

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036582.D
 Acq On : 30 Mar 2021 23:07
 Operator : SY/AP
 Sample : M1797-08 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 05:17:53 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	5.65	49	1359023	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3252057	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2941532	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.40	95	2306118	9.84	ppbv	-0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%	

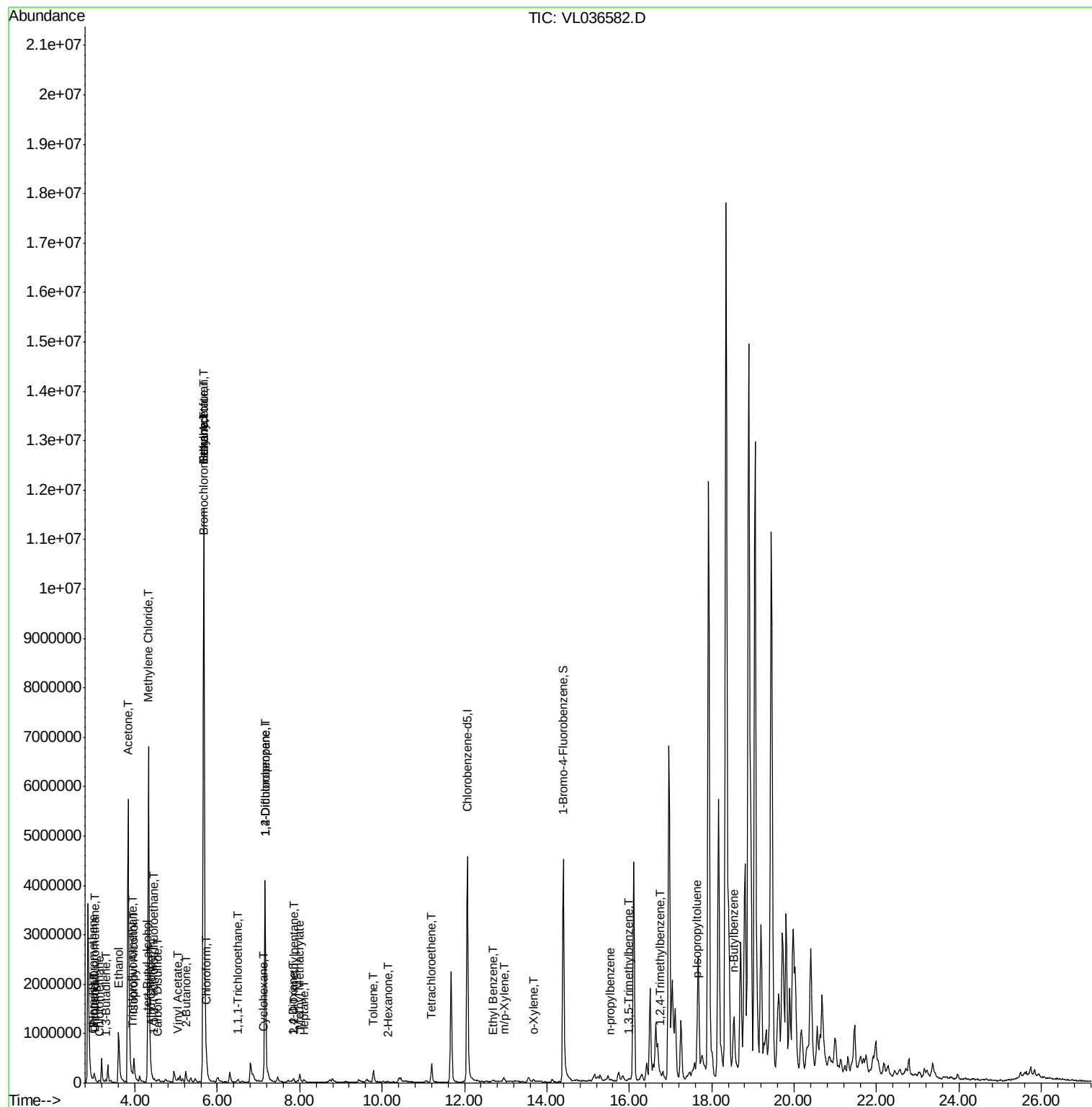
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	51017	0.230	ppbv	91
3) Chlorodifluoromethane	2.98	51	111456	0.439	ppbv #	87
4) Chloromethane	3.13	50	33809	0.377	ppbv	99
9) Propene	3.01	41	34268	0.423	ppbv #	58
10) Heptane	8.10	43	6774	0.033	ppbv #	28
11) Trichlorofluoromethane	3.94	101	54585	0.242	ppbv	91
12) 1,1,2-Trichlorotrifluoroet	4.47	101	4366	0.030	ppbv #	11
13) Ethanol	3.61	45	1367023	141.815	ppbv	95
15) Acetone	3.83	43	8085671	60.449	ppbv	100
16) 1,3-Butadiene	3.31	39	4479	0.048	ppbv #	1
17) tert-Butyl alcohol	4.29	59	139785	1.200	ppbv #	94
19) Isopropyl Alcohol	3.97	45	543693	7.389	ppbv #	1
20) Methylene Chloride	4.33	84	2731214	43.611	ppbv	93
21) Allyl Chloride	4.41	41	3313	0.031	ppbv #	81
23) Vinyl Acetate	5.05	43	20484	0.090	ppbv #	73
25) Ethyl Acetate	5.67	43	3898354	12.259	ppbv #	78
26) Hexane	5.67	57	5182879	35.121	ppbv #	47
27) Carbon Disulfide	4.53	76	17597	0.121	ppbv #	58
29) Chloroform	5.74	83	108837	0.461	ppbv	93
30) Cyclohexane	7.11	84	4040	0.034	ppbv #	1
32) 1,1,1-Trichloroethane	6.49	97	28699	0.121	ppbv #	65
34) 2-Butanone	5.23	43	284365	1.791	ppbv	99
39) 1,2-Dichloropropane	7.16	63	907536	7.459	ppbv #	22
40) 1,4-Dioxane	7.82	88	1642	0.058	ppbv #	1
41) Tetrahydrofuran	5.67	42	2104086	28.747	ppbv #	54
43) Methyl Methacrylate	8.00	69	39889	0.396	ppbv #	25
44) 2,2,4-Trimethylpentane	7.85	57	33484	0.063	ppbv #	58
51) 2-Hexanone	10.12	43	6033	0.052	ppbv #	1
52) Tetrachloroethene	11.20	164	85416	0.773	ppbv	87
53) Toluene	9.79	91	150906	0.472	ppbv	97
58) Ethyl Benzene	12.69	91	17773	0.042	ppbv	89
59) m/p-Xylene	12.98	91	28424	0.076	ppbv #	32
60) o-Xylene	13.67	91	31865	0.088	ppbv	91
64) n-propylbenzene	15.54	120	2633	0.022	ppbv #	1
69) p-Isopropyltoluene	17.63	119	25171	0.054	ppbv #	41
70) n-Butylbenzene	18.53	91	14719	0.031	ppbv #	1
73) 1,3,5-Trimethylbenzene	15.98	105	15937	0.043	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.74	105	85923	0.218	ppbv #	65

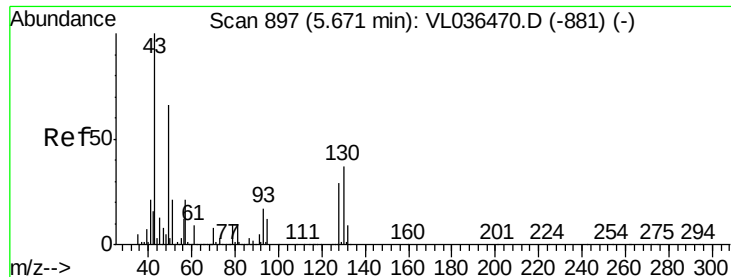
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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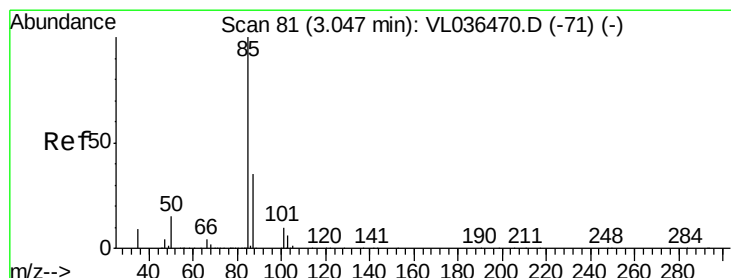
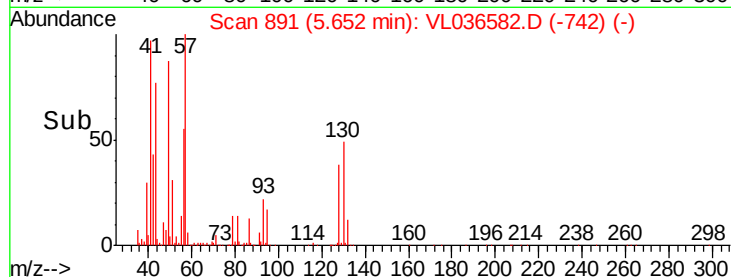
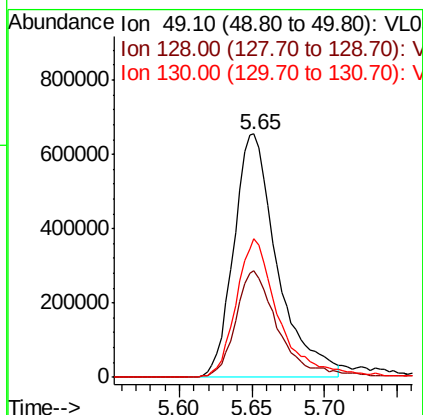
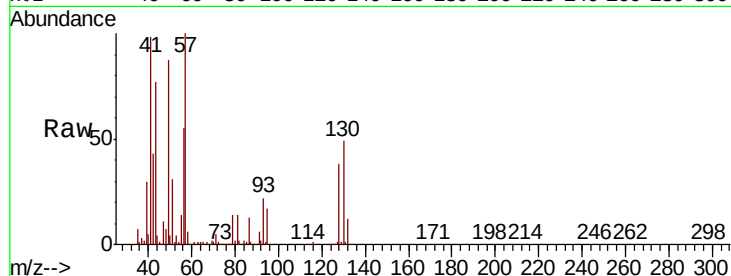




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

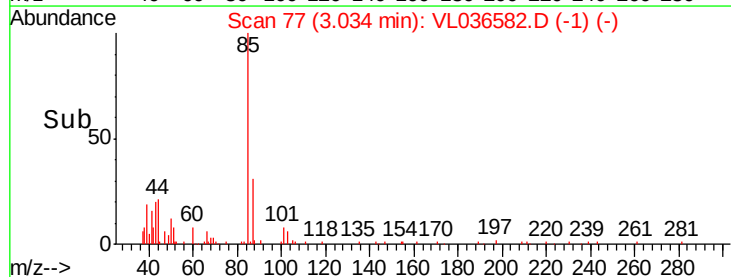
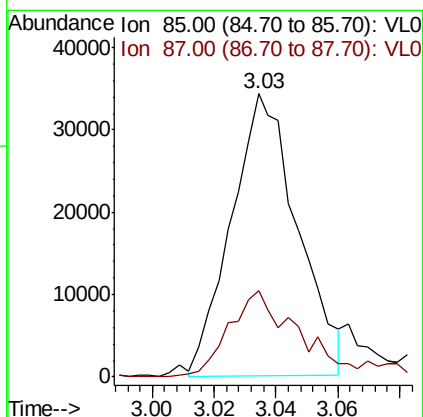
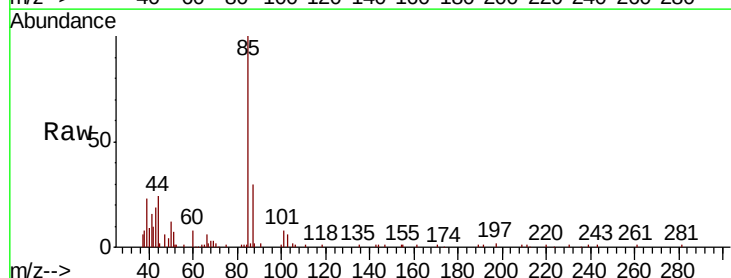
Instrument :
 MSVOA_L
 ClientSampleId :

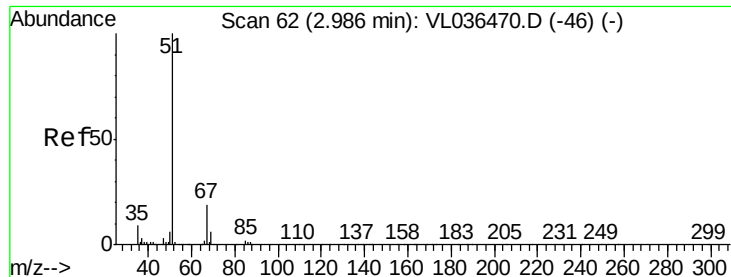
Tot Ion: 49 Resp: 1359023
 Ion Ratio Lower Upper
 49 100
 128 44.3 23.5 70.6
 130 57.7 29.1 87.4



#2
 Dichlorodifluoromethane
 Concen: 0.230 ppbv
 RT: 3.03 min Scan# 77
 Delta R.T. -0.01 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion: 85 Resp: 51017
 Ion Ratio Lower Upper
 85 100
 87 29.8 27.8 41.8

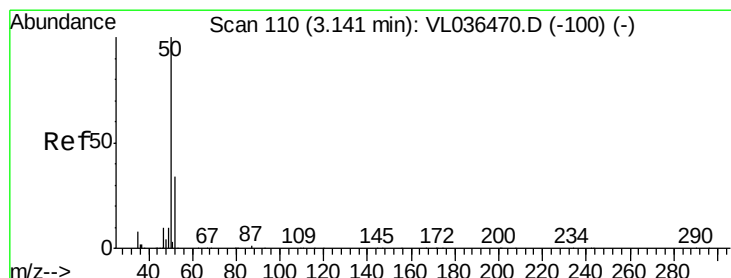
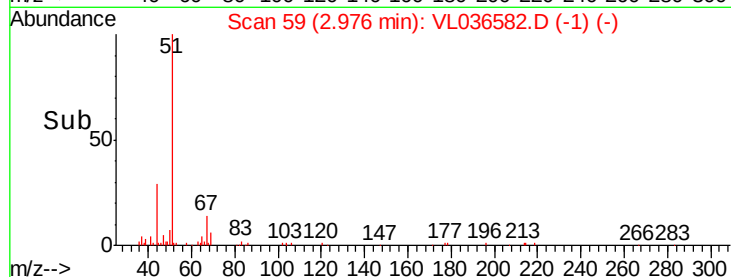
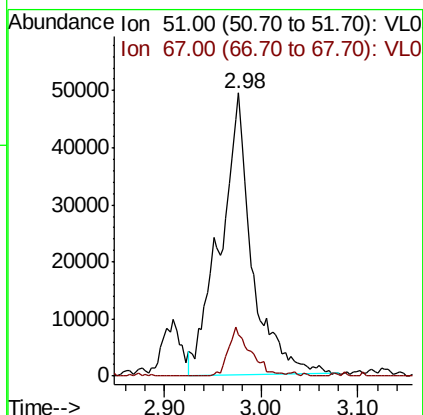
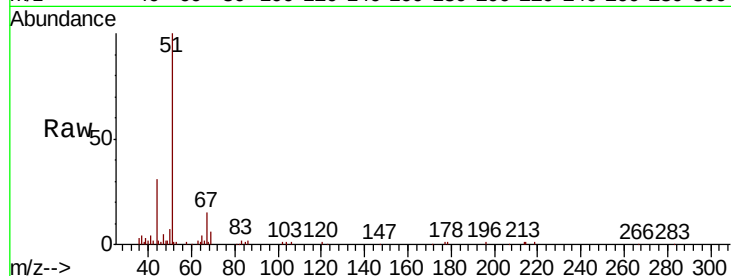




#3
Chlorodifluoromethane
Concen: 0.439 ppbv
RT: 2.98 min Scan# 59
Delta R.T. -0.01 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

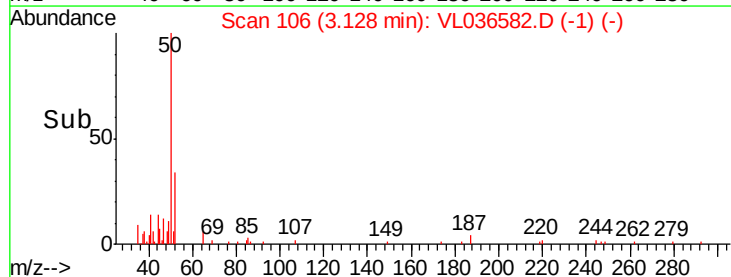
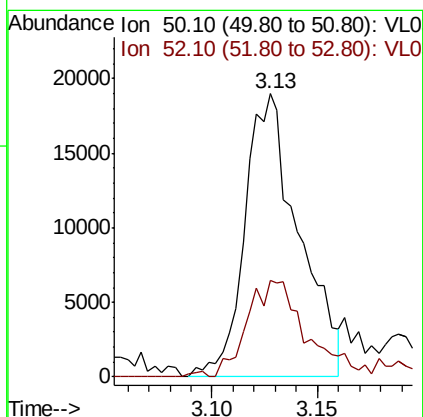
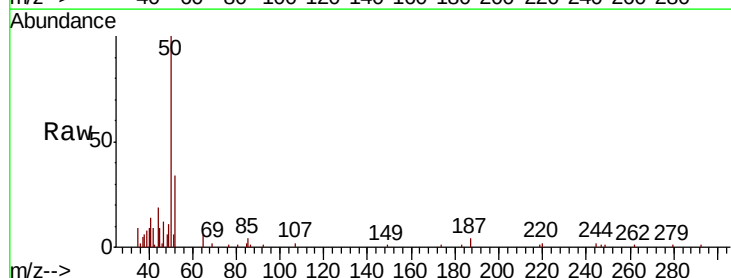
Instrument :
MSVOA_L
ClientSampleId :

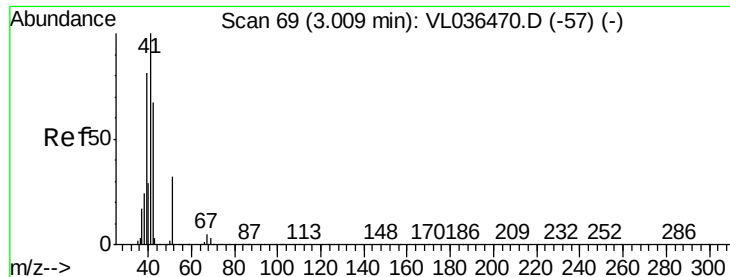
Tot Ion: 51 Resp: 111456
Ion Ratio Lower Upper
51 100
67 12.8 14.7 22.1#



#4
Chloromethane
Concen: 0.377 ppbv
RT: 3.13 min Scan# 106
Delta R.T. -0.01 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 50 Resp: 33809
Ion Ratio Lower Upper
50 100
52 33.1 27.0 40.6

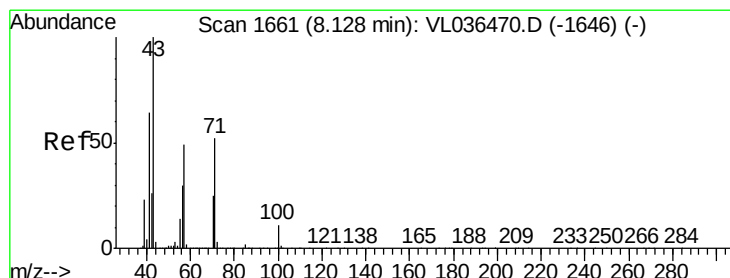
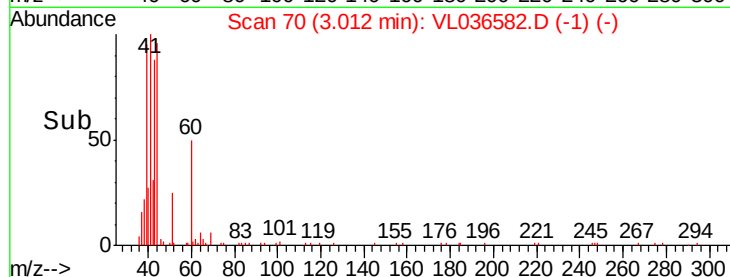
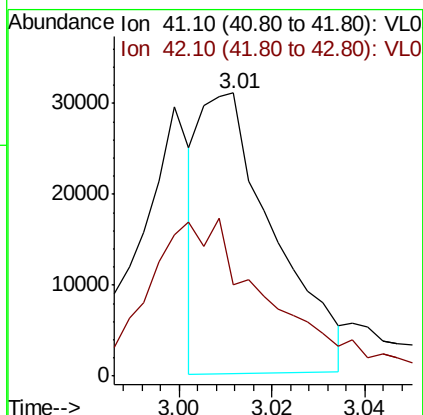
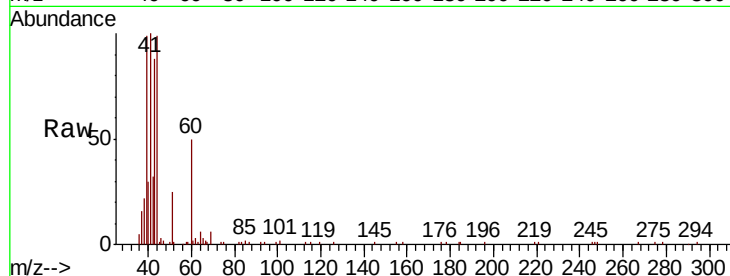




#9
 Propene
 Concen: 0.423 ppbv
 RT: 3.01 min Scan# 70
 Delta R.T. 0.00 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

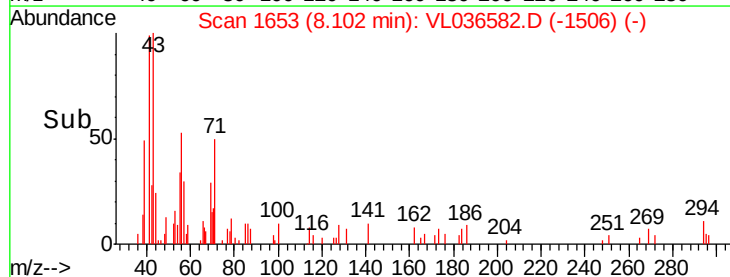
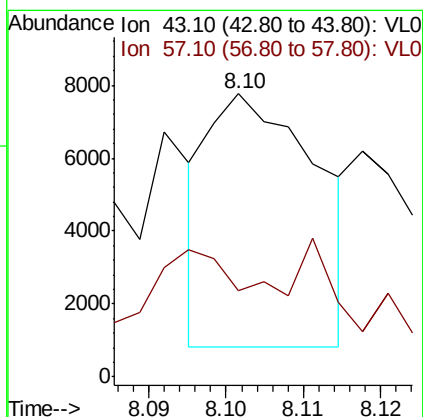
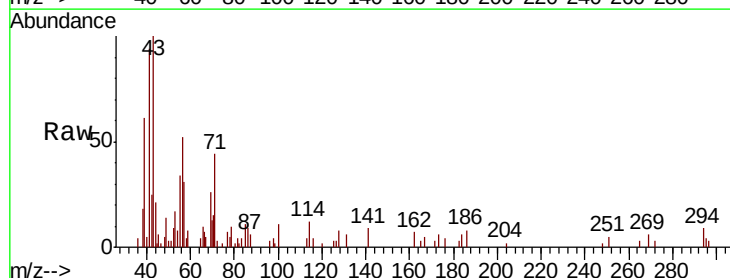
Instrument :
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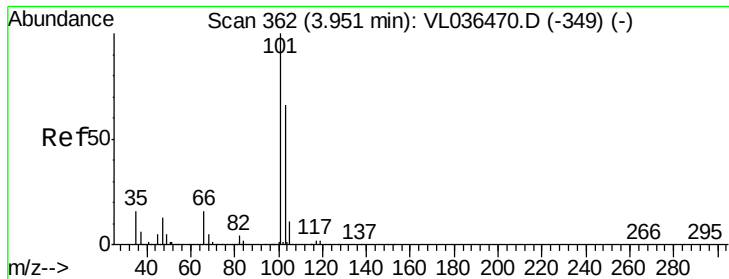
Tot Ion: 41 Resp: 34268
 Ion Ratio Lower Upper
 41 100
 42 106.3 57.0 85.4#



#10
 Heptane
 Concen: 0.033 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T. -0.03 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion: 43 Resp: 6774
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.0 58.6#

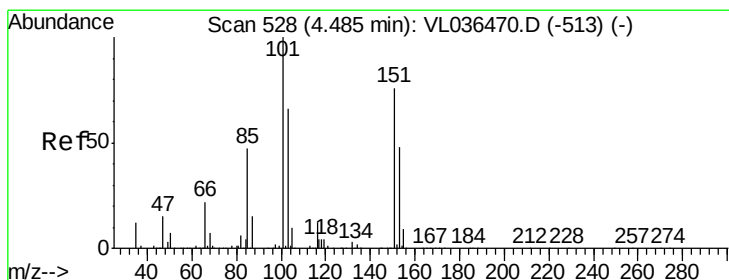
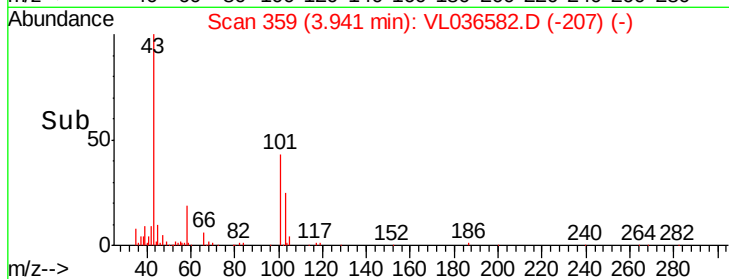
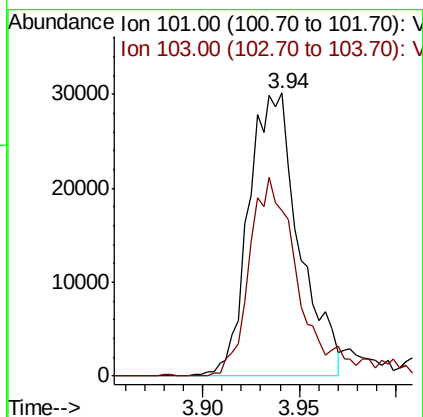
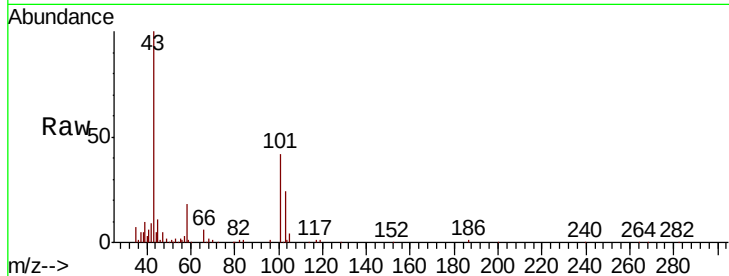




#11
 Trichlorofluoromethane
 Concen: 0.242 ppbv
 RT: 3.94 min Scan# 359
 Delta R.T. -0.01 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

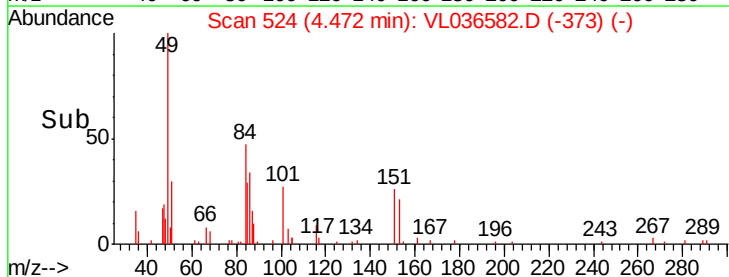
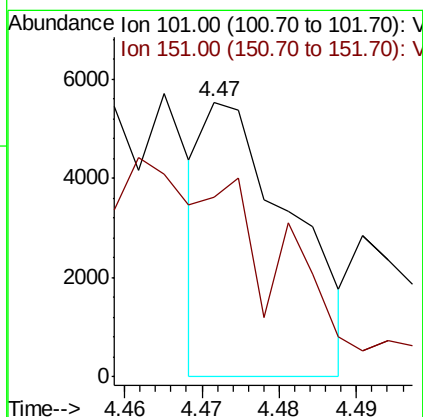
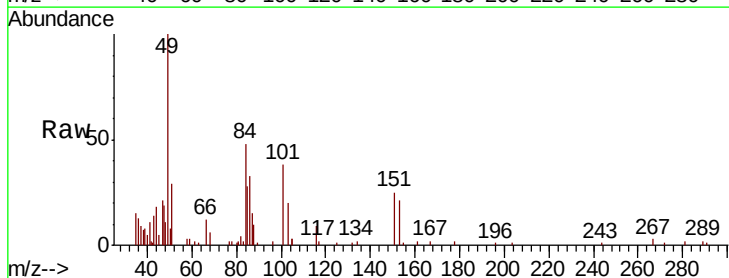
Instrument :
 MSVOA_L
 ClientSampleId :

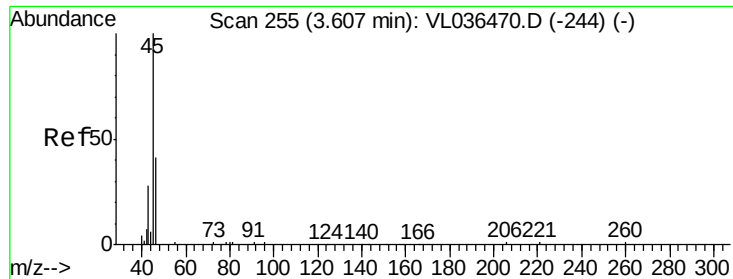
Tot Ion:101 Resp: 54585
 Ion Ratio Lower Upper
 101 100
 103 58.3 52.5 78.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.030 ppbv
 RT: 4.47 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion:101 Resp: 4366
 Ion Ratio Lower Upper
 101 100
 151 0.0 60.9 91.3#

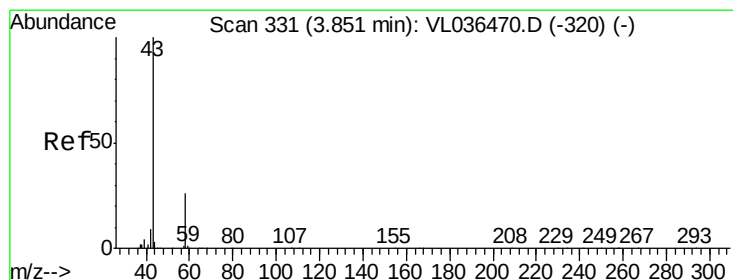
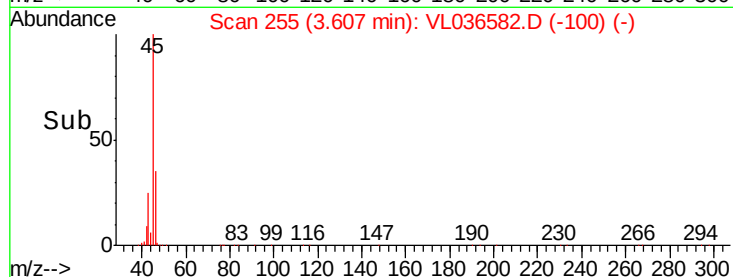
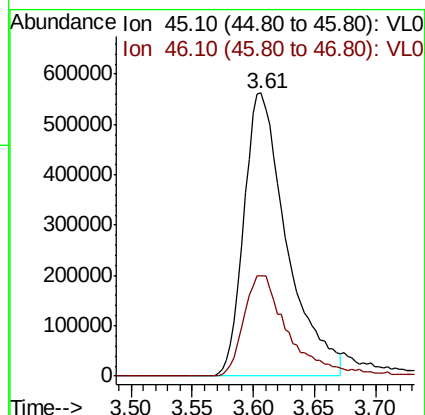
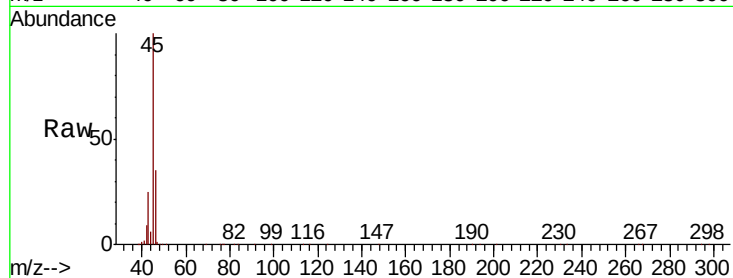




#13
Ethanol
Concen: 141.815 ppbv
RT: 3.61 min Scan# 255
Delta R.T. -0.00 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

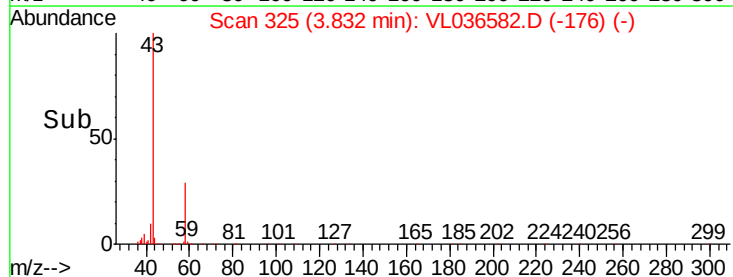
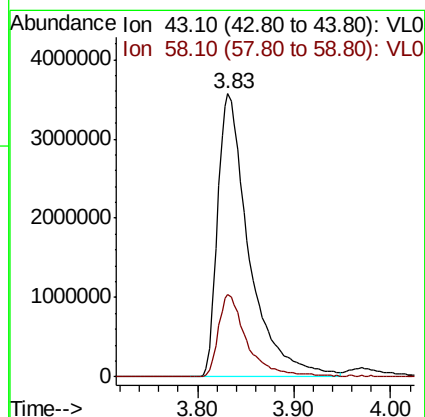
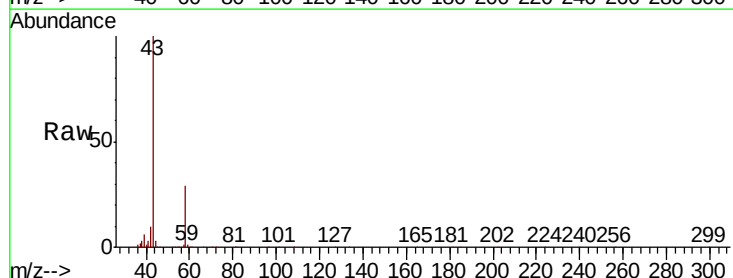
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MSVOA_L
ClientSampleId :

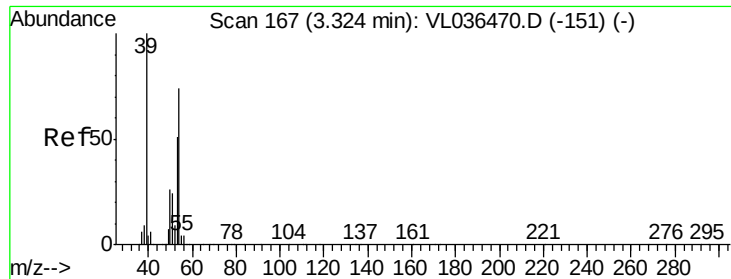
Tot Ion: 45 Resp: 1367023
Ion Ratio Lower Upper
45 100
46 38.1 16.6 66.2



#15
Acetone
Concen: 60.449 ppbv
RT: 3.83 min Scan# 325
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 43 Resp: 8085671
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8

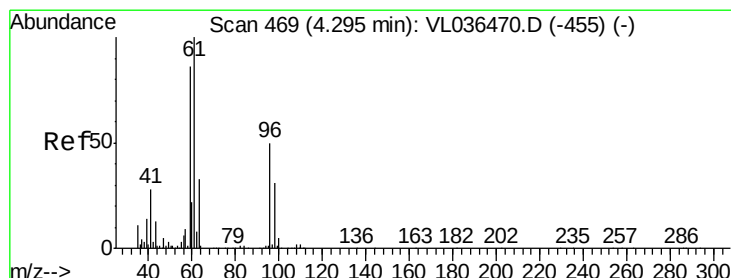
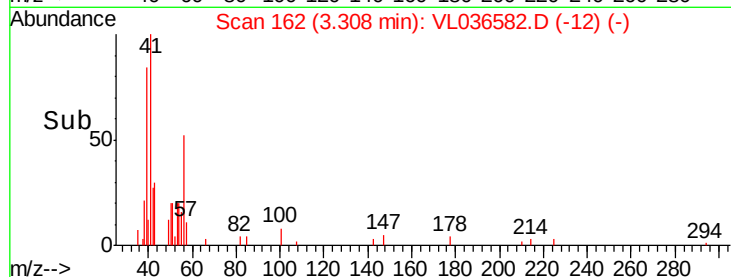
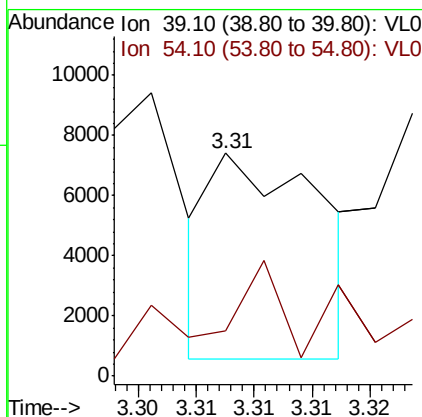
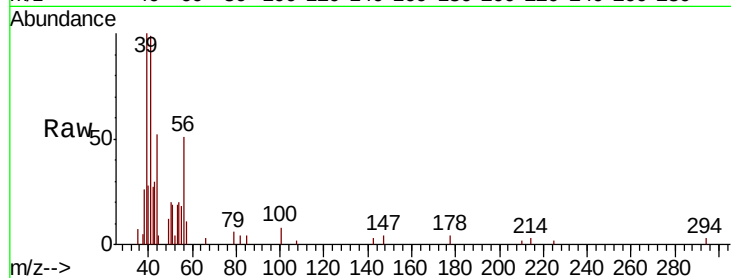




#16
1,3-Butadiene
Concen: 0.048 ppbv
RT: 3.31 min Scan# 162
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

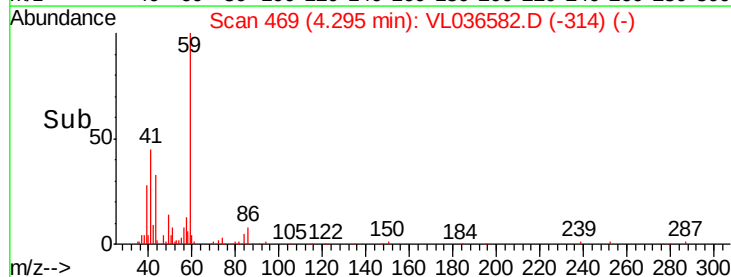
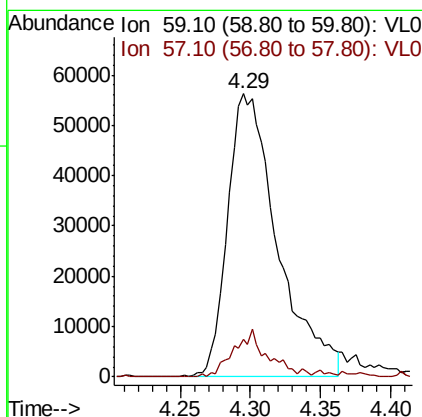
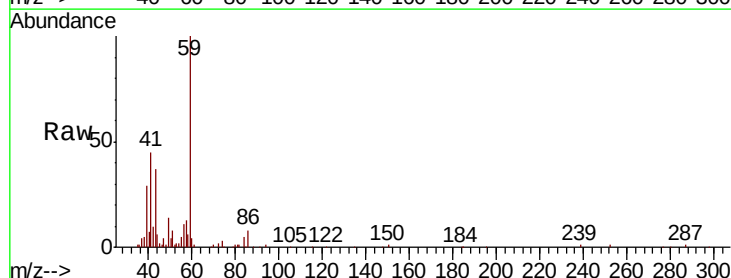
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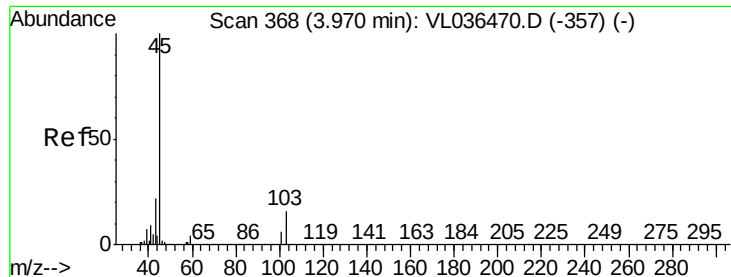
Tot Ion: 39 Resp: 4479
Ion Ratio Lower Upper
39 100
54 156.8 58.8 88.2#



#17
tert-Butyl alcohol
Concen: 1.200 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.00 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 59 Resp: 139785
Ion Ratio Lower Upper
59 100
57 13.0 8.6 12.8#



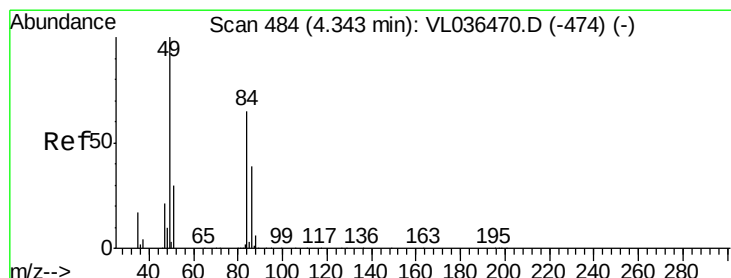
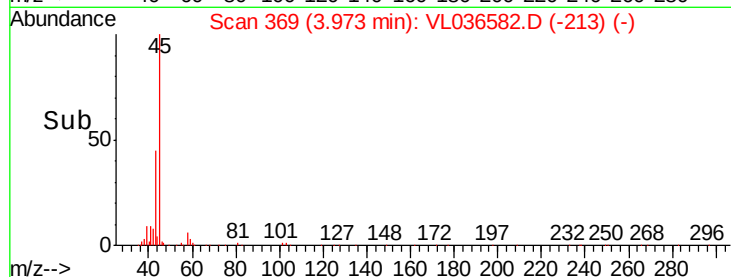
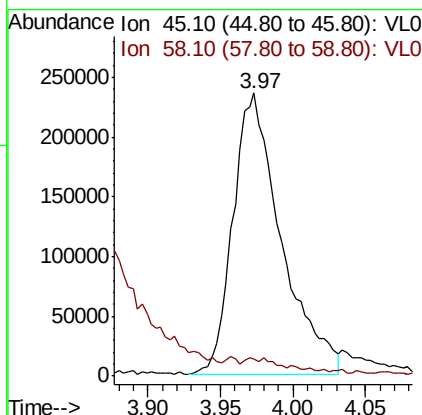
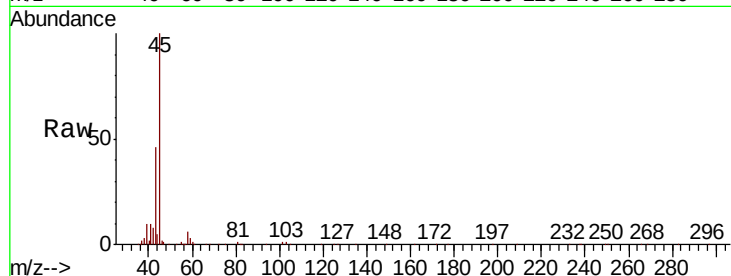


#19

Isopropyl Alcohol
 Concen: 7.389 ppbv
 RT: 3.97 min Scan# 369
 Delta R.T. 0.00 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Instrument :
 MSVOA_L
 ClientSampled :

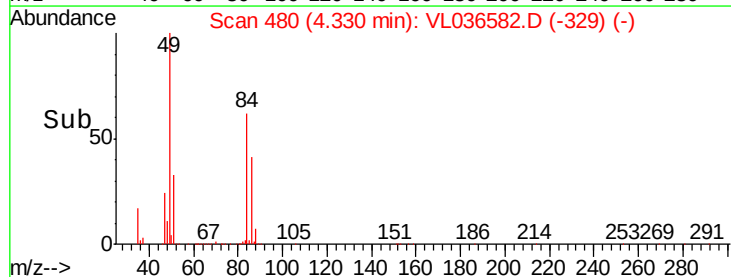
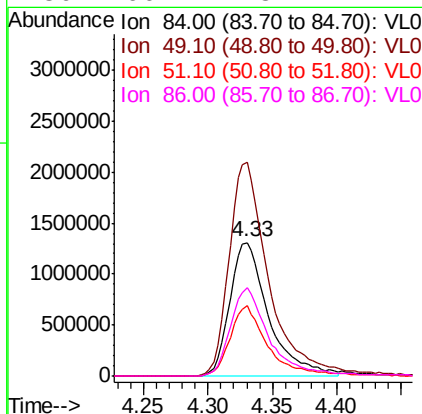
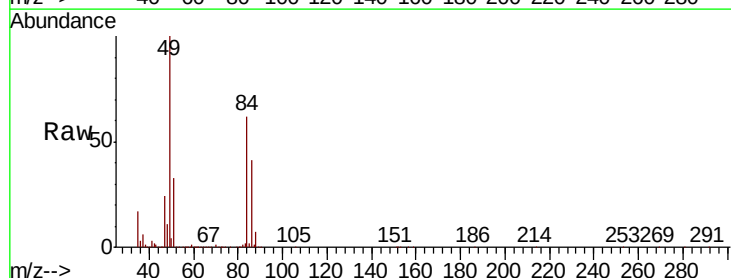
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 Ion Ratio Lower Upper
 45 100
 58 397.0 2.9 4.3#

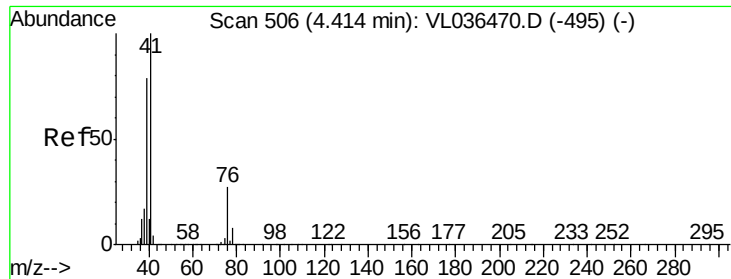


#20

Methylene Chloride
 Concen: 43.611 ppbv
 RT: 4.33 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion: 84 Resp: 2731214
 Ion Ratio Lower Upper
 84 100
 49 160.0 122.9 184.3
 51 53.0 36.9 55.3
 86 66.2 48.2 72.4

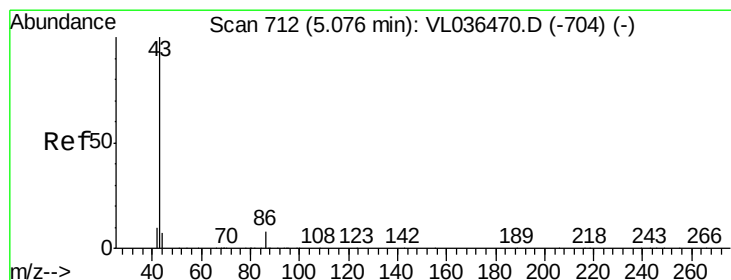
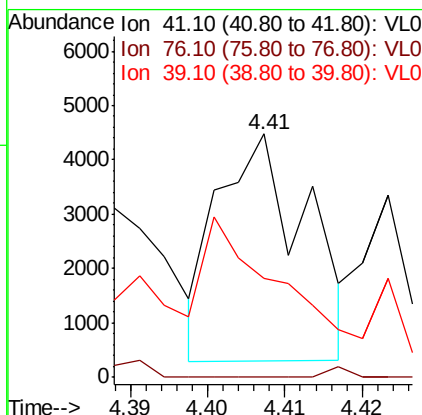
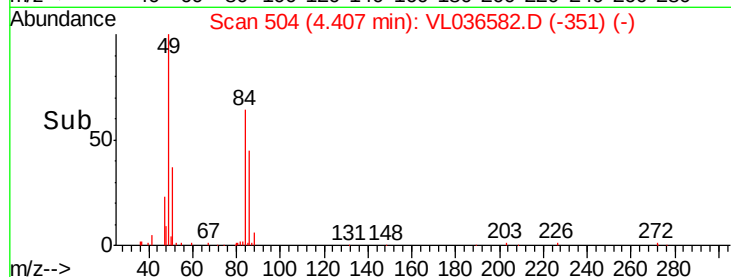
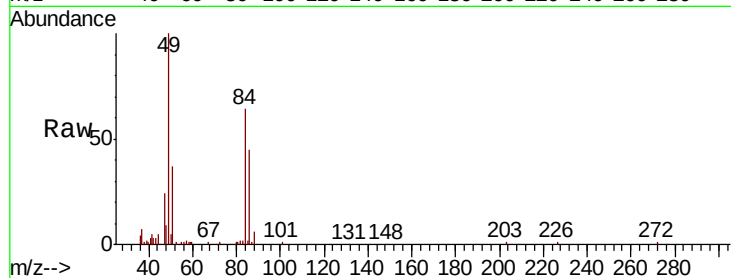




#21
Allvl Chloride
Concen: 0.031 ppbv
RT: 4.41 min Scan# 504
Delta R.T. -0.01 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

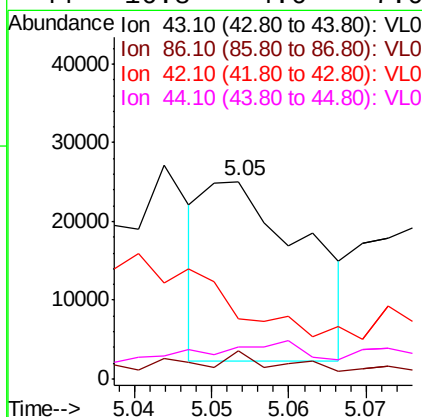
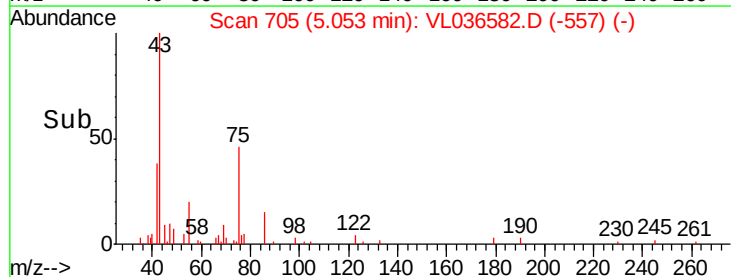
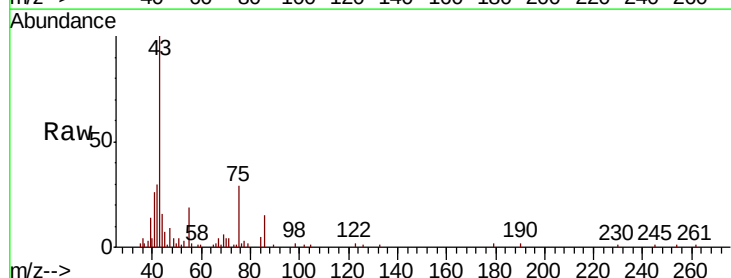
Instrument :
MSVOA_L
ClientSampleId :

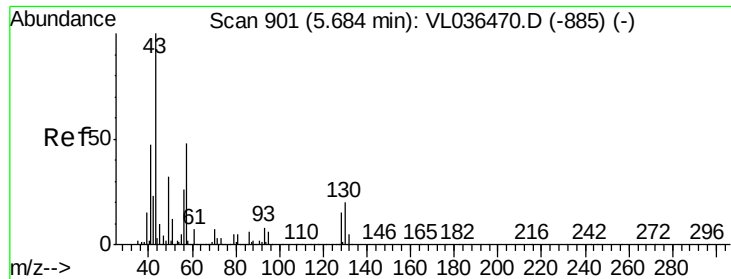
Tot Ion: 41 Resp: 3313
Ion Ratio Lower Upper
41 100
76 0.0 22.9 34.3#
39 90.0 67.3 100.9



#23
Vinyl Acetate
Concen: 0.090 ppbv
RT: 5.05 min Scan# 705
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 43 Resp: 20484
Ion Ratio Lower Upper
43 100
86 26.5 5.4 8.0#
42 8.9 8.5 12.7
44 16.8 4.6 7.0#



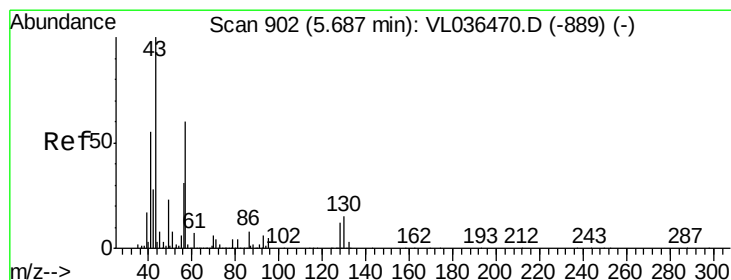
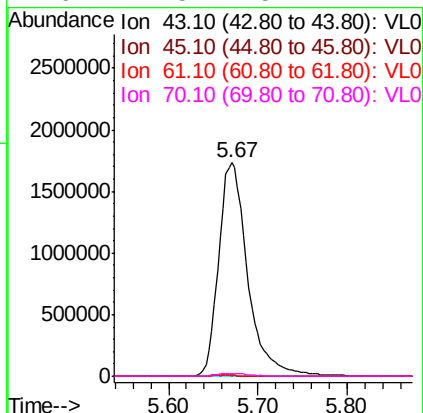
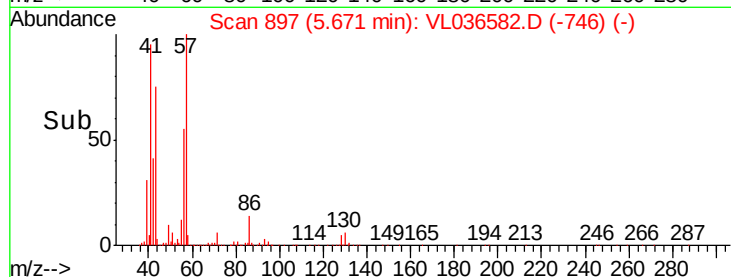
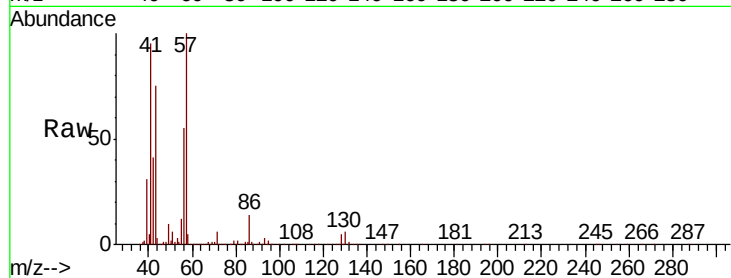


#25
Ethyl Acetate
Concen: 12.259 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.01 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Instrument :
MSVOA_L
ClientSampleID :

Tot Ion: 43 Resp: 3898354

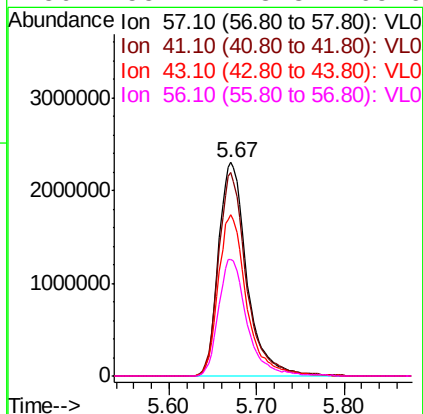
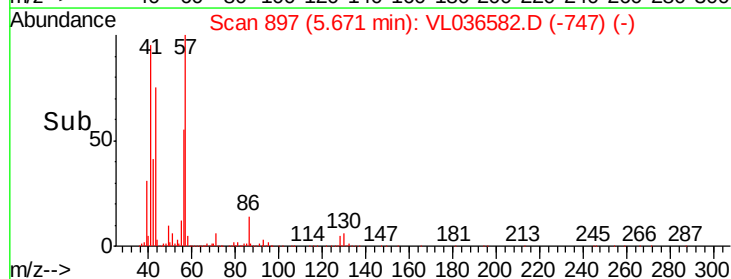
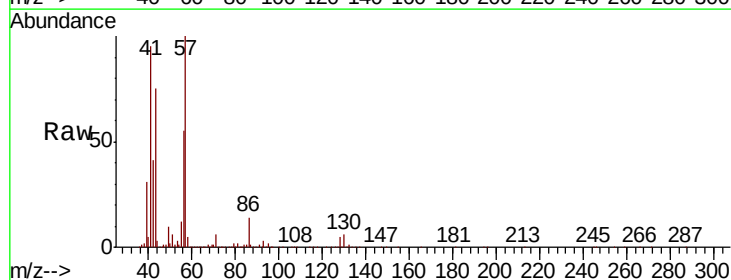
Ion	Ratio	Lower	Upper
43	100		
45	0.6	7.9	11.9#
61	0.4	7.4	11.2#
70	1.5	5.1	7.7#

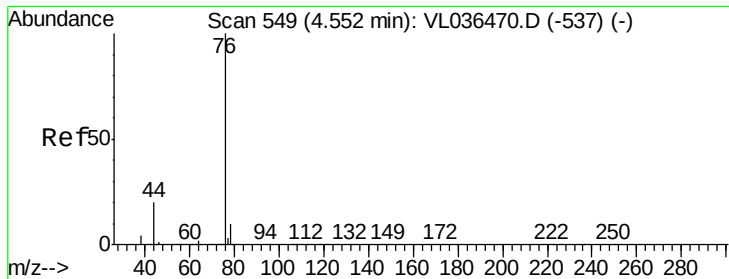


#26
Hexane
Concen: 35.121 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 57 Resp: 5182879

Ion	Ratio	Lower	Upper
57	100		
41	94.9	77.2	115.8
43	75.4	173.8	260.6#
56	55.1	43.8	65.6





#27

Carbon Disulfide

Concen: 0.121 ppbv

RT: 4.53 min Scan# 543

Delta R.T. -0.02 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

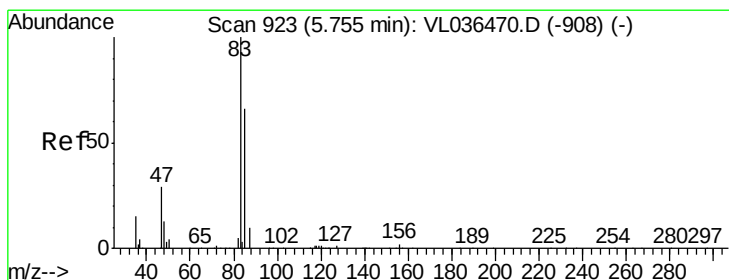
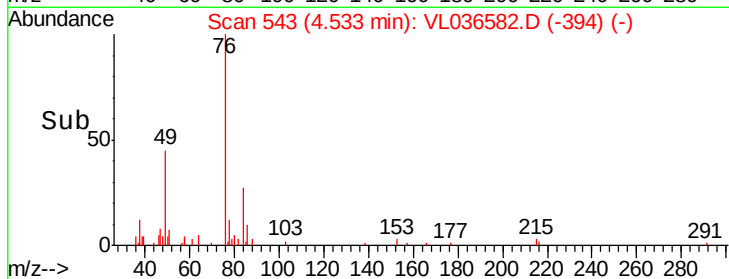
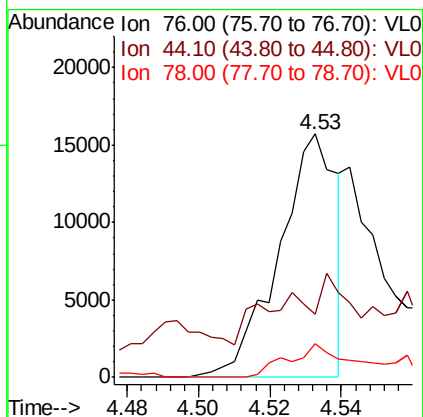
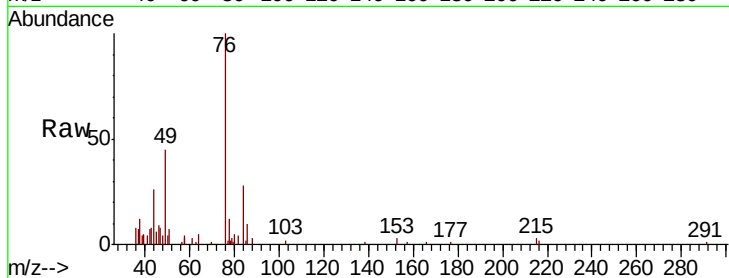
Tot Ion: 76 Resp: 17597

Ion Ratio Lower Upper

76 100

44 45.9 17.5 26.3#

78 20.1 8.6 13.0#



#29

Chloroform

Concen: 0.461 ppbv

RT: 5.74 min Scan# 918

Delta R.T. -0.02 min

Lab File: VL036582.D

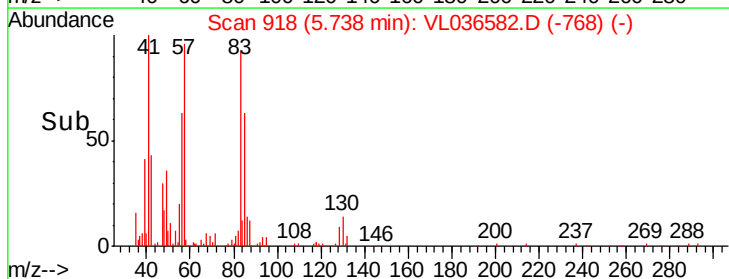
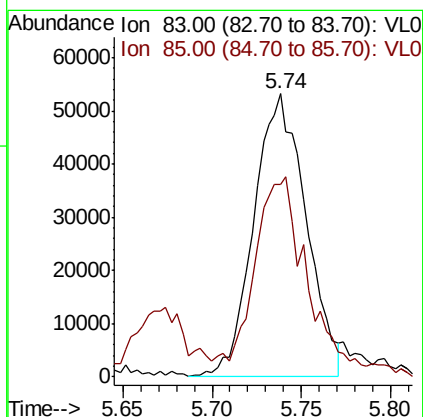
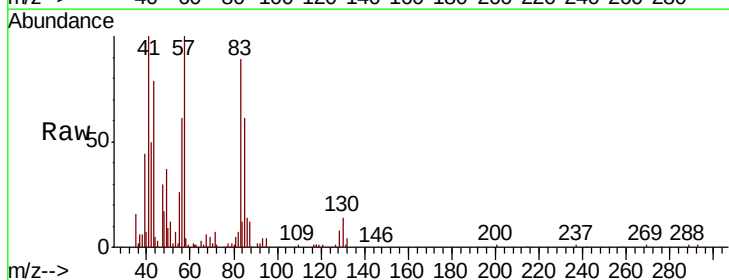
Acq: 30 Mar 2021 23:07

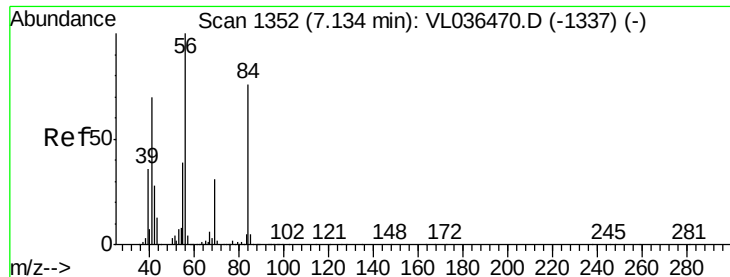
Tgt Ion: 83 Resp: 108837

Ion Ratio Lower Upper

83 100

85 60.4 52.6 78.8

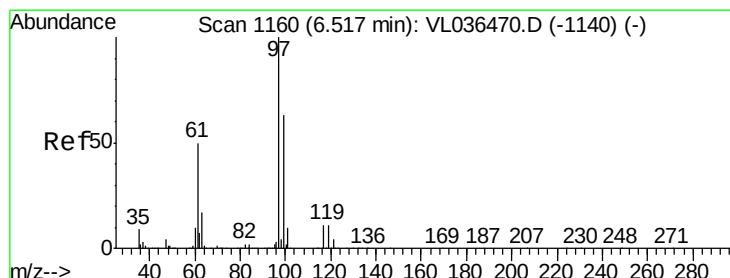
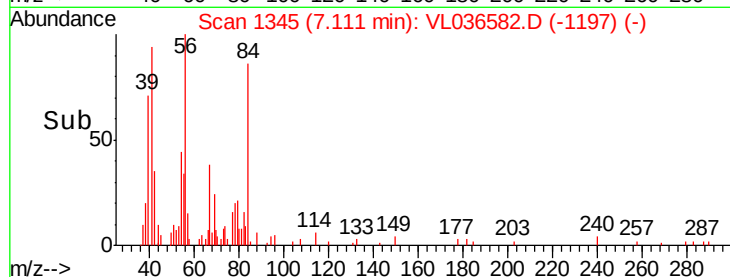
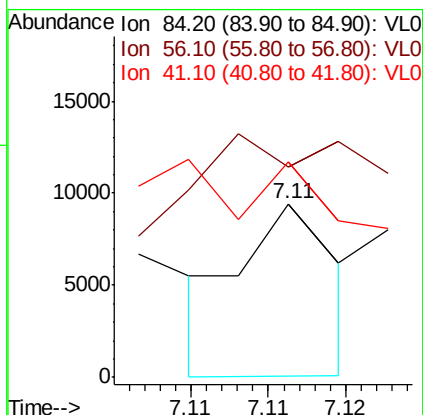
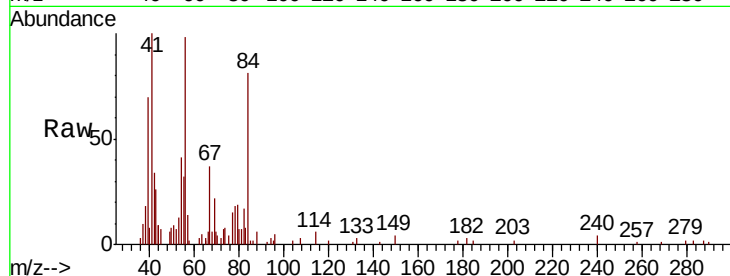




#30
Cyclohexane
Concen: 0.034 ppbv
RT: 7.11 min Scan# 1345
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

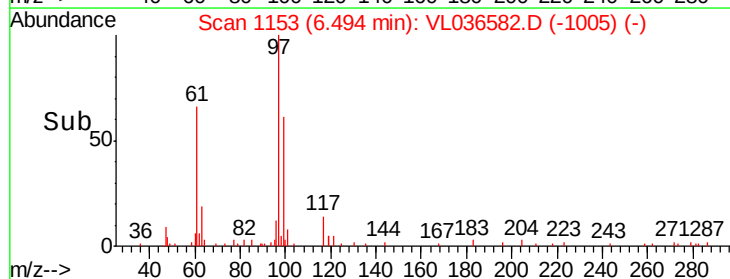
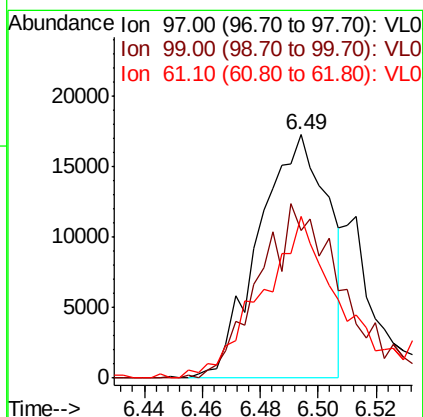
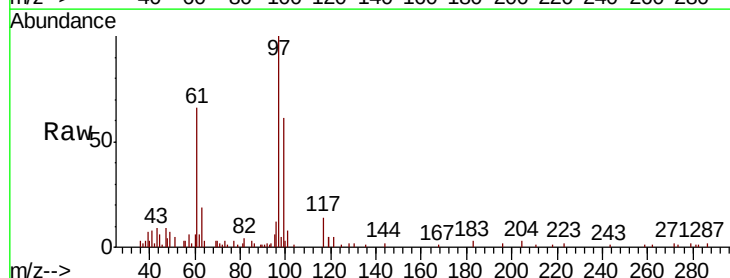
Instrument :
MSVOA_L
ClientSampleId :

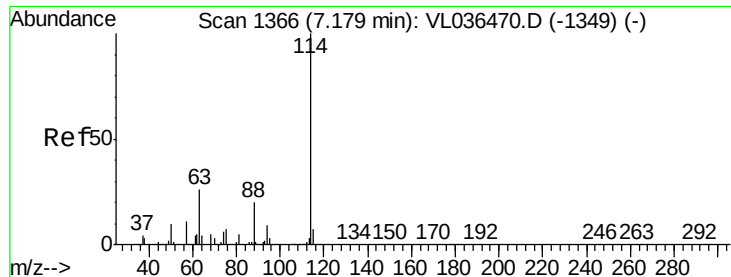
Tot Ion: 84 Resp: 4040
Ion Ratio Lower Upper
84 100
56 0.0 114.6 171.8#
41 0.0 75.3 112.9#



#32
1,1,1-Trichloroethane
Concen: 0.121 ppbv
RT: 6.49 min Scan# 1153
Delta R.T. -0.02 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 97 Resp: 28699
Ion Ratio Lower Upper
97 100
99 89.5 51.4 77.0#
61 77.7 40.6 60.8#

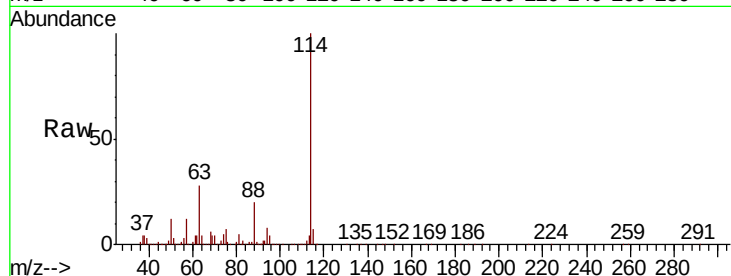




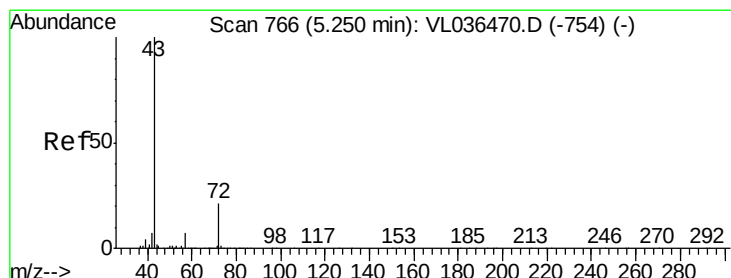
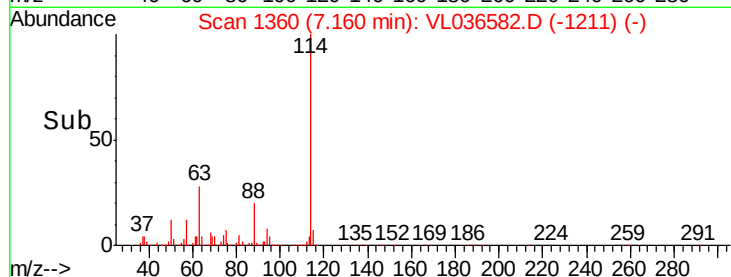
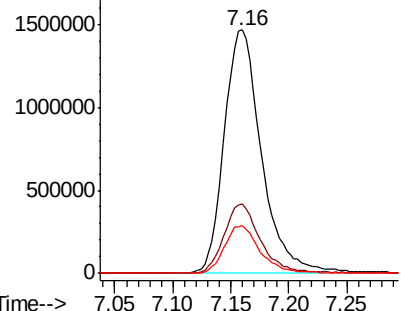
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.02 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Instrument :
 MSVOA_L
 ClientSampleId :

Tot Ion:114 Resp: 3252057
 Ion Ratio Lower Upper
 114 100
 63 28.4 22.4 33.6
 88 19.1 15.4 23.0

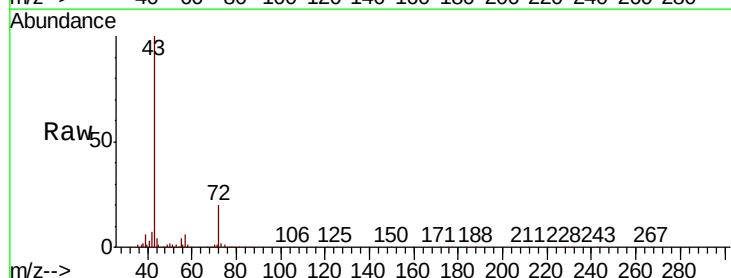


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

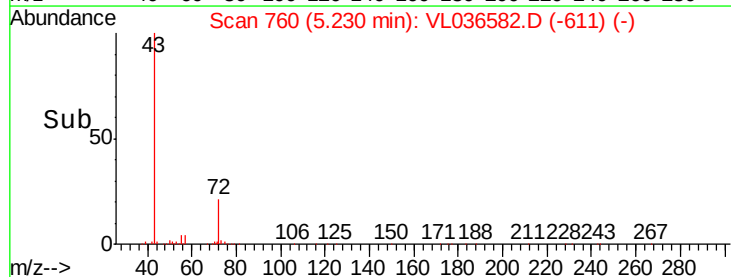
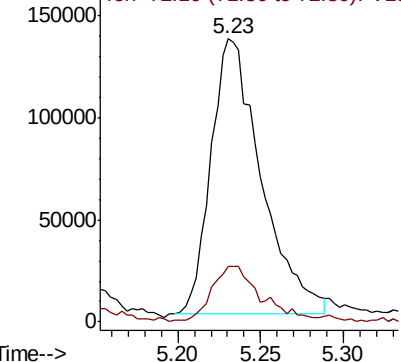


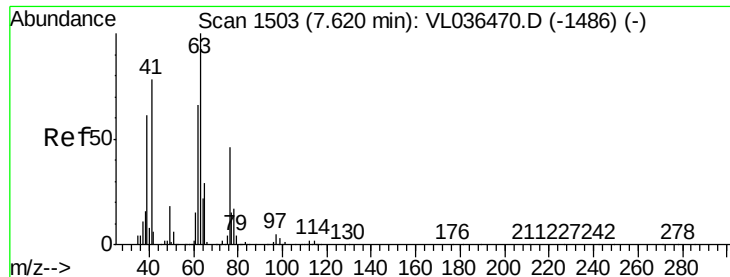
#34
 2-Butanone
 Concen: 1.791 ppbv
 RT: 5.23 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion: 43 Resp: 284365
 Ion Ratio Lower Upper
 43 100
 72 21.9 17.0 25.6



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

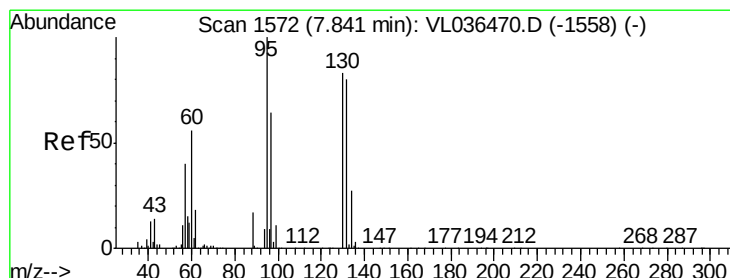
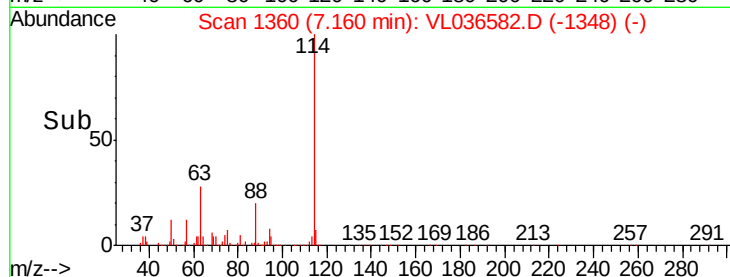
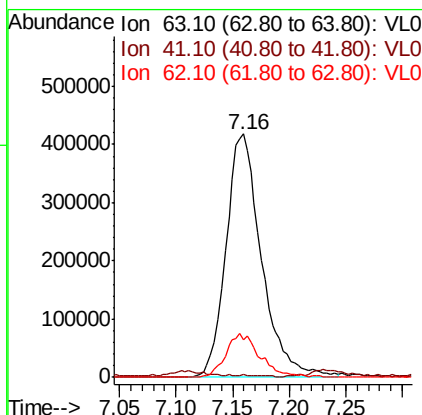
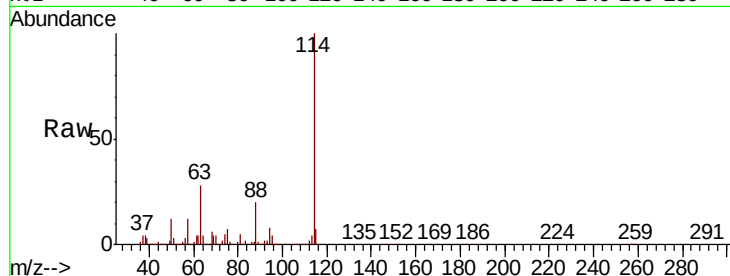




#39
 1,2-Dichloropropane
 Concen: 7.459 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.46 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

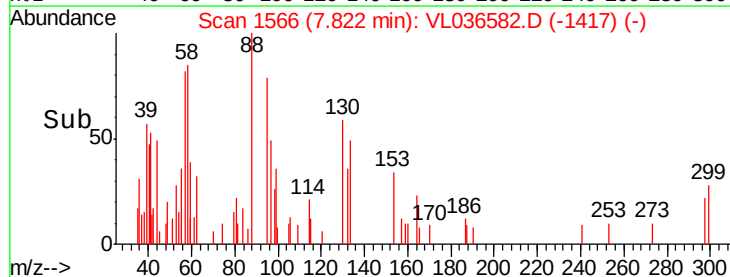
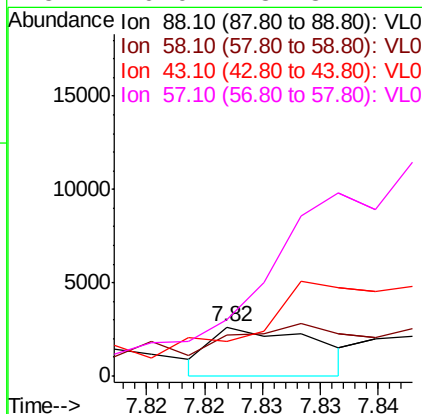
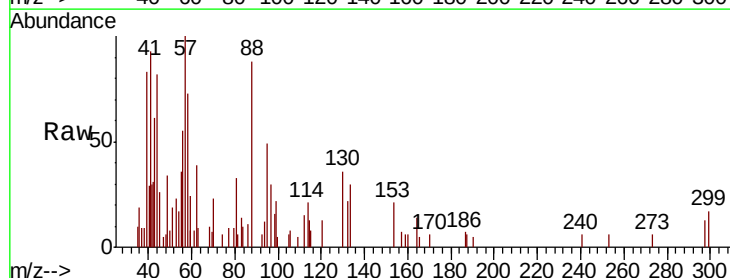
Instrument :
 MSVOA_L
 ClientSampled :

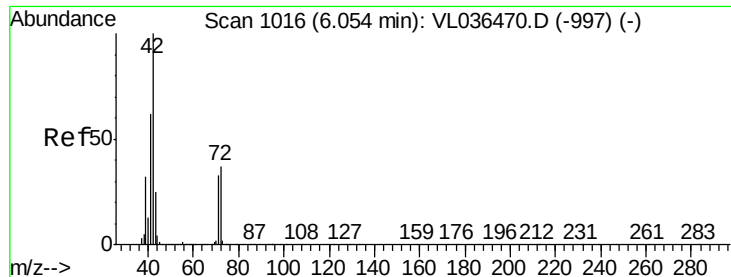
Tot Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	15.3	52.8	79.2#



#40
 1,4-Dioxane
 Concen: 0.058 ppbv
 RT: 7.82 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: VL036582.D
 Acq: 30 Mar 2021 23:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	134.1	201.1#
43	0.0	346.6	520.0#
57	0.0	1481.8	2222.8#





#41

Tetrahydrofuran

Concen: 28.747 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.38 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

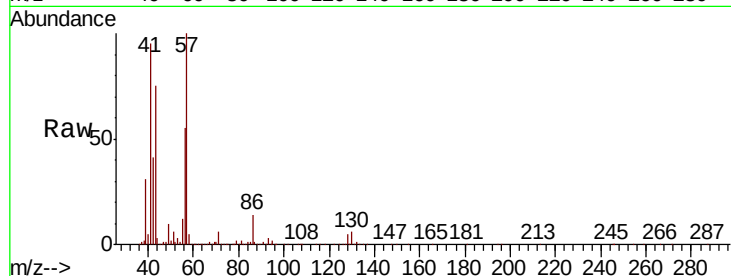
Tot Ion: 42 Resp: 2104086

Ion Ratio Lower Upper

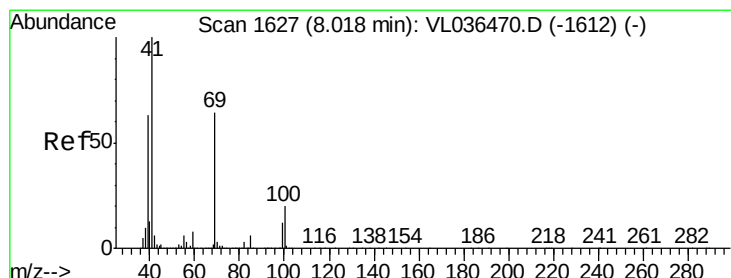
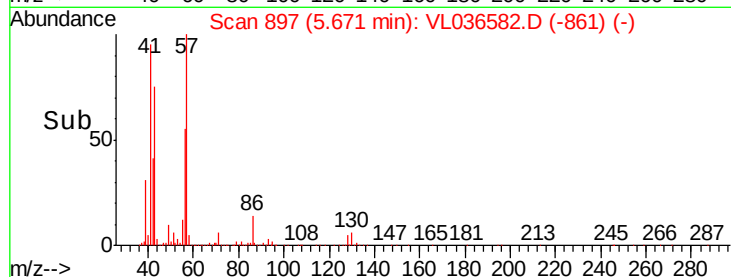
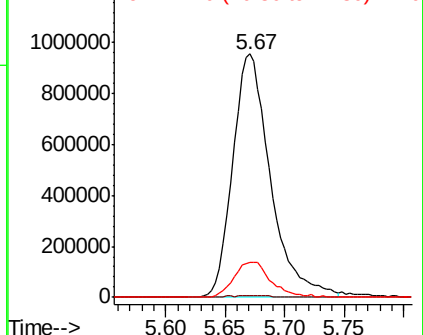
42 100

72 0.9 27.6 41.4#

71 14.6 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



#43

Methyl Methacrylate

Concen: 0.396 ppbv

RT: 8.00 min Scan# 1622

Delta R.T. -0.02 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

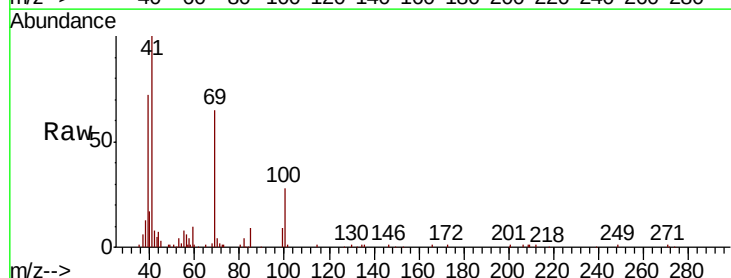
Tgt Ion: 69 Resp: 39889

Ion Ratio Lower Upper

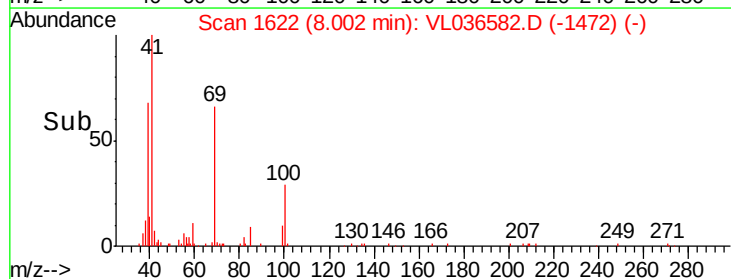
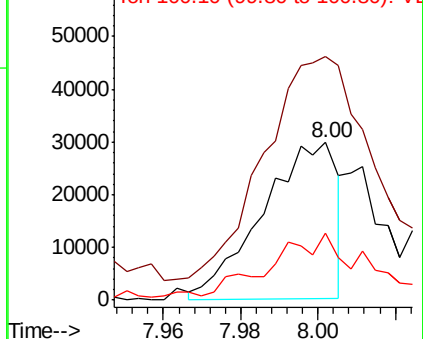
69 100

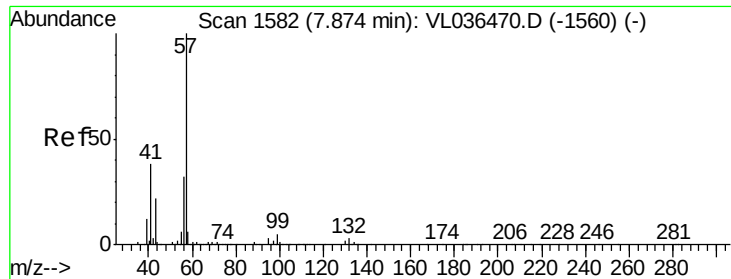
41 261.2 126.8 190.2#

100 61.8 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: 0.063 ppbv

RT: 7.85 min Scan# 1574

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

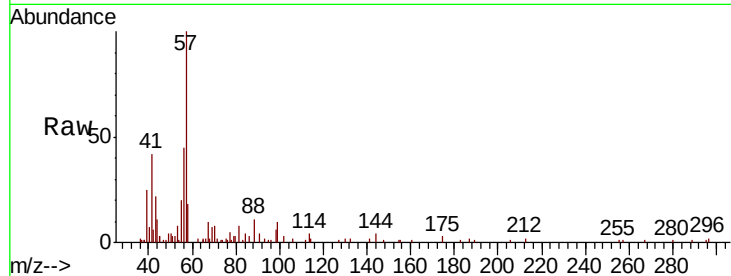
Tot Ion: 57 Resp: 33484

Ion Ratio Lower Upper

57 100

41 63.1 28.8 43.2#

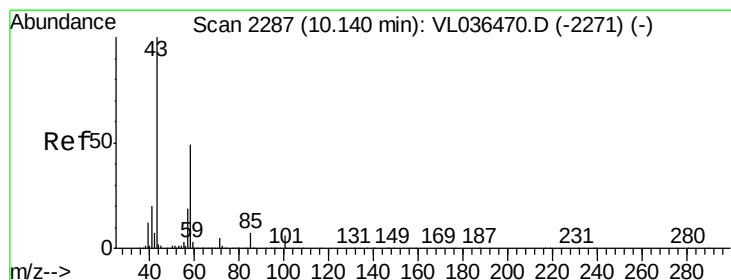
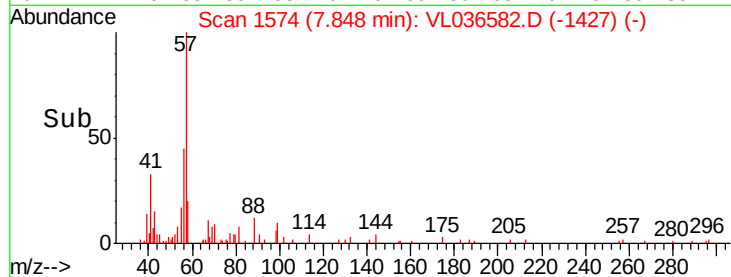
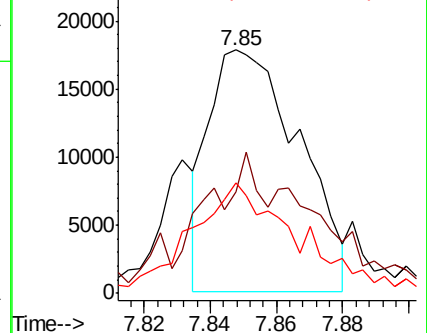
56 53.2 26.1 39.1#



Abundance Ion 57.10 (56.80 to 57.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 56.10 (55.80 to 56.80): VL0



#51

2-Hexanone

Concen: 0.052 ppbv

RT: 10.12 min Scan# 2282

Delta R.T. -0.02 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

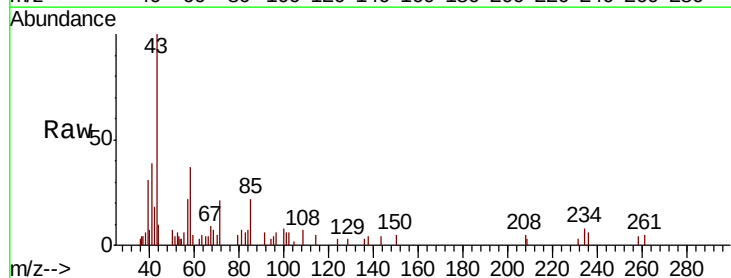
Tgt Ion: 43 Resp: 6033

Ion Ratio Lower Upper

43 100

58 142.9 37.7 56.5#

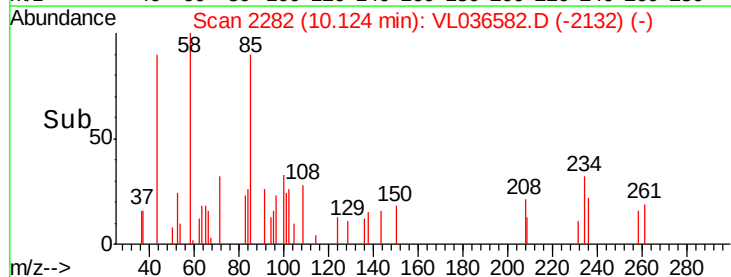
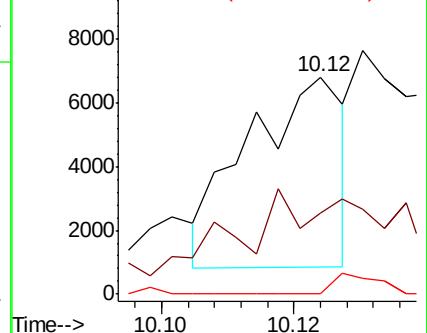
98 0.0 0.2 0.2#

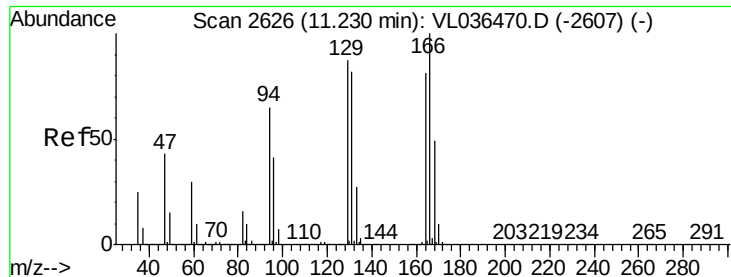


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 98.20 (97.90 to 98.90): VL0





#52

Tetrachloroethene

Concen: 0.773 ppbv

RT: 11.20 min Scan# 2618

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:164 Resp: 85416

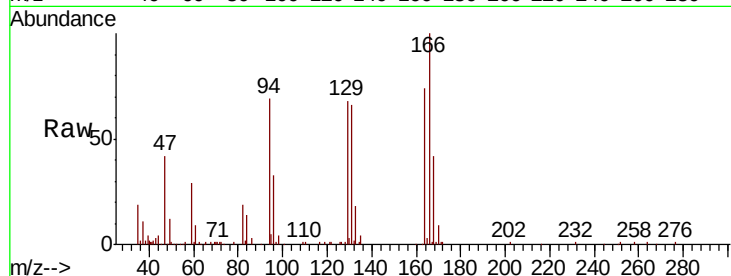
Ion Ratio Lower Upper

164 100

166 136.2 98.3 147.5

129 92.2 85.8 128.8

131 88.6 80.9 121.3

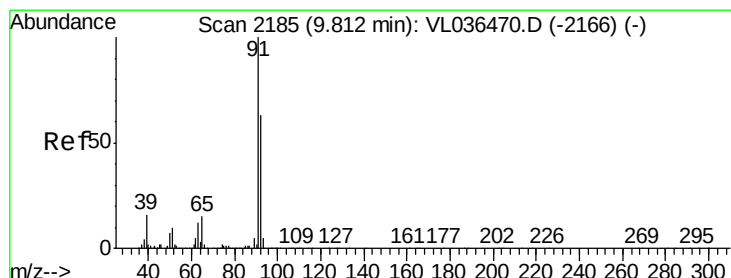
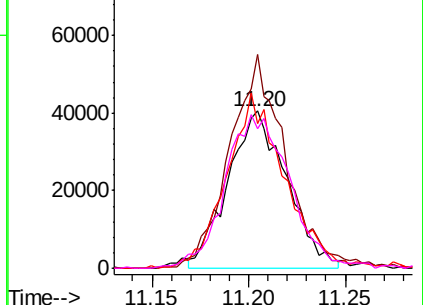
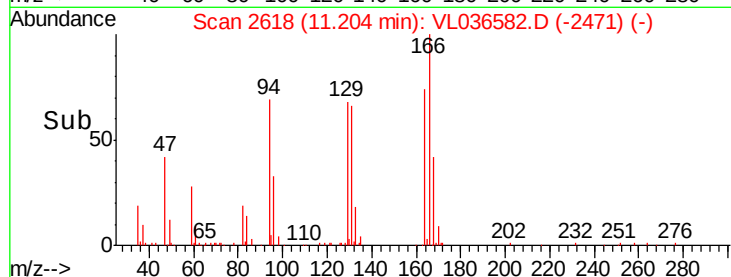


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 0.472 ppbv

RT: 9.79 min Scan# 2177

Delta R.T. -0.03 min

Lab File: VL036582.D

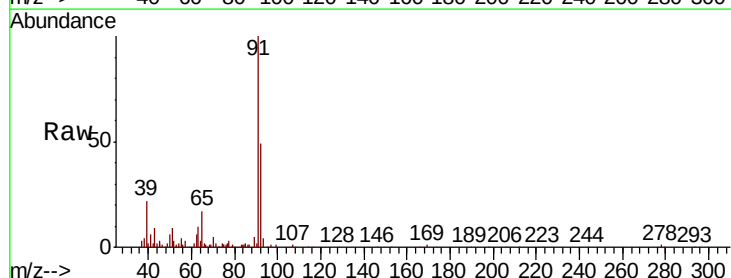
Acq: 30 Mar 2021 23:07

Tgt Ion: 91 Resp: 150906

Ion Ratio Lower Upper

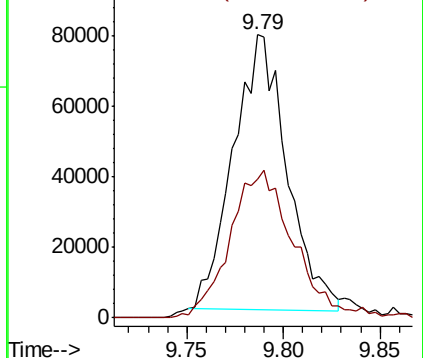
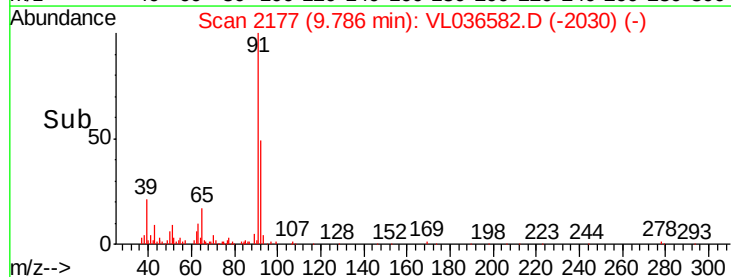
91 100

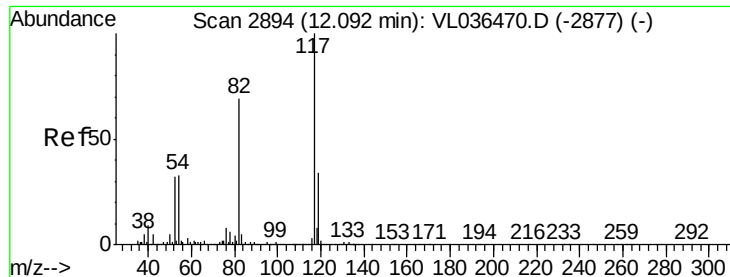
92 63.5 48.8 73.2



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

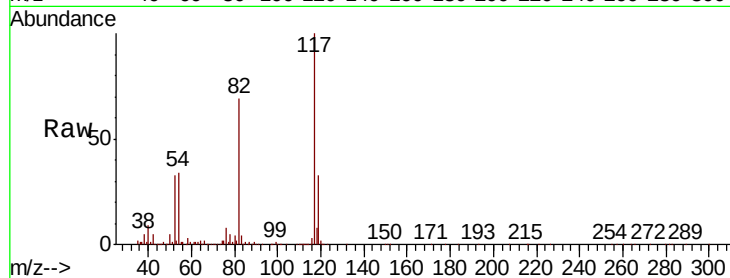
Tot Ion:117 Resp: 2941532

Ion Ratio Lower Upper

117 100

82 71.9 57.4 86.0

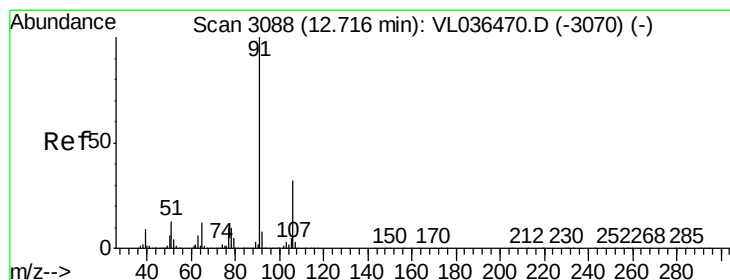
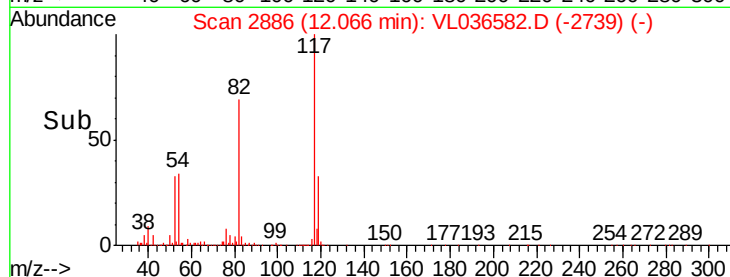
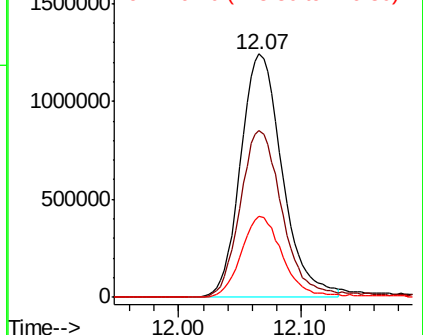
119 33.6 47.4 71.0#



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#58

Ethyl Benzene

Concen: 0.042 ppbv

RT: 12.69 min Scan# 3080

Delta R.T. -0.03 min

Lab File: VL036582.D

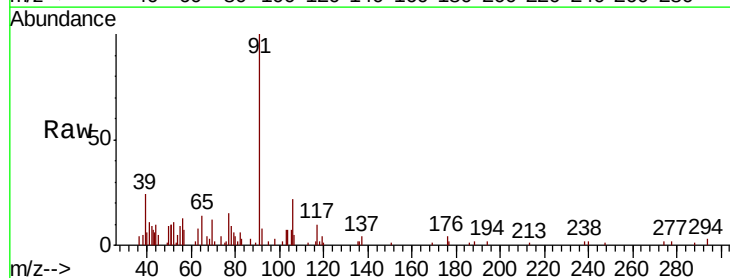
Acq: 30 Mar 2021 23:07

Tgt Ion: 91 Resp: 17773

Ion Ratio Lower Upper

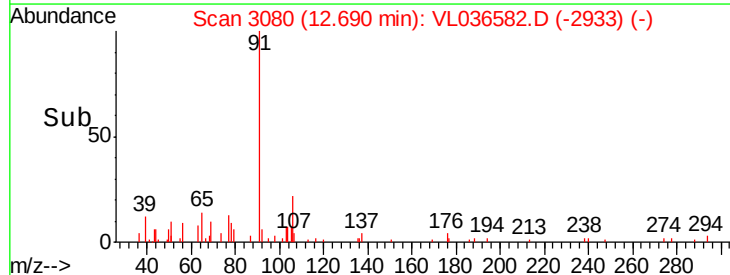
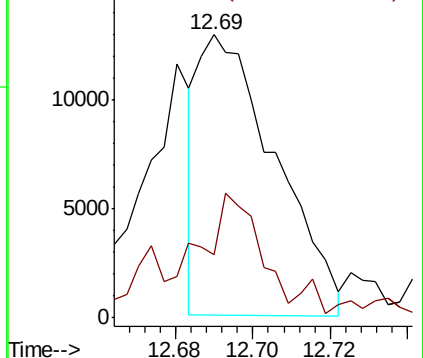
91 100

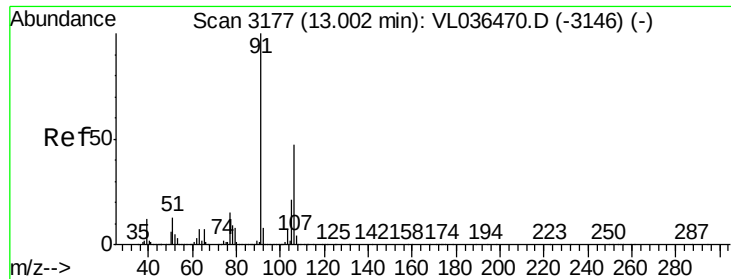
106 25.3 25.3 37.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

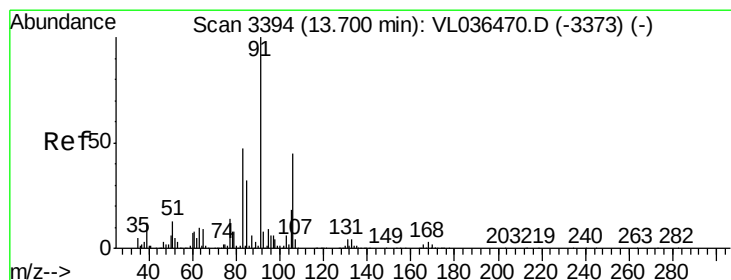
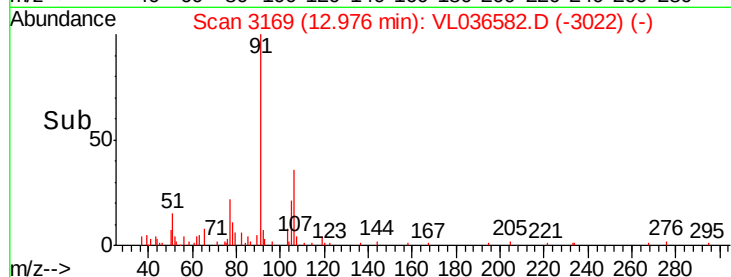
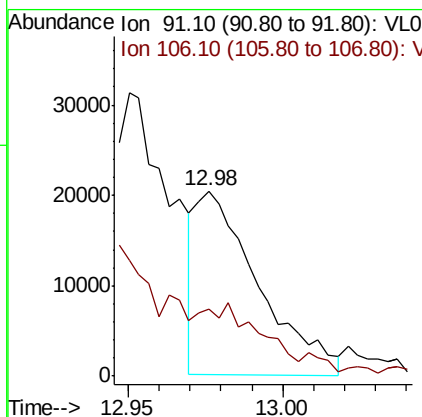
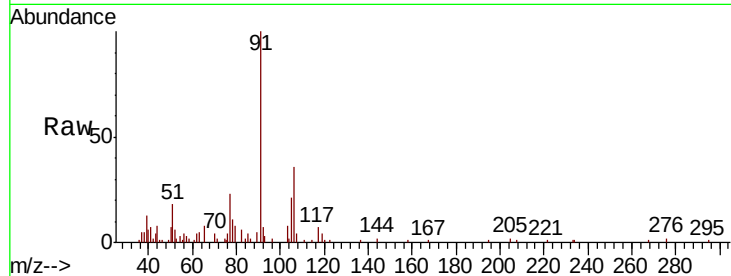




#59
m/p-Xylene
Concen: 0.076 ppbv
RT: 12.98 min Scan# 3169
Delta R.T. -0.03 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

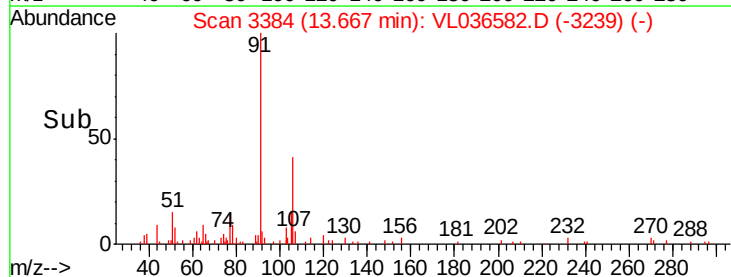
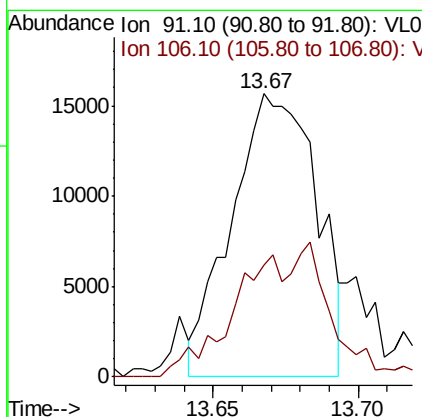
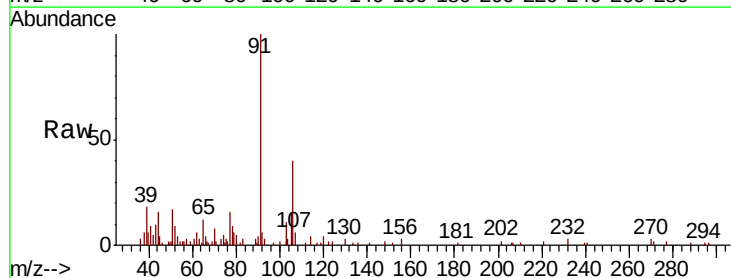
Instrument :
MSVOA_L
ClientSampleId :

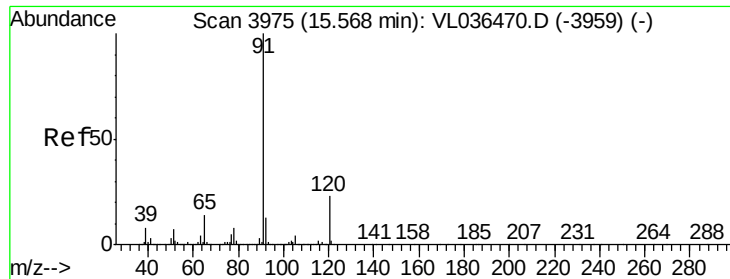
Tot Ion: 91 Resp: 28424
Ion Ratio Lower Upper
91 100
106 0.0 35.3 52.9#



#60
o-Xylene
Concen: 0.088 ppbv
RT: 13.67 min Scan# 3384
Delta R.T. -0.03 min
Lab File: VL036582.D
Acq: 30 Mar 2021 23:07

Tgt Ion: 91 Resp: 31865
Ion Ratio Lower Upper
91 100
106 50.4 22.3 66.9





#64

n-propylbenzene

Concen: 0.022 ppbv

RT: 15.54 min Scan# 3967

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

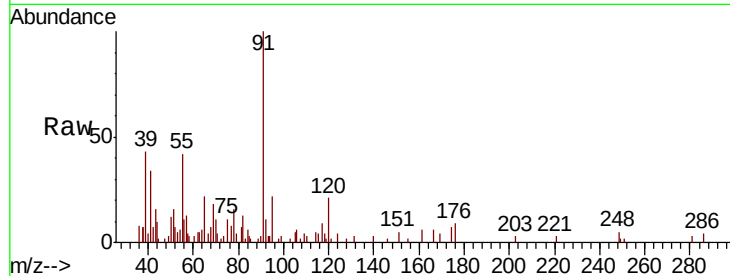
ClientSampleId :

Tot Ion:120 Resp: 2633

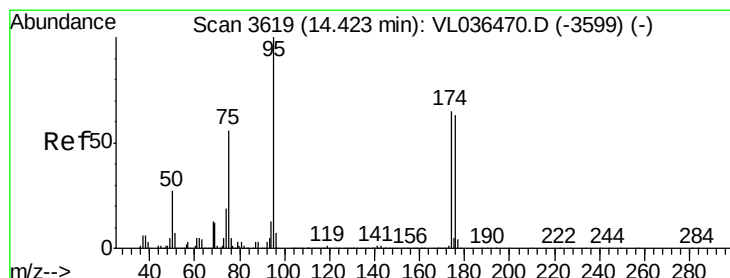
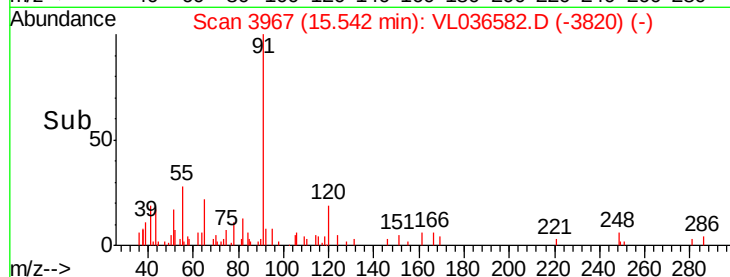
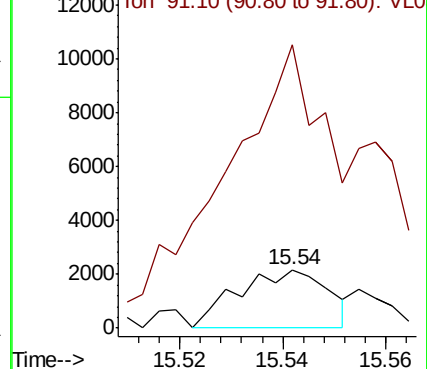
Ion Ratio Lower Upper

120 100

91 1024.5 377.4 566.2#



Abundance Ion 120.20 (119.90 to 120.90): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.837 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

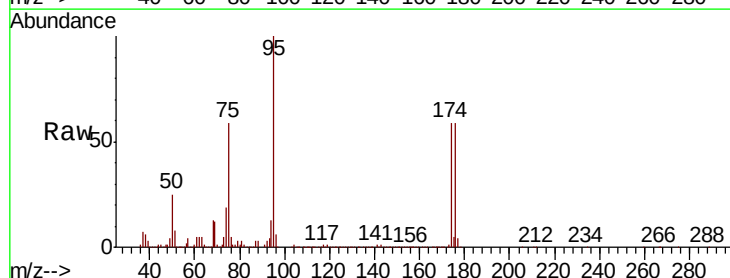
Tgt Ion: 95 Resp: 2306118

Ion Ratio Lower Upper

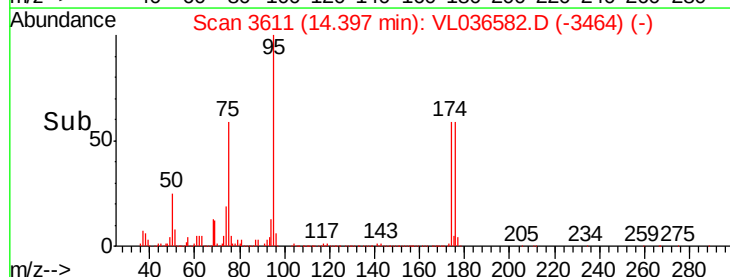
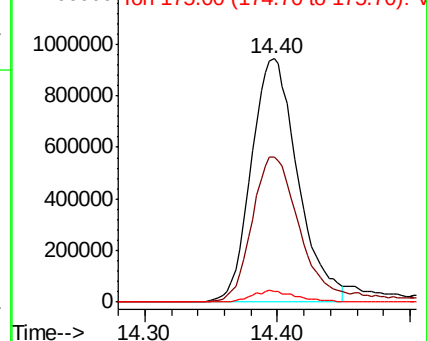
95 100

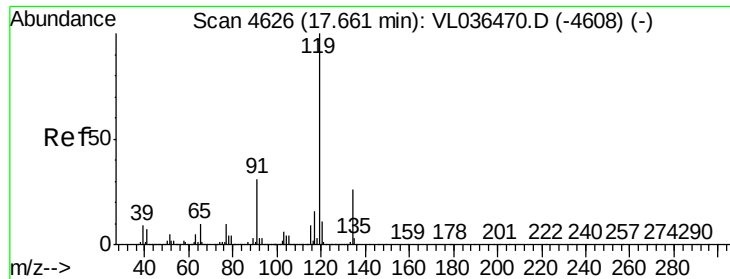
174 65.0 51.0 76.6

175 5.0 3.9 5.9



Abundance Ion 95.10 (94.80 to 95.80): VL0





#69

p-Isopropyltoluene

Concen: 0.054 ppbv

RT: 17.63 min Scan# 4618

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

ClientSampleId :

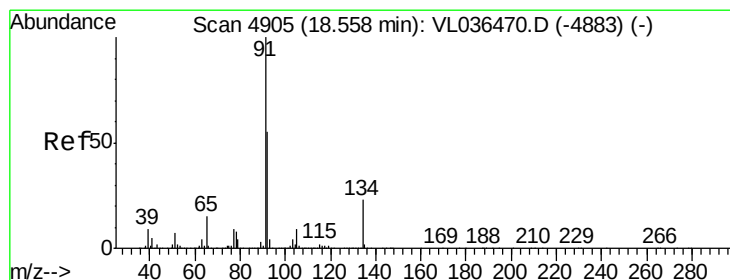
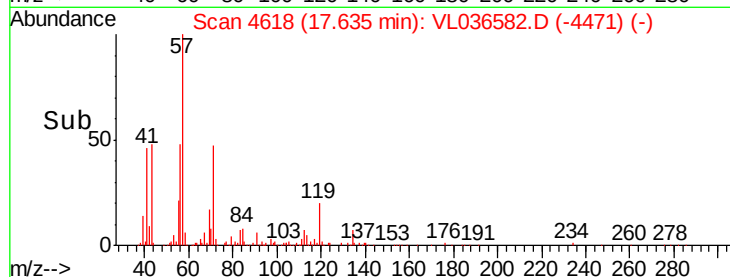
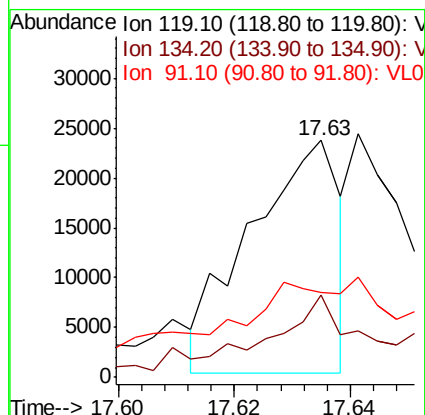
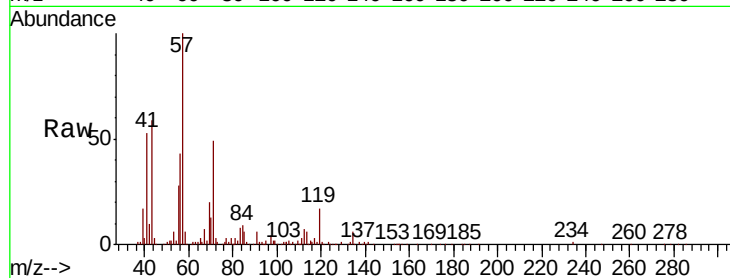
Tot Ion:119 Resp: 25171

Ion Ratio Lower Upper

119 100

134 57.5 20.6 30.8#

91 0.0 25.0 37.6#



#70

n-Butylbenzene

Concen: 0.031 ppbv

RT: 18.53 min Scan# 4896

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

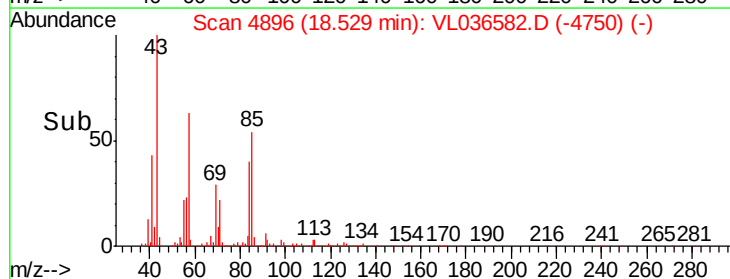
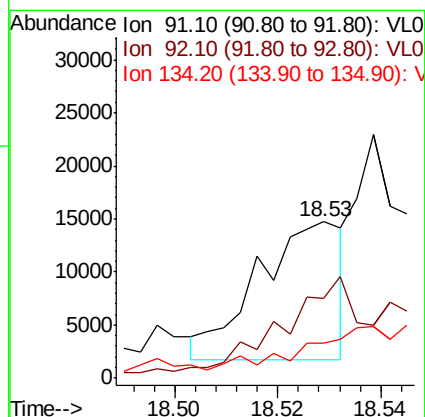
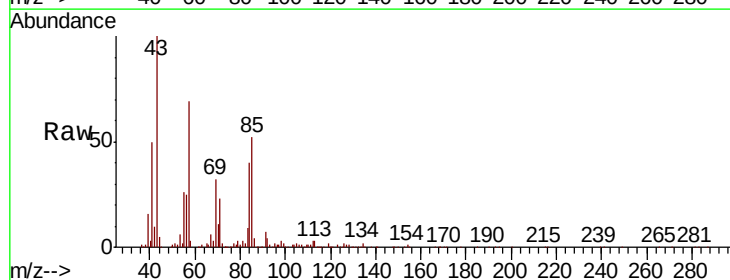
Tgt Ion: 91 Resp: 14719

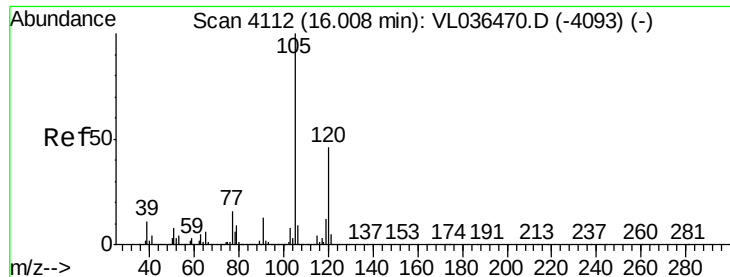
Ion Ratio Lower Upper

91 100

92 154.4 43.8 65.8#

134 0.0 18.0 27.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.043 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Instrument :

MSVOA_L

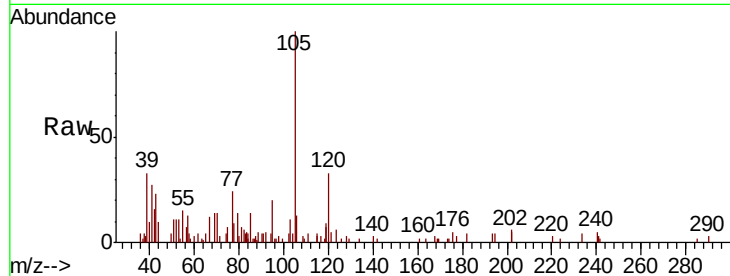
ClientSampleId :

Tot Ion:105 Resp: 15937

Ion Ratio Lower Upper

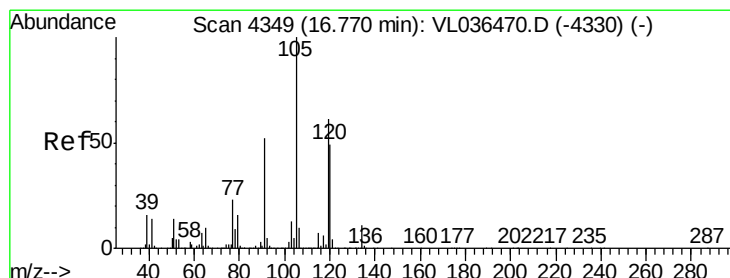
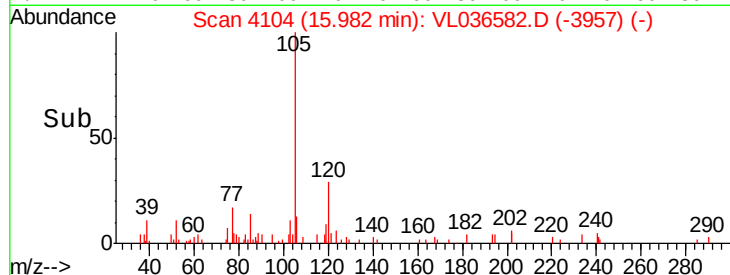
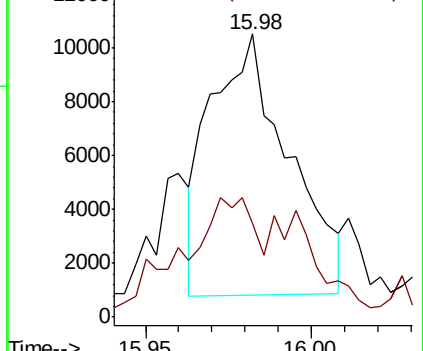
105 100

120 28.6 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: 0.218 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL036582.D

Acq: 30 Mar 2021 23:07

Tgt Ion:105 Resp: 85923

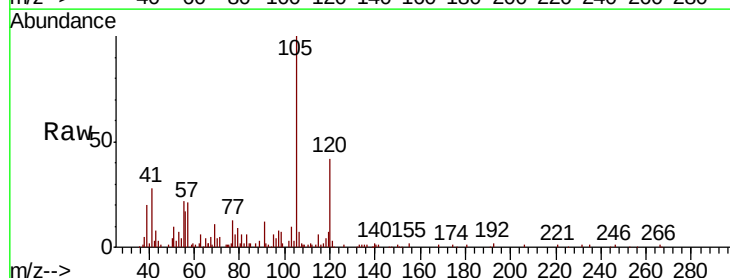
Ion Ratio Lower Upper

105 100

120 42.4 39.2 58.8

91 11.3 42.6 64.0#

77 8.0 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

