

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036635.D
 Acq On : 1 Apr 2021 16:47
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:23:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	938213	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	2462438	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2344990	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1821826	9.75	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.50%

Target Compounds

					Ovalue	
3) Chlorodifluoromethane	3.21	51	224359	1.280	ppbv	# 59
4) Chloromethane	3.21	50	263535	4.256	ppbv	# 67
5) Vinyl Chloride	3.26	62	1604	0.025	ppbv	# 76
7) Chloroethane	3.87	64	9567	0.437	ppbv	# 1
9) Propene	3.21	41	9199513	164.622	ppbv	100
10) Heptane	8.19	43	13480430	94.691	ppbv	88
13) Ethanol	3.63	45	1678	0.252	ppbv	# 50
15) Acetone	3.88	43	50976180	552.036	ppbv	# 68
16) 1,3-Butadiene	3.35	39	18682106	290.596	ppbv	# 15
18) 1,1-Dichloroethene	4.30	96	1381	0.031	ppbv	# 19
19) Isopropyl Alcohol	3.98	45	1189	0.023	ppbv	# 89
20) Methylene Chloride	4.37	84	7330	0.170	ppbv	# 1
21) Allyl Chloride	4.39	41	12338939	167.623	ppbv	# 66
22) trans-1,2-Dichloroethene	4.91	96	1621	0.039	ppbv	# 32
23) Vinyl Acetate	5.10	43	24320517	153.972	ppbv	# 1
24) 1,1-Dichloroethane	5.10	63	342798	2.977	ppbv	# 90
25) Ethyl Acetate	5.74	43	19372175	88.241	ppbv	# 78
26) Hexane	5.74	57	23807552	233.685	ppbv	# 46
27) Carbon Disulfide	4.57	76	3836	0.038	ppbv	# 60
28) Methyl tert-Butyl Ether	5.07	73	432758	3.602	ppbv	# 52
29) Chloroform	5.87	83	170271	1.045	ppbv	# 1
30) Cyclohexane	7.17	84	6862250	83.053	ppbv	87
34) 2-Butanone	5.16	43	38488955	320.208	ppbv	# 69
36) Benzene	6.93	78	12608464	55.519	ppbv	# 84
37) 1,2-Dichloroethane	6.37	62	150290	1.124	ppbv	# 82
39) 1,2-Dichloropropane	7.55	63	98097	1.065	ppbv	# 1
41) Tetrahydrofuran	6.15	42	1343664	24.244	ppbv	# 41
42) Bromodichloromethane	7.84	83	2512822	13.821	ppbv	# 25
43) Methyl Methacrylate	7.98	69	715324	9.380	ppbv	# 1
44) 2,2,4-Trimethylpentane	7.84	57	748136	1.872	ppbv	# 1
47) 1,1,2-Trichloroethane	9.51	97	7751	0.083	ppbv	# 1
50) 4-Methyl-2-Pentanone	8.82	43	620573	3.568	ppbv	# 81
51) 2-Hexanone	10.15	43	4343195	49.484	ppbv	# 30
53) Toluene	9.85	91	8084	0.033	ppbv	# 1
58) Ethyl Benzene	12.74	91	416933	1.222	ppbv	95
59) m/p-Xylene	13.03	91	11085	0.037	ppbv	# 32
60) o-Xylene	13.73	91	8544	0.030	ppbv	# 31
62) Isopropylbenzene	14.69	105	154293	0.398	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.71	83	4588	0.021	ppbv	# 26
64) n-propylbenzene	15.58	120	16934	0.179	ppbv	79

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Response via : Initial Calibration

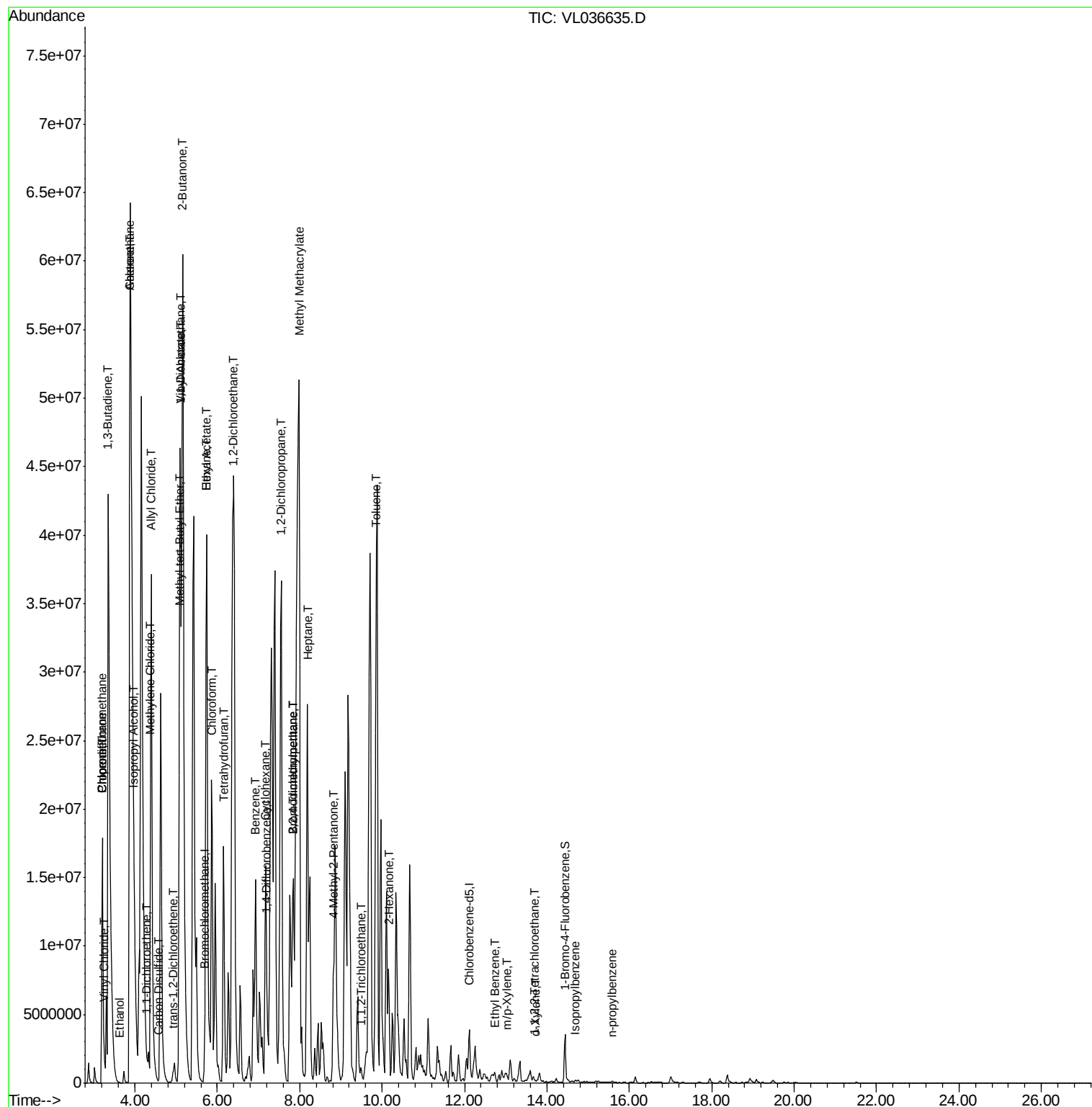
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.02 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

ClientSampleId :

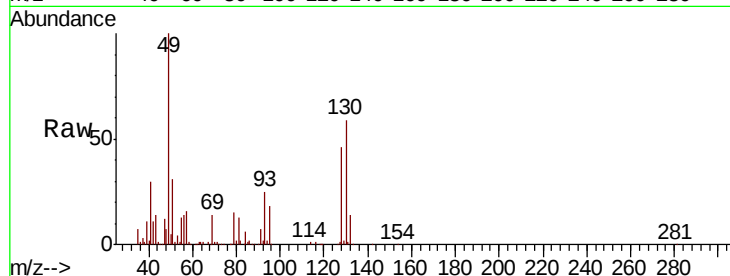
Tot Ion: 49 Resp: 938213

Ion Ratio Lower Upper

49 100

128 47.4 23.5 70.6

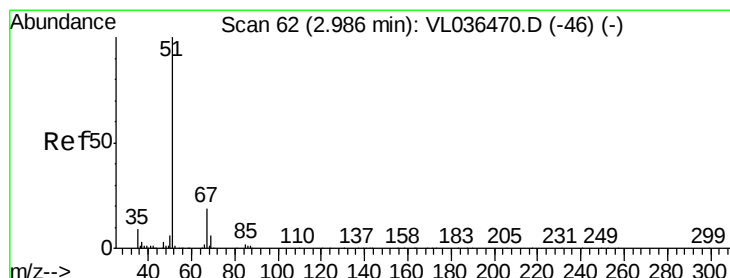
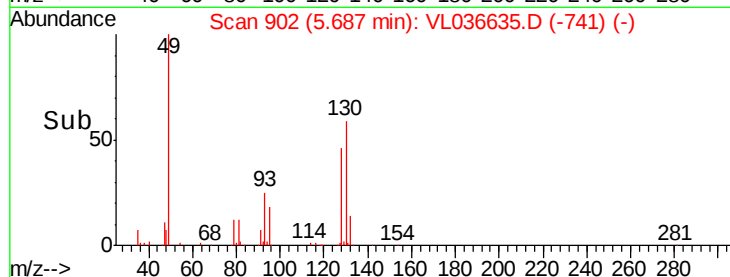
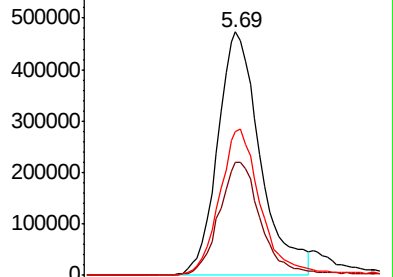
130 60.4 29.1 87.4



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: 1.280 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.22 min

Lab File: VL036635.D

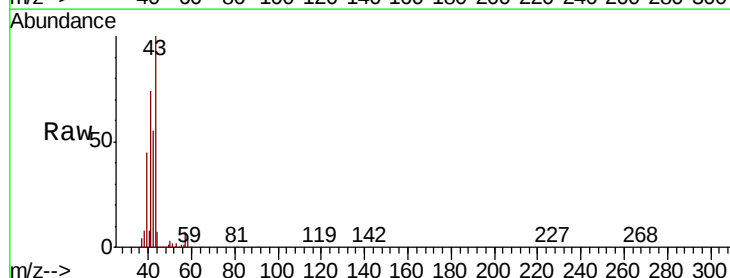
Acq: 1 Apr 2021 16:47

Tgt Ion: 51 Resp: 224359

Ion Ratio Lower Upper

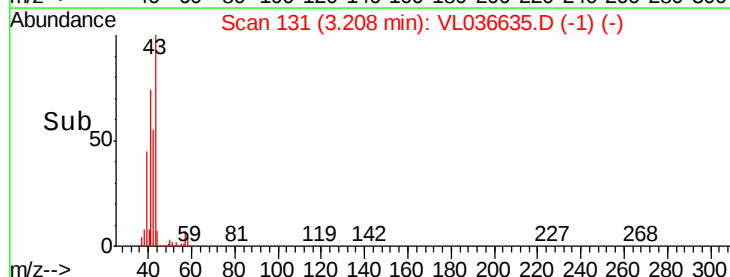
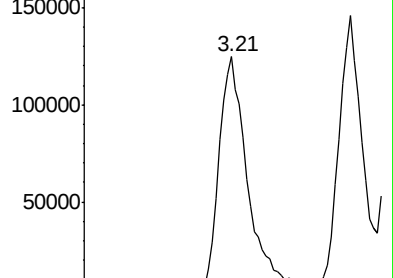
51 100

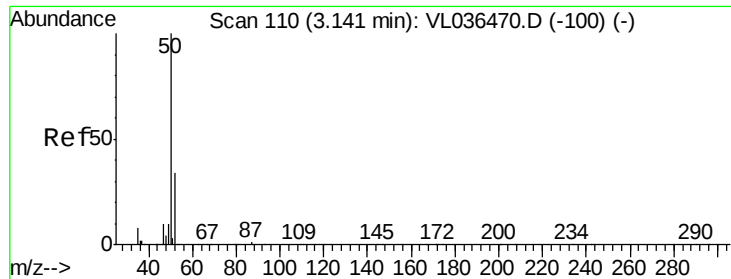
67 0.1 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 4.256 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.07 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

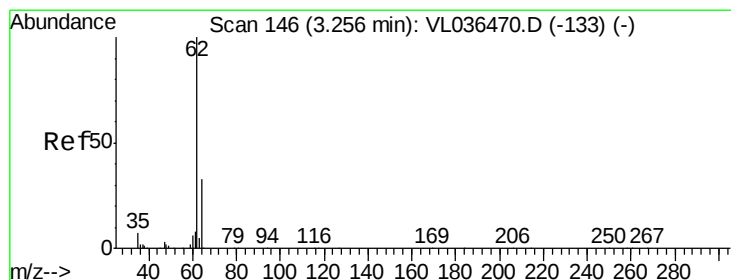
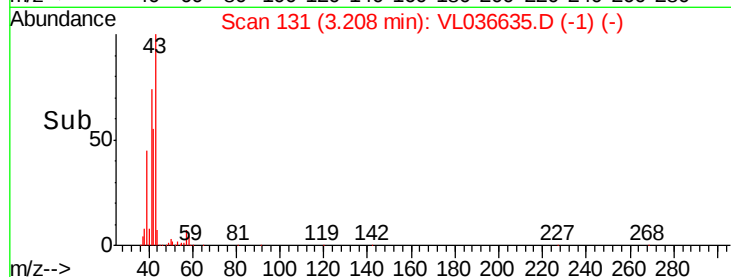
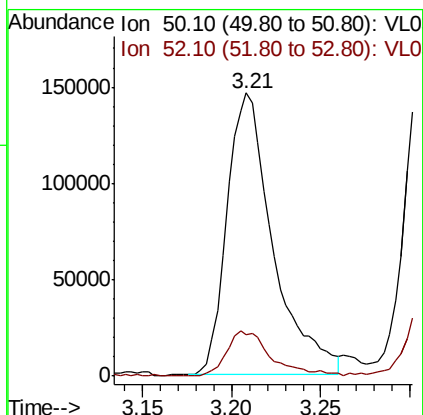
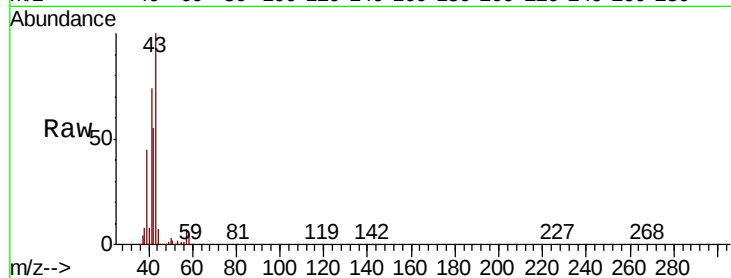
ClientSampleId :

Tot Ion: 50 Resp: 263535

Ion Ratio Lower Upper

50 100

52 14.7 27.0 40.6#



#5

Vinyl Chloride

Concen: 0.025 ppbv

RT: 3.26 min Scan# 147

Delta R.T. 0.00 min

Lab File: VL036635.D

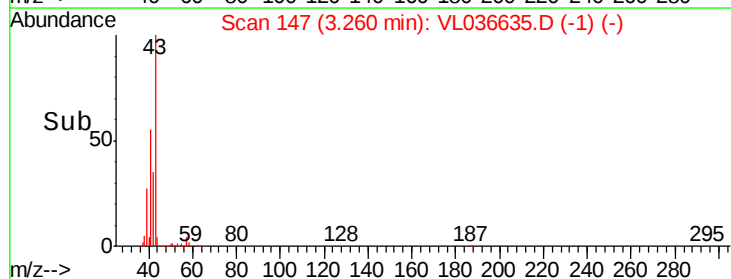
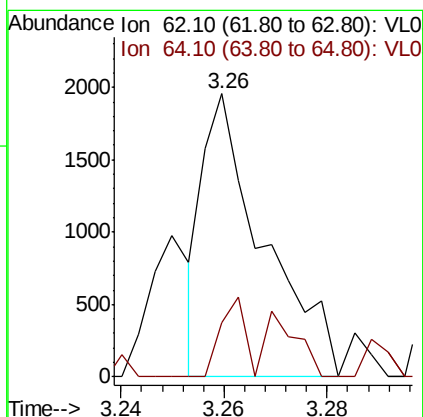
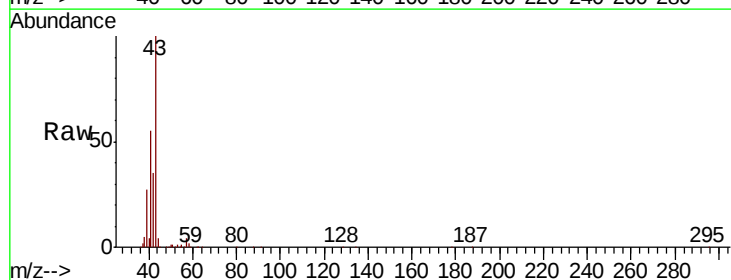
Acq: 1 Apr 2021 16:47

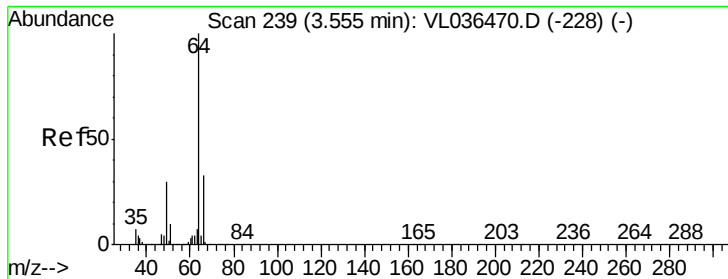
Tgt Ion: 62 Resp: 1604

Ion Ratio Lower Upper

62 100

64 19.3 26.4 39.6#





#7

Chloroethane

Concen: 0.437 ppbv

RT: 3.87 min Scan# 338

Delta R.T. 0.32 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

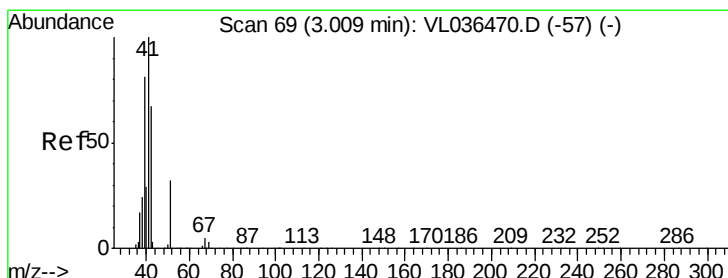
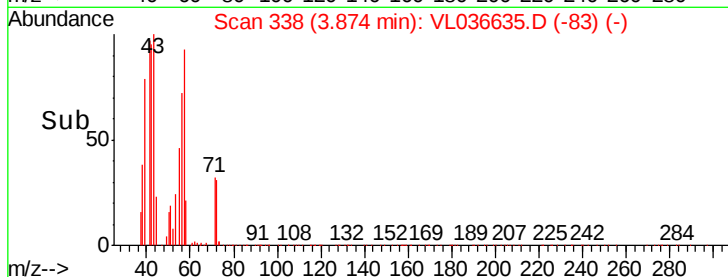
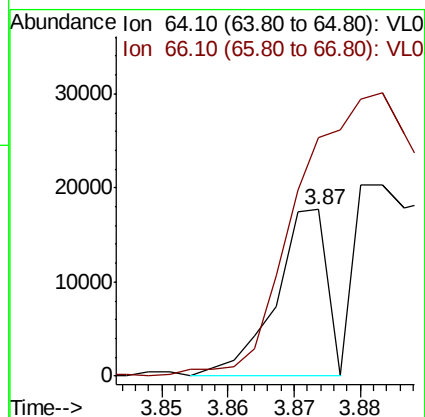
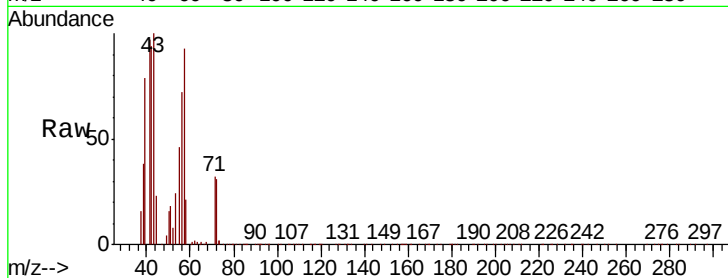
ClientSampleId :

Tot Ion: 64 Resp: 9567

Ion Ratio Lower Upper

64 100

66 143.4 26.2 39.2#



#9

Propene

Concen: 164.622 ppbv

RT: 3.21 min Scan# 131

Delta R.T. 0.20 min

Lab File: VL036635.D

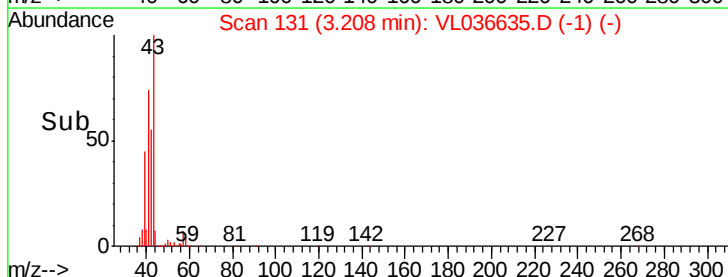
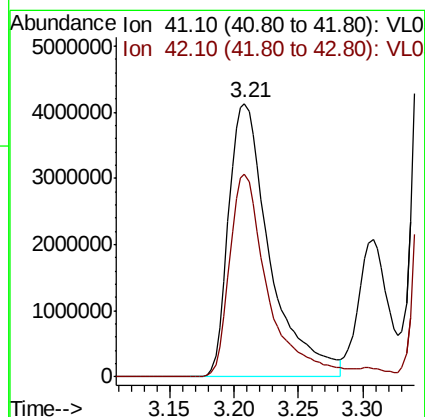
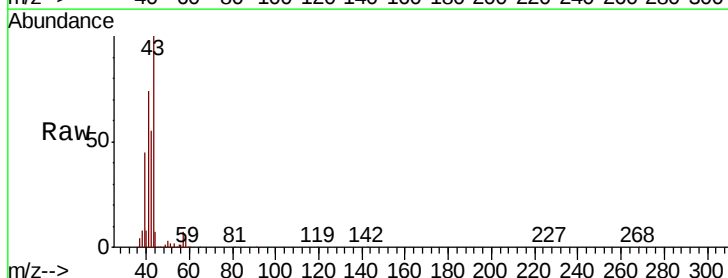
Acq: 1 Apr 2021 16:47

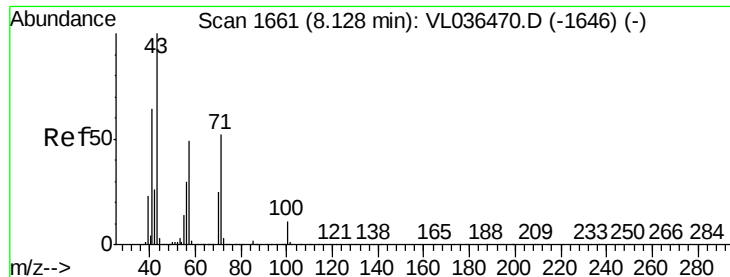
Tgt Ion: 41 Resp: 9199513

Ion Ratio Lower Upper

41 100

42 71.2 57.0 85.4

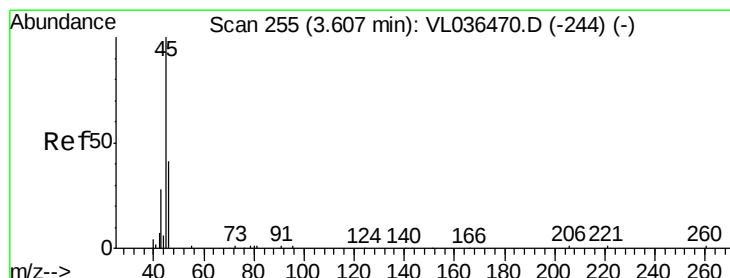
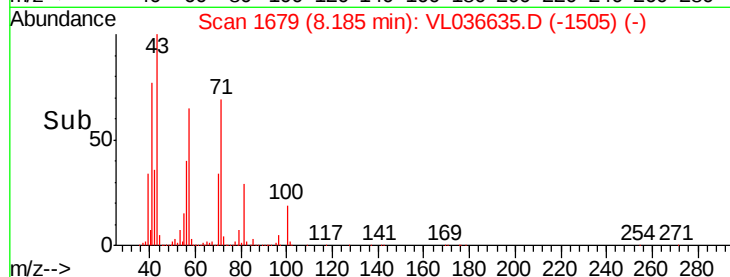
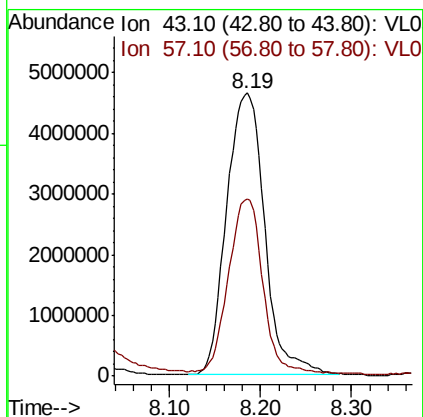
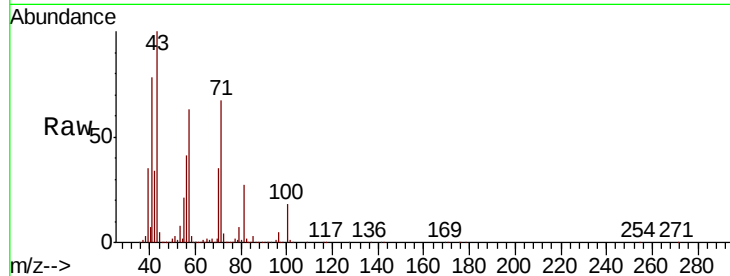




#10
Heptane
Concen: 94.691 ppbv
RT: 8.19 min Scan# 1679
Delta R.T. 0.06 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

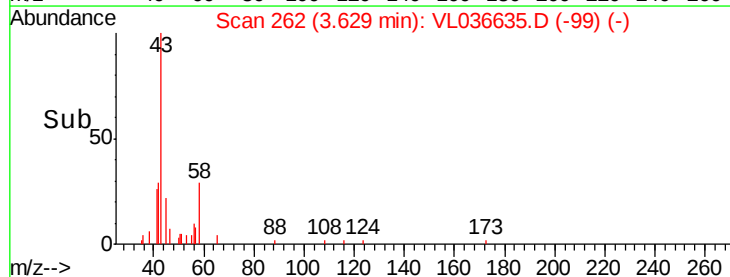
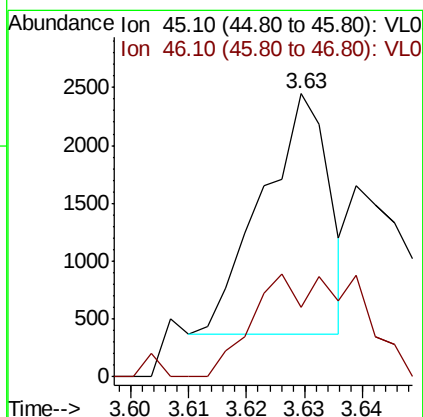
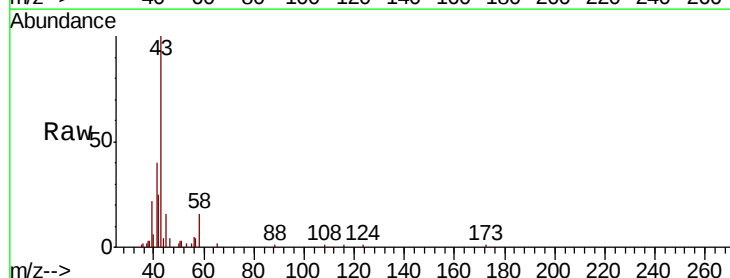
Instrument :
MSVOA_L
ClientSampleId :

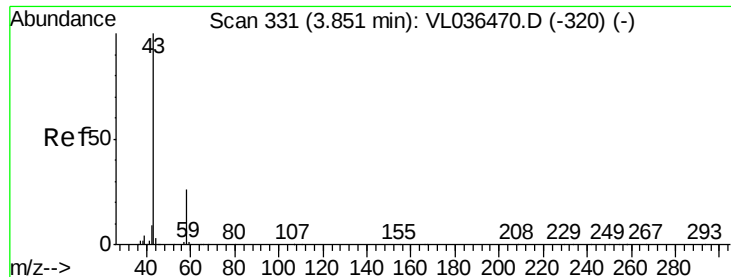
Tot Ion: 43 Resp:13480430
Ion Ratio Lower Upper
43 100
57 57.2 39.0 58.6



#13
Ethanol
Concen: 0.252 ppbv
RT: 3.63 min Scan# 262
Delta R.T. 0.02 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 45 Resp: 1678
Ion Ratio Lower Upper
45 100
46 72.6 16.6 66.2#

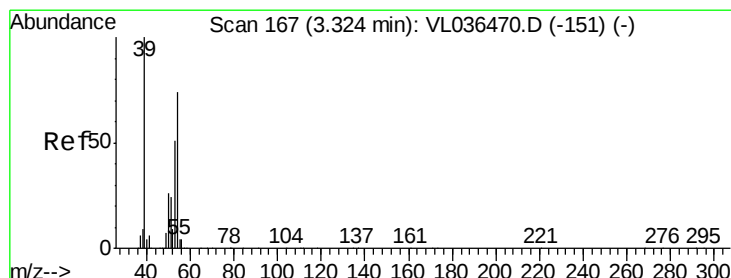
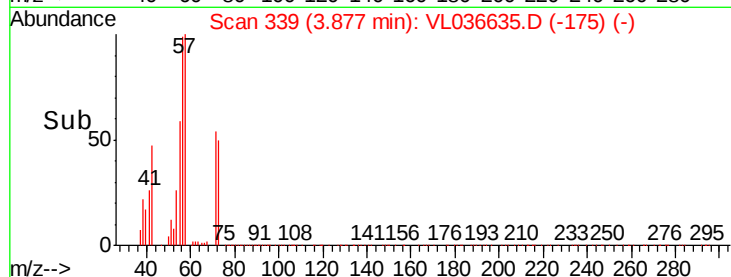
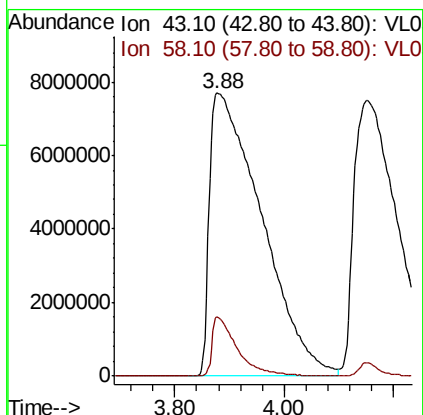
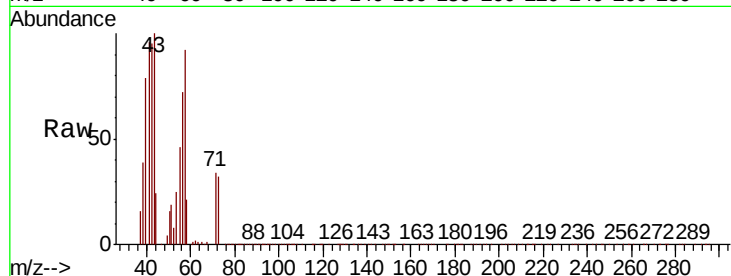




#15
Acetone
Concen: 552.036 ppbv
RT: 3.88 min Scan# 339
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

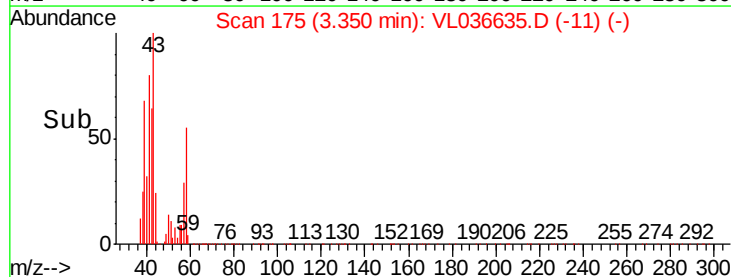
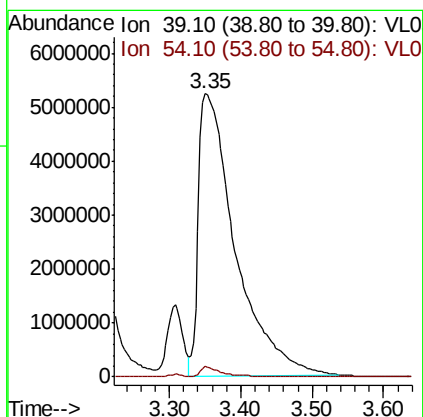
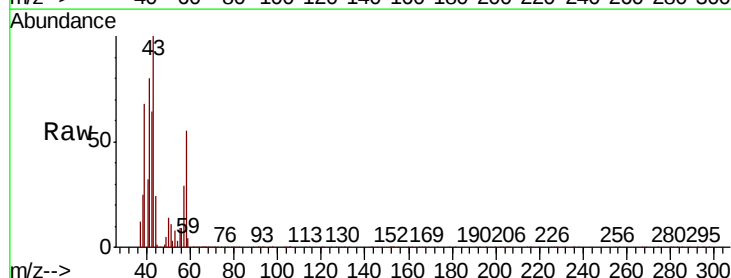
Instrument :
MSVOA_L
ClientSampleId :

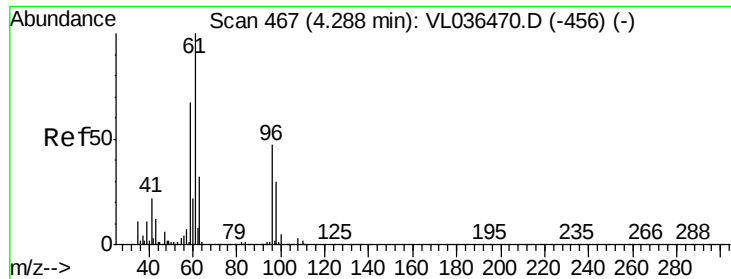
Tot Ion: 43 Resp:50976180
Ion Ratio Lower Upper
43 100
58 10.2 21.2 31.8#



#16
1,3-Butadiene
Concen: 290.596 ppbv
RT: 3.35 min Scan# 175
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 39 Resp:18682106
Ion Ratio Lower Upper
39 100
54 2.3 58.8 88.2#





#18

1,1-Dichloroethene

Concen: 0.031 ppbv

RT: 4.30 min Scan# 470

Delta R.T. 0.01 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :
MSVOA_L
ClientSampled :

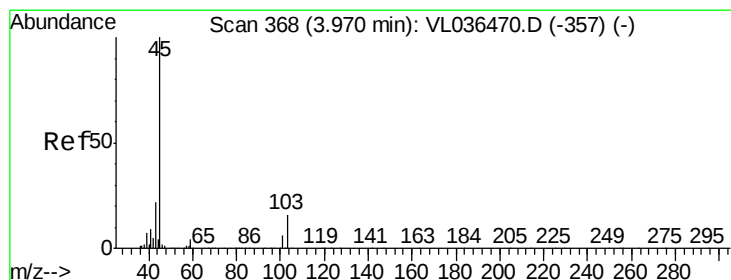
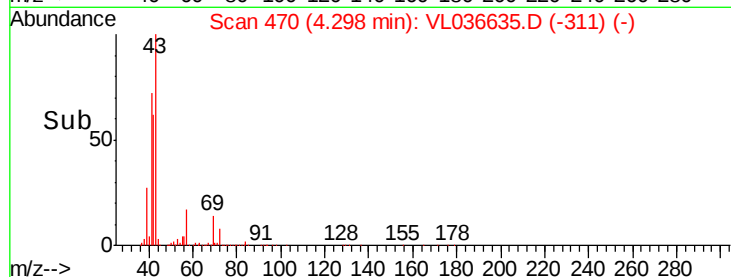
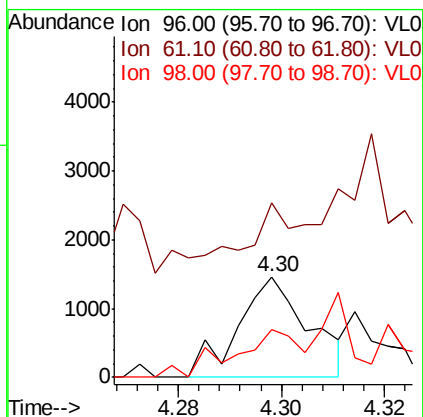
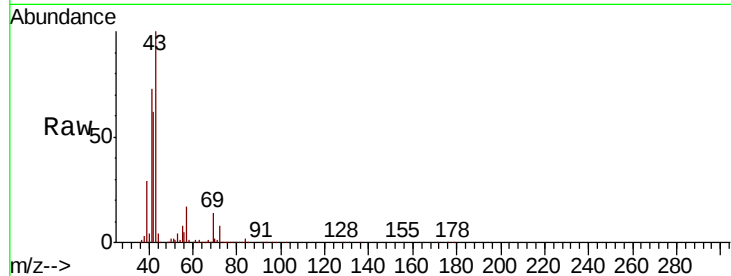
Tot Ion: 96 Resp: 1381

Ion Ratio Lower Upper

96 100

61 55.2 168.6 253.0#

98 47.7 50.8 76.2#



#19

Isopropyl Alcohol

Concen: 0.023 ppbv

RT: 3.98 min Scan# 371

Delta R.T. 0.01 min

Lab File: VL036635.D

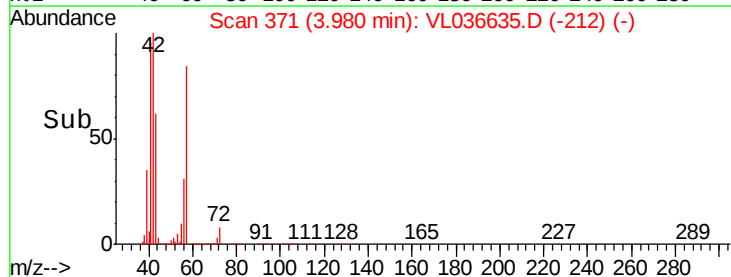
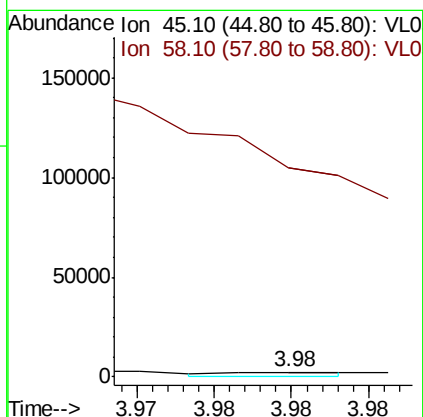
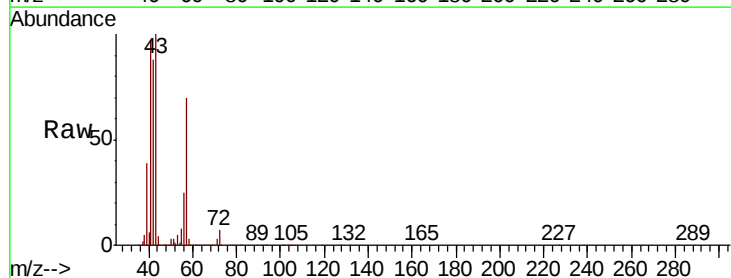
Acq: 1 Apr 2021 16:47

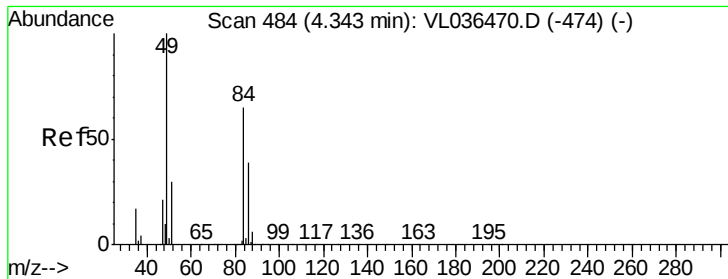
Tgt Ion: 45 Resp: 1189

Ion Ratio Lower Upper

45 100

58 0.0 2.9 4.3#

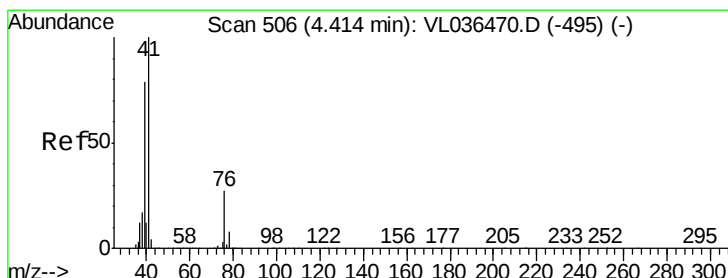
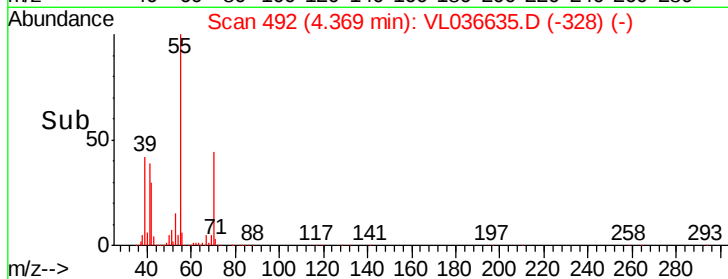
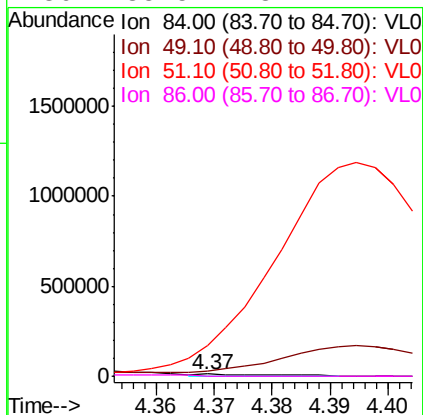
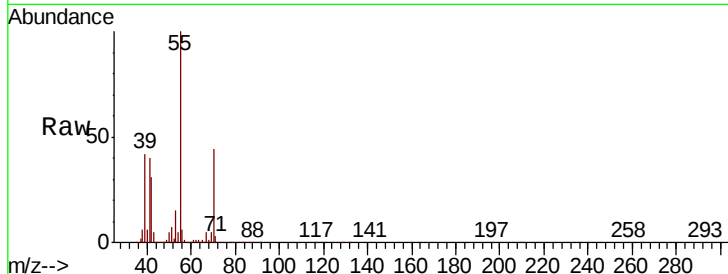




#20
Methylene Chloride
Concen: 0.170 ppbv
RT: 4.37 min Scan# 492
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

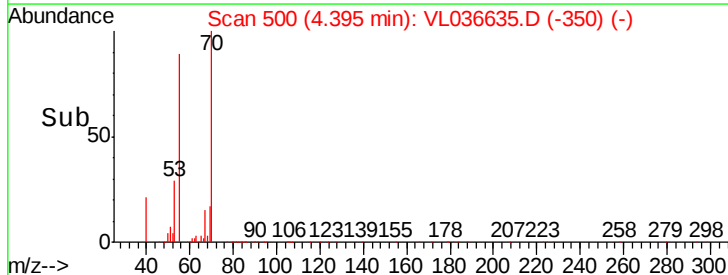
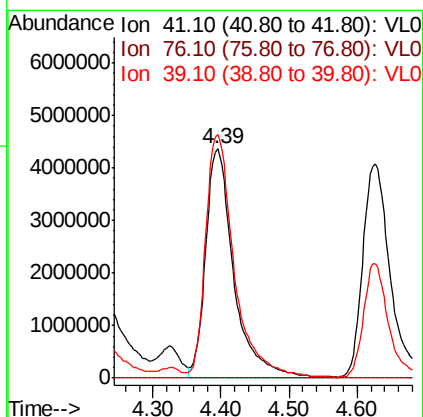
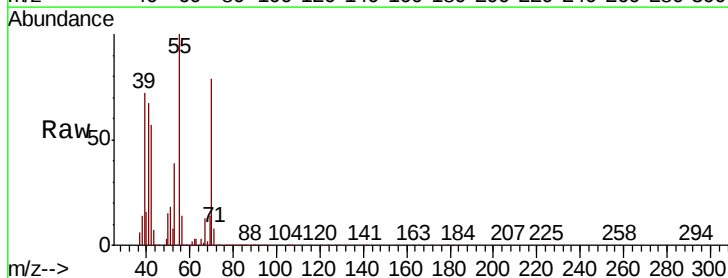
Instrument :
MSVOA_L
ClientSampleId :

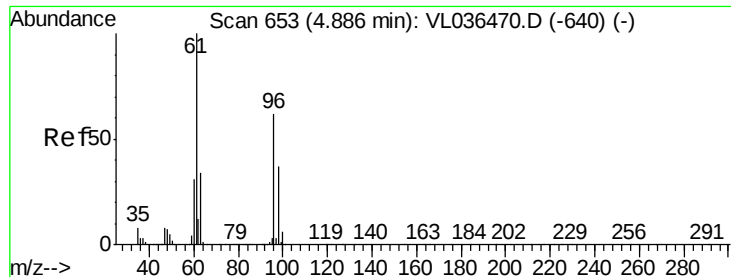
Tot Ion: 84 Resp: 7330
Ion Ratio Lower Upper
84 100
49 65.4 122.9 184.3#
51 775.5 36.9 55.3#
86 35.5 48.2 72.4#



#21
Allyl Chloride
Concen: 167.623 ppbv
RT: 4.39 min Scan# 500
Delta R.T. -0.02 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 41 Resp:12338939
Ion Ratio Lower Upper
41 100
76 0.0 22.9 34.3#
39 109.3 67.3 100.9#





#22

trans-1,2-Dichloroethene

Concen: 0.039 ppbv

RT: 4.91 min Scan# 660

Delta R.T. 0.02 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

ClientSampleId :

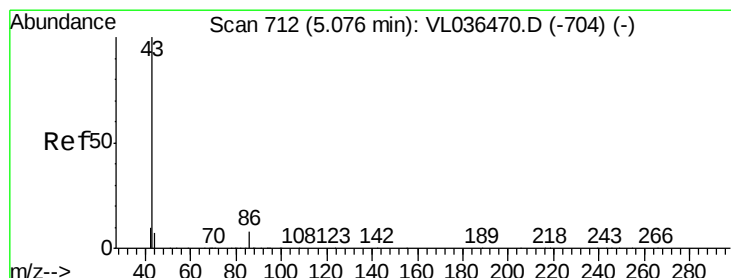
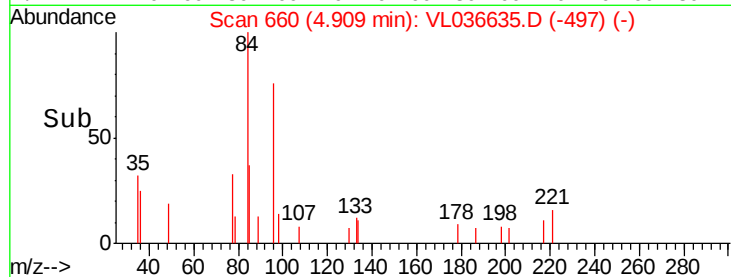
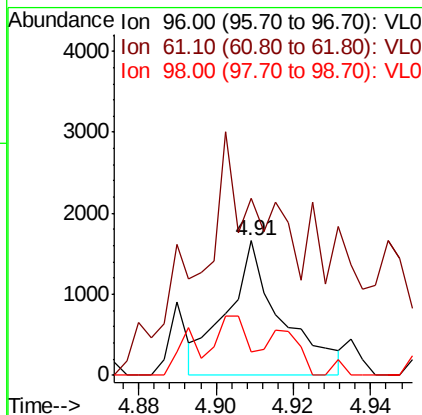
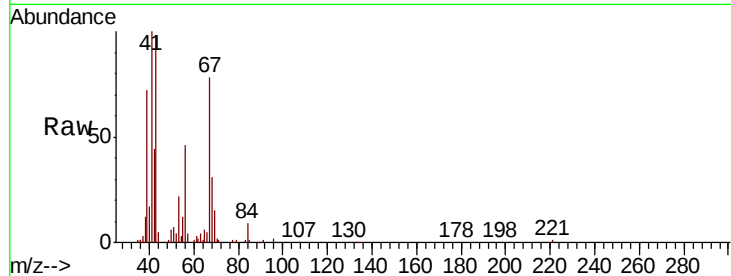
Tot Ion: 96 Resp: 1621

Ion Ratio Lower Upper

96 100

61 73.0 129.4 194.0#

98 7.4 48.2 72.4#



#23

Vinyl Acetate

Concen: 153.972 ppbv

RT: 5.10 min Scan# 720

Delta R.T. 0.03 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Tgt Ion: 43 Resp: 24320517

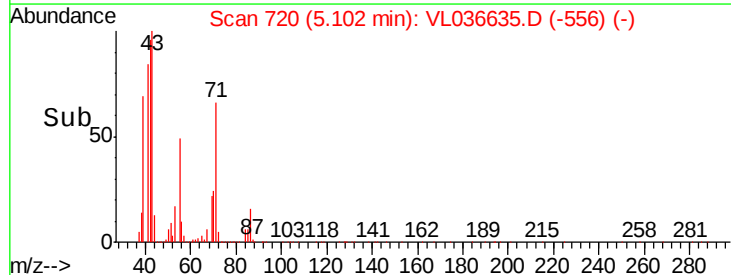
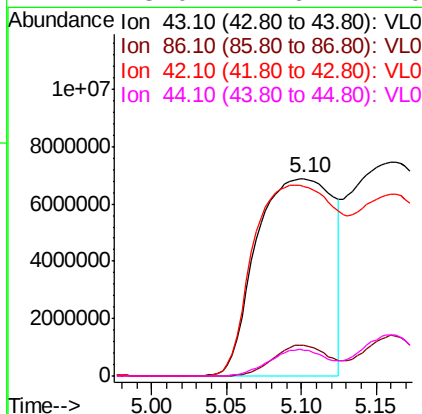
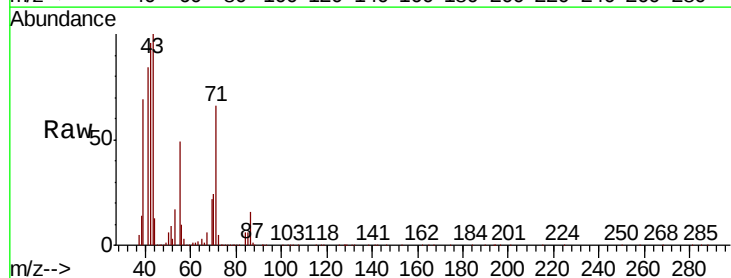
Ion Ratio Lower Upper

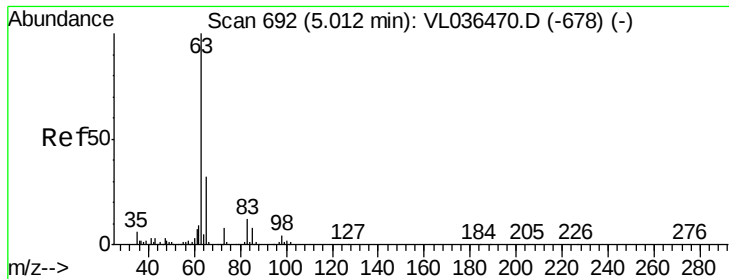
43 100

86 15.5 5.4 8.0#

42 96.2 8.5 12.7#

44 13.0 4.6 7.0#





#24

1,1-Dichloroethane

Concen: 2.977 ppbv

RT: 5.10 min Scan# 719

Delta R.T. 0.09 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

ClientSampleId :

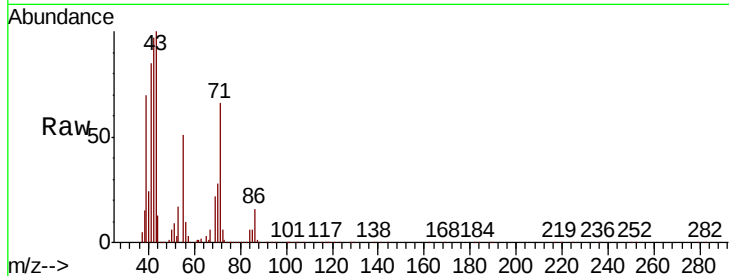
Tot Ion: 63 Resp: 342798

Ion Ratio Lower Upper

63 100

98 0.0 2.1 6.2#

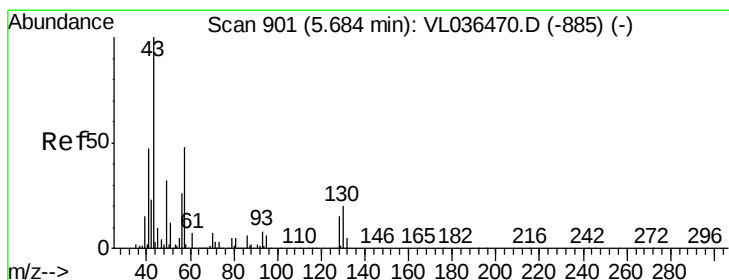
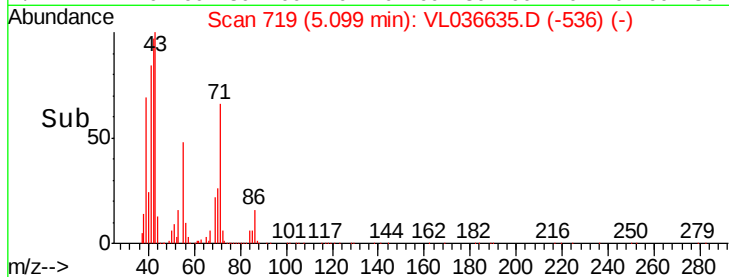
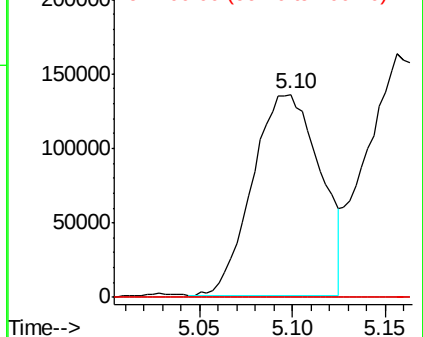
100 0.1 0.9 2.8#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0



#25

Ethyl Acetate

Concen: 88.241 ppbv

RT: 5.74 min Scan# 919

Delta R.T. 0.06 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Tgt Ion: 43 Resp: 19372175

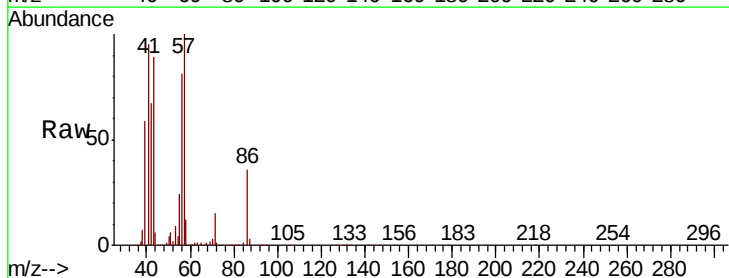
Ion Ratio Lower Upper

43 100

45 0.1 7.9 11.9#

61 0.2 7.4 11.2#

70 2.3 5.1 7.7#

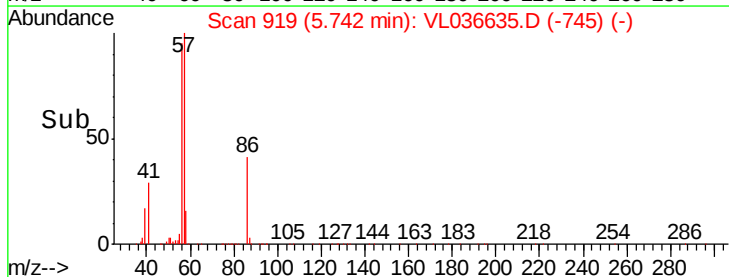
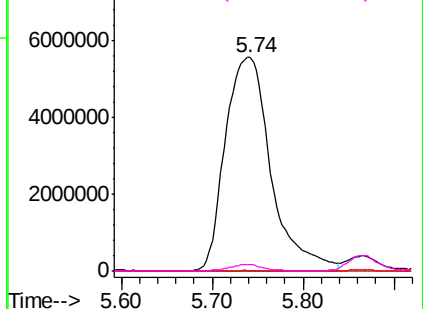


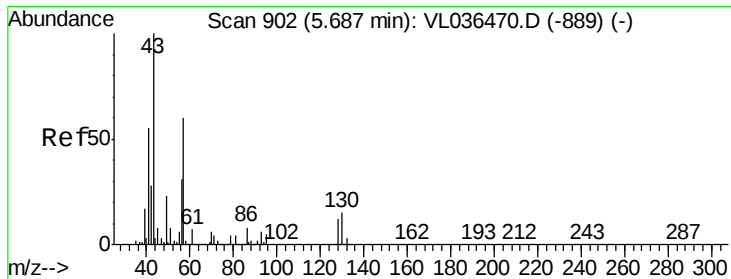
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

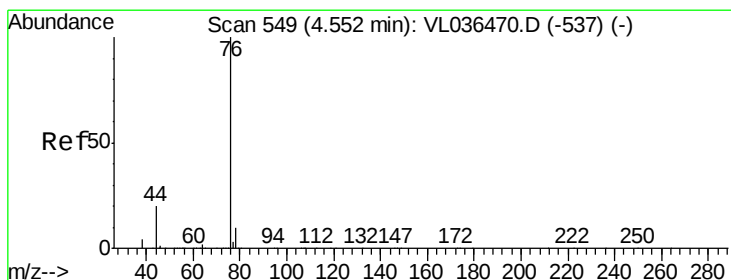
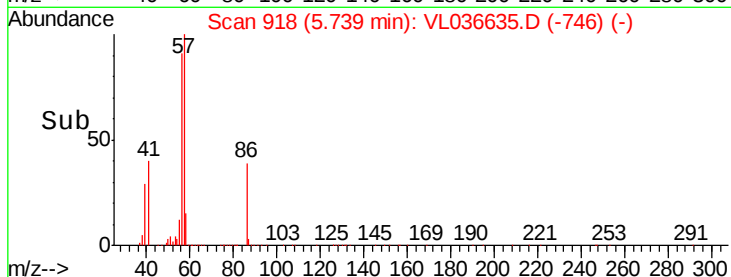
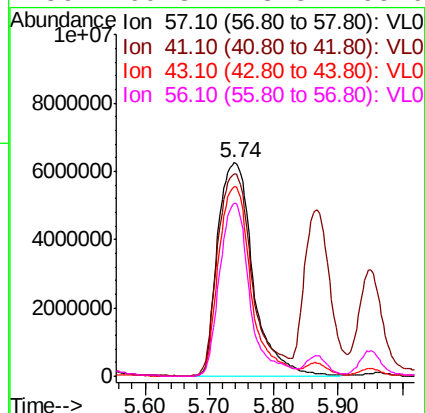
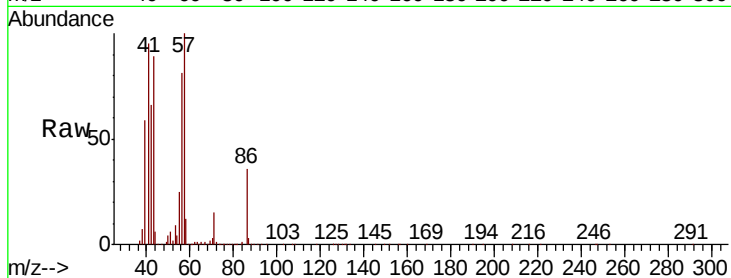




#26
Hexane
Concen: 233.685 ppbv
RT: 5.74 min Scan# 918
Delta R.T. 0.05 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

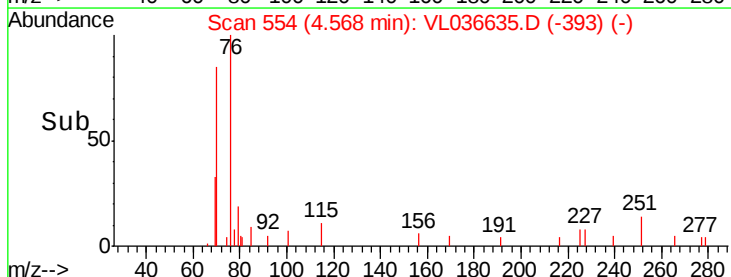
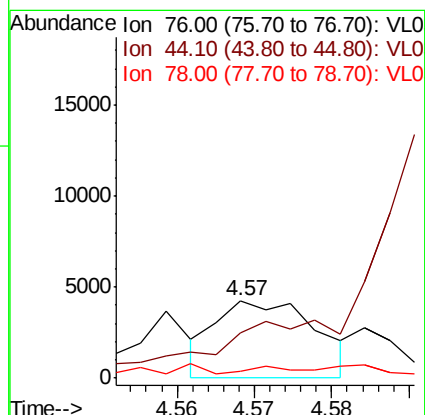
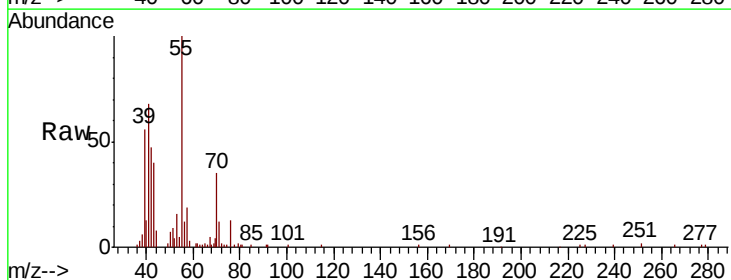
Instrument :
MSVOA_L
ClientSampled :

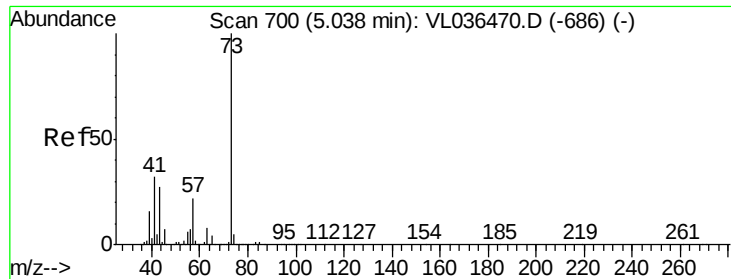
Tot Ion: 57 Resp:23807552
Ion Ratio Lower Upper
57 100
41 92.9 77.2 115.8
43 81.4 173.8 260.6#
56 69.3 43.8 65.6#



#27
Carbon Disulfide
Concen: 0.038 ppbv
RT: 4.57 min Scan# 554
Delta R.T. 0.02 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 76 Resp: 3836
Ion Ratio Lower Upper
76 100
44 0.0 17.5 26.3#
78 0.0 8.6 13.0#

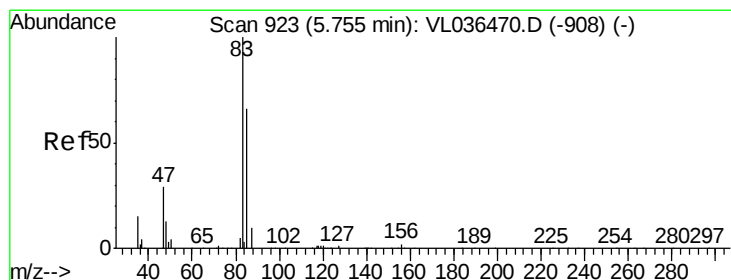
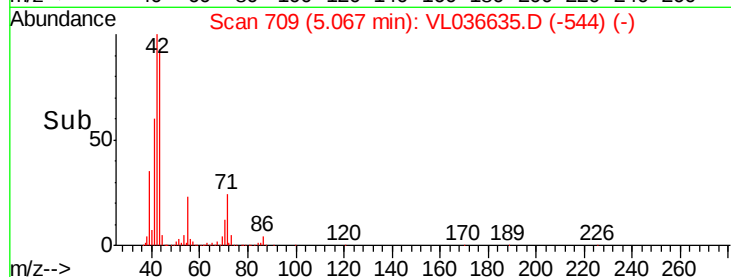
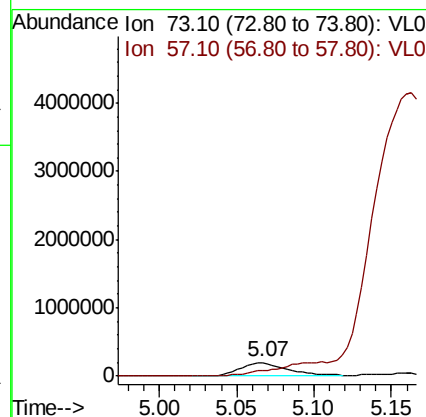
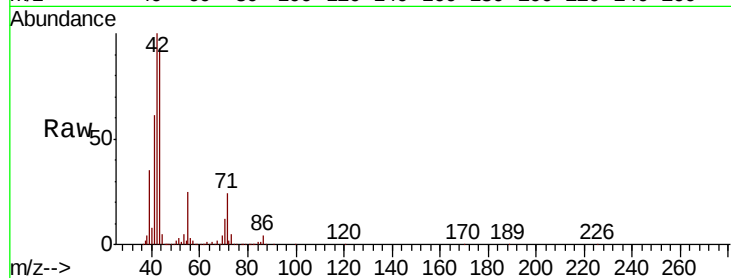




#28
Methvl tert-Butvl Ether
Concen: 3.602 ppbv
RT: 5.07 min Scan# 709
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

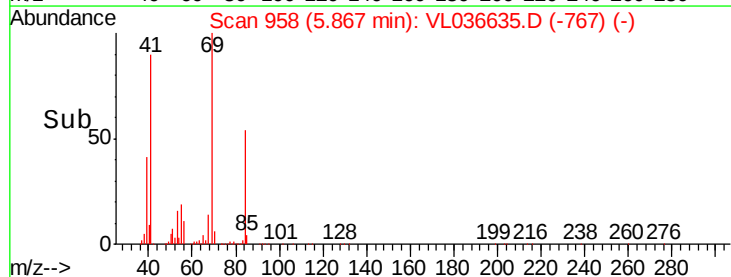
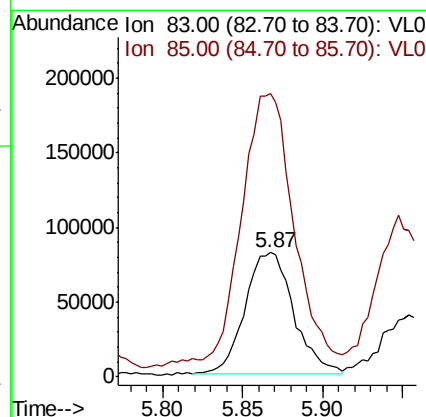
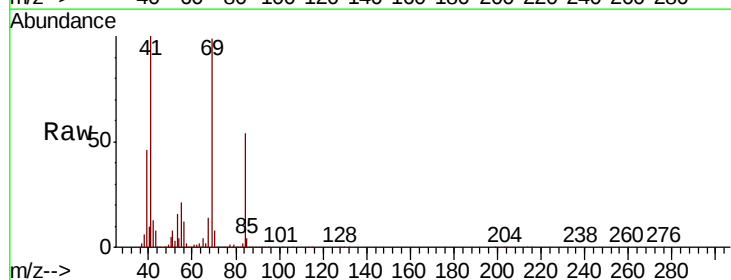
Instrument :
MSVOA_L
ClientSampleId :

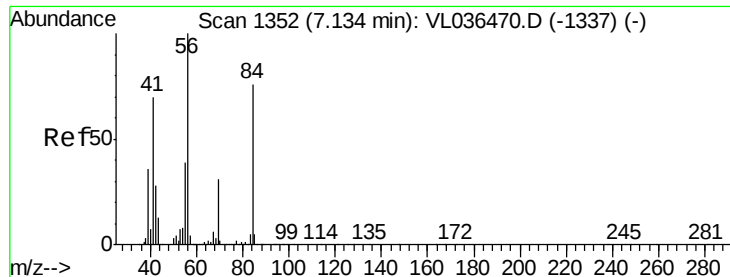
Tot Ion: 73 Resp: 432758
Ion Ratio Lower Upper
73 100
57 0.0 18.5 27.7#



#29
Chloroform
Concen: 1.045 ppbv
RT: 5.87 min Scan# 958
Delta R.T. 0.11 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 83 Resp: 170271
Ion Ratio Lower Upper
83 100
85 216.8 52.6 78.8#

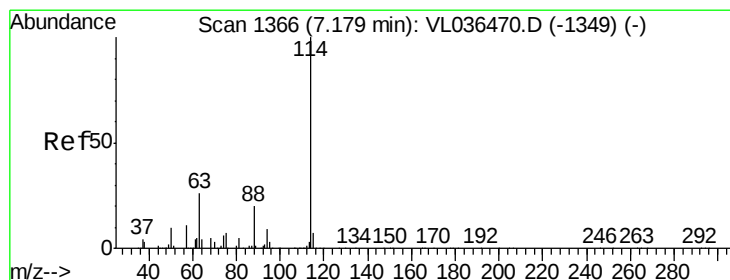
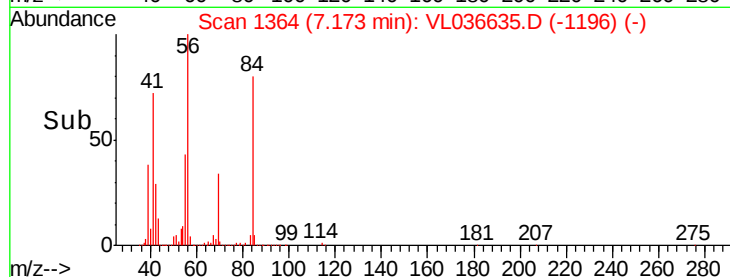
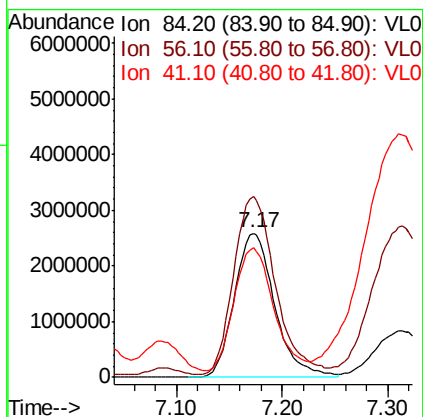
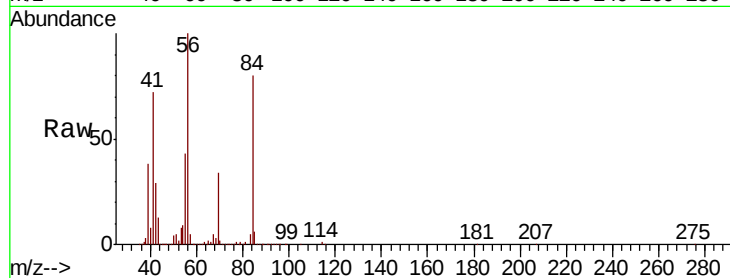




#30
Cvclohexane
Concen: 83.053 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. 0.04 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

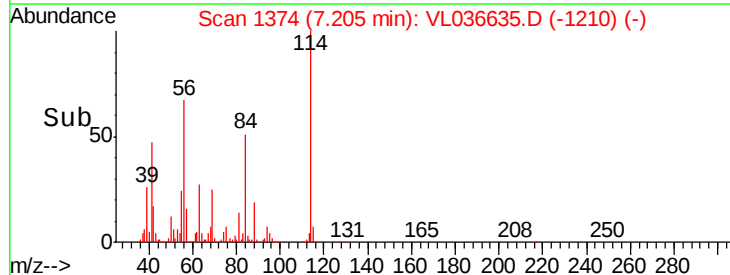
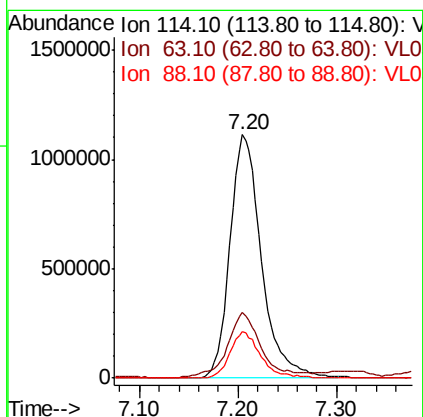
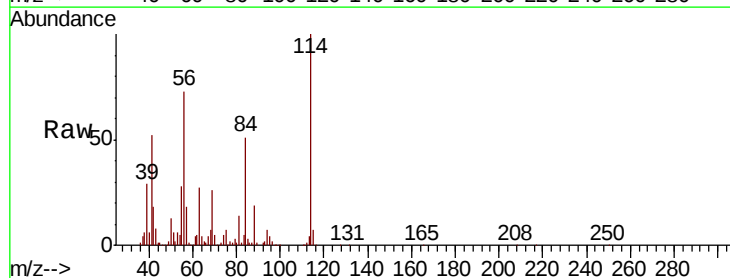
Instrument :
MSVOA_L
ClientSampled :

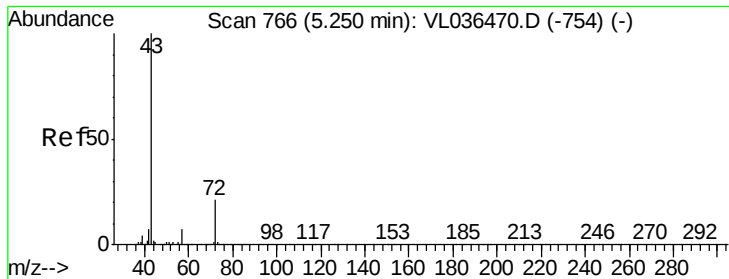
Tot Ion: 84 Resp: 6862250
Ion Ratio Lower Upper
84 100
56 127.6 114.6 171.8
41 82.2 75.3 112.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1374
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 114 Resp: 2462438
Ion Ratio Lower Upper
114 100
63 29.3 22.4 33.6
88 18.6 15.4 23.0

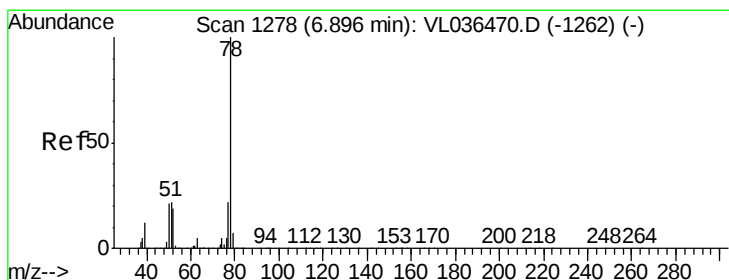
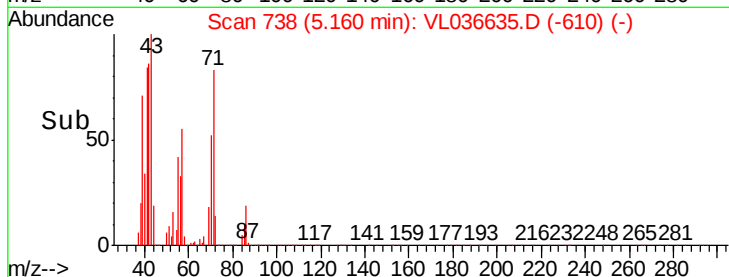
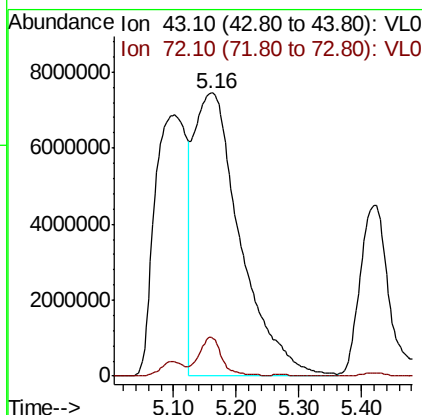
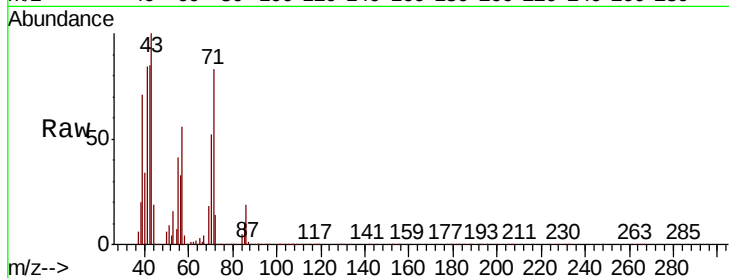




#34
2-Butanone
Concen: 320.208 ppbv
RT: 5.16 min Scan# 738
Delta R.T. -0.09 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

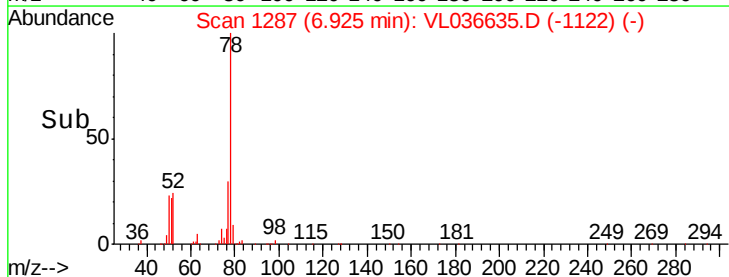
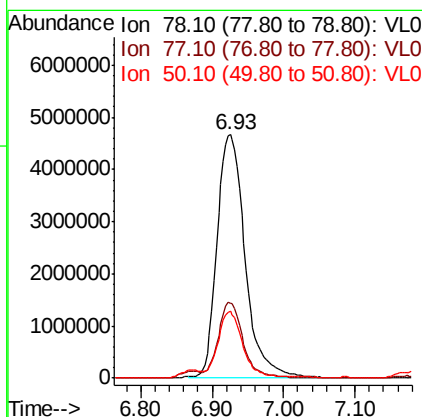
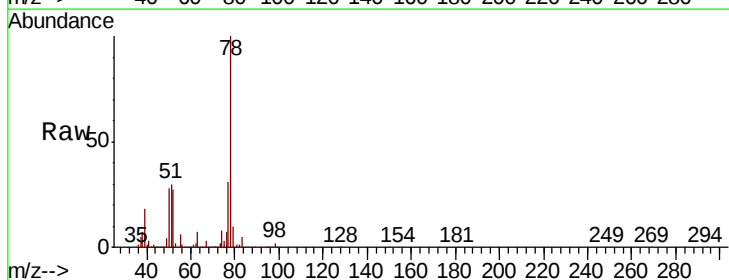
Instrument :
MSVOA_L
ClientSampleId :

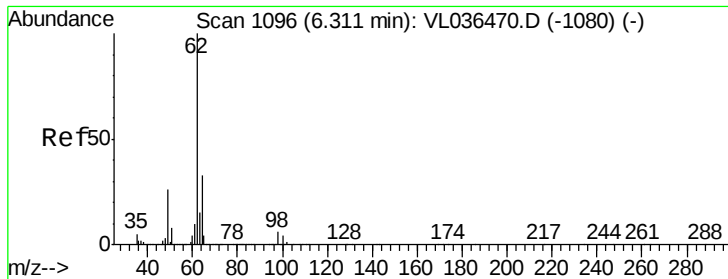
Tot Ion: 43 Resp:38488955
Ion Ratio Lower Upper
43 100
72 6.9 17.0 25.6#



#36
Benzene
Concen: 55.519 ppbv
RT: 6.93 min Scan# 1287
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 78 Resp:12608464
Ion Ratio Lower Upper
78 100
77 30.8 18.0 27.0#
50 27.3 16.5 24.7#





#37

1,2-Dichloroethane

Concen: 1.124 ppbv

RT: 6.37 min Scan# 1113

Delta R.T. 0.05 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

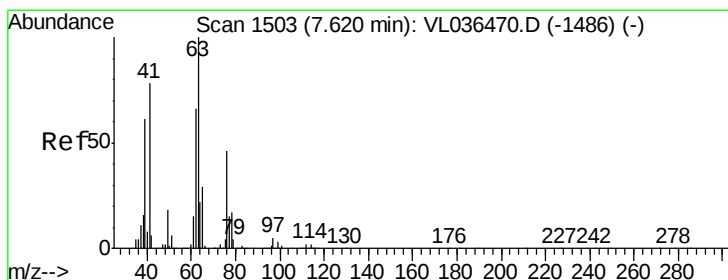
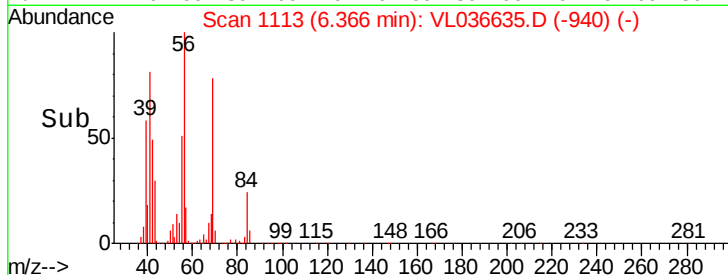
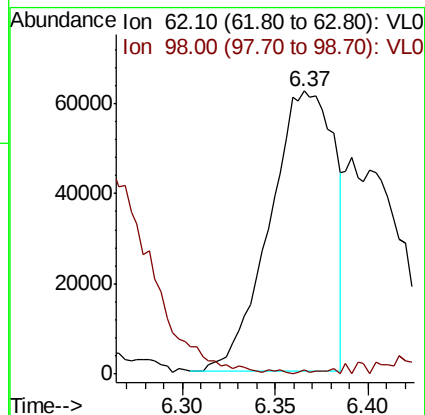
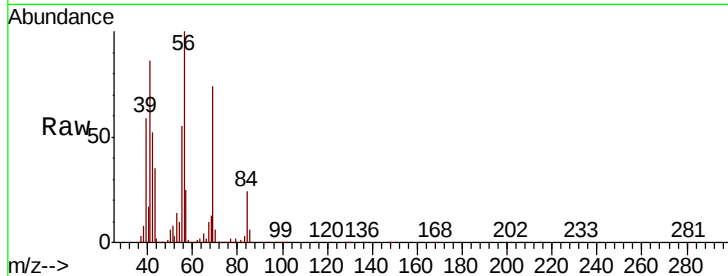
ClientSampleId :

Tot Ion: 62 Resp: 150290

Ion Ratio Lower Upper

62 100

98 0.0 4.9 7.3#



#39

1,2-Dichloropropane

Concen: 1.065 ppbv

RT: 7.55 min Scan# 1481

Delta R.T. -0.07 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

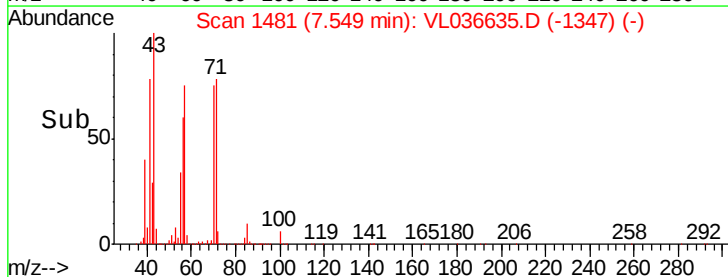
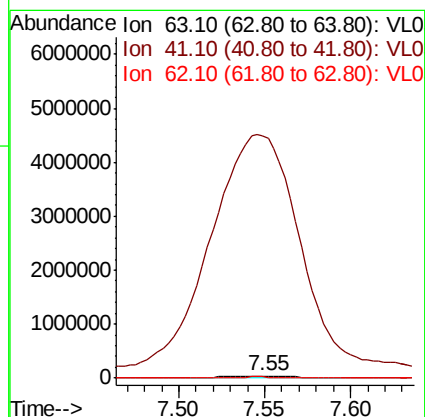
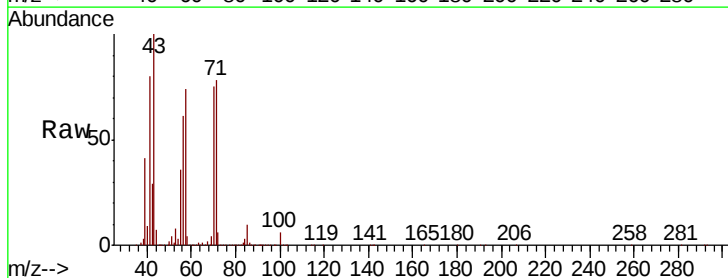
Tgt Ion: 63 Resp: 98097

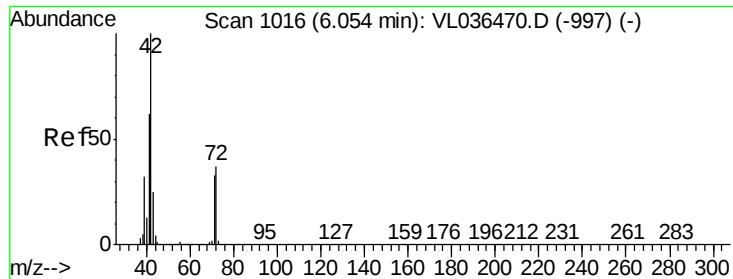
Ion Ratio Lower Upper

63 100

41 10354.6 62.4 93.6#

62 52.5 52.8 79.2#

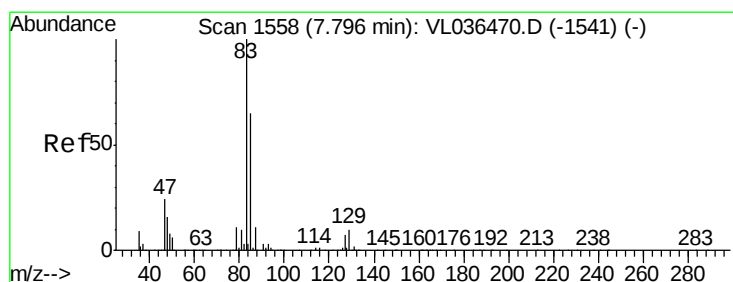
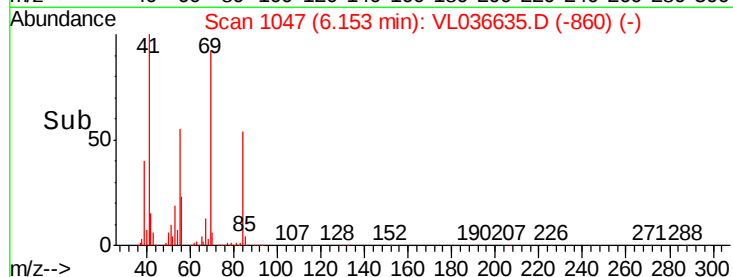
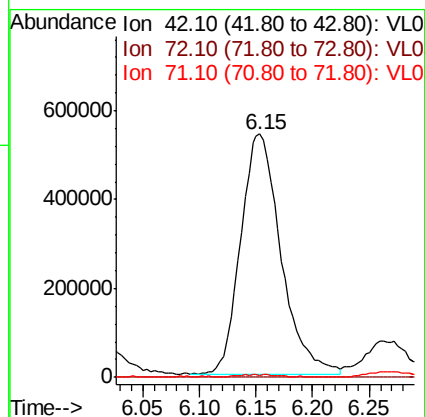
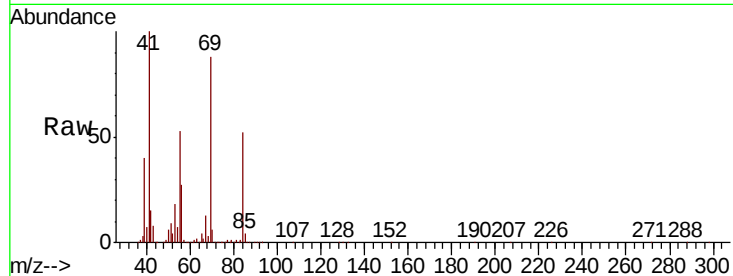




#41
Tetrahydrofuran
Concen: 24.244 ppbv
RT: 6.15 min Scan# 1047
Delta R.T. 0.10 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

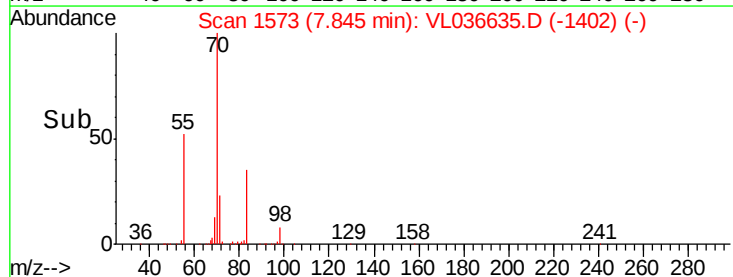
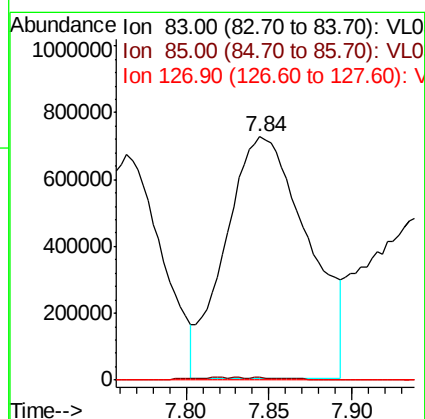
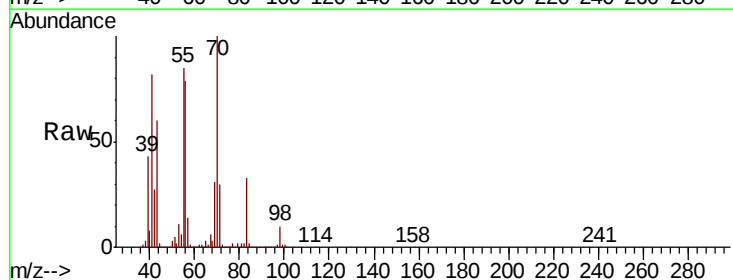
Instrument :
MSVOA_L
ClientSampleId :

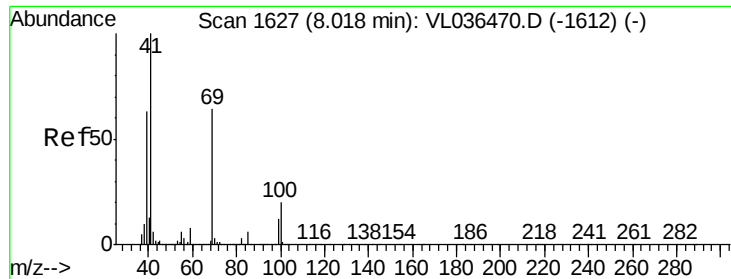
Tot Ion: 42 Resp: 1343664
Ion Ratio Lower Upper
42 100
72 0.0 27.6 41.4#
71 0.0 27.0 40.4#



#42
Bromodichloromethane
Concen: 13.821 ppbv
RT: 7.84 min Scan# 1573
Delta R.T. 0.05 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 83 Resp: 2512822
Ion Ratio Lower Upper
83 100
85 1.2 51.8 77.6#
127 0.0 5.8 8.8#

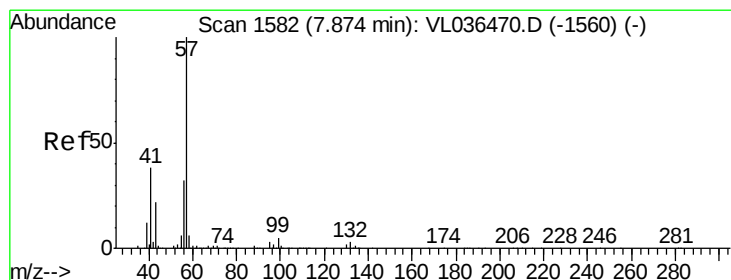
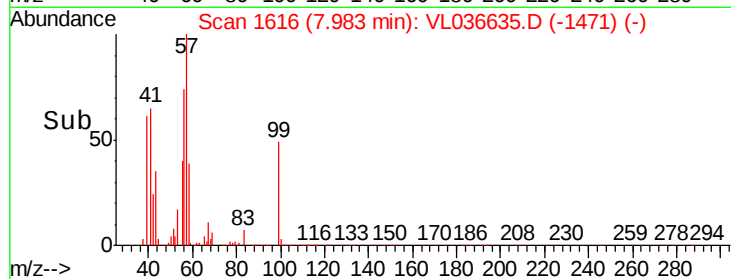
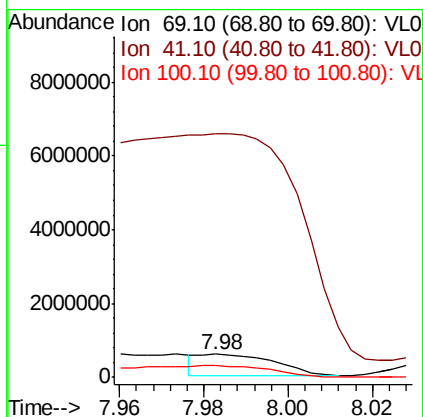
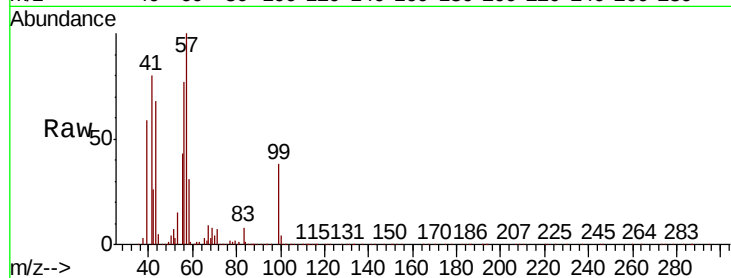




#43
Methvl Methacrilate
Concen: 9.380 ppbv
RT: 7.98 min Scan# 1616
Delta R.T. -0.04 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

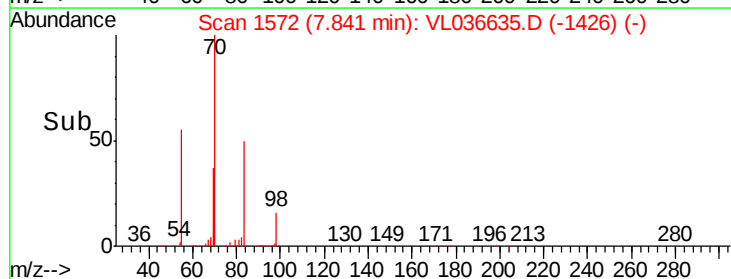
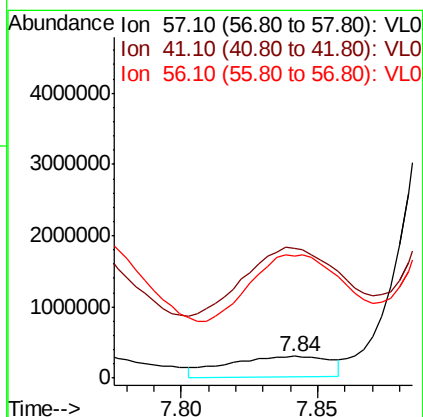
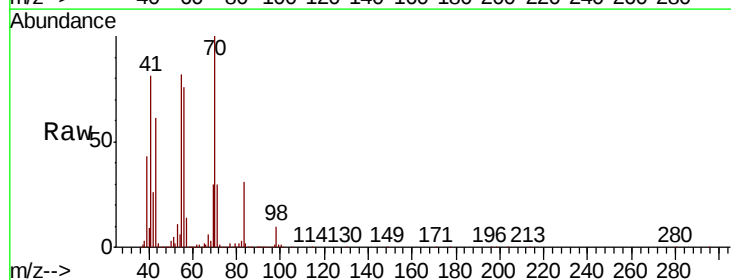
Instrument :
MSVOA_L
ClientSampleId :

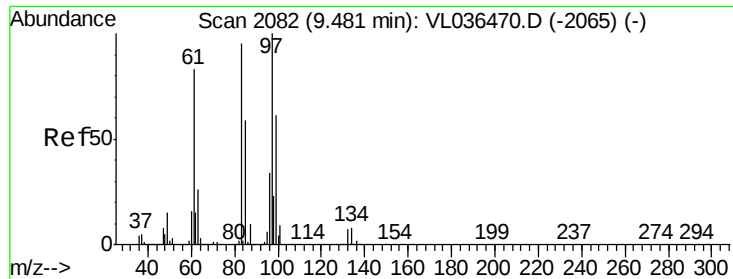
Tot Ion: 69 Resp: 715324
Ion Ratio Lower Upper
69 100
41 5714.8 126.8 190.2#
100 176.6 24.9 37.3#



#44
2,2,4-Trimethylpentane
Concen: 1.872 ppbv
RT: 7.84 min Scan# 1572
Delta R.T. -0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 57 Resp: 748136
Ion Ratio Lower Upper
57 100
41 752.5 28.8 43.2#
56 701.8 26.1 39.1#

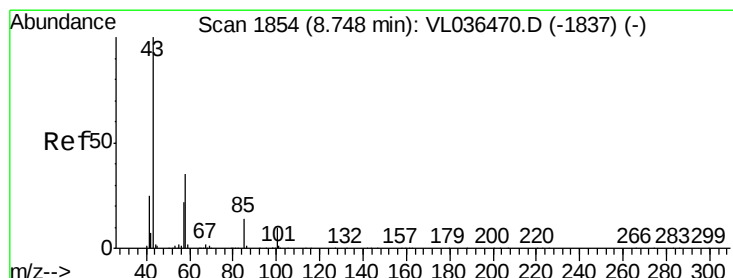
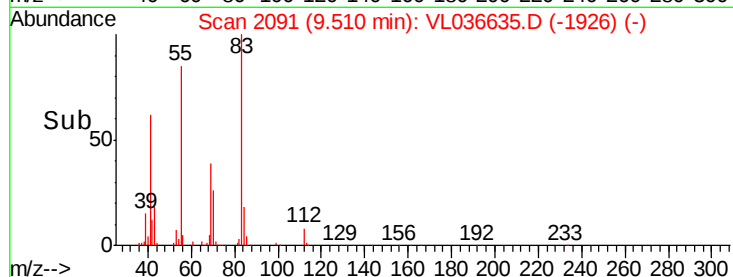
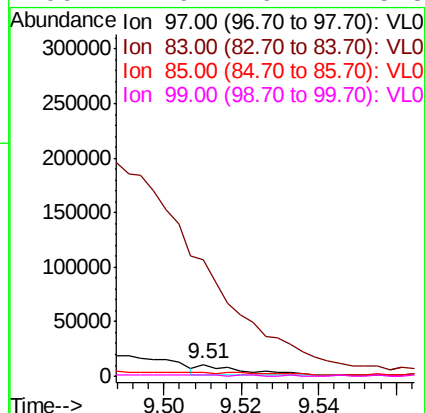
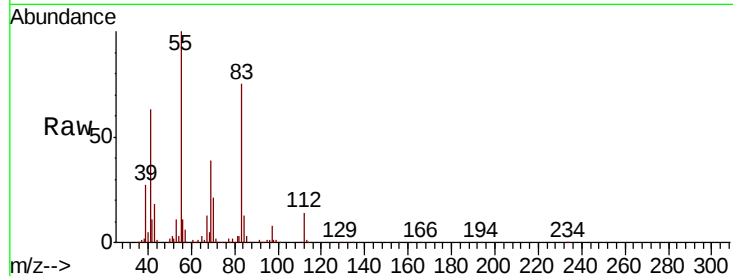




#47
 1,1,2-Trichloroethane
 Concen: 0.083 ppbv
 RT: 9.51 min Scan# 2091
 Delta R.T. 0.03 min
 Lab File: VL036635.D
 Acq: 1 Apr 2021 16:47

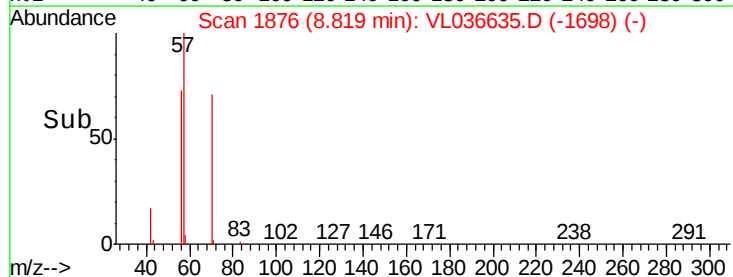
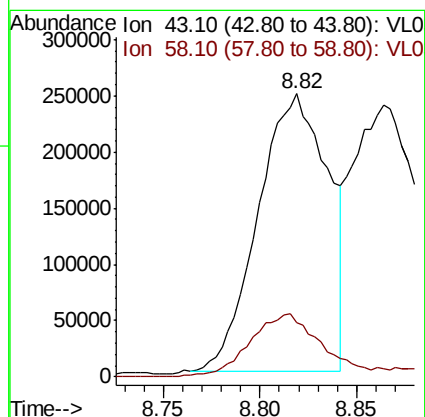
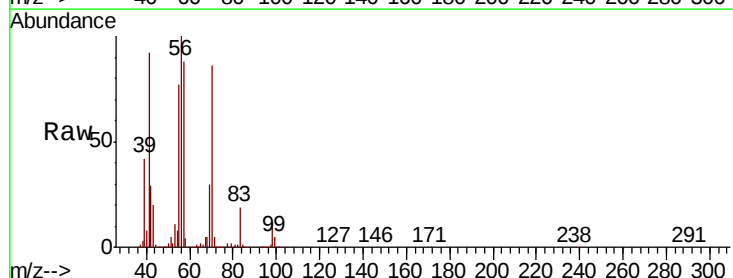
Instrument :
 MSVOA_L
 ClientSampleId :

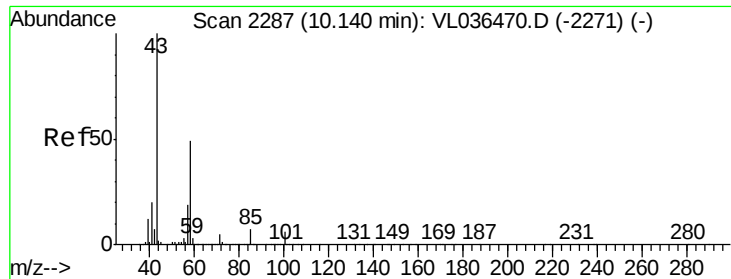
Tot Ion: 97 Resp: 7751
 Ion Ratio Lower Upper
 97 100
 83 932.7 75.8 113.8#
 85 24.3 47.1 70.7#
 99 4.9 49.2 73.8#



#50
 4-Methyl-2-Pentanone
 Concen: 3.568 ppbv
 RT: 8.82 min Scan# 1876
 Delta R.T. 0.07 min
 Lab File: VL036635.D
 Acq: 1 Apr 2021 16:47

Tgt Ion: 43 Resp: 620573
 Ion Ratio Lower Upper
 43 100
 58 24.1 28.2 42.2#

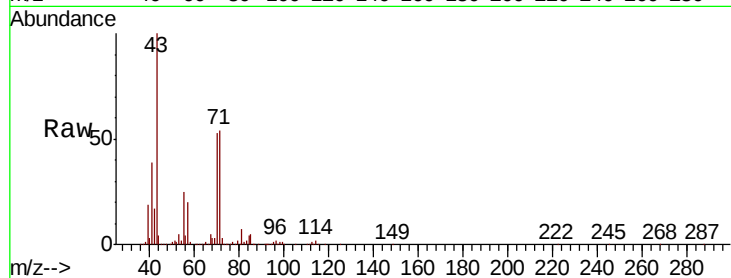




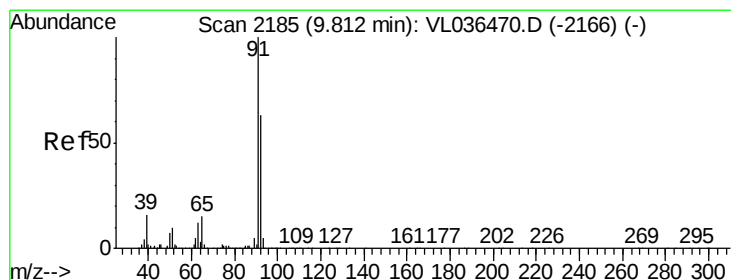
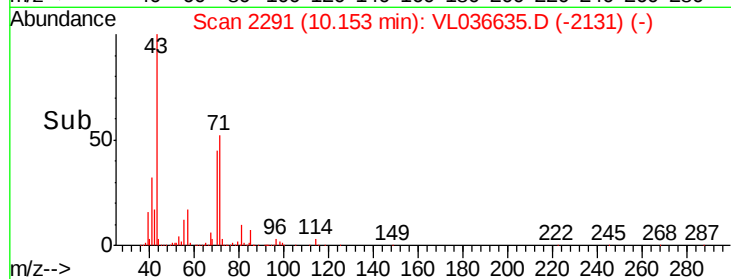
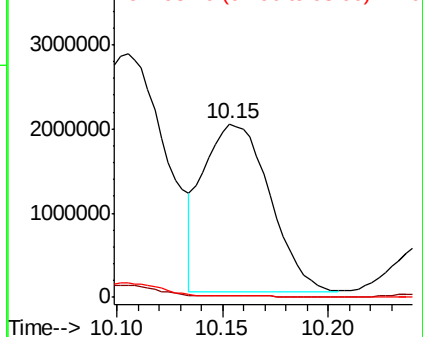
#51
2-Hexanone
Concen: 49.484 ppbv
RT: 10.15 min Scan# 2291
Delta R.T. 0.01 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 43 Resp: 4343195
Ion Ratio Lower Upper
43 100
58 0.0 37.7 56.5#
98 0.0 0.2 0.2#

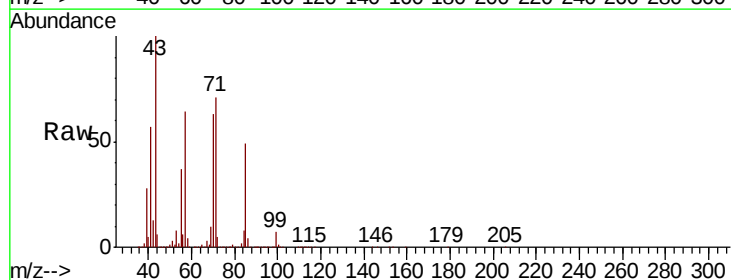


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0
Ion 98.20 (97.90 to 98.90): VL0

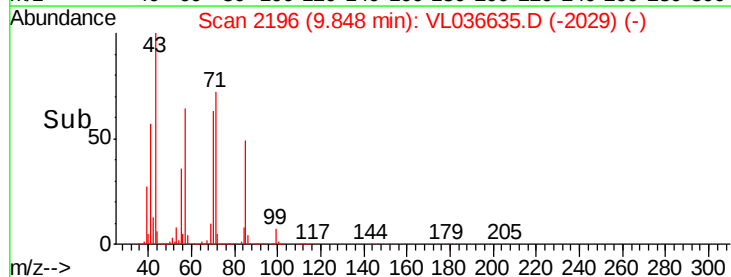
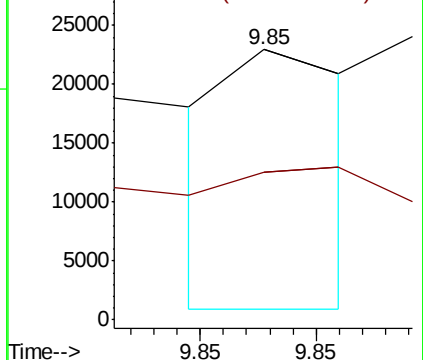


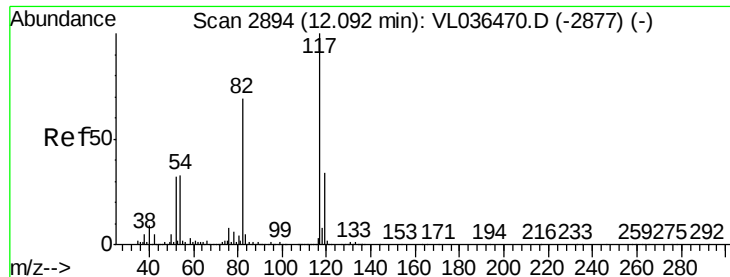
#53
Toluene
Concen: 0.033 ppbv
RT: 9.85 min Scan# 2196
Delta R.T. 0.04 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 91 Resp: 8084
Ion Ratio Lower Upper
91 100
92 523.3 48.8 73.2#



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 92.10 (91.80 to 92.80): VL0

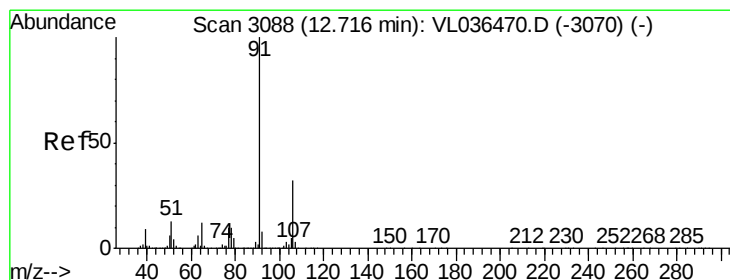
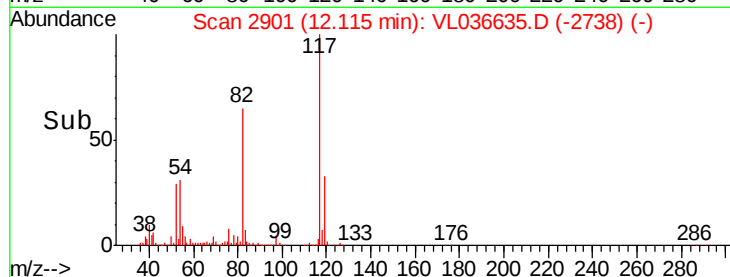
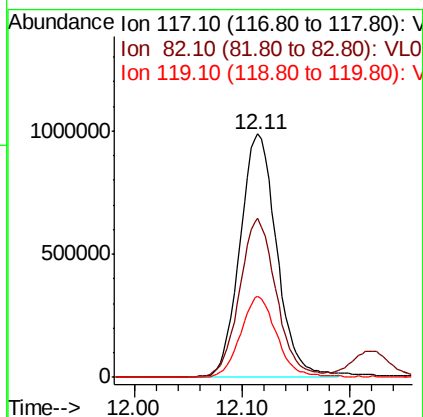
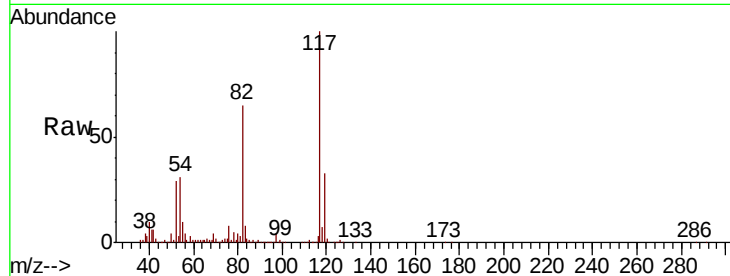




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. 0.02 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

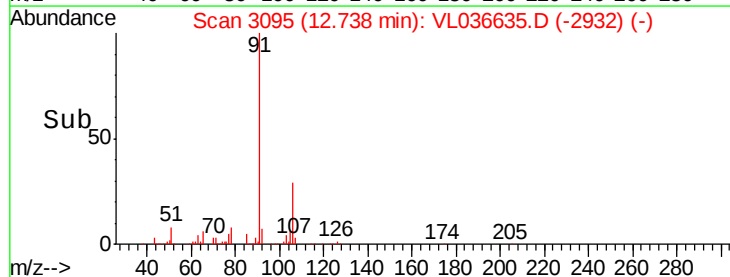
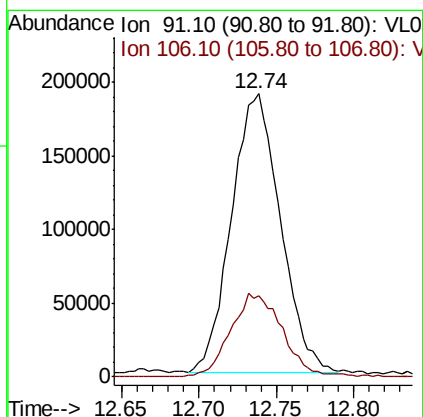
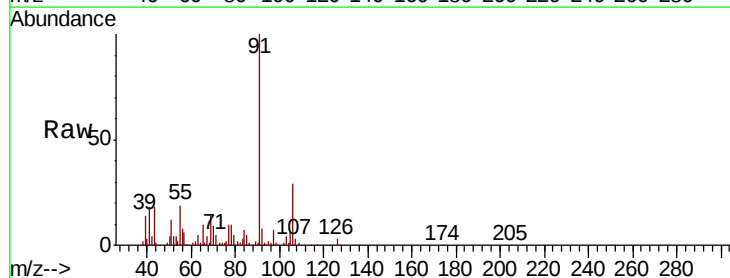
Instrument :
MSVOA_L
ClientSampled :

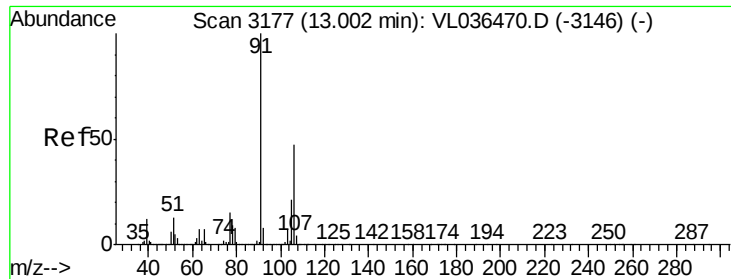
Tot Ion:117 Resp: 2344990
Ion Ratio Lower Upper
117 100
82 65.5 57.4 86.0
119 33.3 47.4 71.0#



#58
Ethyl Benzene
Concen: 1.222 ppbv
RT: 12.74 min Scan# 3095
Delta R.T. 0.02 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 91 Resp: 416933
Ion Ratio Lower Upper
91 100
106 28.7 25.3 37.9

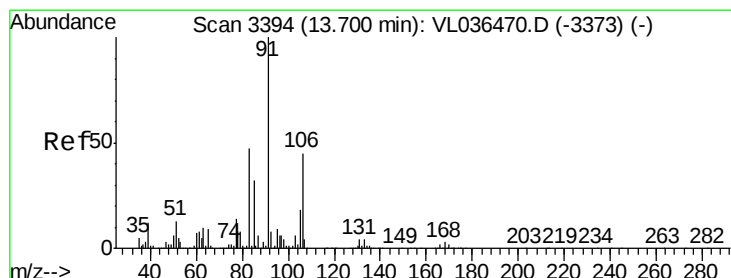
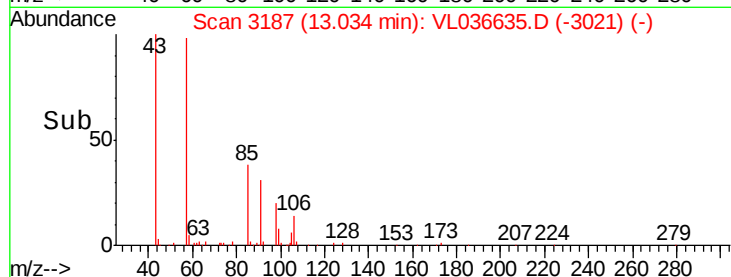
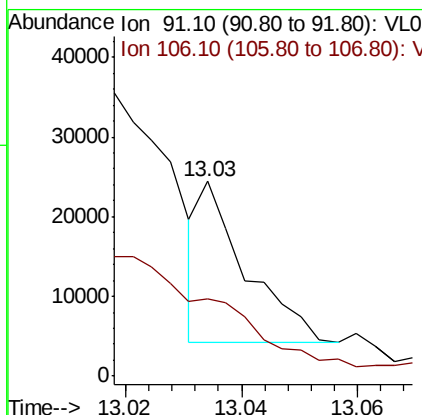
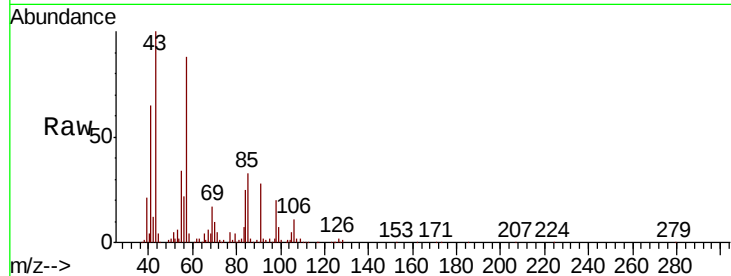




#59
m/p-Xylene
Concen: 0.037 ppbv
RT: 13.03 min Scan# 3187
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

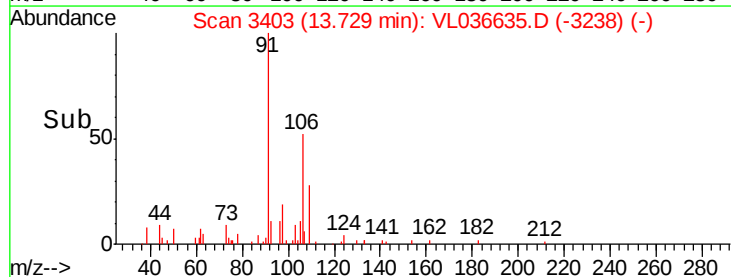
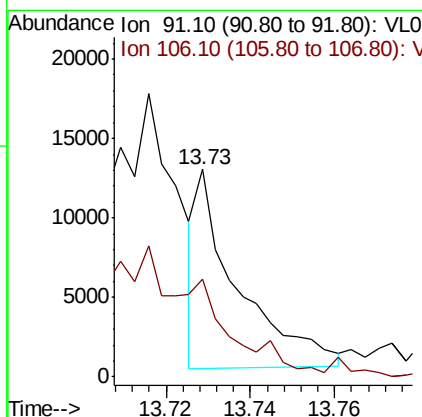
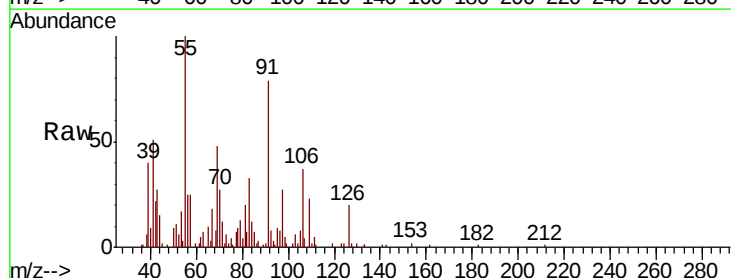
Instrument :
MSVOA_L
ClientSampled :

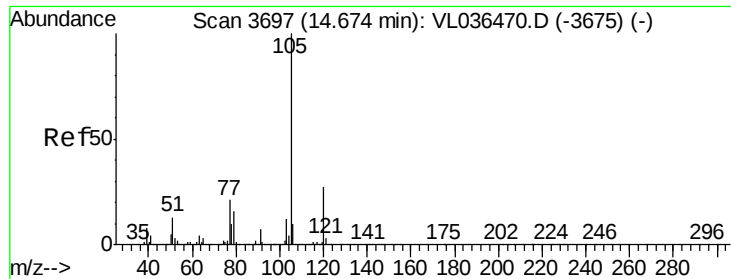
Tot Ion: 91 Resp: 11085
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.030 ppbv
RT: 13.73 min Scan# 3403
Delta R.T. 0.03 min
Lab File: VL036635.D
Acq: 1 Apr 2021 16:47

Tgt Ion: 91 Resp: 8544
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9#





#62

Isopropylbenzene

Concen: 0.398 ppbv

RT: 14.69 min Scan# 3701

Delta R.T. 0.01 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

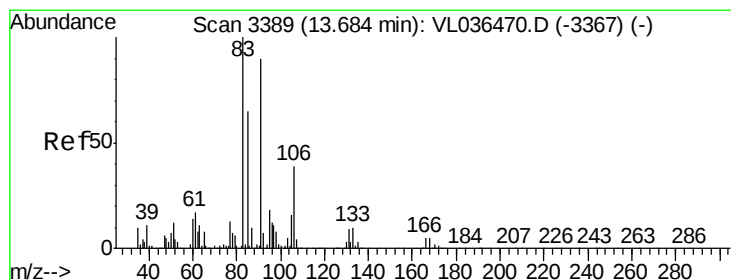
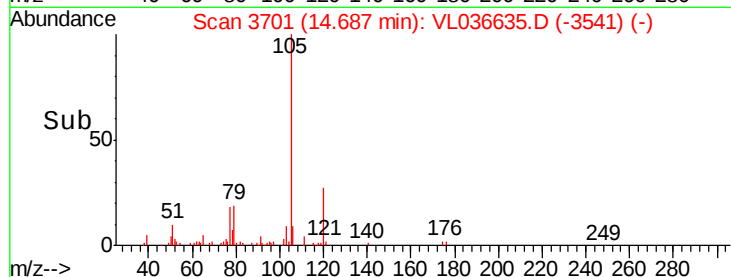
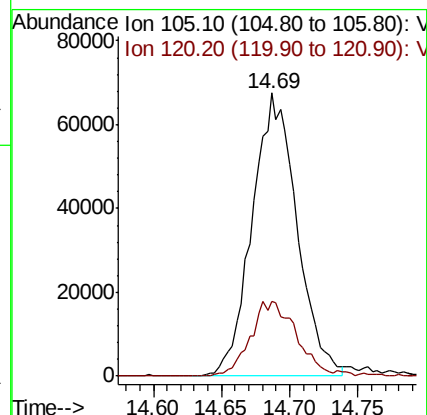
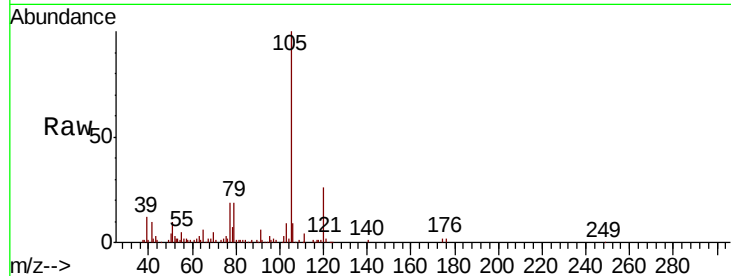
ClientSampleId :

Tot Ion:105 Resp: 154293

Ion Ratio Lower Upper

105 100

120 27.6 20.6 31.0



#63

1,1,2,2-Tetrachloroethane

Concen: 0.021 ppbv

RT: 13.71 min Scan# 3397

Delta R.T. 0.03 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

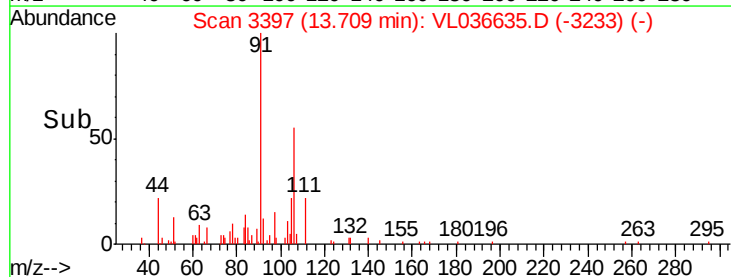
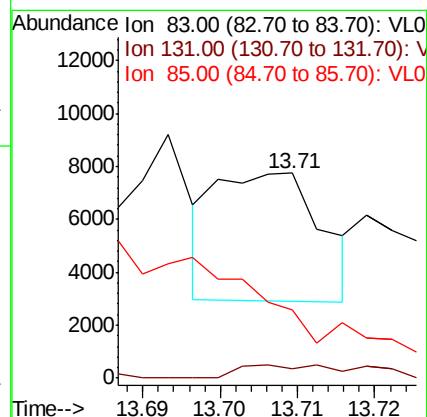
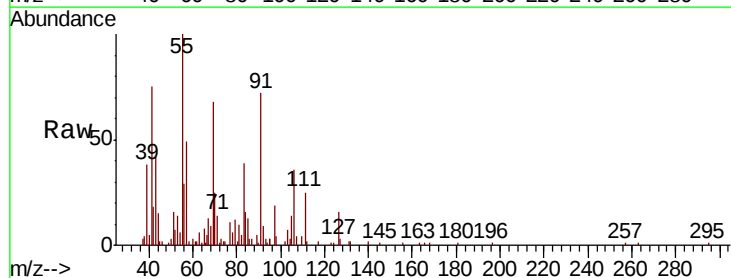
Tgt Ion: 83 Resp: 4588

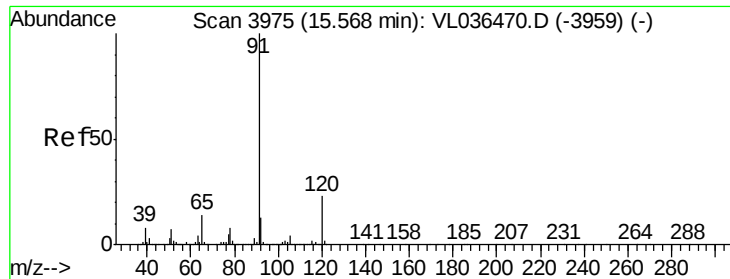
Ion Ratio Lower Upper

83 100

131 12.0 4.7 14.0

85 0.0 33.1 99.3#





#64

n-propylbenzene

Concen: 0.179 ppbv

RT: 15.58 min Scan# 3979

Delta R.T. 0.01 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

Instrument :

MSVOA_L

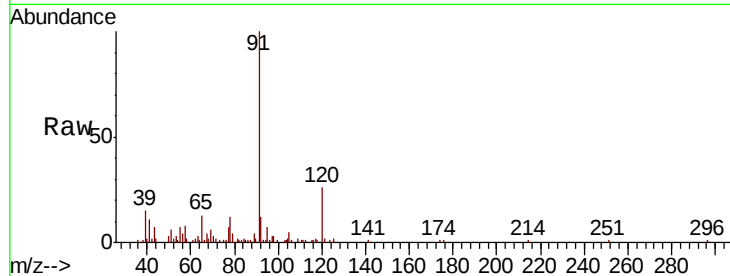
ClientSampled :

Tot Ion:120 Resp: 16934

Ion Ratio Lower Upper

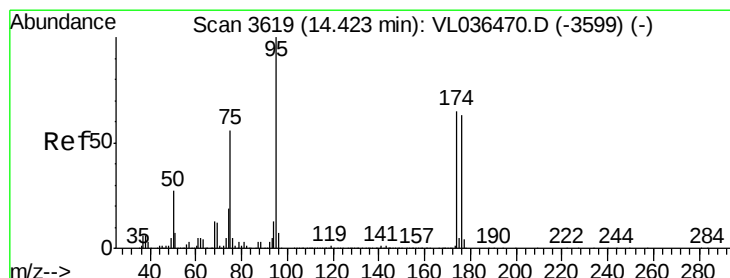
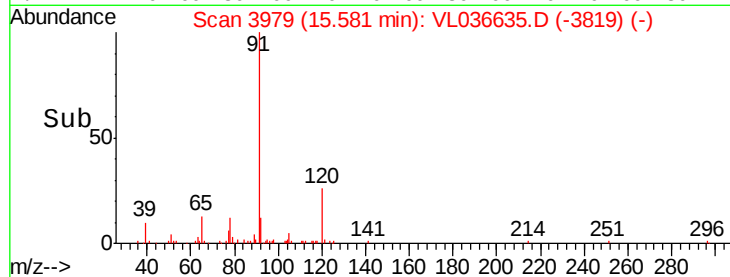
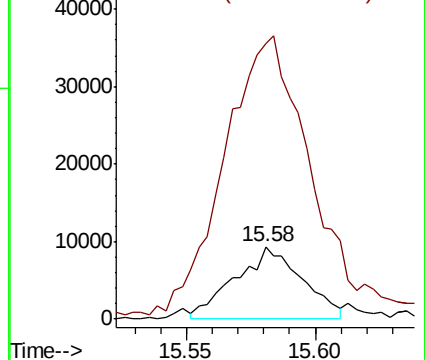
120 100

91 528.2 377.4 566.2



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: 9.748 ppbv

RT: 14.44 min Scan# 3623

Delta R.T. 0.01 min

Lab File: VL036635.D

Acq: 1 Apr 2021 16:47

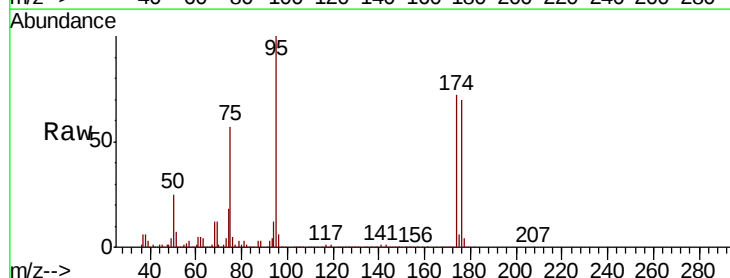
Tgt Ion: 95 Resp: 1821826

Ion Ratio Lower Upper

95 100

174 74.2 51.0 76.6

175 6.0 3.9 5.9#



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

