

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL036017.D
 Acq On : 25 Nov 2020 6:09
 Operator : SY/AP
 Sample : L4843-01 4X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Nov 25 07:19:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.65	49	1230223	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	5107957	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	4991211	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3917782	11.05	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.50%

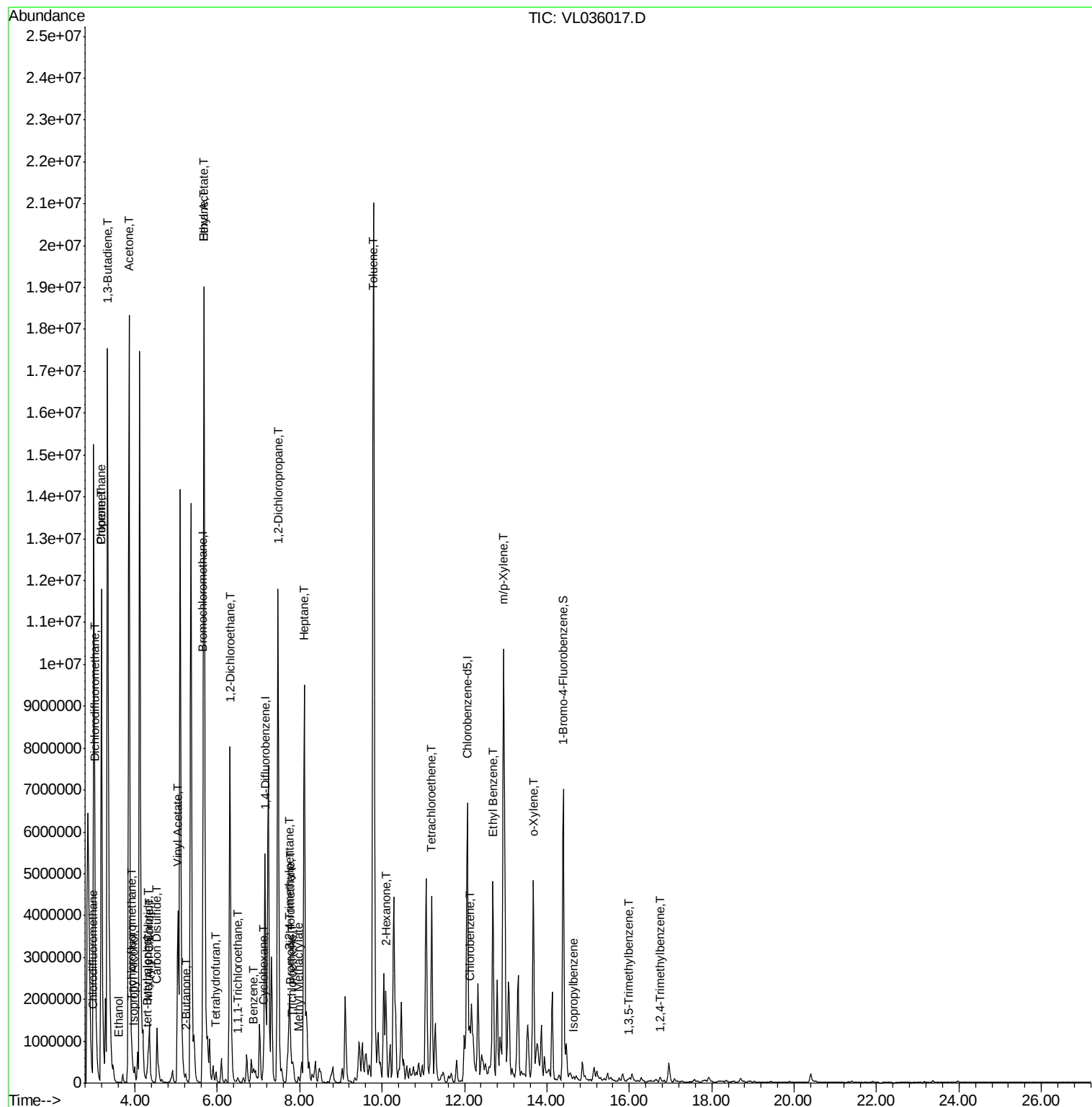
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	16221	0.070	ppbv 97
3) Chlorodifluoromethane	2.97	51	12391	0.084	ppbv 93
4) Chloromethane	3.19	50	173411	2.423	ppbv # 72
9) Propene	3.19	41	5329216	98.832	ppbv 96
10) Heptane	8.11	43	4293204	28.826	ppbv 97
11) Trichlorofluoromethane	3.93	101	18614	0.064	ppbv 90
13) Ethanol	3.59	45	7314	0.625	ppbv # 35
15) Acetone	3.85	43	8738592	66.442	ppbv # 55
16) 1,3-Butadiene	3.34	39	4761100	84.081	ppbv # 1
17) tert-Butyl alcohol	4.29	59	7496	0.043	ppbv # 72
19) Isopropyl Alcohol	3.97	45	14040	0.174	ppbv # 90
20) Methylene Chloride	4.32	84	449587	4.856	ppbv 98
21) Allyl Chloride	4.35	41	197980	2.784	ppbv # 1
23) Vinyl Acetate	5.04	43	1366272	7.411	ppbv # 1
25) Ethyl Acetate	5.67	43	6635666	25.610	ppbv # 72
26) Hexane	5.67	57	10884284	76.172	ppbv # 46
27) Carbon Disulfide	4.53	76	1995858	9.322	ppbv 98
30) Cyclohexane	7.12	84	155584	1.000	ppbv # 65
32) 1,1,1-Trichloroethane	6.49	97	32405	0.111	ppbv # 43
34) 2-Butanone	5.23	43	230402	1.390	ppbv 89
36) Benzene	6.87	78	170256	0.448	ppbv 94
37) 1,2-Dichloroethane	6.30	62	25728	0.150	ppbv # 86
38) Trichloroethene	7.82	130	33601	0.181	ppbv 97
39) 1,2-Dichloropropane	7.47	63	22288	0.174	ppbv # 1
41) Tetrahydrofuran	5.97	42	39591	0.420	ppbv # 27
42) Bromodichloromethane	7.78	83	188283	0.649	ppbv # 24
43) Methyl Methacrylate	7.97	69	18111	0.125	ppbv # 10
44) 2,2,4-Trimethylpentane	7.75	57	52539	0.105	ppbv # 1
51) 2-Hexanone	10.09	43	1130934	5.554	ppbv # 21
52) Tetrachloroethene	11.20	164	1225111	6.810	ppbv 96
53) Toluene	9.79	91	18615044	40.626	ppbv # 77
57) Chlorobenzene	12.13	112	23098	0.058	ppbv # 42
58) Ethyl Benzene	12.69	91	4424167	7.278	ppbv 98
59) m/p-Xylene	12.95	91	10864607	21.124	ppbv 92
60) o-Xylene	13.67	91	3940319	7.876	ppbv 99
62) Isopropylbenzene	14.64	105	70103	0.089	ppbv 96
73) 1,3,5-Trimethylbenzene	15.98	105	25226	0.045	ppbv 95
74) 1,2,4-Trimethylbenzene	16.74	105	40067	0.067	ppbv # 66

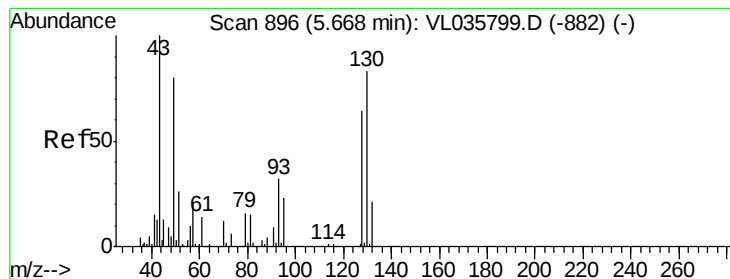
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

ClientSampleId :

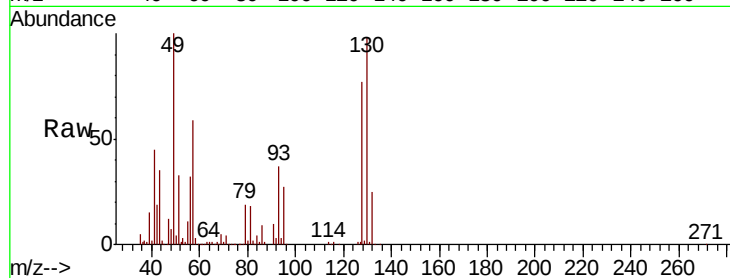
Tot Ion: 49 Resp: 1230223

Ion Ratio Lower Upper

49 100

128 80.7 41.5 124.6

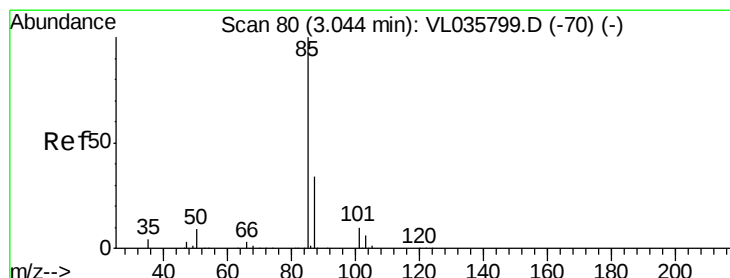
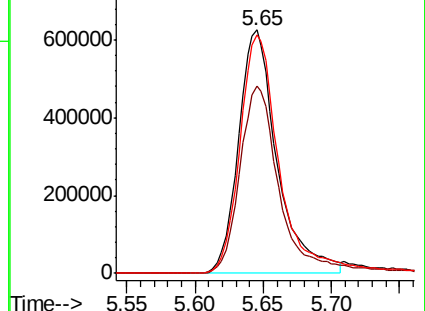
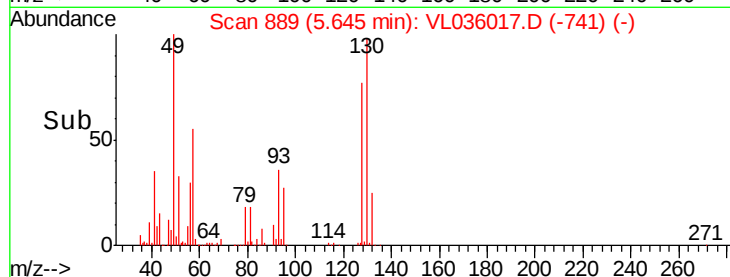
130 102.7 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.070 ppbv

RT: 3.03 min Scan# 76

Delta R.T. -0.01 min

Lab File: VL036017.D

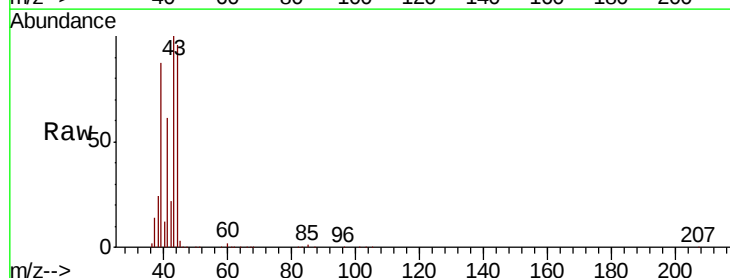
Acq: 25 Nov 2020 6:09

Tgt Ion: 85 Resp: 16221

Ion Ratio Lower Upper

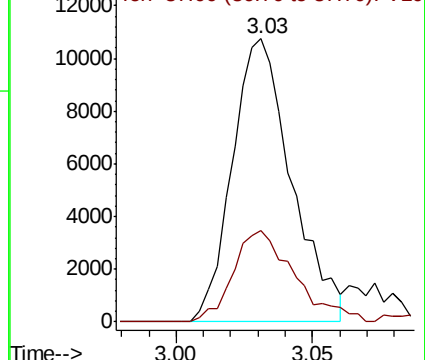
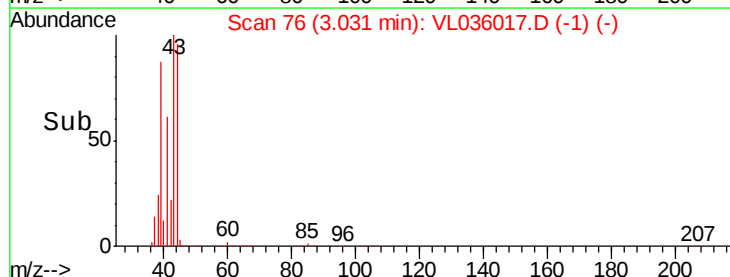
85 100

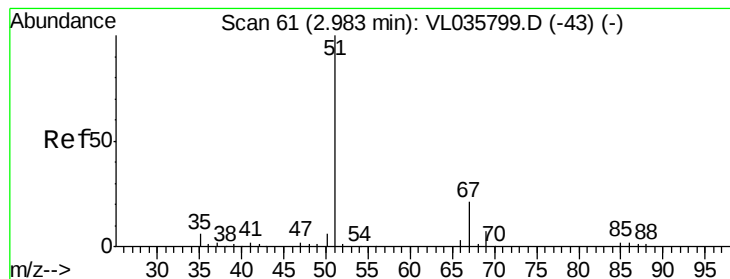
87 32.2 27.1 40.7



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.084 ppbv

RT: 2.97 min Scan# 56

Delta R.T. -0.02 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

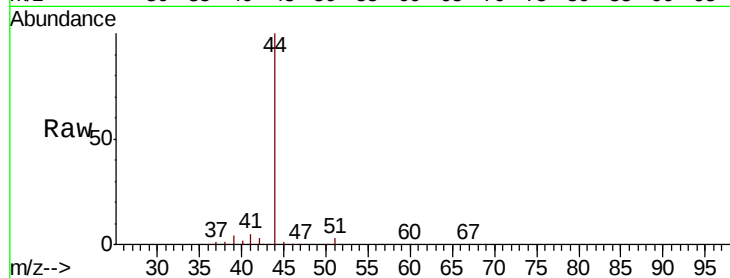
ClientSampleId :

Tot Ion: 51 Resp: 12391

Ion Ratio Lower Upper

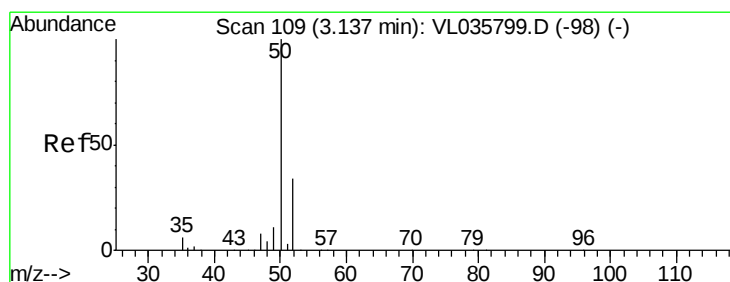
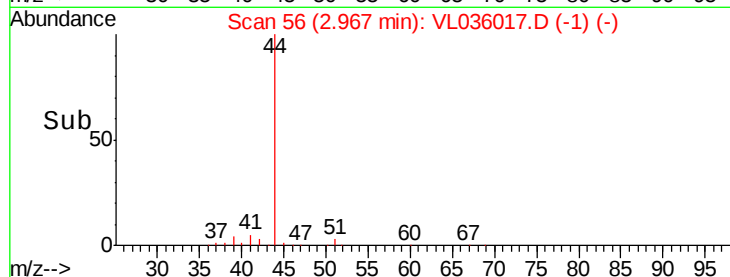
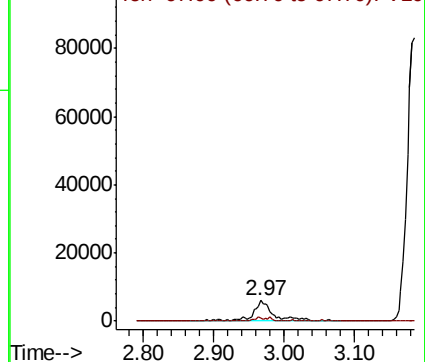
51 100

67 17.9 17.0 25.4



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 2.423 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.05 min

Lab File: VL036017.D

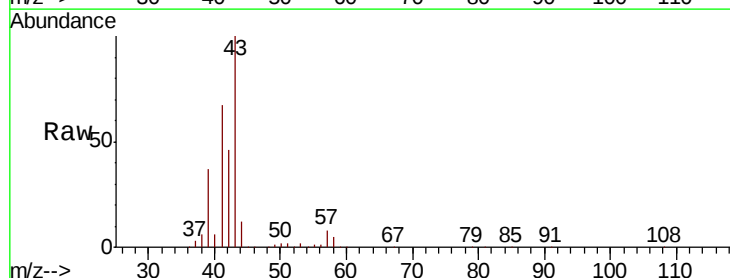
Acq: 25 Nov 2020 6:09

Tgt Ion: 50 Resp: 173411

Ion Ratio Lower Upper

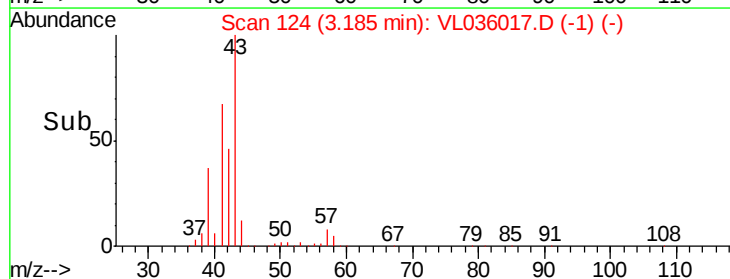
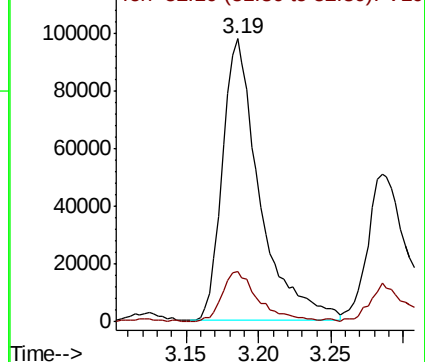
50 100

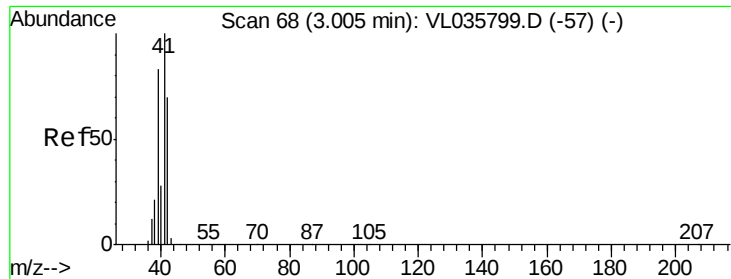
52 17.8 27.1 40.7#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 98.832 ppbv

RT: 3.19 min Scan# 124

Delta R.T. 0.18 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

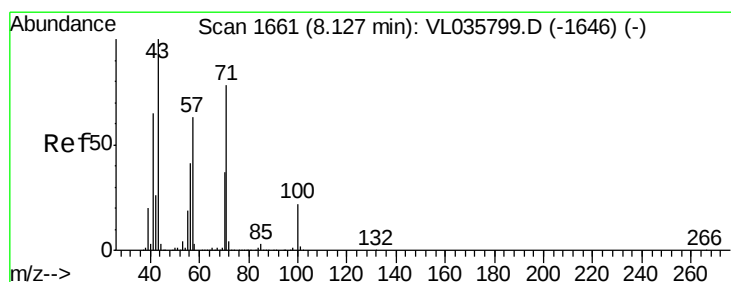
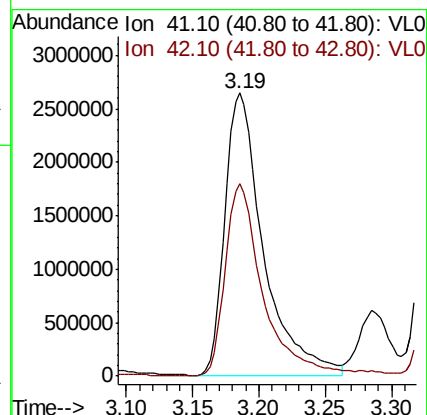
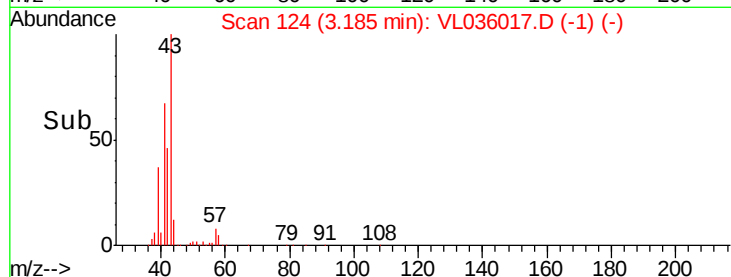
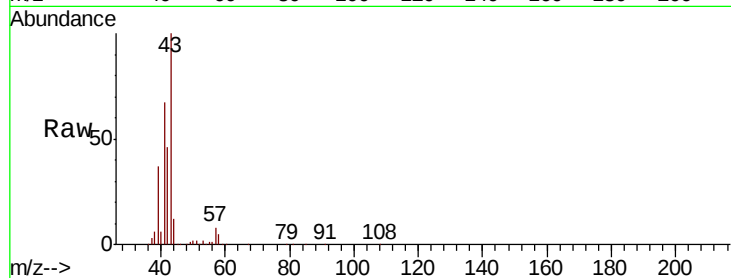
ClientSampleId :

Tot Ion: 41 Resp: 5329216

Ion Ratio Lower Upper

41 100

42 67.2 56.2 84.4



#10

Heptane

Concen: 28.826 ppbv

RT: 8.11 min Scan# 1655

Delta R.T. -0.02 min

Lab File: VL036017.D

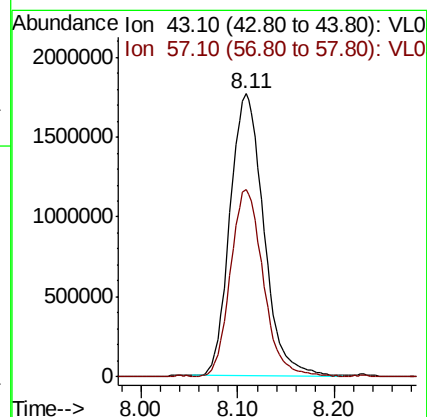
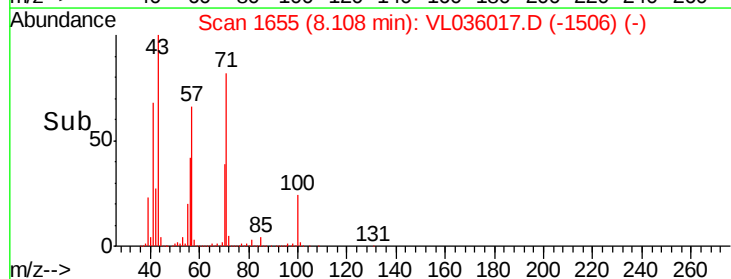
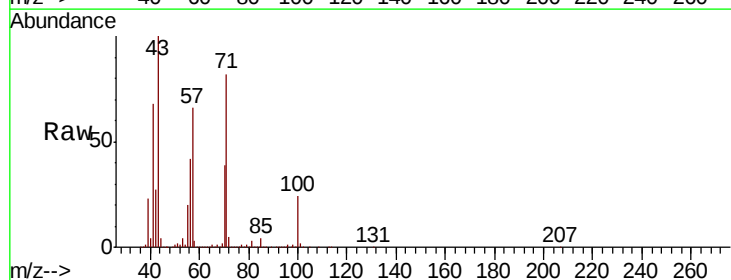
Acq: 25 Nov 2020 6:09

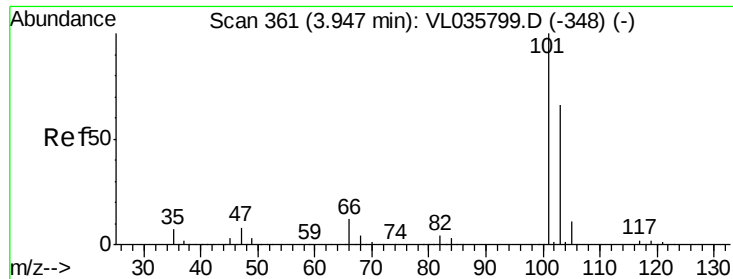
Tgt Ion: 43 Resp: 4293204

Ion Ratio Lower Upper

43 100

57 65.0 50.0 75.0

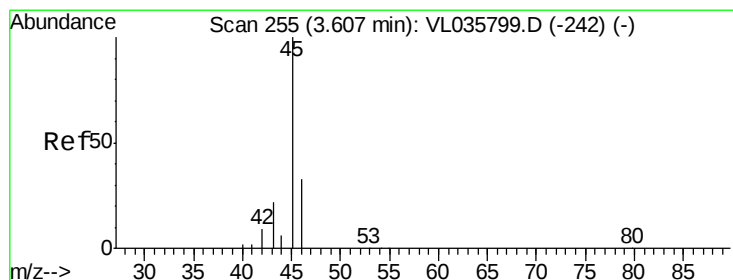
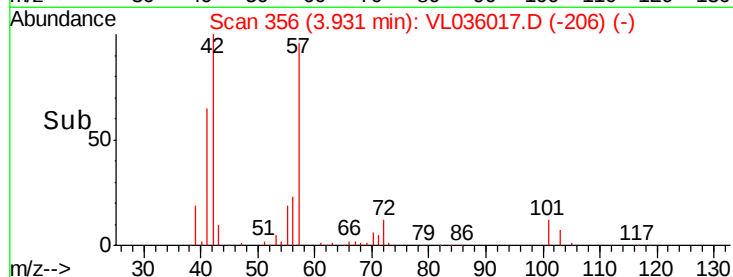
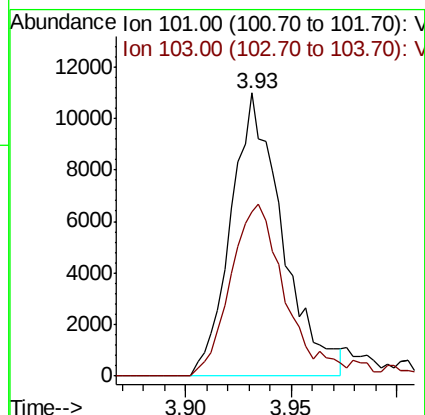
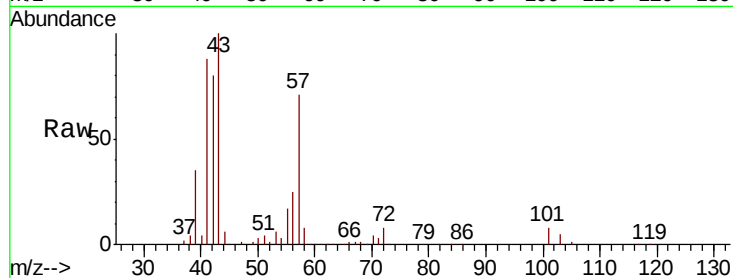




#11
 Trichlorofluoromethane
 Concen: 0.064 ppbv
 RT: 3.93 min Scan# 356
 Delta R.T. -0.02 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

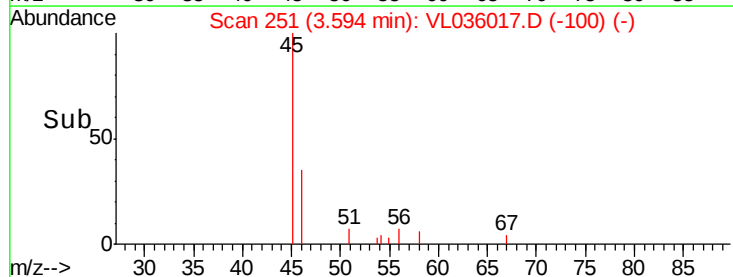
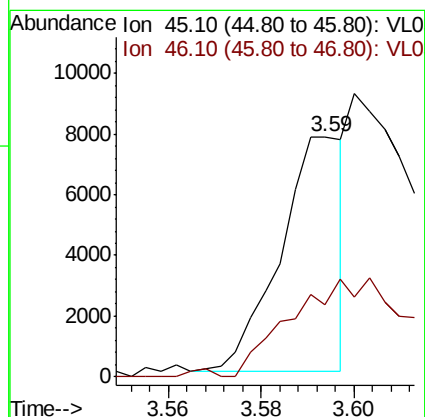
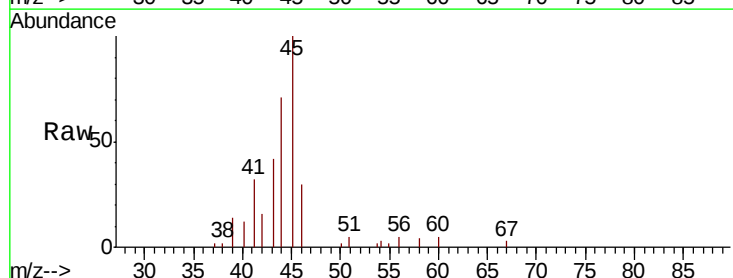
Instrument :
 MSVOA_L
 ClientSampleId :

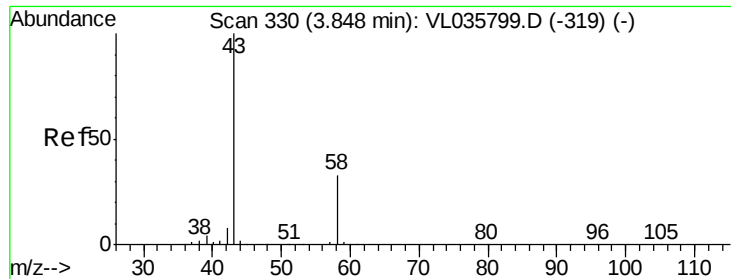
Tot Ion:101 Resp: 18614
 Ion Ratio Lower Upper
 101 100
 103 58.1 53.0 79.4



#13
 Ethanol
 Concen: 0.625 ppbv
 RT: 3.59 min Scan# 251
 Delta R.T. -0.01 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Tgt Ion: 45 Resp: 7314
 Ion Ratio Lower Upper
 45 100
 46 0.0 16.1 64.5#





#15

Acetone

Concen: 66.442 ppbv

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

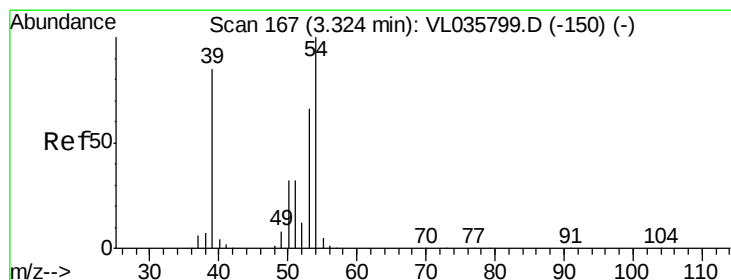
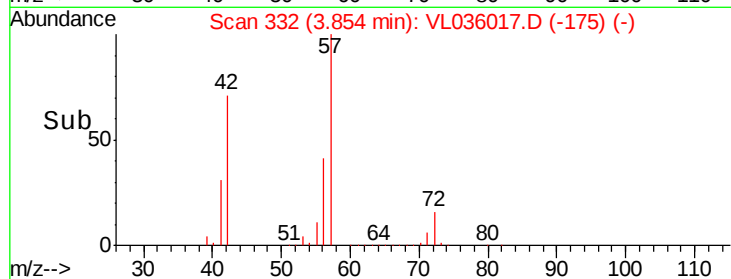
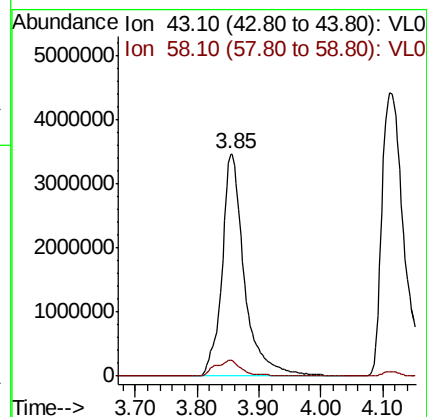
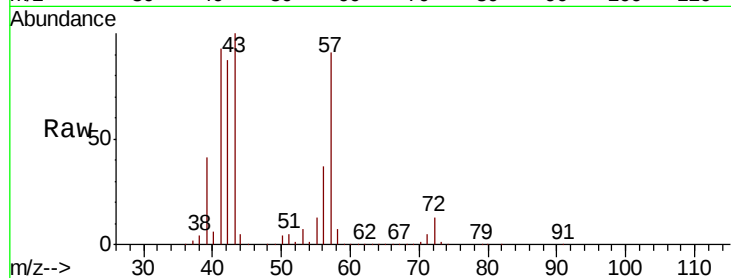
ClientSampled :

Tot Ion: 43 Resp: 8738592

Ion Ratio Lower Upper

43 100

58 8.6 27.5 41.3#



#16

1,3-Butadiene

Concen: 84.081 ppbv

RT: 3.34 min Scan# 171

Delta R.T. 0.01 min

Lab File: VL036017.D

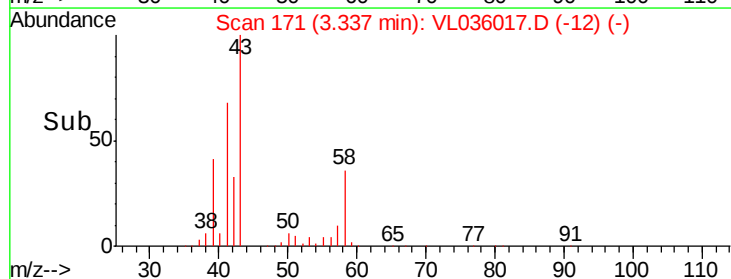
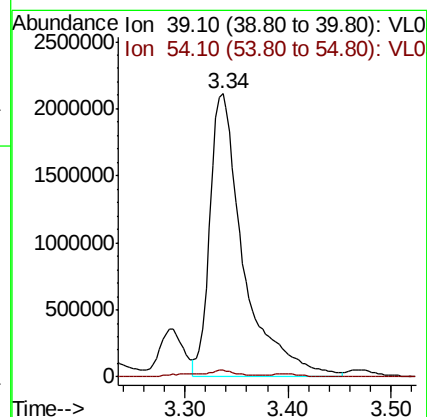
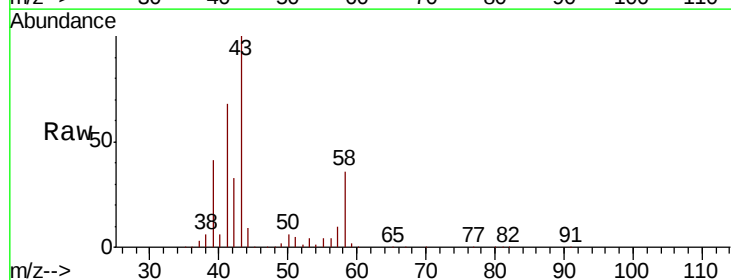
Acq: 25 Nov 2020 6:09

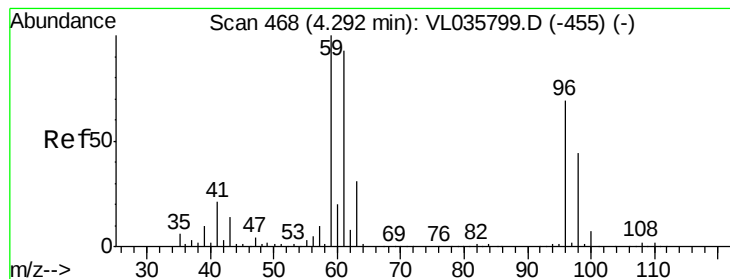
Tgt Ion: 39 Resp: 4761100

Ion Ratio Lower Upper

39 100

54 3.0 87.1 130.7#





#17

tert-Butyl alcohol

Concen: 0.043 ppbv

RT: 4.29 min Scan# 469

Delta R.T. 0.00 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

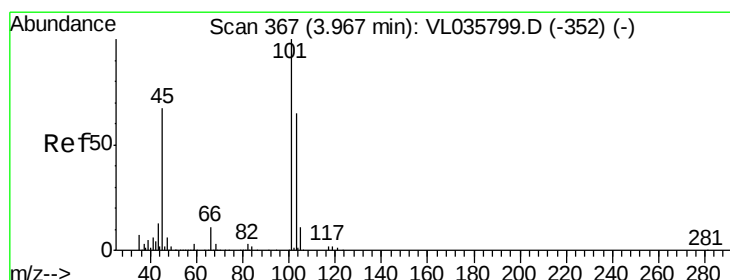
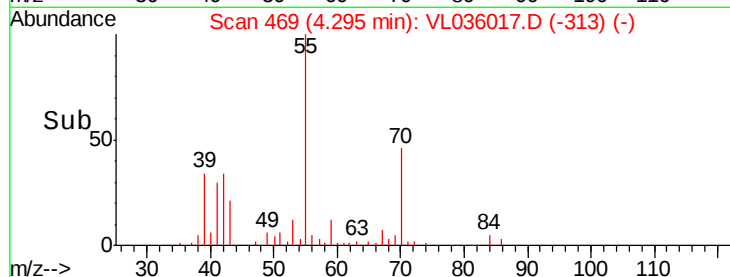
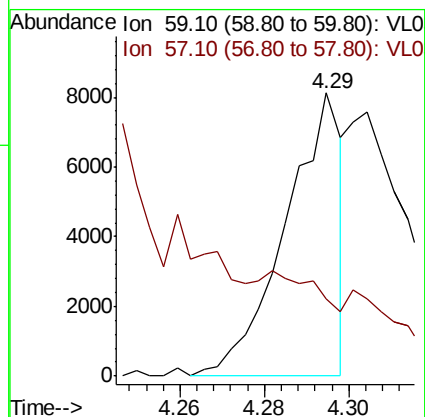
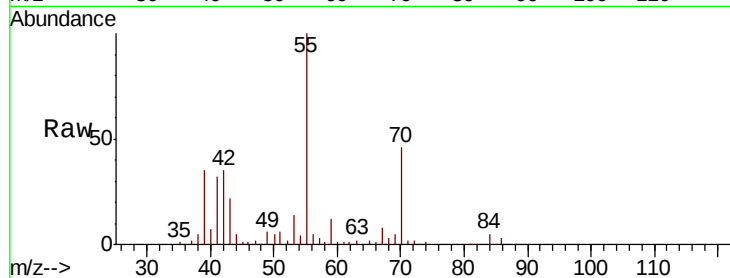
ClientSampleId :

Tot Ion: 59 Resp: 7496

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#19

Isopropyl Alcohol

Concen: 0.174 ppbv

RT: 3.97 min Scan# 367

Delta R.T. -0.00 min

Lab File: VL036017.D

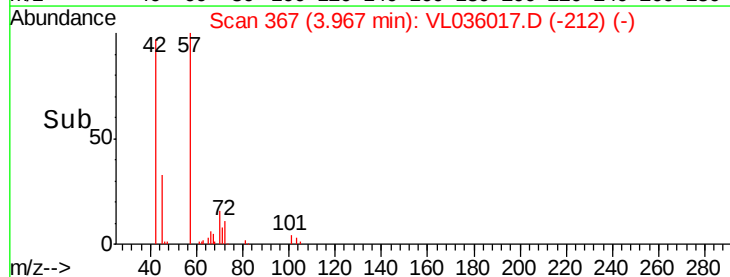
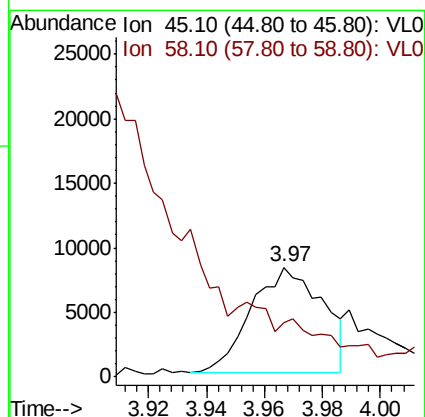
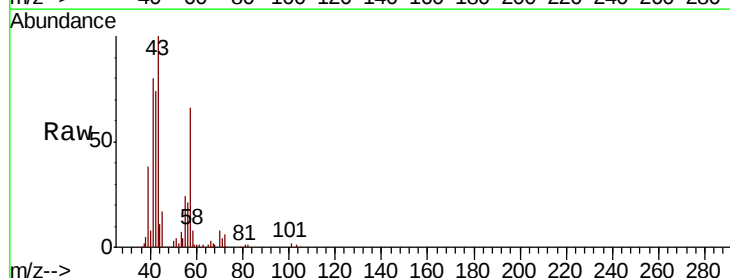
Acq: 25 Nov 2020 6:09

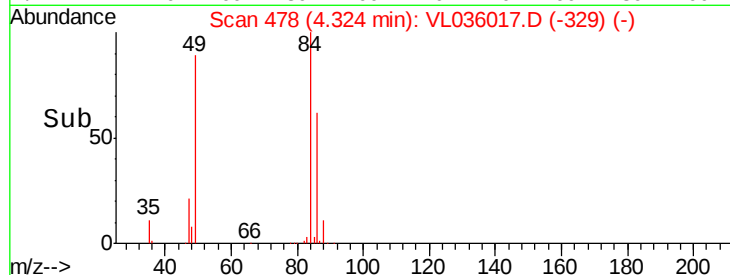
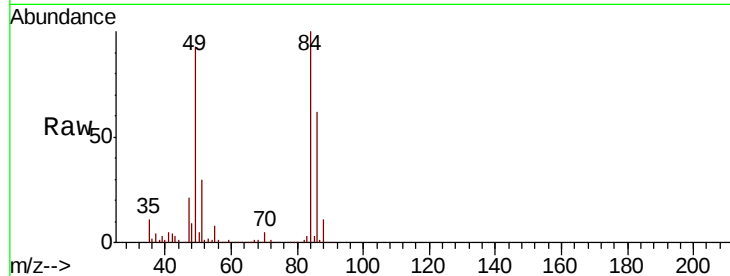
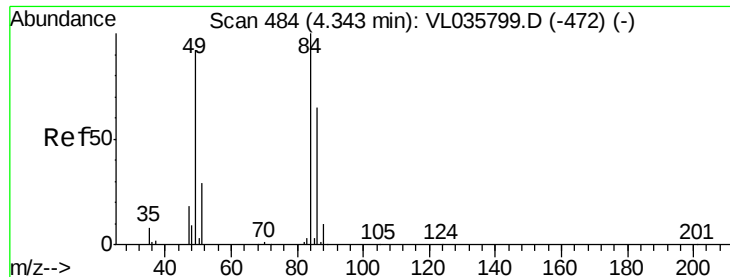
Tgt Ion: 45 Resp: 14040

Ion Ratio Lower Upper

45 100

58 0.0 2.6 3.8#

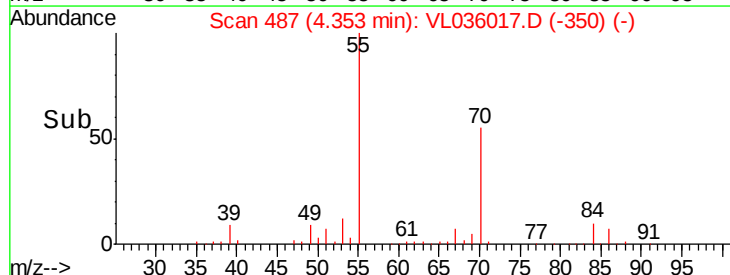
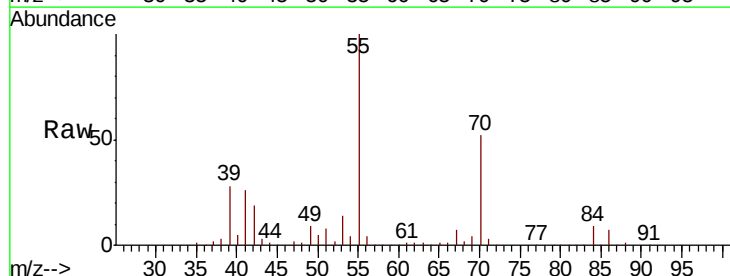
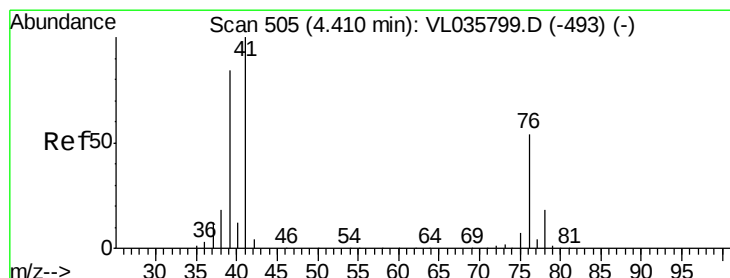
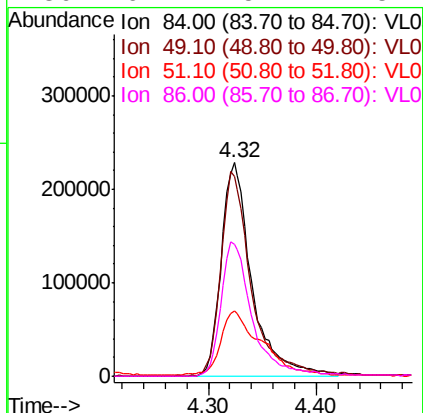




#20
Methvlene Chloride
Concen: 4.856 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

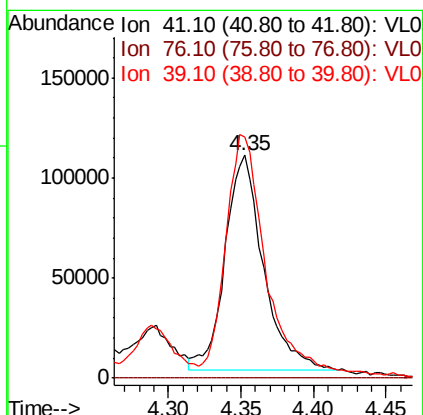
Instrument :
MSVOA_L
ClientSampleId :

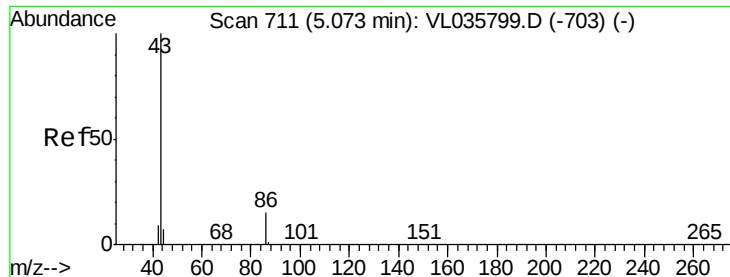
Tot Ion:	84	Resp:	449587
Ion	Ratio	Lower	Upper
84	100		
49	93.3	73.8	110.8
51	29.6	23.0	34.4
86	62.1	52.1	78.1



#21
Allyl Chloride
Concen: 2.784 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.06 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion:	41	Resp:	197980
Ion	Ratio	Lower	Upper
41	100		
76	1029.6	42.6	63.8#
39	119.7	67.0	100.4#



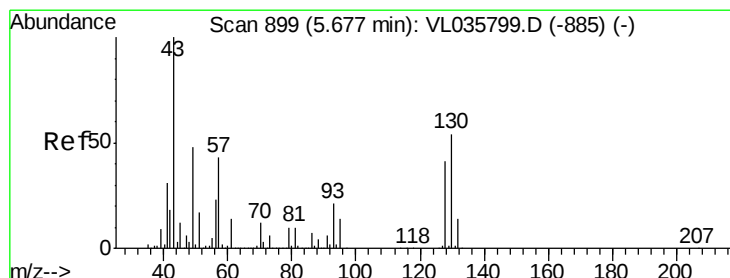
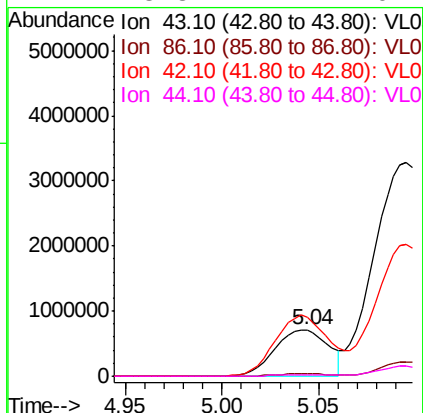
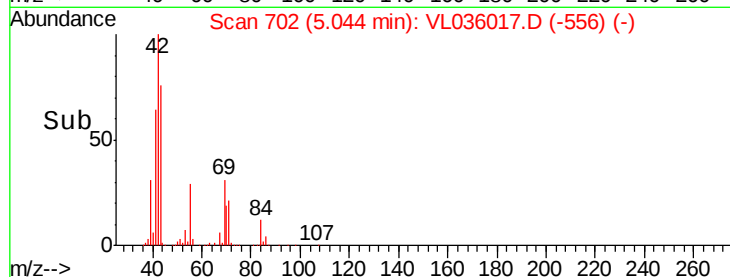
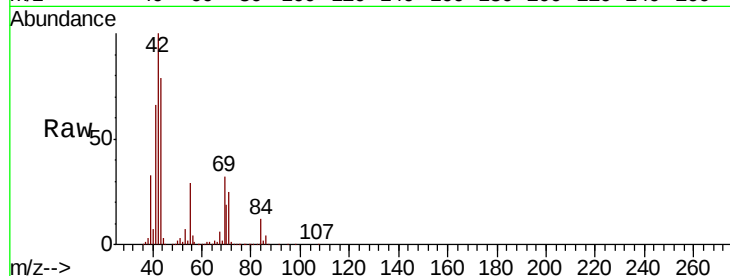


#23
 Vinyl Acetate
 Concen: 7.411 ppbv
 RT: 5.04 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion: 43 Resp: 1366272

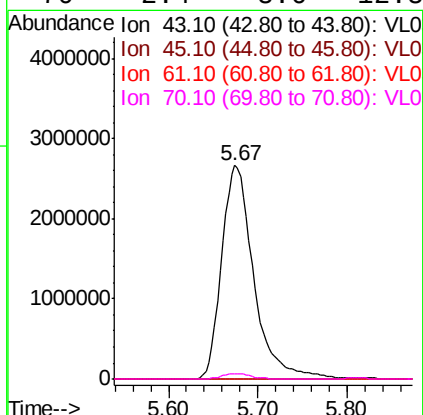
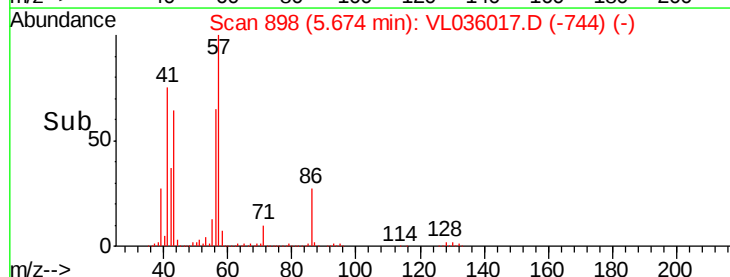
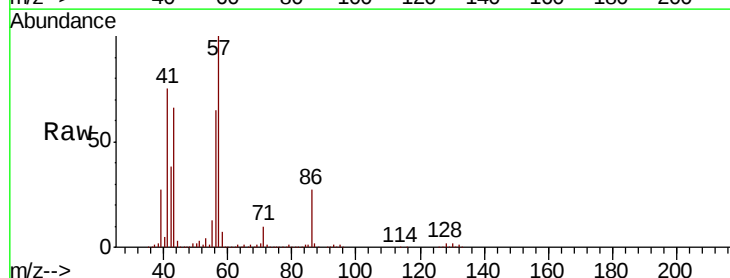
Ion	Ratio	Lower	Upper
43	100		
86	5.1	9.8	14.6#
42	127.4	8.1	12.1#
44	3.3	4.2	6.4#

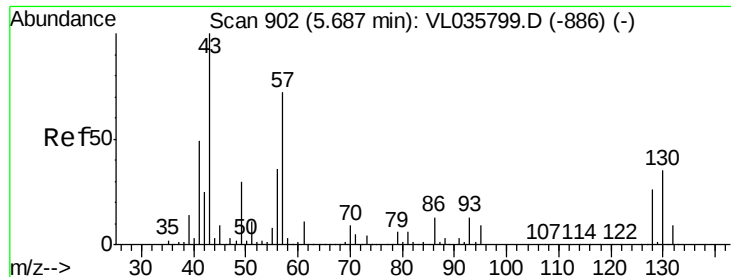


#25
 Ethyl Acetate
 Concen: 25.610 ppbv
 RT: 5.67 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Tgt Ion: 43 Resp: 6635666

Ion	Ratio	Lower	Upper
43	100		
45	0.1	8.5	12.7#
61	0.2	10.7	16.1#
70	2.4	8.6	12.8#

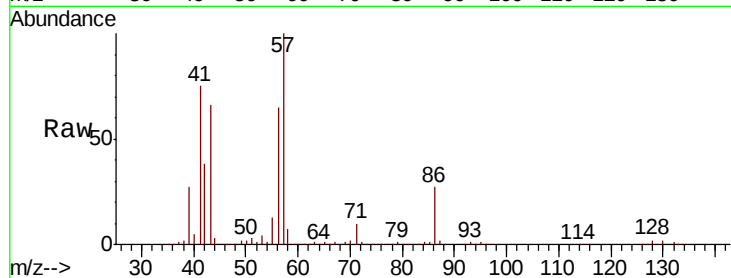




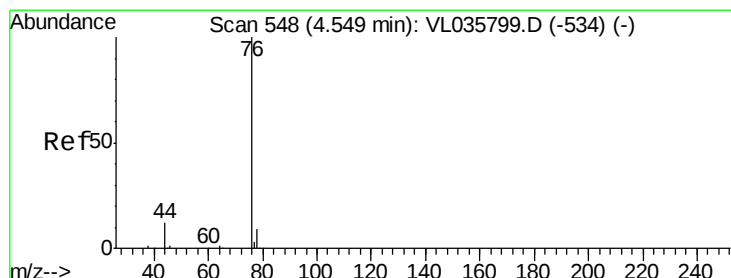
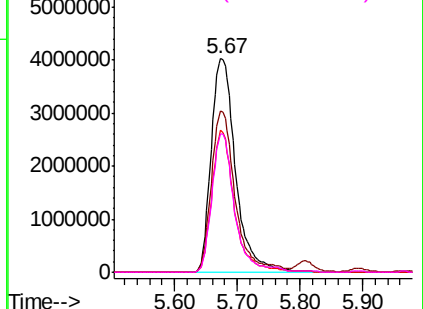
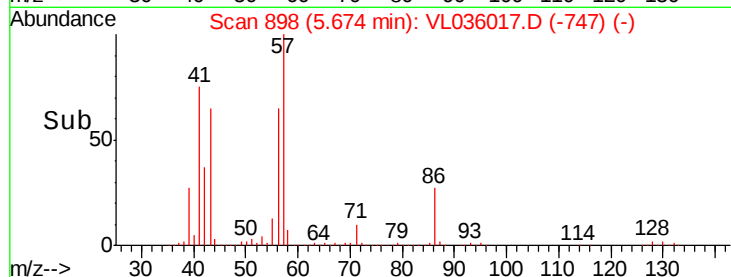
#26
Hexane
Concen: 76.172 ppbv
RT: 5.67 min Scan# 898
Delta R.T. -0.01 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp:10884284
Ion Ratio Lower Upper
57 100
41 74.3 58.9 88.3
43 61.5 150.2 225.2#
56 60.3 42.4 63.6

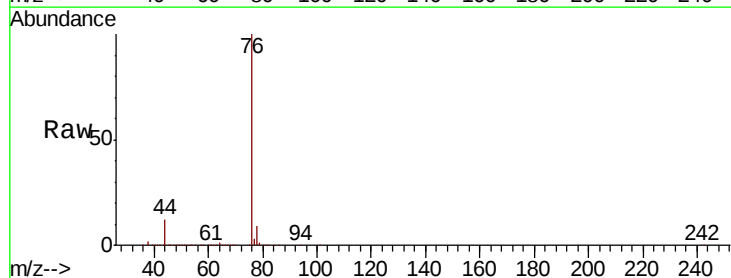


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

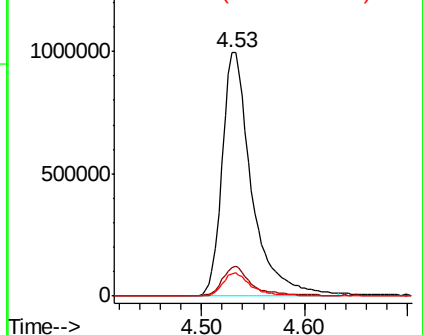
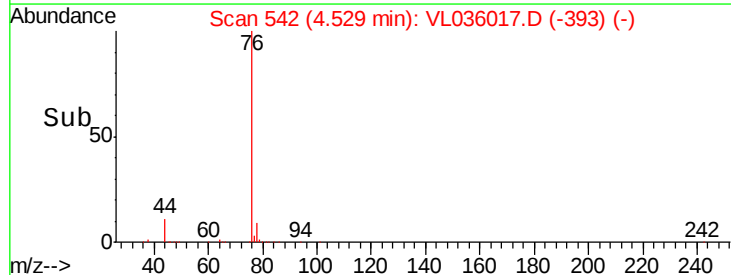


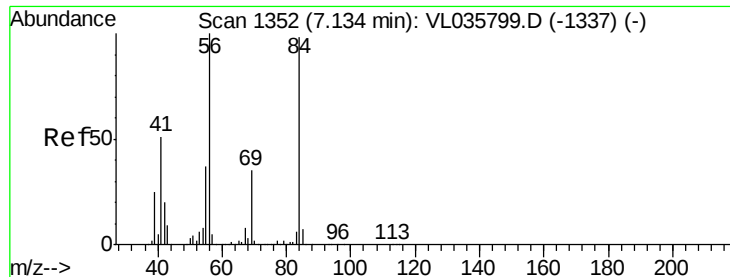
#27
Carbon Disulfide
Concen: 9.322 ppbv
RT: 4.53 min Scan# 542
Delta R.T. -0.02 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion: 76 Resp: 1995858
Ion Ratio Lower Upper
76 100
44 11.8 9.9 14.9
78 9.5 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

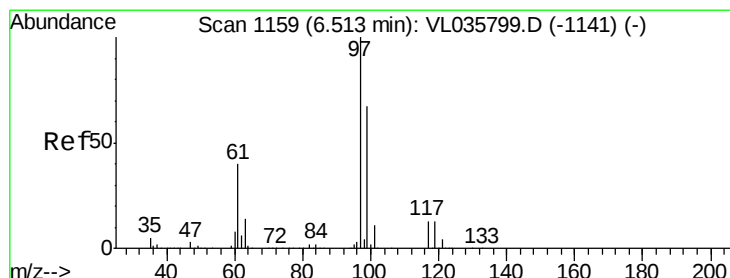
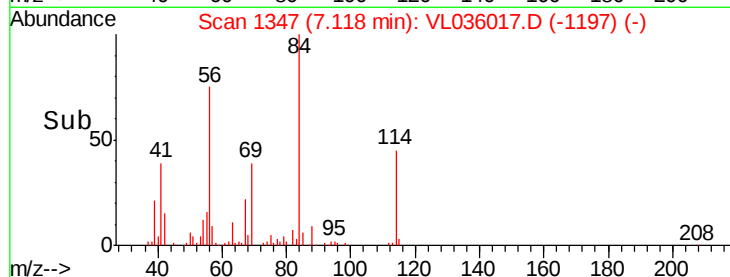
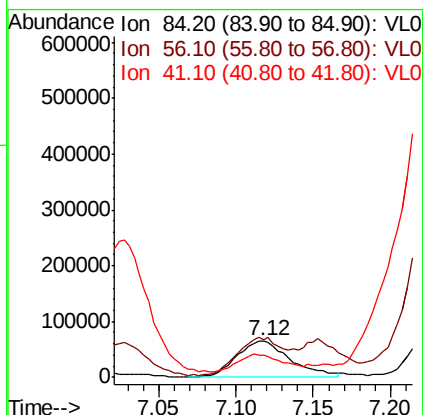
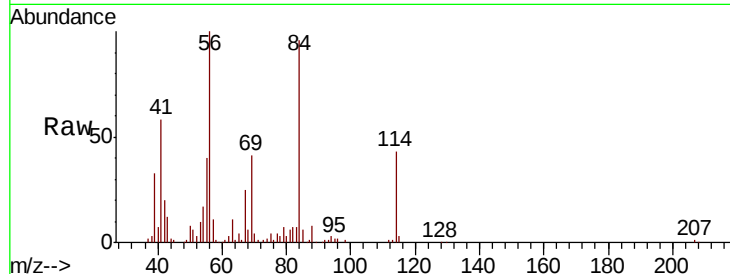




#30
Cvclohexane
Concen: 1.000 ppbv
RT: 7.12 min Scan# 1347
Delta R.T. -0.02 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

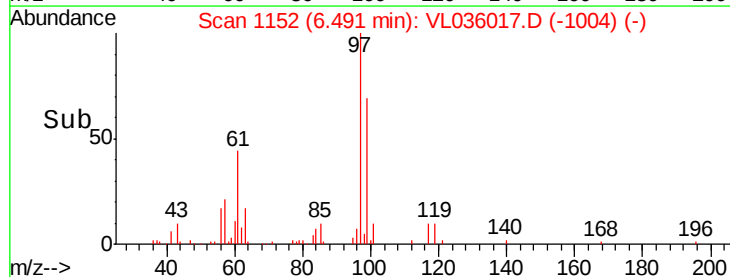
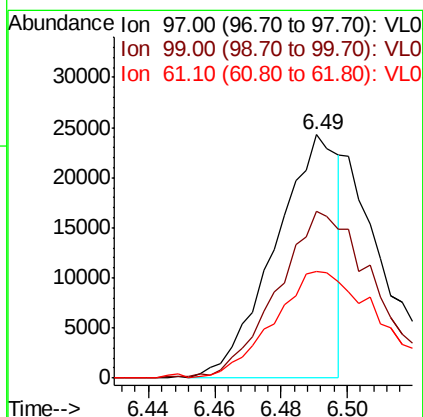
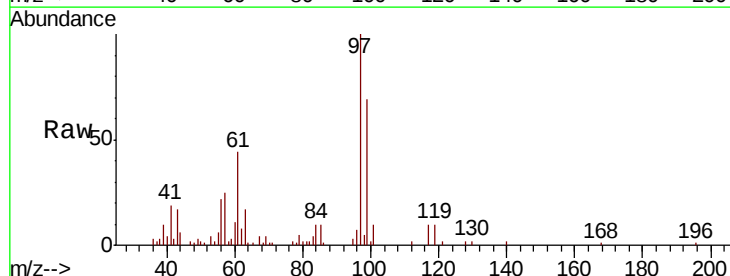
Instrument :
MSVOA_L
ClientSampled :

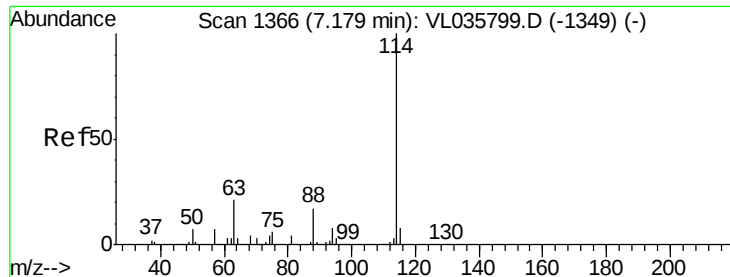
Tot Ion: 84 Resp: 155584
Ion Ratio Lower Upper
84 100
56 91.1 86.4 129.6
41 0.0 42.1 63.1#



#32
1,1,1-Trichloroethane
Concen: 0.111 ppbv
RT: 6.49 min Scan# 1152
Delta R.T. -0.02 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion: 97 Resp: 32405
Ion Ratio Lower Upper
97 100
99 110.6 52.3 78.5#
61 75.5 32.0 48.0#

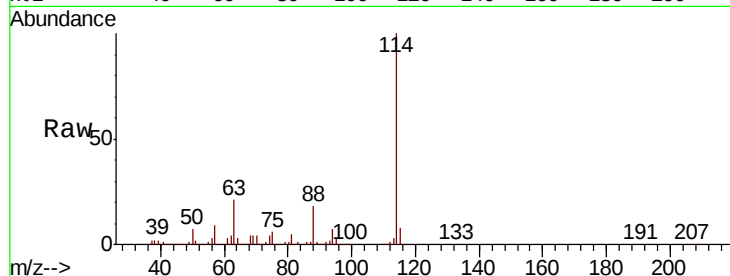




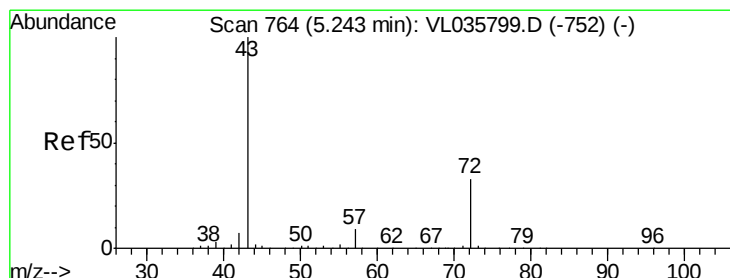
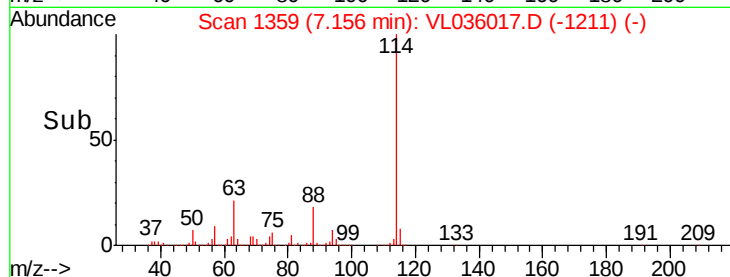
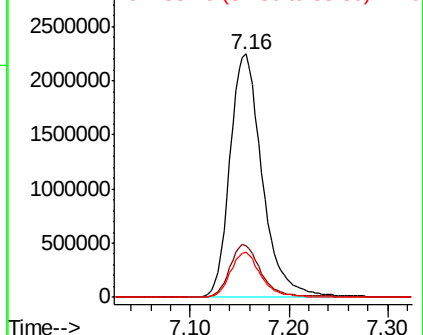
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 5107957
 Ion Ratio Lower Upper
 114 100
 63 21.3 16.1 24.1
 88 17.6 13.7 20.5

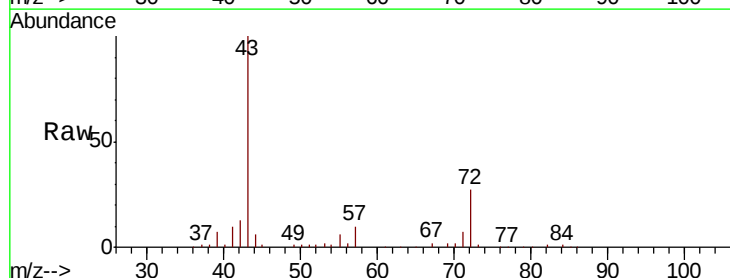


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

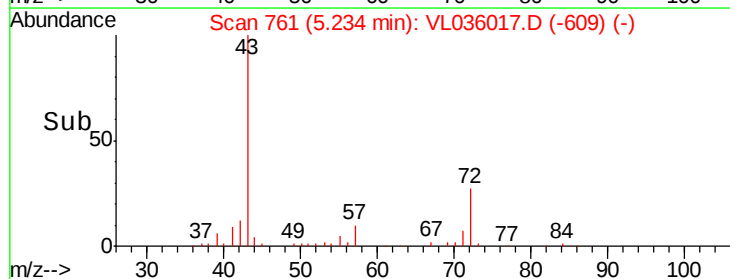
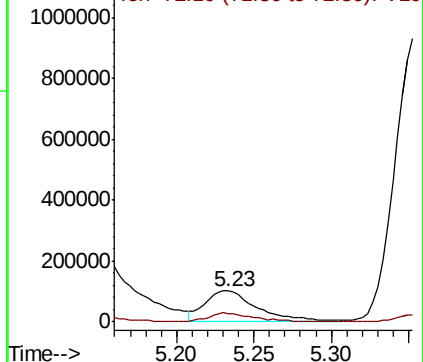


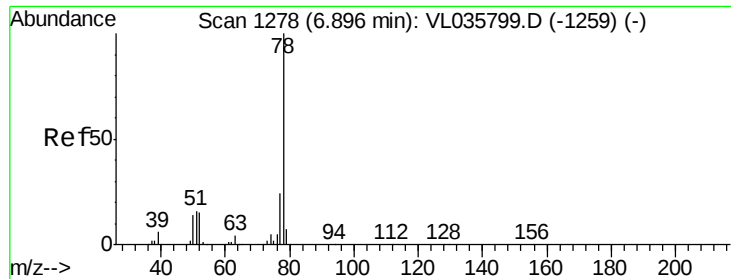
#34
 2-Butanone
 Concen: 1.390 ppbv
 RT: 5.23 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Tgt Ion: 43 Resp: 230402
 Ion Ratio Lower Upper
 43 100
 72 27.0 26.5 39.7



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#36

Benzene

Concen: 0.448 ppbv

RT: 6.87 min Scan# 1270

Delta R.T. -0.03 min

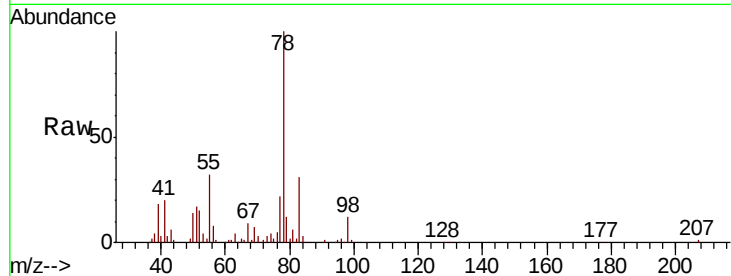
Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :
MSVOA_L
ClientSampled :

Tot Ion: 78 Resp: 170256

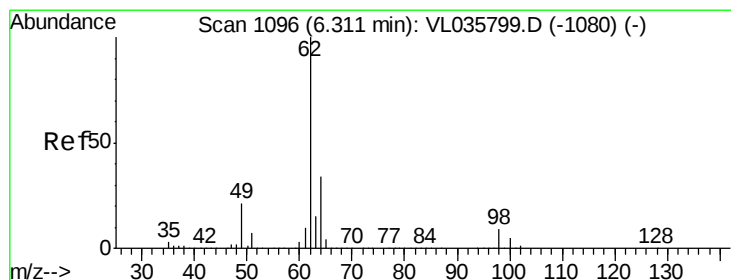
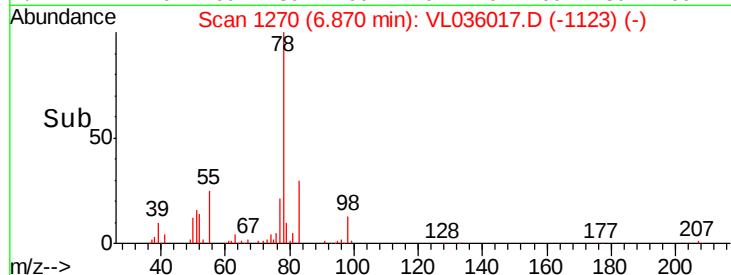
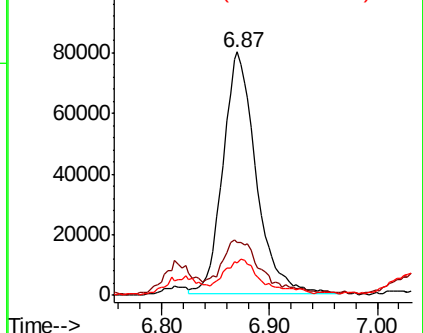
Ion	Ratio	Lower	Upper
78	100		
77	20.5	19.3	28.9
50	12.8	11.4	17.2



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



#37

1,2-Dichloroethane

Concen: 0.150 ppbv

RT: 6.30 min Scan# 1094

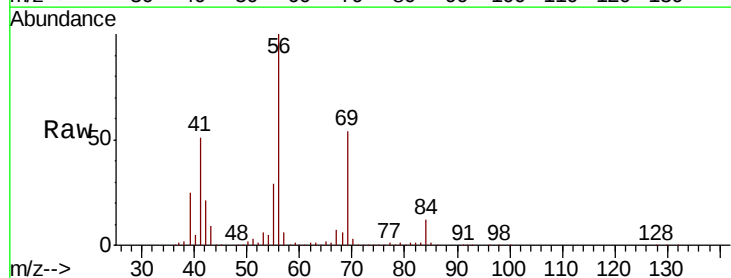
Delta R.T. -0.01 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

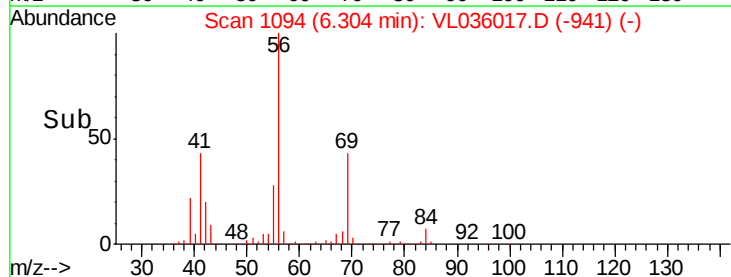
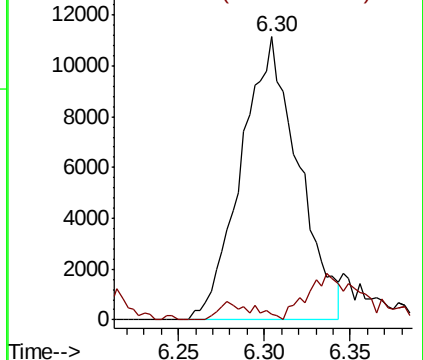
Tgt Ion: 62 Resp: 25728

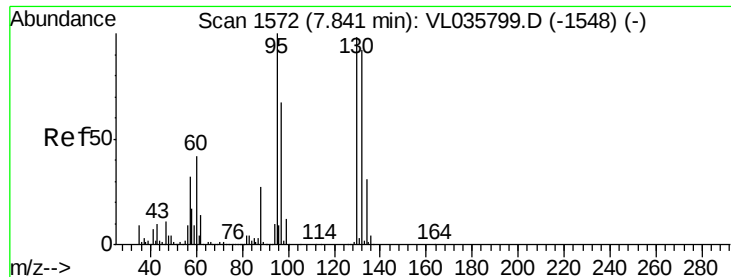
Ion	Ratio	Lower	Upper
62	100		
98	3.7	6.9	10.3#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

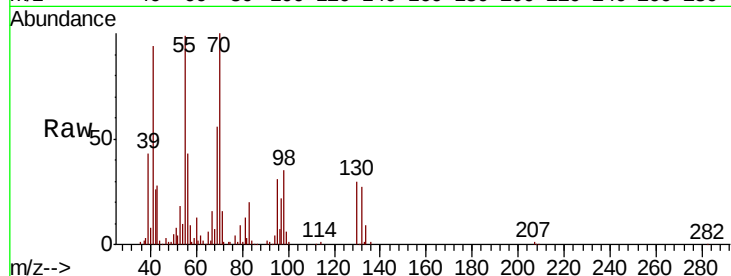




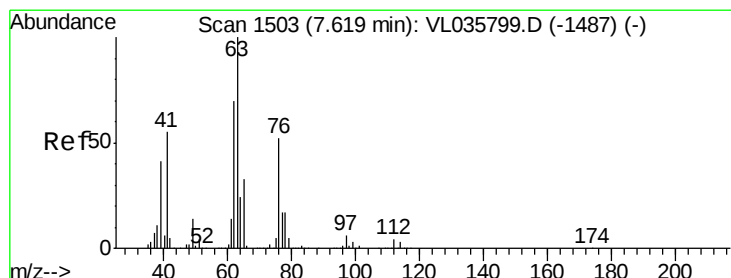
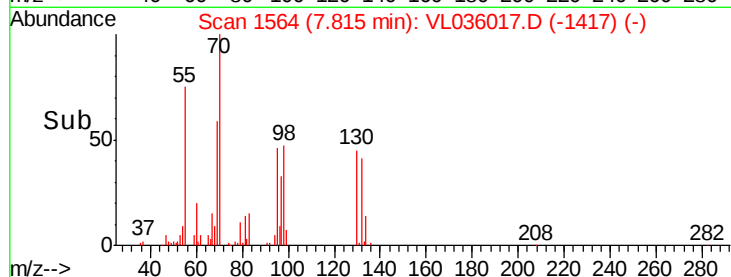
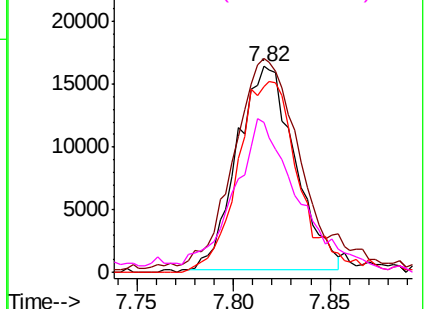
#38
 Trichloroethene
 Concen: 0.181 ppbv
 RT: 7.82 min Scan# 1564
 Delta R.T. -0.03 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:130 Resp: 33601
 Ion Ratio Lower Upper
 130 100
 95 99.8 81.6 122.4
 132 90.5 75.1 112.7
 97 65.3 54.6 81.8

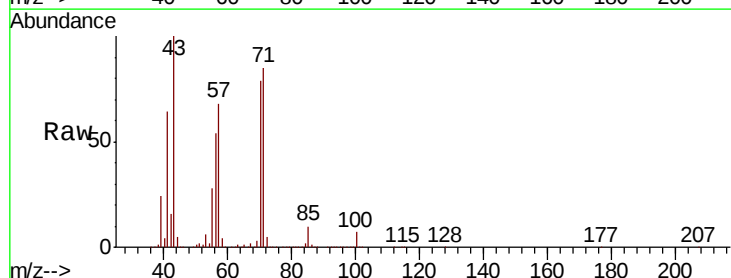


Abundance Ion 130.00 (129.70 to 130.70): V
 Ion 95.00 (94.70 to 95.70): VL0
 Ion 132.00 (131.70 to 132.70): V
 Ion 97.00 (96.70 to 97.70): VL0

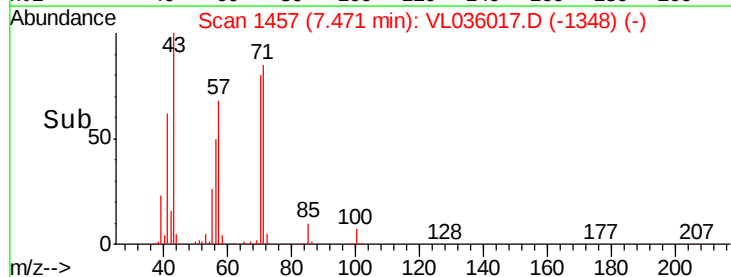
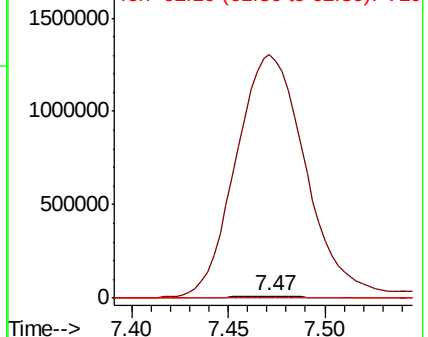


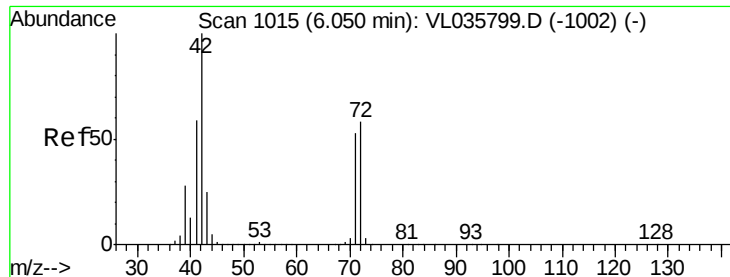
#39
 1,2-Dichloropropane
 Concen: 0.174 ppbv
 RT: 7.47 min Scan# 1457
 Delta R.T. -0.15 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Tgt Ion: 63 Resp: 22288
 Ion Ratio Lower Upper
 63 100
 41 12737.5 43.8 65.6#
 62 44.9 56.2 84.2#



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: 0.420 ppbv

RT: 5.97 min Scan# 989

Delta R.T. -0.08 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

ClientSampled :

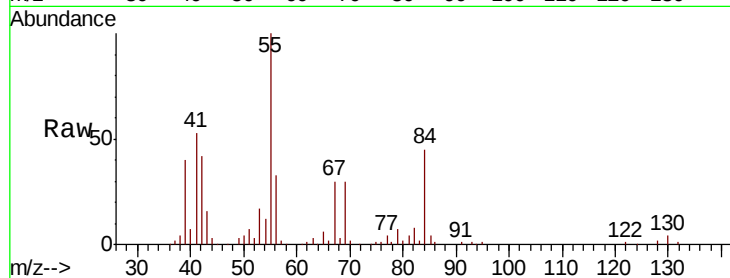
Tot Ion: 42 Resp: 39591

Ion Ratio Lower Upper

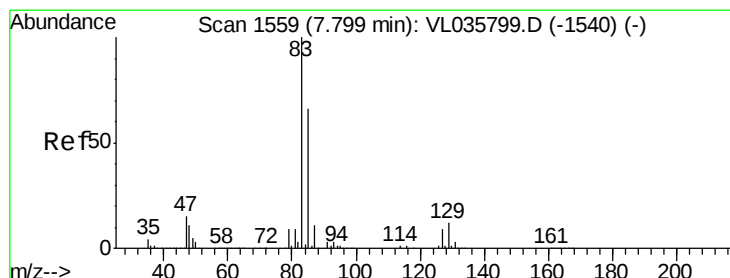
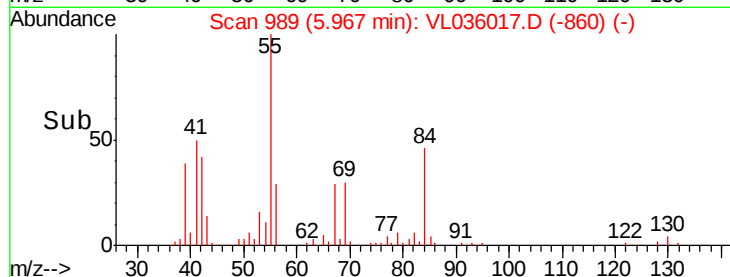
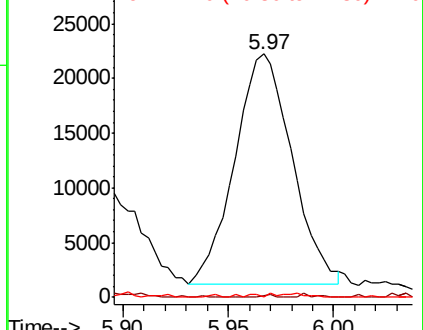
42 100

72 4.9 45.4 68.0#

71 0.0 43.4 65.2#



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: 0.649 ppbv

RT: 7.78 min Scan# 1554

Delta R.T. -0.02 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

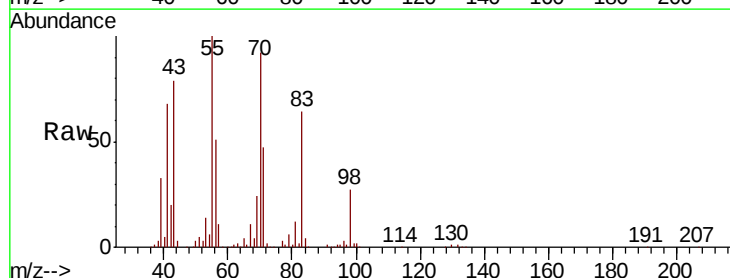
Tgt Ion: 83 Resp: 188283

Ion Ratio Lower Upper

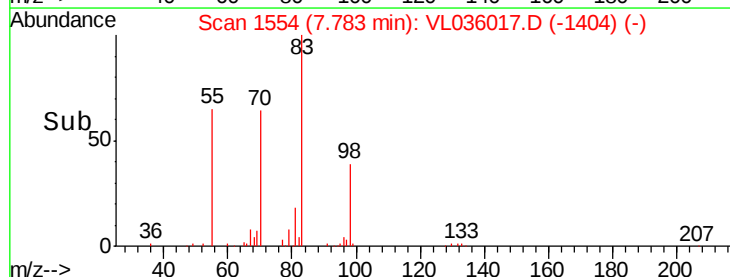
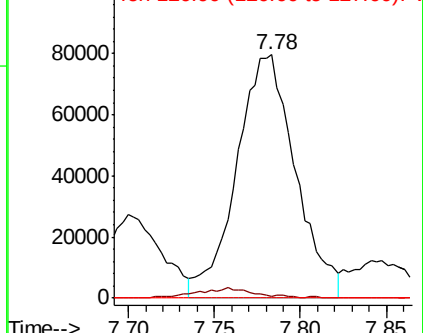
83 100

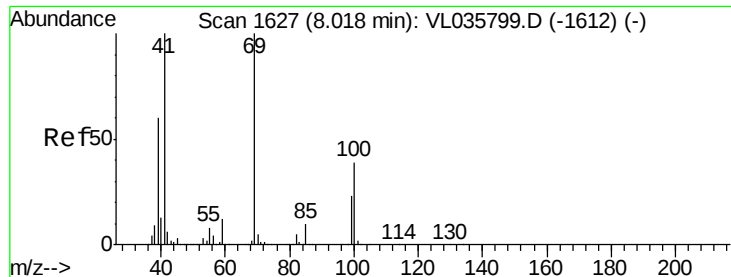
85 0.5 53.1 79.7#

127 0.0 7.3 10.9#



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): V

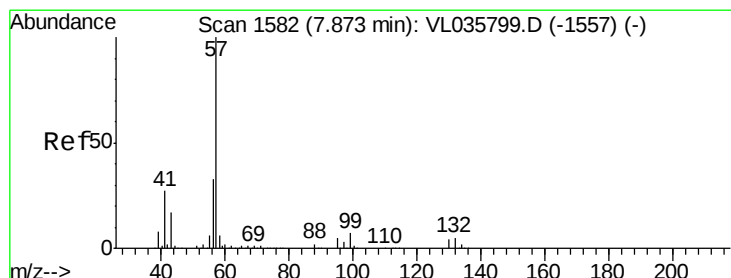
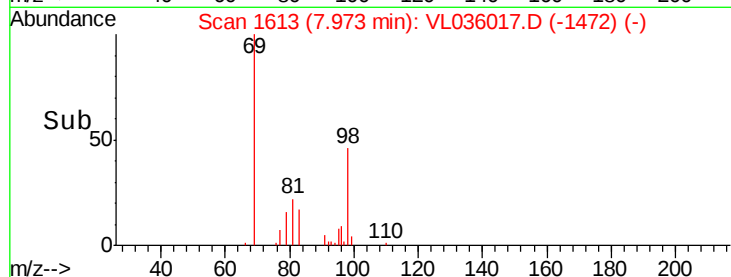
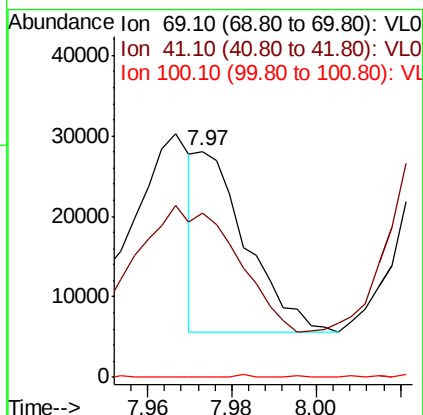
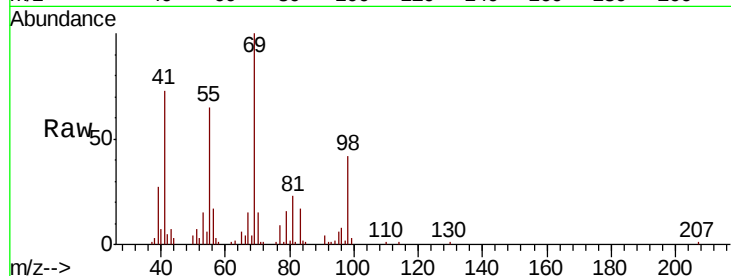




#43
Methyl Methacrylate
Concen: 0.125 ppbv
RT: 7.97 min Scan# 1613
Delta R.T. -0.05 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

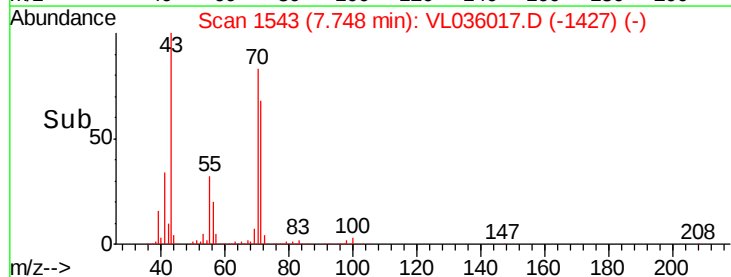
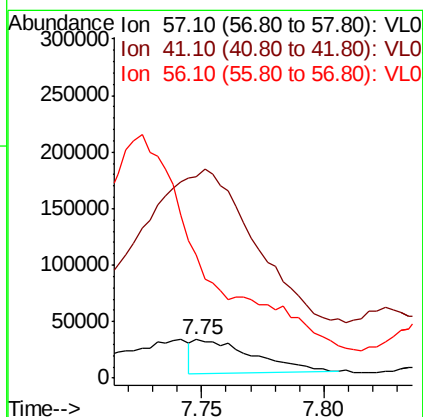
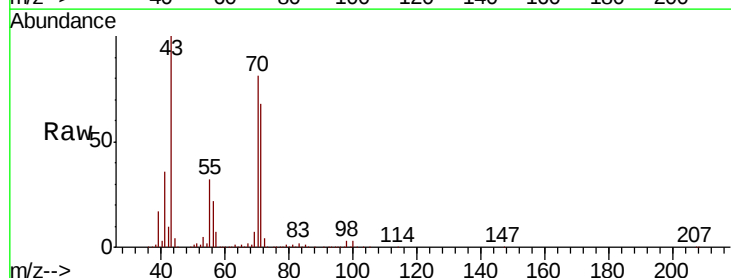
Instrument :
MSVOA_L
ClientSampleId :

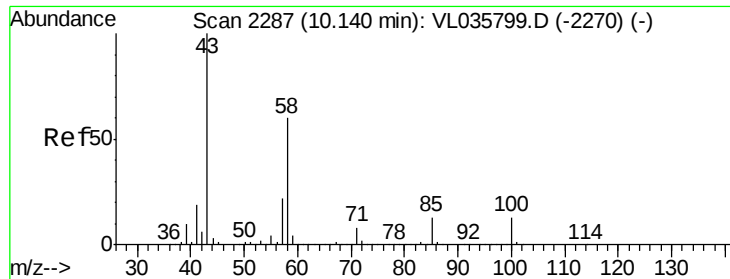
Tot Ion: 69 Resp: 18111
Ion Ratio Lower Upper
69 100
41 0.0 81.1 121.7#
100 0.0 31.0 46.4#



#44
2,2,4-Trimethylpentane
Concen: 0.105 ppbv
RT: 7.75 min Scan# 1543
Delta R.T. -0.13 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion: 57 Resp: 52539
Ion Ratio Lower Upper
57 100
41 1559.1 21.0 31.4#
56 0.0 25.4 38.0#

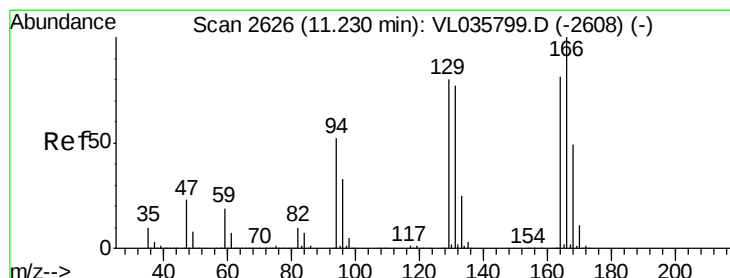
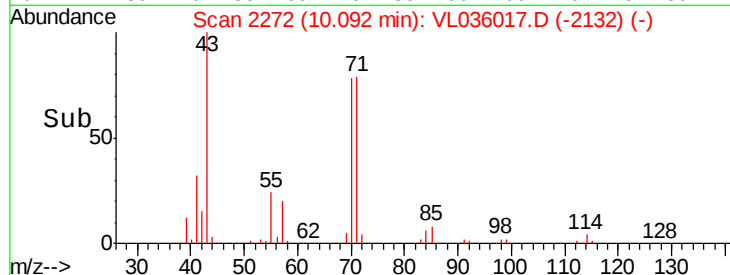
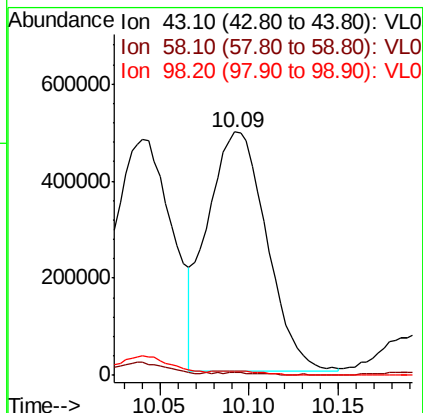
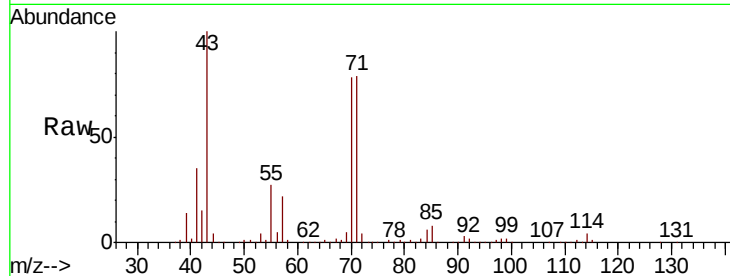




#51
2-Hexanone
Concen: 5.554 ppbv
RT: 10.09 min Scan# 2272
Delta R.T. -0.05 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

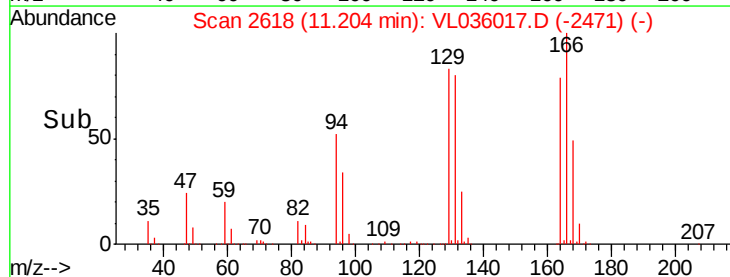
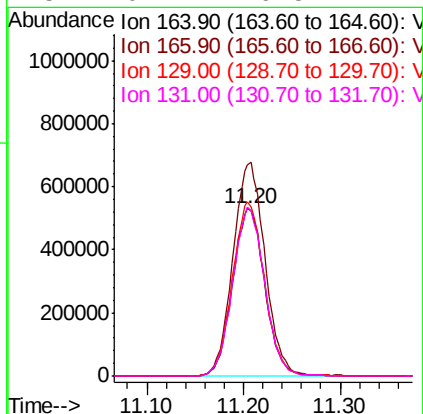
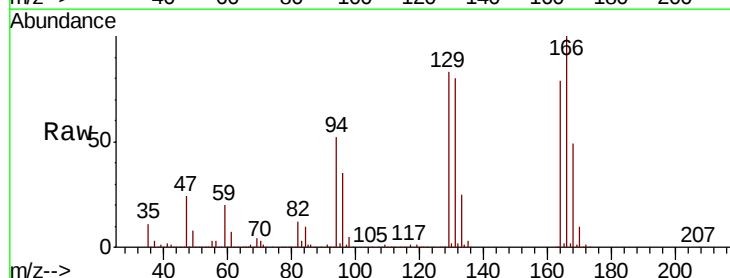
Instrument :
MSVOA_L
ClientSampleId :

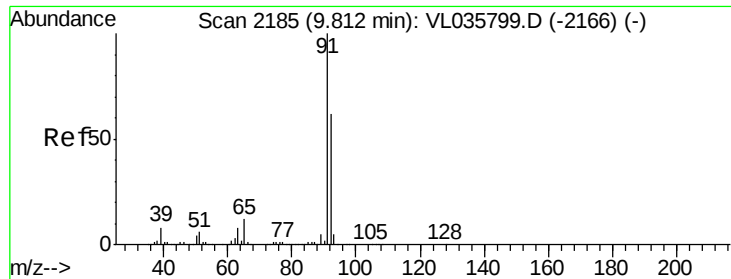
Tot Ion: 43 Resp: 1130934
Ion Ratio Lower Upper
43 100
58 0.0 48.3 72.5#
98 0.0 0.6 0.8#



#52
Tetrachloroethene
Concen: 6.810 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.03 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion:164 Resp: 1225111
Ion Ratio Lower Upper
164 100
166 125.9 99.3 148.9
129 104.1 79.3 118.9
131 101.1 76.5 114.7





#53

Toluene

Concen: 40.626 ppbv

RT: 9.79 min Scan# 2179

Delta R.T. -0.02 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

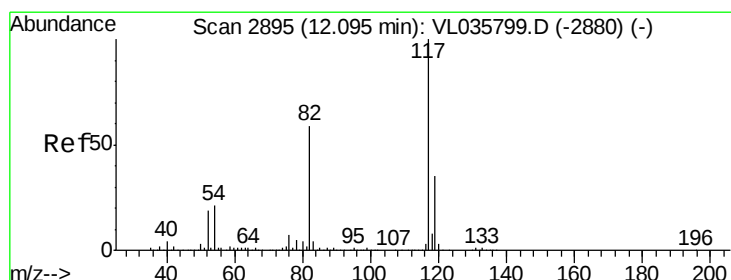
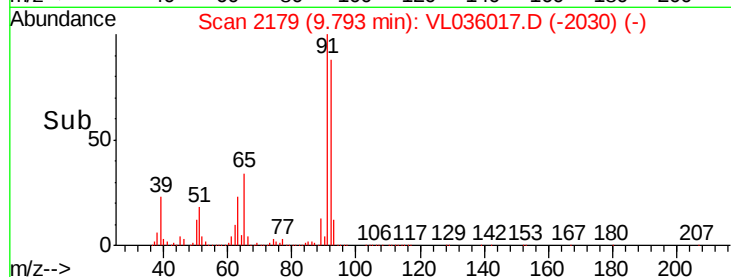
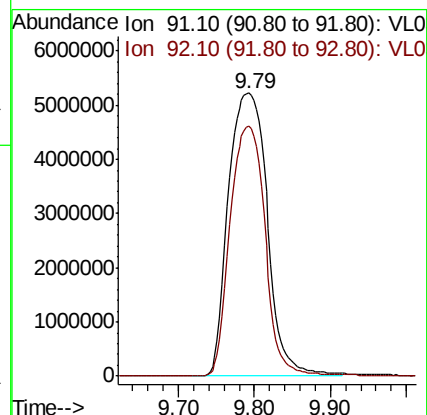
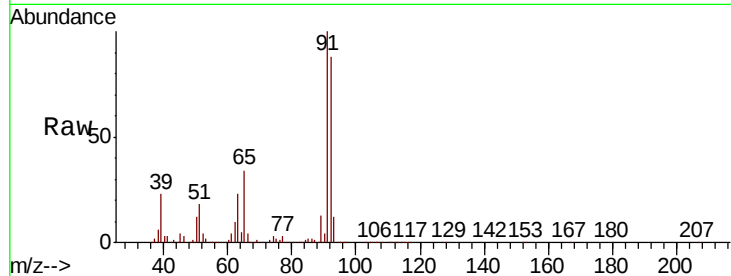
ClientSampleId :

Tot Ion: 91 Resp:18615044

Ion Ratio Lower Upper

91 100

92 79.8 49.8 74.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

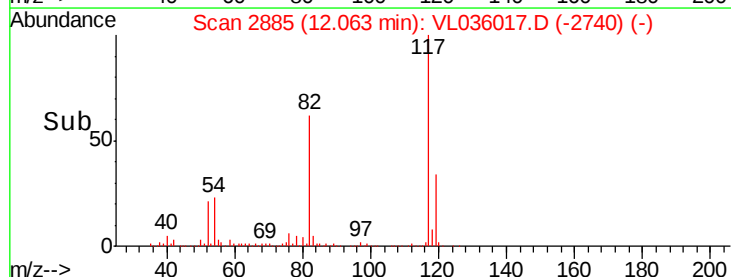
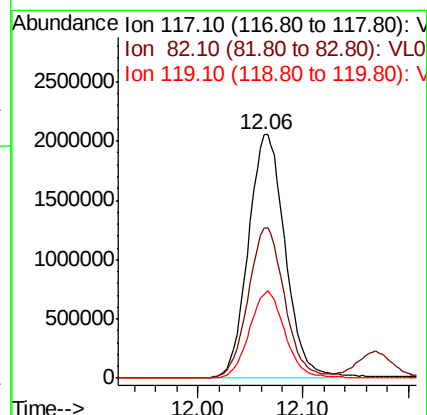
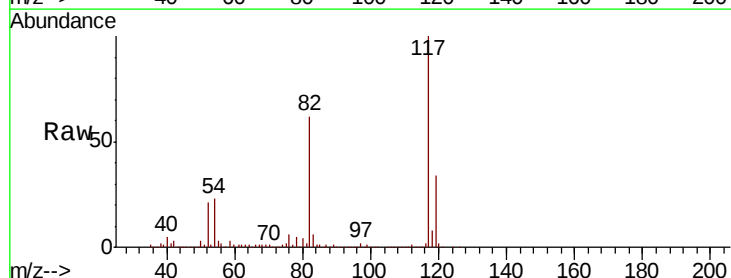
Tgt Ion:117 Resp: 4991211

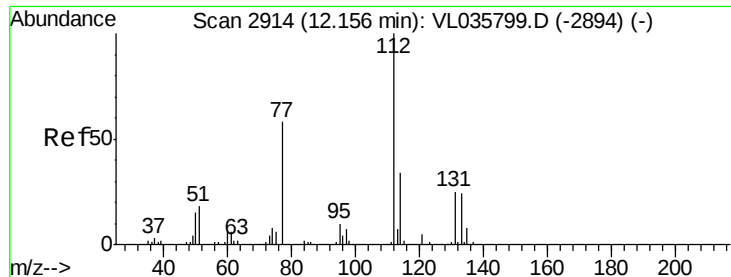
Ion Ratio Lower Upper

117 100

82 61.3 50.6 76.0

119 34.8 52.6 78.8#

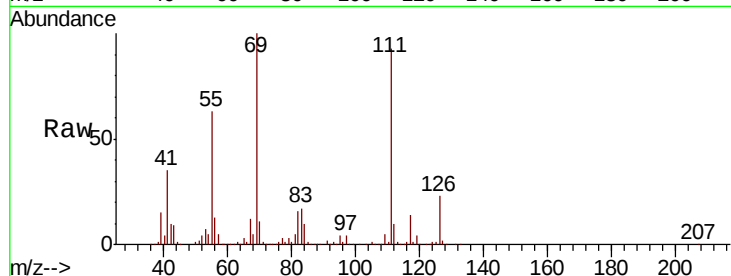




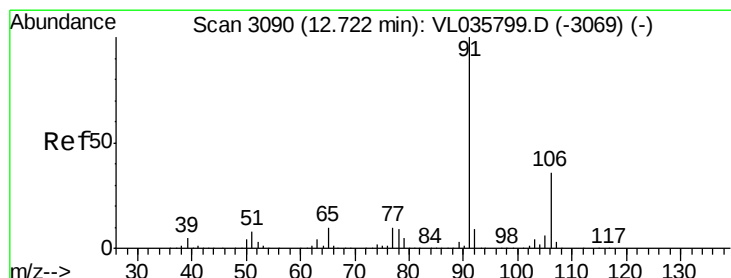
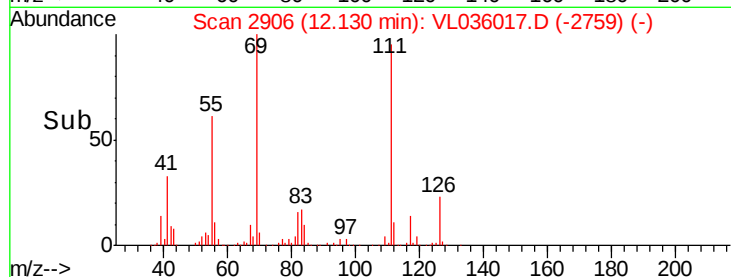
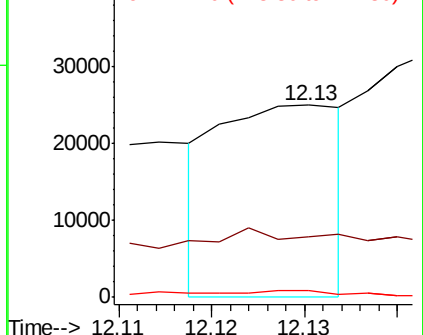
#57
Chlorobenzene
Concen: 0.058 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.03 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:112 Resp: 23098
Ion Ratio Lower Upper
112 100
77 10.1 47.5 71.3#
114 8.5 30.3 37.1#

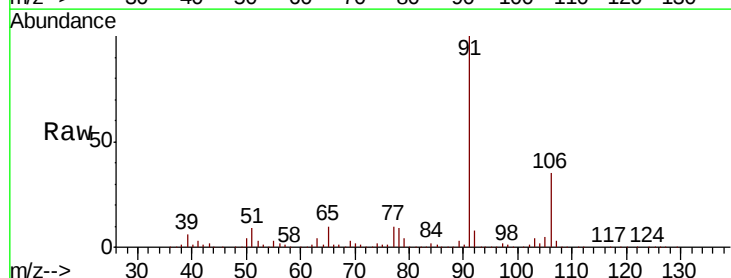


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

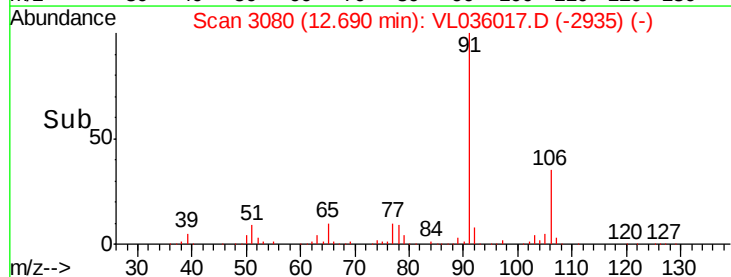
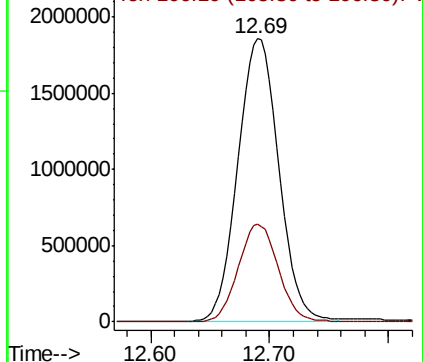


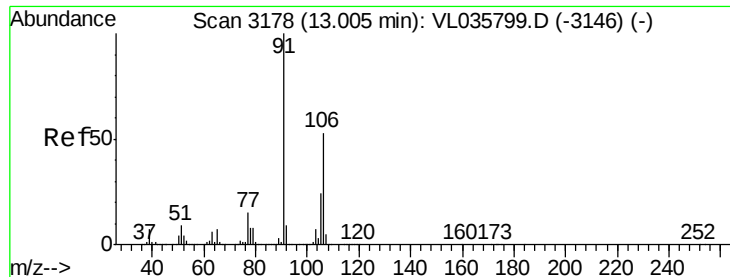
#58
Ethyl Benzene
Concen: 7.278 ppbv
RT: 12.69 min Scan# 3080
Delta R.T. -0.03 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion: 91 Resp: 4424167
Ion Ratio Lower Upper
91 100
106 34.8 28.6 43.0



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

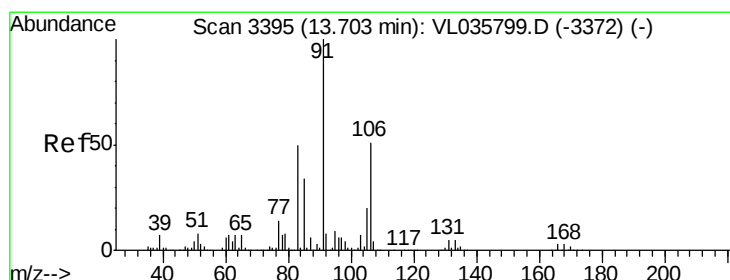
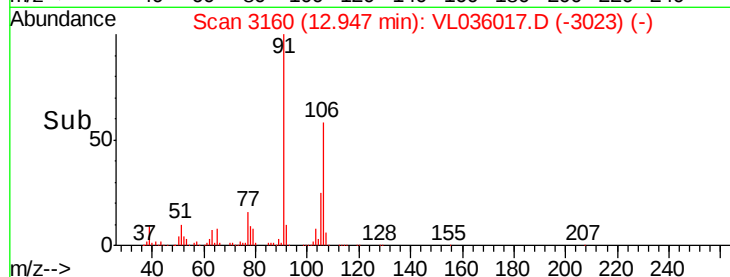
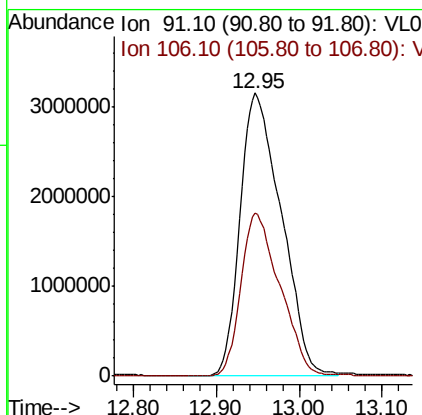
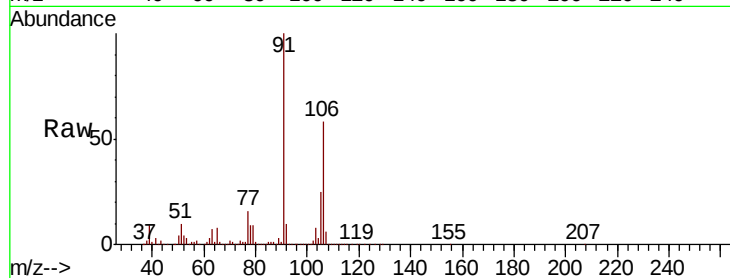




#59
m/p-Xylene
Concen: 21.124 ppbv
RT: 12.95 min Scan# 3160
Delta R.T. -0.06 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

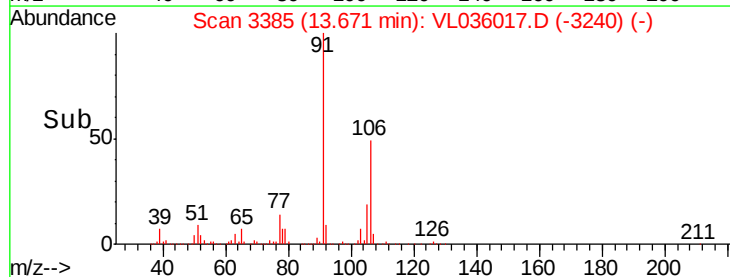
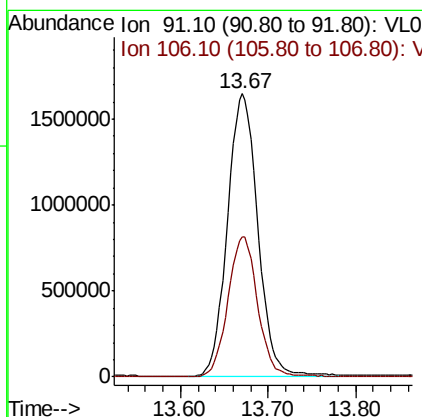
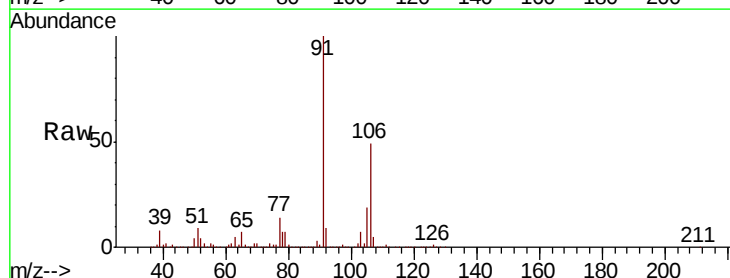
Instrument :
MSVOA_L
ClientSampleId :

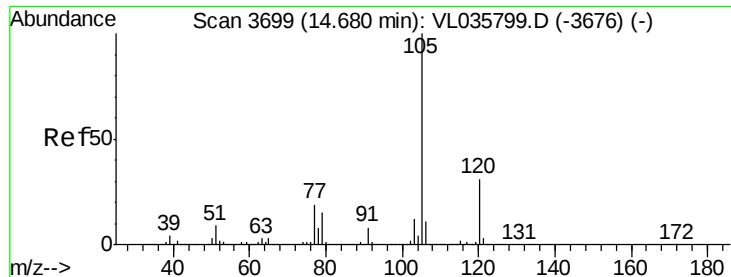
Tot Ion: 91 Resp:10864607
Ion Ratio Lower Upper
91 100
106 55.2 39.5 59.3



#60
o-Xylene
Concen: 7.876 ppbv
RT: 13.67 min Scan# 3385
Delta R.T. -0.03 min
Lab File: VL036017.D
Acq: 25 Nov 2020 6:09

Tgt Ion: 91 Resp: 3940319
Ion Ratio Lower Upper
91 100
106 49.1 24.8 74.4





#62

Isopropylbenzene

Concen: 0.089 ppbv

RT: 14.64 min Scan# 3688

Delta R.T. -0.04 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

Instrument :

MSVOA_L

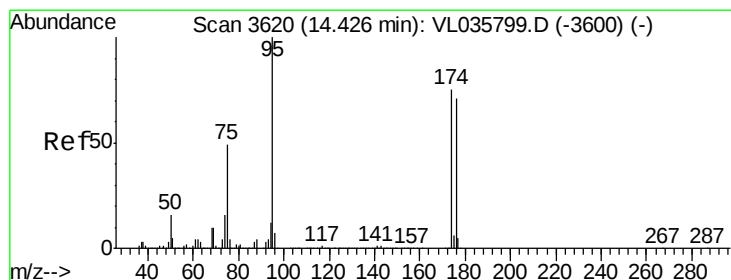
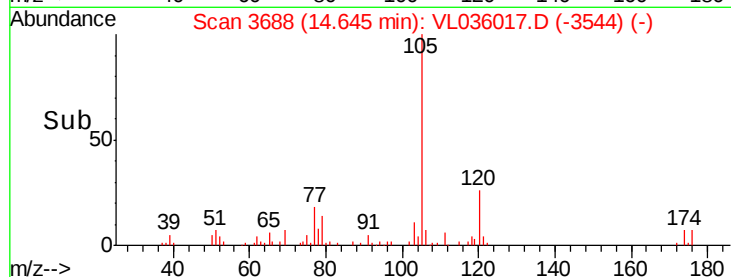
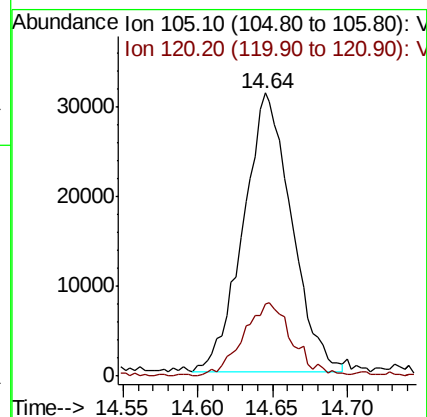
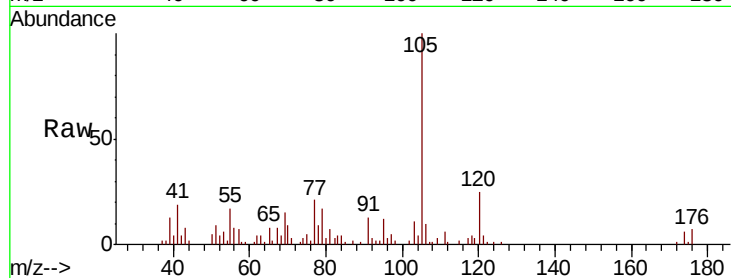
ClientSampleId :

Tot Ion: 105 Resp: 70103

Ion Ratio Lower Upper

105 100

120 27.1 23.5 35.3



#68

1-Bromo-4-Fluorobenzene

Concen: 11.048 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL036017.D

Acq: 25 Nov 2020 6:09

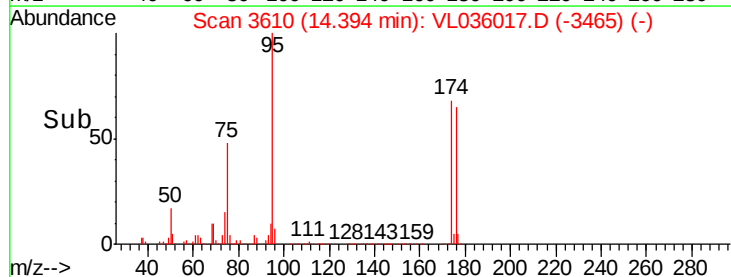
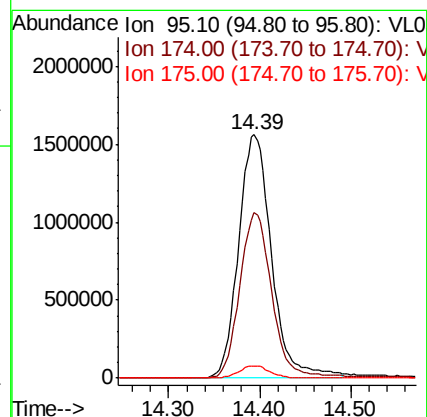
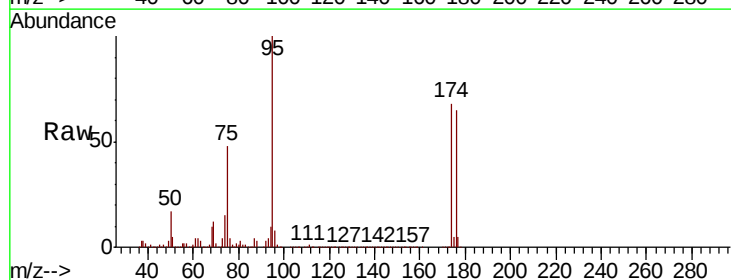
Tgt Ion: 95 Resp: 3917782

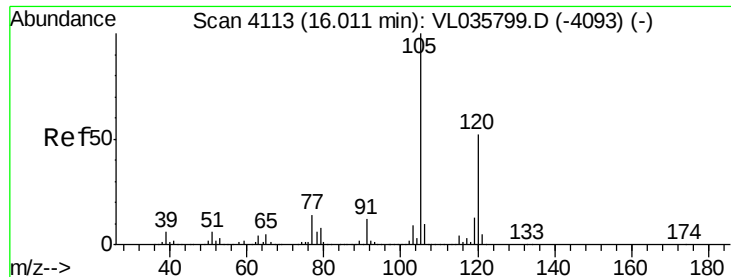
Ion Ratio Lower Upper

95 100

174 67.9 59.8 89.6

175 4.8 4.3 6.5

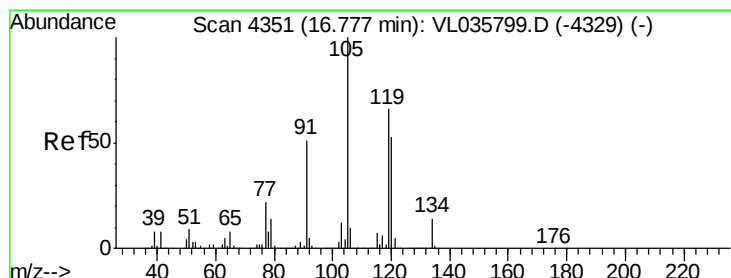
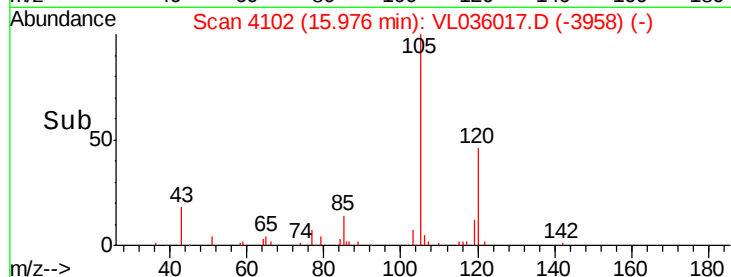
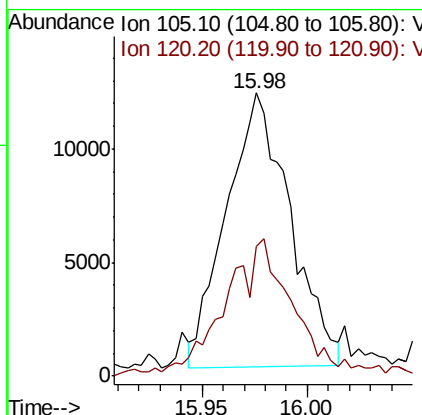
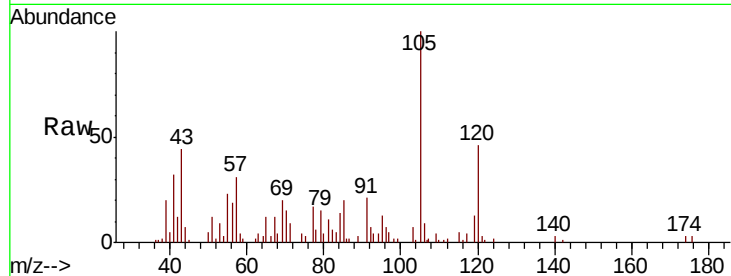




#73
 1,3,5-Trimethylbenzene
 Concen: 0.045 ppbv
 RT: 15.98 min Scan# 4102
 Delta R.T. -0.04 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:105 Resp: 25226
 Ion Ratio Lower Upper
 105 100
 120 48.2 41.4 62.2



#74
 1,2,4-Trimethylbenzene
 Concen: 0.067 ppbv
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.04 min
 Lab File: VL036017.D
 Acq: 25 Nov 2020 6:09

Tgt Ion:105 Resp: 40067
 Ion Ratio Lower Upper
 105 100
 120 41.8 42.0 63.0#
 91 10.2 41.0 61.6#
 77 12.3 17.3 25.9#

