

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111220\
 Data File : VL035923.D
 Acq On : 12 Nov 2020 21:19
 Operator : SY/AP
 Sample : L4721-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LA-1

Quant Time: Nov 13 01:00:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1159588	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	4044762	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3711660	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2817599	10.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	53557	0.245	ppbv	99
3) Chlorodifluoromethane	2.98	51	96857	0.697	ppbv #	83
4) Chloromethane	3.13	50	37463	0.555	ppbv	93
9) Propene	3.01	41	74540	1.467	ppbv #	78
10) Heptane	8.12	43	10274	0.073	ppbv #	44
11) Trichlorofluoromethane	3.94	101	69243	0.253	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.47	101	10284	0.050	ppbv #	61
13) Ethanol	3.63	45	16815351	1525.006	ppbv	97
15) Acetone	3.84	43	1599400	12.901	ppbv	96
16) 1,3-Butadiene	3.29	39	15264	0.286	ppbv #	1
17) tert-Butyl alcohol	4.01	59	293918	1.789	ppbv	98
19) Isopropyl Alcohol	4.01	45	6262070	82.197	ppbv #	98
20) Methylene Chloride	4.34	84	993986	11.390	ppbv	98
21) Allyl Chloride	4.33	41	42042	0.627	ppbv #	28
23) Vinyl Acetate	5.05	43	49889	0.287	ppbv #	51
25) Ethyl Acetate	5.68	43	465853	1.907	ppbv #	75
26) Hexane	5.68	57	747416	5.549	ppbv #	47
27) Carbon Disulfide	4.54	76	8788	0.044	ppbv #	31
29) Chloroform	5.74	83	25690	0.097	ppbv	94
30) Cyclohexane	7.12	84	6820	0.046	ppbv #	6
34) 2-Butanone	5.24	43	73284	0.558	ppbv	95
35) Carbon Tetrachloride	7.01	117	12729	0.059	ppbv	94
36) Benzene	6.88	78	107283	0.357	ppbv	96
38) Trichloroethene	7.83	130	5879	0.040	ppbv #	71
39) 1,2-Dichloropropane	7.17	63	835583	8.254	ppbv #	31
41) Tetrahydrofuran	6.30	42	2459	0.033	ppbv #	24
44) 2,2,4-Trimethylpentane	7.87	57	50963	0.128	ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	21402	0.107	ppbv #	31
51) 2-Hexanone	10.14	43	23578	0.146	ppbv #	95
53) Toluene	9.80	91	1796065	4.950	ppbv	97
58) Ethyl Benzene	12.71	91	22077	0.049	ppbv	95
59) m/p-Xylene	12.97	91	127698	0.334	ppbv	100
60) o-Xylene	13.69	91	55944	0.150	ppbv	100
74) 1,2,4-Trimethylbenzene	16.77	105	38199	0.086	ppbv #	67

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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LA-1

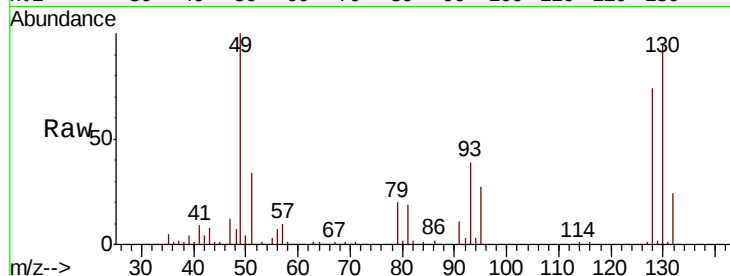
Tot Ion: 49 Resp: 1159588

Ion Ratio Lower Upper

49 100

128 75.9 41.5 124.6

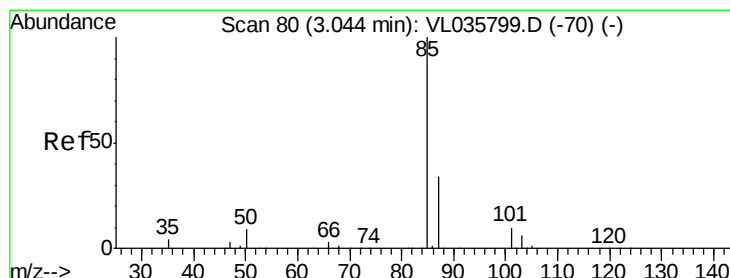
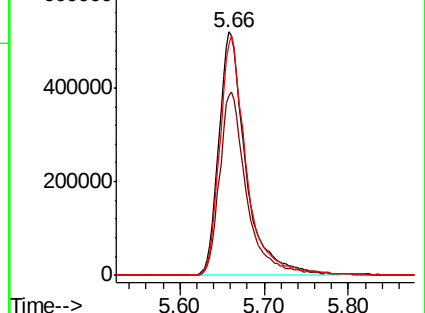
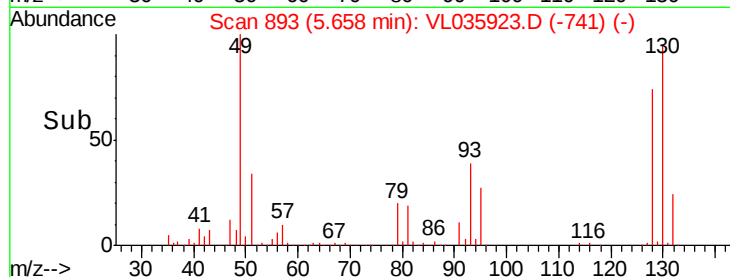
130 97.2 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.245 ppbv

RT: 3.04 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL035923.D

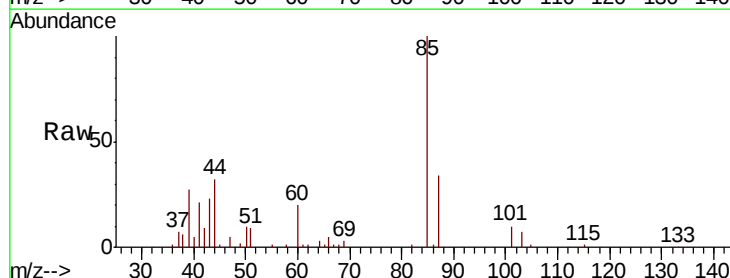
Acq: 12 Nov 2020 21:19

Tgt Ion: 85 Resp: 53557

Ion Ratio Lower Upper

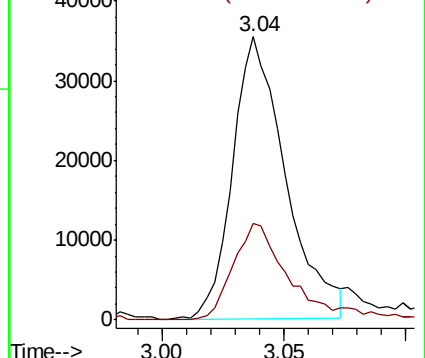
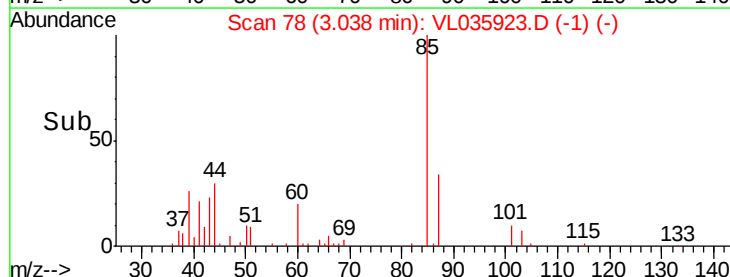
85 100

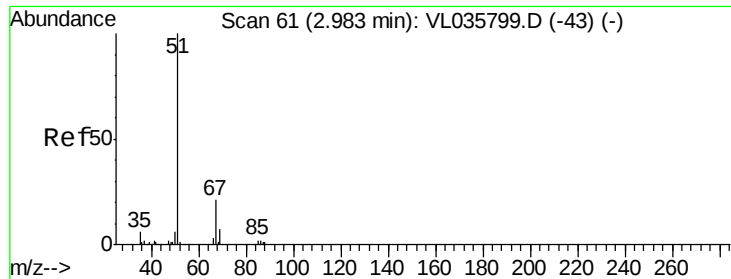
87 34.4 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

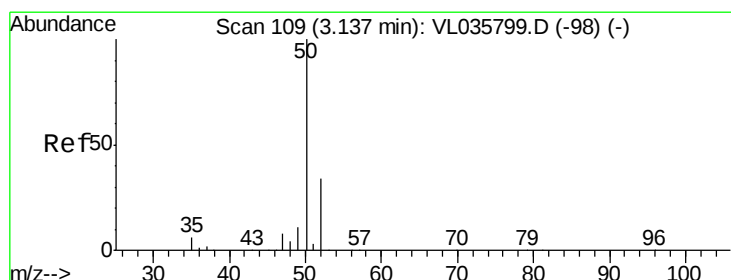
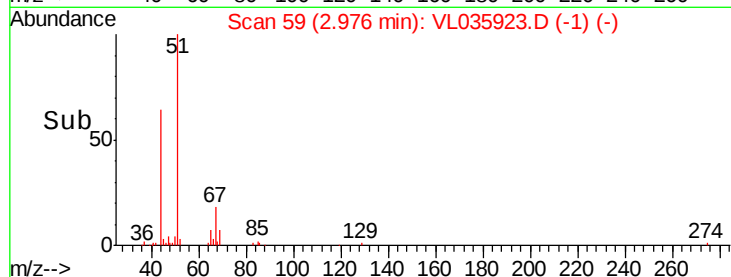
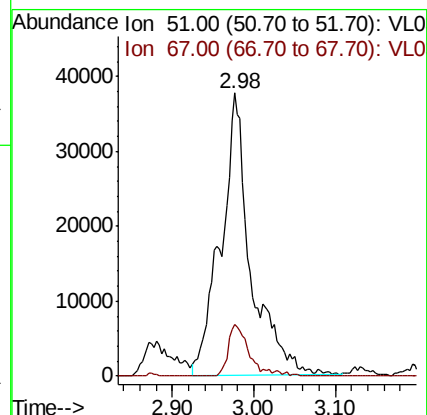
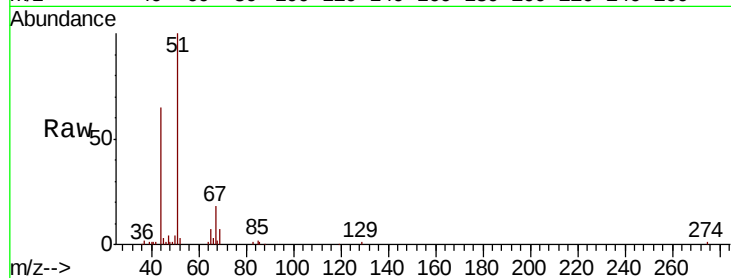




#3
 Chlorodifluoromethane
 Concen: 0.697 ppbv
 RT: 2.98 min Scan# 59
 Delta R.T. -0.01 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

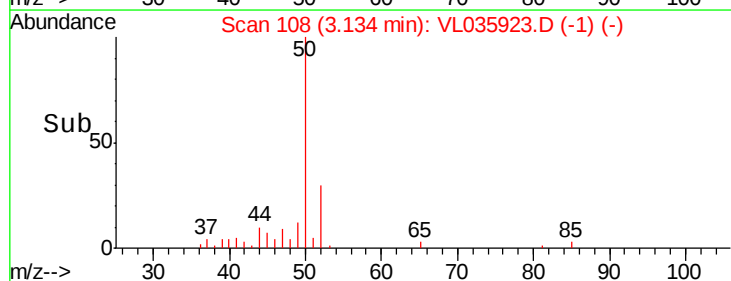
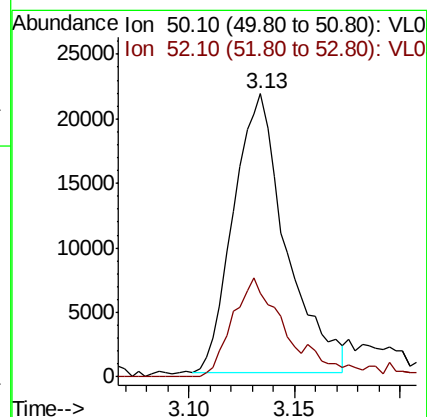
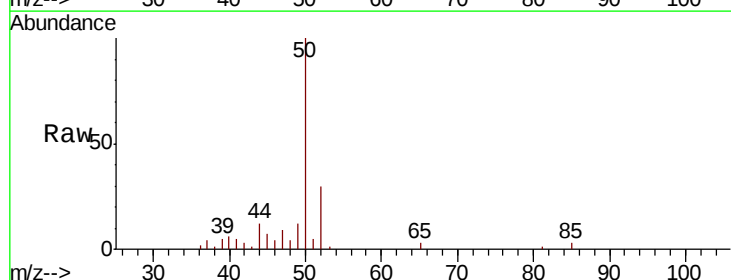
Instrument :
 MSVOA_L
 ClientSampleId :
 LA-1

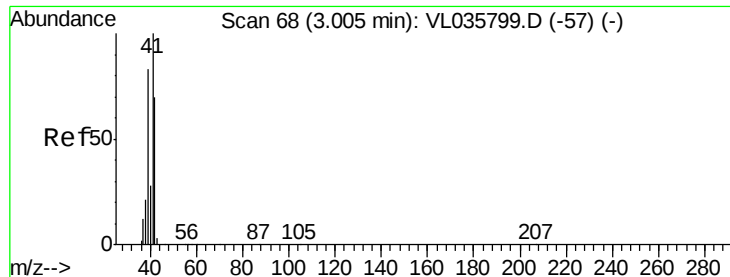
Tot Ion: 51 Resp: 96857
 Ion Ratio Lower Upper
 51 100
 67 13.2 17.0 25.4#



#4
 Chloromethane
 Concen: 0.555 ppbv
 RT: 3.13 min Scan# 108
 Delta R.T. -0.00 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

Tgt Ion: 50 Resp: 37463
 Ion Ratio Lower Upper
 50 100
 52 30.1 27.1 40.7





#9

Propene

Concen: 1.467 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

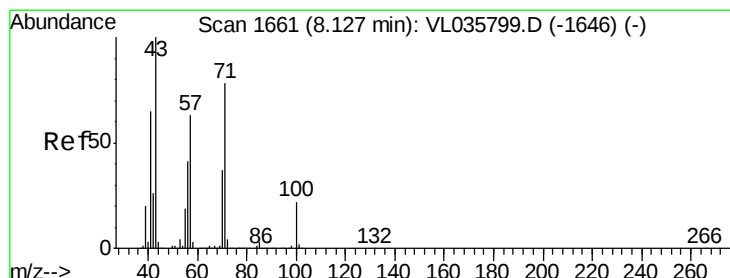
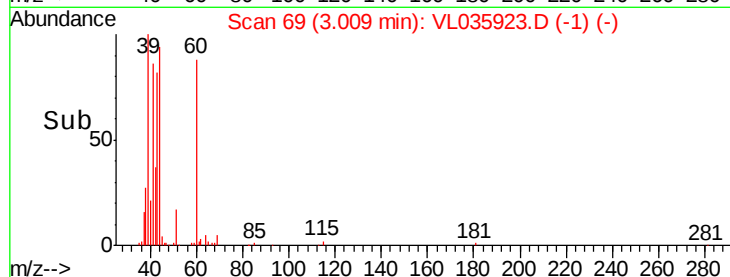
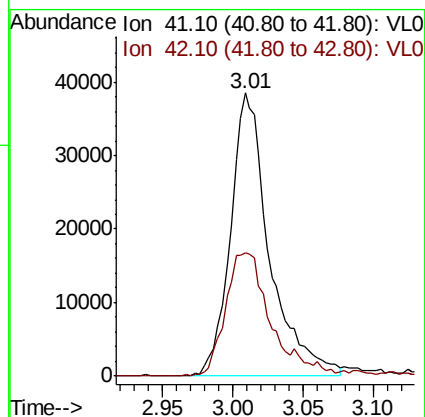
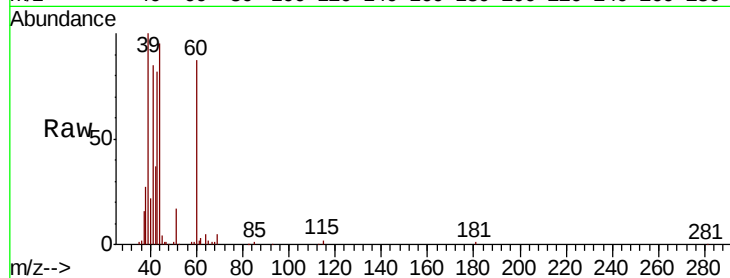
LA-1

Tot Ion: 41 Resp: 74540

Ion Ratio Lower Upper

41 100

42 52.2 56.2 84.4#



#10

Heptane

Concen: 0.073 ppbv

RT: 8.12 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VL035923.D

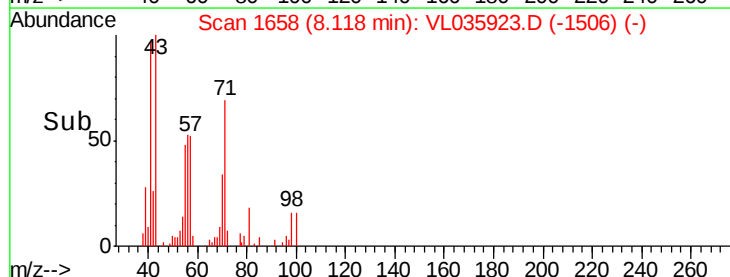
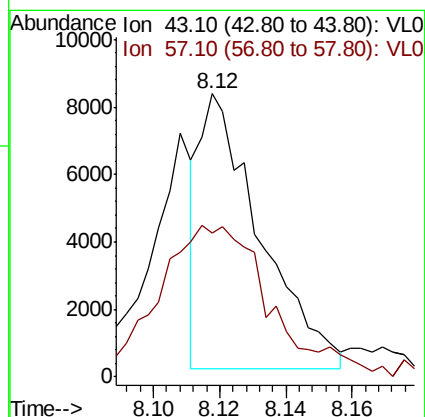
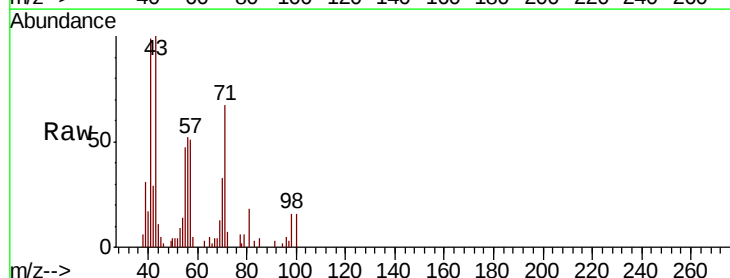
Acq: 12 Nov 2020 21:19

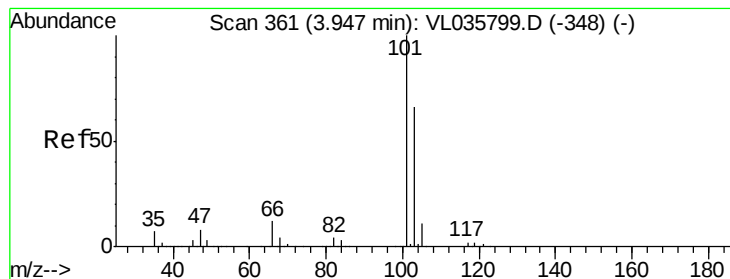
Tgt Ion: 43 Resp: 10274

Ion Ratio Lower Upper

43 100

57 105.9 50.0 75.0#





#11

Trichlorofluoromethane

Concen: 0.253 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

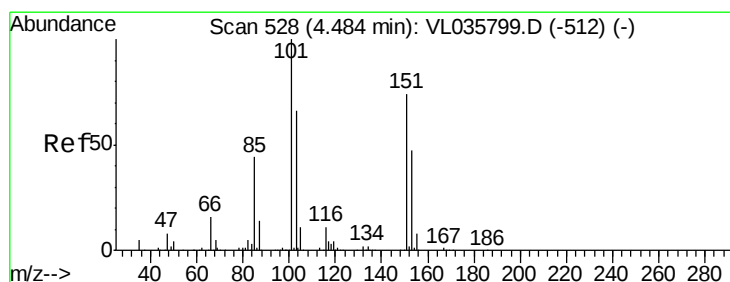
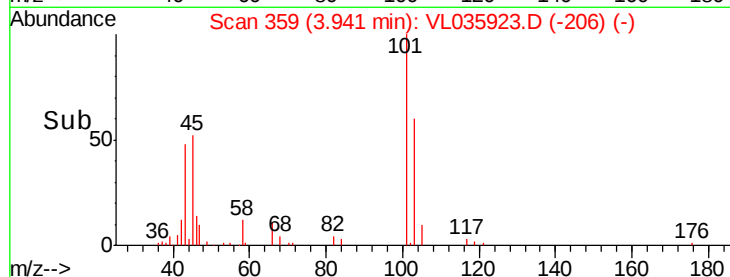
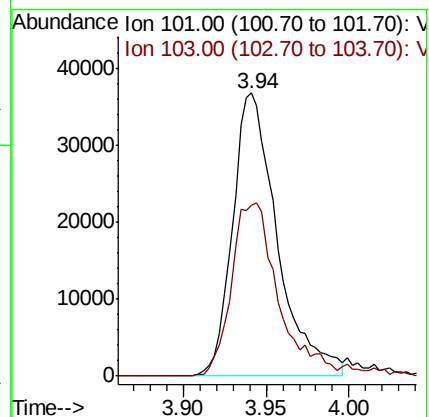
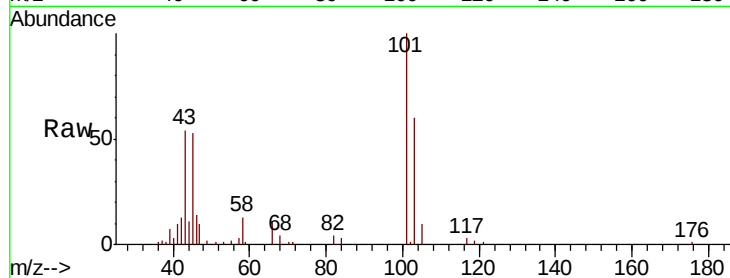
LA-1

Tot Ion:101 Resp: 69243

Ion Ratio Lower Upper

101 100

103 60.4 53.0 79.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.050 ppbv

RT: 4.47 min Scan# 525

Delta R.T. -0.01 min

Lab File: VL035923.D

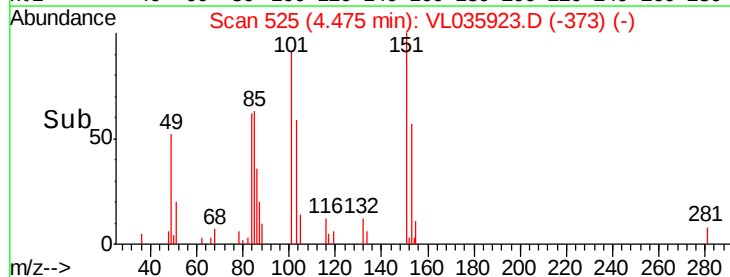
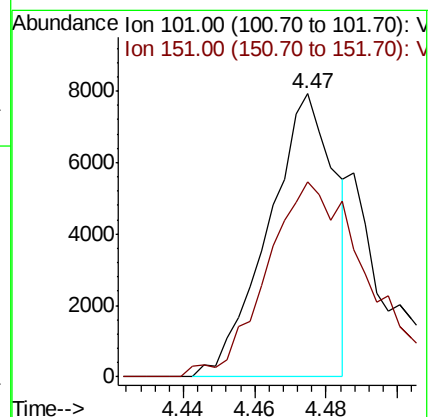
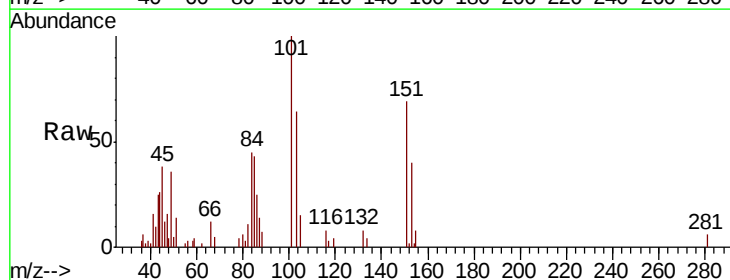
Acq: 12 Nov 2020 21:19

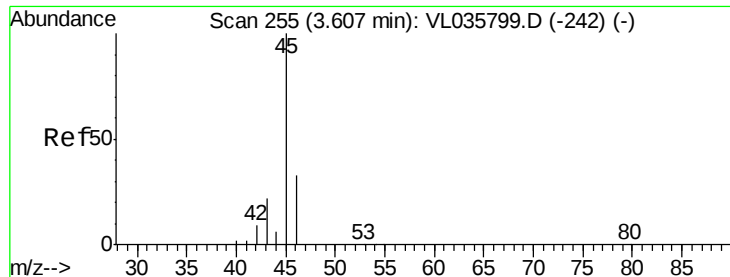
Tgt Ion:101 Resp: 10284

Ion Ratio Lower Upper

101 100

151 106.5 58.9 88.3#

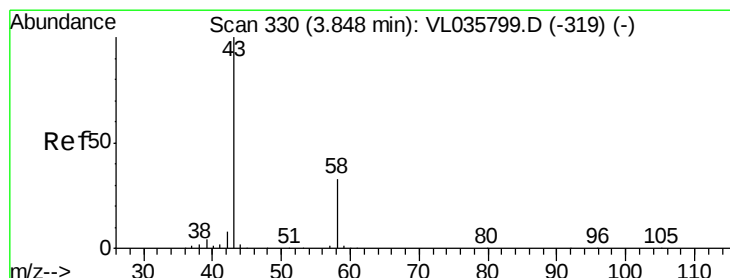
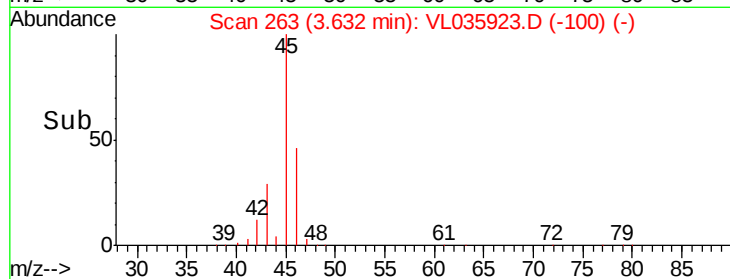
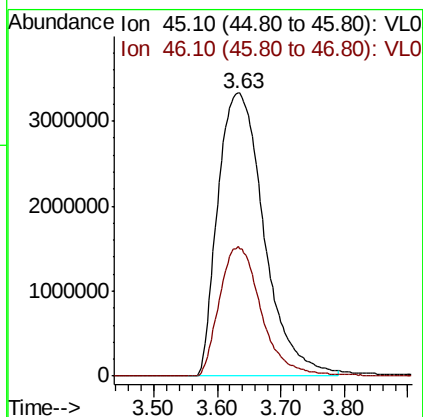
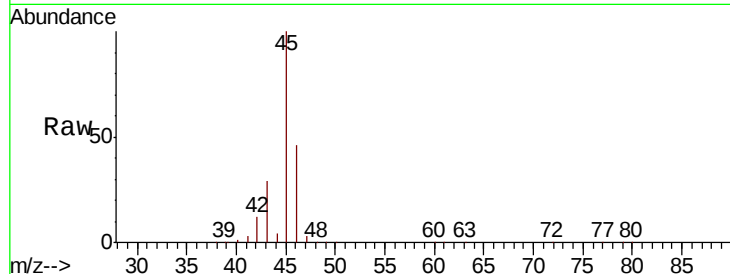




#13
Ethanol
Concen: 1525.006 ppbv
RT: 3.63 min Scan# 263
Delta R.T. 0.03 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

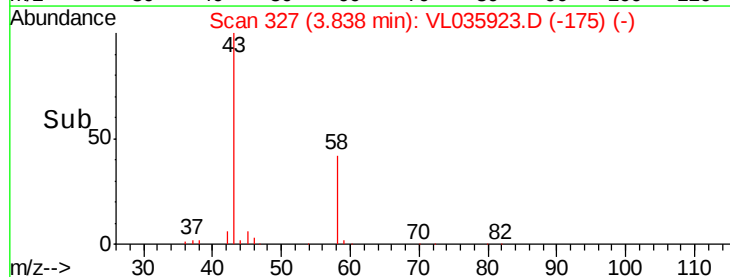
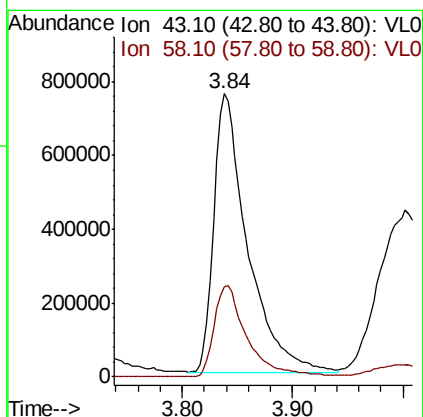
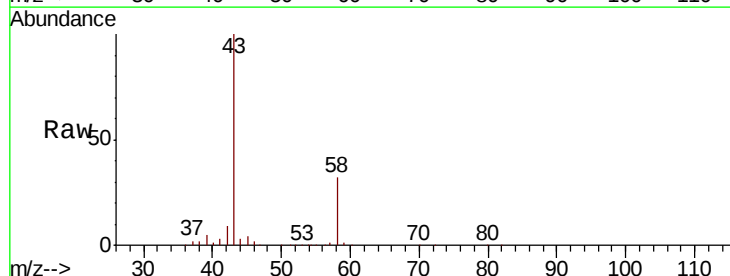
Instrument :
MSVOA_L
ClientSampleId :
LA-1

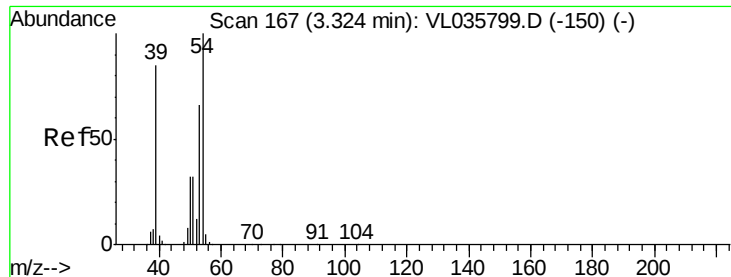
Tot Ion: 45 Resp:16815351
Ion Ratio Lower Upper
45 100
46 41.9 16.1 64.5



#15
Acetone
Concen: 12.901 ppbv
RT: 3.84 min Scan# 327
Delta R.T. -0.01 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 43 Resp: 1599400
Ion Ratio Lower Upper
43 100
58 32.0 27.5 41.3





#16

1,3-Butadiene

Concen: 0.286 ppbv

RT: 3.29 min Scan# 158

Delta R.T. -0.03 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

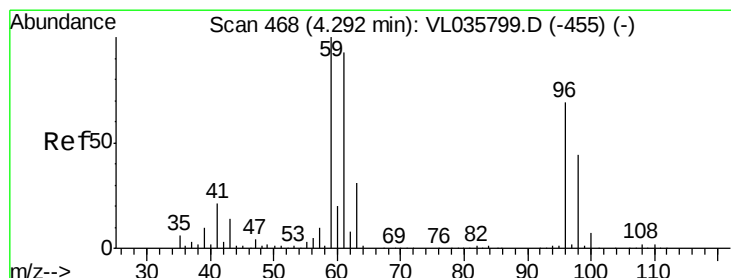
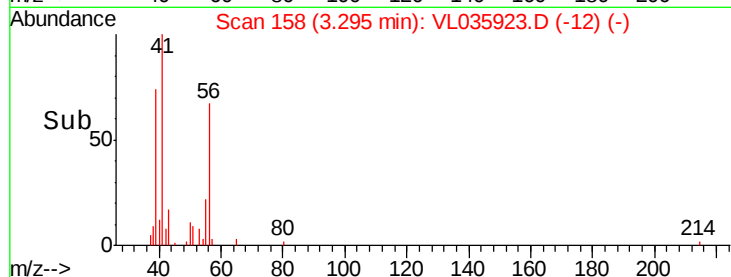
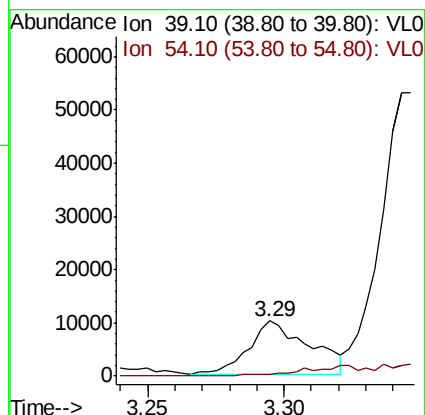
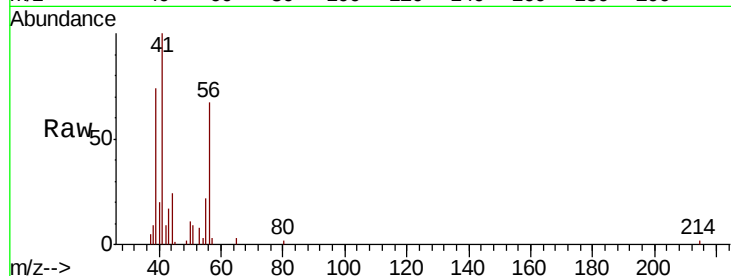
LA-1

Tot Ion: 39 Resp: 15264

Ion Ratio Lower Upper

39 100

54 0.0 87.1 130.7#



#17

tert-Butyl alcohol

Concen: 1.789 ppbv

RT: 4.01 min Scan# 379

Delta R.T. -0.29 min

Lab File: VL035923.D

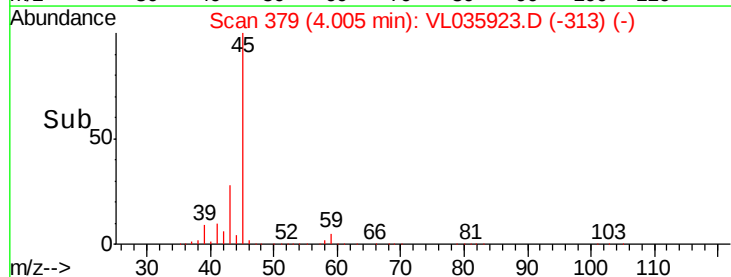
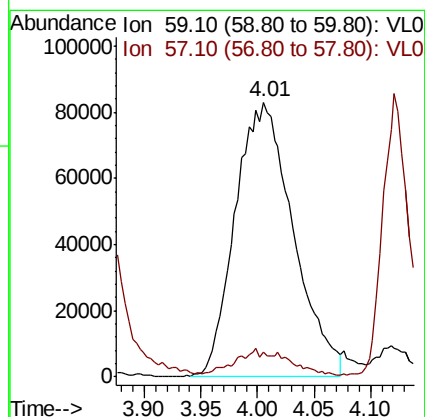
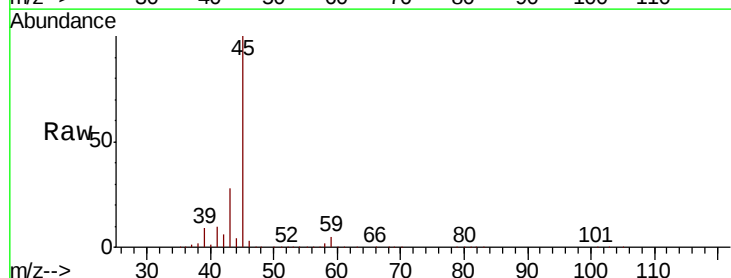
Acq: 12 Nov 2020 21:19

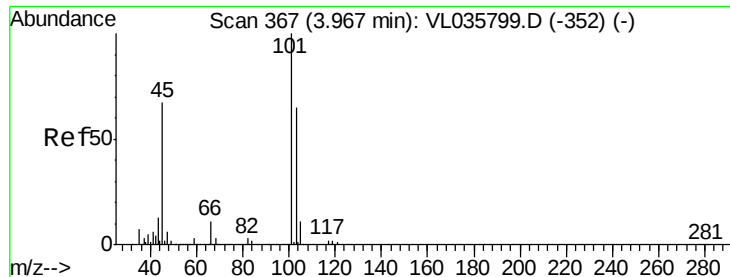
Tgt Ion: 59 Resp: 293918

Ion Ratio Lower Upper

59 100

57 9.6 8.2 12.4





#19

Isopropyl Alcohol

Concen: 82.197 ppbv

RT: 4.01 min Scan# 379

Delta R.T. 0.04 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

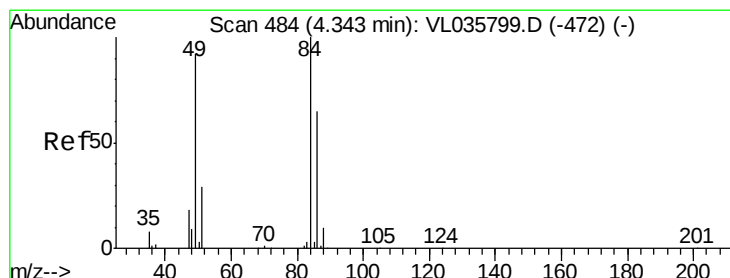
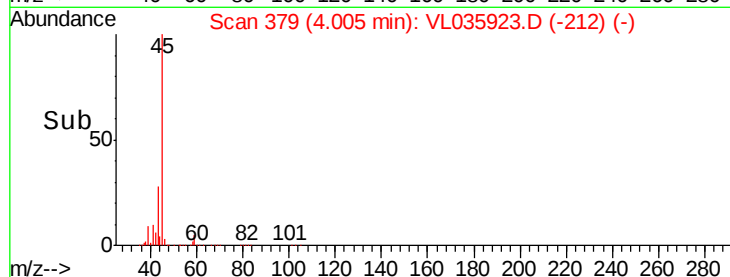
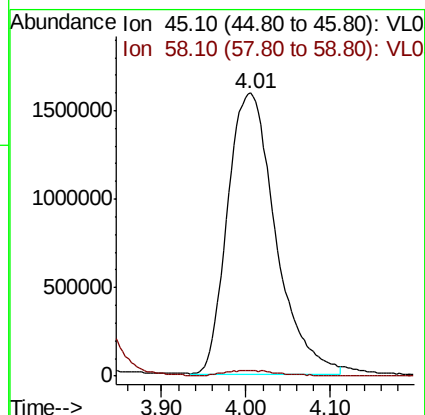
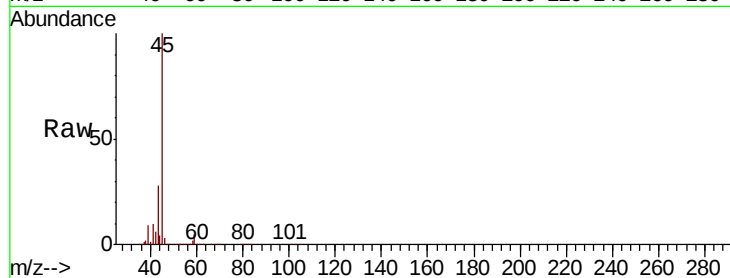
LA-1

Tot Ion: 45 Resp: 6262070

Ion Ratio Lower Upper

45 100

58 2.4 2.6 3.8#



#20

Methylene Chloride

Concen: 11.390 ppbv

RT: 4.34 min Scan# 482

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Tgt Ion: 84 Resp: 993986

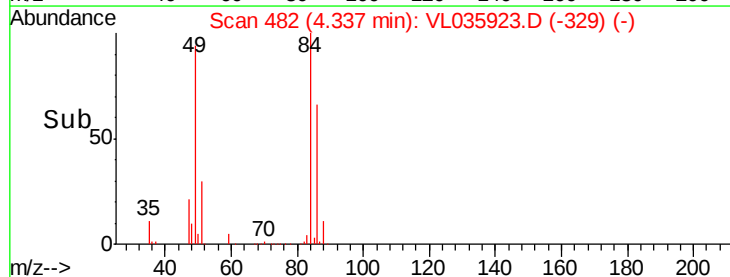
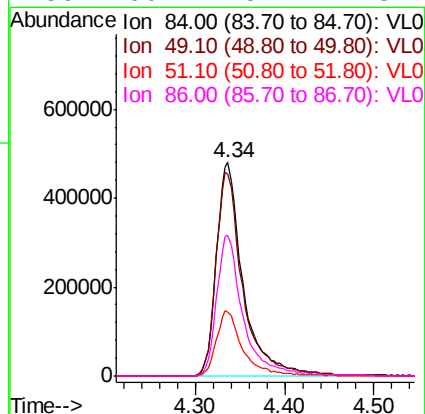
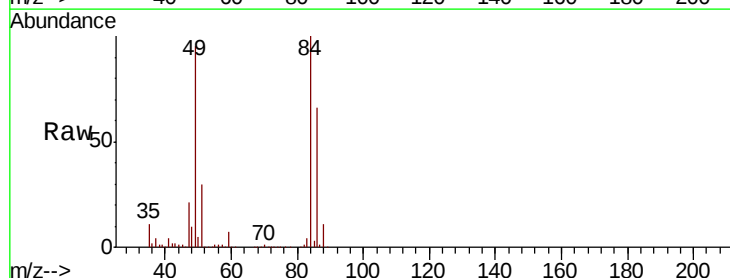
Ion Ratio Lower Upper

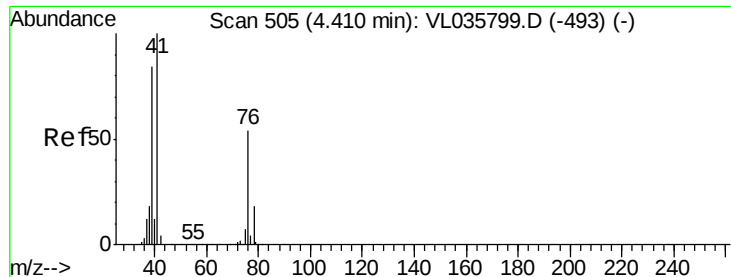
84 100

49 94.3 73.8 110.8

51 29.8 23.0 34.4

86 66.2 52.1 78.1

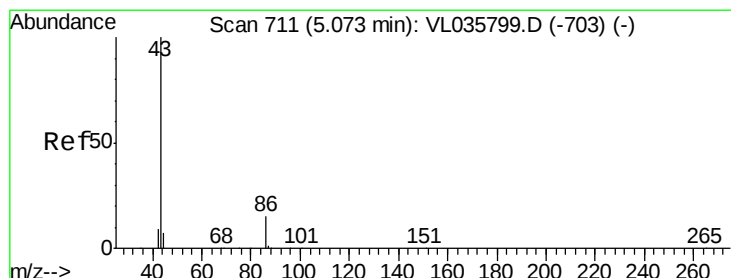
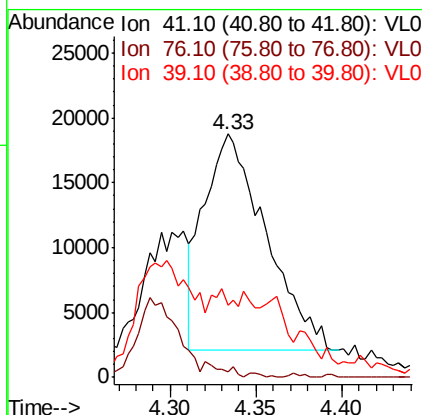
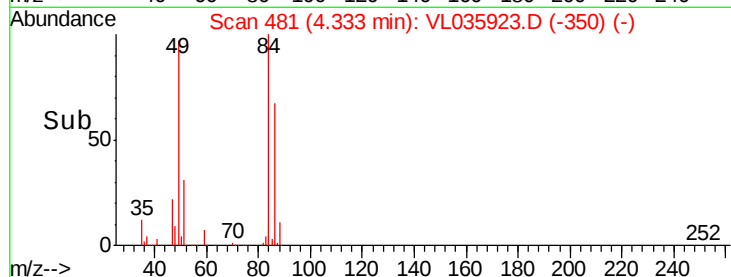
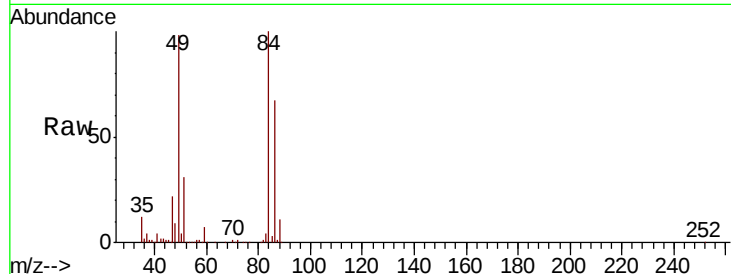




#21
Allvl Chloride
Concen: 0.627 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.08 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

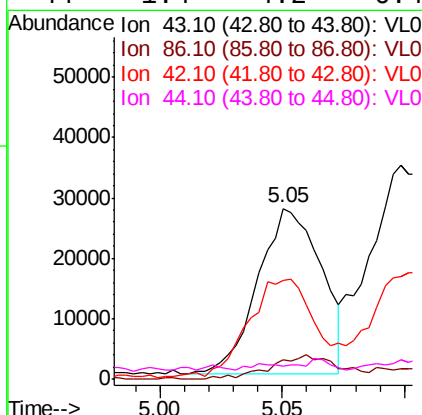
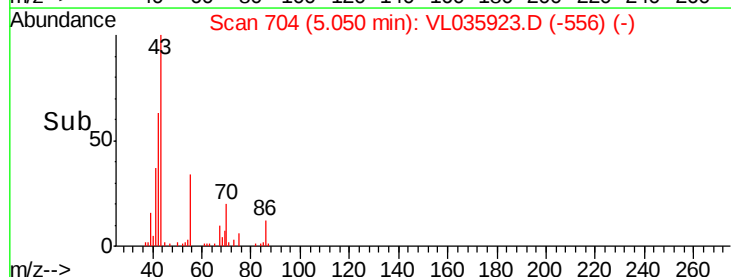
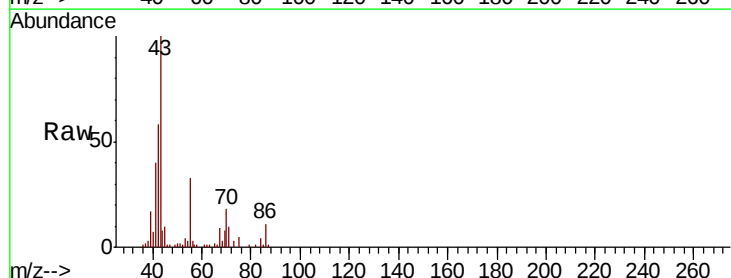
Instrument :
MSVOA_L
ClientSampled :
LA-1

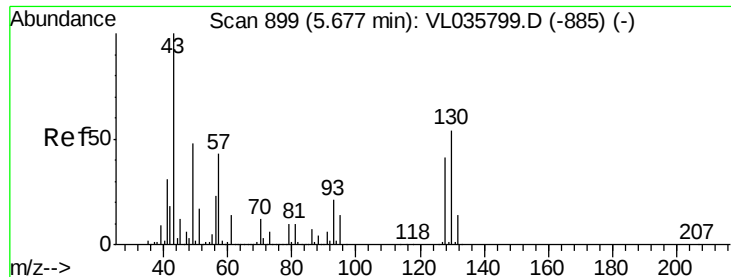
Tot Ion: 41 Resp: 42042
Ion Ratio Lower Upper
41 100
76 25.1 42.6 63.8#
39 0.0 67.0 100.4#



#23
Vinyl Acetate
Concen: 0.287 ppbv
RT: 5.05 min Scan# 704
Delta R.T. -0.02 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 43 Resp: 49889
Ion Ratio Lower Upper
43 100
86 11.3 9.8 14.6
42 56.7 8.1 12.1#
44 1.4 4.2 6.4#





#25

Ethyl Acetate

Concen: 1.907 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.00 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

LA-1

Tot Ion: 43 Resp: 465853

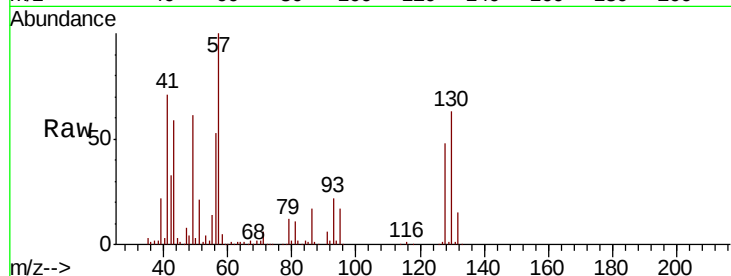
Ion Ratio Lower Upper

43 100

45 1.8 8.5 12.7#

61 1.4 10.7 16.1#

70 2.9 8.6 12.8#

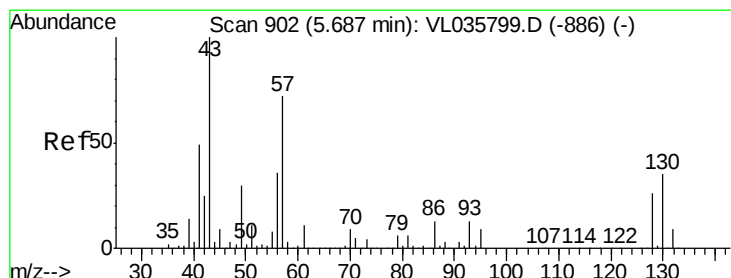
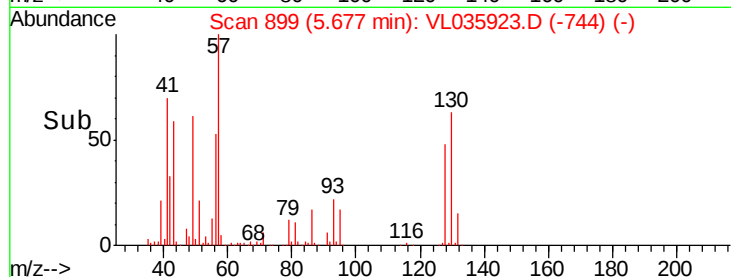
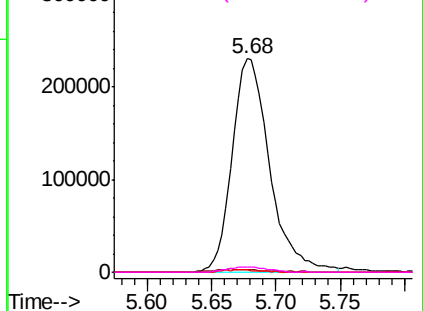


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 5.549 ppbv

RT: 5.68 min Scan# 899

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Tgt Ion: 57 Resp: 747416

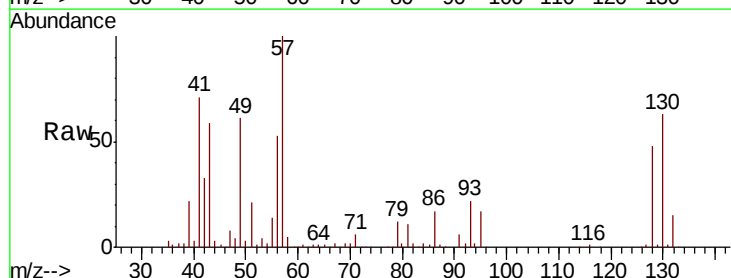
Ion Ratio Lower Upper

57 100

41 77.3 58.9 88.3

43 63.3 150.2 225.2#

56 56.7 42.4 63.6

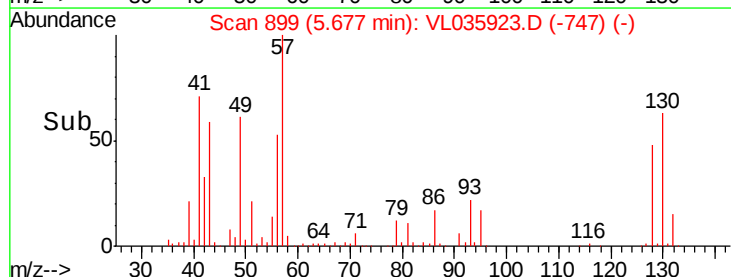
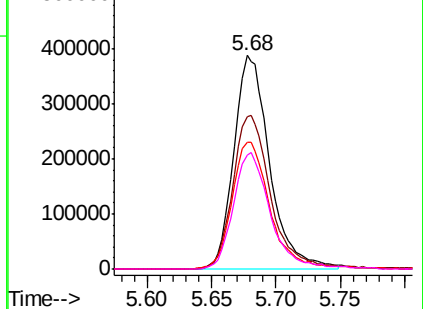


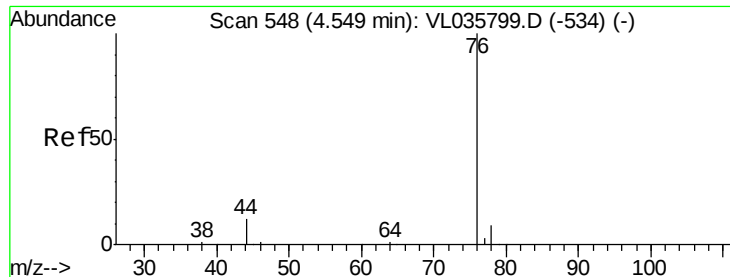
Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 56.10 (55.80 to 56.80): VL0





#27

Carbon Disulfide

Concen: 0.044 ppbv

RT: 4.54 min Scan# 546

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

LA-1

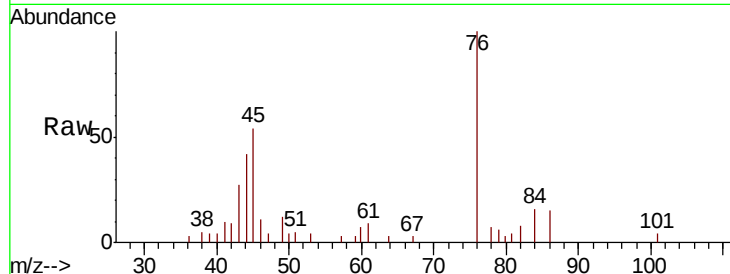
Tot Ion: 76 Resp: 8788

Ion Ratio Lower Upper

76 100

44 59.7 9.9 14.9#

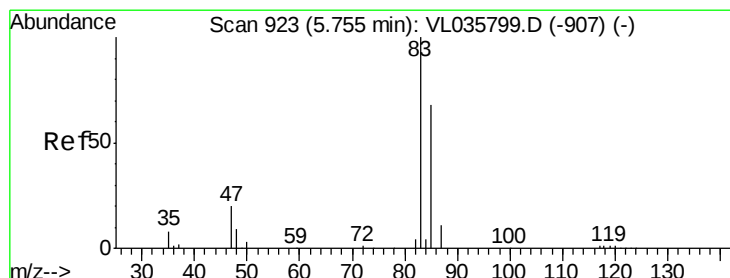
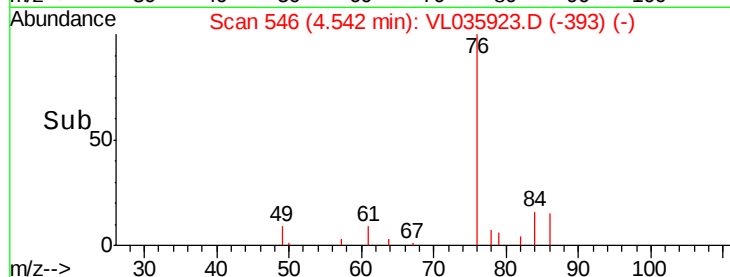
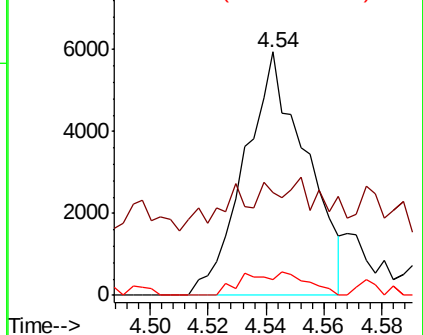
78 12.1 8.1 12.1



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.097 ppbv

RT: 5.74 min Scan# 919

Delta R.T. -0.01 min

Lab File: VL035923.D

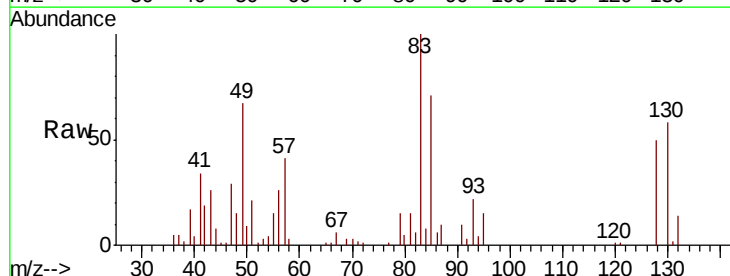
Acq: 12 Nov 2020 21:19

Tgt Ion: 83 Resp: 25690

Ion Ratio Lower Upper

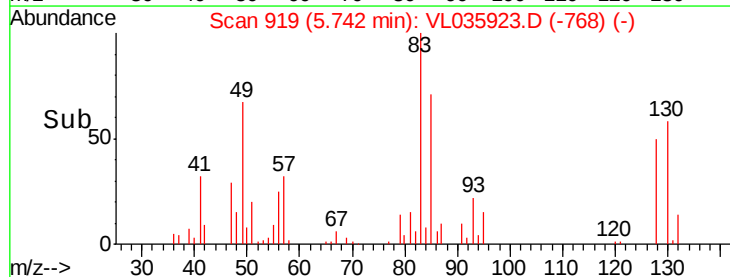
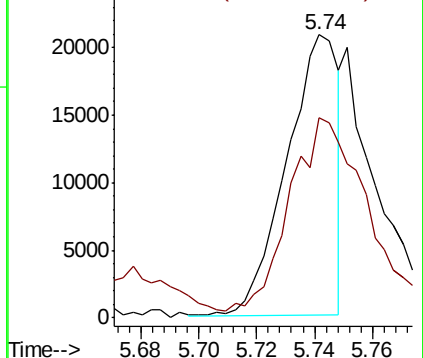
83 100

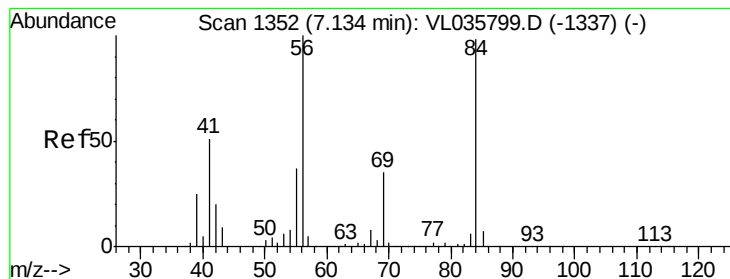
85 63.7 54.6 81.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0





#30

Cvclohexane

Concen: 0.046 ppbv

RT: 7.12 min Scan# 1348

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

LA-1

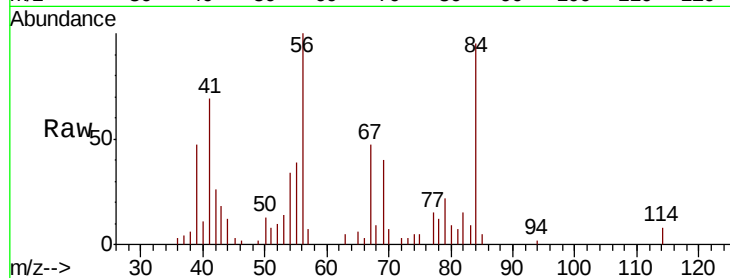
Tot Ion: 84 Resp: 6820

Ion Ratio Lower Upper

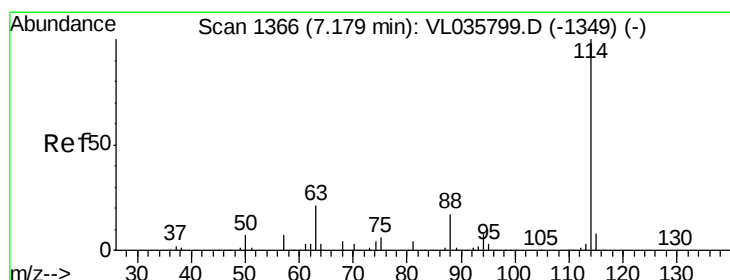
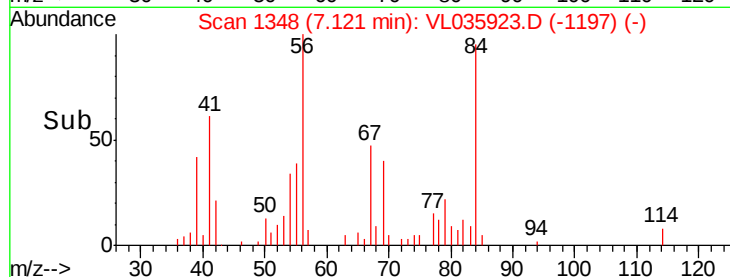
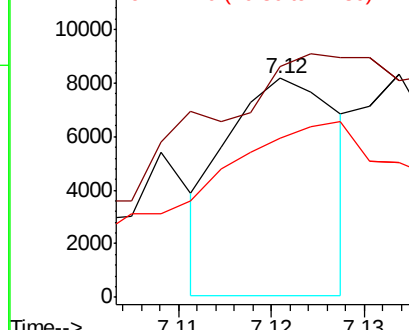
84 100

56 0.0 86.4 129.6#

41 0.0 42.1 63.1#



Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

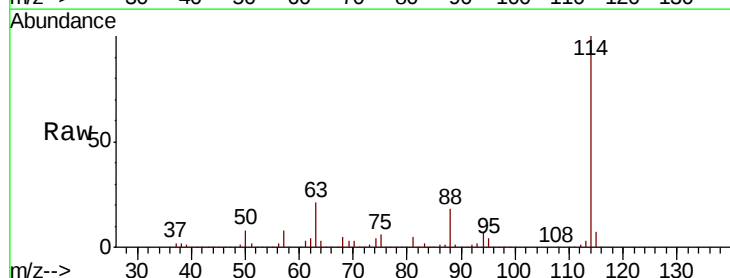
Tgt Ion: 114 Resp: 4044762

Ion Ratio Lower Upper

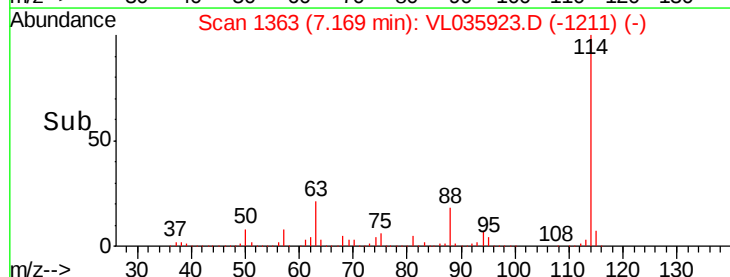
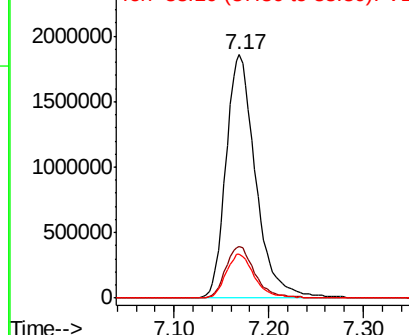
114 100

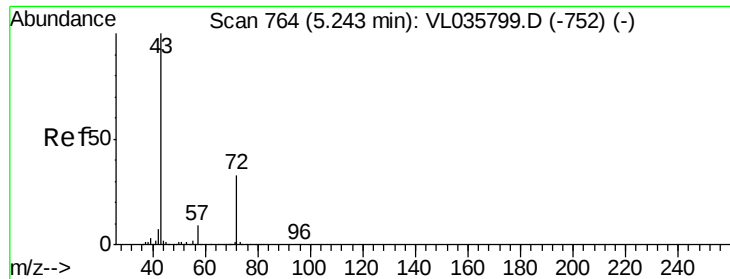
63 20.9 16.1 24.1

88 17.6 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

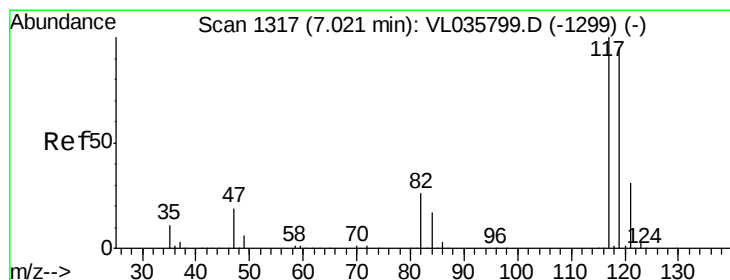
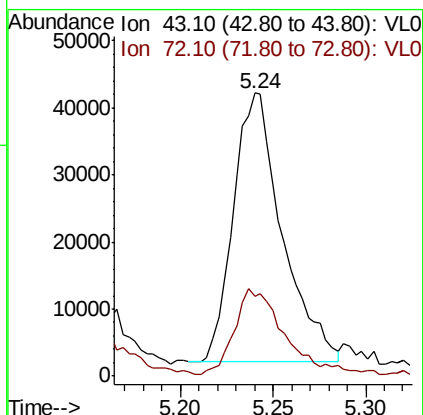
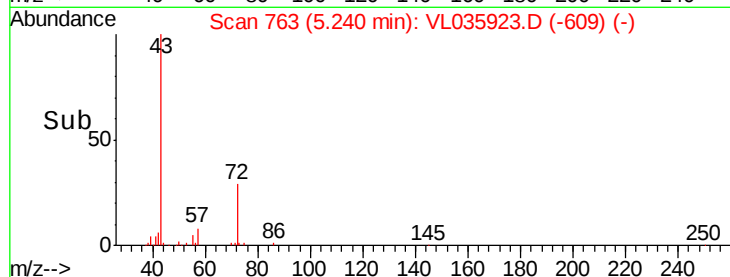
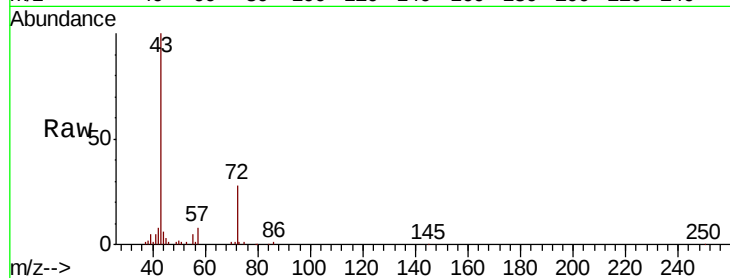




#34
2-Butanone
Concen: 0.558 ppbv
RT: 5.24 min Scan# 763
Delta R.T. -0.00 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

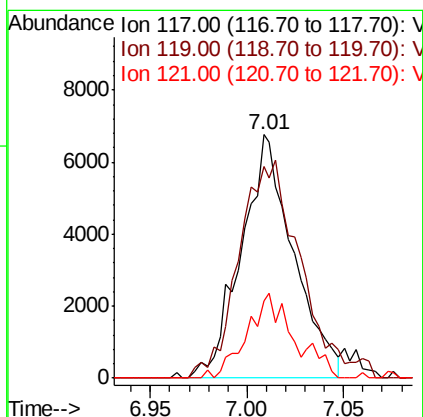
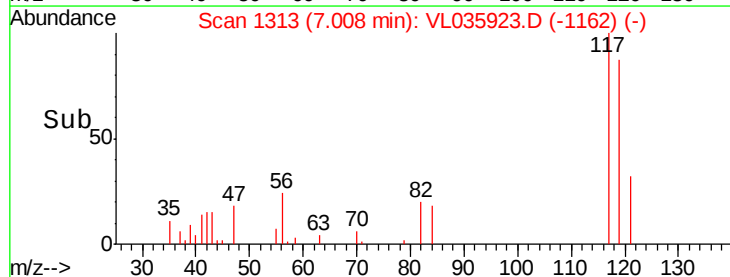
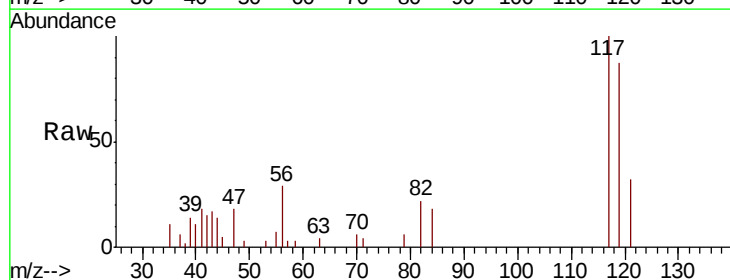
Instrument :
MSVOA_L
ClientSampleId :
LA-1

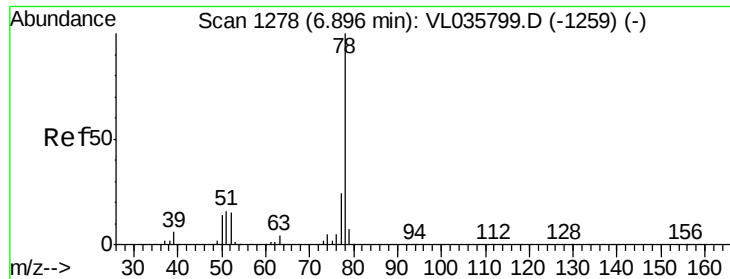
Tot Ion: 43 Resp: 73284
Ion Ratio Lower Upper
43 100
72 36.2 26.5 39.7



#35
Carbon Tetrachloride
Concen: 0.059 ppbv
RT: 7.01 min Scan# 1313
Delta R.T. -0.01 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 117 Resp: 12729
Ion Ratio Lower Upper
117 100
119 87.0 75.6 113.4
121 31.7 25.1 37.7





#36

Benzene

Concen: 0.357 ppbv

RT: 6.88 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

LA-1

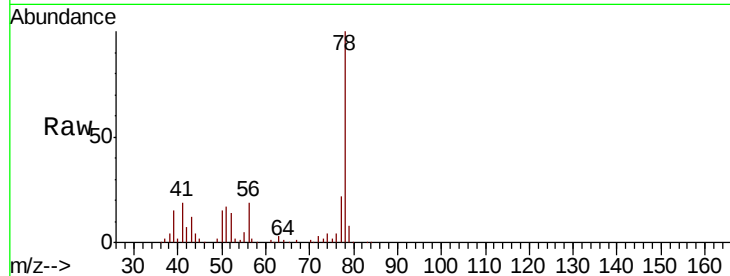
Tot Ion: 78 Resp: 107283

Ion Ratio Lower Upper

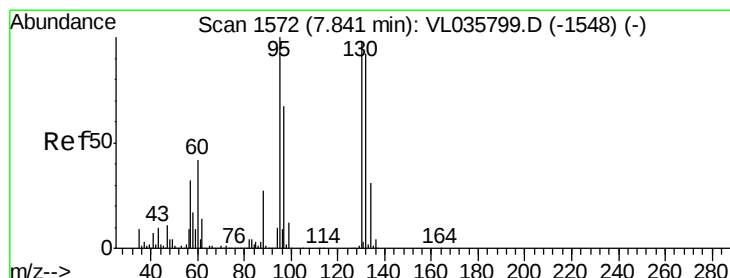
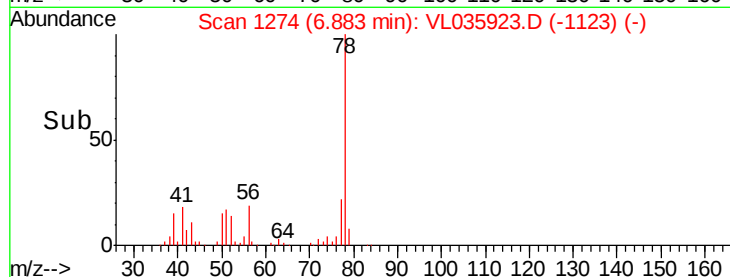
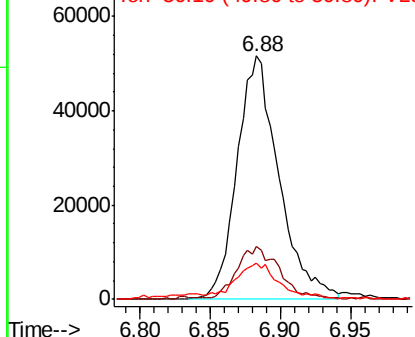
78 100

77 21.3 19.3 28.9

50 14.7 11.4 17.2



Abundance Ion 78.10 (77.80 to 78.80): VL0
Ion 77.10 (76.80 to 77.80): VL0
Ion 50.10 (49.80 to 50.80): VL0



#38

Trichloroethene

Concen: 0.040 ppbv

RT: 7.83 min Scan# 1568

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Tgt Ion:130 Resp: 5879

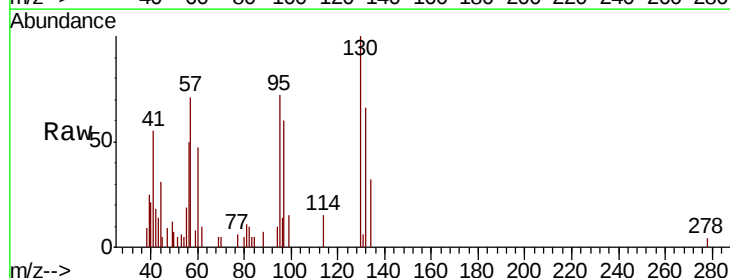
Ion Ratio Lower Upper

130 100

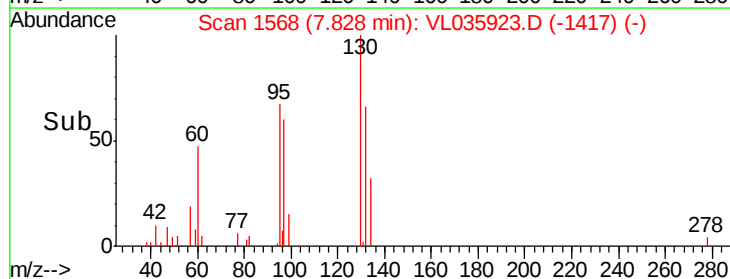
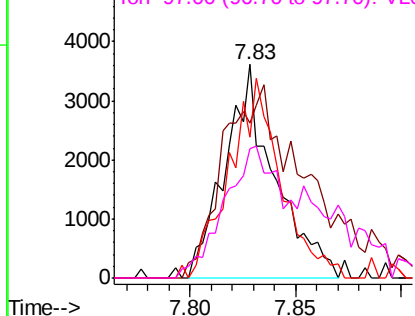
95 65.1 81.6 122.4#

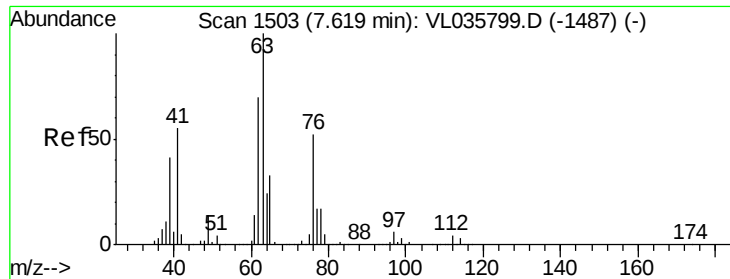
132 65.7 75.1 112.7#

97 55.0 54.6 81.8



Abundance Ion 130.00 (129.70 to 130.70): V
Ion 95.00 (94.70 to 95.70): VL0
Ion 132.00 (131.70 to 132.70): V
Ion 97.00 (96.70 to 97.70): VL0

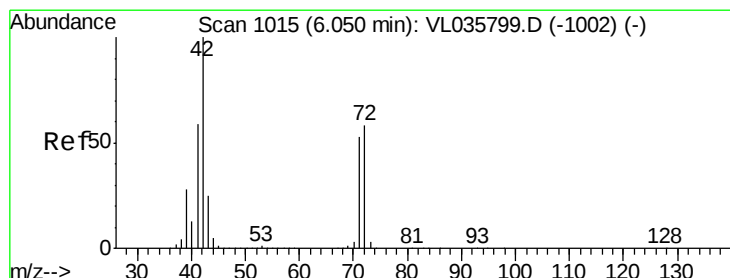
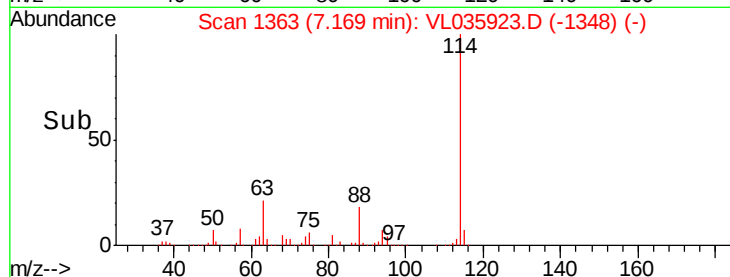
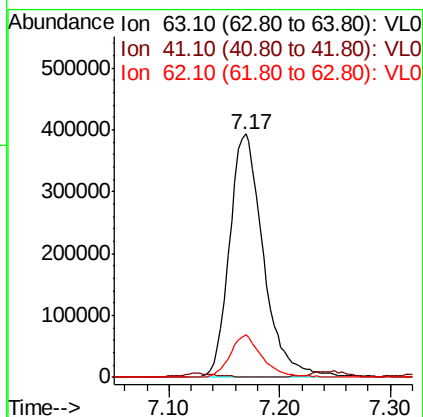
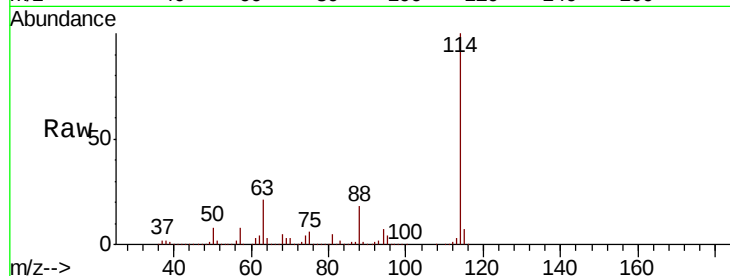




#39
 1,2-Dichloropropane
 Concen: 8.254 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.45 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

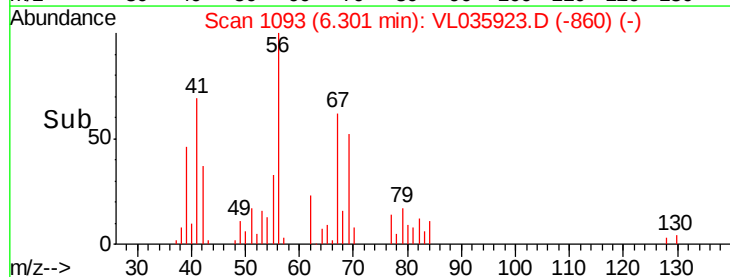
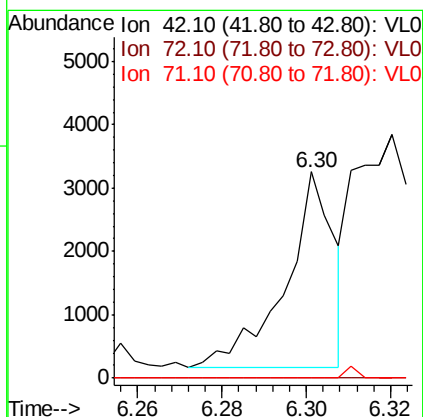
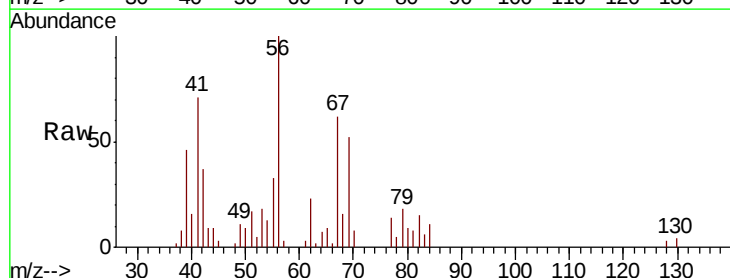
Instrument :
 MSVOA_L
 ClientSampleId :
 LA-1

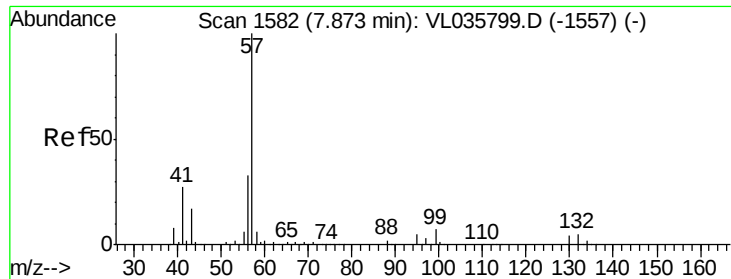
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	43.8	65.6#
62	17.5	56.2	84.2#



#41
 Tetrahydrofuran
 Concen: 0.033 ppbv
 RT: 6.30 min Scan# 1093
 Delta R.T. 0.25 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	45.4	68.0#
71	0.0	43.4	65.2#

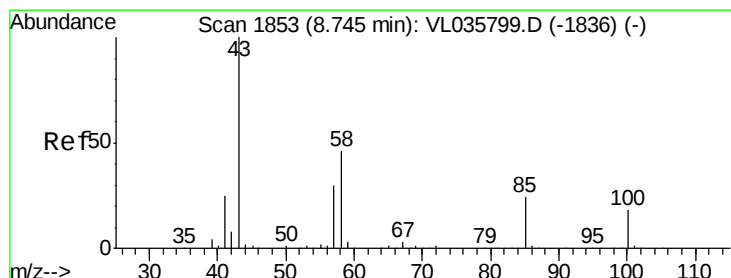
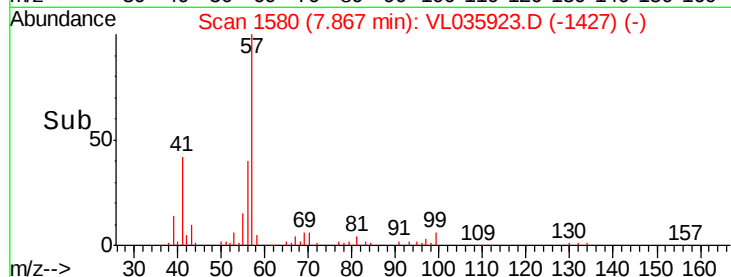
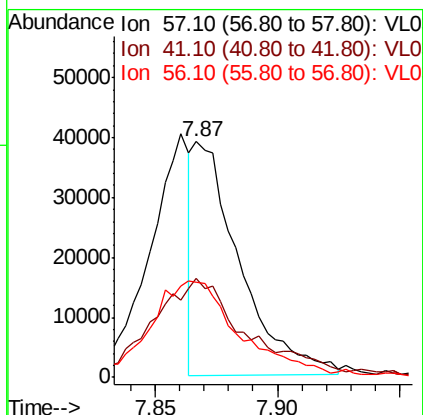
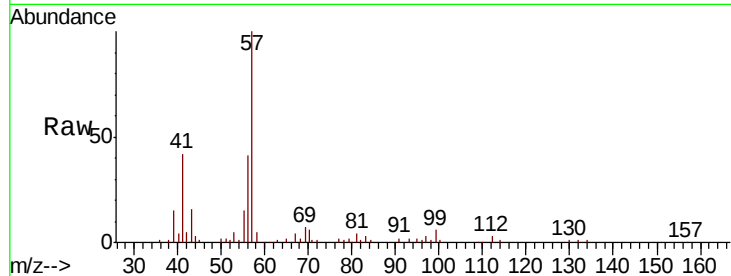




#44
 2,2,4-Trimethylpentane
 Concen: 0.128 ppbv
 RT: 7.87 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

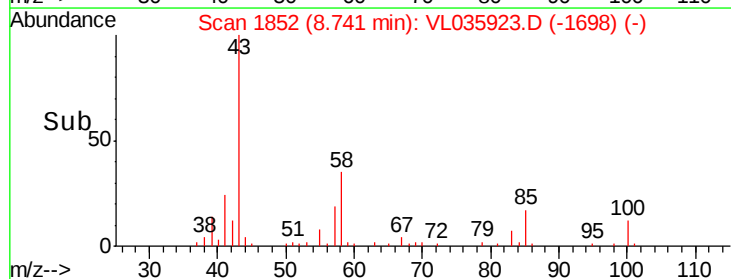
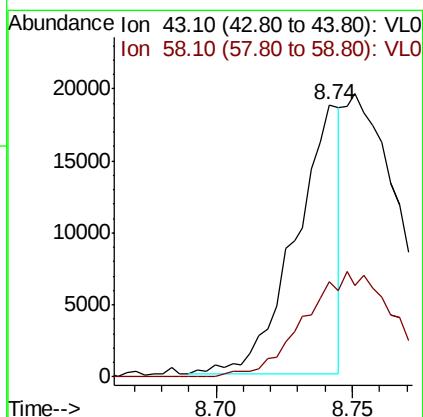
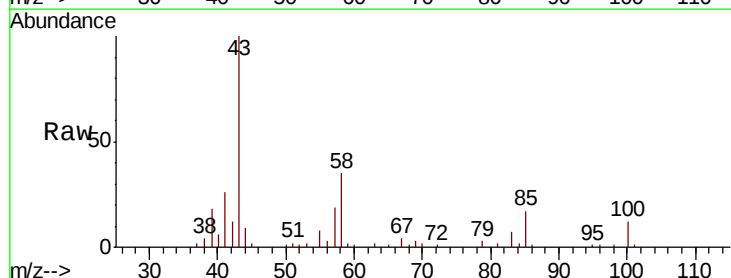
Instrument :
 MSVOA_L
 ClientSampled :
 LA-1

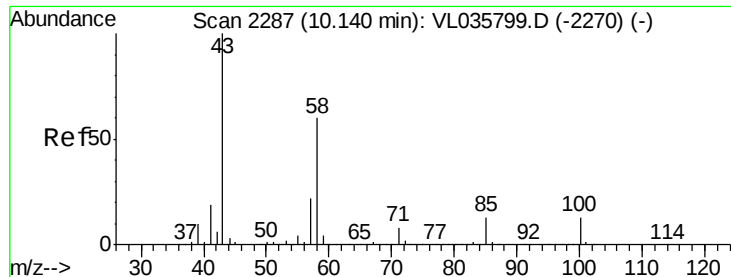
Tot Ion: 57 Resp: 50963
 Ion Ratio Lower Upper
 57 100
 41 85.4 21.0 31.4#
 56 84.7 25.4 38.0#



#50
 4-Methyl-2-Pentanone
 Concen: 0.107 ppbv
 RT: 8.74 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VL035923.D
 Acq: 12 Nov 2020 21:19

Tgt Ion: 43 Resp: 21402
 Ion Ratio Lower Upper
 43 100
 58 0.0 36.0 54.0#

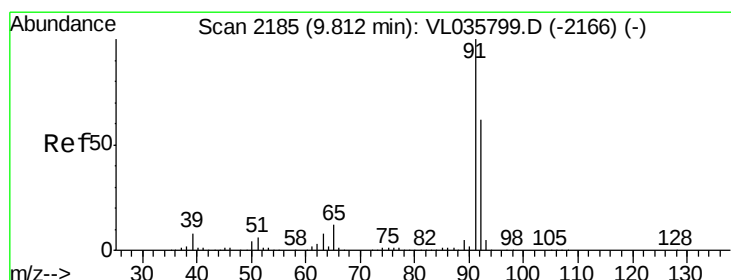
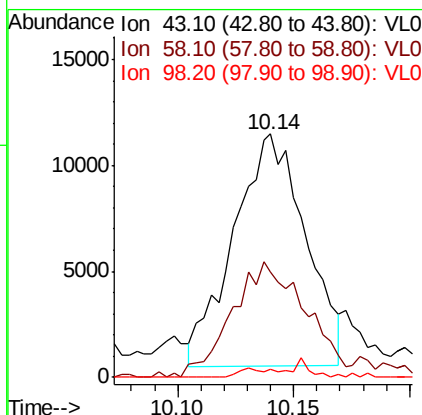
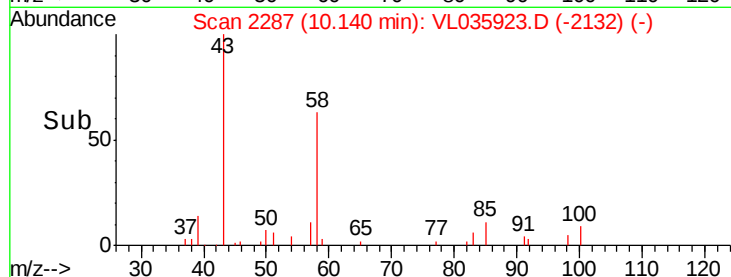
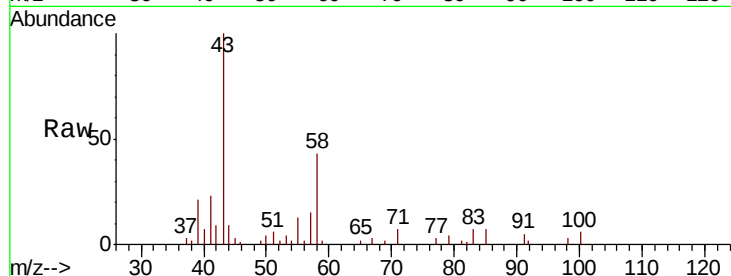




#51
2-Hexanone
Concen: 0.146 ppbv
RT: 10.14 min Scan# 2287
Delta R.T. -0.00 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

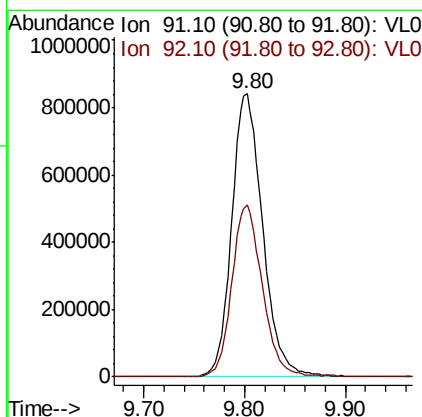
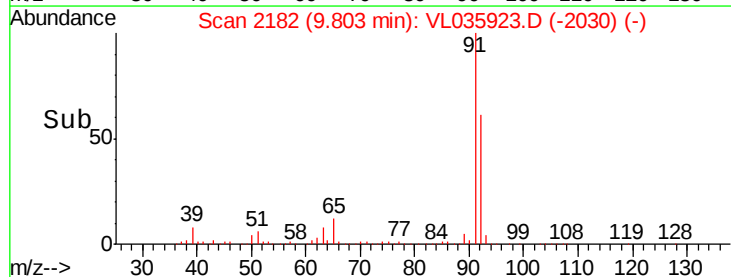
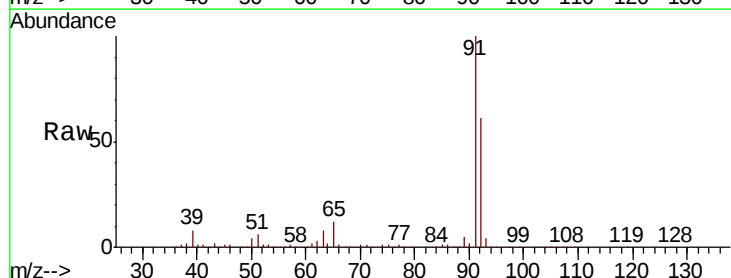
Instrument :
MSVOA_L
ClientSampleId :
LA-1

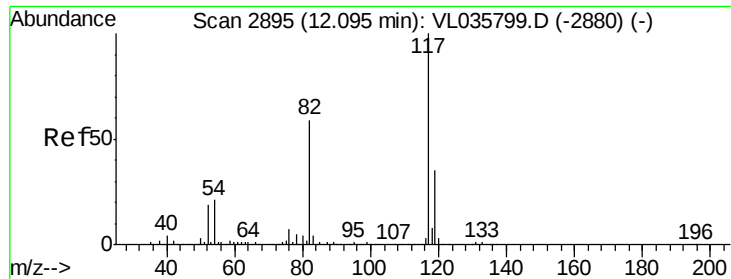
Tot Ion: 43 Resp: 23578
Ion Ratio Lower Upper
43 100
58 56.3 48.3 72.5
98 3.9 0.6 0.8#



#53
Toluene
Concen: 4.950 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 91 Resp: 1796065
Ion Ratio Lower Upper
91 100
92 60.2 49.8 74.6

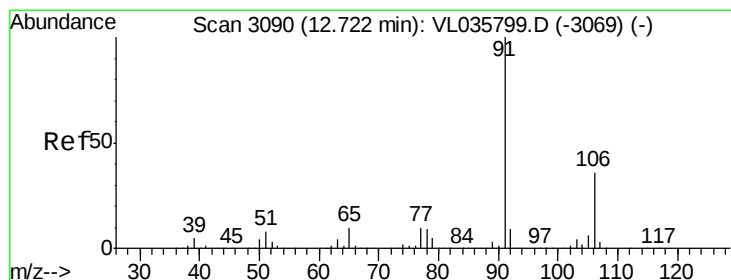
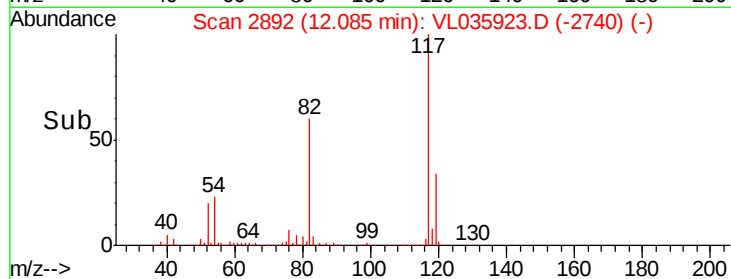
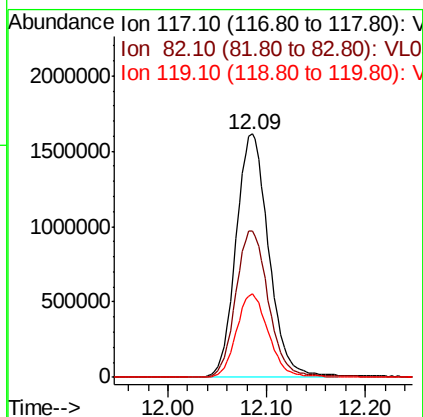
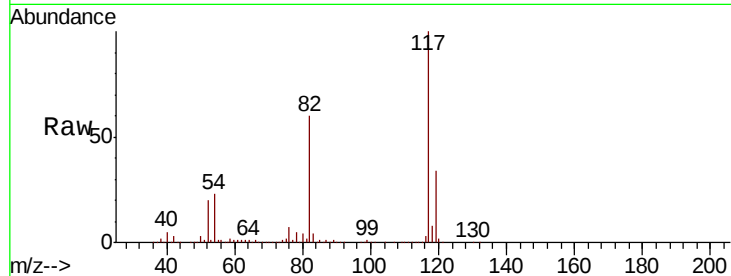




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. -0.01 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

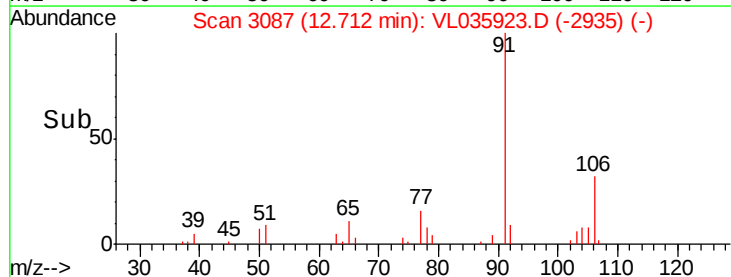
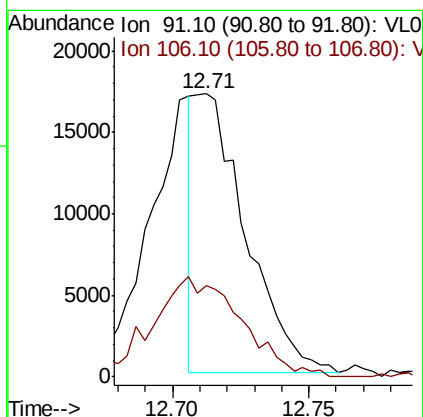
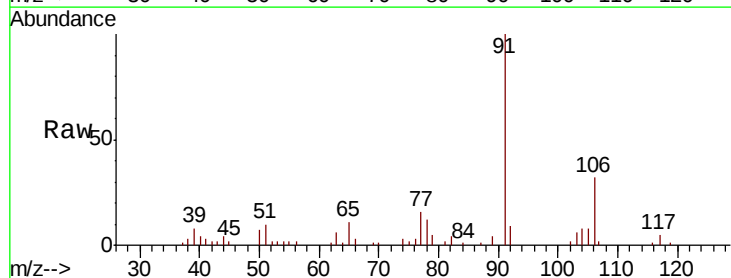
Instrument :
MSVOA_L
ClientSampled :
LA-1

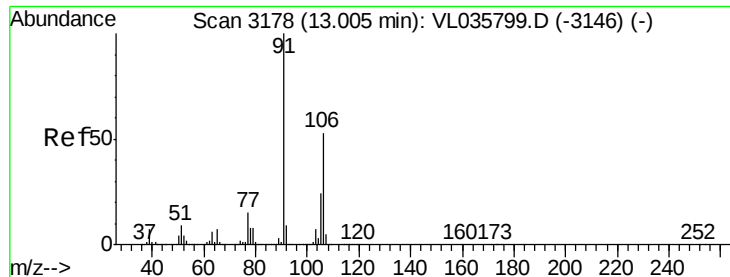
Tot Ion:117 Resp: 3711660
Ion Ratio Lower Upper
117 100
82 61.3 50.6 76.0
119 34.0 52.6 78.8#



#58
Ethyl Benzene
Concen: 0.049 ppbv
RT: 12.71 min Scan# 3087
Delta R.T. -0.01 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 91 Resp: 22077
Ion Ratio Lower Upper
91 100
106 32.6 28.6 43.0

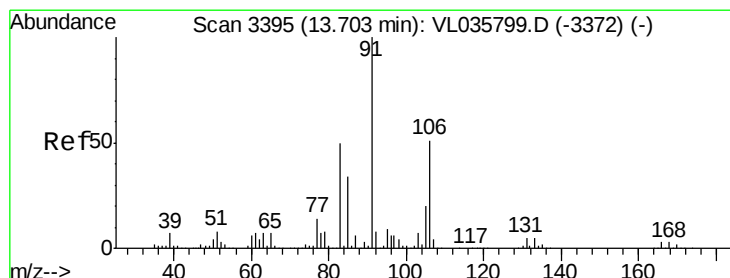
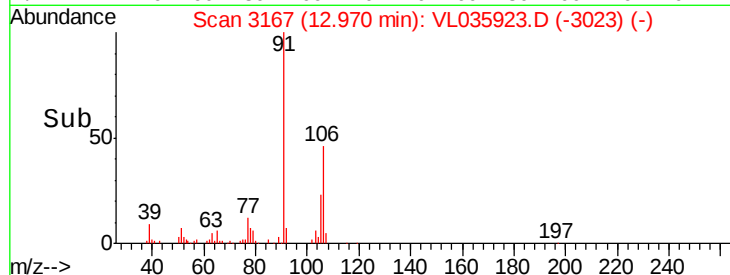
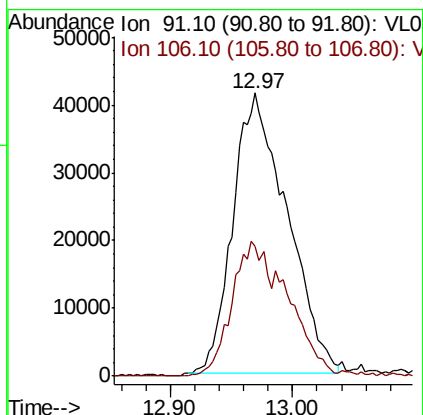
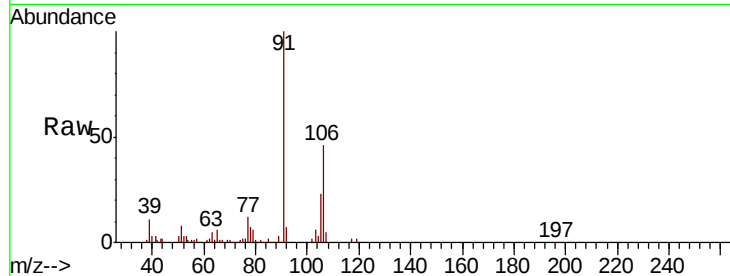




#59
m/p-Xylene
Concen: 0.334 ppbv
RT: 12.97 min Scan# 3167
Delta R.T. -0.04 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

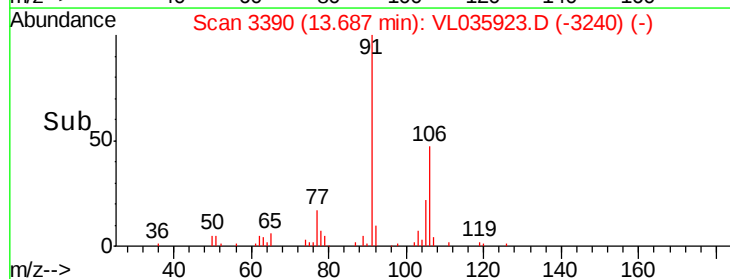
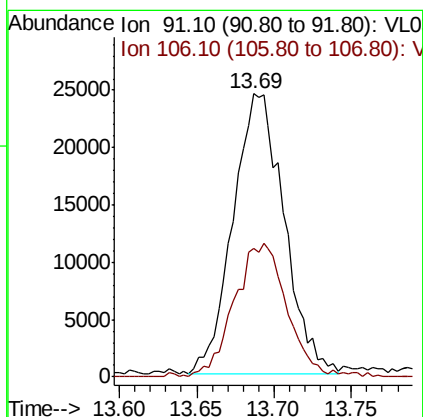
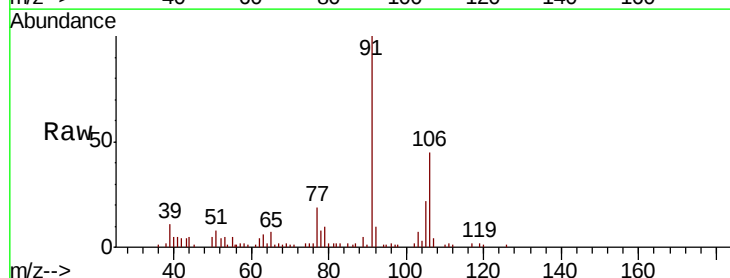
Instrument :
MSVOA_L
ClientSampleId :
LA-1

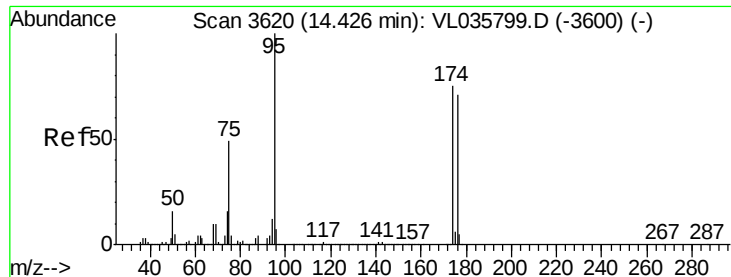
Tot Ion: 91 Resp: 127698
Ion Ratio Lower Upper
91 100
106 49.4 39.5 59.3



#60
o-Xylene
Concen: 0.150 ppbv
RT: 13.69 min Scan# 3390
Delta R.T. -0.02 min
Lab File: VL035923.D
Acq: 12 Nov 2020 21:19

Tgt Ion: 91 Resp: 55944
Ion Ratio Lower Upper
91 100
106 49.6 24.8 74.4





#68

1-Bromo-4-Fluorobenzene

Concen: 10.685 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Instrument :

MSVOA_L

ClientSampleId :

LA-1

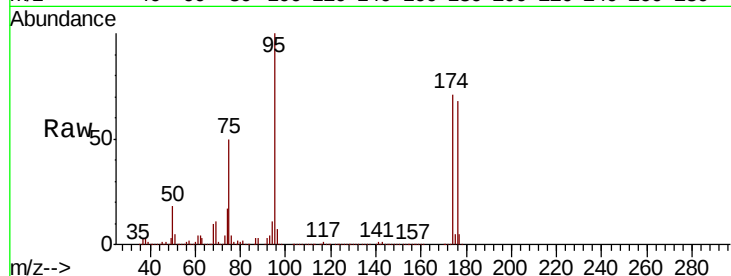
Tot Ion: 95 Resp: 2817599

Ion Ratio Lower Upper

95 100

174 72.0 59.8 89.6

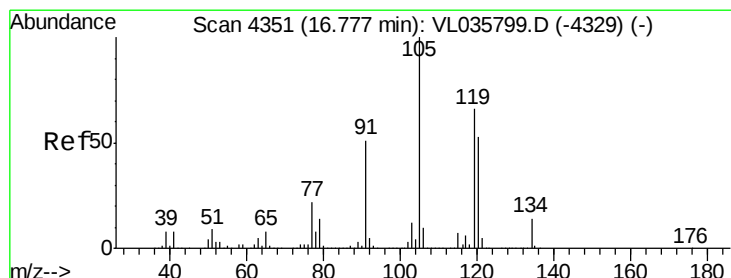
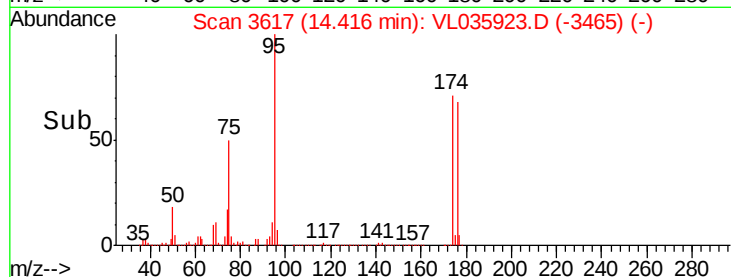
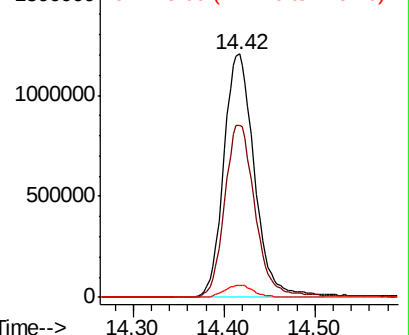
175 5.1 4.3 6.5



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



#74

1,2,4-Trimethylbenzene

Concen: 0.086 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.01 min

Lab File: VL035923.D

Acq: 12 Nov 2020 21:19

Tgt Ion: 105 Resp: 38199

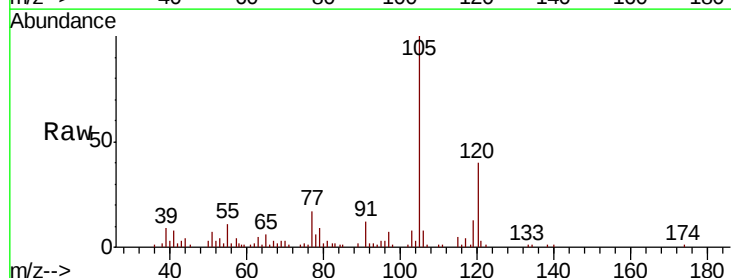
Ion Ratio Lower Upper

105 100

120 39.6 42.0 63.0#

91 10.8 41.0 61.6#

77 16.0 17.3 25.9#



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

