

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036813.D
 Acq On : 13 Apr 2021 21:39
 Operator : SY/AP
 Sample : M2018-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 14 04:42:41 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	5.66	49	1311192	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3374424	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2681182	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1931943	9.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.40%

Target Compounds					Ovalue
3) Chlorodifluoromethane	2.99	51	60316	0.246 ppbv	# 86
4) Chloromethane	3.13	50	8446	0.098 ppbv	# 80
9) Propene	3.02	41	97672	1.251 ppbv	# 73
10) Heptane	8.12	43	1514288	7.611 ppbv	99
11) Trichlorofluoromethane	3.95	101	44523	0.204 ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.49	101	4749	0.034 ppbv	# 6
13) Ethanol	3.62	45	96216	10.346 ppbv	# 9
15) Acetone	3.84	43	3068821	23.780 ppbv	99
17) tert-Butyl alcohol	4.31	59	95620	0.851 ppbv	# 62
19) Isopropyl Alcohol	3.98	45	567279	7.991 ppbv	# 1
20) Methylene Chloride	4.34	84	2231037	36.924 ppbv	94
23) Vinyl Acetate	5.05	43	114028	0.517 ppbv	# 1
25) Ethyl Acetate	5.68	43	1229807	4.008 ppbv	# 78
26) Hexane	5.68	57	1664261	11.689 ppbv	# 47
27) Carbon Disulfide	4.55	76	62542	0.446 ppbv	# 84
29) Chloroform	5.75	83	9279	0.041 ppbv	# 76
30) Cyclohexane	7.13	84	211635	1.833 ppbv	# 83
34) 2-Butanone	5.24	43	151437	0.919 ppbv	# 90
36) Benzene	6.89	78	30395	0.098 ppbv	97
39) 1,2-Dichloropropane	7.17	63	871828	6.906 ppbv	# 24
41) Tetrahydrofuran	6.32	42	55294	0.728 ppbv	# 41
42) Bromodichloromethane	7.79	83	55581	0.223 ppbv	# 25
44) 2,2,4-Trimethylpentane	7.87	57	161209	0.294 ppbv	# 1
50) 4-Methyl-2-Pentanone	8.76	43	40542	0.170 ppbv	# 40
51) 2-Hexanone	10.13	43	11665	0.097 ppbv	# 45
52) Tetrachloroethene	11.22	164	4170	0.036 ppbv	# 7
53) Toluene	9.81	91	955447	2.883 ppbv	99
58) Ethyl Benzene	12.71	91	233729	0.599 ppbv	94
59) m/p-Xylene	12.97	91	602183	1.770 ppbv	92
60) o-Xylene	13.69	91	185880	0.565 ppbv	99
61) Styrene	13.53	104	342535	2.070 ppbv	98
62) Isopropylbenzene	14.67	105	7061351	15.939 ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.68	83	8346	0.033 ppbv	# 24
64) n-propylbenzene	15.56	120	8725	0.081 ppbv	# 1
69) p-Isopropyltoluene	17.65	119	24815	0.059 ppbv	# 32
72) 4-Ethyltoluene	15.83	105	33266	0.092 ppbv	# 55
73) 1,3,5-Trimethylbenzene	16.00	105	27565	0.082 ppbv	91
74) 1,2,4-Trimethylbenzene	16.77	105	167649	0.466 ppbv	# 55
80) Naphthalene,2-methyl-	24.97	142	1811	0.044 ppbv	# 76

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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration

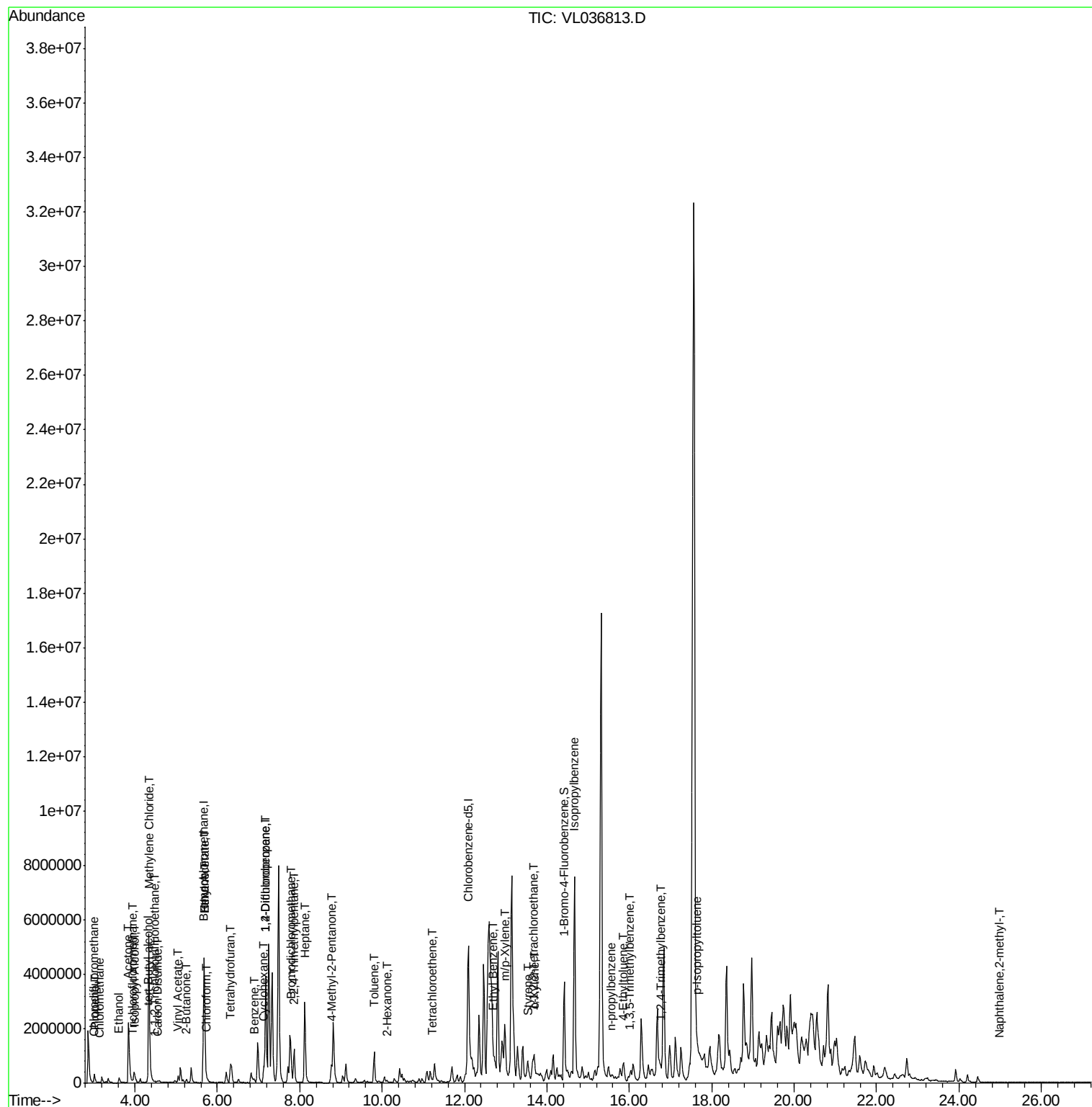
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

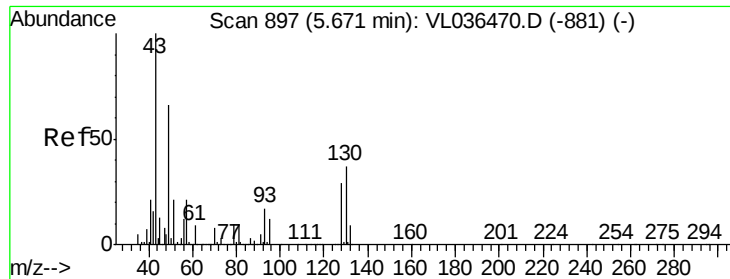
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL041321\
Data File : VL036813.D
Acq On : 13 Apr 2021 21:39
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 21:39

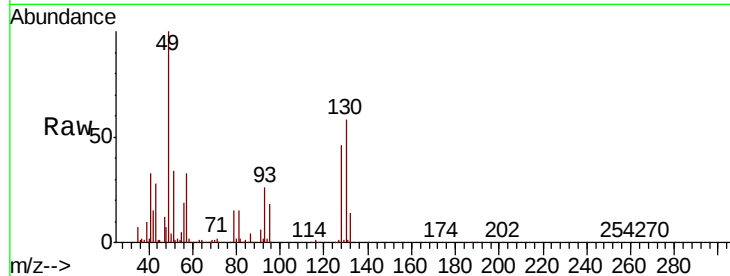
Tot Ion: 49 Resp: 1311192

Ion Ratio Lower Upper

49 100

128 47.4 23.5 70.6

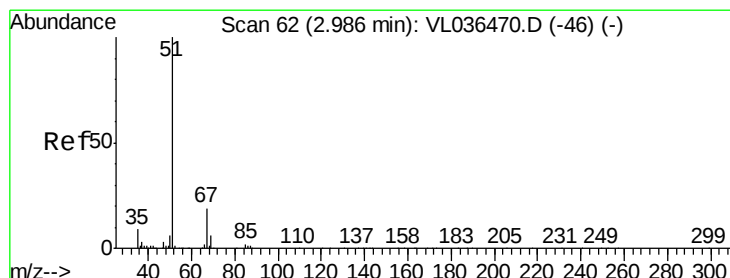
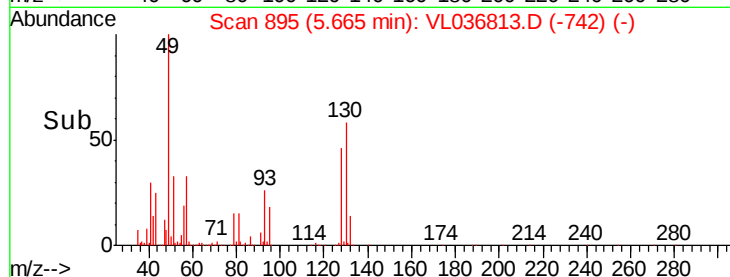
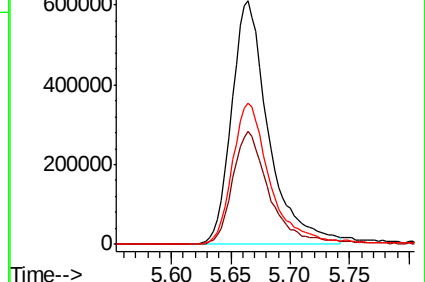
130 61.0 29.1 87.4



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chlorodifluoromethane

Concen: 0.246 ppbv

RT: 2.99 min Scan# 63

Delta R.T. 0.00 min

Lab File: VL036813.D

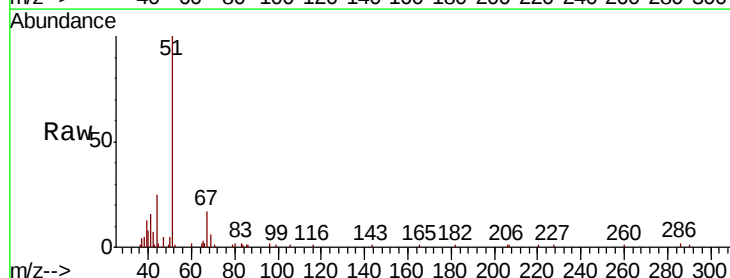
Acq: 13 Apr 2021 21:39

Tgt Ion: 51 Resp: 60316

Ion Ratio Lower Upper

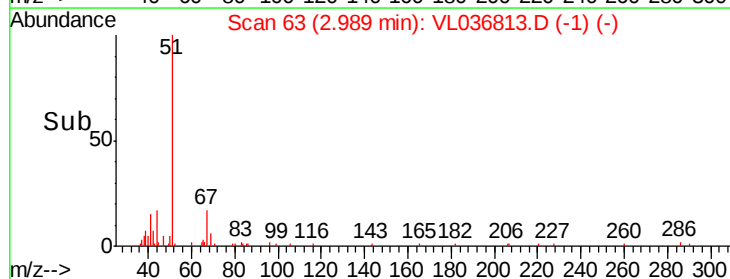
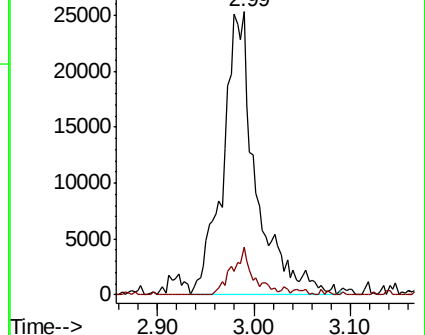
51 100

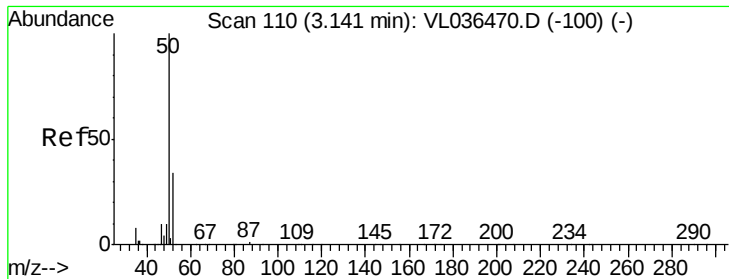
67 12.3 14.7 22.1#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0





#4

Chloromethane

Concen: 0.098 ppbv

RT: 3.13 Instrument:

Delta R.T. MSVOA_L

Lab File:

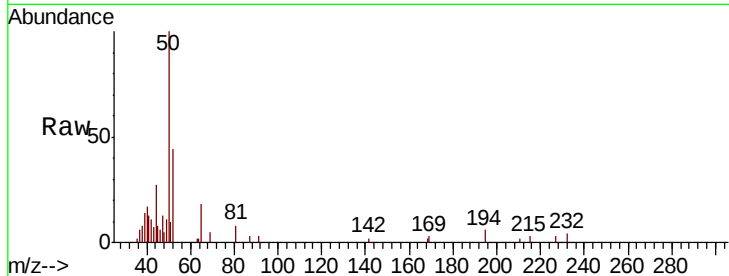
Acq: 13 Apr 2021 21:39

Tot Ion: 50 Resp: 8446

Ion Ratio Lower Upper

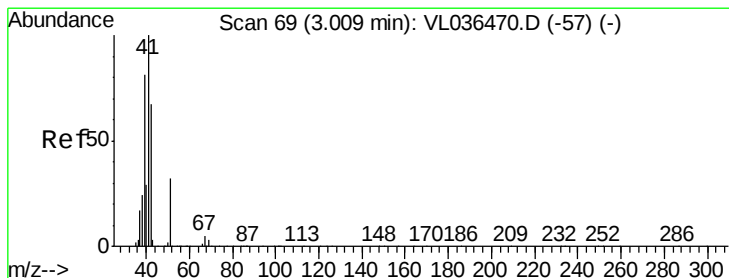
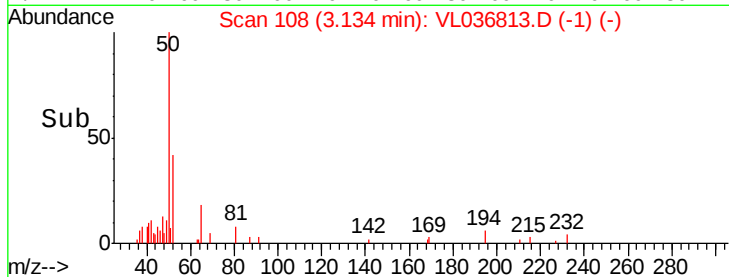
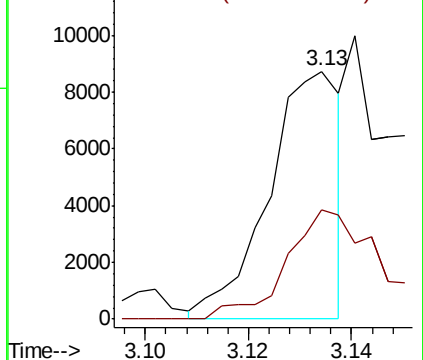
50 100

52 45.3 27.0 40.6#



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#9

Propene

Concen: 1.251 ppbv

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036813.D

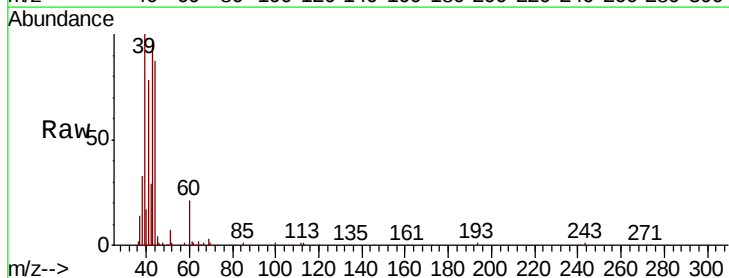
Acq: 13 Apr 2021 21:39

Tgt Ion: 41 Resp: 97672

Ion Ratio Lower Upper

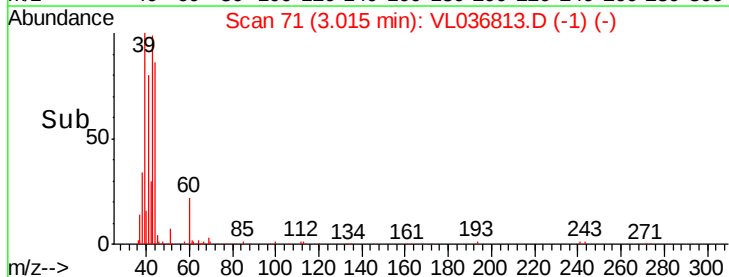
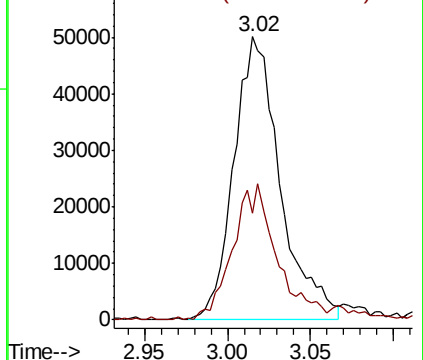
41 100

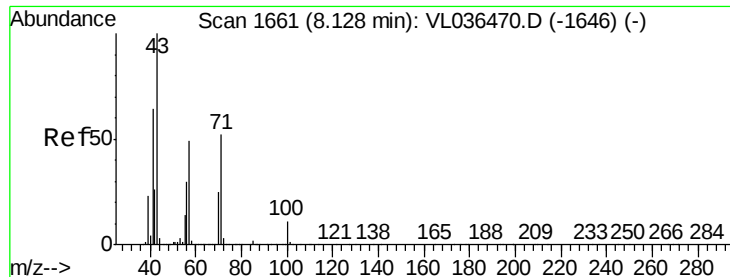
42 49.2 57.0 85.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

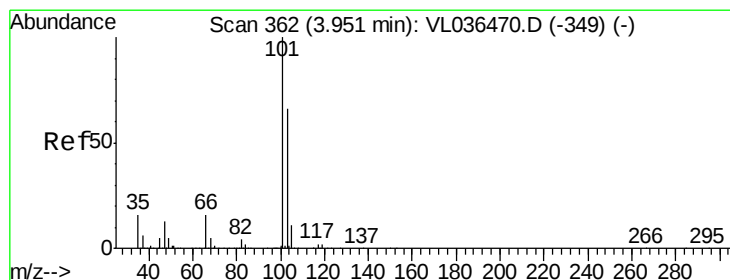
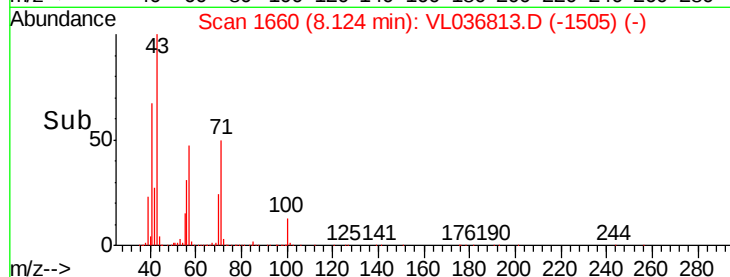
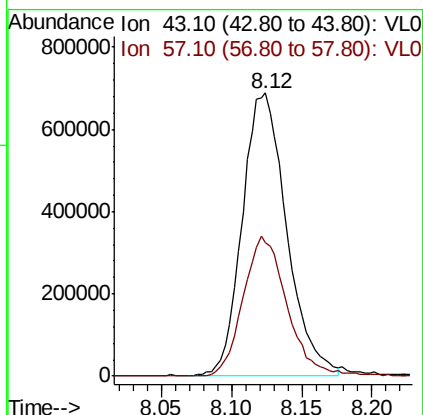
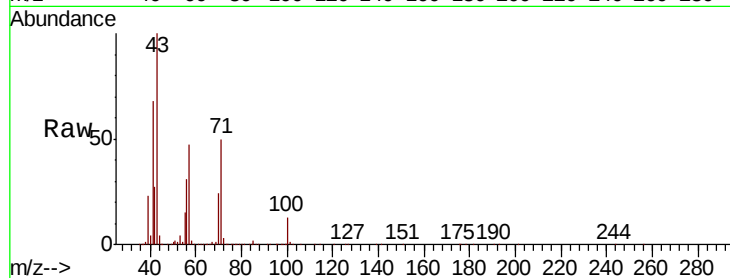
Ion 42.10 (41.80 to 42.80): VL0





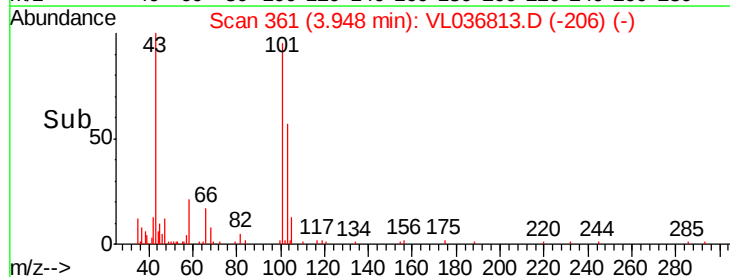
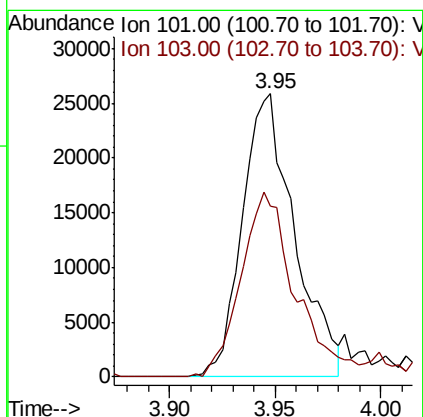
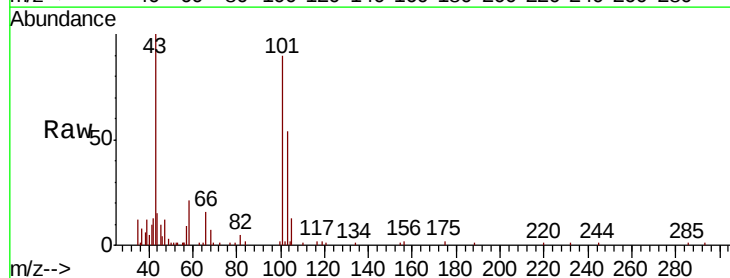
#10
 Heptane
 Concen: 7.611 ppbv
 RT: 8.12
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 21:39

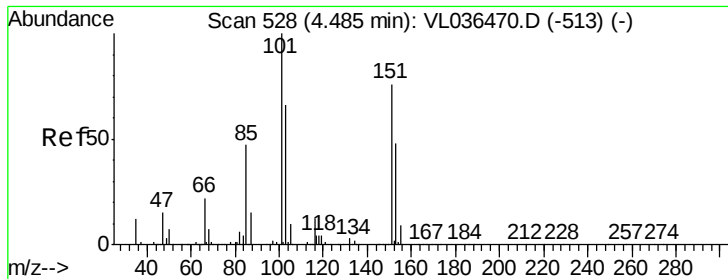
Tot Ion: 43 Resp: 1514288
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.0 58.6



#11
 Trichlorofluoromethane
 Concen: 0.204 ppbv
 RT: 3.95 min Scan# 361
 Delta R.T. -0.00 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

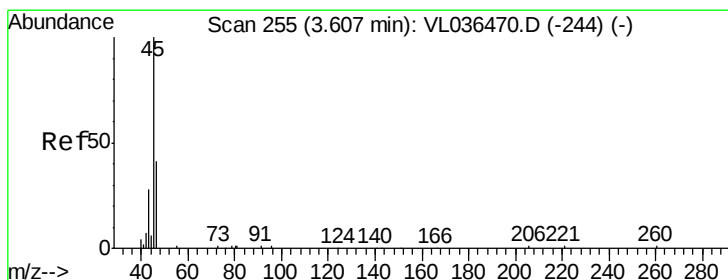
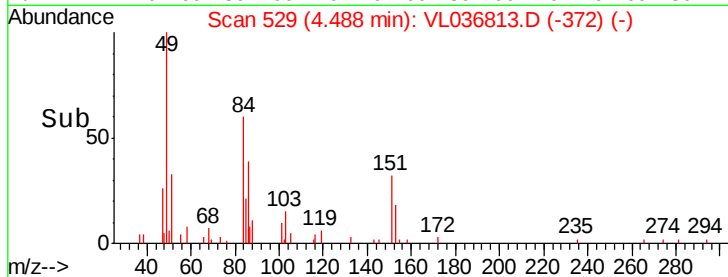
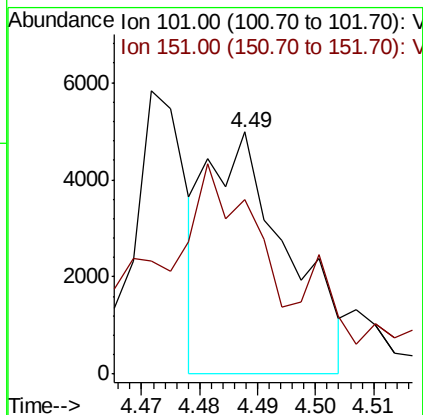
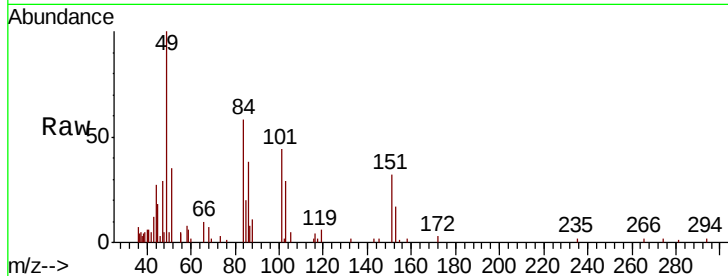
Tgt Ion:101 Resp: 44523
 Ion Ratio Lower Upper
 101 100
 103 60.3 52.5 78.7





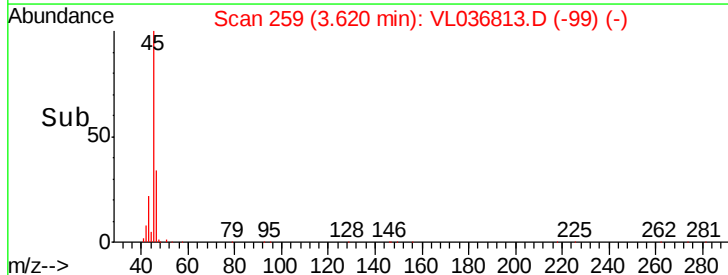
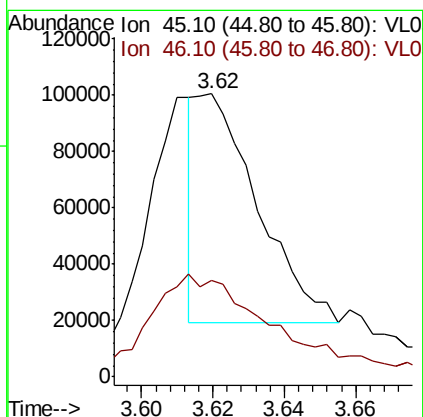
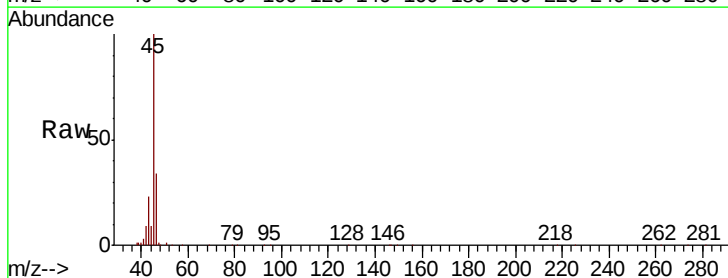
#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.034 ppbv
 RT: 4.49
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 21:39

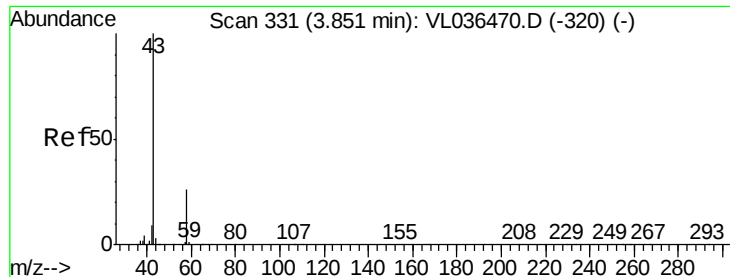
Tot Ion: 101 Resp: 4749
 Ion Ratio Lower Upper
 101 100
 151 156.5 60.9 91.3#



#13
 Ethanol
 Concen: 10.346 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.01 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

Tgt Ion: 45 Resp: 96216
 Ion Ratio Lower Upper
 45 100
 46 98.3 16.6 66.2#





#15

Acetone

Concen: 23.780 ppbv

RT: 3.84 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

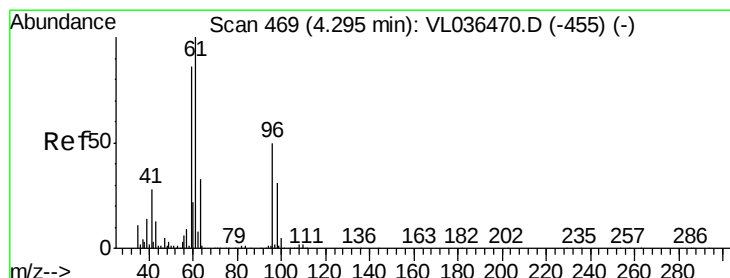
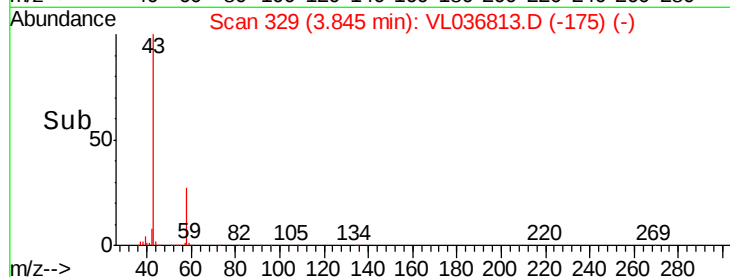
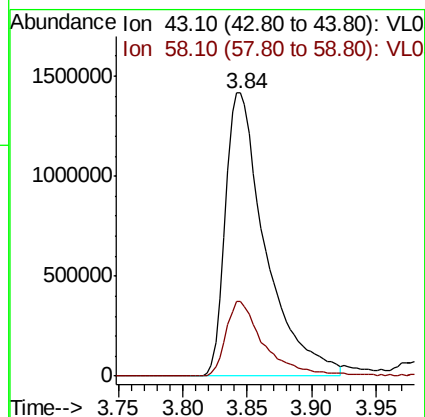
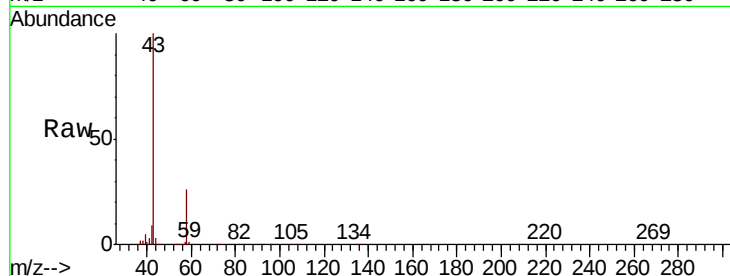
Acq: 13 Apr 2021 21:39

Tot Ion: 43 Resp: 3068821

Ion Ratio Lower Upper

43 100

58 26.2 21.2 31.8



#17

tert-Butyl alcohol

Concen: 0.851 ppbv

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL036813.D

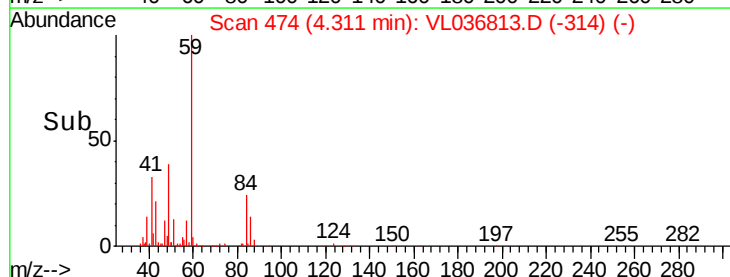
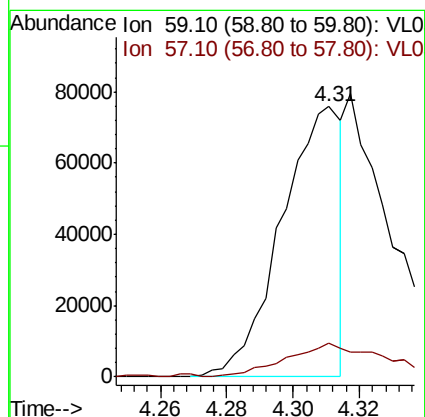
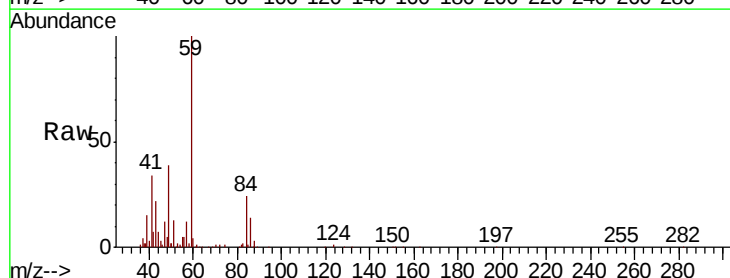
Acq: 13 Apr 2021 21:39

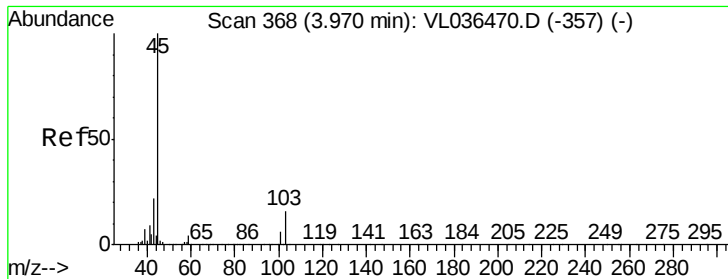
Tgt Ion: 59 Resp: 95620

Ion Ratio Lower Upper

59 100

57 25.1 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 7.991 ppbv

RT: 3.98 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

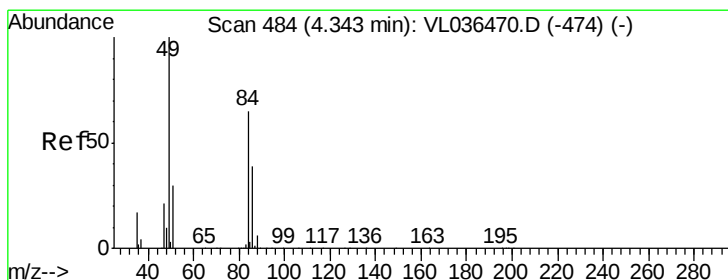
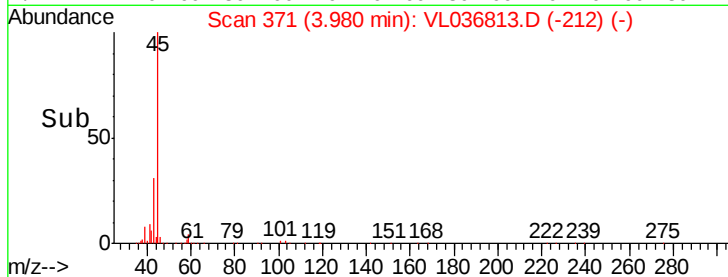
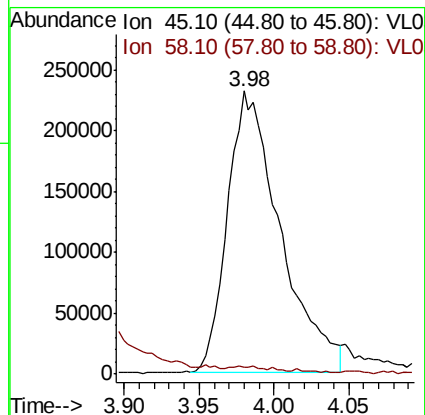
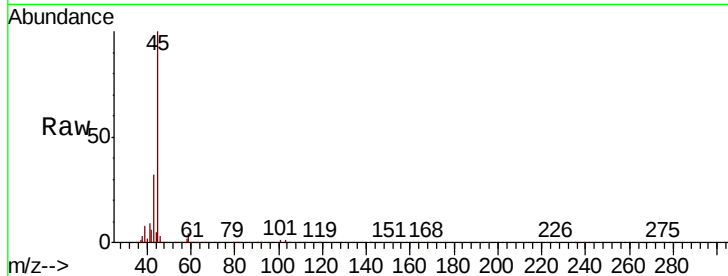
Acq: 13 Apr 2021 21:39

Tot Ion: 45 Resp: 567279

Ion Ratio Lower Upper

45 100

58 138.9 2.9 4.3#



#20

Methylene Chloride

Concen: 36.924 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

Tgt Ion: 84 Resp: 2231037

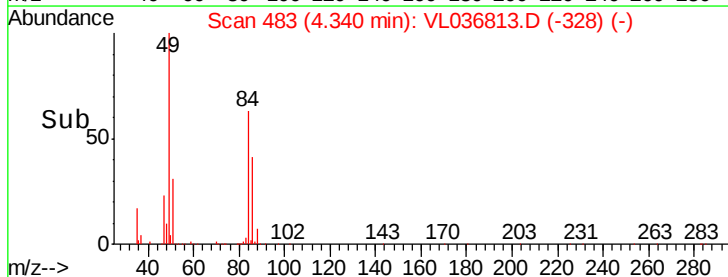
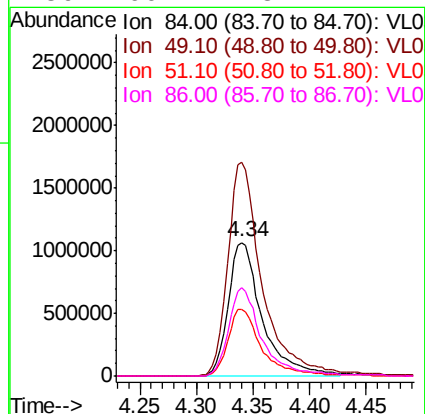
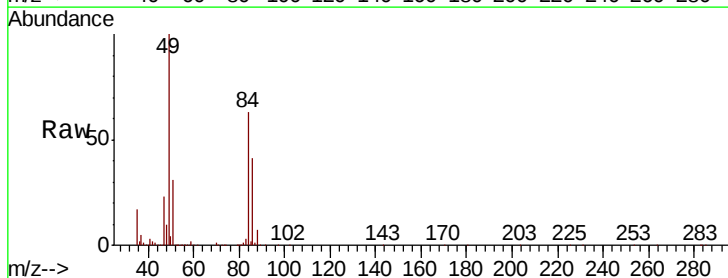
Ion Ratio Lower Upper

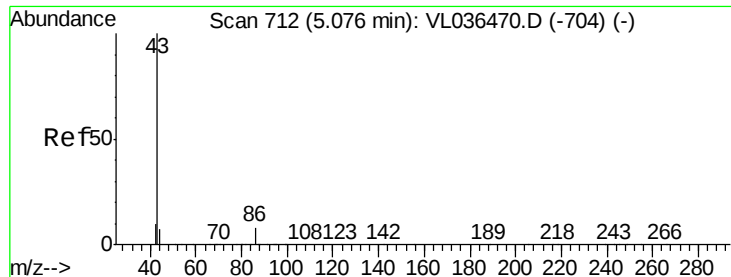
84 100

49 160.0 122.9 184.3

51 50.0 36.9 55.3

86 66.1 48.2 72.4





#23

Vinyl Acetate

Concen: 0.517 ppbv

RT: 5.05 Instrument:

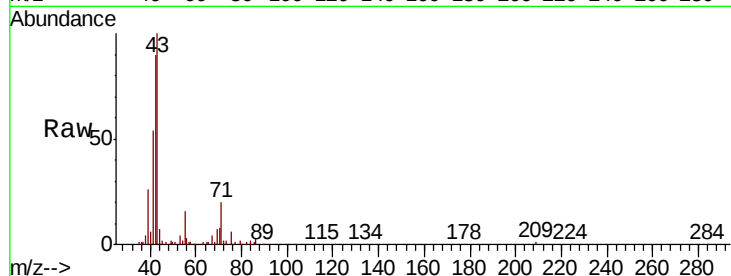
Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 21:39

Tot Ion: 43 Resp: 114028

Ion	Ratio	Lower	Upper
43	100		
86	2.9	5.4	8.0#
42	90.4	8.5	12.7#
44	3.1	4.6	7.0#

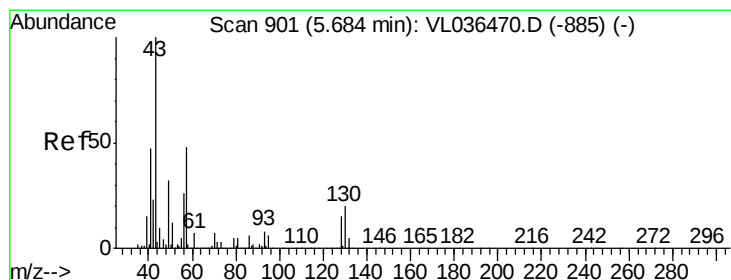
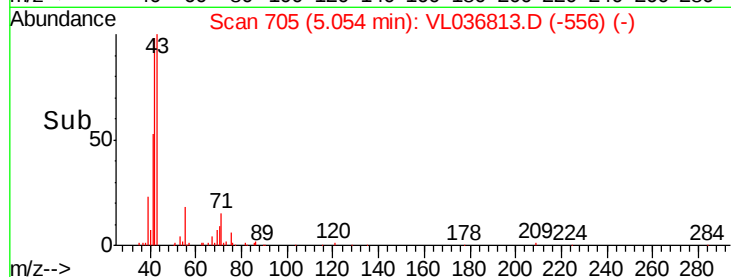
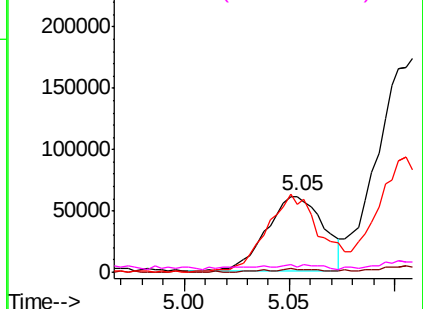


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#25

Ethyl Acetate

Concen: 4.008 ppbv

RT: 5.68 min Scan# 901

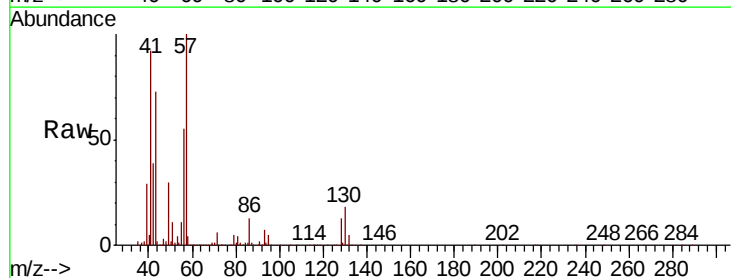
Delta R.T. 0.00 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

Tgt Ion: 43 Resp: 1229807

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#

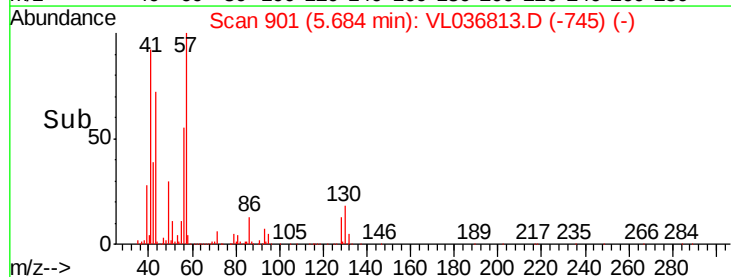
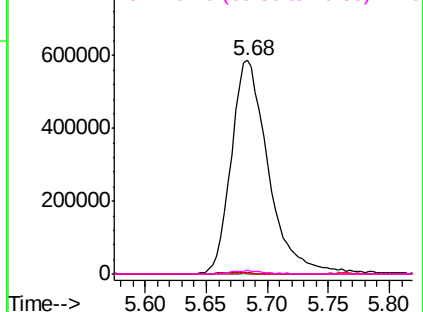


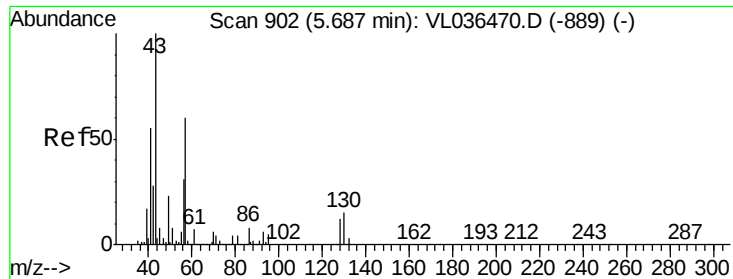
Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 45.10 (44.80 to 45.80): VL0

Ion 61.10 (60.80 to 61.80): VL0

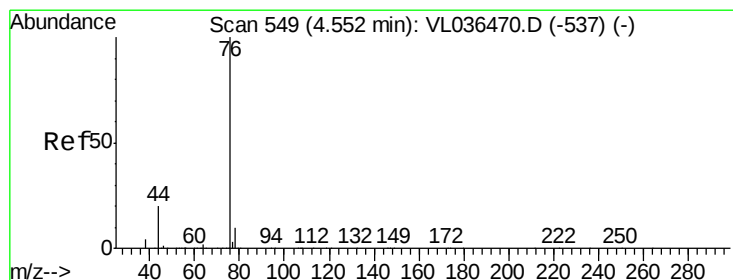
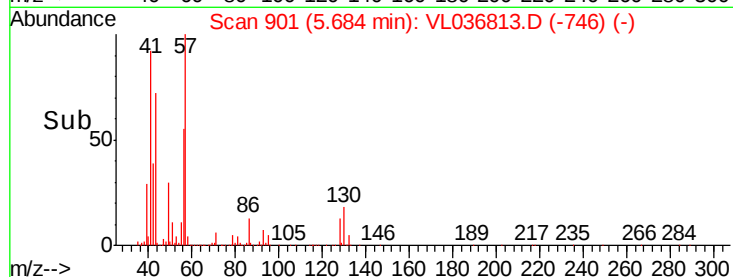
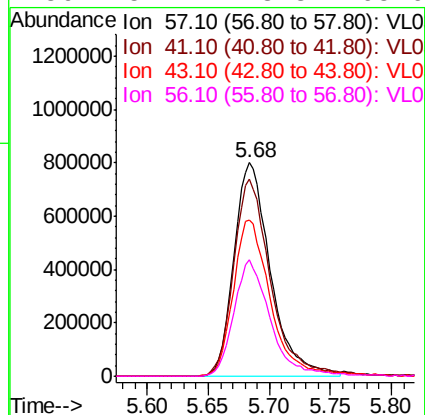
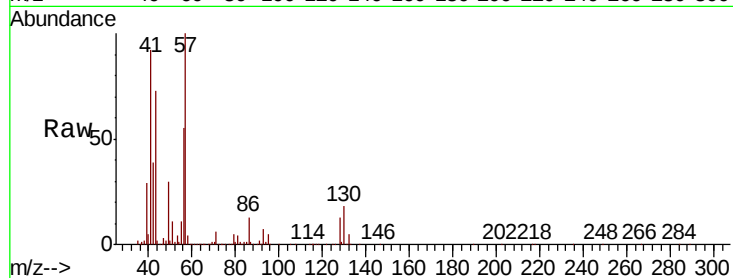
Ion 70.10 (69.80 to 70.80): VL0





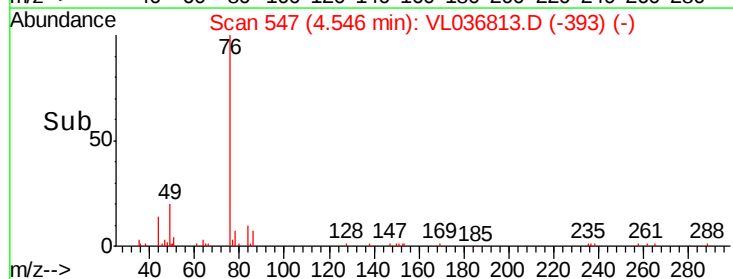
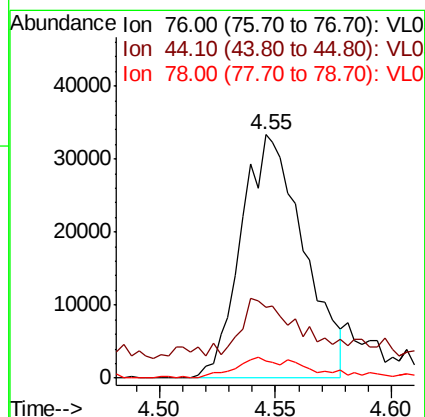
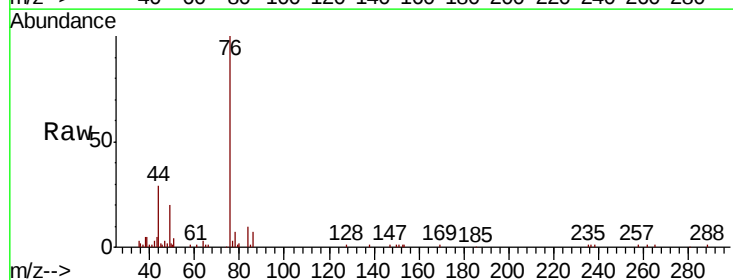
#26
Hexane
Concen: 11.689 ppbv
RT: 5.68
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 21:39

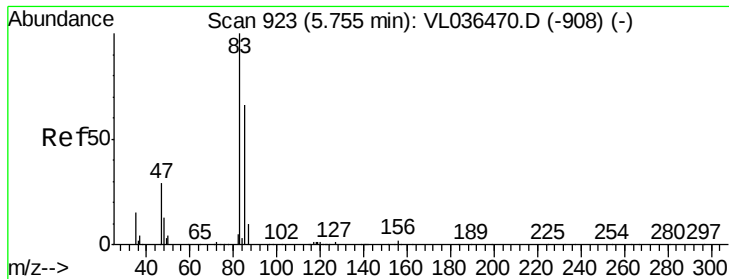
Tot Ion:	57	Resp:	1664261
Ion	Ratio	Lower	Upper
57	100		
41	95.1	77.2	115.8
43	74.9	173.8	260.6#
56	54.7	43.8	65.6



#27
Carbon Disulfide
Concen: 0.446 ppbv
RT: 4.55 min Scan# 547
Delta R.T. -0.01 min
Lab File: VL036813.D
Acq: 13 Apr 2021 21:39

Tgt Ion:	76	Resp:	62542
Ion	Ratio	Lower	Upper
76	100		
44	32.7	17.5	26.3#
78	11.6	8.6	13.0





#29

Chloroform

Concen: 0.041 ppbv

RT: 5.75 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

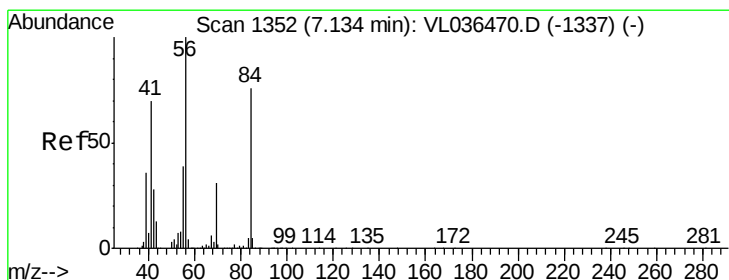
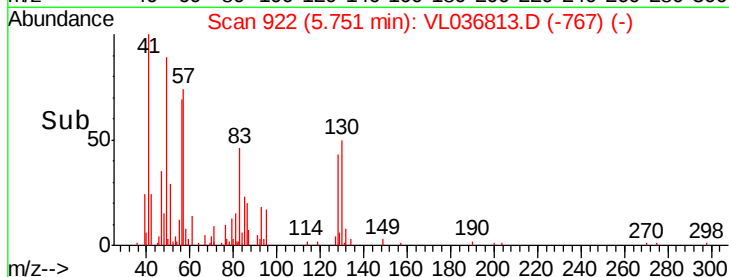
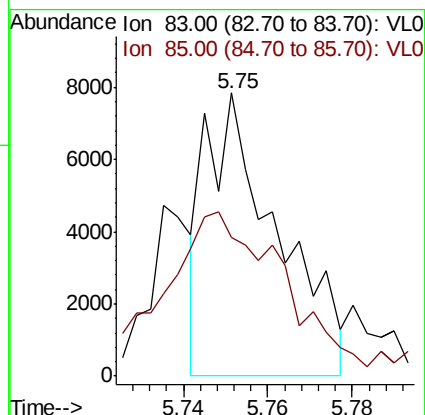
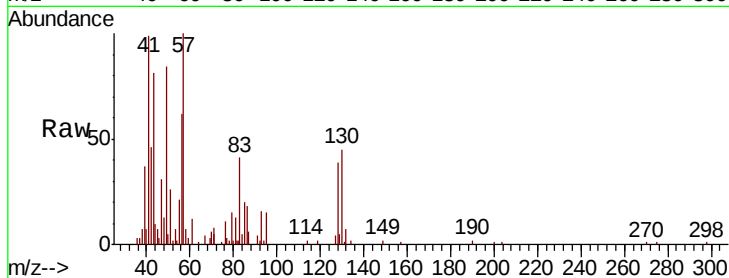
Acq: 13 Apr 2021 21:39

Tot Ion: 83 Resp: 9279

Ion Ratio Lower Upper

83 100

85 46.9 52.6 78.8#



#30

Cyclohexane

Concen: 1.833 ppbv

RT: 7.13 min Scan# 1350

Delta R.T. -0.01 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

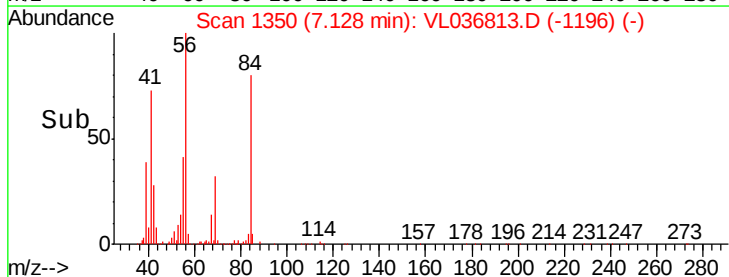
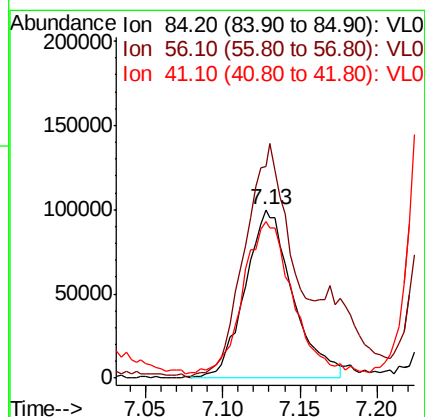
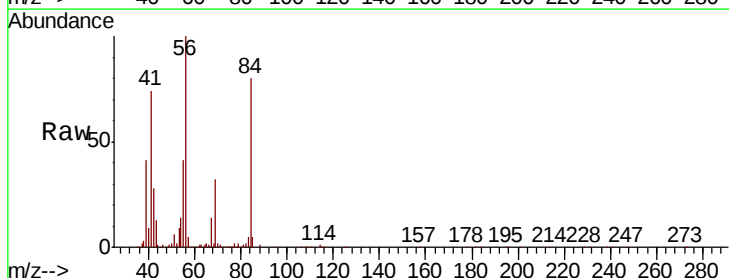
Tgt Ion: 84 Resp: 211635

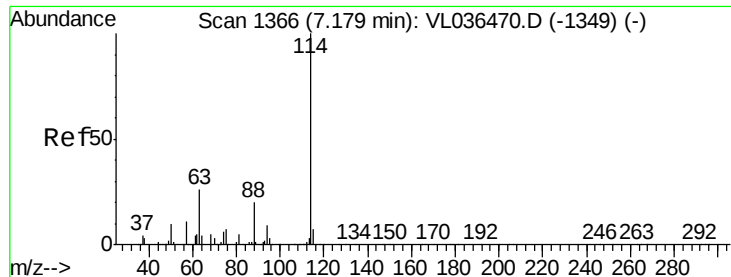
Ion Ratio Lower Upper

84 100

56 176.6 114.6 171.8#

41 92.2 75.3 112.9

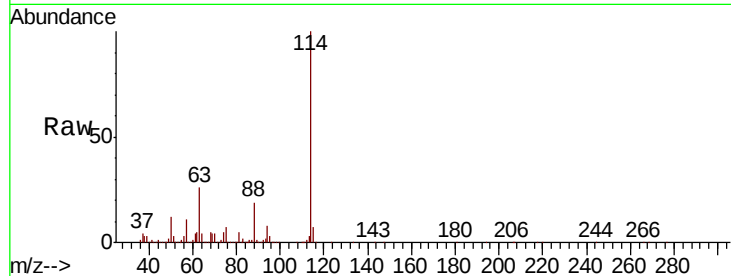




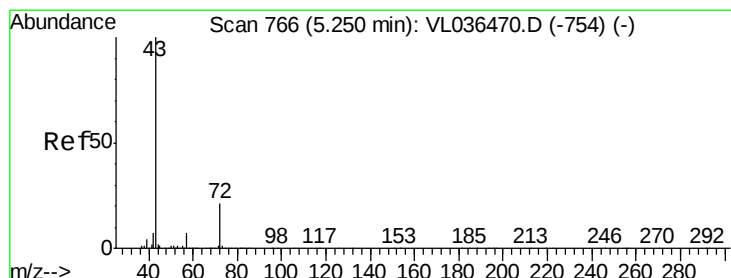
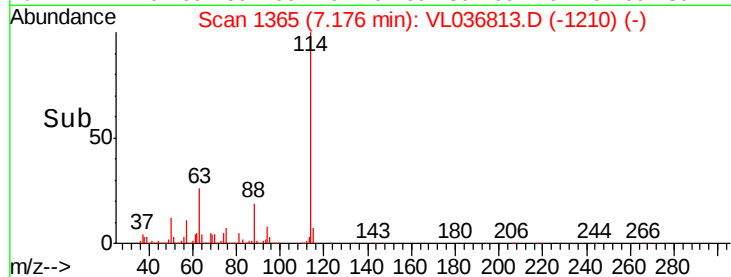
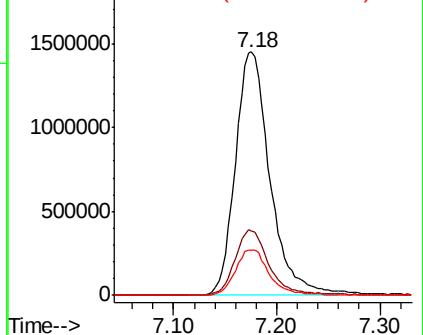
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 21:39

Tot Ion: 114 Resp: 3374424

Ion	Ratio	Lower	Upper
114	100		
63	26.9	22.4	33.6
88	18.7	15.4	23.0



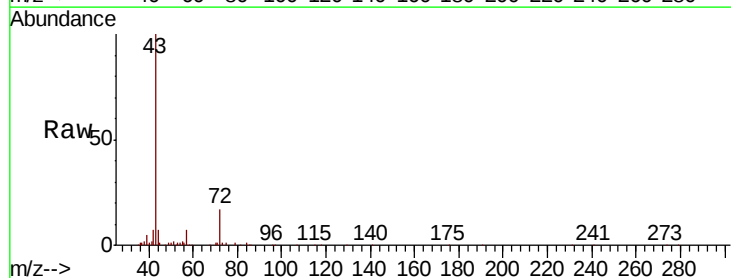
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



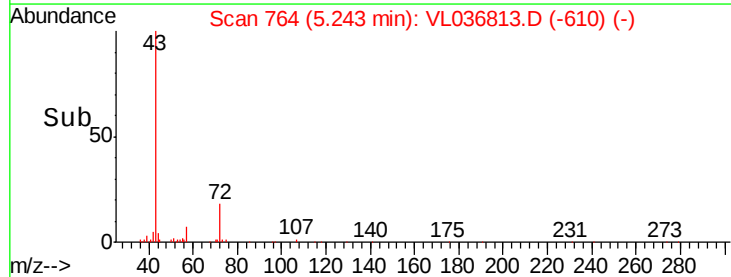
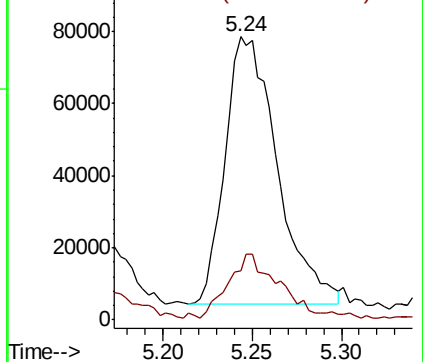
#34
 2-Butanone
 Concen: 0.919 ppbv
 RT: 5.24 min Scan# 764
 Delta R.T.: -0.01 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

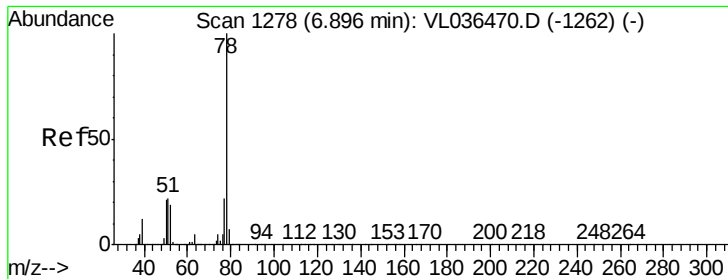
Tgt Ion: 43 Resp: 151437

Ion	Ratio	Lower	Upper
43	100		
72	25.9	17.0	25.6#



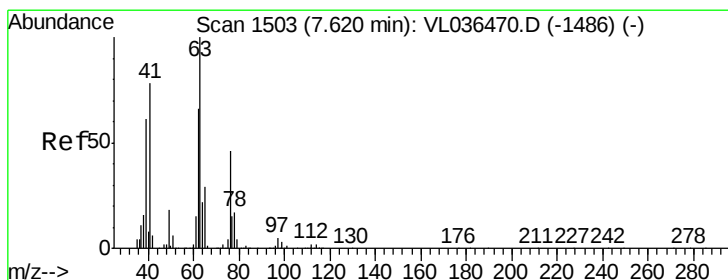
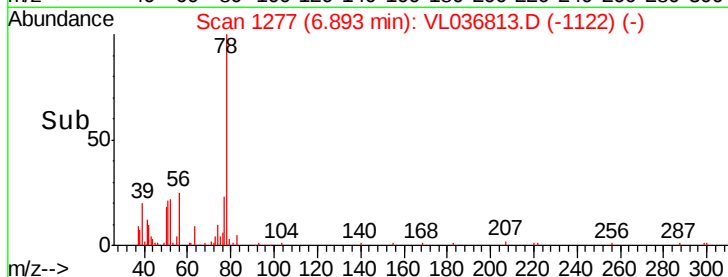
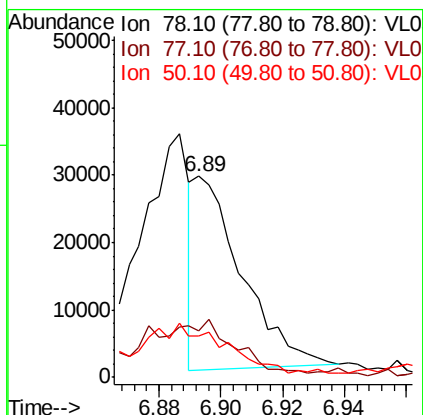
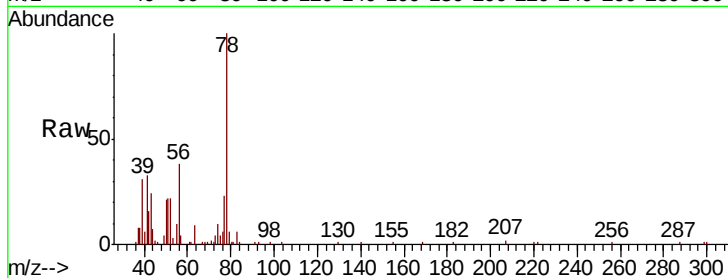
Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





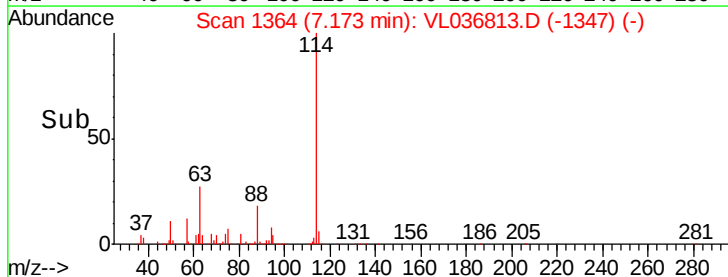
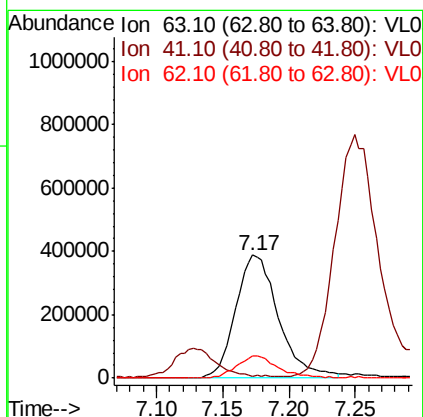
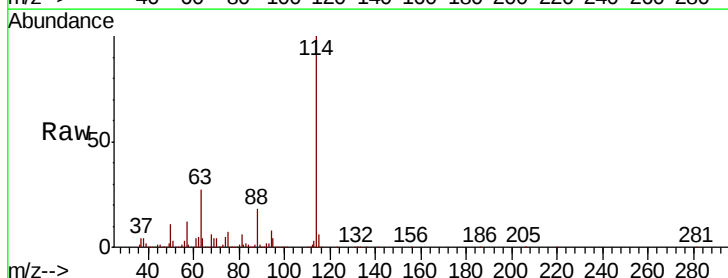
#36
Benzene
Concen: 0.098 ppbv
RT: 6.89
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 21:39

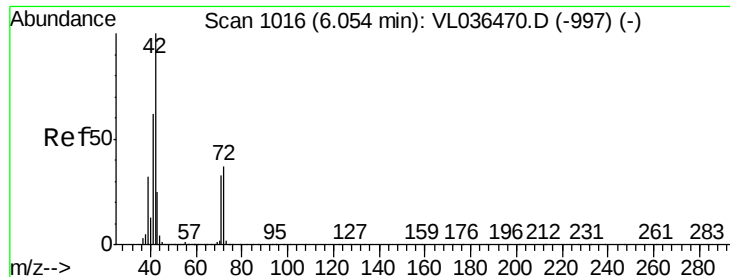
Tot Ion	Ratio	Lower	Upper
78	100		
77	19.8	18.0	27.0
50	20.4	16.5	24.7



#39
1,2-Dichloropropane
Concen: 6.906 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.45 min
Lab File: VL036813.D
Acq: 13 Apr 2021 21:39

Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	62.4	93.6#
62	18.1	52.8	79.2#





#41

Tetrahydrofuran

Concen: 0.728 ppbv

RT: 6.32 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 21:39

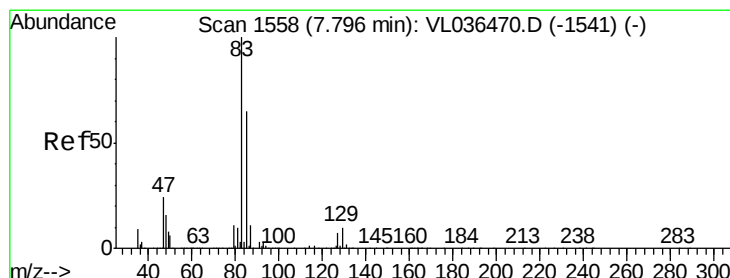
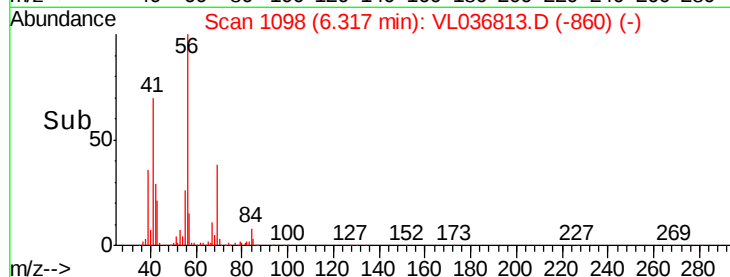
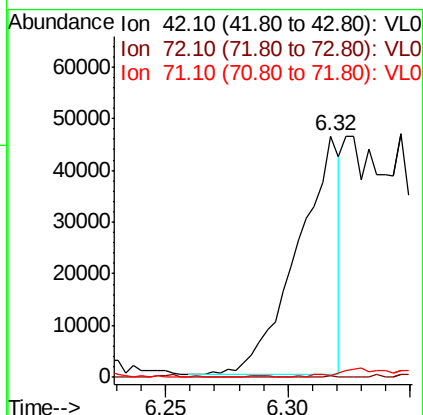
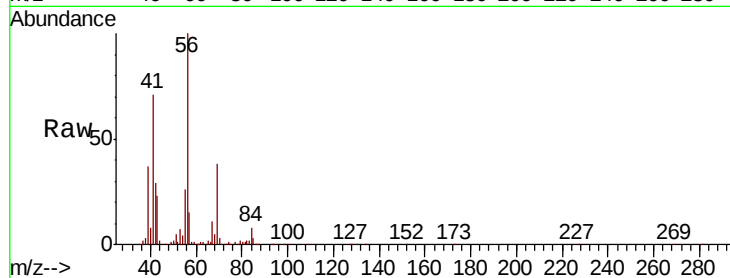
Tot Ion: 42 Resp: 55294

Ion Ratio Lower Upper

42 100

72 0.4 27.6 41.4#

71 0.0 27.0 40.4#



#42

Bromodichloromethane

Concen: 0.223 ppbv

RT: 7.79 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

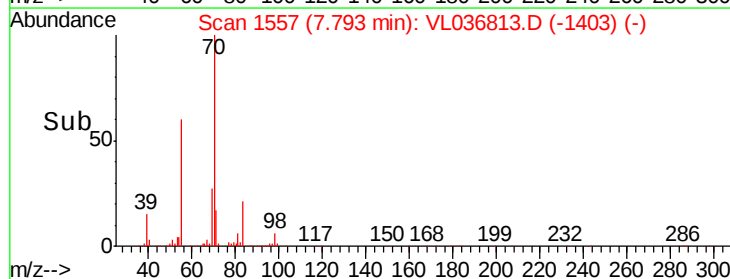
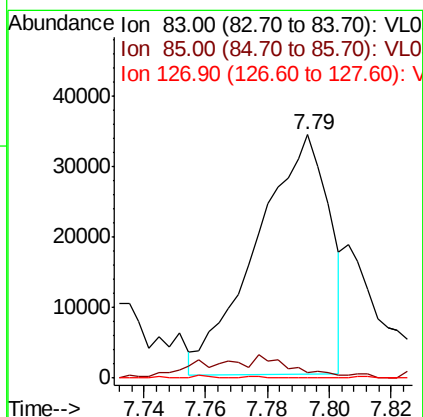
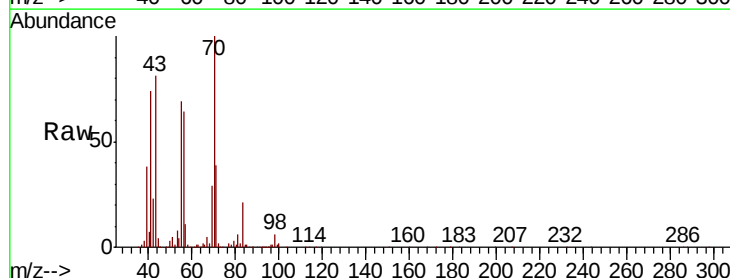
Tgt Ion: 83 Resp: 55581

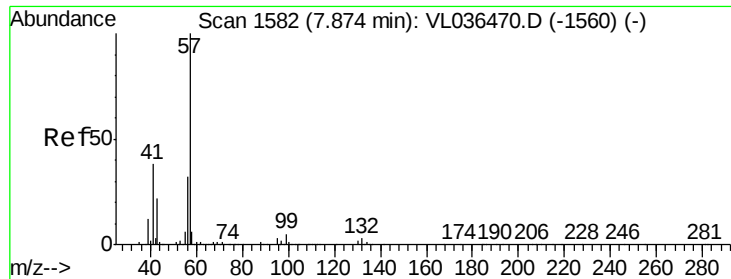
Ion Ratio Lower Upper

83 100

85 1.2 51.8 77.6#

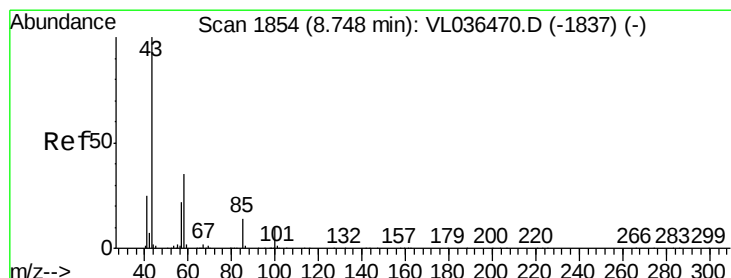
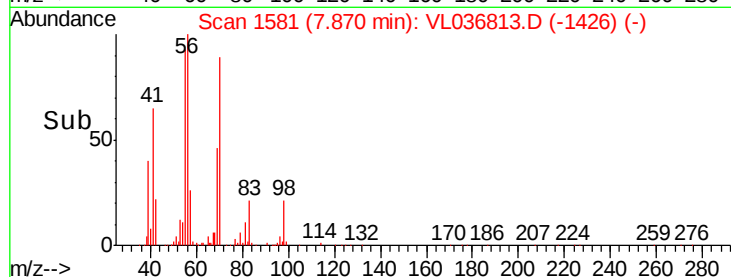
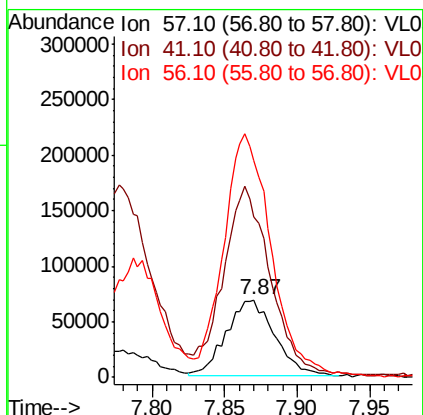
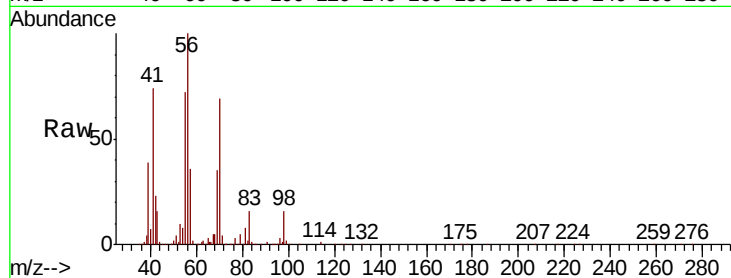
127 0.0 5.8 8.8#





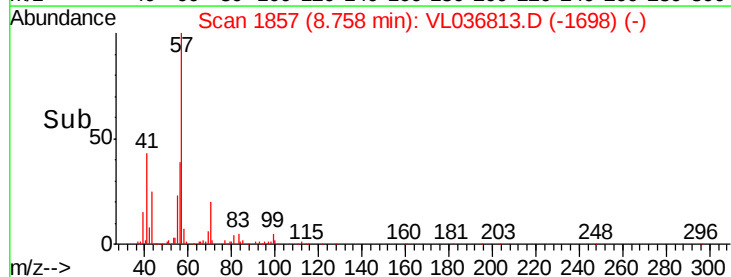
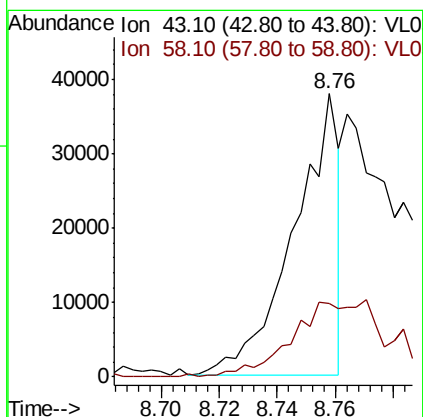
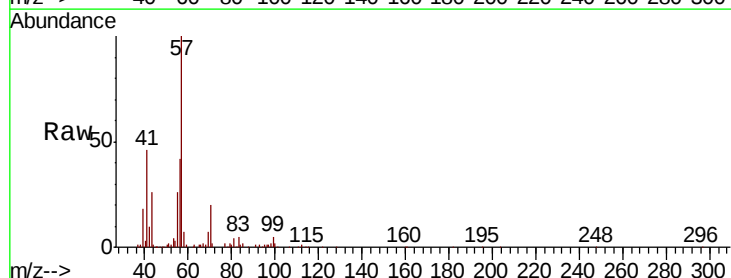
#44
 2,2,4-Trimethylpentane
 Concen: 0.294 ppbv
 RT: 7.87 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 21:39

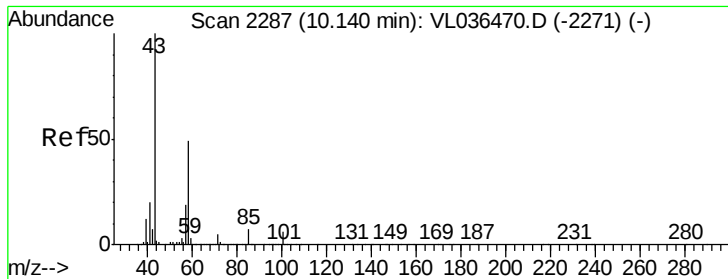
Tot Ion	57	Resp	161209
Ion	Ratio	Lower	Upper
57	100		
41	244.1	28.8	43.2#
56	312.3	26.1	39.1#



#50
 4-Methyl-2-Pentanone
 Concen: 0.170 ppbv
 RT: 8.76 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

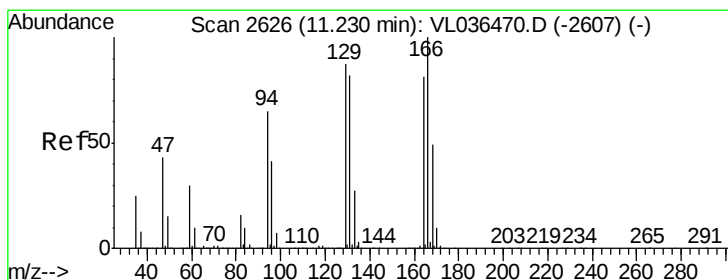
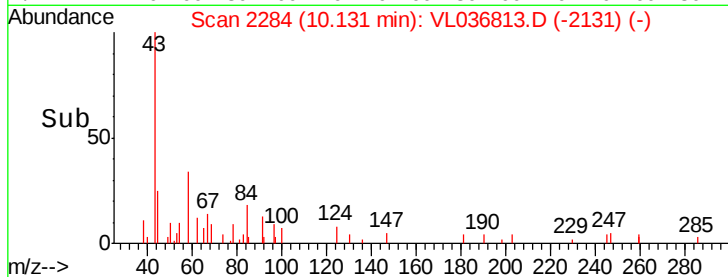
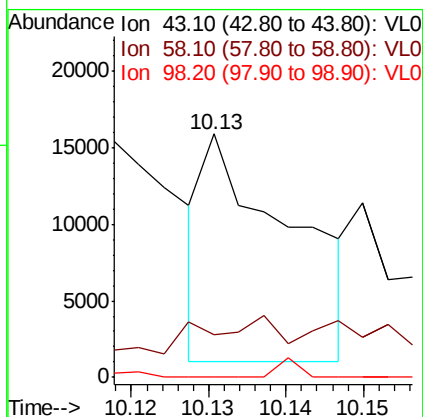
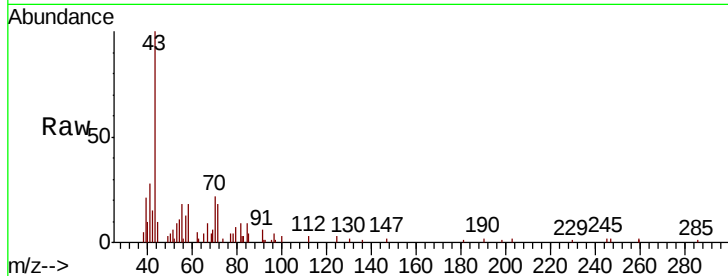
Tgt Ion	43	Resp	40542
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.2	42.2#





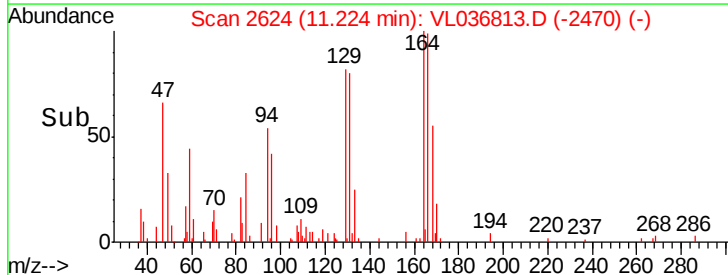
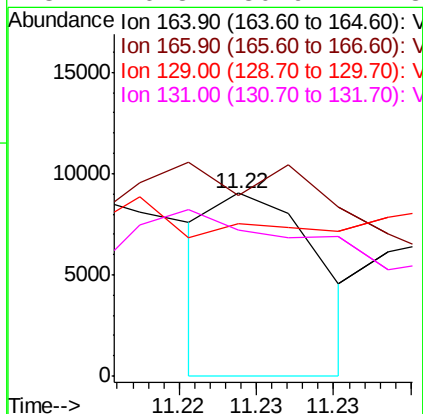
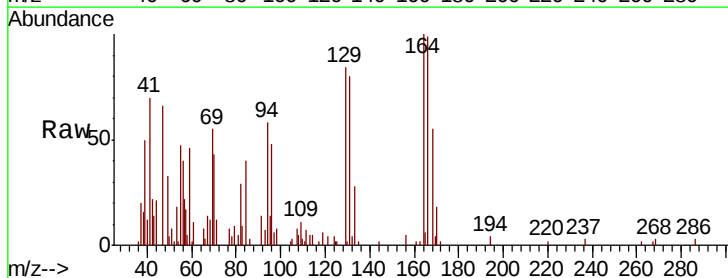
#51
 2-Hexanone
 Concen: 0.097 ppbv
 RT: 10.13 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 13 Apr 2021 21:39

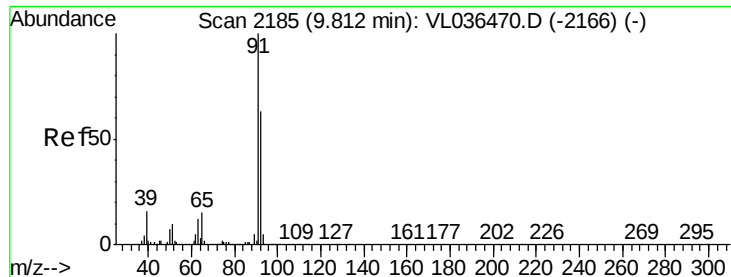
Tot Ion: 43 Resp: 11665
 Ion Ratio Lower Upper
 43 100
 58 84.3 37.7 56.5#
 98 0.0 0.2 0.2#



#52
 Tetrachloroethene
 Concen: 0.036 ppbv
 RT: 11.22 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

Tgt Ion: 164 Resp: 4170
 Ion Ratio Lower Upper
 164 100
 166 13.3 98.3 147.5#
 129 15.4 85.8 128.8#
 131 6.8 80.9 121.3#





#53

Toluene

Concen: 2.883 ppbv

RT: 9.81 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

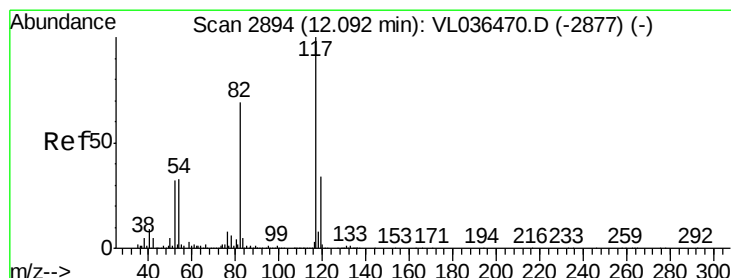
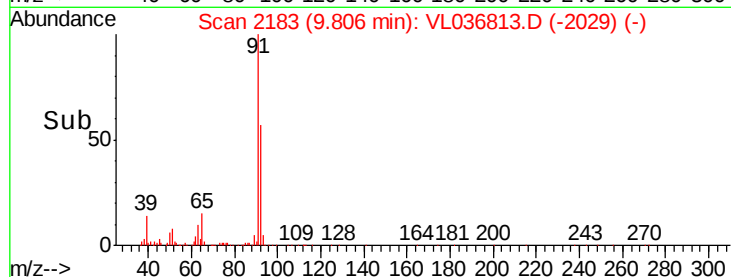
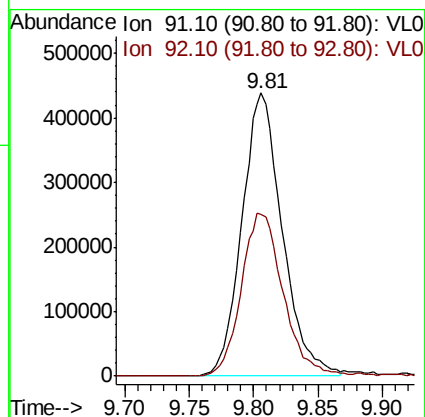
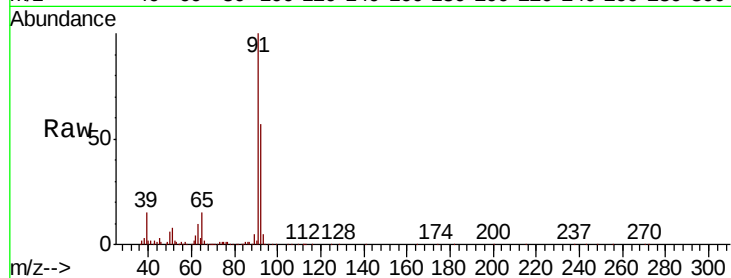
Acq: 13 Apr 2021 21:39

Tot Ion: 91 Resp: 955447

Ion Ratio Lower Upper

91 100

92 59.9 48.8 73.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

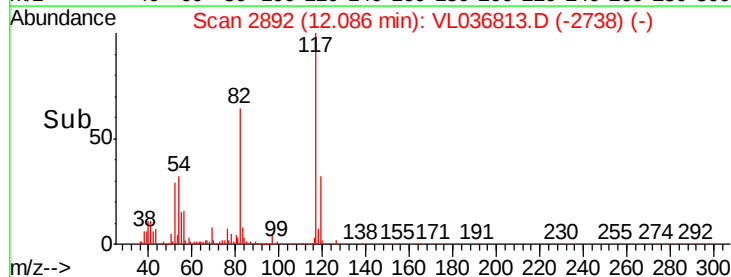
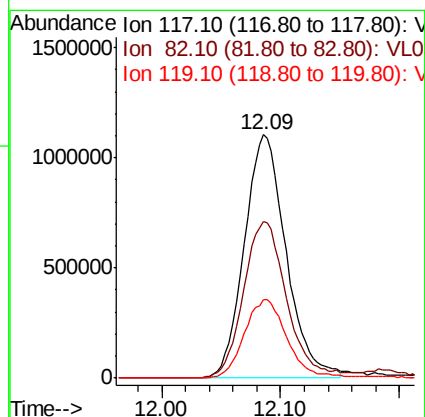
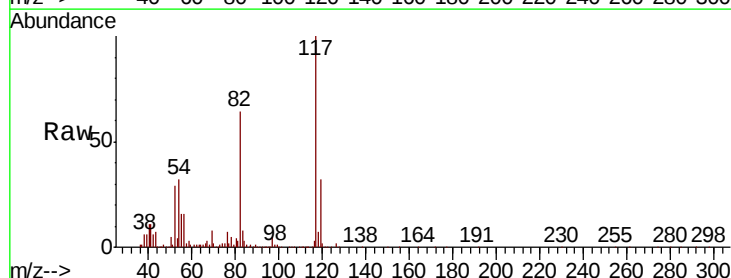
Tgt Ion: 117 Resp: 2681182

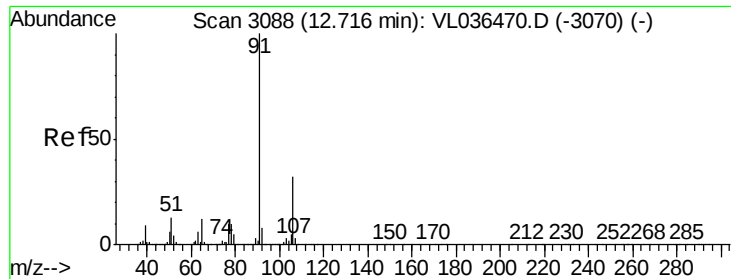
Ion Ratio Lower Upper

117 100

82 66.6 57.4 86.0

119 33.8 47.4 71.0#





#58

Ethyl Benzene

Concen: 0.599 ppbv

RT: 12.71 min

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

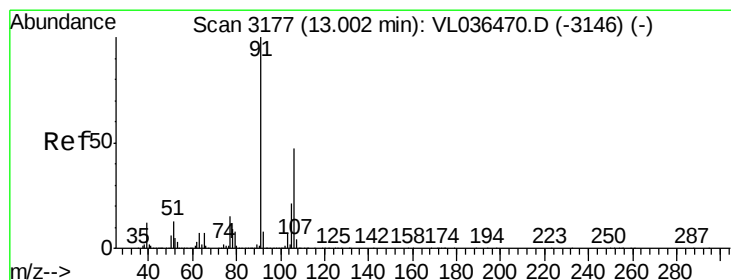
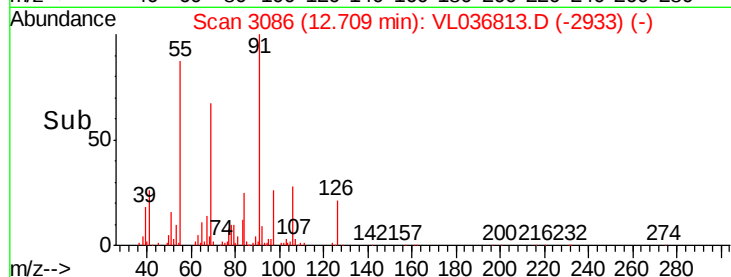
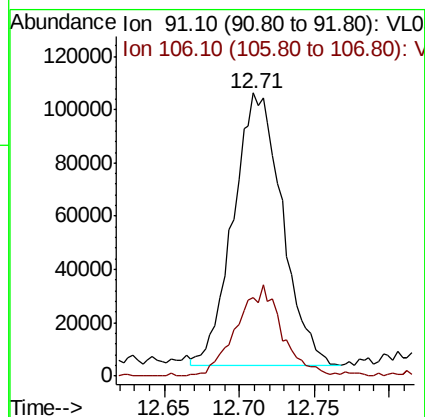
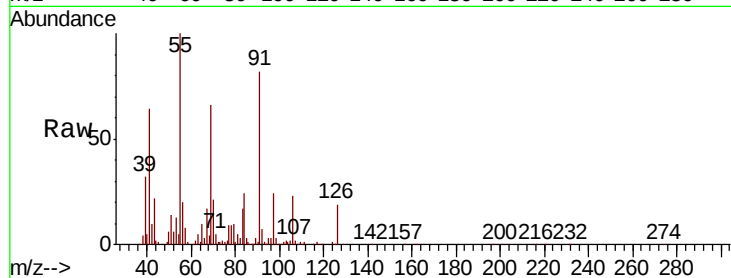
Acq: 13 Apr 2021 21:39

Tot Ion: 91 Resp: 233729

Ion Ratio Lower Upper

91 100

106 28.2 25.3 37.9



#59

m/p-Xylene

Concen: 1.770 ppbv

RT: 12.97 min Scan# 3166

Delta R.T. -0.04 min

Lab File: VL036813.D

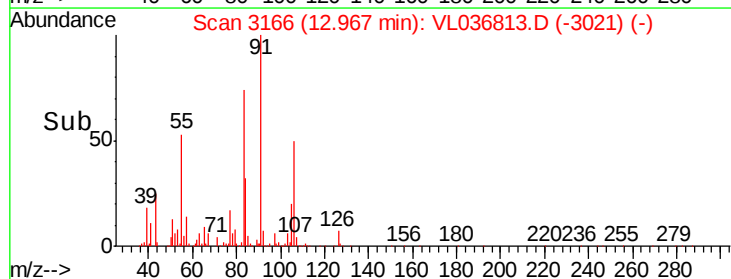
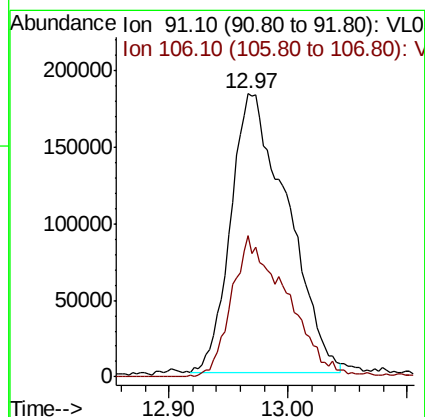
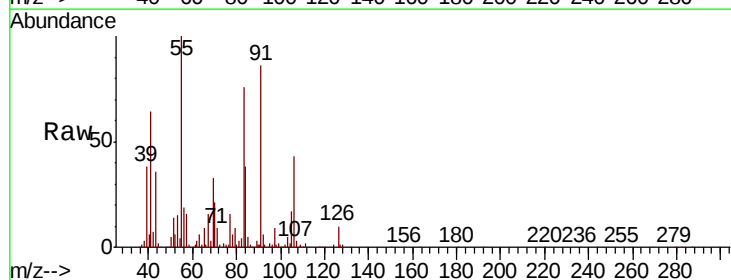
Acq: 13 Apr 2021 21:39

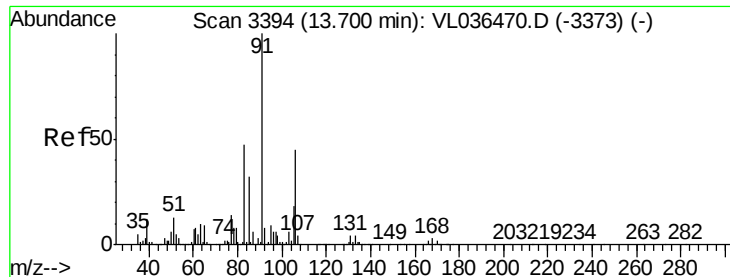
Tgt Ion: 91 Resp: 602183

Ion Ratio Lower Upper

91 100

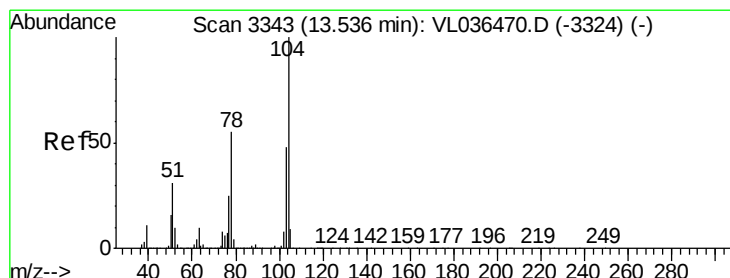
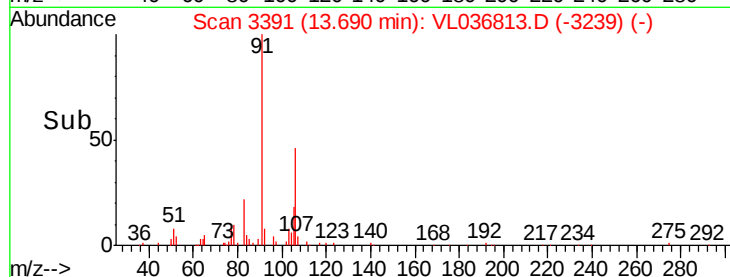
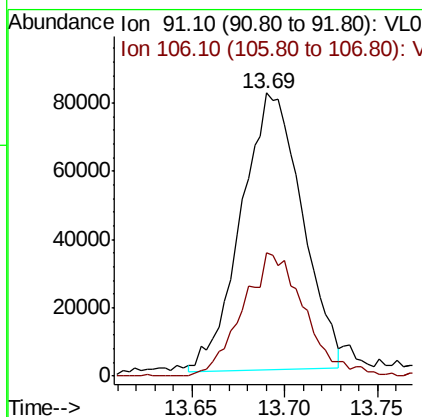
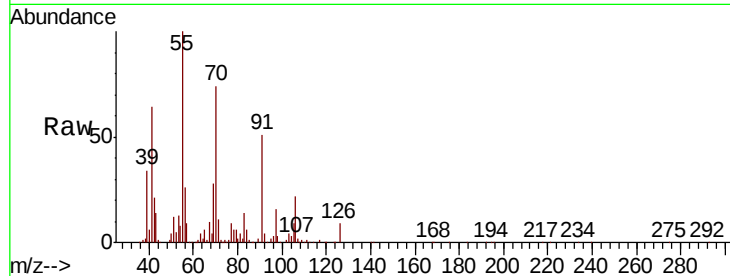
106 49.4 35.3 52.9





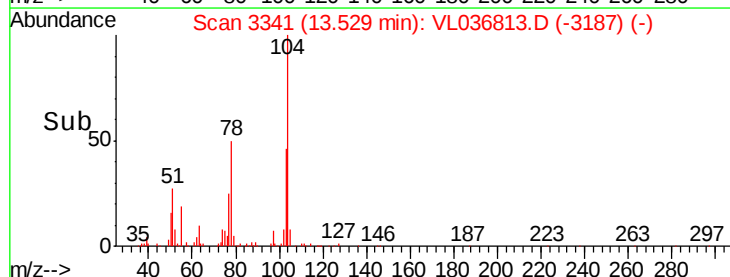
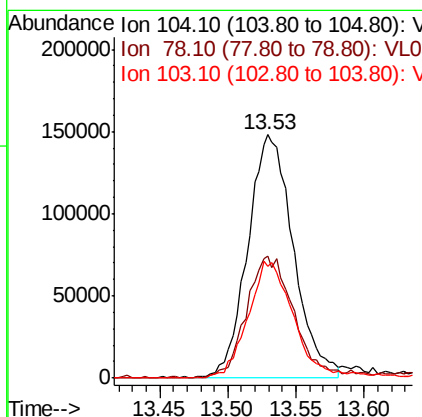
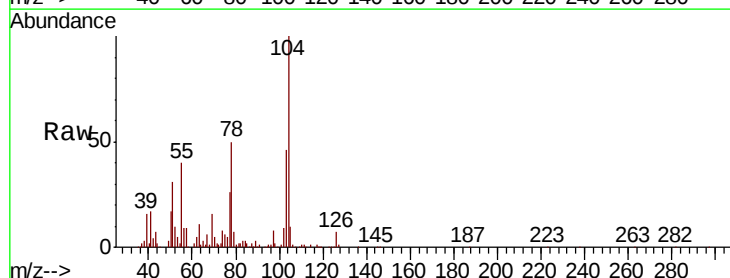
#60
o-Xylene
Concen: 0.565 ppbv
RT: 13.69 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 13 Apr 2021 21:39

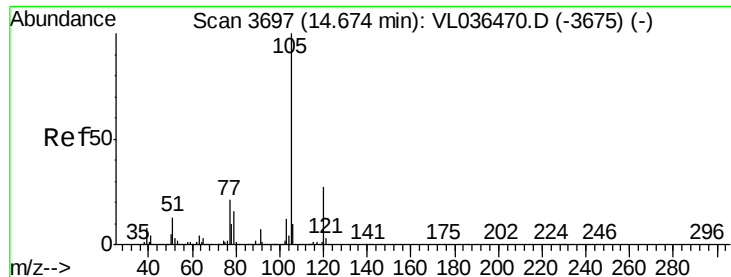
Tot Ion: 91 Resp: 185880
Ion Ratio Lower Upper
91 100
106 45.4 22.3 66.9



#61
Styrene
Concen: 2.070 ppbv
RT: 13.53 min Scan# 3341
Delta R.T. -0.01 min
Lab File: VL036813.D
Acq: 13 Apr 2021 21:39

Tgt Ion: 104 Resp: 342535
Ion Ratio Lower Upper
104 100
78 53.5 43.8 65.8
103 48.8 38.3 57.5





#62

Isopropylbenzene

Concen: 15.939 ppbv

RT: 14.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

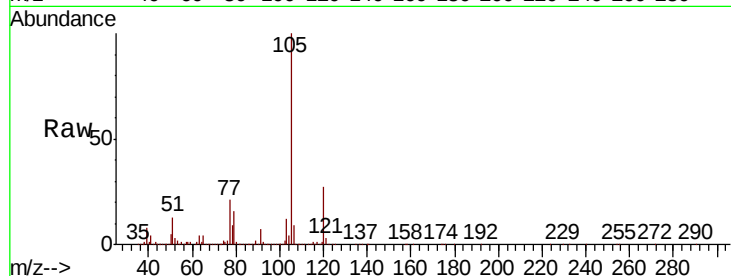
Acq: 13 Apr 2021 21:39

Tot Ion:105 Resp: 7061351

Ion Ratio Lower Upper

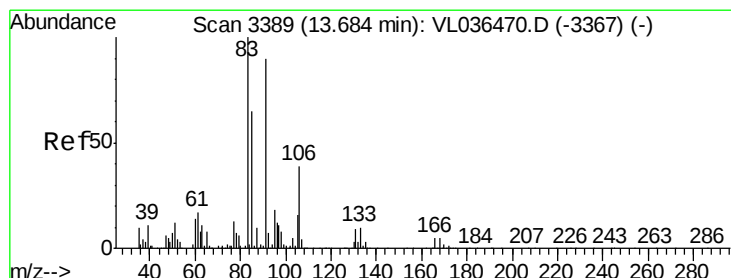
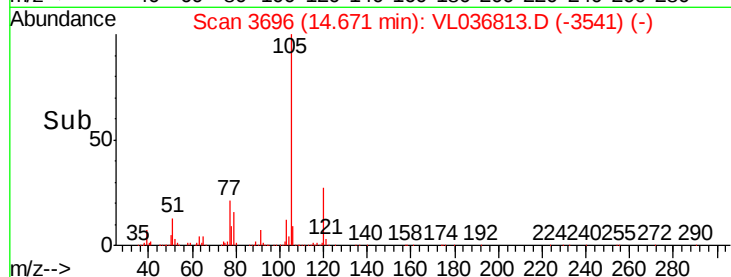
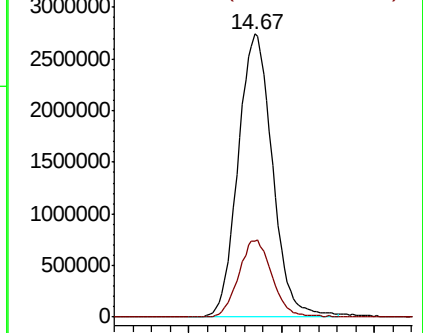
105 100

120 26.8 20.6 31.0



Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#63

1,1,2,2-Tetrachloroethane

Concen: 0.033 ppbv

RT: 13.68 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

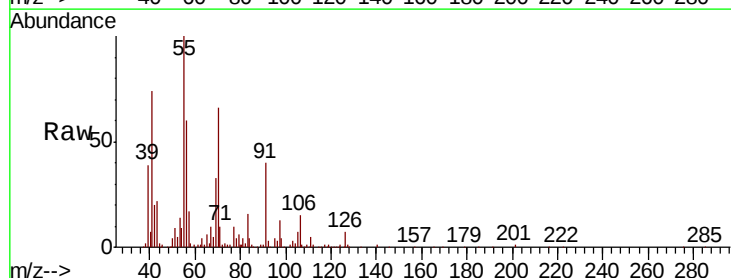
Tgt Ion: 83 Resp: 8346

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.0#

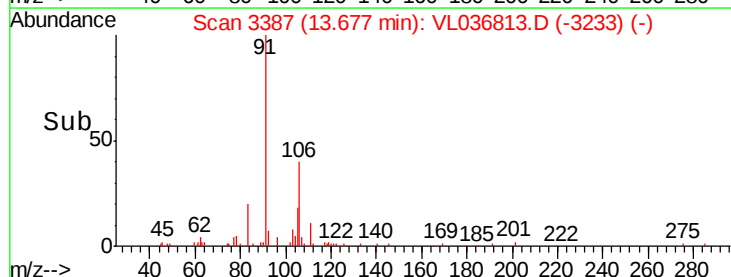
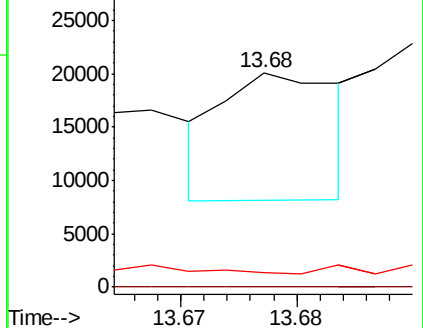
85 0.0 33.1 99.3#

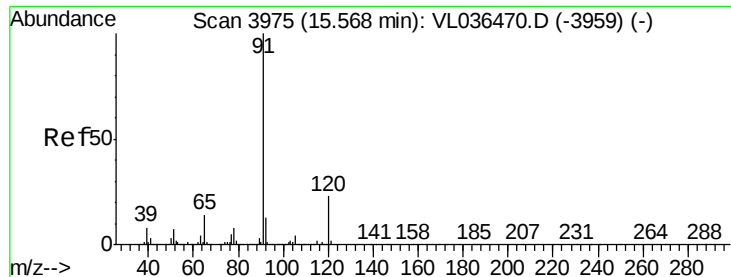


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VL0





#64

n-propylbenzene

Concen: 0.081 ppbv

RT: 15.56

Delta R.T. MSVOA_L

Lab File:

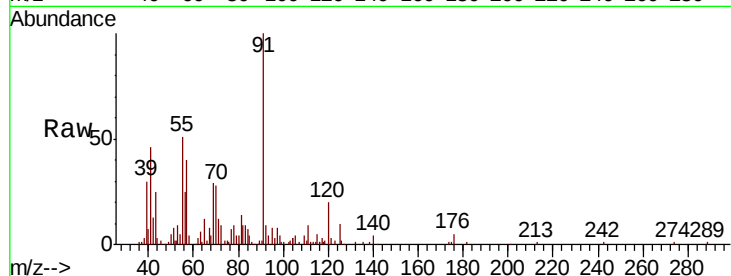
Acq: 13 Apr 2021 21:39

Tot Ion: 120 Resp: 8725

Ion Ratio Lower Upper

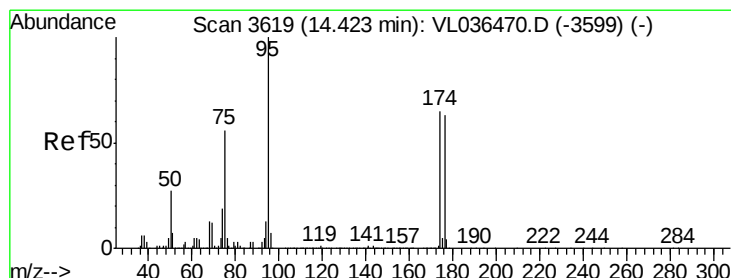
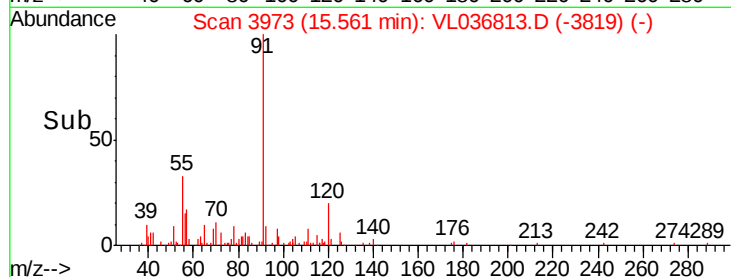
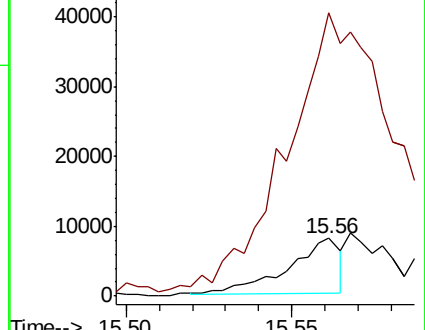
120 100

91 1058.8 377.4 566.2#



Abundance Ion 120.20 (119.90 to 120.90): VL0

Ion 91.10 (90.80 to 91.80): VL0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.041 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.00 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

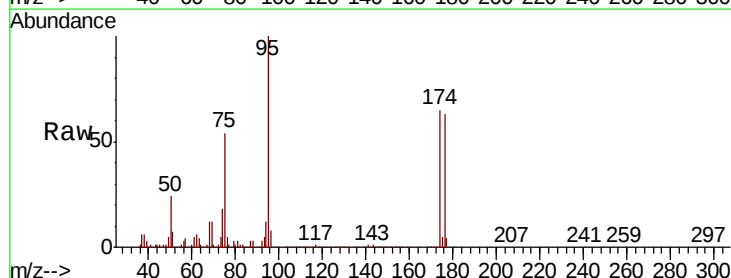
Tgt Ion: 95 Resp: 1931943

Ion Ratio Lower Upper

95 100

174 66.3 51.0 76.6

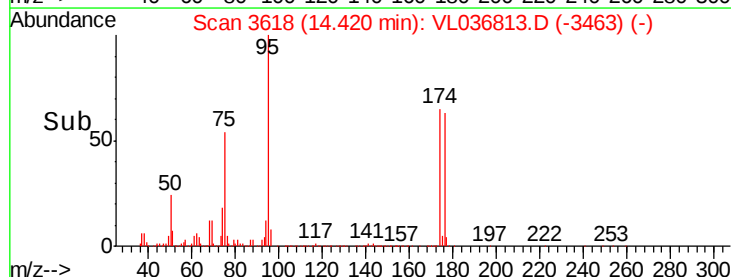
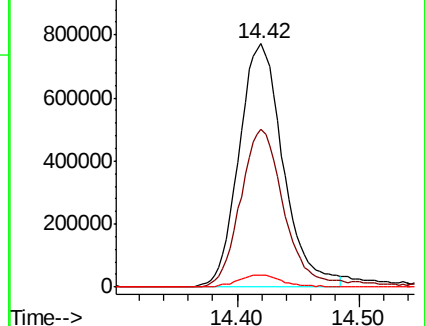
175 5.0 3.9 5.9

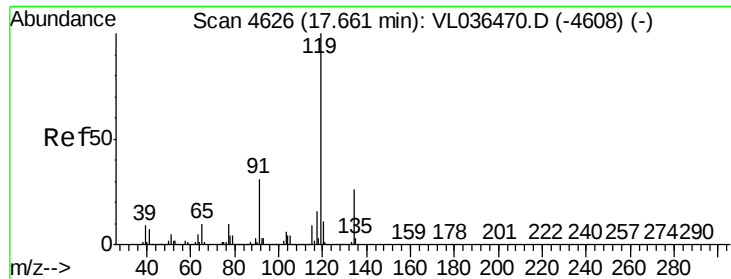


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): VL0

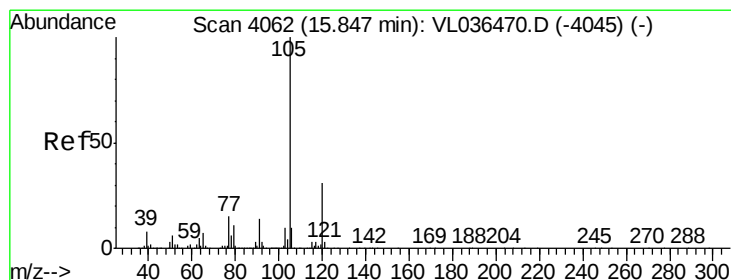
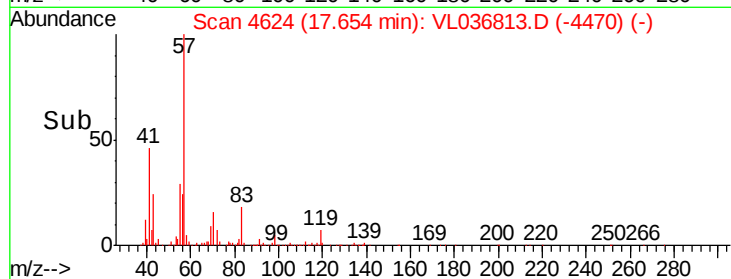
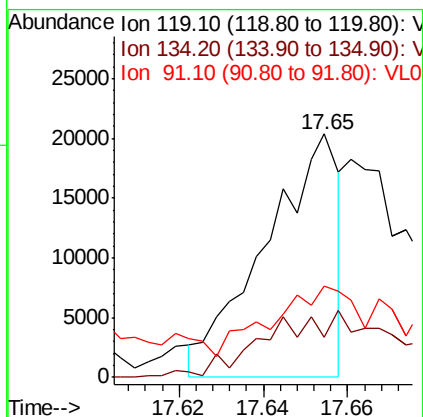
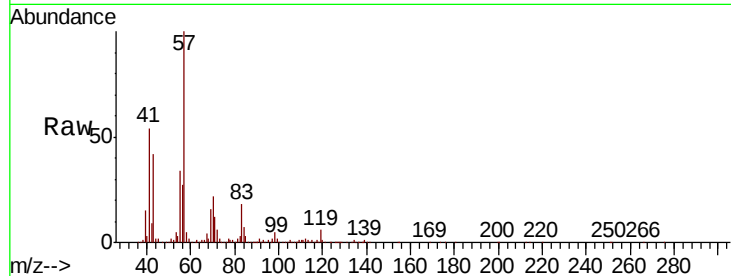
Ion 175.00 (174.70 to 175.70): VL0





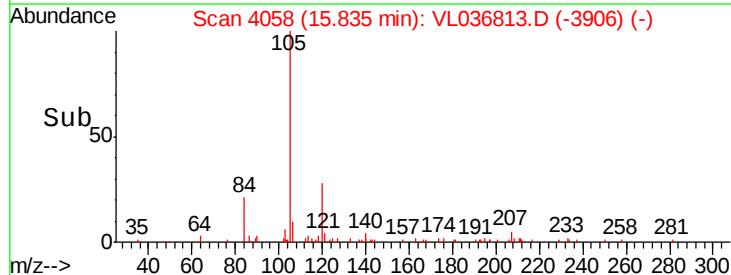
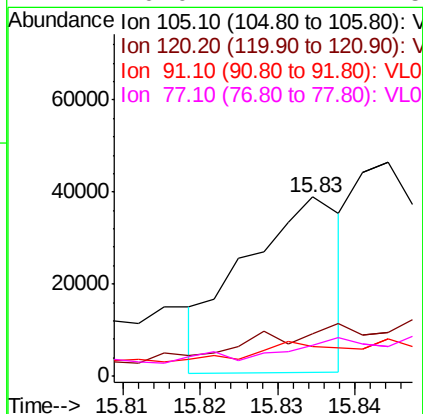
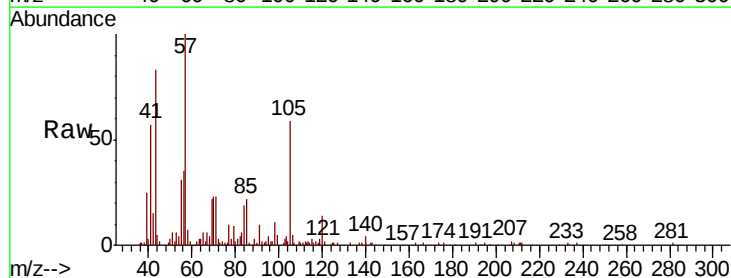
#69
 p-Isopropyltoluene
 Concen: 0.059 ppbv
 RT: 17.65 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 13 Apr 2021 21:39

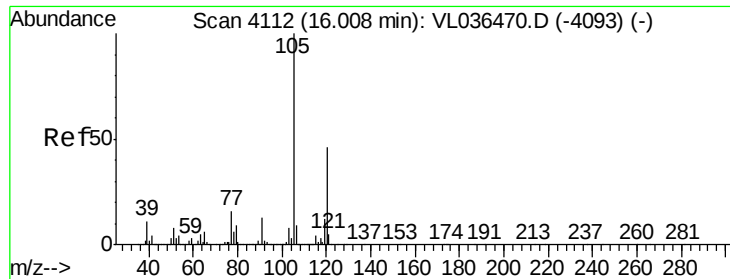
Tot Ion:	119	Resp:	24815
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.6	30.8#
91	76.8	25.0	37.6#



#72
 4-Ethyltoluene
 Concen: 0.092 ppbv
 RT: 15.83 min Scan# 4058
 Delta R.T. -0.01 min
 Lab File: VL036813.D
 Acq: 13 Apr 2021 21:39

Tgt Ion:	105	Resp:	33266
Ion Ratio	Lower	Upper	
105	100		
120	0.0	24.0	36.0#
91	0.0	11.0	16.4#
77	0.0	11.7	17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.082 ppbv

RT: 16.00

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

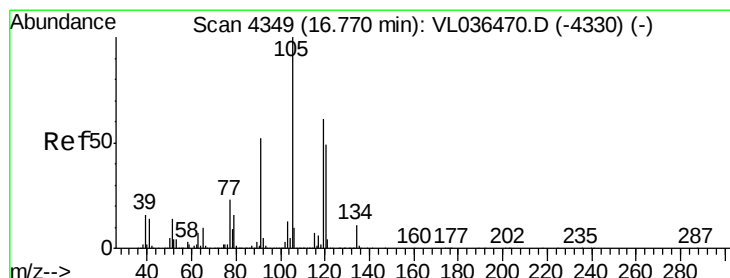
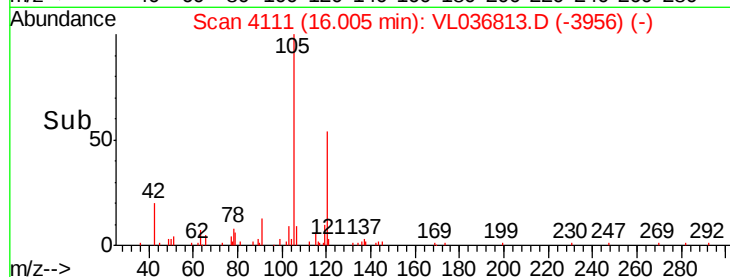
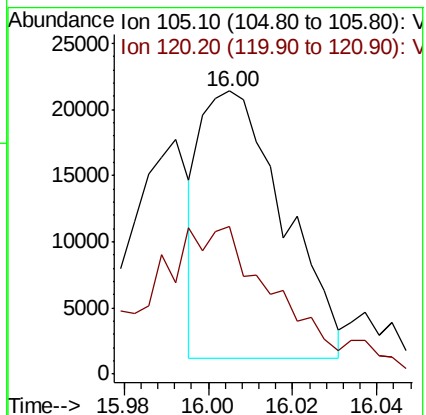
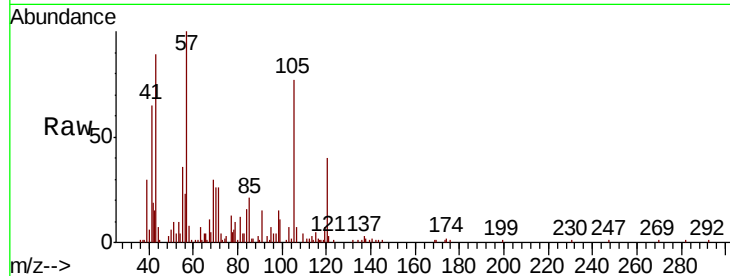
Acq: 13 Apr 2021 21:39

Tot Ion:105 Resp: 27565

Ion Ratio Lower Upper

105 100

120 51.5 36.6 54.8



#74

1,2,4-Trimethylbenzene

Concen: 0.466 ppbv

RT: 16.77 min Scan# 4348

Delta R.T. -0.00 min

Lab File: VL036813.D

Acq: 13 Apr 2021 21:39

Tgt Ion:105 Resp: 167649

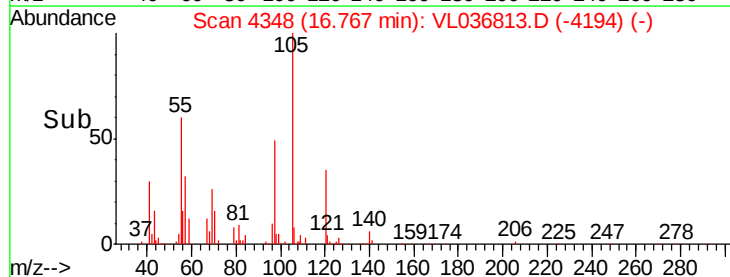
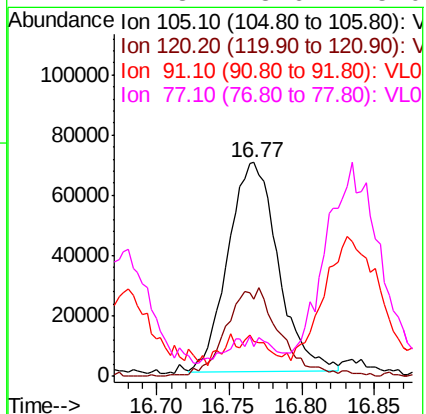
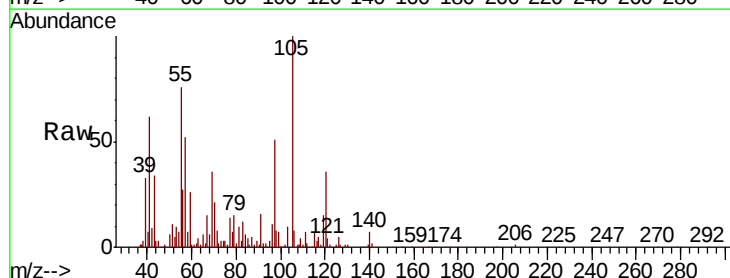
Ion Ratio Lower Upper

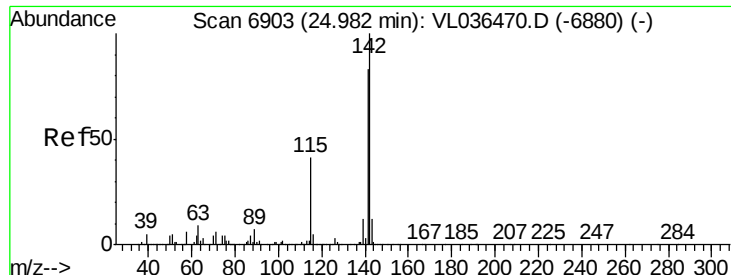
105 100

120 35.9 39.2 58.8#

91 3.3 42.6 64.0#

77 4.3 18.6 28.0#





#80

Naphthalene, 2-methyl-

Concen: 0.044 ppbv

RT: 24.97 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 13 Apr 2021 21:39

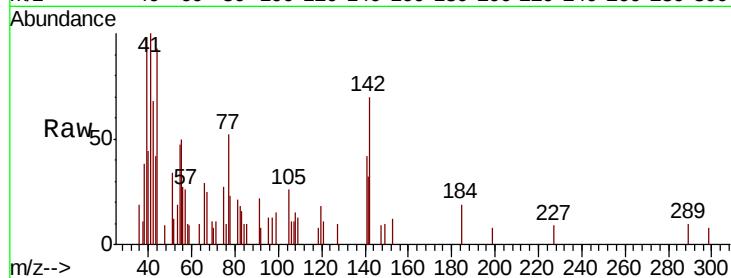
Tot Ion: 142 Resp: 1811

Ion Ratio Lower Upper

142 100

141 113.5 67.8 101.8#

115 35.8 34.0 51.0



Abundance

Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

