

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036577.D
 Acq On : 30 Mar 2021 19:55
 Operator : SY/AP
 Sample : M1797-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 05:16:48 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	1460028	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3341577	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	3087416	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2491212	10.12	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.03	85	38742	0.163	ppbv 94
3) Chlorodifluoromethane	2.98	51	98885	0.363	ppbv # 87
4) Chloromethane	3.13	50	21325	0.221	ppbv # 76
7) Chloroethane	3.54	64	992	0.029	ppbv # 72
9) Propene	3.01	41	39657	0.456	ppbv 91
10) Heptane	8.10	43	7381	0.033	ppbv # 28
11) Trichlorofluoromethane	3.93	101	54250	0.224	ppbv 94
13) Ethanol	3.60	45	3009726	290.630	ppbv 93
15) Acetone	3.83	43	5682572	39.544	ppbv 99
17) tert-Butyl alcohol	4.29	59	37822	0.302	ppbv # 72
19) Isopropyl Alcohol	3.97	45	495529	6.269	ppbv # 1
20) Methylene Chloride	4.33	84	829833	12.334	ppbv 97
23) Vinyl Acetate	5.06	43	11599	0.047	ppbv # 72
24) 1,1-Dichloroethane	5.00	63	11637	0.065	ppbv 97
25) Ethyl Acetate	5.67	43	1059346	3.101	ppbv # 78
26) Hexane	5.67	57	1437256	9.065	ppbv # 47
27) Carbon Disulfide	4.54	76	15044	0.096	ppbv # 86
29) Chloroform	5.74	83	275304	1.086	ppbv 86
30) Cyclohexane	7.11	84	2677	0.021	ppbv # 1
32) 1,1,1-Trichloroethane	6.50	97	69897	0.274	ppbv # 80
34) 2-Butanone	5.23	43	281503	1.726	ppbv 94
36) Benzene	6.87	78	38239	0.124	ppbv 96
38) Trichloroethene	7.81	130	4142	0.035	ppbv # 52
39) 1,2-Dichloropropane	7.16	63	937718	7.501	ppbv # 23
40) 1,4-Dioxane	7.82	88	1772	0.061	ppbv # 1
41) Tetrahydrofuran	6.01	42	6514	0.087	ppbv # 70
44) 2,2,4-Trimethylpentane	7.85	57	112099	0.207	ppbv # 83
50) 4-Methyl-2-Pentanone	8.73	43	31796	0.135	ppbv # 40
51) 2-Hexanone	10.12	43	14704	0.123	ppbv # 30
52) Tetrachloroethene	11.20	164	42122	0.371	ppbv 93
53) Toluene	9.79	91	221785	0.676	ppbv 99
58) Ethyl Benzene	12.95	91	42124	0.094	ppbv 95
59) m/p-Xylene	12.99	91	10492	0.027	ppbv # 32
60) o-Xylene	13.67	91	55291	0.146	ppbv 94
69) p-Isopropyltoluene	17.64	119	98504	0.202	ppbv # 80
72) 4-Ethyltoluene	15.82	105	14882	0.036	ppbv # 39
73) 1,3,5-Trimethylbenzene	15.98	105	19783	0.051	ppbv # 79
74) 1,2,4-Trimethylbenzene	16.74	105	114584	0.276	ppbv # 62
79) Naphthalene	22.17	128	29285	0.121	ppbv 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036577.D
Acq On : 30 Mar 2021 19:55
Operator : SY/AP
Sample : M1797-06
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:16:48 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

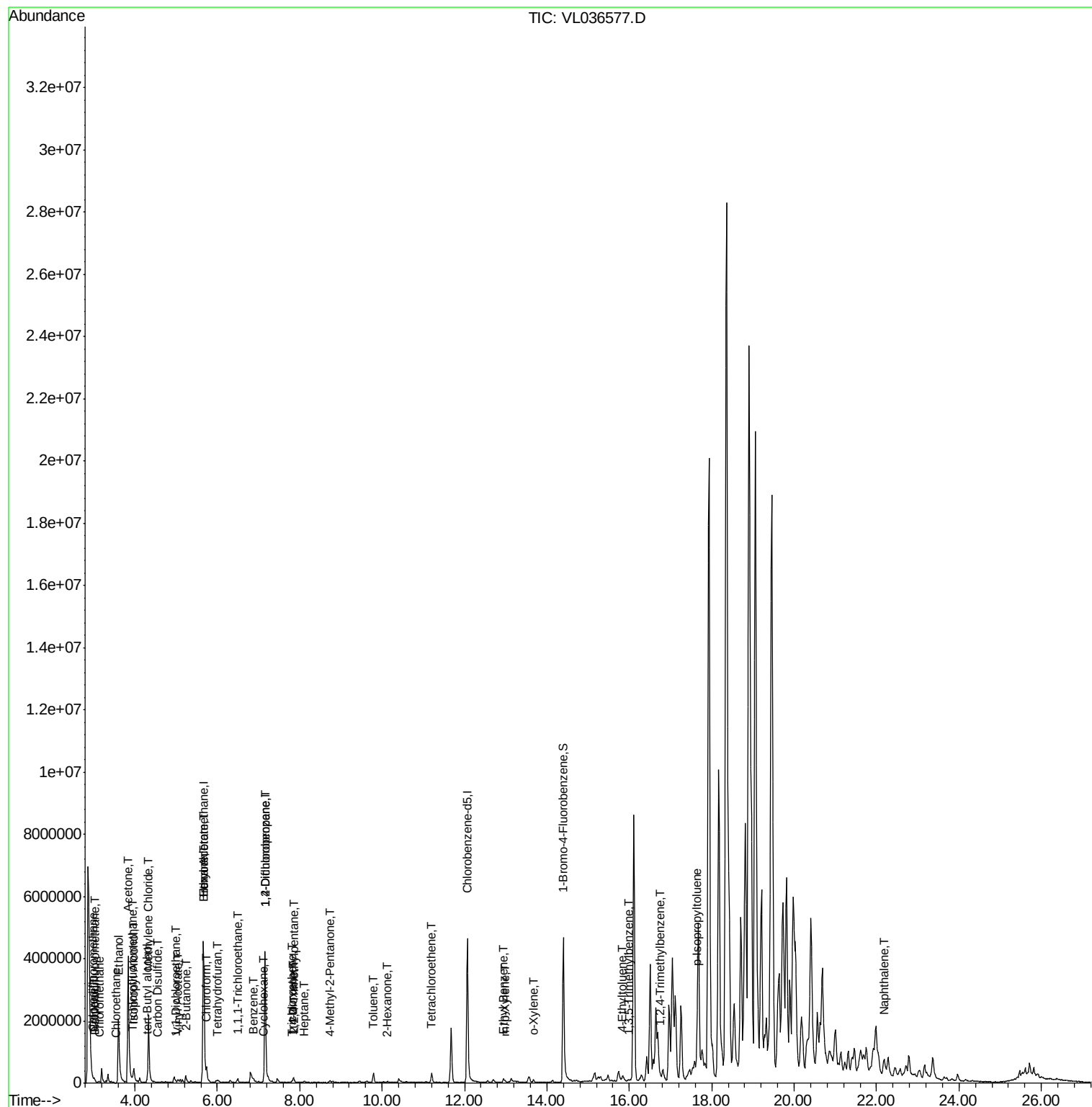
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

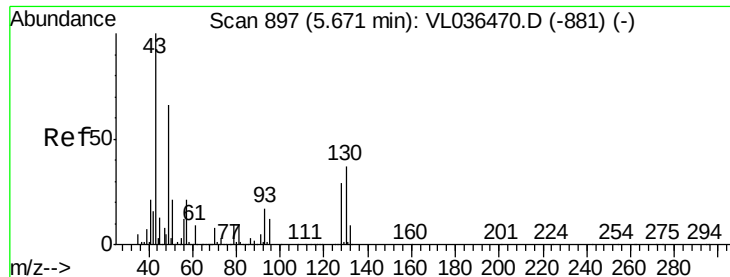
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036577.D
Acq On : 30 Mar 2021 19:55
Operator : SY/AP
Sample : M1797-06
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Mar 31 05:16:48 2021
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

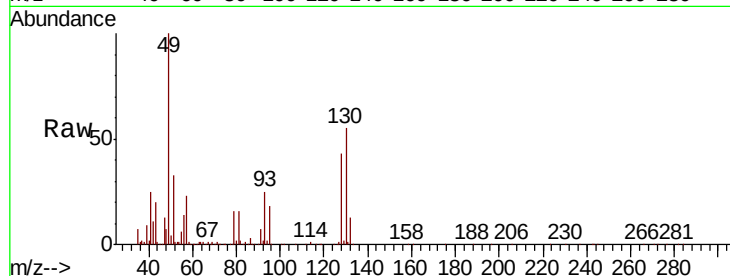
Tot Ion: 49 Resp: 1460028

Ion Ratio Lower Upper

49 100

128 44.0 23.5 70.6

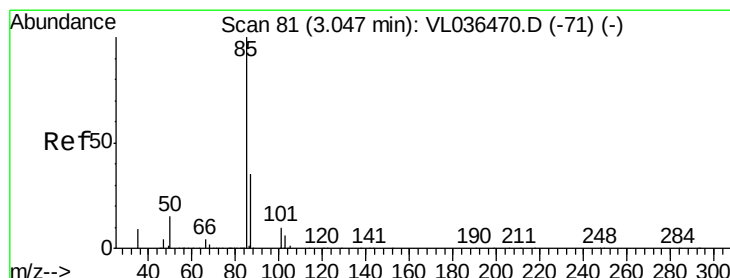
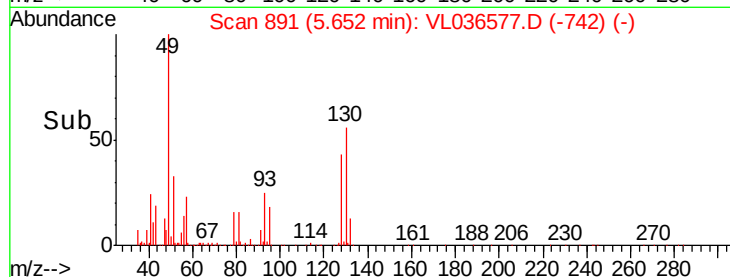
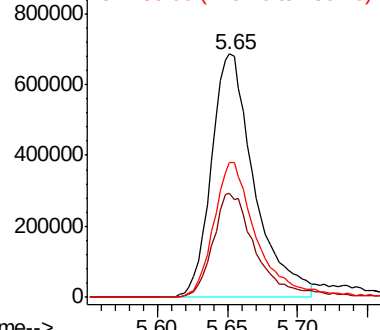
130 57.6 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.163 ppbv

RT: 3.03 min Scan# 77

Delta R.T. -0.01 min

Lab File: VL036577.D

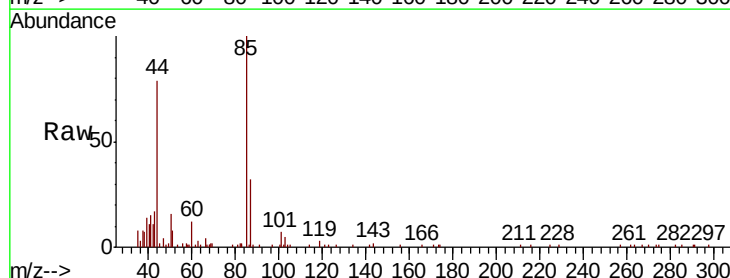
Acq: 30 Mar 2021 19:55

Tgt Ion: 85 Resp: 38742

Ion Ratio Lower Upper

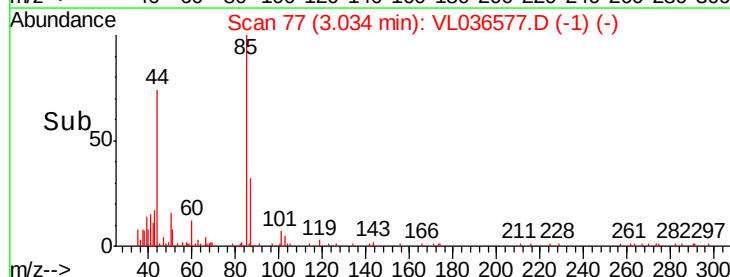
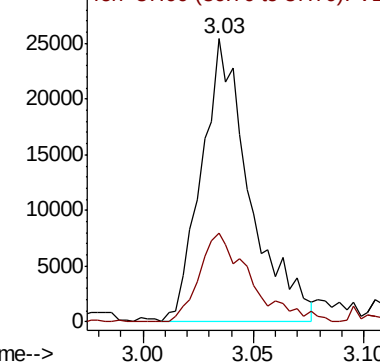
85 100

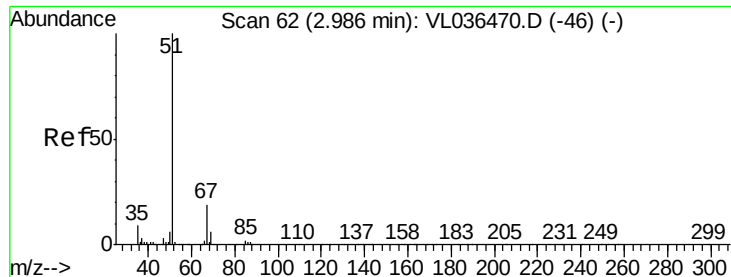
87 31.5 27.8 41.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.363 ppbv

RT: 2.98 min Scan# 59

Delta R.T. -0.01 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

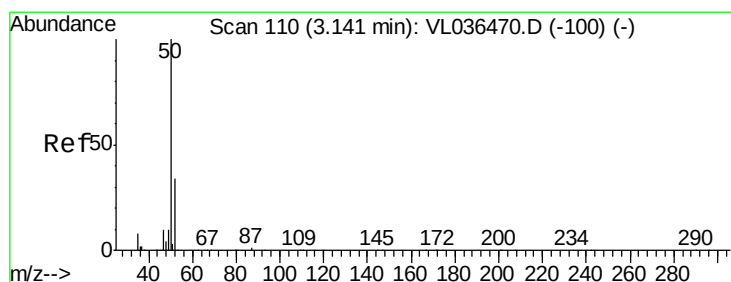
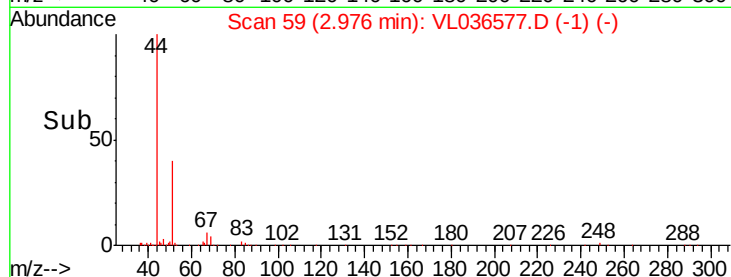
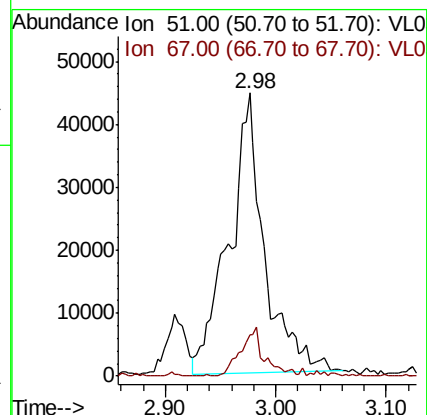
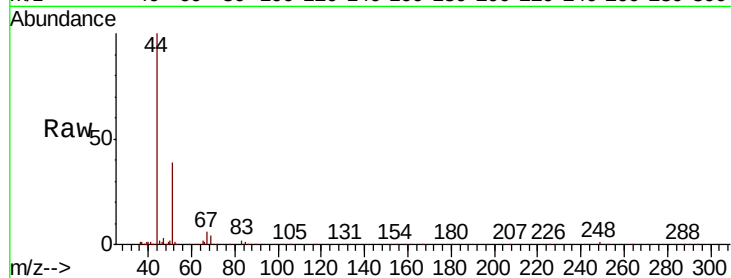
ClientSampleId :

Tot Ion: 51 Resp: 98885

Ion Ratio Lower Upper

51 100

67 12.8 14.7 22.1#



#4

Chloromethane

Concen: 0.221 ppbv

RT: 3.13 min Scan# 107

Delta R.T. -0.01 min

Lab File: VL036577.D

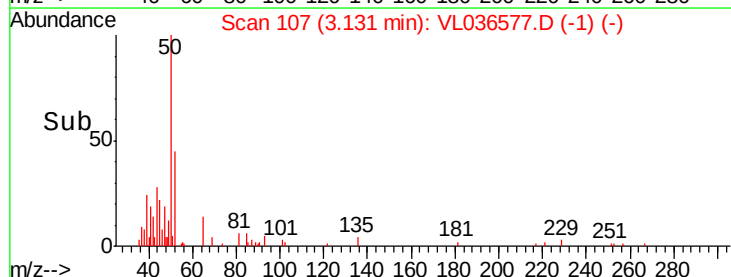
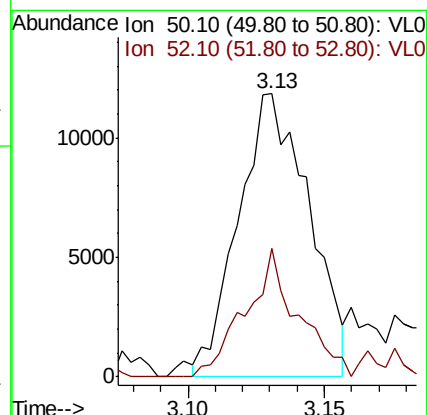
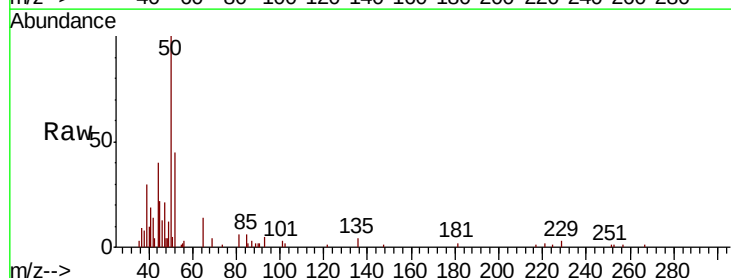
Acq: 30 Mar 2021 19:55

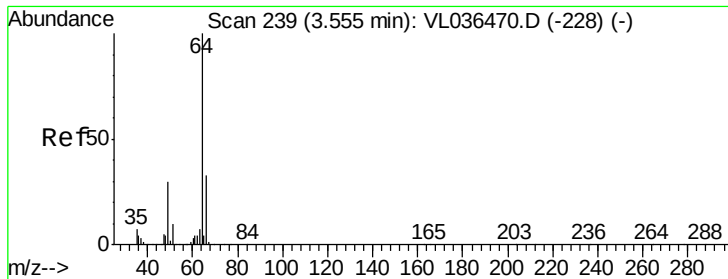
Tgt Ion: 50 Resp: 21325

Ion Ratio Lower Upper

50 100

52 47.3 27.0 40.6#





#7

Chloroethane

Concen: 0.029 ppbv

RT: 3.54 min Scan# 235

Delta R.T. -0.01 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

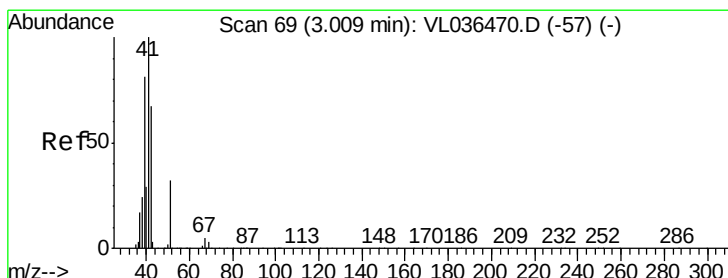
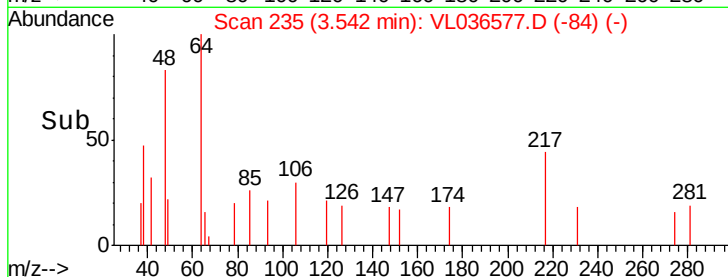
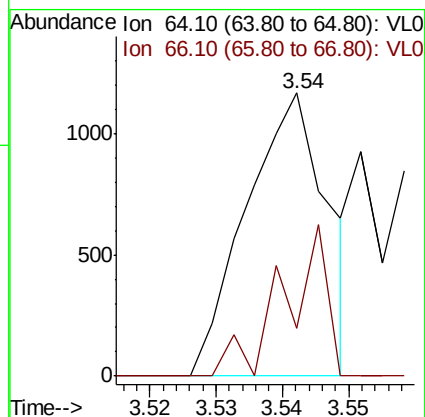
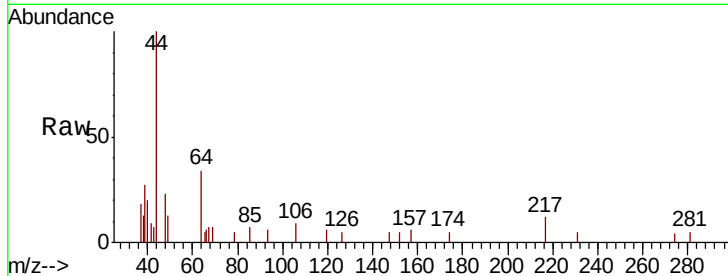
ClientSampleId :

Tot Ion: 64 Resp: 992

Ion Ratio Lower Upper

64 100

66 16.8 26.2 39.2#



#9

Propene

Concen: 0.456 ppbv

RT: 3.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VL036577.D

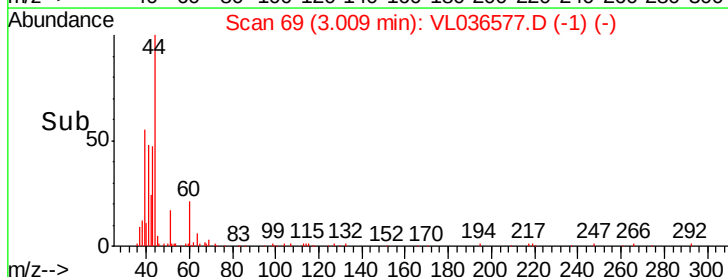
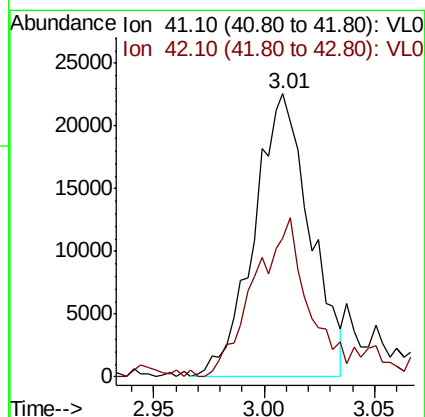
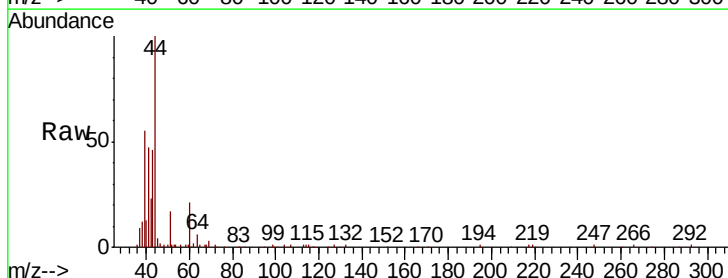
Acq: 30 Mar 2021 19:55

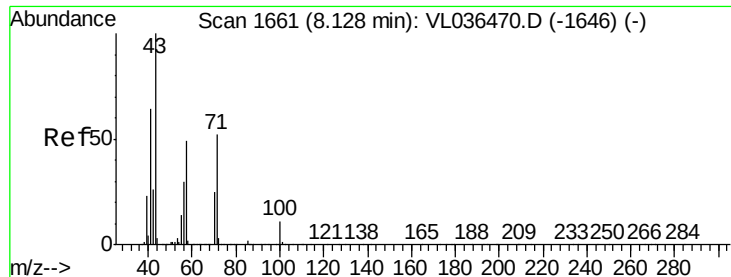
Tgt Ion: 41 Resp: 39657

Ion Ratio Lower Upper

41 100

42 63.7 57.0 85.4

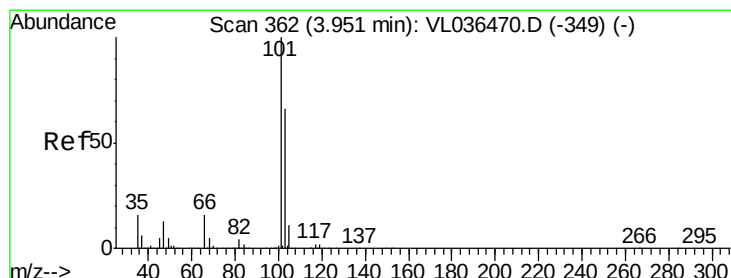
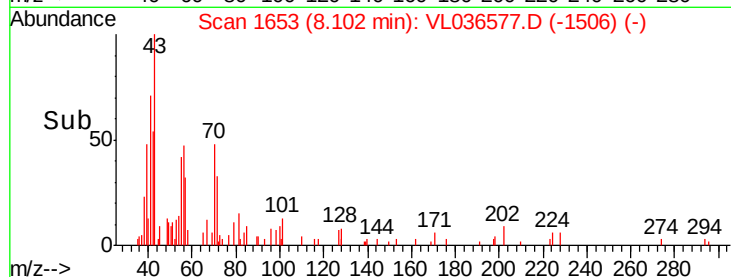
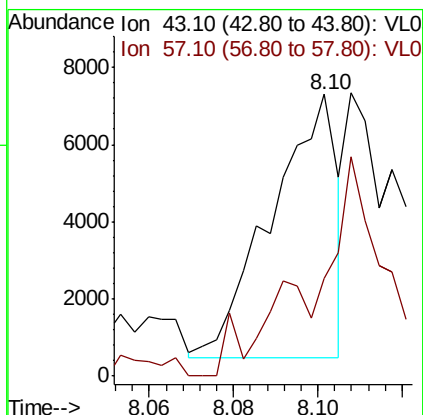
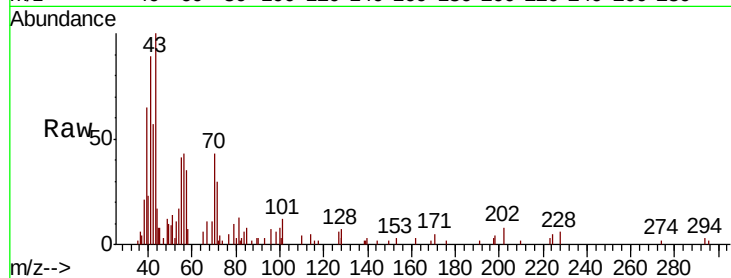




#10
 Heptane
 Concen: 0.033 ppbv
 RT: 8.10 min Scan# 1653
 Delta R.T. -0.03 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

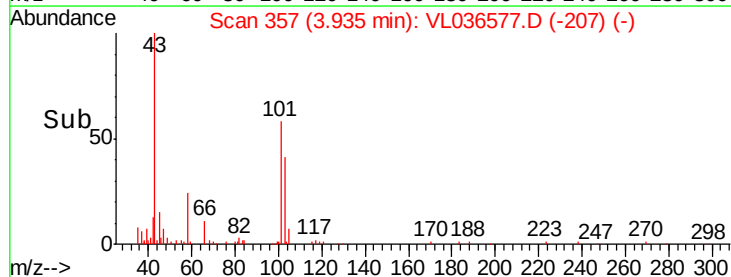
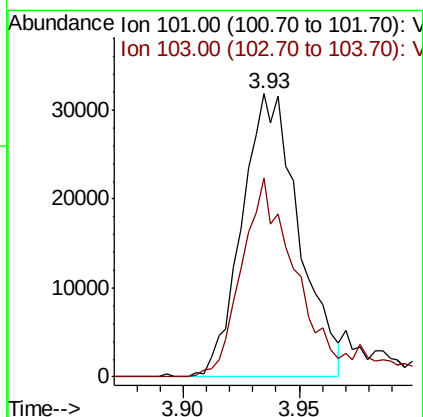
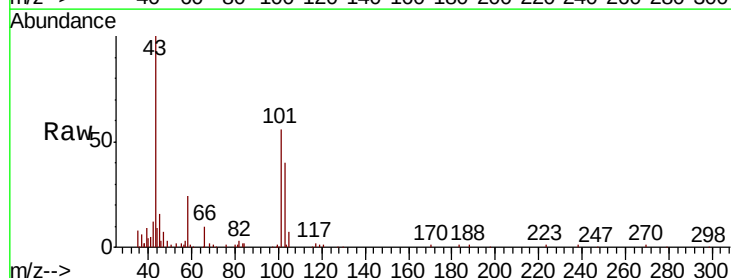
Instrument :
 MSVOA_L
 ClientSampleId :

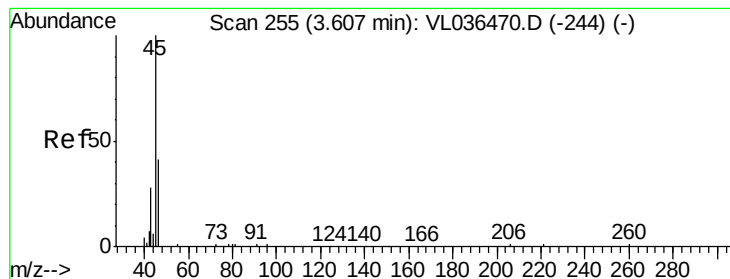
Tot Ion: 43 Resp: 7381
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.0 58.6#



#11
 Trichlorofluoromethane
 Concen: 0.224 ppbv
 RT: 3.93 min Scan# 357
 Delta R.T. -0.02 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Tgt Ion: 101 Resp: 54250
 Ion Ratio Lower Upper
 101 100
 103 70.2 52.5 78.7





#13

Ethanol

Concen: 290.630 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

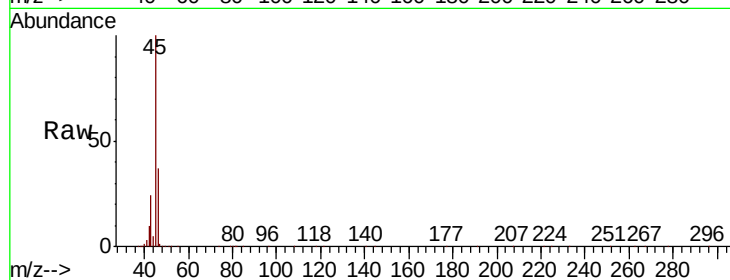
ClientSampleId :

Tot Ion: 45 Resp: 3009726

Ion Ratio Lower Upper

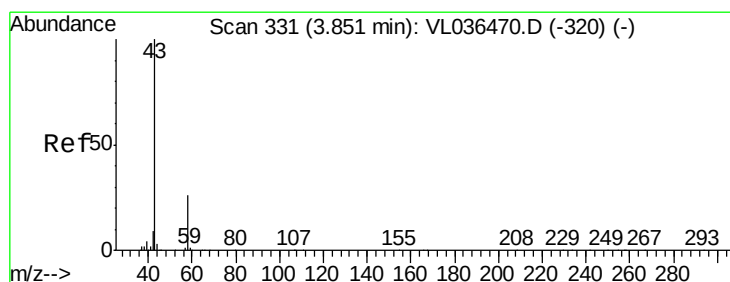
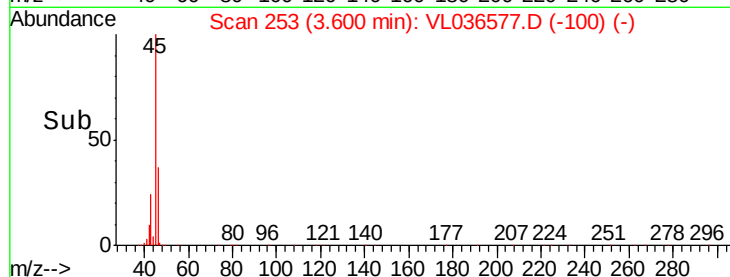
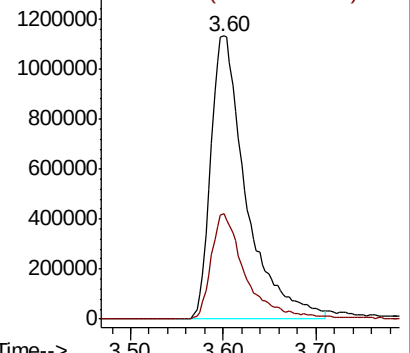
45 100

46 36.8 16.6 66.2



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



#15

Acetone

Concen: 39.544 ppbv

RT: 3.83 min Scan# 325

Delta R.T. -0.02 min

Lab File: VL036577.D

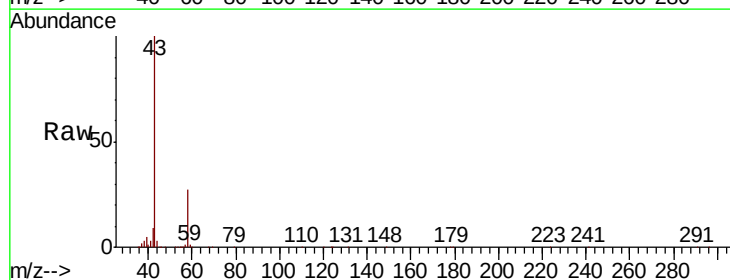
Acq: 30 Mar 2021 19:55

Tgt Ion: 43 Resp: 5682572

Ion Ratio Lower Upper

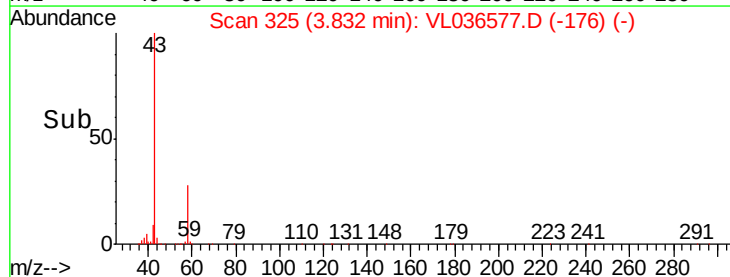
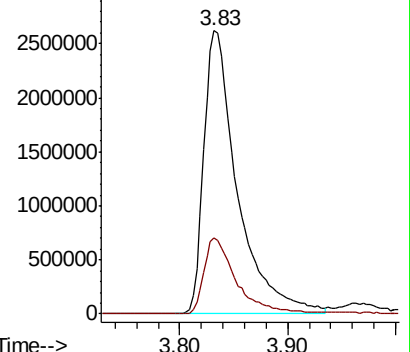
43 100

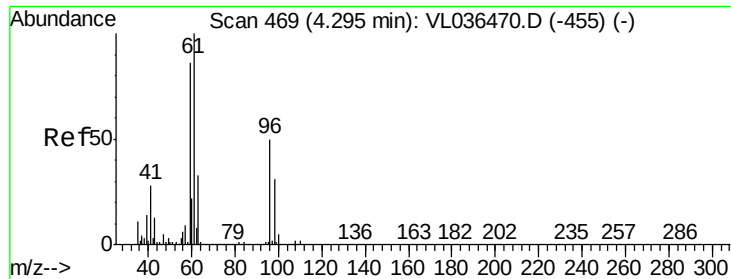
58 26.1 21.2 31.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



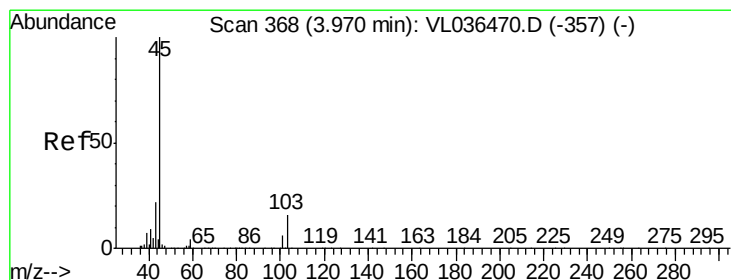
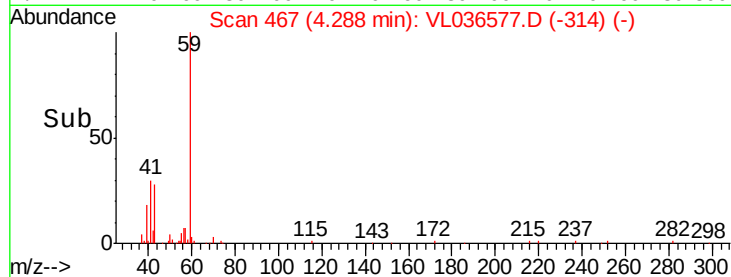
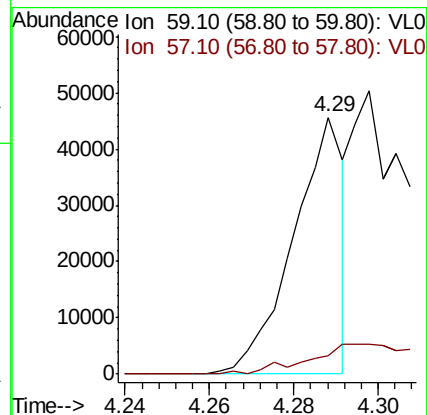
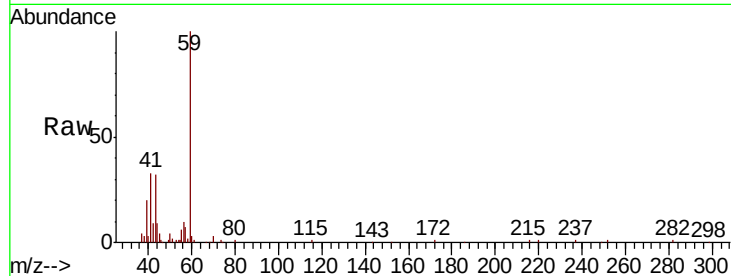


#17

tert-Butyl alcohol
 Concen: 0.302 ppbv
 RT: 4.29 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Instrument :
 MSVOA_L
 ClientSampled :

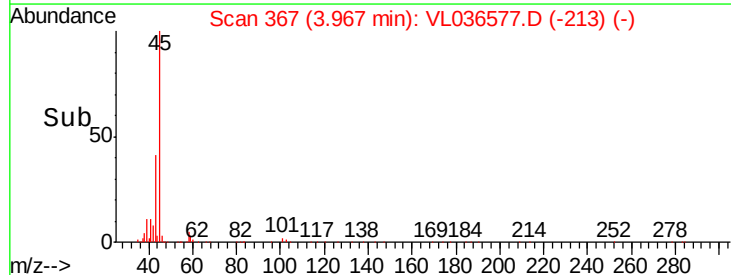
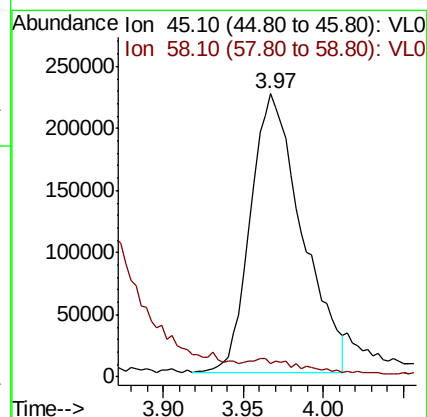
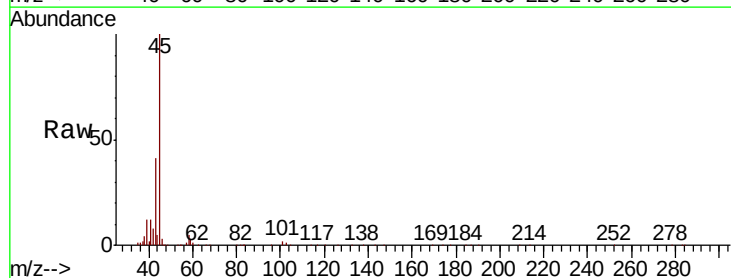
Tot Ion: 59 Resp: 37822
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

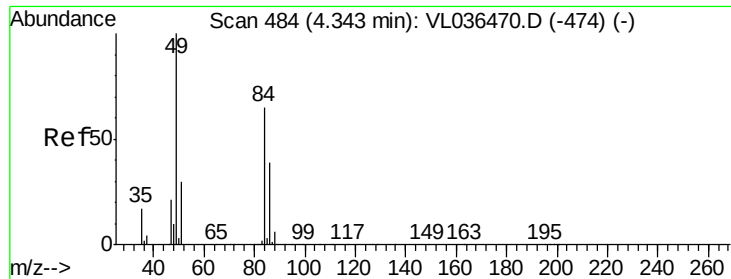


#19

Isopropyl Alcohol
 Concen: 6.269 ppbv
 RT: 3.97 min Scan# 367
 Delta R.T. -0.00 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Tgt Ion: 45 Resp: 495529
 Ion Ratio Lower Upper
 45 100
 58 300.0 2.9 4.3#

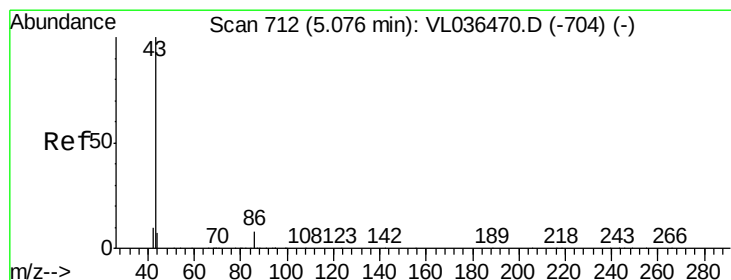
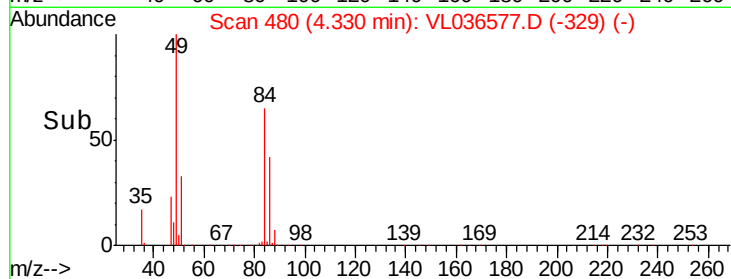
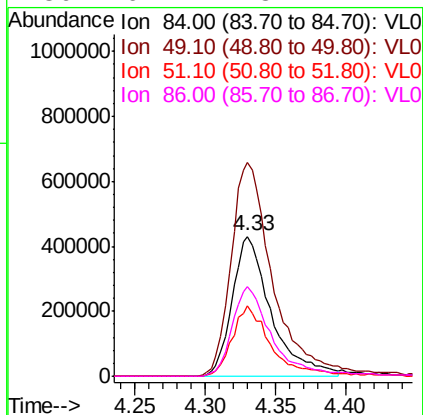
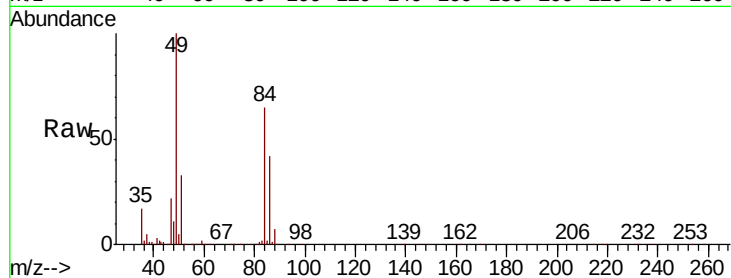




#20
Methylene Chloride
Concen: 12.334 ppbv
RT: 4.33 min Scan# 480
Delta R.T. -0.01 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

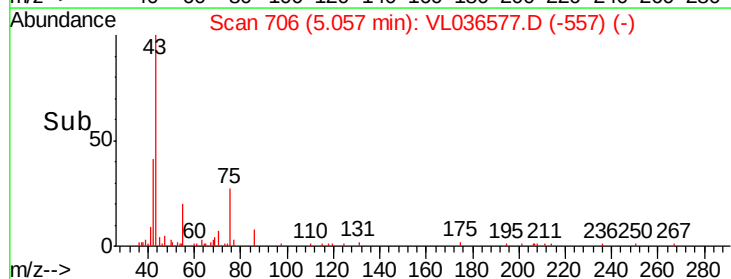
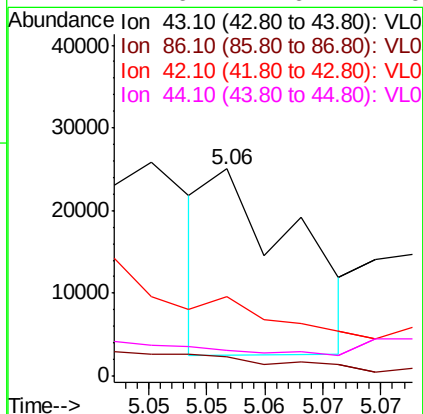
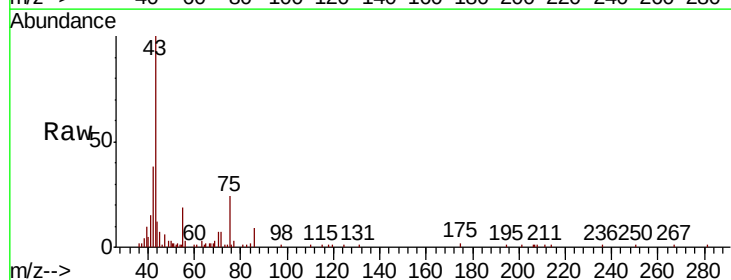
Instrument :
MSVOA_L
ClientSampleId :

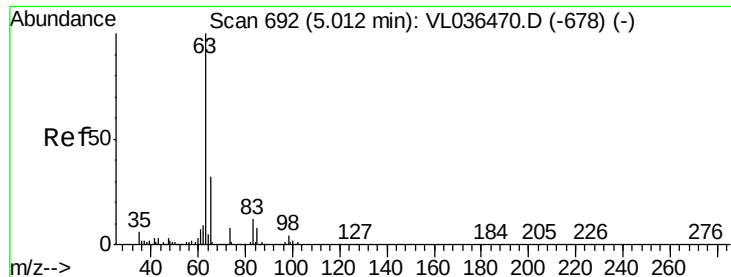
Tot Ion:	84	Resp:	829833
Ion	Ratio	Lower	Upper
84	100		
49	152.9	122.9	184.3
51	50.6	36.9	55.3
86	64.1	48.2	72.4



#23
Vinyl Acetate
Concen: 0.047 ppbv
RT: 5.06 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Tgt Ion:	43	Resp:	11599
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.4	8.0
42	32.3	8.5	12.7#
44	4.6	4.6	7.0#





#24

1,1-Dichloroethane

Concen: 0.065 ppbv

RT: 5.00 min Scan# 687

Delta R.T. -0.02 min

Lab File: VL036577.D

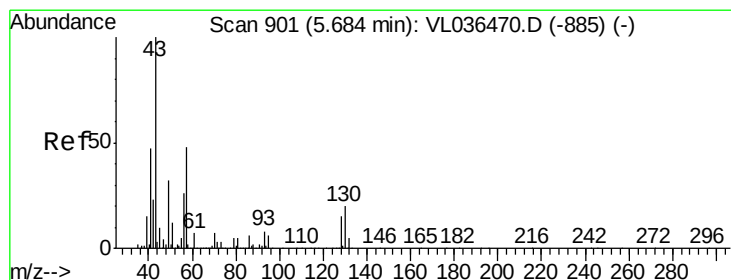
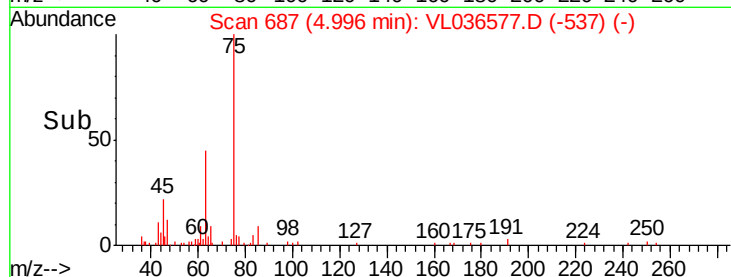
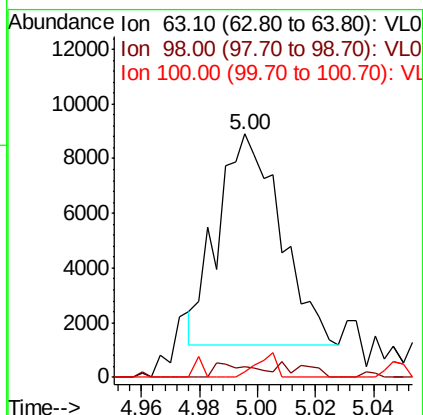
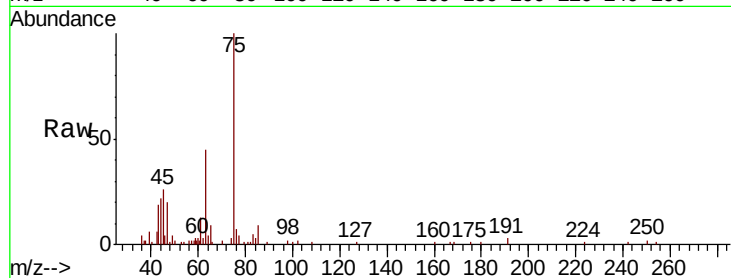
Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	63	Resp:	11637
Ion	Ratio	Lower	Upper
63	100		
98	5.1	2.1	6.2
100	2.8	0.9	2.8



#25

Ethyl Acetate

Concen: 3.101 ppbv

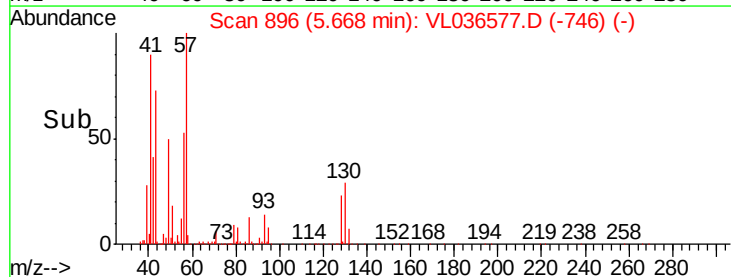
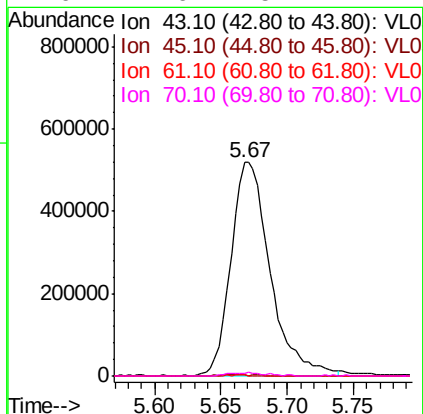
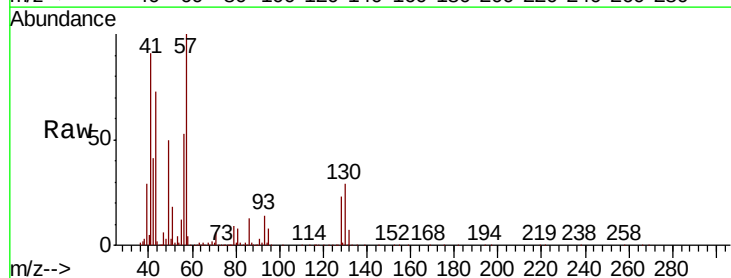
RT: 5.67 min Scan# 896

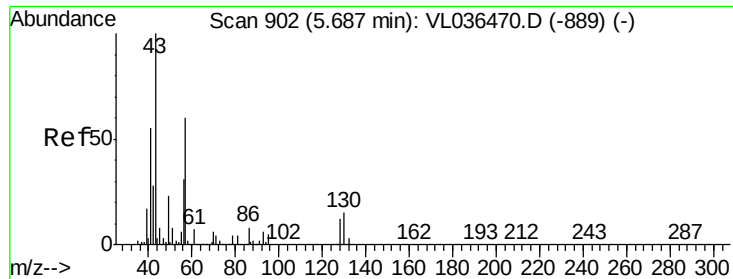
Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Tgt Ion:	43	Resp:	1059346
Ion	Ratio	Lower	Upper
43	100		
45	0.7	7.9	11.9#
61	0.4	7.4	11.2#
70	1.6	5.1	7.7#



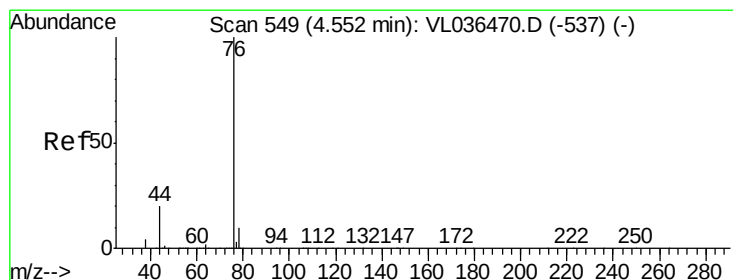
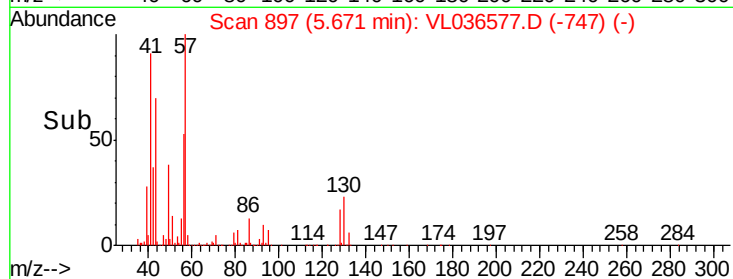
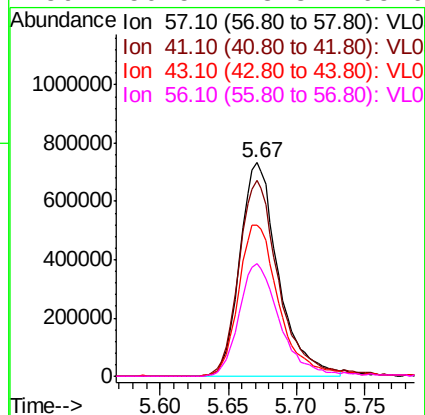
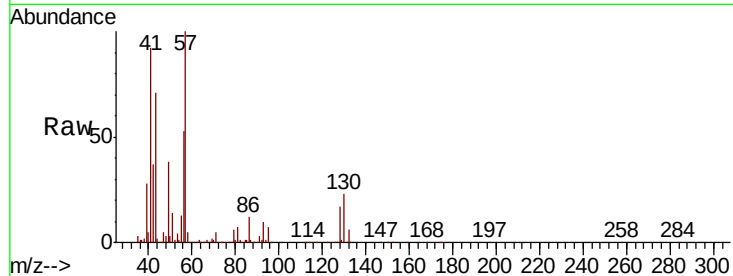


#26
Hexane
Concen: 9.065 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 1437256

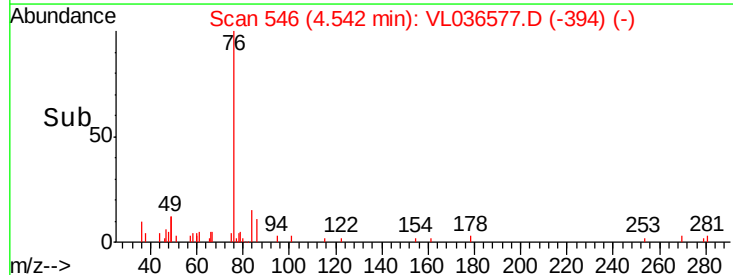
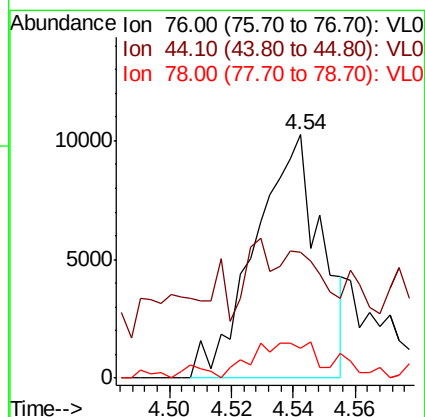
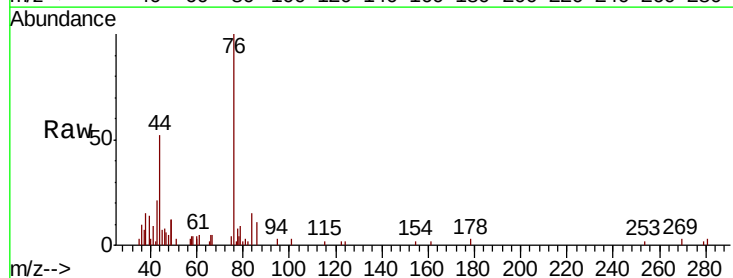
Ion	Ratio	Lower	Upper
57	100		
41	97.3	77.2	115.8
43	76.2	173.8	260.6#
56	56.5	43.8	65.6

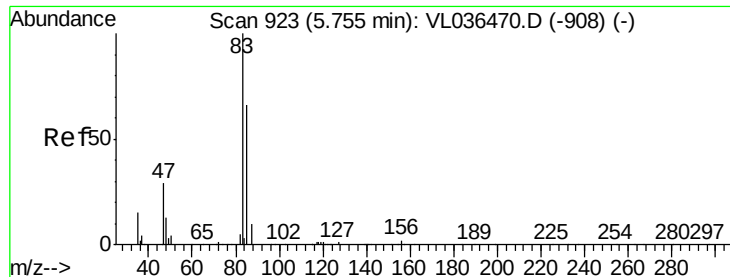


#27
Carbon Disulfide
Concen: 0.096 ppbv
RT: 4.54 min Scan# 546
Delta R.T. -0.01 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Tgt Ion: 76 Resp: 15044

Ion	Ratio	Lower	Upper
76	100		
44	24.4	17.5	26.3
78	22.4	8.6	13.0#





#29

Chloroform

Concen: 1.086 ppbv

RT: 5.74 min Scan# 918

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

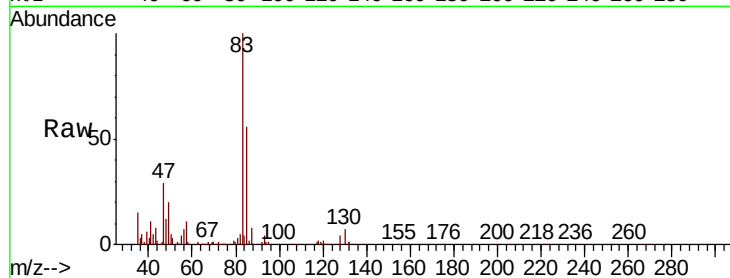
ClientSampleId :

Tot Ion: 83 Resp: 275304

Ion Ratio Lower Upper

83 100

85 54.5 52.6 78.8



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

150000

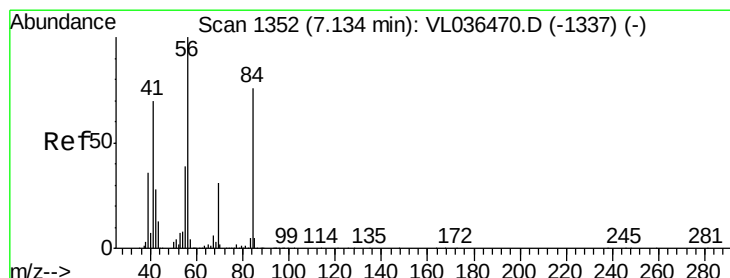
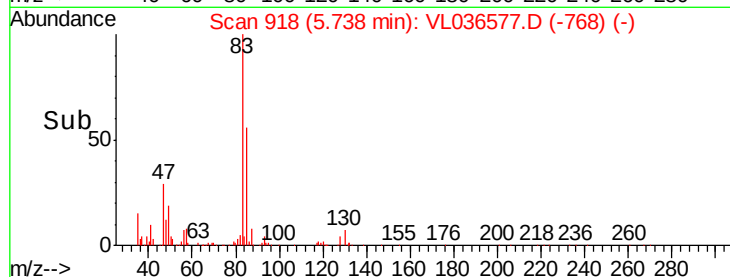
100000

50000

0

5.65 5.70 5.75 5.80

Time-->



#30

Cyclohexane

Concen: 0.021 ppbv

RT: 7.11 min Scan# 1344

Delta R.T. -0.03 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

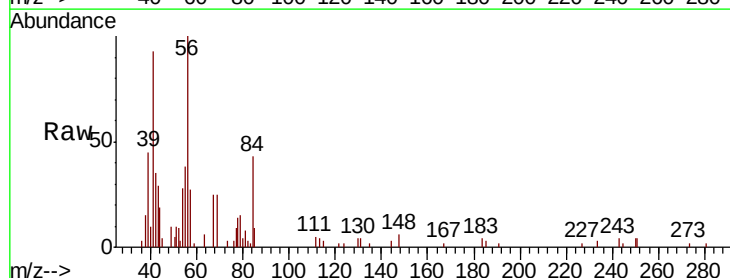
Tgt Ion: 84 Resp: 2677

Ion Ratio Lower Upper

84 100

56 0.0 114.6 171.8#

41 575.4 75.3 112.9#



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

10000

8000

6000

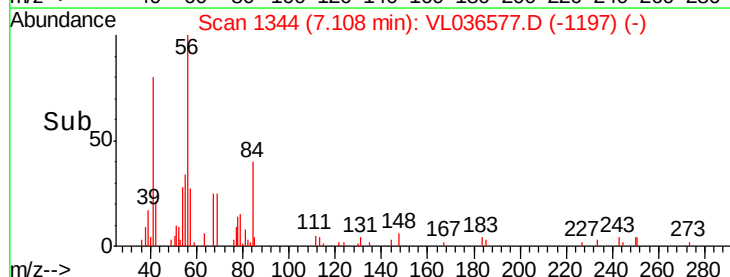
4000

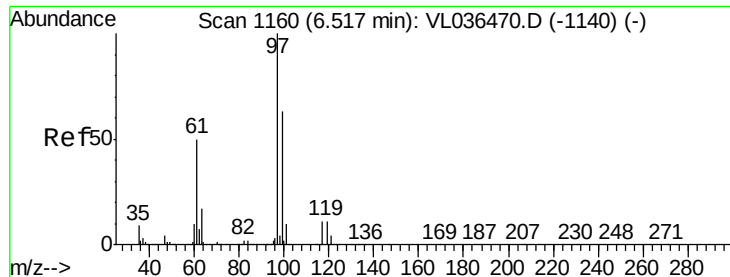
2000

0

7.09 7.10 7.11

Time-->





#32

1,1,1-Trichloroethane

Concen: 0.274 ppbv

RT: 6.50 min Scan# 1154

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

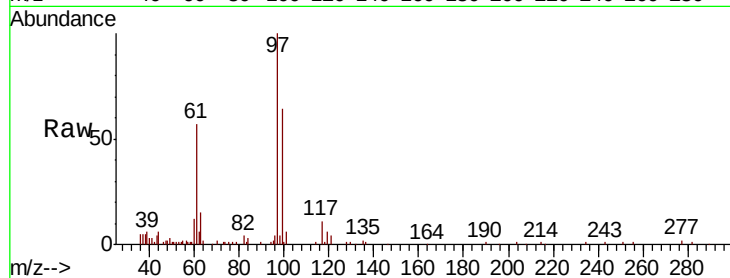
Tot Ion: 97 Resp: 69897

Ion Ratio Lower Upper

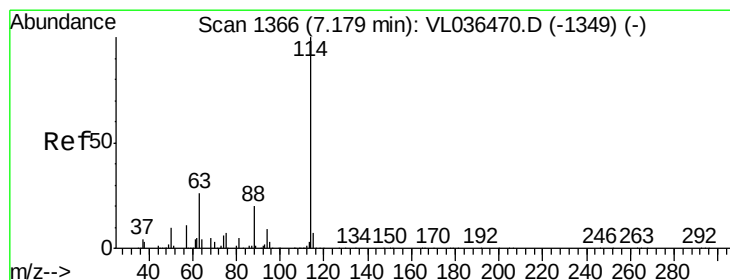
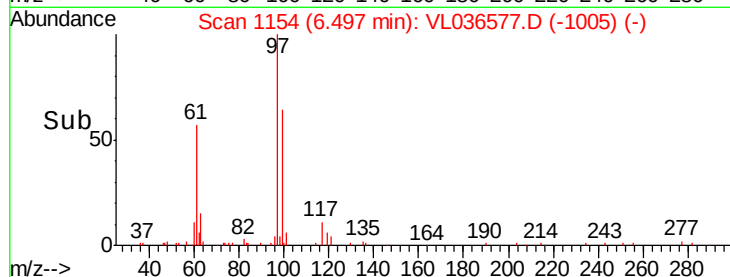
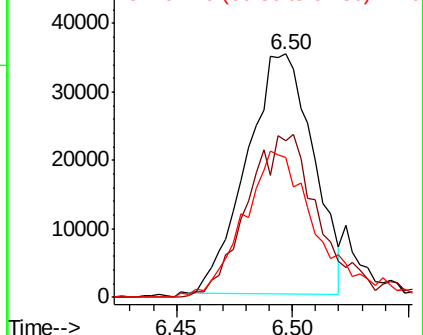
97 100

99 77.1 51.4 77.0#

61 68.1 40.6 60.8#



Abundance Ion 97.00 (96.70 to 97.70): VL0
Ion 99.00 (98.70 to 99.70): VL0
Ion 61.10 (60.80 to 61.80): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

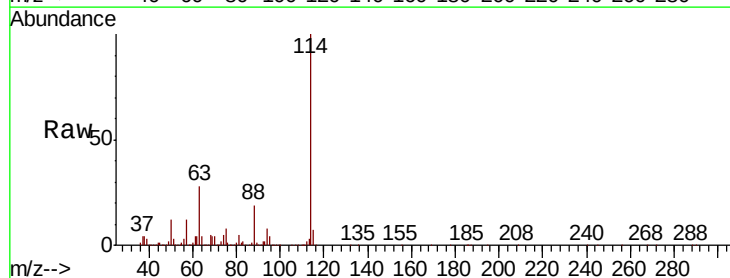
Tgt Ion: 114 Resp: 3341577

Ion Ratio Lower Upper

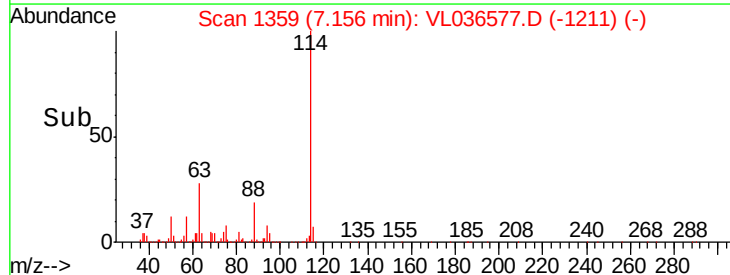
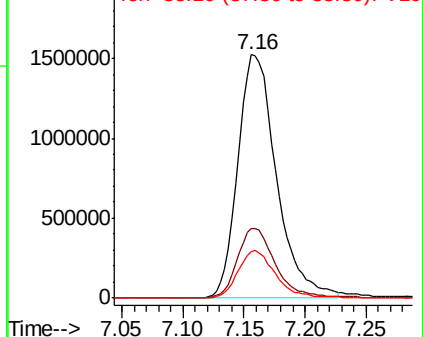
114 100

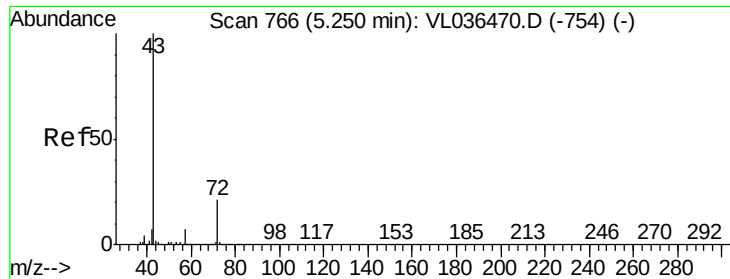
63 28.8 22.4 33.6

88 19.2 15.4 23.0



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

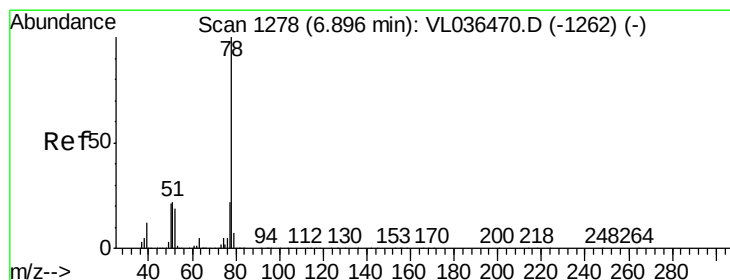
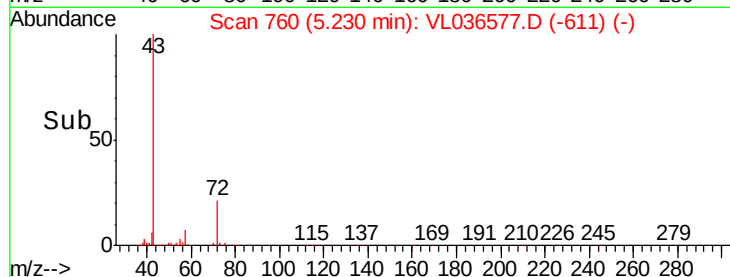
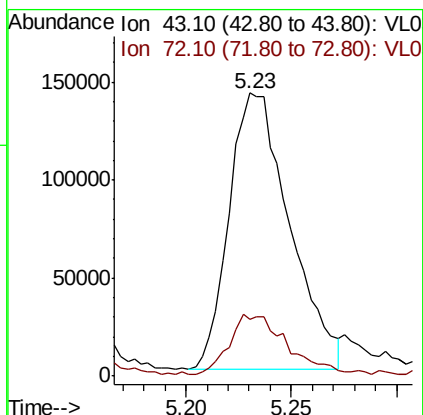
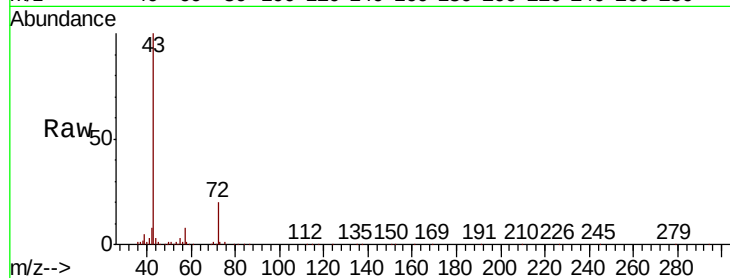




#34
2-Butanone
Concen: 1.726 ppbv
RT: 5.23 min Scan# 760
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

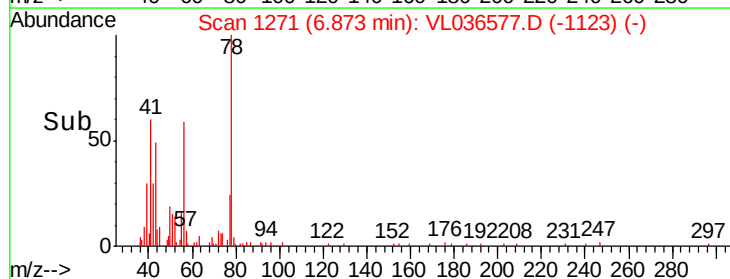
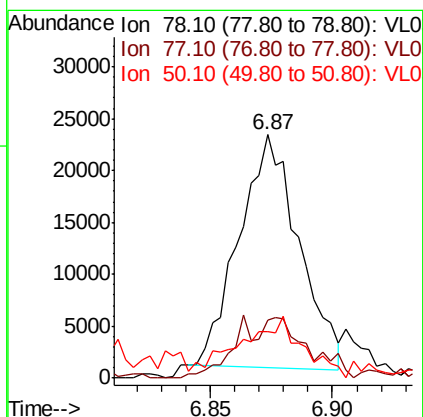
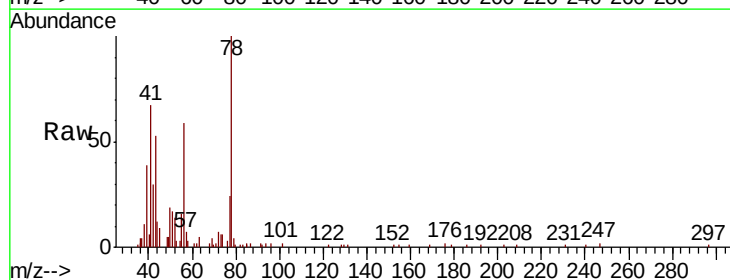
Instrument :
MSVOA_L
ClientSampleId :

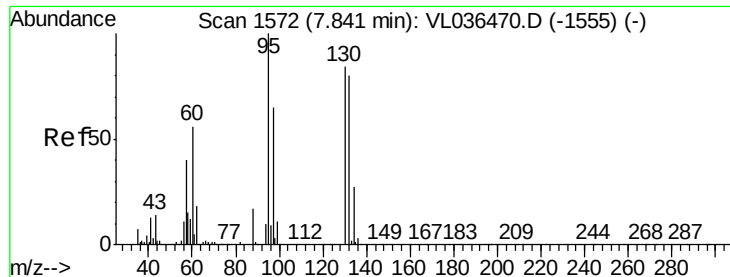
Tot Ion: 43 Resp: 281503
Ion Ratio Lower Upper
43 100
72 24.0 17.0 25.6



#36
Benzene
Concen: 0.124 ppbv
RT: 6.87 min Scan# 1271
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Tgt Ion: 78 Resp: 38239
Ion Ratio Lower Upper
78 100
77 23.0 18.0 27.0
50 17.3 16.5 24.7

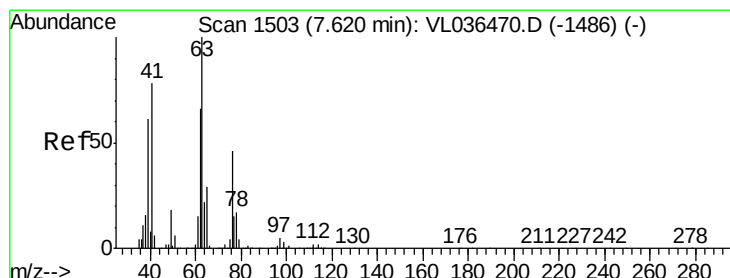
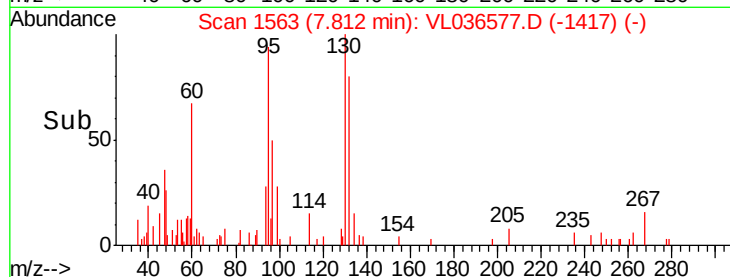
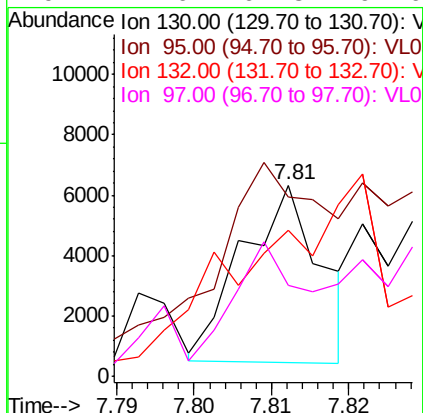
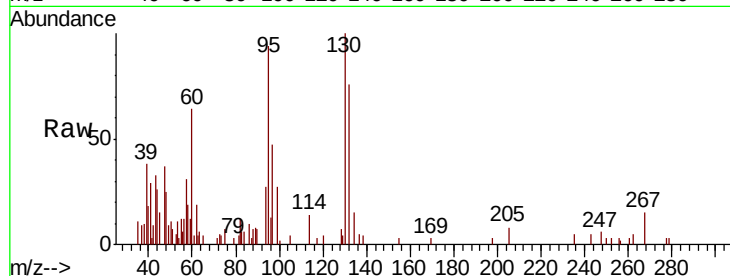




#38
 Trichloroethene
 Concen: 0.035 ppbv
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.03 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

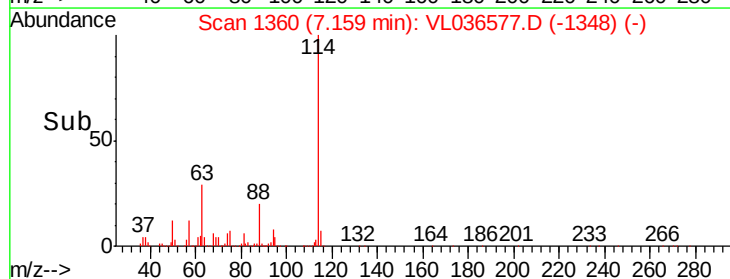
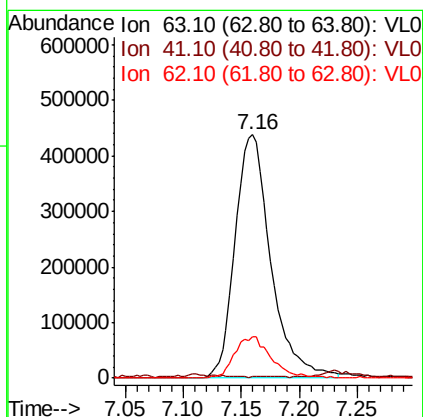
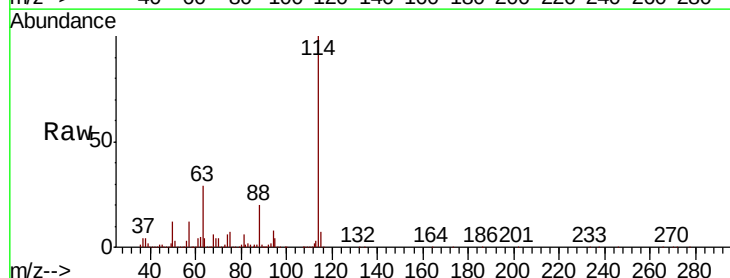
Instrument :
 MSVOA_L
 ClientSampleId :

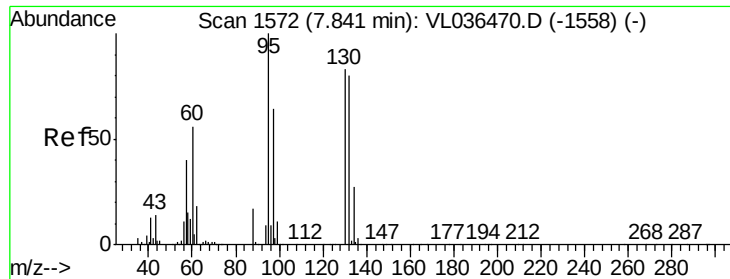
Tot Ion:130 Resp: 4142
 Ion Ratio Lower Upper
 130 100
 95 59.9 95.7 143.5#
 132 46.5 76.2 114.4#
 97 44.6 61.8 92.6#



#39
 1,2-Dichloropropane
 Concen: 7.501 ppbv
 RT: 7.16 min Scan# 1360
 Delta R.T. -0.46 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Tgt Ion: 63 Resp: 937718
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.4 93.6#
 62 17.1 52.8 79.2#





#40

1,4-Dioxane

Concen: 0.061 ppbv

RT: 7.82 min Scan# 1566

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

ClientSampled :

Tot Ion: 88 Resp: 1772

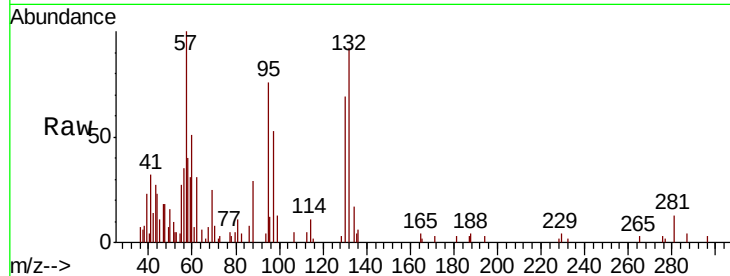
Ion Ratio Lower Upper

88 100

58 0.0 134.1 201.1#

43 0.0 346.6 520.0#

57 0.0 1481.8 2222.8#

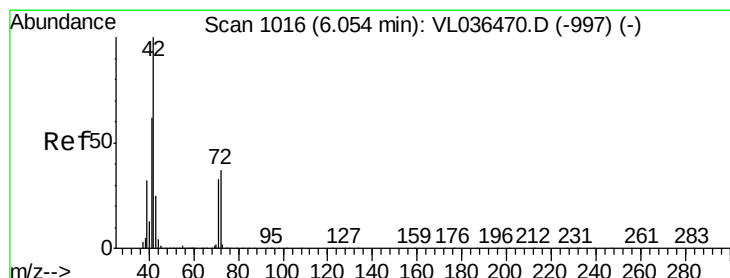
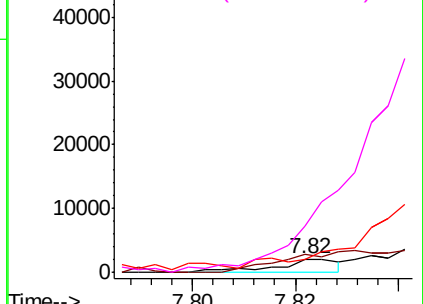
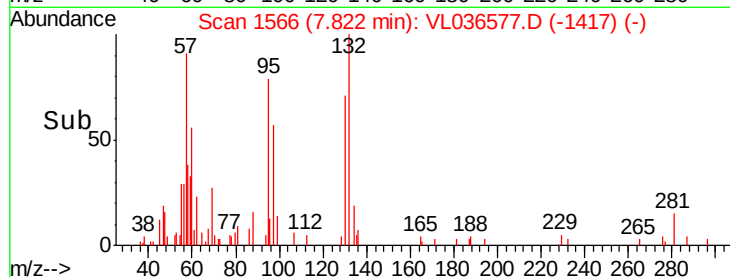


Abundance Ion 88.10 (87.80 to 88.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#41

Tetrahydrofuran

Concen: 0.087 ppbv

RT: 6.01 min Scan# 1002

Delta R.T. -0.05 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

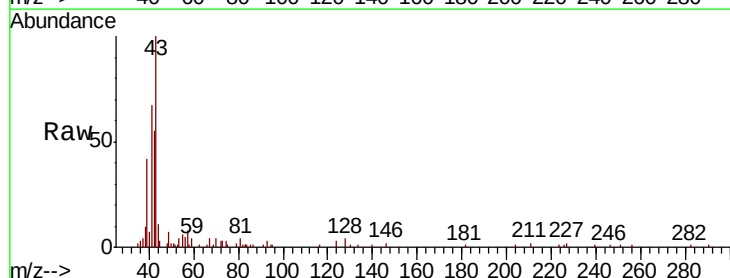
Tgt Ion: 42 Resp: 6514

Ion Ratio Lower Upper

42 100

72 33.5 27.6 41.4

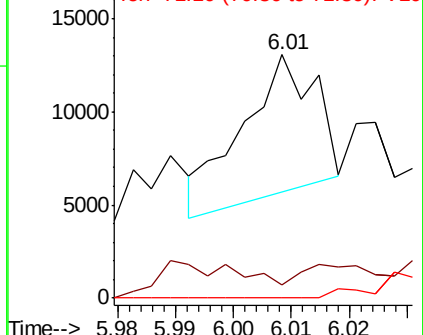
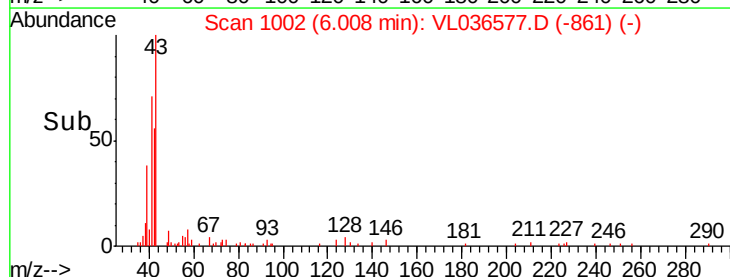
71 0.0 27.0 40.4#

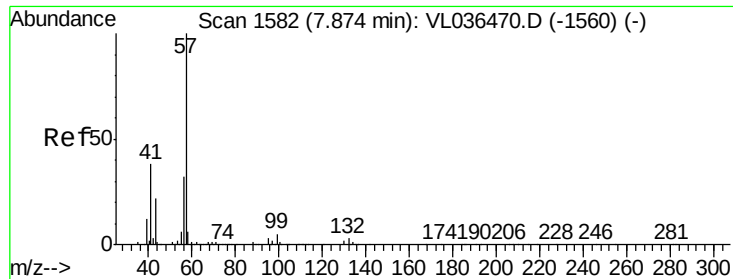


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0

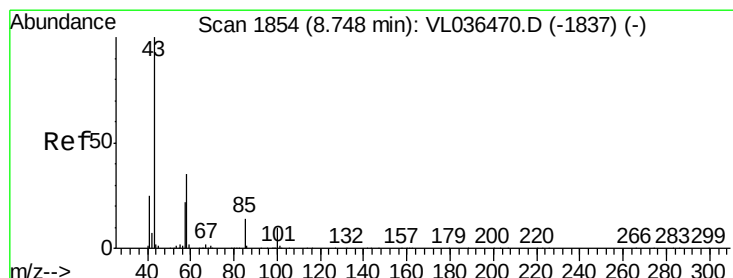
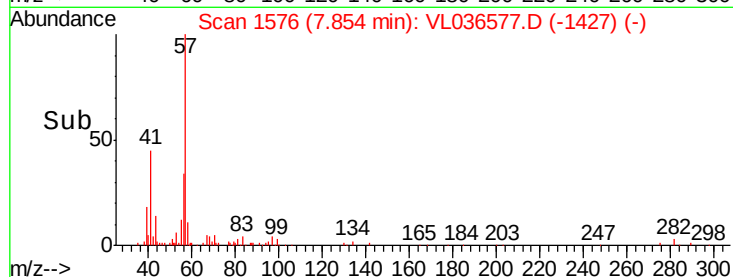
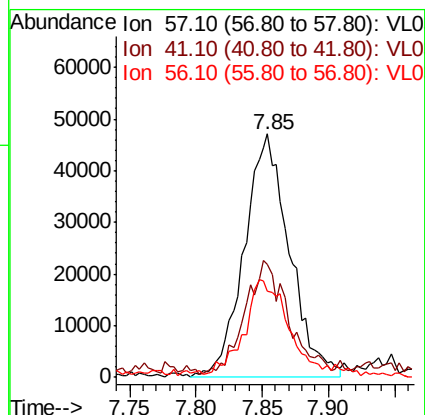
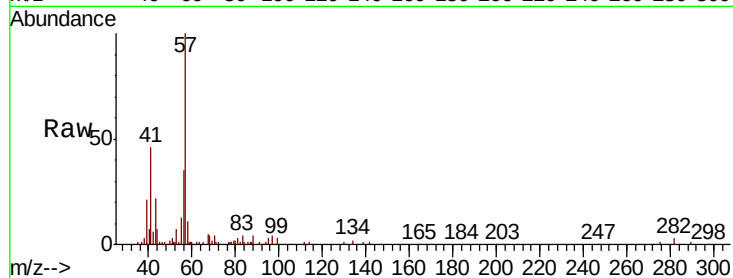




#44
 2,2,4-Trimethylpentane
 Concen: 0.207 ppbv
 RT: 7.85 min Scan# 1576
 Delta R.T. -0.02 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

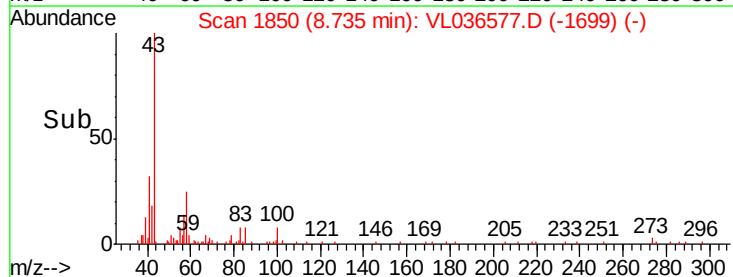
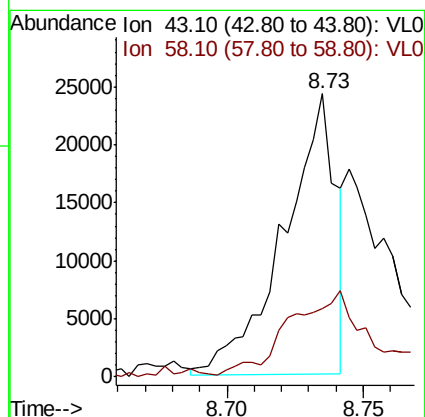
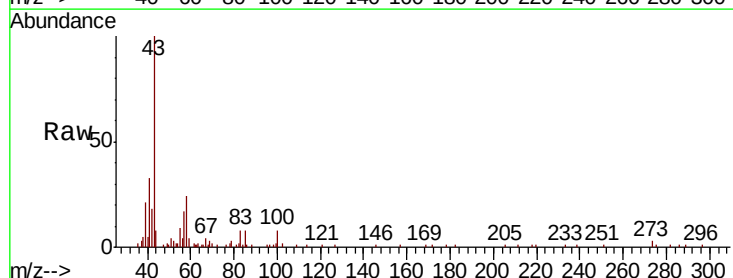
Instrument :
 MSVOA_L
 ClientSampleId :

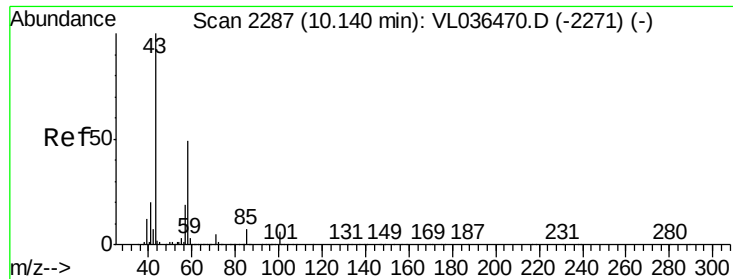
Tot Ion: 57 Resp: 112099
 Ion Ratio Lower Upper
 57 100
 41 46.0 28.8 43.2#
 56 42.7 26.1 39.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.135 ppbv
 RT: 8.73 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Tgt Ion: 43 Resp: 31796
 Ion Ratio Lower Upper
 43 100
 58 0.0 28.2 42.2#

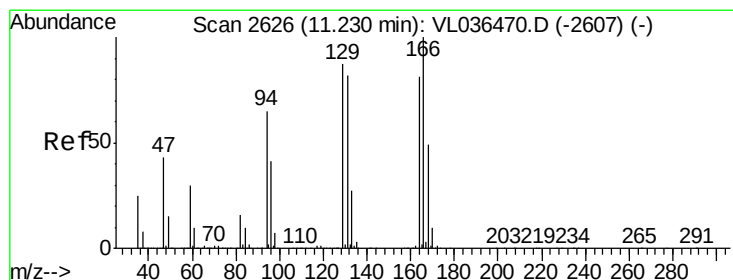
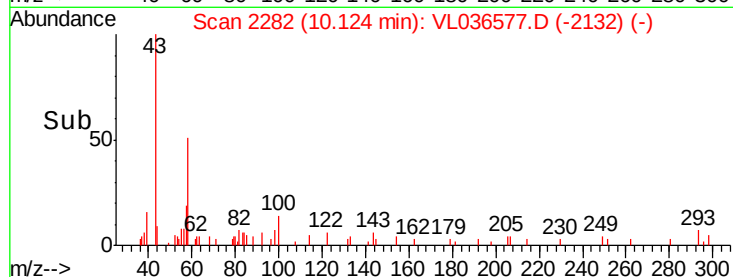
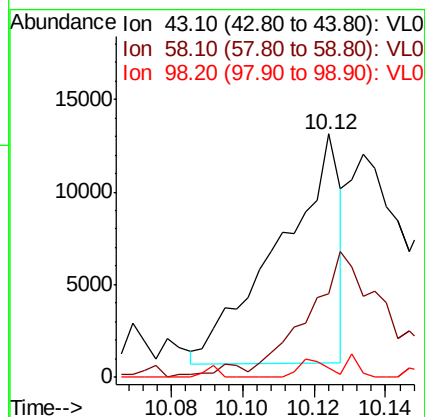
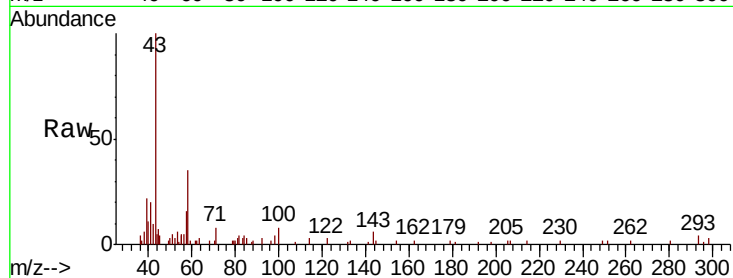




#51
2-Hexanone
Concen: 0.123 ppbv
RT: 10.12 min Scan# 2282
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

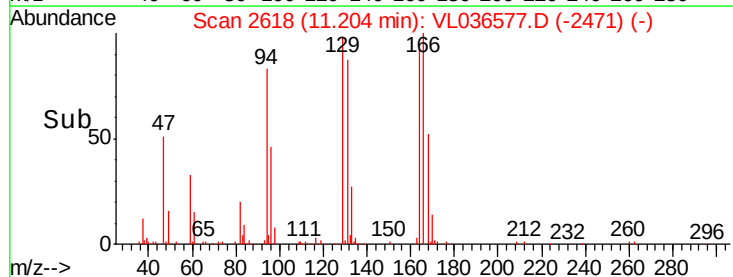
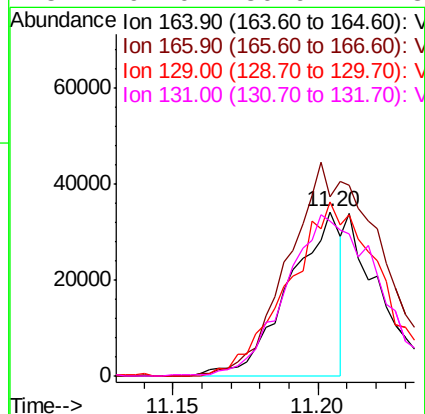
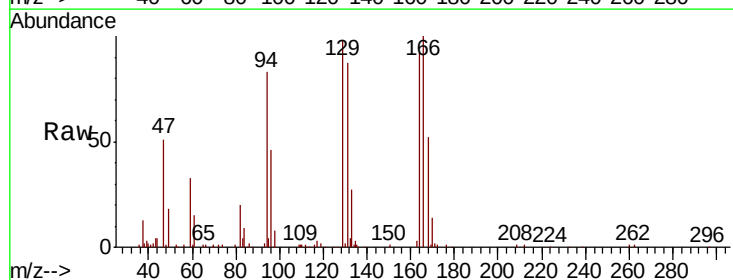
Instrument :
MSVOA_L
ClientSampleId :

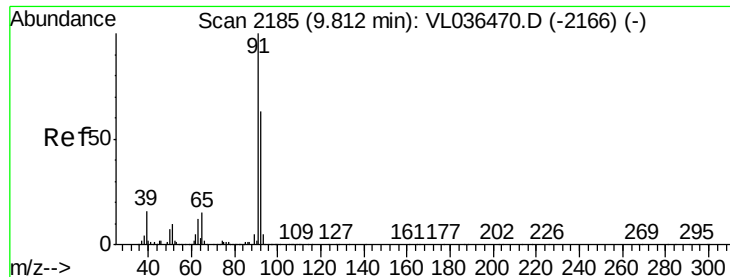
Tot Ion: 43 Resp: 14704
Ion Ratio Lower Upper
43 100
58 0.0 37.7 56.5#
98 0.0 0.2 0.2#



#52
Tetrachloroethene
Concen: 0.371 ppbv
RT: 11.20 min Scan# 2618
Delta R.T. -0.03 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Tgt Ion: 164 Resp: 42122
Ion Ratio Lower Upper
164 100
166 109.0 98.3 147.5
129 106.5 85.8 128.8
131 94.0 80.9 121.3





#53

Toluene

Concen: 0.676 ppbv

RT: 9.79 min Scan# 2178

Delta R.T. -0.02 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

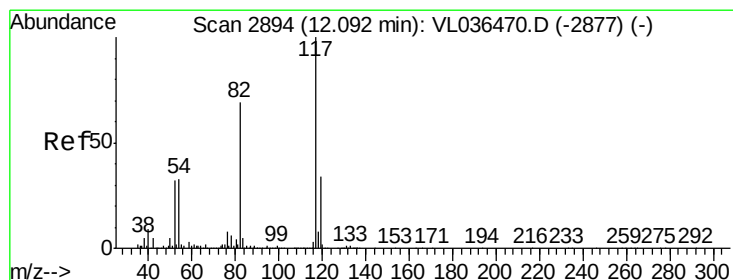
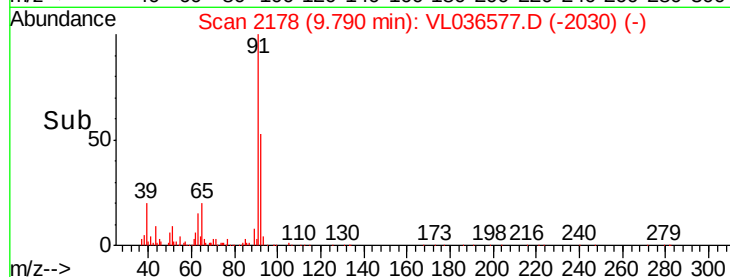
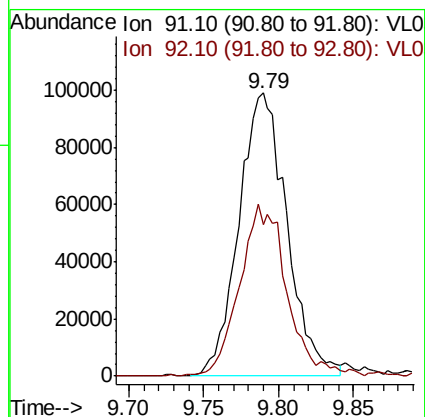
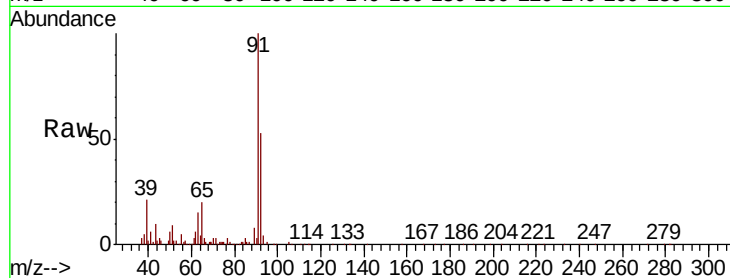
ClientSampleId :

Tot Ion: 91 Resp: 221785

Ion Ratio Lower Upper

91 100

92 60.1 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

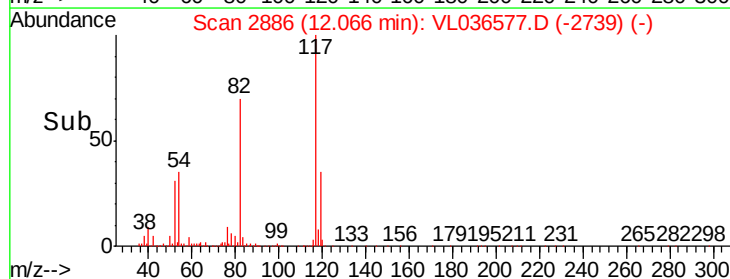
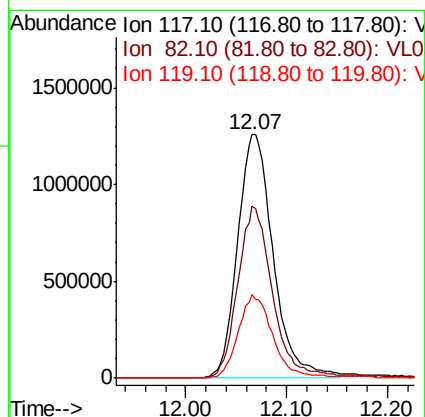
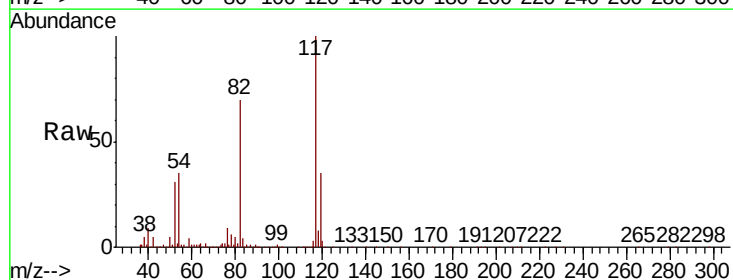
Tgt Ion: 117 Resp: 3087416

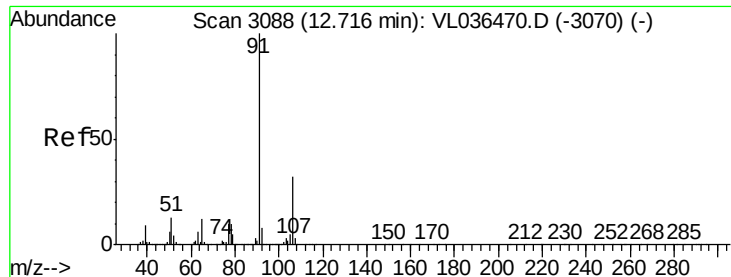
Ion Ratio Lower Upper

117 100

82 68.6 57.4 86.0

119 33.8 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.094 ppbv

RT: 12.95 min Scan# 3161

Delta R.T. 0.23 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

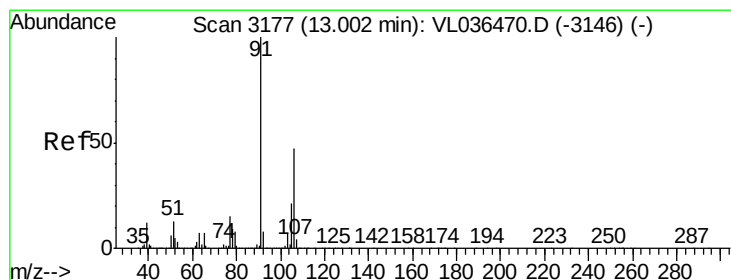
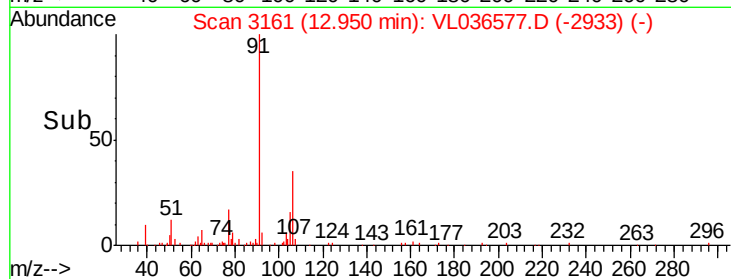
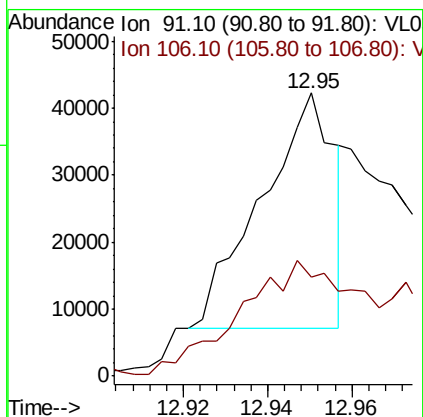
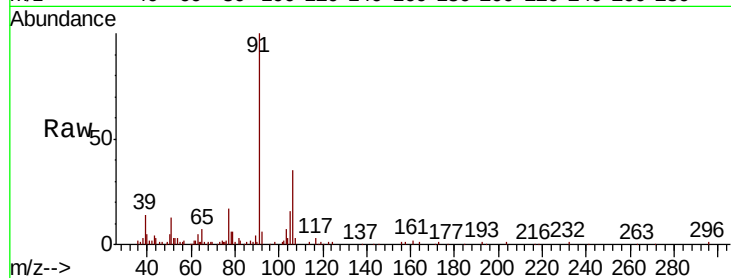
ClientSampleId :

Tot Ion: 91 Resp: 42124

Ion Ratio Lower Upper

91 100

106 29.0 25.3 37.9



#59

m/p-Xylene

Concen: 0.027 ppbv

RT: 12.99 min Scan# 3174

Delta R.T. -0.01 min

Lab File: VL036577.D

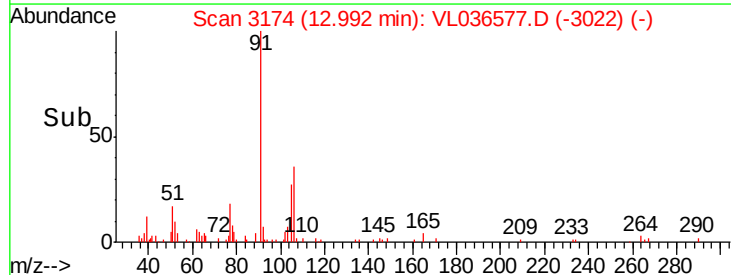
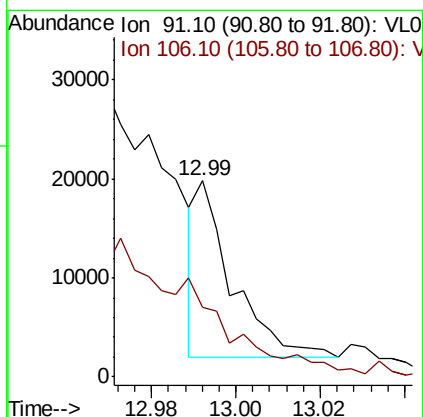
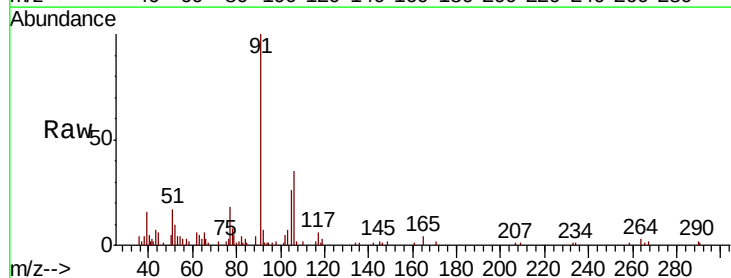
Acq: 30 Mar 2021 19:55

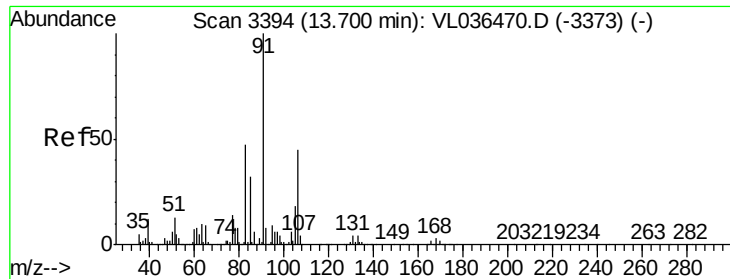
Tgt Ion: 91 Resp: 10492

Ion Ratio Lower Upper

91 100

106 0.0 35.3 52.9#

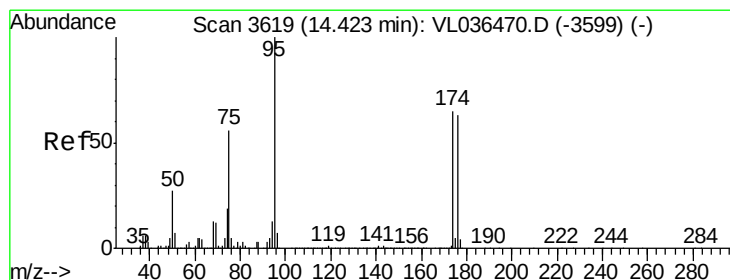
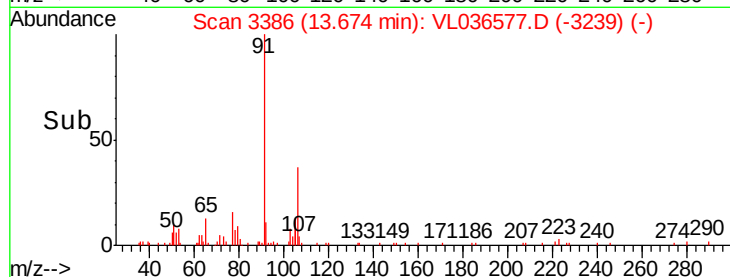
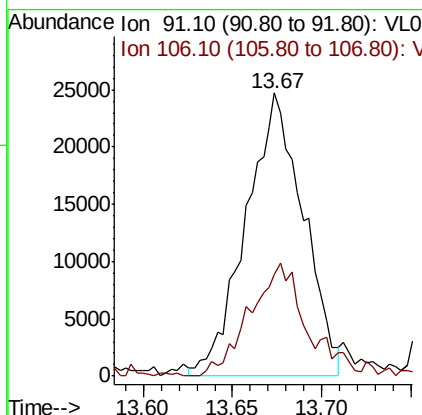
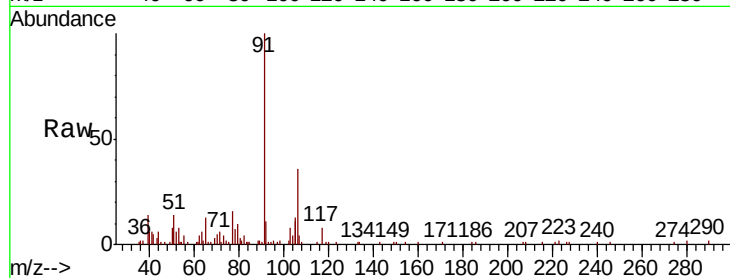




#60
o-Xylene
Concen: 0.146 ppbv
RT: 13.67 min Scan# 3386
Delta R.T. -0.03 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

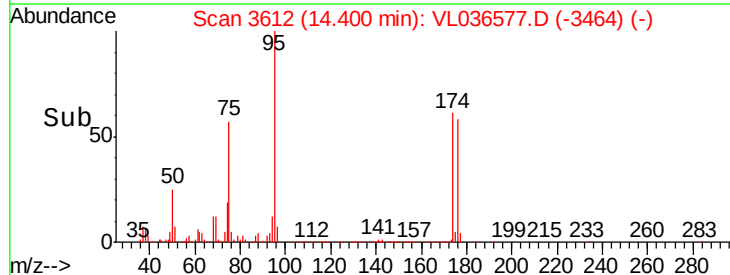
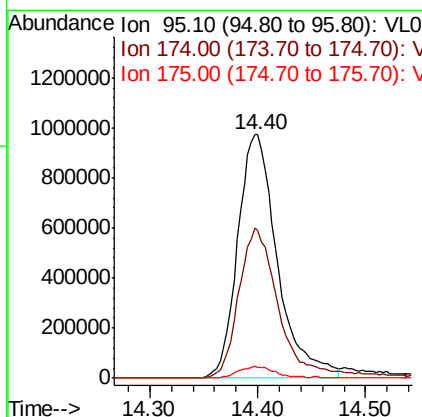
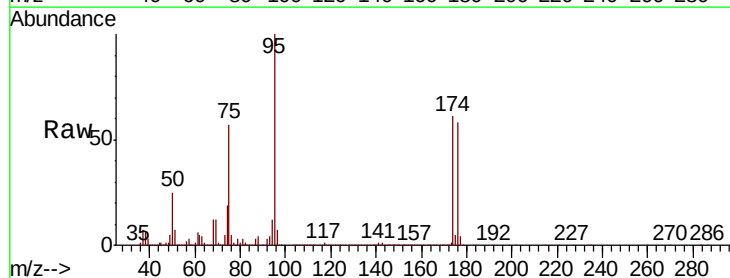
Instrument :
MSVOA_L
ClientSampled :

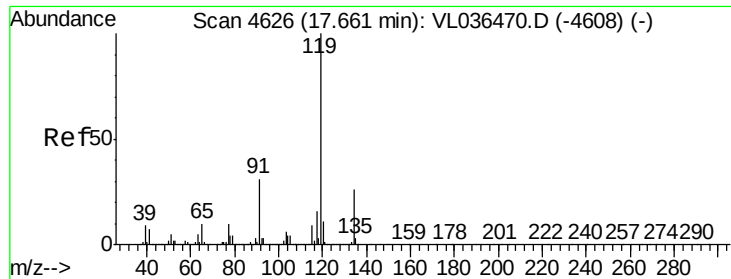
Tot Ion: 91 Resp: 55291
Ion Ratio Lower Upper
91 100
106 41.0 22.3 66.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.124 ppbv
RT: 14.40 min Scan# 3612
Delta R.T. -0.02 min
Lab File: VL036577.D
Acq: 30 Mar 2021 19:55

Tgt Ion: 95 Resp: 2491212
Ion Ratio Lower Upper
95 100
174 64.3 51.0 76.6
175 4.8 3.9 5.9

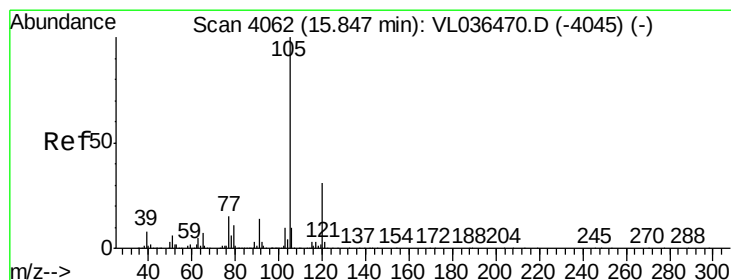
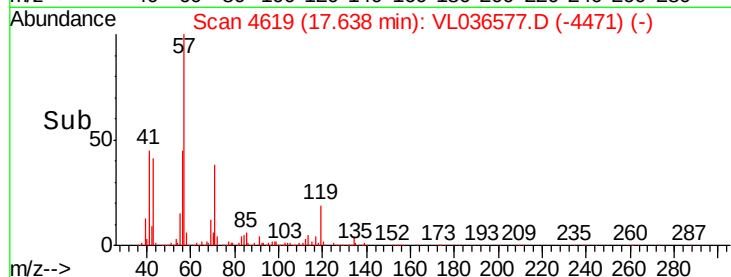
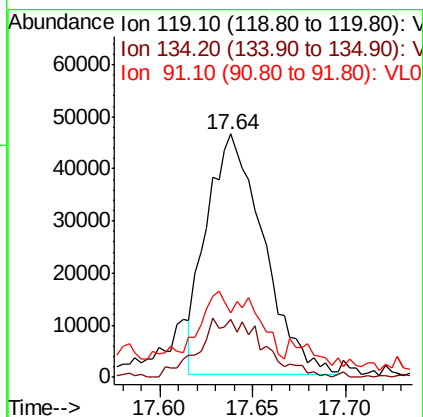
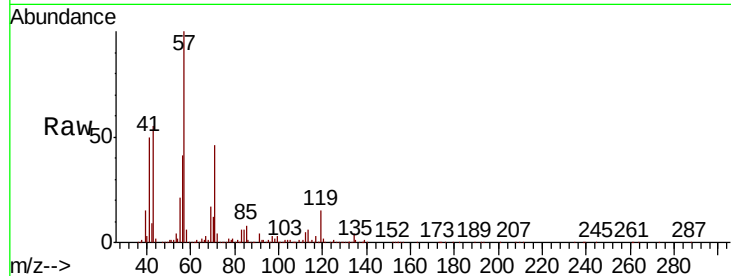




#69
 p-Isopropyltoluene
 Concen: 0.202 ppbv
 RT: 17.64 min Scan# 4619
 Delta R.T. -0.02 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

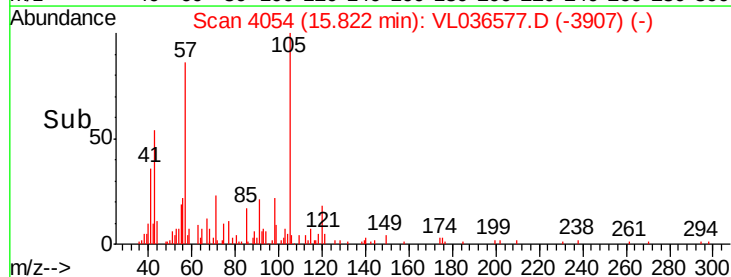
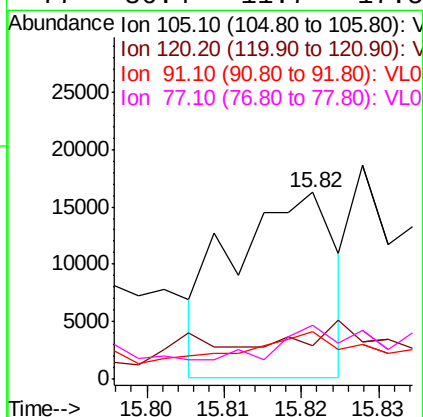
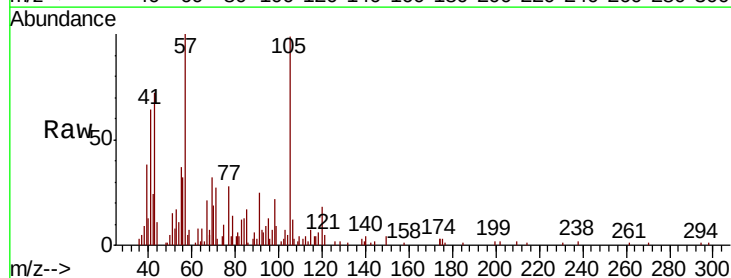
Instrument :
 MSVOA_L
 ClientSampleId :

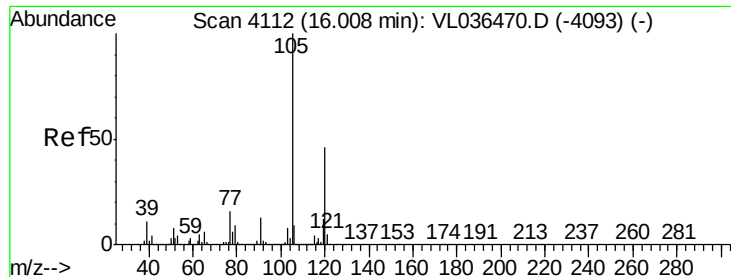
Tot Ion	Ratio	Lower	Upper
119	100		
134	28.5	20.6	30.8
91	48.8	25.0	37.6



#72
 4-Ethyltoluene
 Concen: 0.036 ppbv
 RT: 15.82 min Scan# 4054
 Delta R.T. -0.03 min
 Lab File: VL036577.D
 Acq: 30 Mar 2021 19:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.0	36.0
91	46.8	11.0	16.4
77	36.4	11.7	17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.051 ppbv

RT: 15.98 min Scan# 4104

Delta R.T. -0.03 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

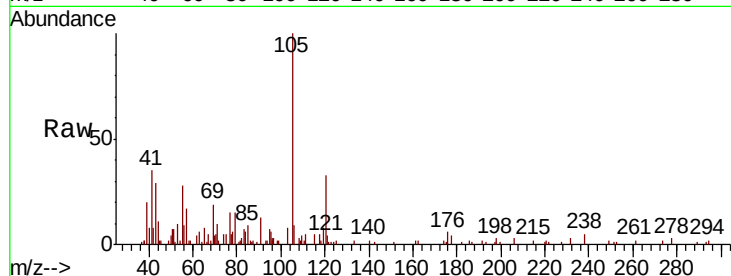
ClientSampleId :

Tot Ion:105 Resp: 19783

Ion Ratio Lower Upper

105 100

120 31.7 36.6 54.8#



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

15.98

15000

10000

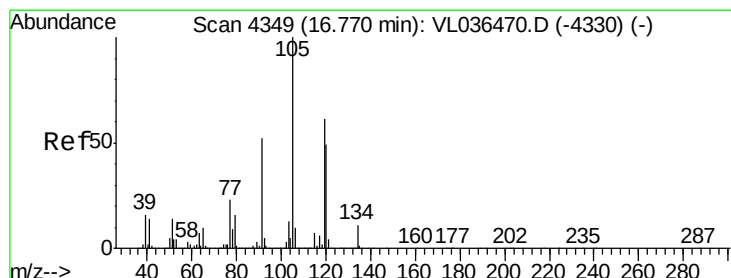
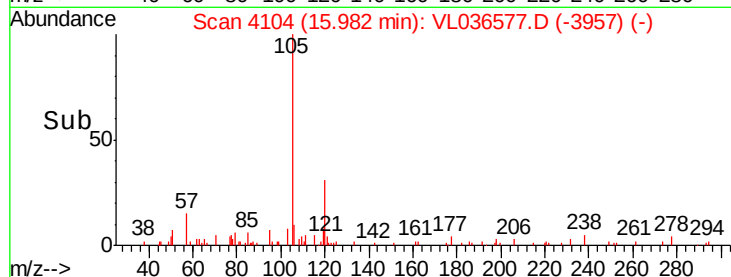
5000

0

Time-->

15.95

16.00



#74

1,2,4-Trimethylbenzene

Concen: 0.276 ppbv

RT: 16.74 min Scan# 4341

Delta R.T. -0.03 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Tgt Ion:105 Resp: 114584

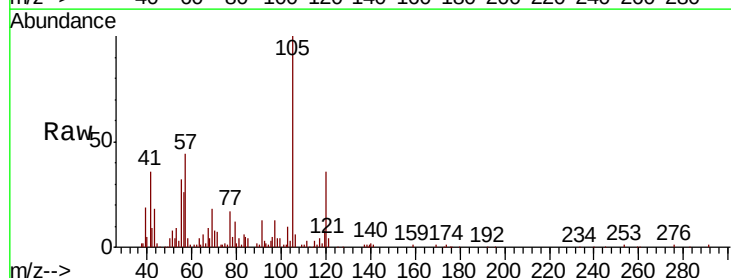
Ion Ratio Lower Upper

105 100

120 34.6 39.2 58.8#

91 10.7 42.6 64.0#

77 12.2 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

80000

60000

40000

20000

0

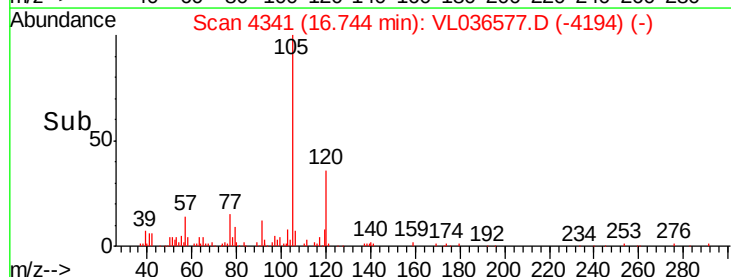
Time-->

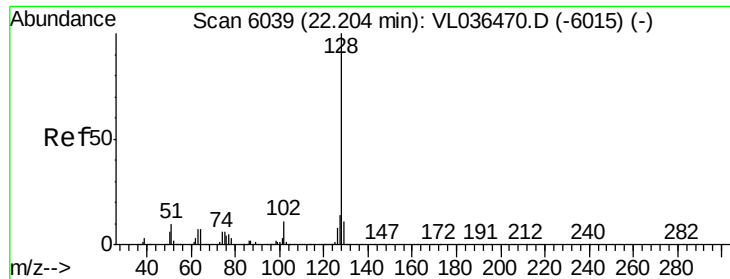
16.65

16.70

16.75

16.80





#79

Naphthalene

Concen: 0.121 ppbv

RT: 22.17 min Scan# 6030

Delta R.T. -0.03 min

Lab File: VL036577.D

Acq: 30 Mar 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

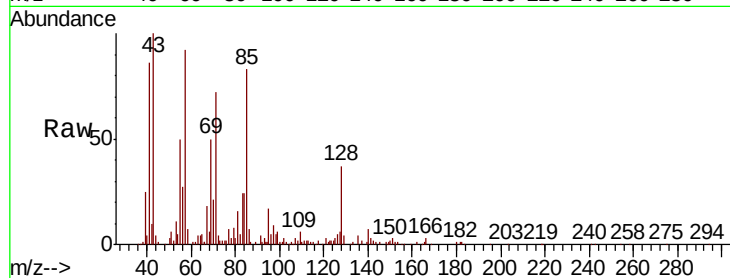
Tot Ion:128 Resp: 29285

Ion Ratio Lower Upper

128 100

127 14.4 10.9 16.3

129 10.6 9.0 13.4



Abundance

Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V

