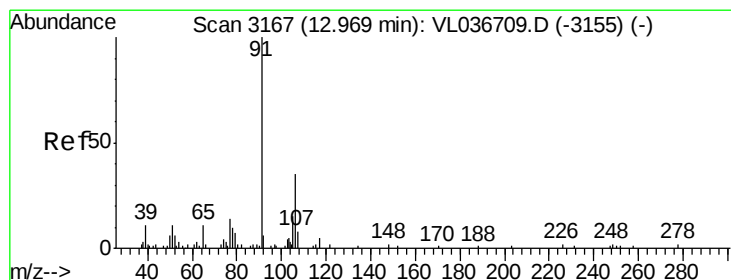
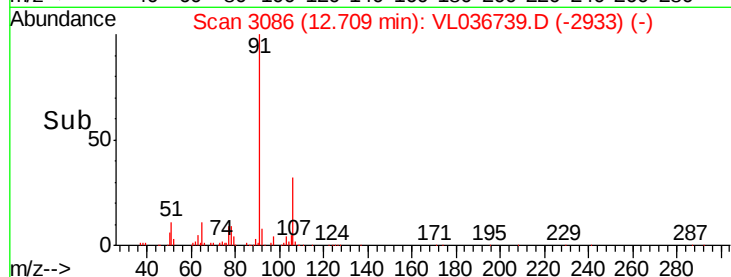
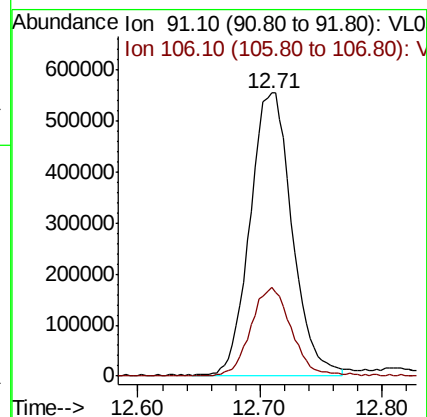
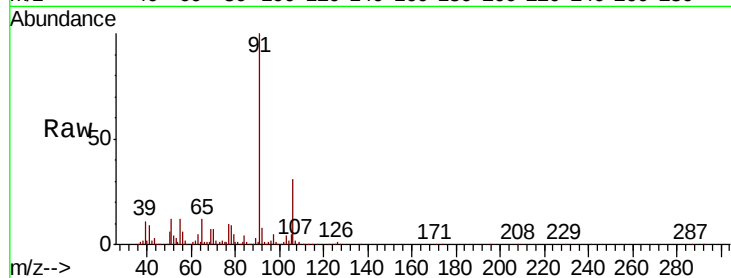
FS-SV02

Tot Ion: 91 Resp: 1316751

Ion Ratio Lower Upper

91 100

106 31.4 25.3 37.9



#59

m/p-Xylene

Concen: 2.570 ppbv

RT: 13.00 min Scan# 3175

Delta R.T. -0.01 min

Lab File: VL036739.D

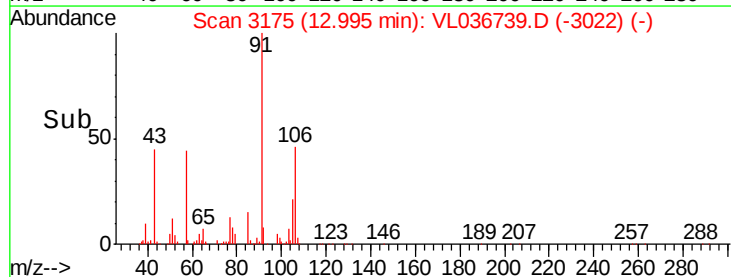
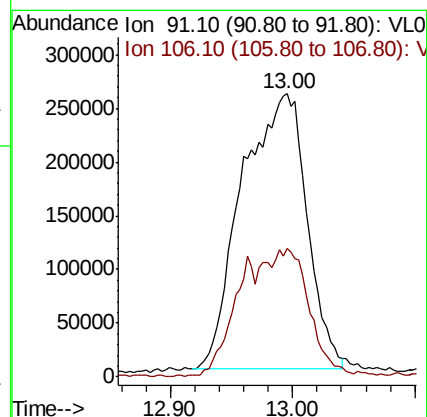
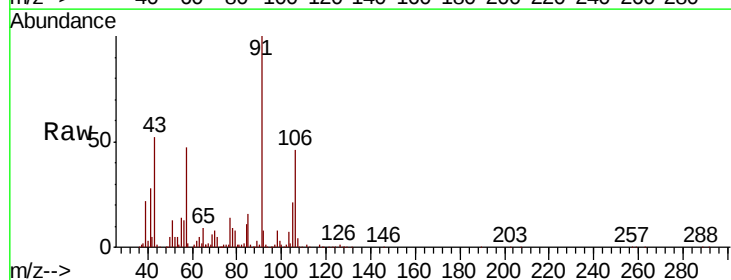
Acq: 7 Apr 2021 23:21

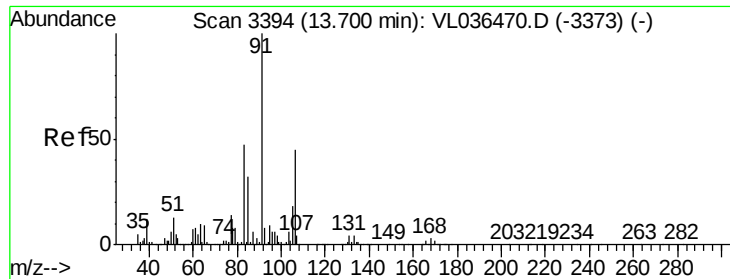
Tgt Ion: 91 Resp: 946944

Ion Ratio Lower Upper

91 100

106 48.6 35.3 52.9

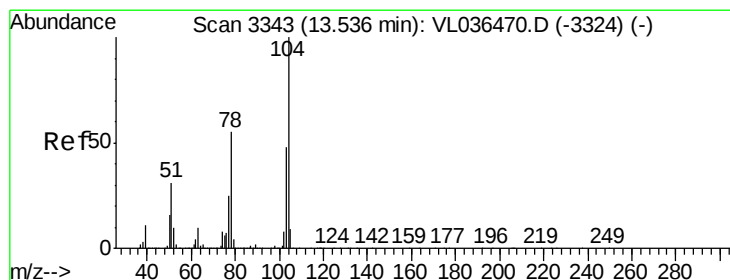
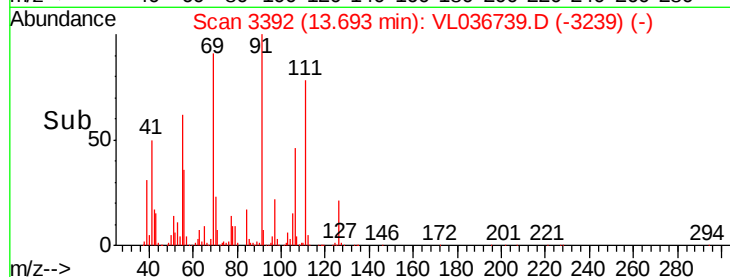
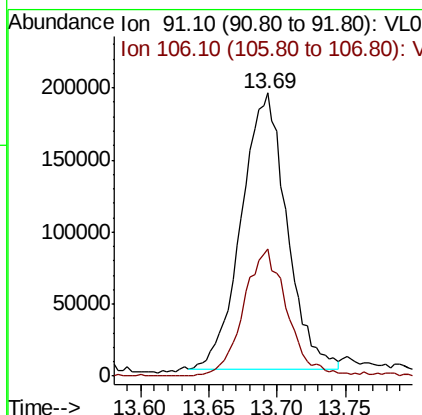
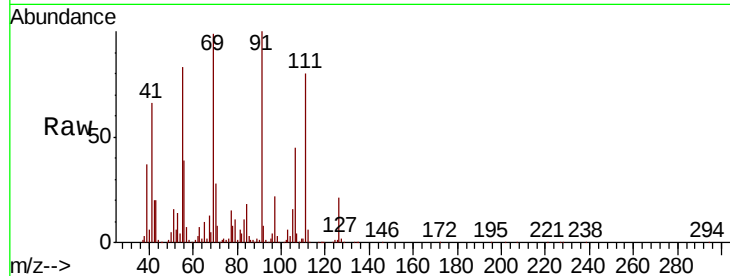




#60
o-Xylene
Concen: 1.241 ppbv
RT: 13.69 min Scan# 3392
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

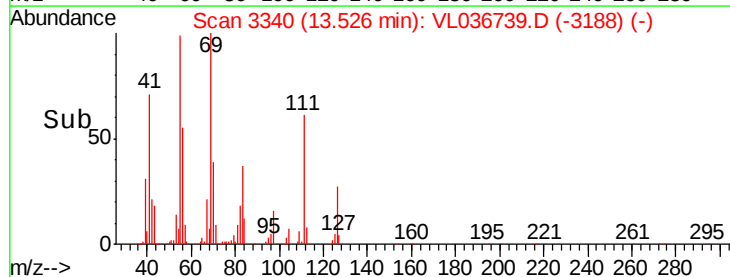
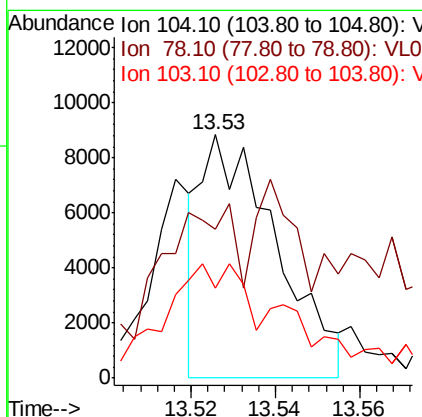
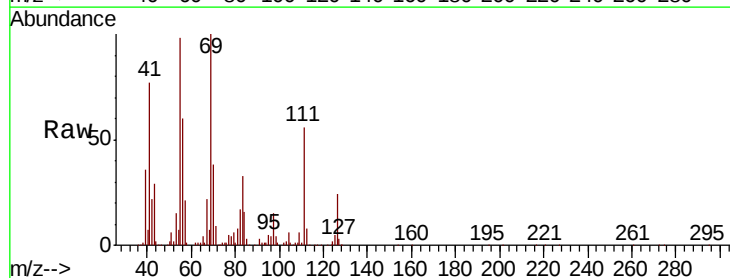
Instrument :
MSVOA_L
ClientSampled :
FS-SV02

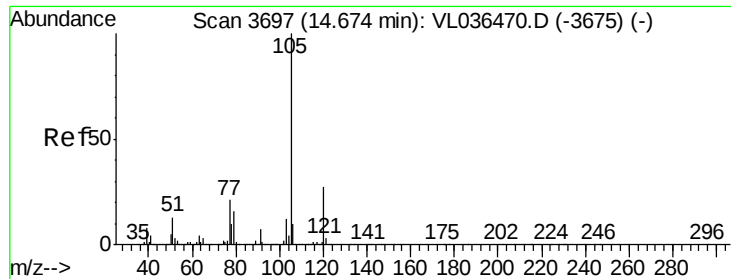
Tot Ion: 91 Resp: 442260
Ion Ratio Lower Upper
91 100
106 44.1 22.3 66.9



#61
Styrene
Concen: 0.061 ppbv
RT: 13.53 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 104 Resp: 10925
Ion Ratio Lower Upper
104 100
78 180.9 43.8 65.8#
103 102.6 38.3 57.5#





#62

Isopropylbenzene

Concen: 0.063 ppbv

RT: 14.67 min Scan# 3695

Delta R.T. -0.01 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

Instrument :

MSVOA_L

ClientSampleId :

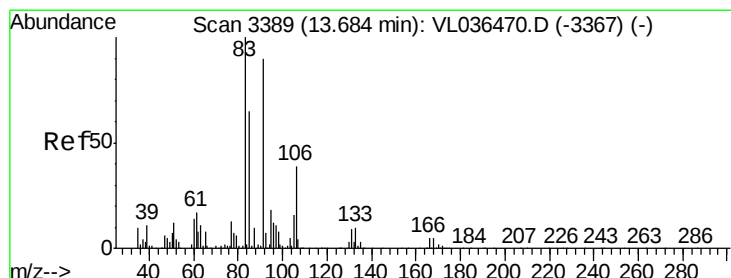
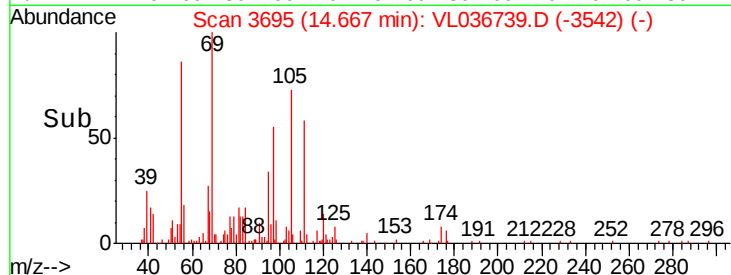
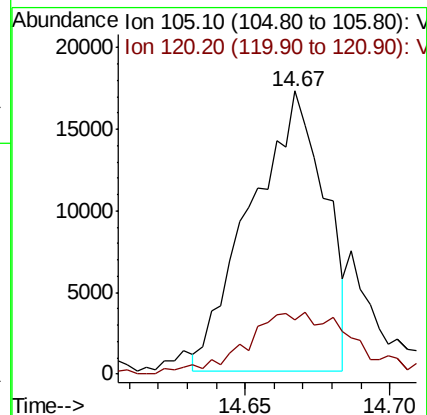
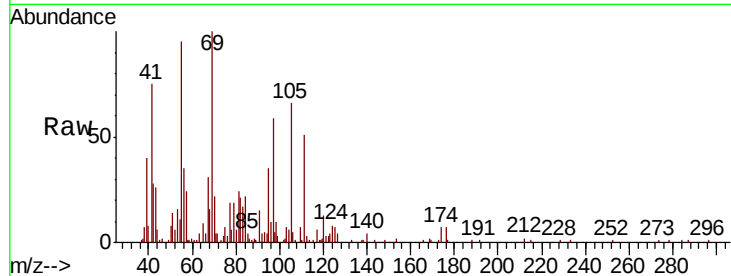
FS-SV02

Tot Ion:105 Resp: 30293

Ion Ratio Lower Upper

105 100

120 33.1 20.6 31.0#



#63

1,1,2,2-Tetrachloroethane

Concen: 0.331 ppbv

RT: 13.66 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VL036739.D

Acq: 7 Apr 2021 23:21

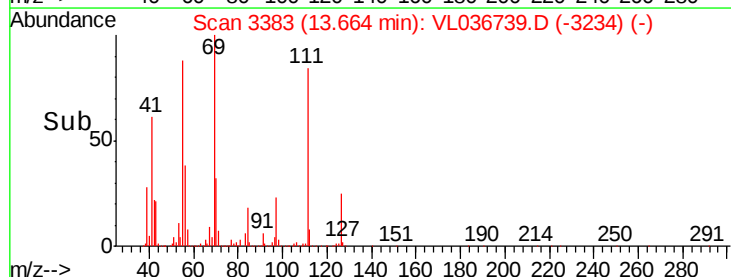
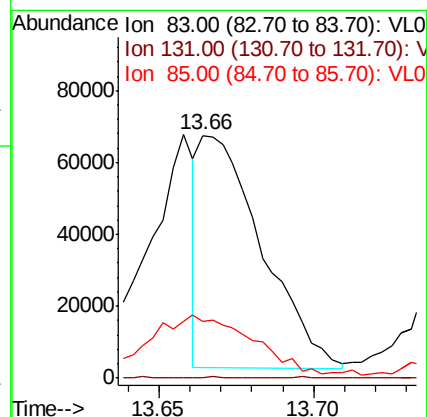
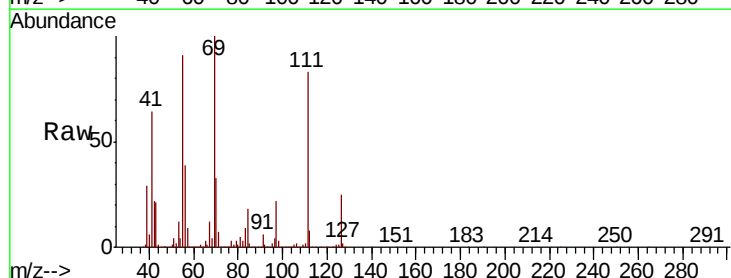
Tgt Ion: 83 Resp: 89982

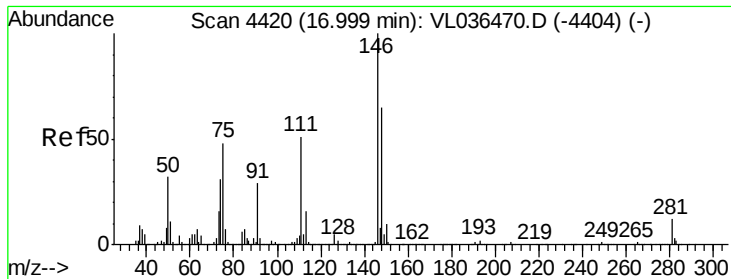
Ion Ratio Lower Upper

83 100

131 0.2 4.7 14.0#

85 44.2 33.1 99.3

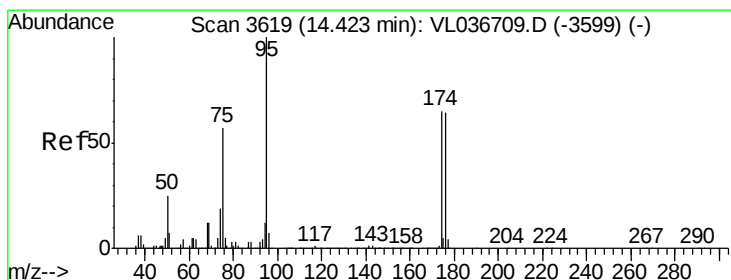
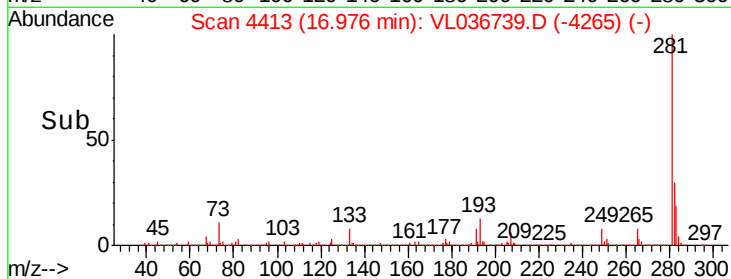
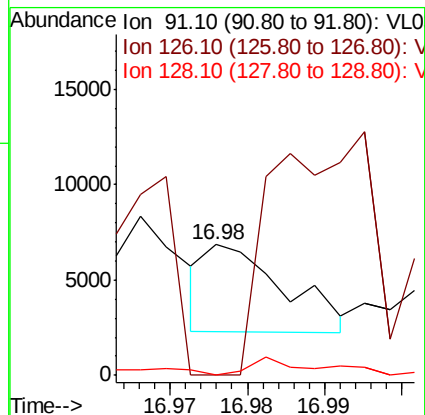
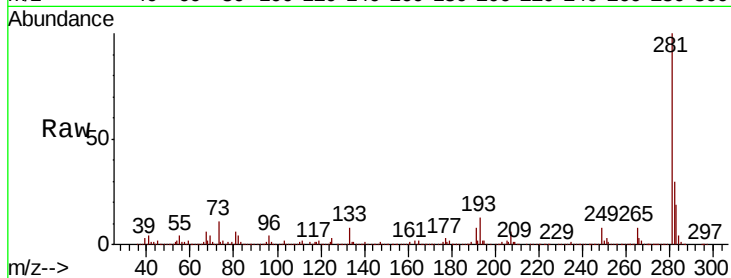




#66
Benzvl Chloride
Concen: 0.070 ppbv
RT: 16.98 min Scan# 4413
Delta R.T. -0.02 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

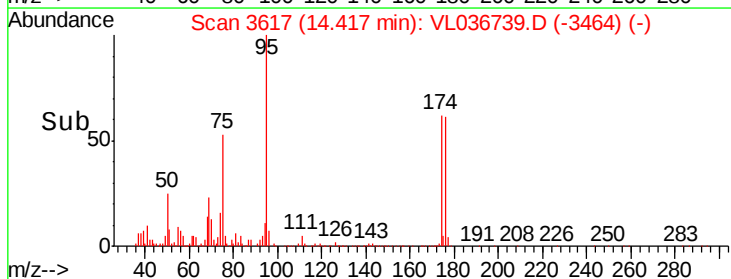
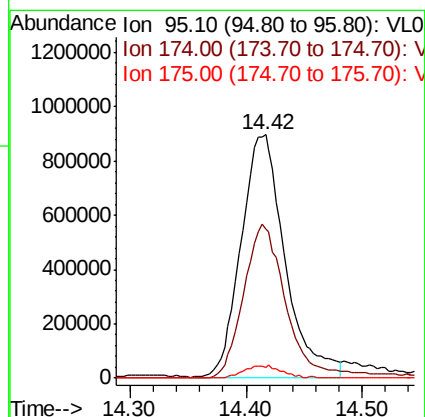
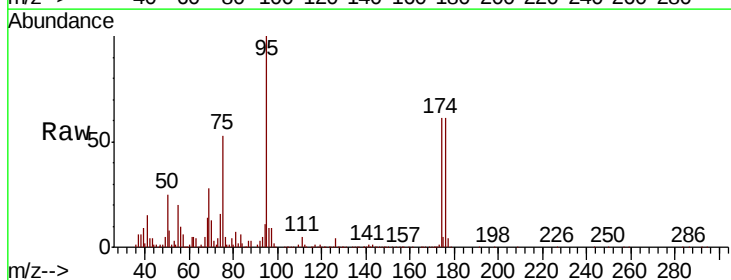
Instrument :
MSVOA_L
ClientSampleId :
FS-SV02

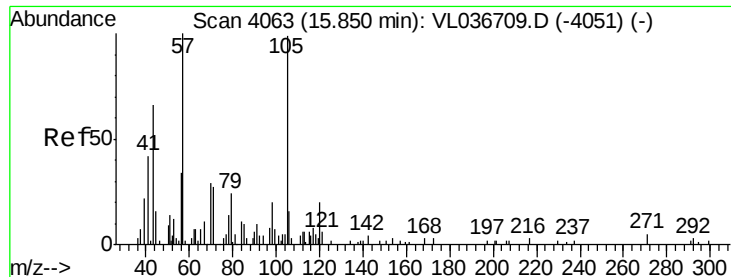
Tot Ion: 91 Resp: 3197
Ion Ratio Lower Upper
91 100
126 0.0 13.5 20.3#
128 29.9 4.2 6.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.160 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.01 min
Lab File: VL036739.D
Acq: 7 Apr 2021 23:21

Tgt Ion: 95 Resp: 2351301
Ion Ratio Lower Upper
95 100
174 63.4 51.0 76.6
175 4.9 3.9 5.9





#72
 4-Ethyltoluene
 Concen: 0.086 ppbv
 RT: 15.84 min Scan# 4059
 Delta R.T. -0.01 min
 Lab File: VL036739.D
 Acq: 7 Apr 2021 23:21

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-SV02

Tot Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	36.0#
91	0.0	11.0	16.4#
77	52.9	11.7	17.5#

