

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040121\
 Data File : VL036637.D
 Acq On : 1 Apr 2021 20:43
 Operator : SY/AP
 Sample : M1841-05 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 02 01:24:20 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	5.67	49	1257293	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3276841	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2872771	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2214466	9.67	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.70%

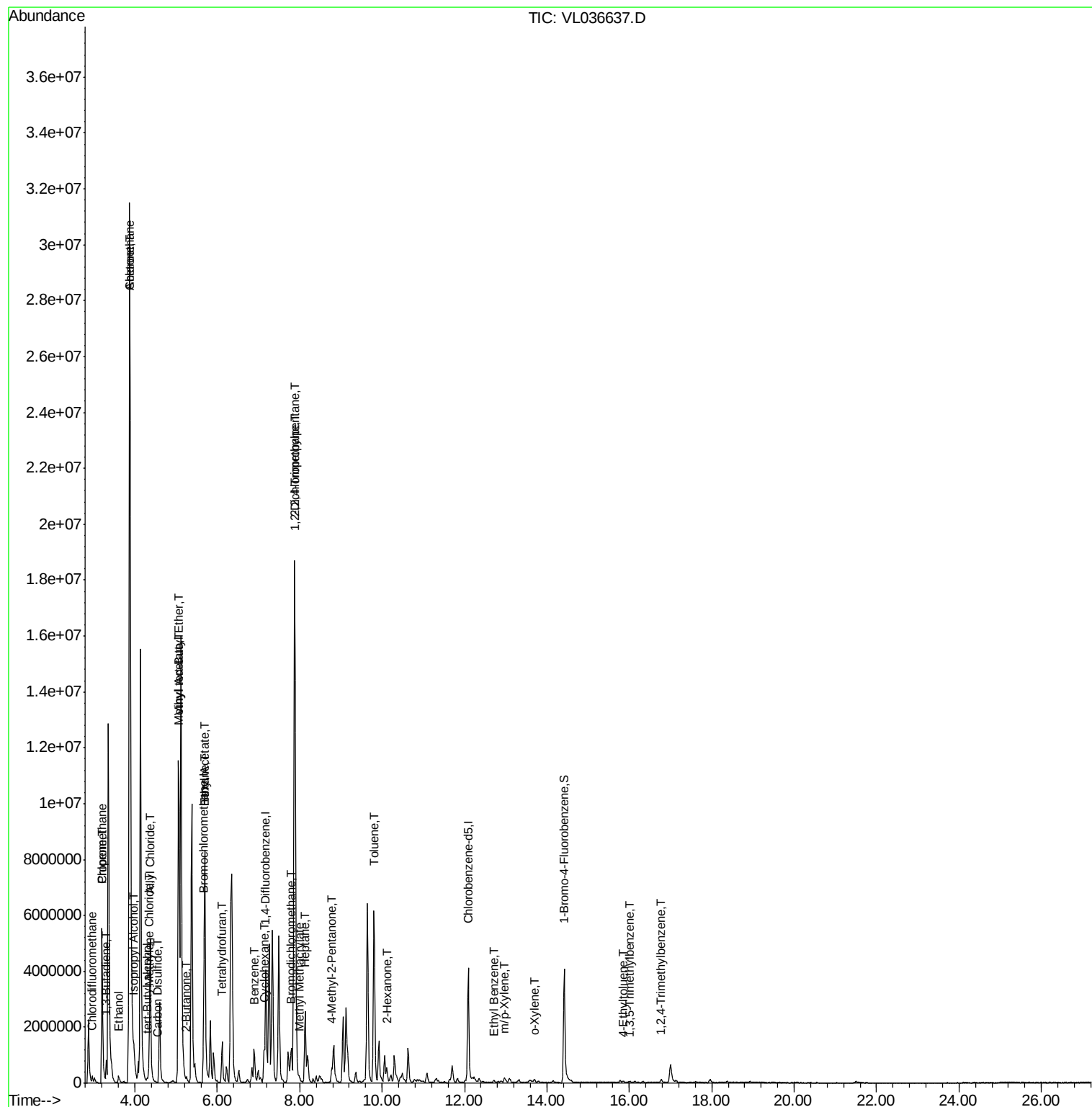
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	193752	0.825	ppbv #	60
4) Chloromethane	3.20	50	51710	0.623	ppbv #	67
7) Chloroethane	3.87	64	2390	0.082	ppbv #	1
9) Propene	3.20	41	2135088	28.510	ppbv	95
10) Heptane	8.13	43	1242970	6.515	ppbv	100
13) Ethanol	3.61	45	274893	30.825	ppbv	91
15) Acetone	3.87	43	18235786	147.363	ppbv #	63
16) 1,3-Butadiene	3.30	39	213799	2.482	ppbv #	18
17) tert-Butyl alcohol	4.31	59	51803	0.481	ppbv #	72
19) Isopropyl Alcohol	3.97	45	1247391	18.324	ppbv #	1
20) Methylene Chloride	4.34	84	257493	4.444	ppbv	91
21) Allyl Chloride	4.37	41	1040806	10.551	ppbv #	55
23) Vinyl Acetate	5.06	43	6464176	30.538	ppbv #	1
25) Ethyl Acetate	5.69	43	2770607	9.417	ppbv #	77
26) Hexane	5.69	57	3768309	27.601	ppbv #	47
27) Carbon Disulfide	4.55	76	12198	0.091	ppbv #	61
28) Methyl tert-Butyl Ether	5.05	73	22284	0.138	ppbv #	52
30) Cyclohexane	7.14	84	455883	4.117	ppbv	94
34) 2-Butanone	5.25	43	206291	1.290	ppbv	97
36) Benzene	6.90	78	961777	3.182	ppbv	95
39) 1,2-Dichloropropane	7.89	63	8855	0.072	ppbv #	1
41) Tetrahydrofuran	6.11	42	77218	1.047	ppbv #	42
42) Bromodichloromethane	7.80	83	152508	0.630	ppbv #	26
43) Methyl Methacrylate	7.98	69	54696	0.539	ppbv #	1
44) 2,2,4-Trimethylpentane	7.88	57	19287846	36.263	ppbv #	81
50) 4-Methyl-2-Pentanone	8.77	43	21434	0.093	ppbv #	61
51) 2-Hexanone	10.11	43	274952	2.354	ppbv #	34
53) Toluene	9.81	91	113458	0.353	ppbv	99
58) Ethyl Benzene	12.71	91	24742	0.059	ppbv	98
59) m/p-Xylene	12.97	91	155888	0.428	ppbv	98
60) o-Xylene	13.70	91	36431	0.103	ppbv #	13
72) 4-Ethyltoluene	15.85	105	17078	0.044	ppbv #	40
73) 1,3,5-Trimethylbenzene	16.00	105	15893	0.044	ppbv	88
74) 1,2,4-Trimethylbenzene	16.77	105	73145	0.190	ppbv #	66

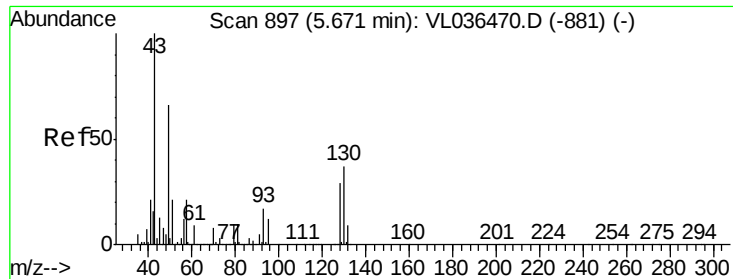
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :
MSVOA_L
ClientSampleId :

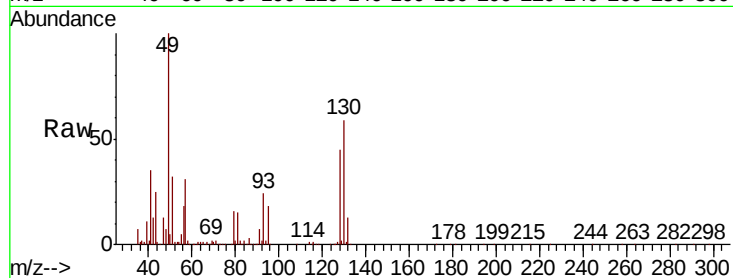
Tot Ion: 49 Resp: 1257293

Ion Ratio Lower Upper

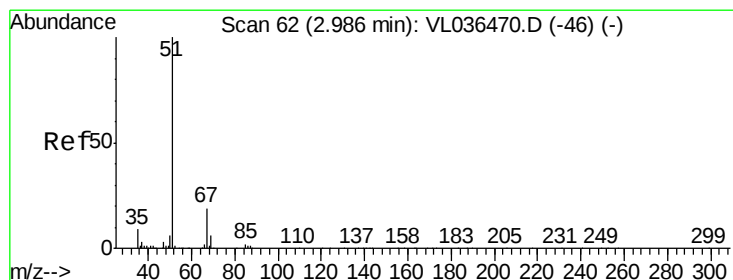
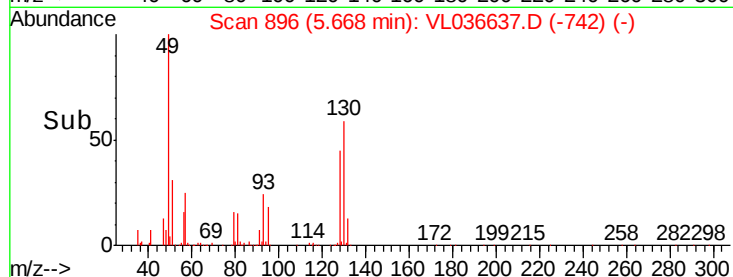
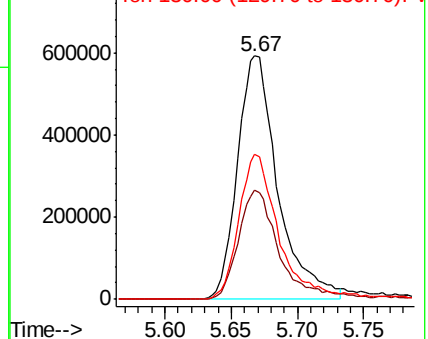
49 100

128 46.8 23.5 70.6

130 60.8 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: 0.825 ppbv

RT: 2.96 min Scan# 54

Delta R.T. -0.03 min

Lab File: VL036637.D

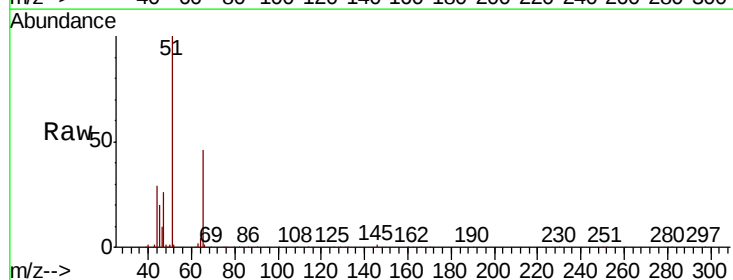
Acq: 1 Apr 2021 20:43

Tgt Ion: 51 Resp: 193752

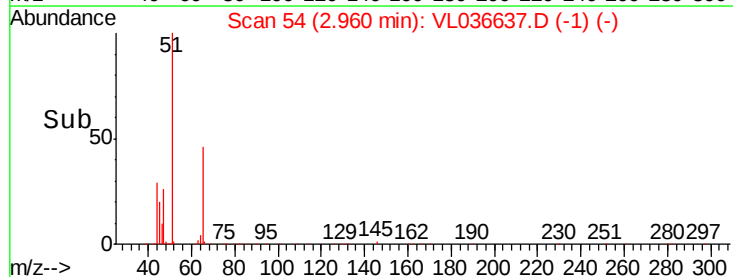
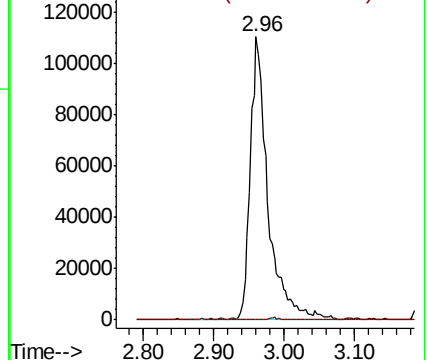
Ion Ratio Lower Upper

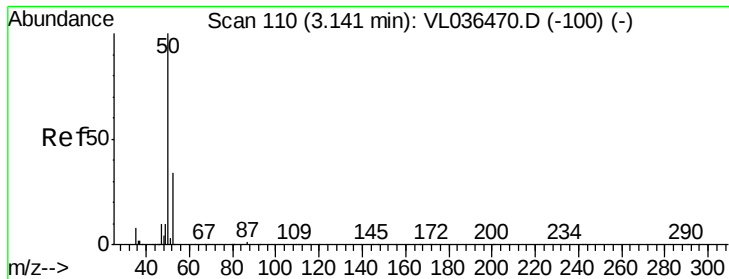
51 100

67 0.5 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: 0.623 ppbv

RT: 3.20 min Scan# 129

Delta R.T. 0.06 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

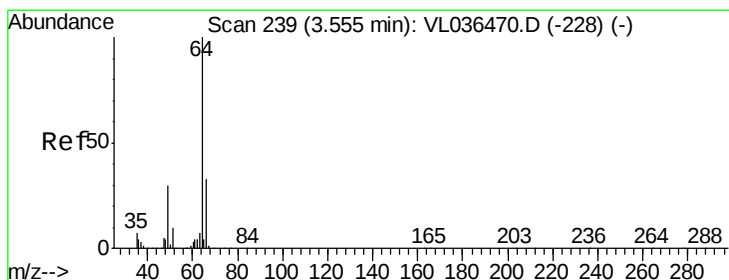
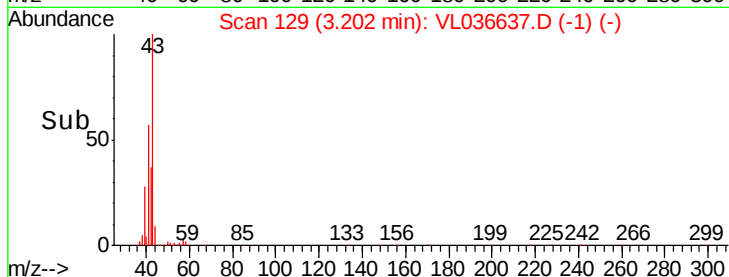
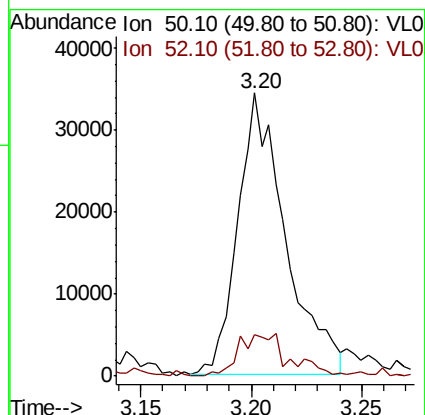
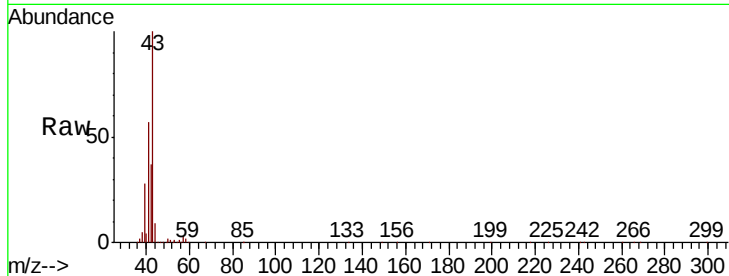
ClientSampleId :

Tot Ion: 50 Resp: 51710

Ion Ratio Lower Upper

50 100

52 14.7 27.0 40.6#



#7

Chloroethane

Concen: 0.082 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.32 min

Lab File: VL036637.D

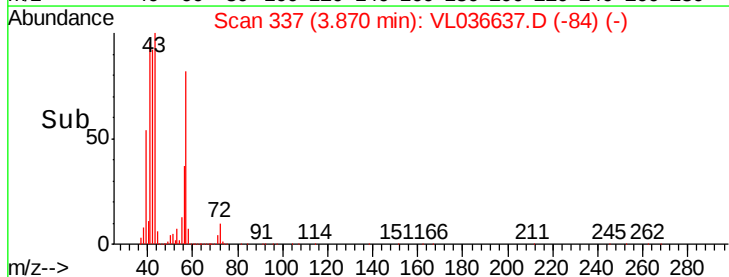
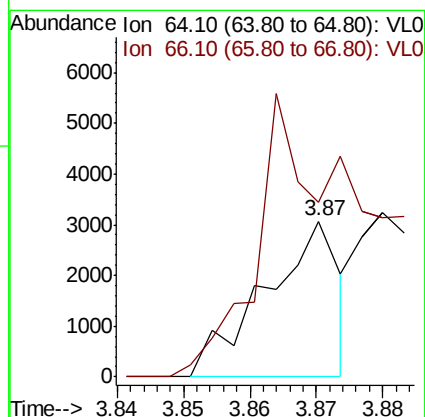
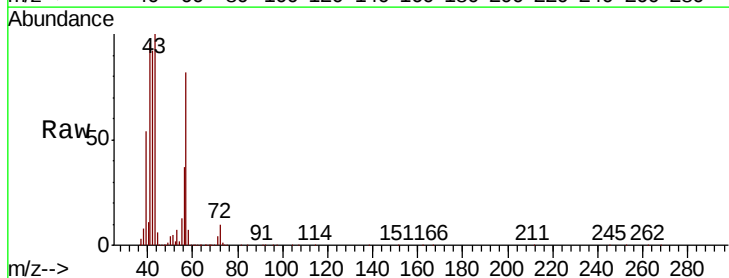
Acq: 1 Apr 2021 20:43

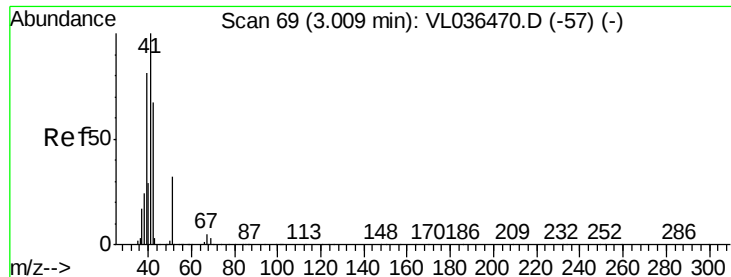
Tgt Ion: 64 Resp: 2390

Ion Ratio Lower Upper

64 100

66 112.2 26.2 39.2#





#9

Propene

Concen: 28.510 ppbv

RT: 3.20 min Scan# 130

Delta R.T. 0.20 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

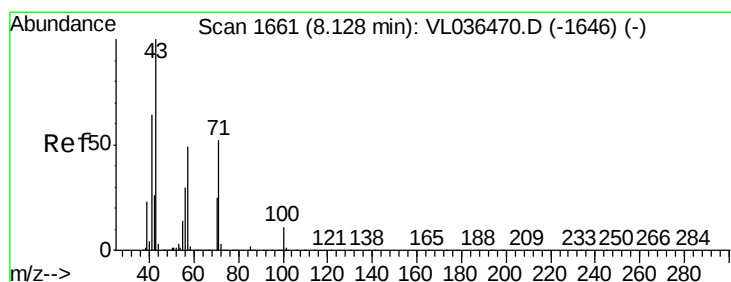
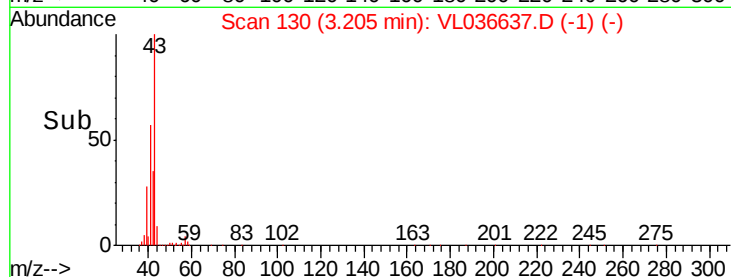
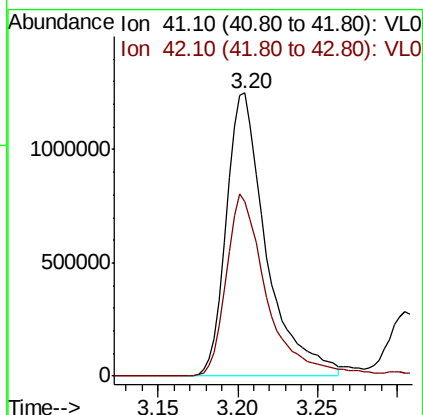
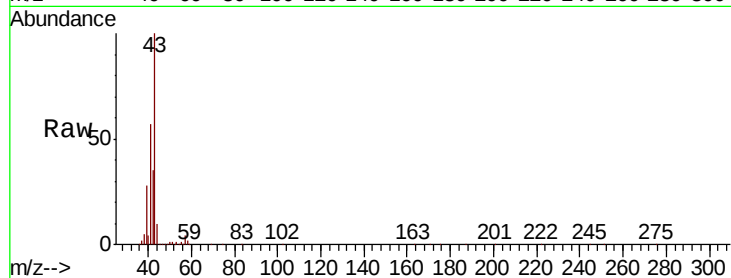
ClientSampleId :

Tot Ion: 41 Resp: 2135088

Ion Ratio Lower Upper

41 100

42 67.0 57.0 85.4



#10

Heptane

Concen: 6.515 ppbv

RT: 8.13 min Scan# 1662

Delta R.T. 0.00 min

Lab File: VL036637.D

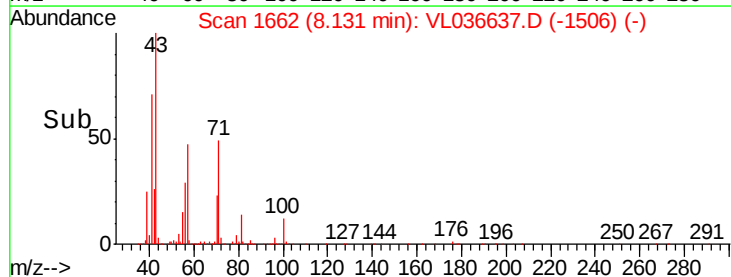
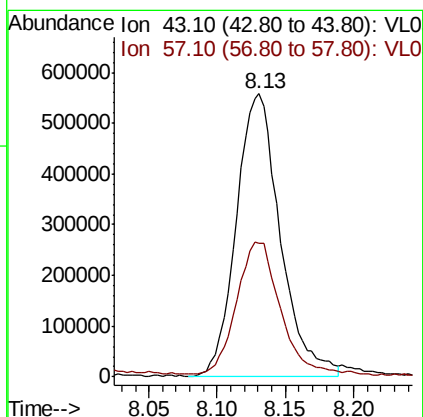
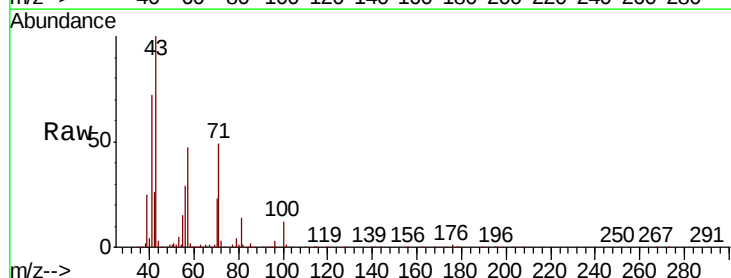
Acq: 1 Apr 2021 20:43

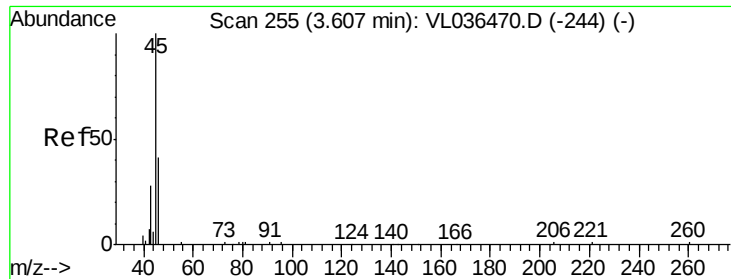
Tgt Ion: 43 Resp: 1242970

Ion Ratio Lower Upper

43 100

57 48.5 39.0 58.6

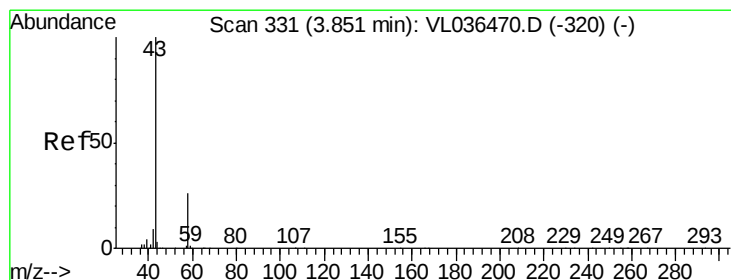
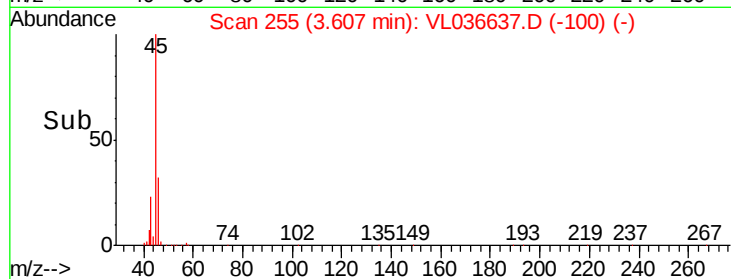
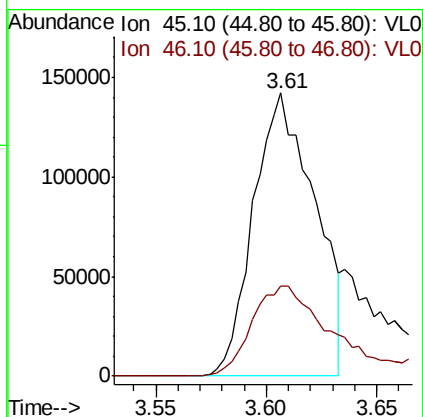
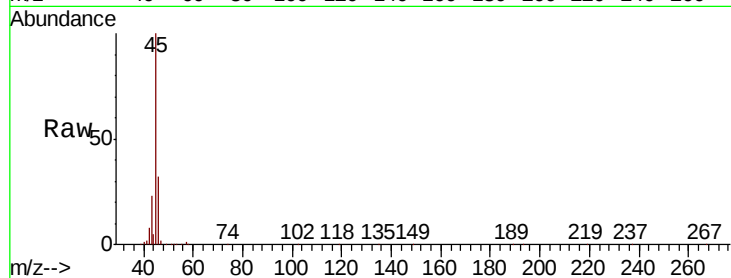




#13
Ethanol
Concen: 30.825 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

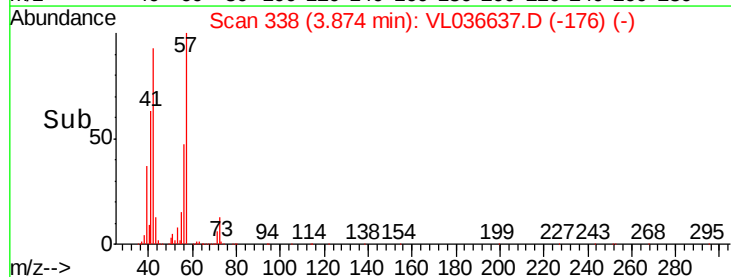
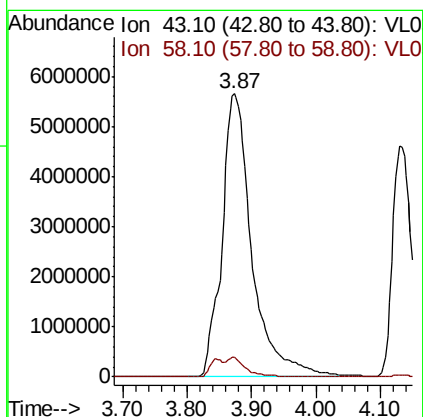
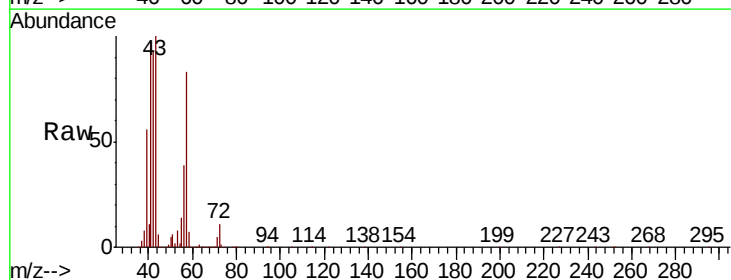
Instrument :
MSVOA_L
ClientSampleId :

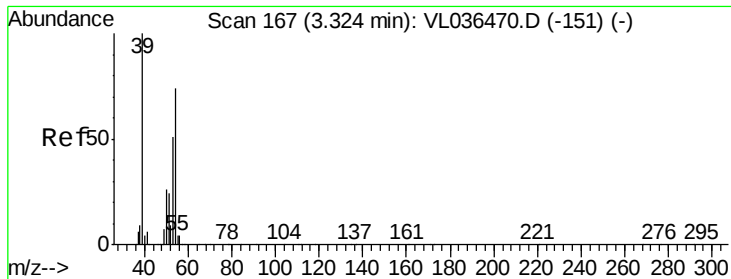
Tot Ion: 45 Resp: 274893
Ion Ratio Lower Upper
45 100
46 46.9 16.6 66.2



#15
Acetone
Concen: 147.363 ppbv
RT: 3.87 min Scan# 338
Delta R.T. 0.02 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 43 Resp: 18235786
Ion Ratio Lower Upper
43 100
58 7.4 21.2 31.8#

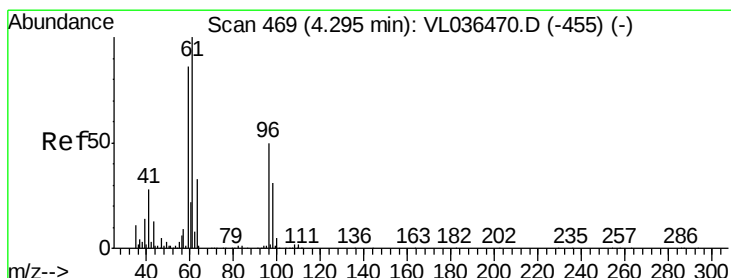
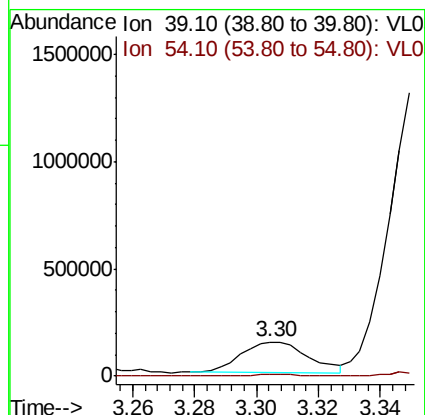
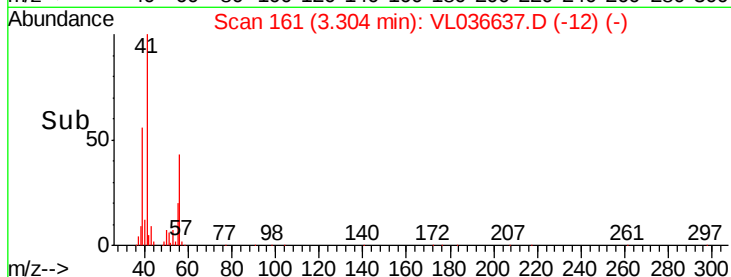
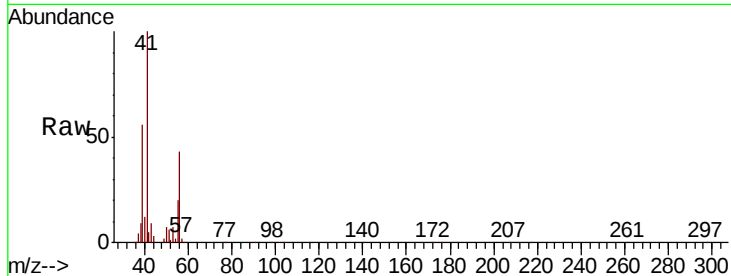




#16
1,3-Butadiene
Concen: 2.482 ppbv
RT: 3.30 min Scan# 161
Delta R.T. -0.02 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

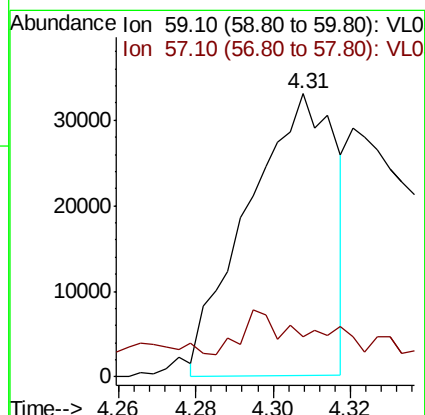
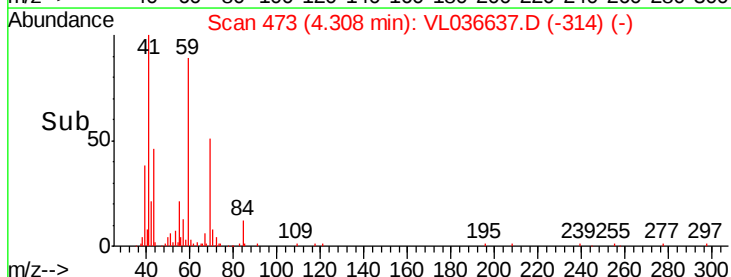
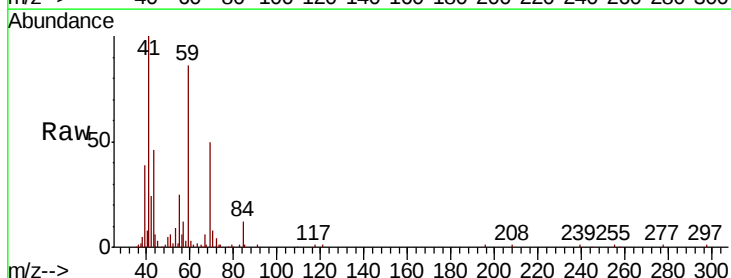
Instrument :
MSVOA_L
ClientSampled :

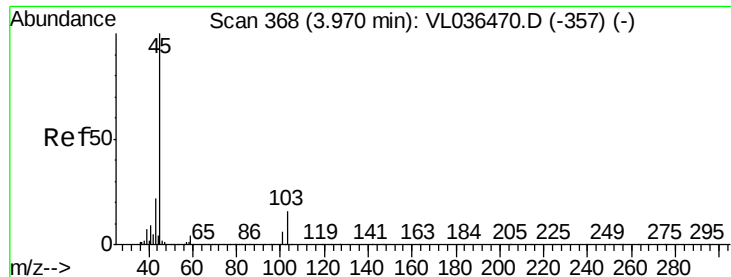
Tot Ion: 39 Resp: 213799
Ion Ratio Lower Upper
39 100
54 4.5 58.8 88.2#



#17
tert-Butyl alcohol
Concen: 0.481 ppbv
RT: 4.31 min Scan# 473
Delta R.T. 0.01 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 59 Resp: 51803
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 18.324 ppbv

RT: 3.97 min Scan# 368

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

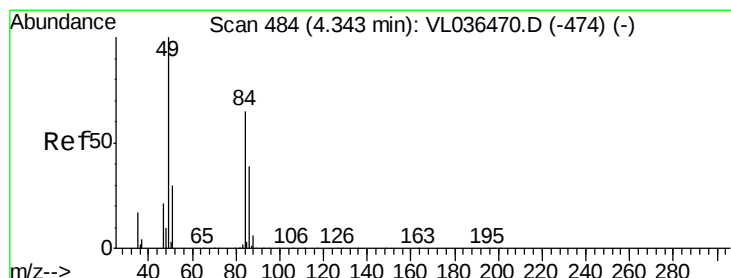
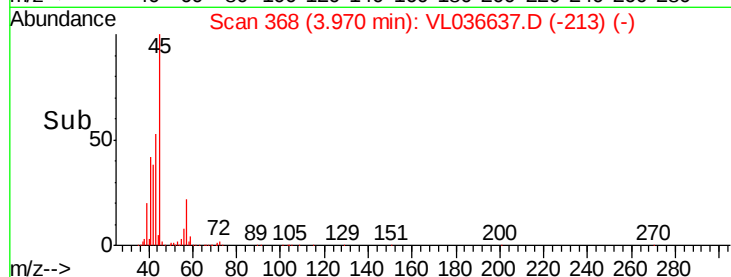
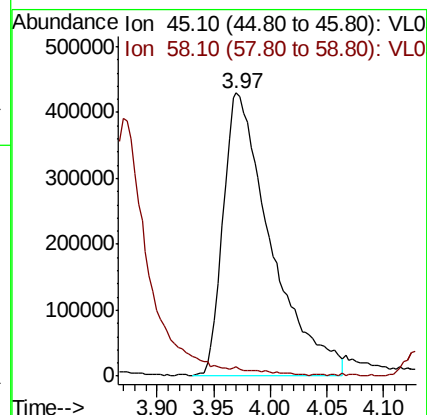
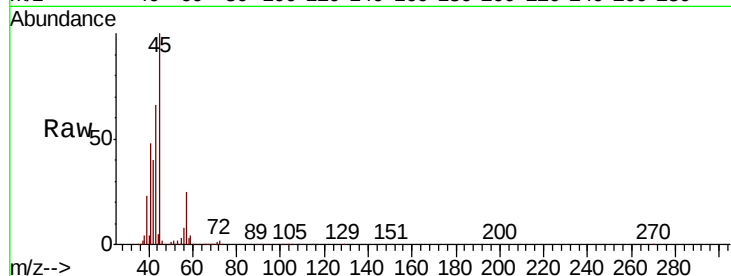
ClientSampleId :

Tot Ion: 45 Resp: 1247391

Ion Ratio Lower Upper

45 100

58 108.4 2.9 4.3#



#20

Methylene Chloride

Concen: 4.444 ppbv

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Tgt Ion: 84 Resp: 257493

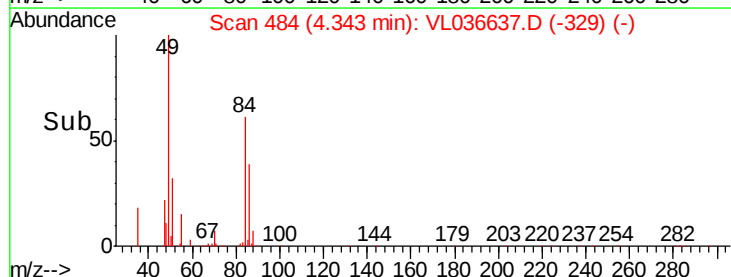
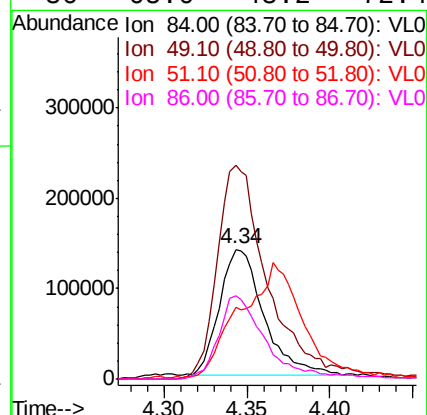
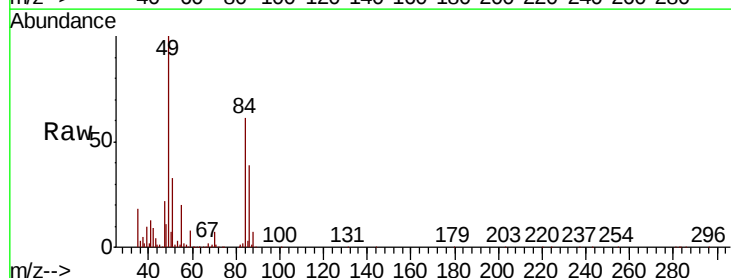
Ion Ratio Lower Upper

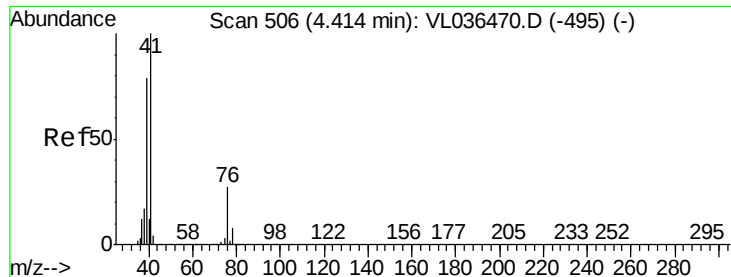
84 100

49 165.5 122.9 184.3

51 54.8 36.9 55.3

86 65.0 48.2 72.4





#21

Allvl Chloride

Concen: 10.551 ppbv

RT: 4.37 min Scan# 492

Delta R.T. -0.05 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

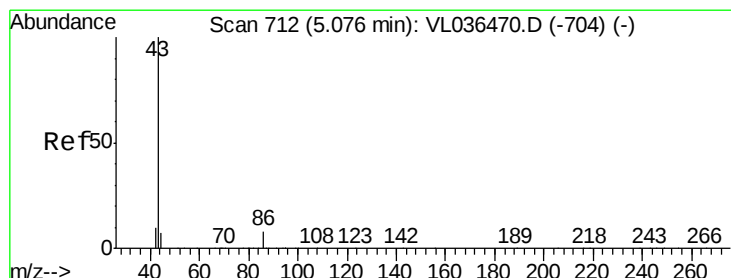
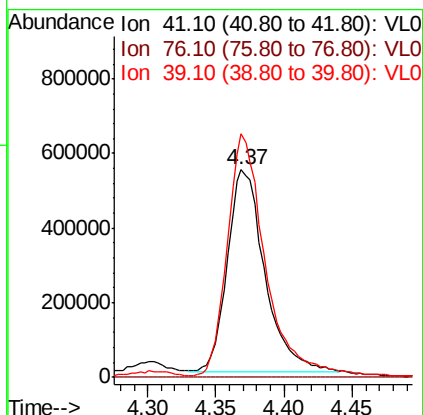
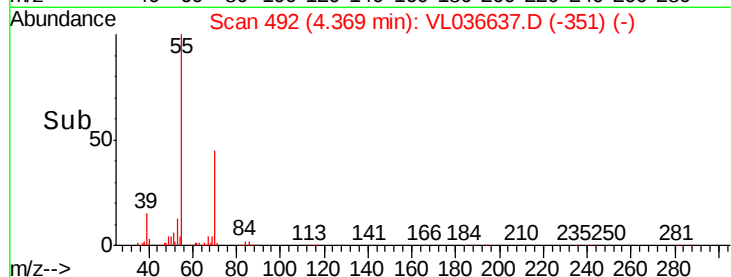
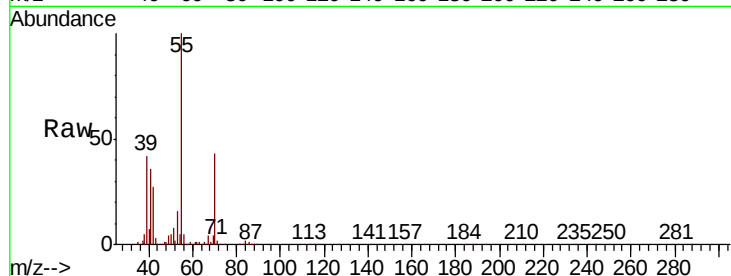
Tot Ion: 41 Resp: 1040806

Ion Ratio Lower Upper

41 100

76 0.0 22.9 34.3#

39 122.7 67.3 100.9#



#23

Vinyl Acetate

Concen: 30.538 ppbv

RT: 5.06 min Scan# 707

Delta R.T. -0.02 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Tgt Ion: 43 Resp: 6464176

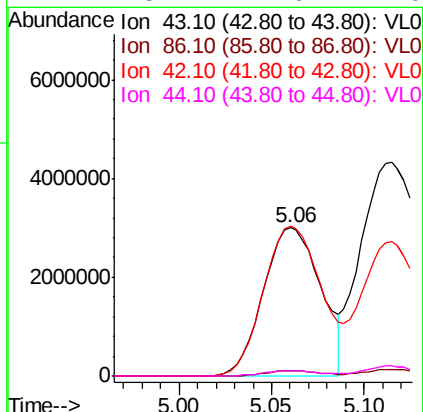
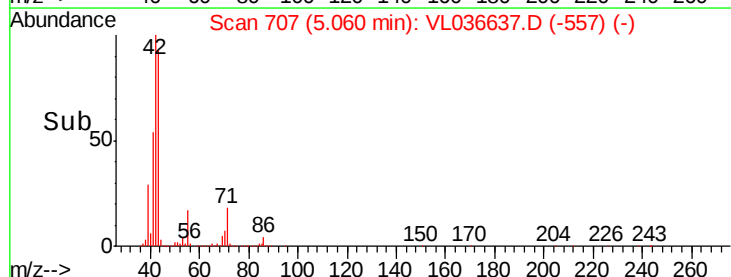
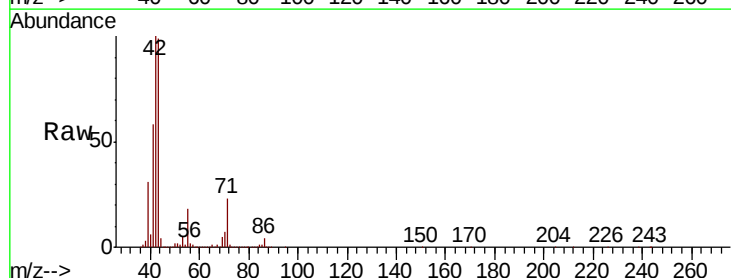
Ion Ratio Lower Upper

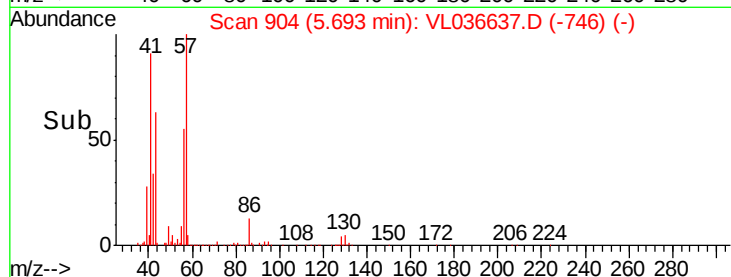
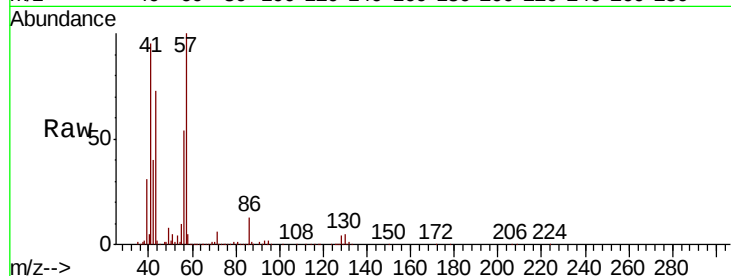
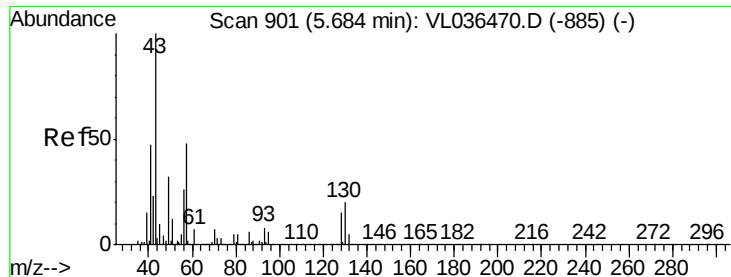
43 100

86 3.7 5.4 8.0#

42 101.2 8.5 12.7#

44 3.7 4.6 7.0#

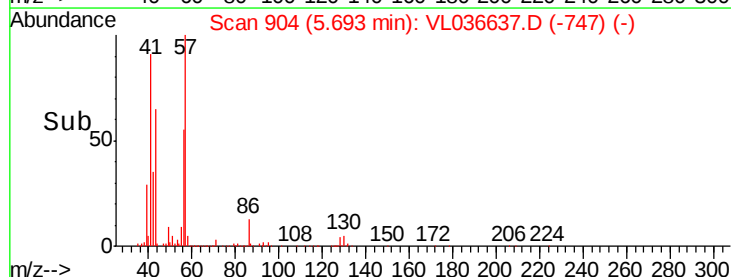
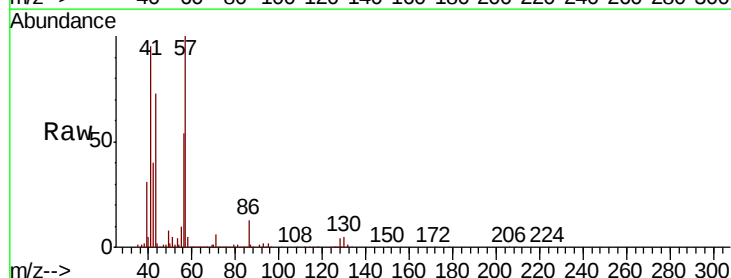
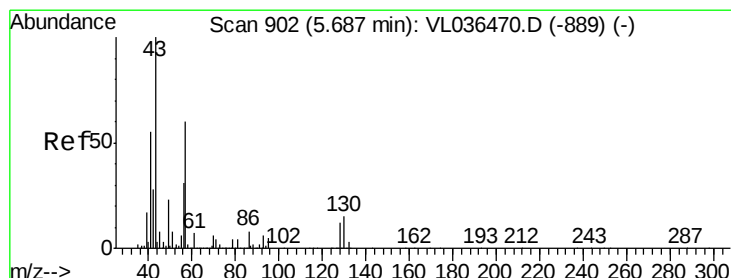
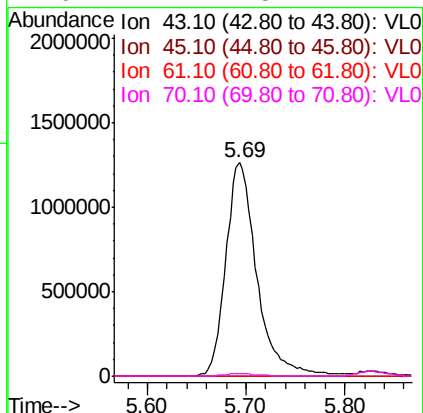




#25
Ethyl Acetate
Concen: 9.417 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

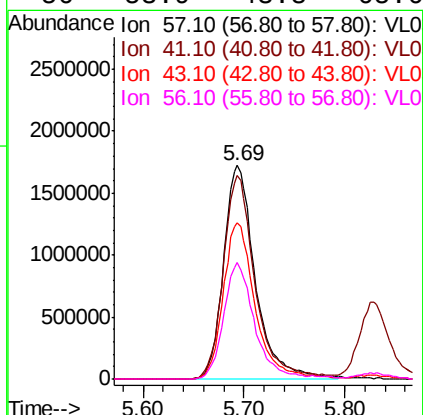
Instrument :
MSVOA_L
ClientSampleId :

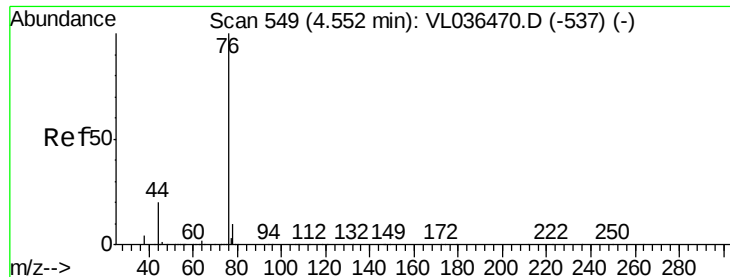
Tot Ion:	43	Resp:	2770607
Ion	Ratio	Lower	Upper
43	100		
45	0.1	7.9	11.9#
61	0.2	7.4	11.2#
70	1.4	5.1	7.7#



#26
Hexane
Concen: 27.601 ppbv
RT: 5.69 min Scan# 904
Delta R.T. 0.01 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion:	57	Resp:	3768309
Ion	Ratio	Lower	Upper
57	100		
41	96.0	77.2	115.8
43	73.6	173.8	260.6#
56	53.9	43.8	65.6





#27

Carbon Disulfide

Concen: 0.091 ppbv

RT: 4.55 min Scan# 548

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

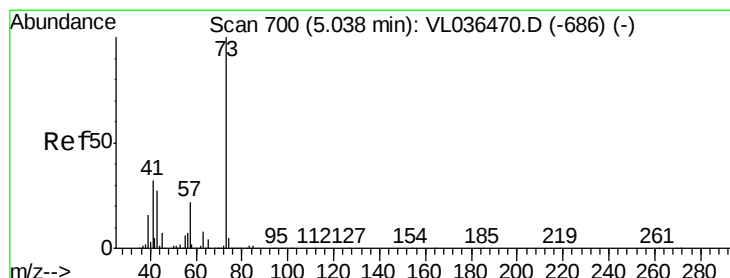
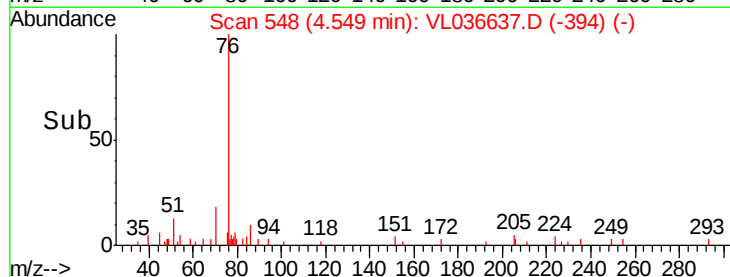
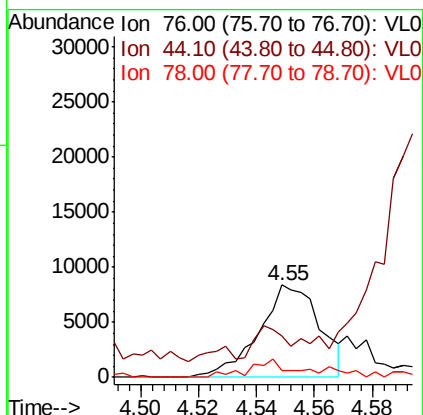
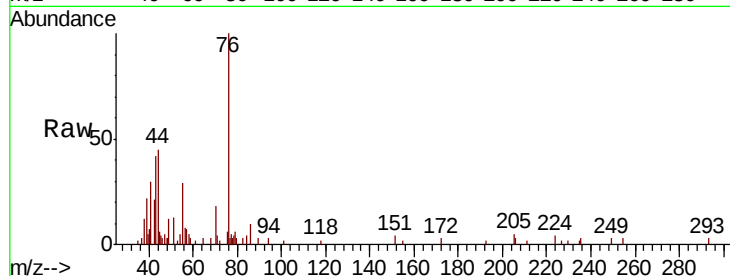
Tot Ion: 76 Resp: 12198

Ion Ratio Lower Upper

76 100

44 0.0 17.5 26.3#

78 20.2 8.6 13.0#



#28

Methyl tert-Butyl Ether

Concen: 0.138 ppbv

RT: 5.05 min Scan# 703

Delta R.T. 0.01 min

Lab File: VL036637.D

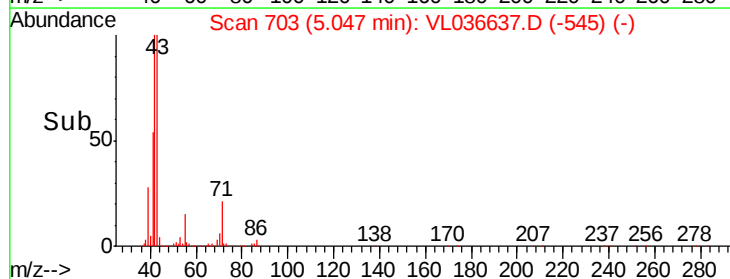
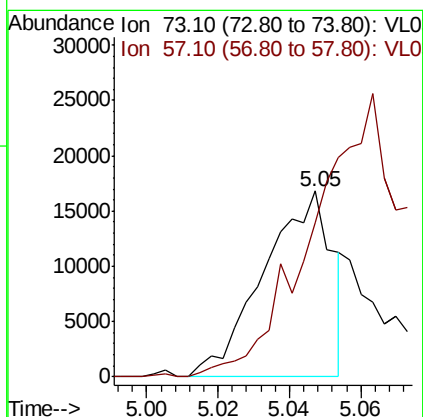
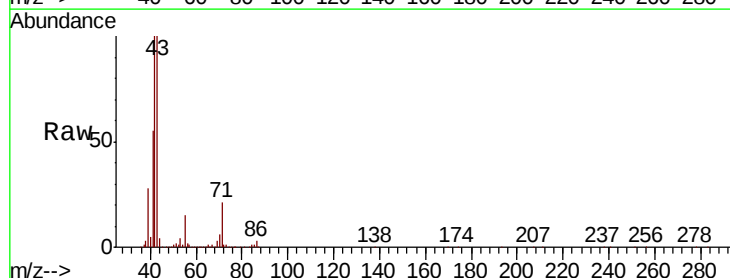
Acq: 1 Apr 2021 20:43

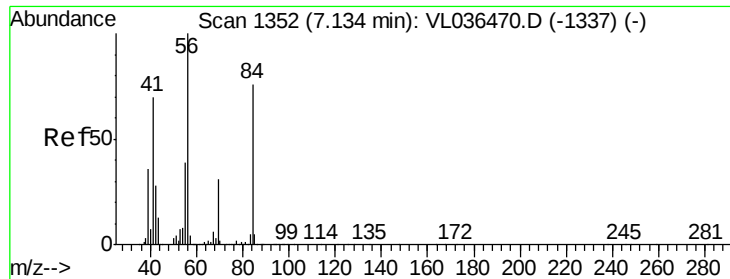
Tgt Ion: 73 Resp: 22284

Ion Ratio Lower Upper

73 100

57 0.0 18.5 27.7#

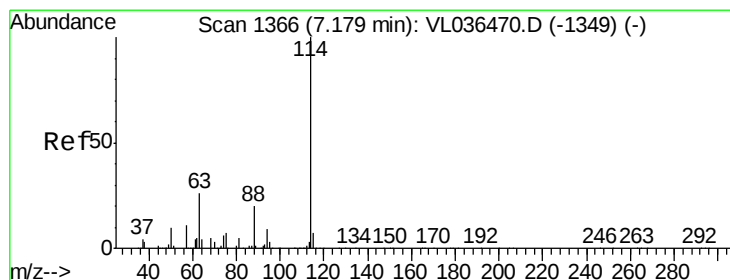
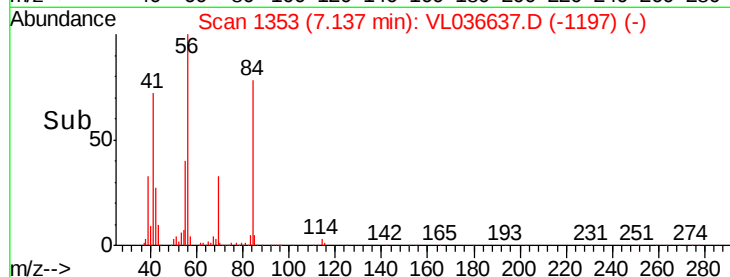
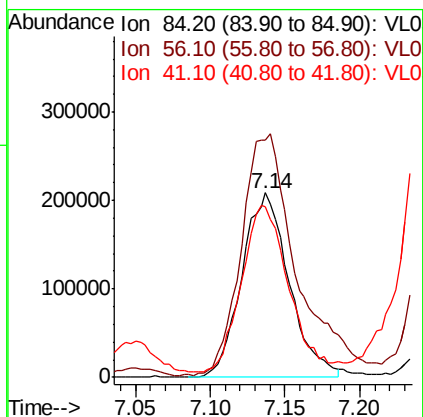
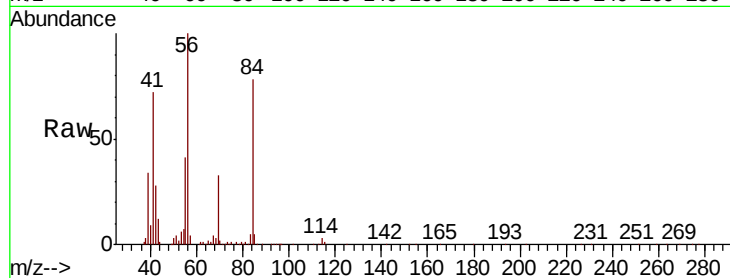




#30
Cyclohexane
Concen: 4.117 ppbv
RT: 7.14 min Scan# 1353
Delta R.T. 0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

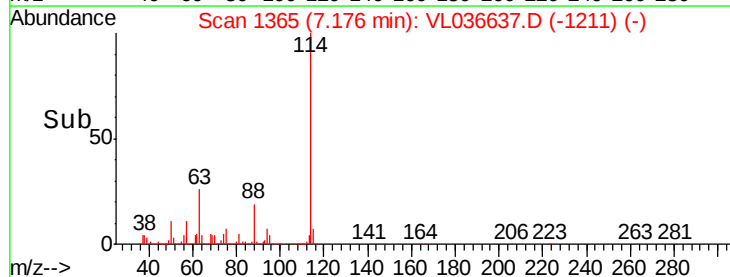
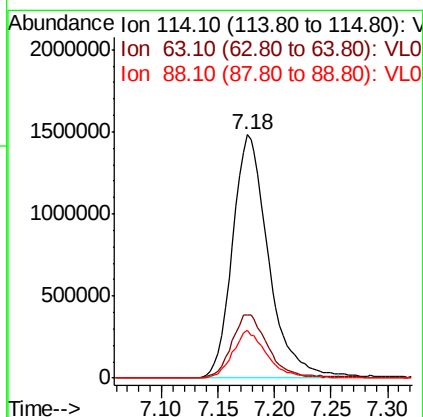
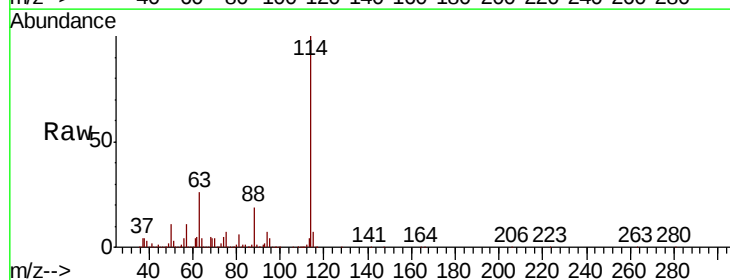
Instrument :
MSVOA_L
ClientSampleId :

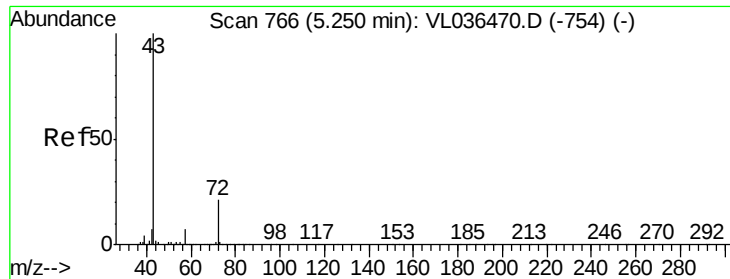
Tot Ion: 84 Resp: 455883
Ion Ratio Lower Upper
84 100
56 153.4 114.6 171.8
41 90.7 75.3 112.9



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 114 Resp: 3276841
Ion Ratio Lower Upper
114 100
63 27.1 22.4 33.6
88 18.9 15.4 23.0

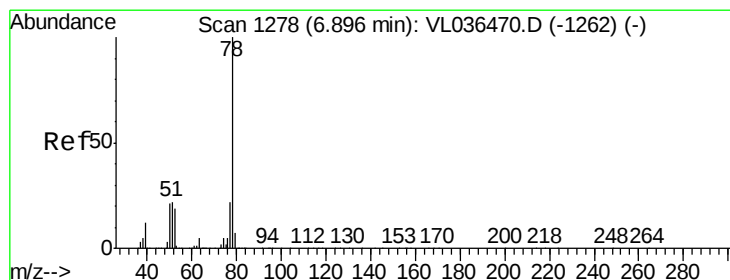
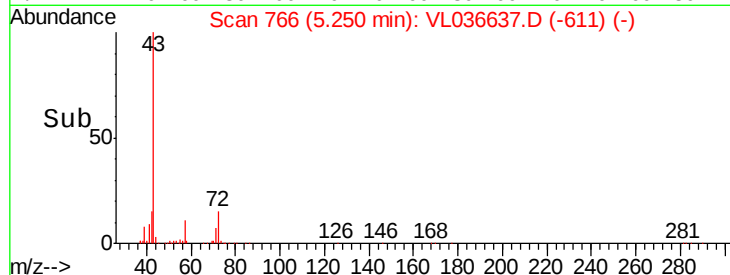
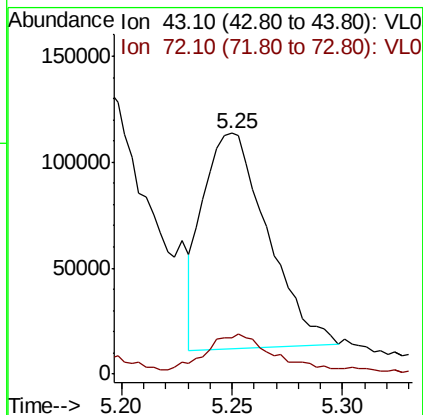
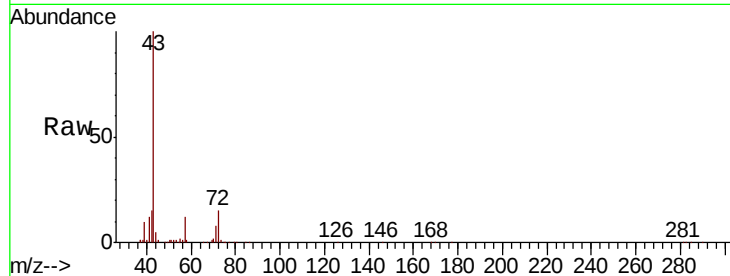




#34
2-Butanone
Concen: 1.290 ppbv
RT: 5.25 min Scan# 766
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

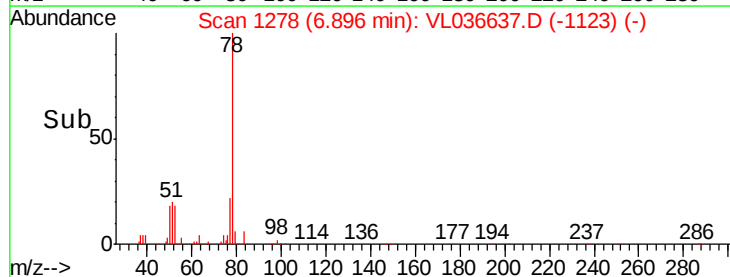
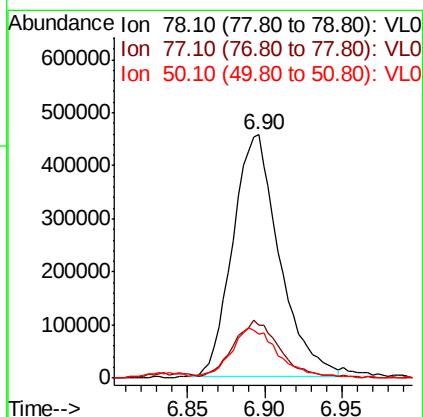
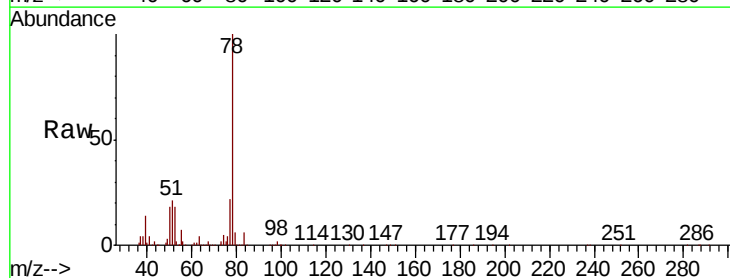
Instrument :
MSVOA_L
ClientSampled :

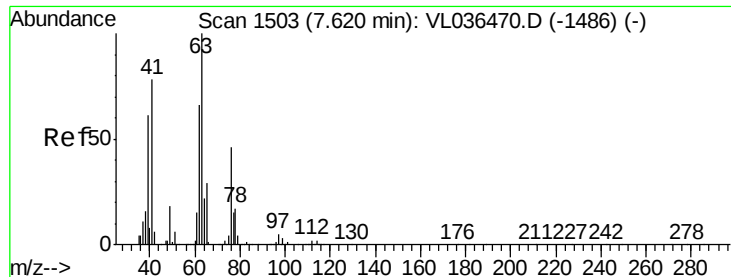
Tot Ion: 43 Resp: 206291
Ion Ratio Lower Upper
43 100
72 22.6 17.0 25.6



#36
Benzene
Concen: 3.182 ppbv
RT: 6.90 min Scan# 1278
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 78 Resp: 961777
Ion Ratio Lower Upper
78 100
77 21.1 18.0 27.0
50 17.5 16.5 24.7





#39

1,2-Dichloropropane

Concen: 0.072 ppbv

RT: 7.89 min Scan# 1588

Delta R.T. 0.27 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

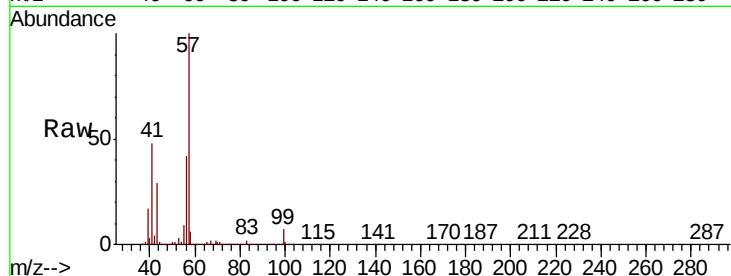
Tot Ion: 63 Resp: 8855

Ion Ratio Lower Upper

63 100

41 17932.7 62.4 93.6#

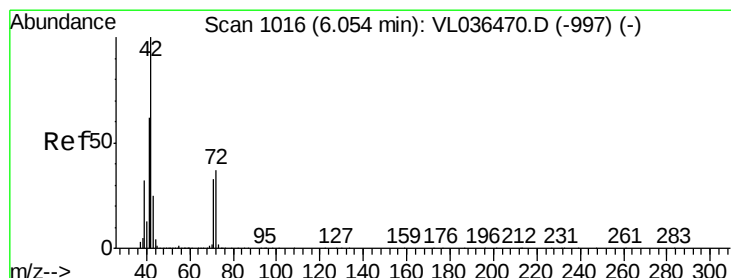
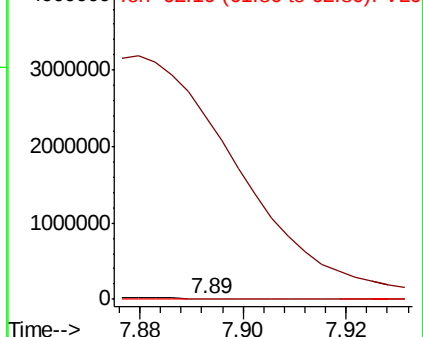
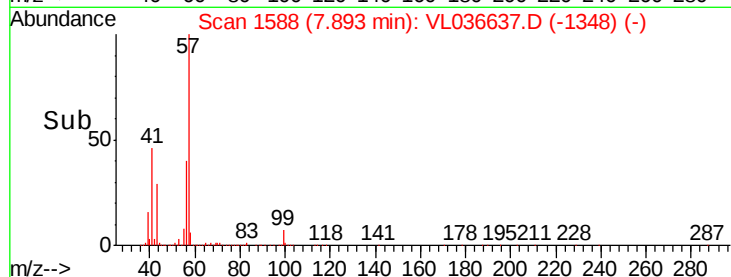
62 32.0 52.8 79.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#41

Tetrahydrofuran

Concen: 1.047 ppbv

RT: 6.11 min Scan# 1035

Delta R.T. 0.06 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

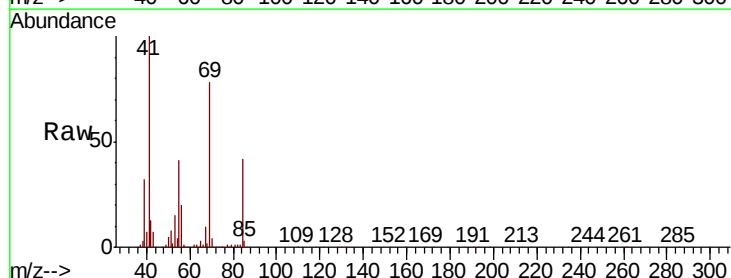
Tgt Ion: 42 Resp: 77218

Ion Ratio Lower Upper

42 100

72 1.1 27.6 41.4#

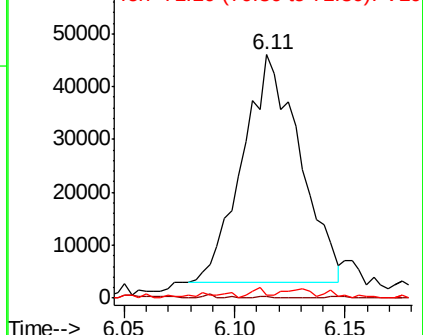
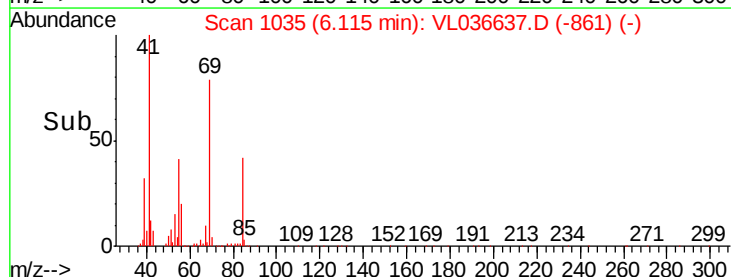
71 0.0 27.0 40.4#

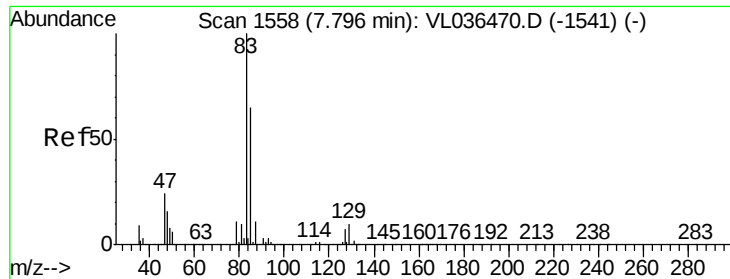


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.630 ppbv

RT: 7.80 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

ClientSampleId :

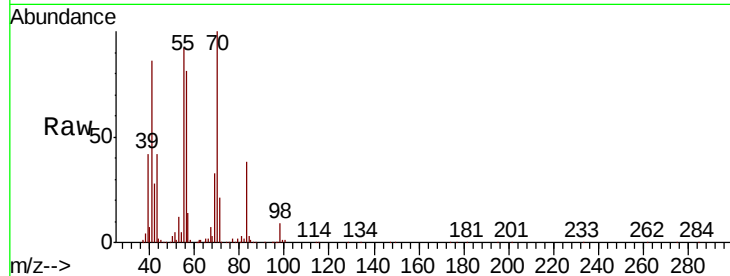
Tot Ion: 83 Resp: 152508

Ion Ratio Lower Upper

83 100

85 2.2 51.8 77.6#

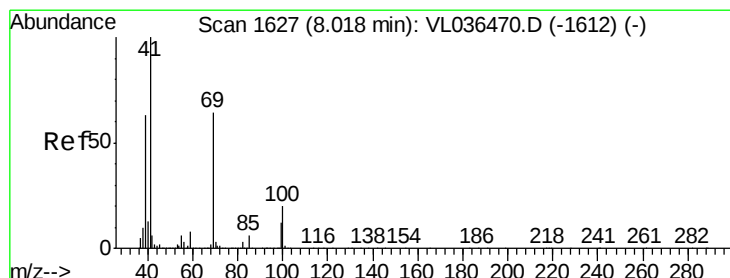
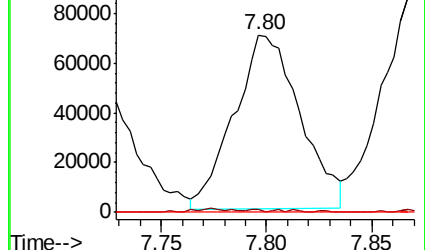
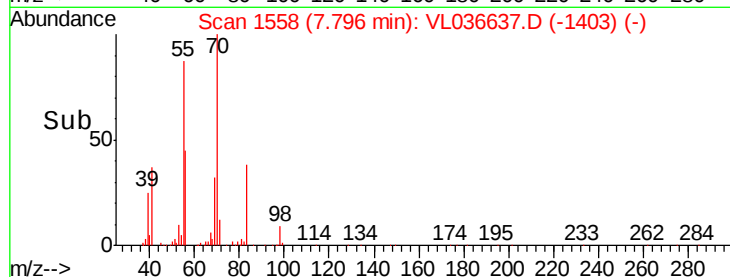
127 0.0 5.8 8.8#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.539 ppbv

RT: 7.98 min Scan# 1616

Delta R.T. -0.04 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

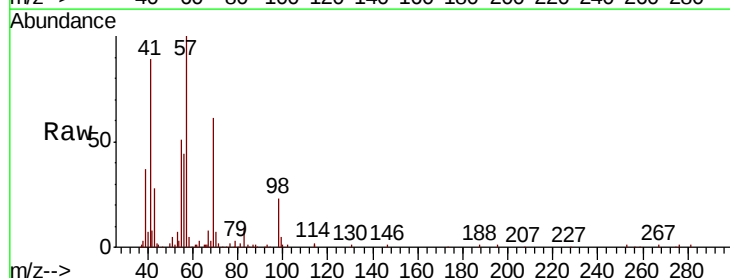
Tgt Ion: 69 Resp: 54696

Ion Ratio Lower Upper

69 100

41 1534.5 126.8 190.2#

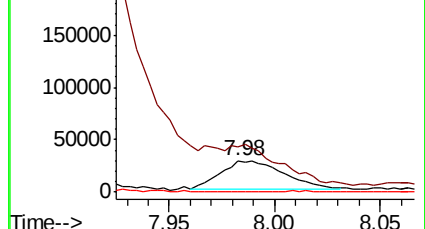
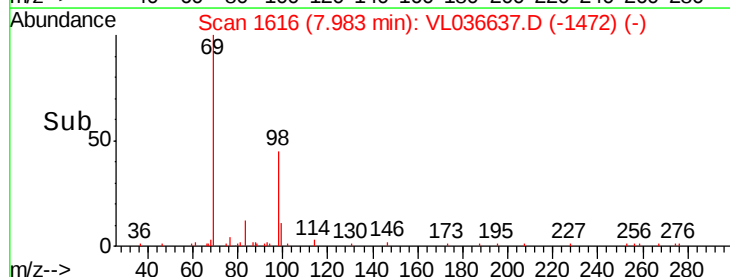
100 268.9 24.9 37.3#

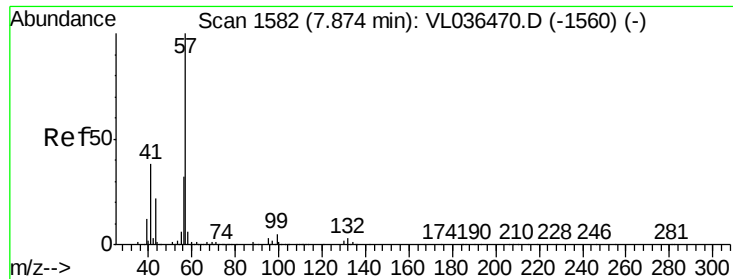


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

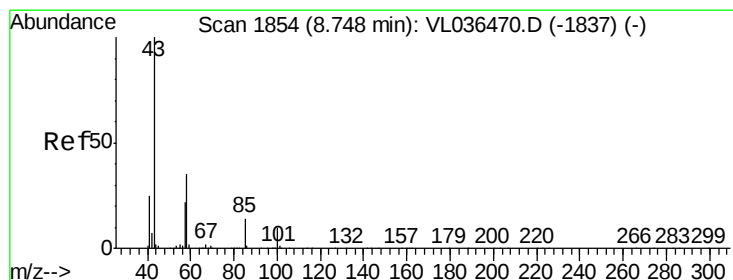
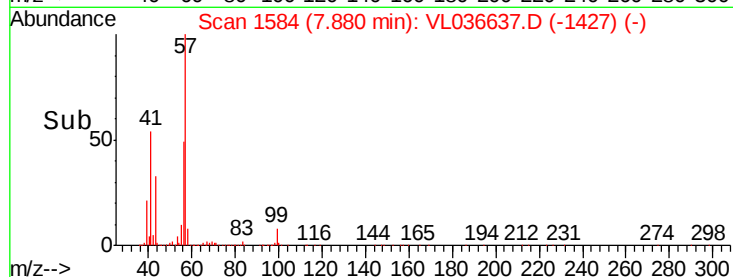
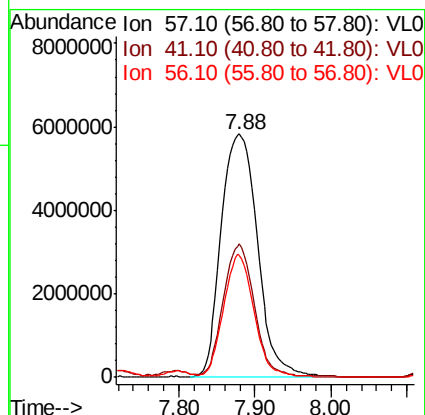
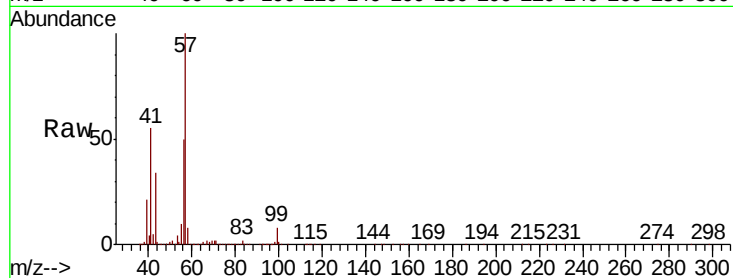




#44
 2,2,4-Trimethylpentane
 Concen: 36.263 ppbv
 RT: 7.88 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VL036637.D
 Acq: 1 Apr 2021 20:43

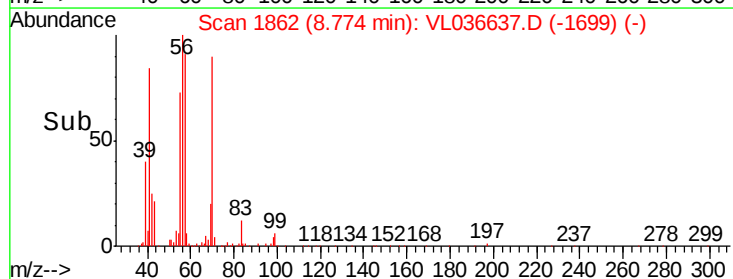
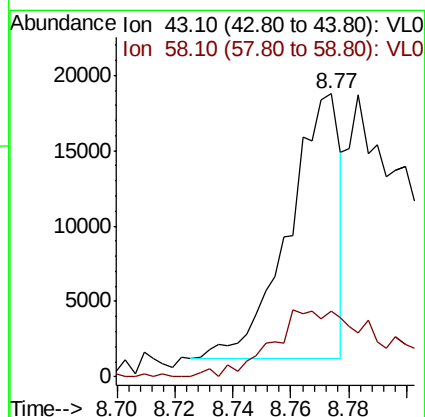
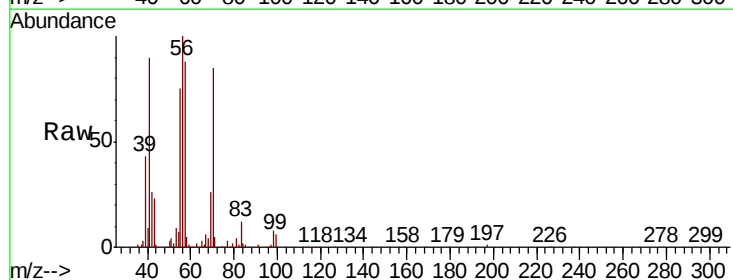
Instrument :
 MSVOA_L
 ClientSampleId :

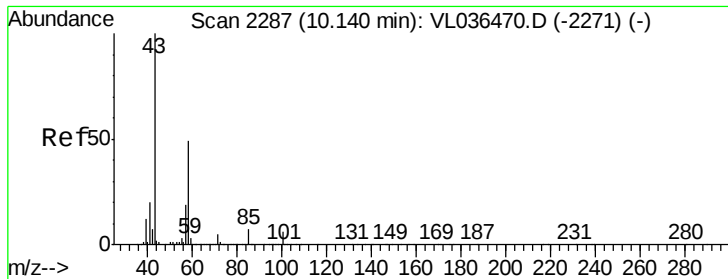
Tot Ion: 57 Resp:19287846
 Ion Ratio Lower Upper
 57 100
 41 47.6 28.8 43.2#
 56 42.8 26.1 39.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.093 ppbv
 RT: 8.77 min Scan# 1862
 Delta R.T. 0.03 min
 Lab File: VL036637.D
 Acq: 1 Apr 2021 20:43

Tgt Ion: 43 Resp: 21434
 Ion Ratio Lower Upper
 43 100
 58 57.9 28.2 42.2#

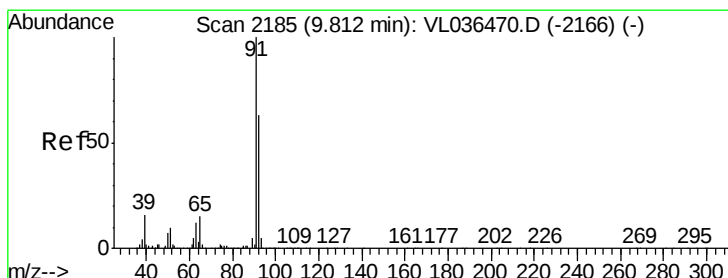
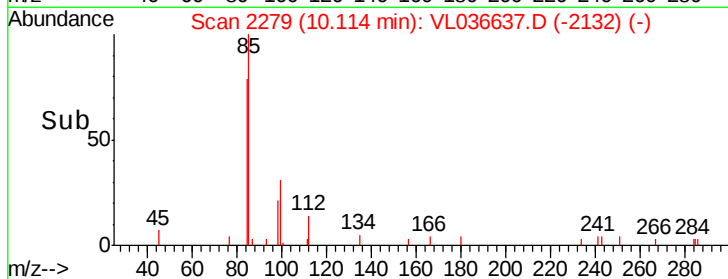
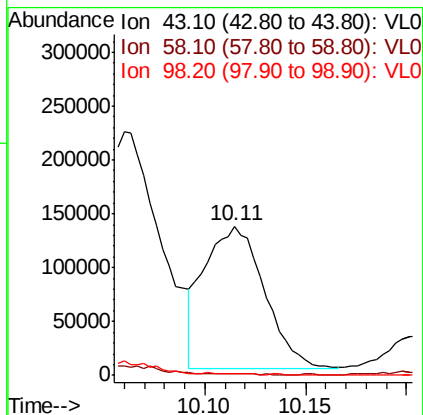
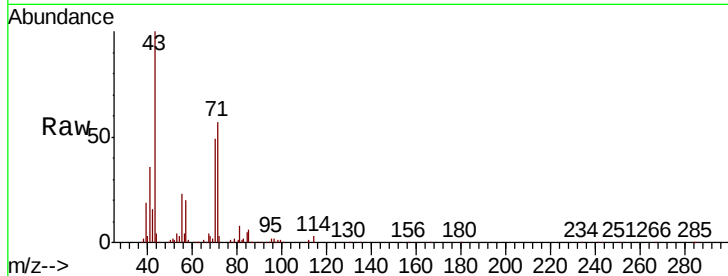




#51
2-Hexanone
Concen: 2.354 ppbv
RT: 10.11 min Scan# 2279
Delta R.T. -0.03 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

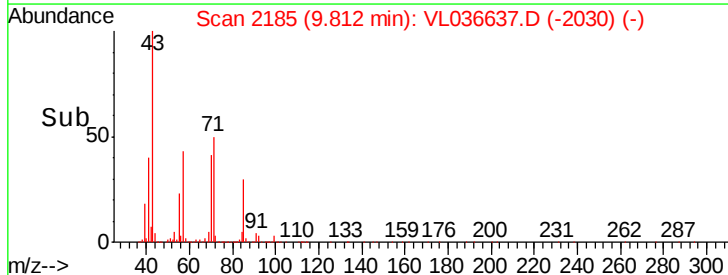
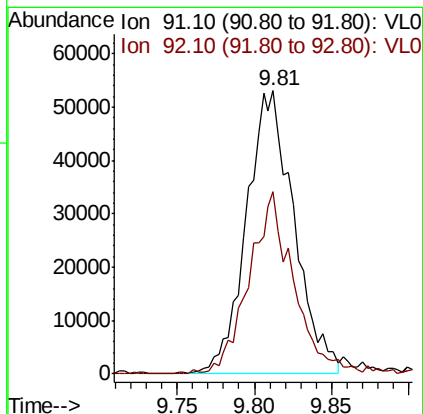
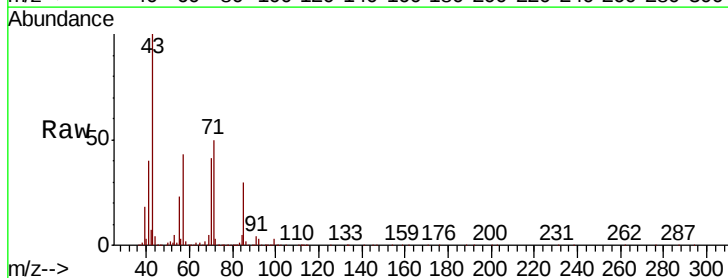
Instrument :
MSVOA_L
ClientSampled :

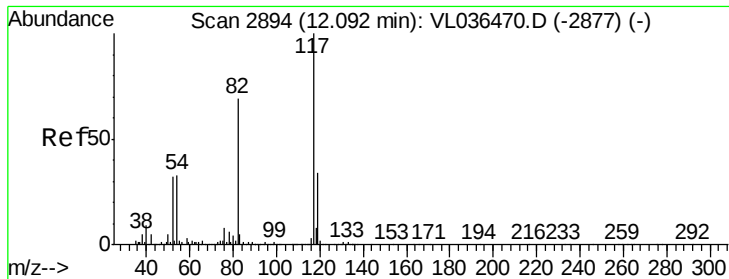
Tot Ion: 43 Resp: 274952
Ion Ratio Lower Upper
43 100
58 2.8 37.7 56.5#
98 0.0 0.2 0.2#



#53
Toluene
Concen: 0.353 ppbv
RT: 9.81 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 91 Resp: 113458
Ion Ratio Lower Upper
91 100
92 61.6 48.8 73.2

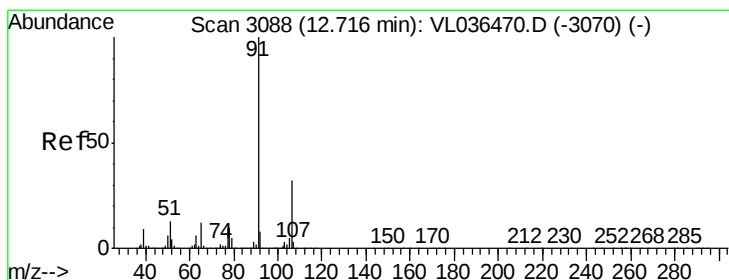
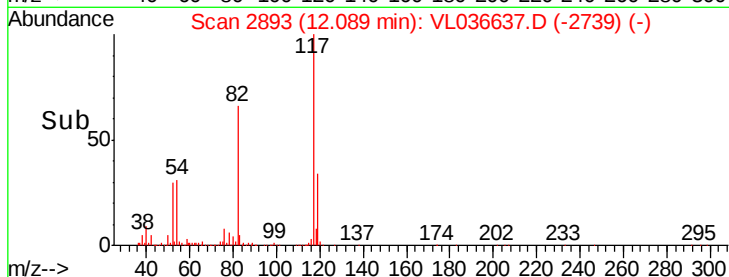
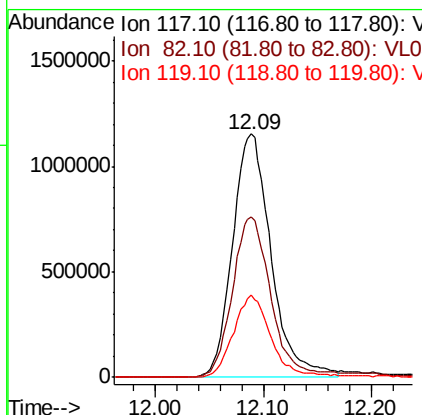
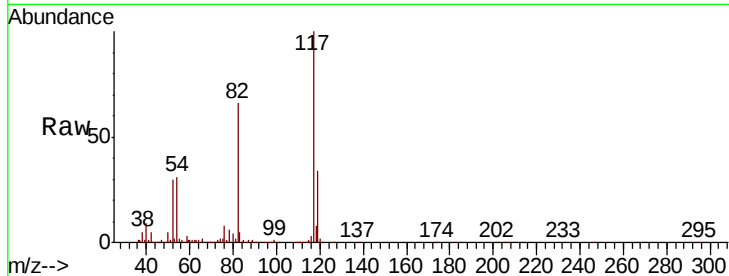




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.00 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

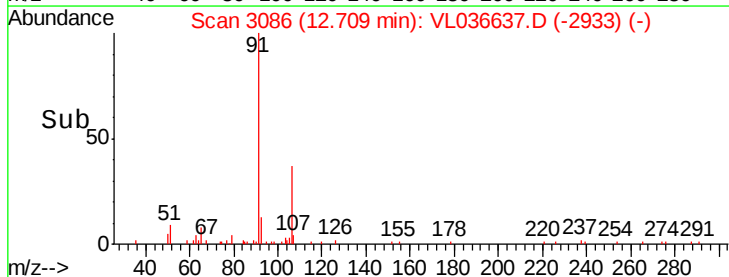
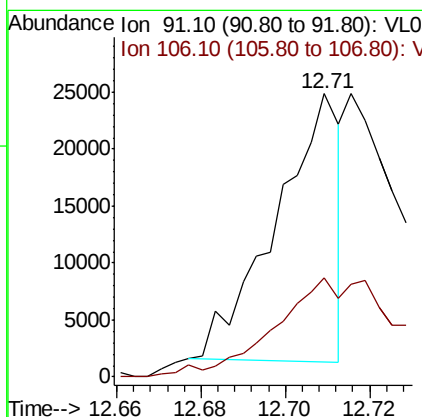
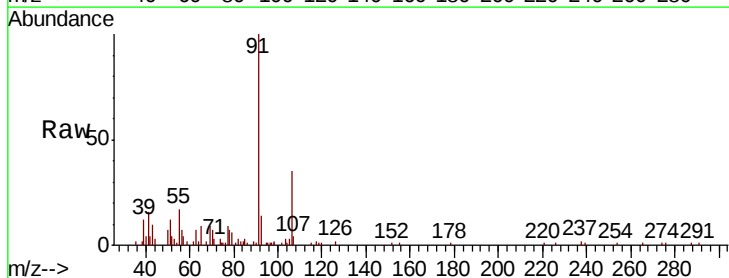
Instrument :
MSVOA_L
ClientSampleId :

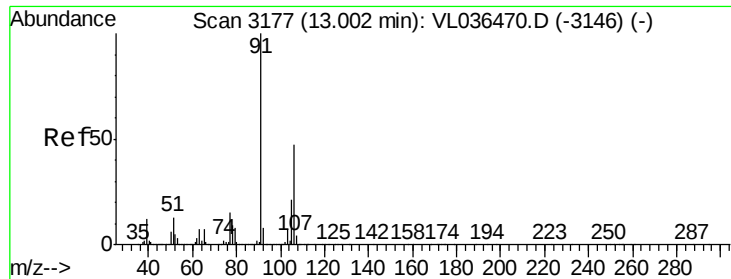
Tot Ion:117 Resp: 2872771
Ion Ratio Lower Upper
117 100
82 69.7 57.4 86.0
119 33.7 47.4 71.0#



#58
Ethyl Benzene
Concen: 0.059 ppbv
RT: 12.71 min Scan# 3086
Delta R.T. -0.01 min
Lab File: VL036637.D
Acq: 1 Apr 2021 20:43

Tgt Ion: 91 Resp: 24742
Ion Ratio Lower Upper
91 100
106 32.9 25.3 37.9





#59

m/p-Xylene

Concen: 0.428 ppbv

RT: 12.97 min Scan# 3167

Delta R.T. -0.03 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

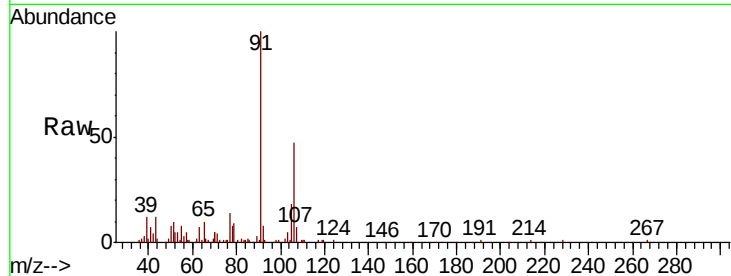
ClientSampleId :

Tot Ion: 91 Resp: 155888

Ion Ratio Lower Upper

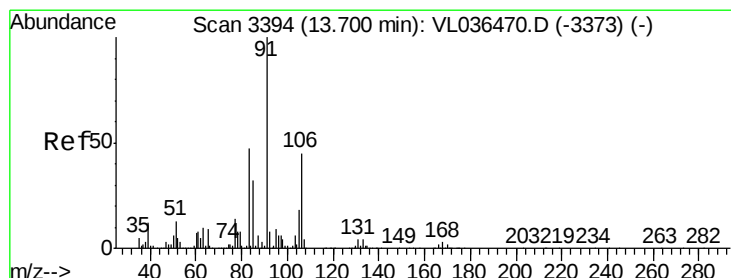
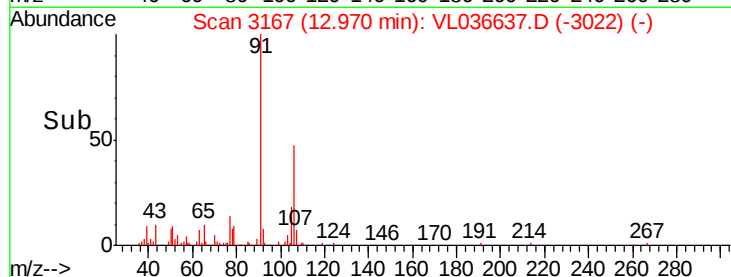
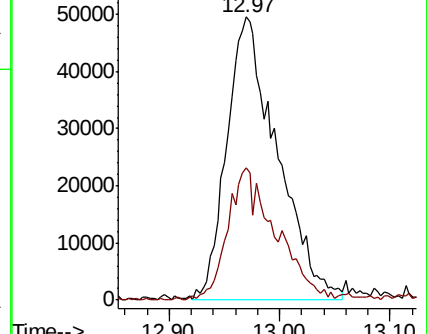
91 100

106 45.7 35.3 52.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.103 ppbv

RT: 13.70 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VL036637.D

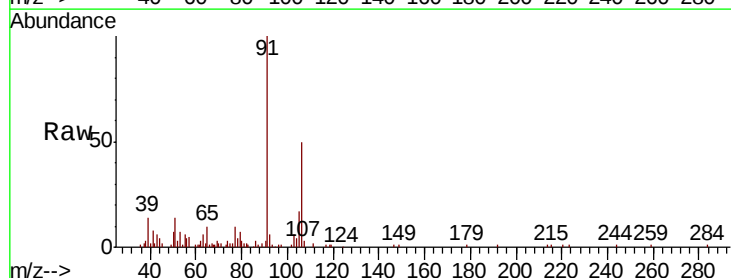
Acq: 1 Apr 2021 20:43

Tgt Ion: 91 Resp: 36431

Ion Ratio Lower Upper

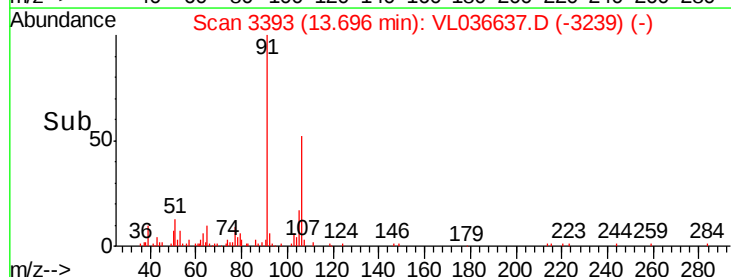
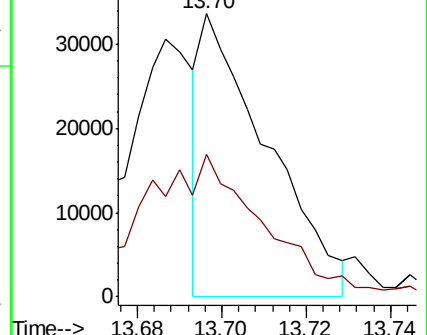
91 100

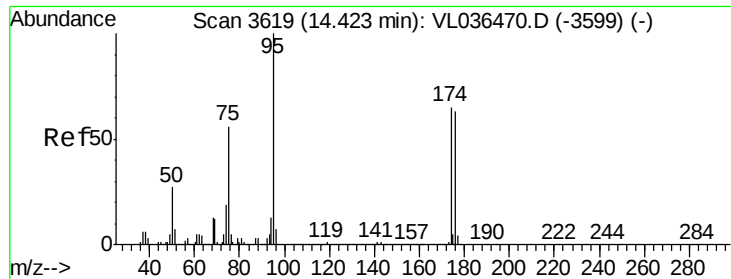
106 101.2 22.3 66.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.672 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

ClientSampled :

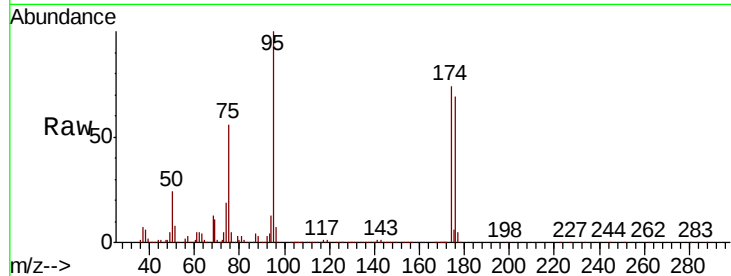
Tot Ion: 95 Resp: 2214466

Ion Ratio Lower Upper

95 100

174 76.0 51.0 76.6

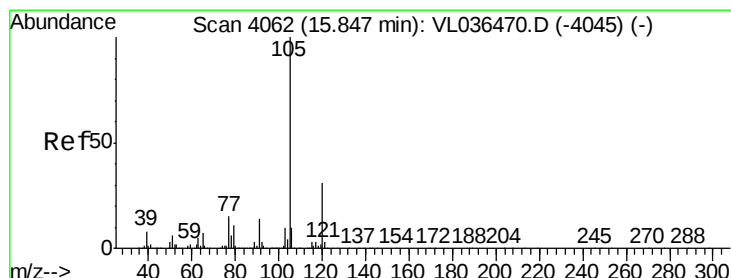
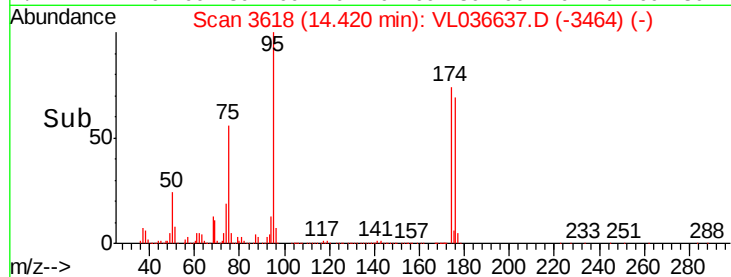
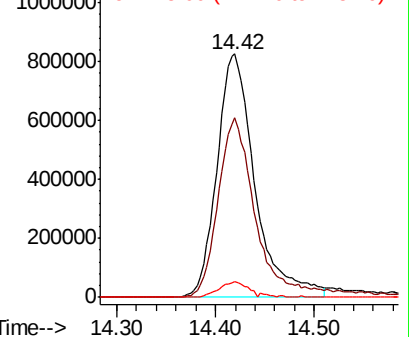
175 5.3 3.9 5.9



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



#72

4-Ethyltoluene

Concen: 0.044 ppbv

RT: 15.85 min Scan# 4062

Delta R.T. -0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Tgt Ion: 105 Resp: 17078

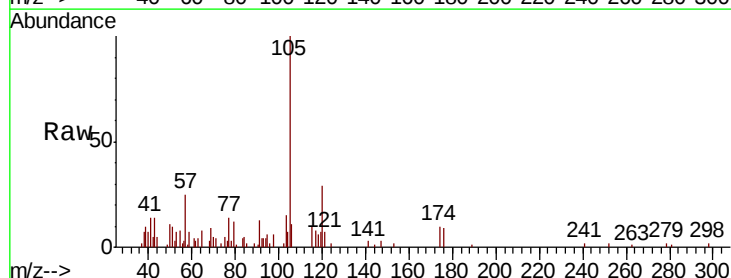
Ion Ratio Lower Upper

105 100

120 68.7 24.0 36.0#

91 31.4 11.0 16.4#

77 36.5 11.7 17.5#

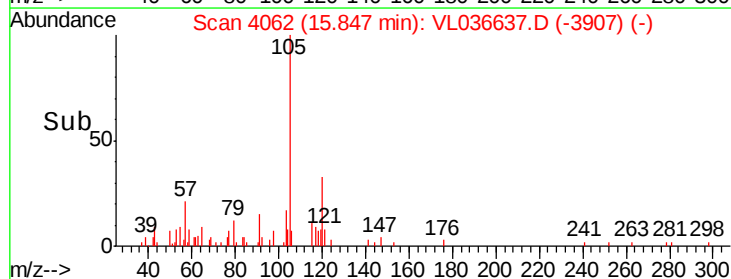
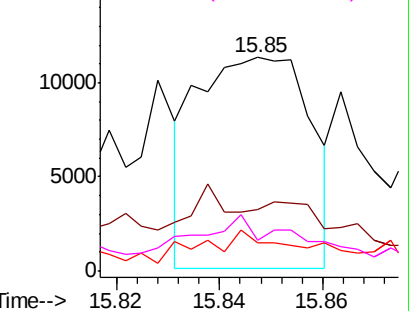


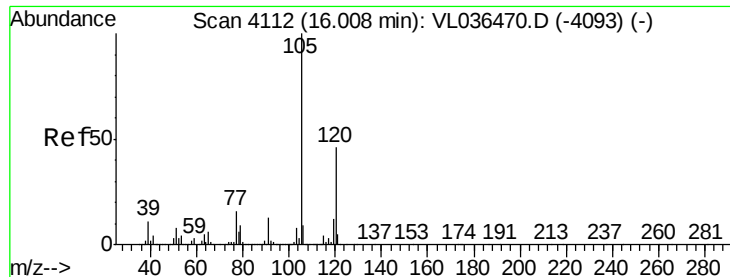
Abundance Ion 105.10 (104.80 to 105.80): V

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





#73

1,3,5-Trimethylbenzene

Concen: 0.044 ppbv

RT: 16.00 min Scan# 4110

Delta R.T. -0.01 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Instrument :

MSVOA_L

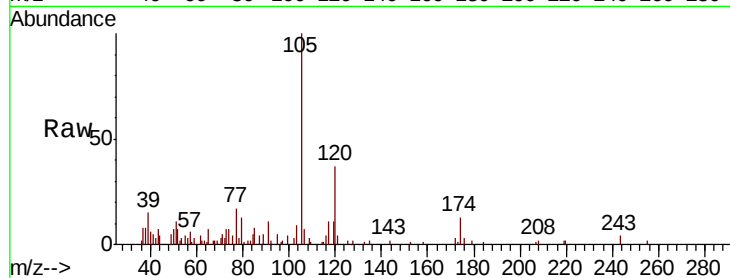
ClientSampleId :

Tot Ion:105 Resp: 15893

Ion Ratio Lower Upper

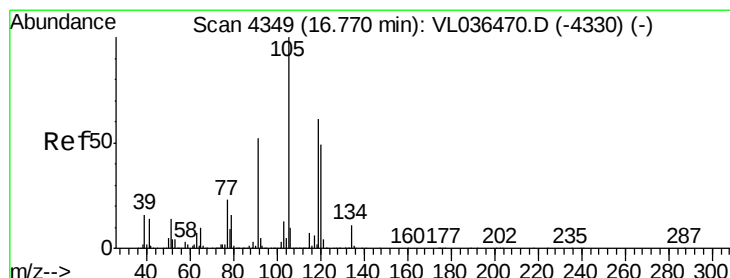
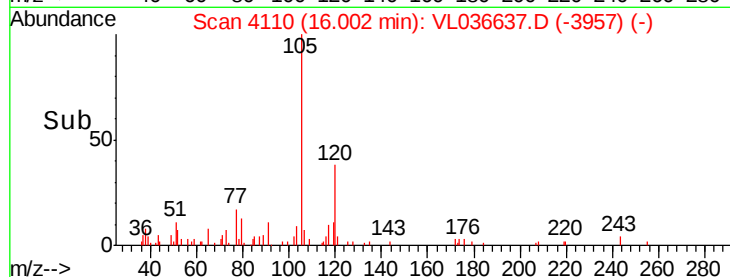
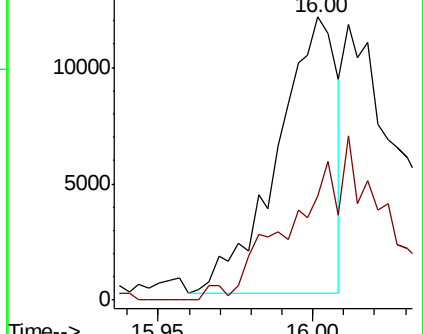
105 100

120 37.8 36.6 54.8



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 0.190 ppbv

RT: 16.77 min Scan# 4350

Delta R.T. 0.00 min

Lab File: VL036637.D

Acq: 1 Apr 2021 20:43

Tgt Ion:105 Resp: 73145

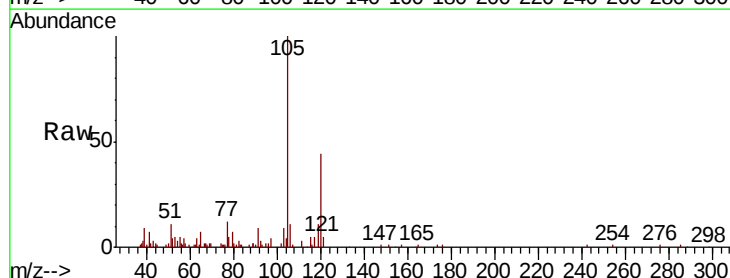
Ion Ratio Lower Upper

105 100

120 45.0 39.2 58.8

91 9.4 42.6 64.0#

77 8.9 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

