

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071818\
 Data File : VL032277.D
 Acq On : 19 Jul 2018 1:49
 Operator : SY/AP
 Sample : J3454-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 19 04:12:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
 QLast Update : Wed Jul 18 14:38:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.84	49	1669603	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.37	114	3572265	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.33	117	4134095	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.67	95	3287190	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

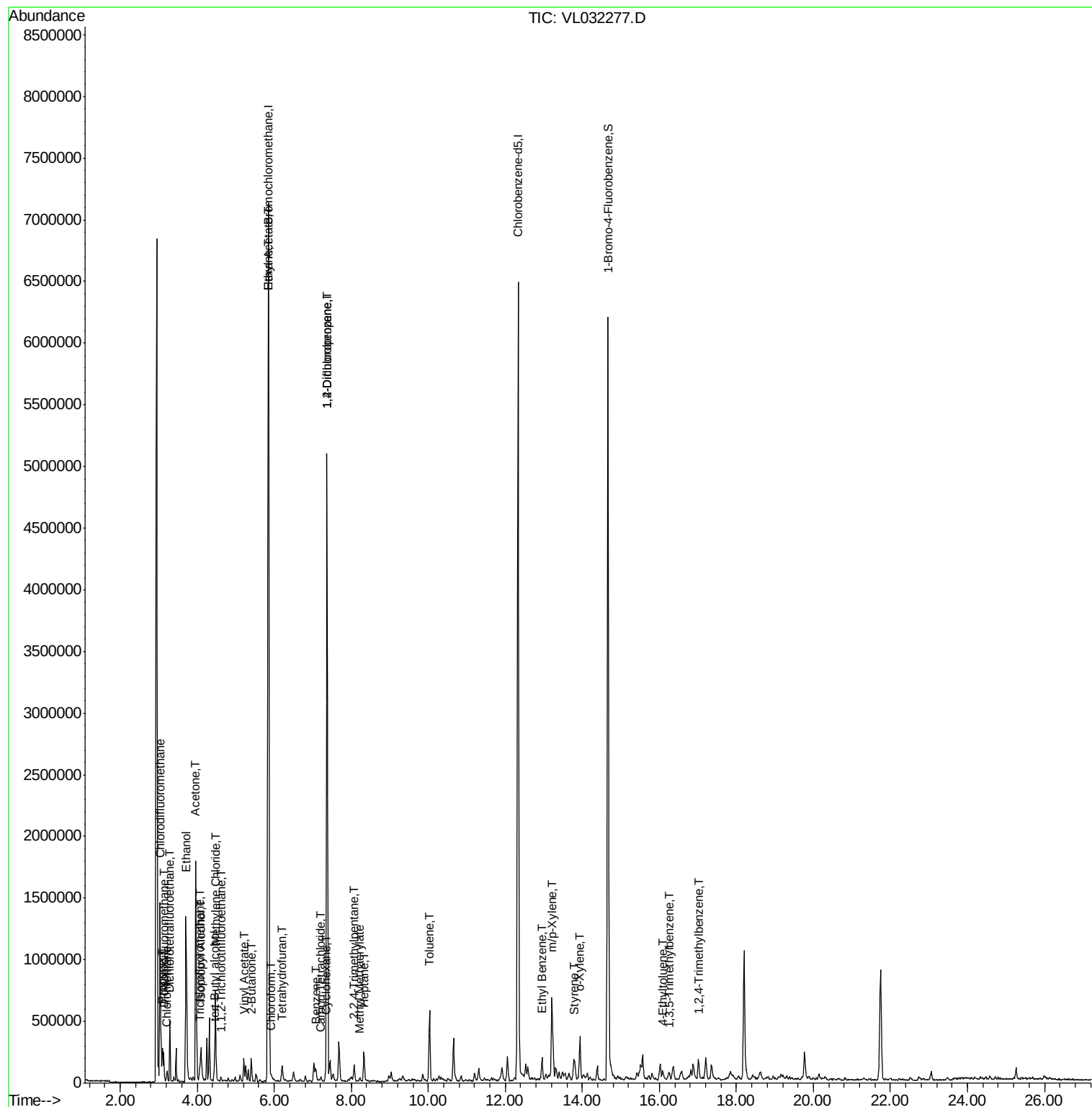
Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.13	85	152720	0.538	ppbv 97
3) Chlorodifluoromethane	3.04	51	1147459	6.124	ppbv # 69
4) Chloromethane	3.22	50	60419	0.548	ppbv 92
8) Dichlorotetrafluoroethane	3.27	85	4956	0.021	ppbv 89
9) Propene	3.10	41	51692	0.631	ppbv # 82
10) Heptane	8.33	43	87657	0.337	ppbv 99
11) Trichlorofluoromethane	4.07	101	63966	0.288	ppbv 94
12) 1,1,2-Trichlorotrifluoroet	4.62	101	8571	0.061	ppbv # 18
13) Ethanol	3.71	45	1500139	64.117	ppbv 99
15) Acetone	3.96	43	1824535	10.441	ppbv 98
17) tert-Butyl alcohol	4.44	59	21432	0.389	ppbv # 94
19) Isopropyl Alcohol	4.10	45	331780	2.807	ppbv # 1
20) Methylene Chloride	4.47	84	248362	3.692	ppbv 96
23) Vinyl Acetate	5.22	43	67864	0.217	ppbv # 71
25) Ethyl Acetate	5.85	43	1866371	4.903	ppbv # 78
26) Hexane	5.85	57	2529596	14.471	ppbv # 44
29) Chloroform	5.92	83	11165	0.043	ppbv # 67
30) Cyclohexane	7.33	84	6250	0.043	ppbv # 1
34) 2-Butanone	5.40	43	212442	0.867	ppbv 98
35) Carbon Tetrachloride	7.22	117	6906	0.028	ppbv 94
36) Benzene	7.09	78	30734	0.087	ppbv 93
39) 1,2-Dichloropropane	7.37	63	1001185	7.192	ppbv # 25
41) Tetrahydrofuran	6.20	42	44370	0.310	ppbv # 55
43) Methyl Methacrylate	8.21	69	6424	0.045	ppbv # 1
44) 2,2,4-Trimethylpentane	8.08	57	31993	0.052	ppbv # 1
53) Toluene	10.03	91	361269	0.847	ppbv 99
58) Ethyl Benzene	12.95	91	141937	0.244	ppbv 98
59) m/p-Xylene	13.21	91	652098	1.312	ppbv 99
60) o-Xylene	13.94	91	258394	0.522	ppbv 95
61) Styrene	13.78	104	57099	0.155	ppbv # 81
72) 4-Ethyltoluene	16.09	105	15932	0.028	ppbv # 17
73) 1,3,5-Trimethylbenzene	16.24	105	35079	0.063	ppbv 89
74) 1,2,4-Trimethylbenzene	17.01	105	101839	0.174	ppbv # 68

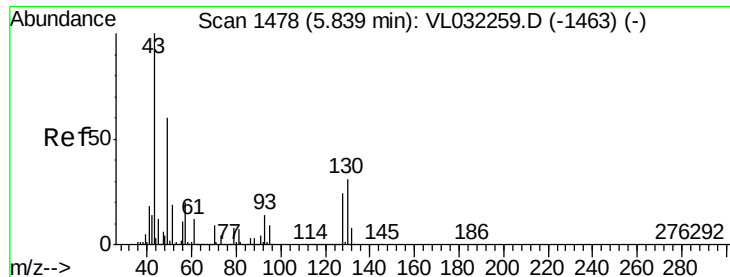
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL071818\
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL071818AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 18 14:38:53 2018
QLast Update : Wed Jul 18 14:38:53 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.84 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :
MSVOA_L
ClientSampleId :

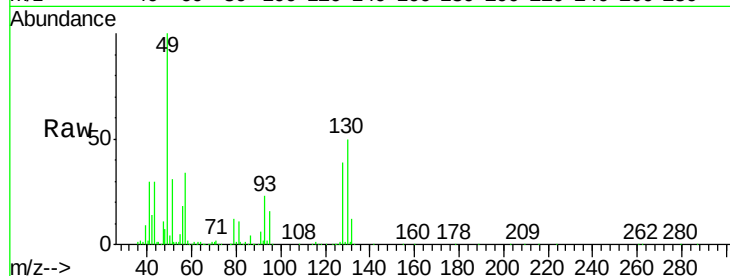
Tot Ion: 49 Resp: 1669603

Ion	Ratio	Lower	Upper
49	100		
128	39.5	20.1	60.2
130	50.9	25.9	77.6

49 100

128 39.5 20.1 60.2

130 50.9 25.9 77.6



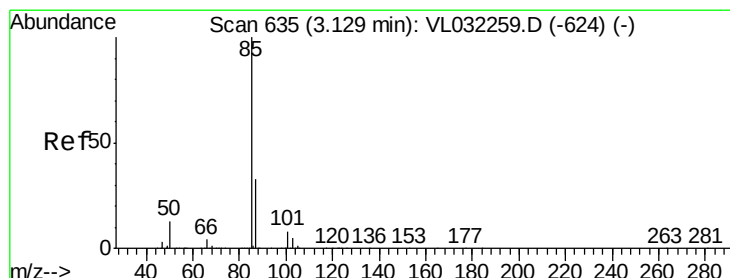
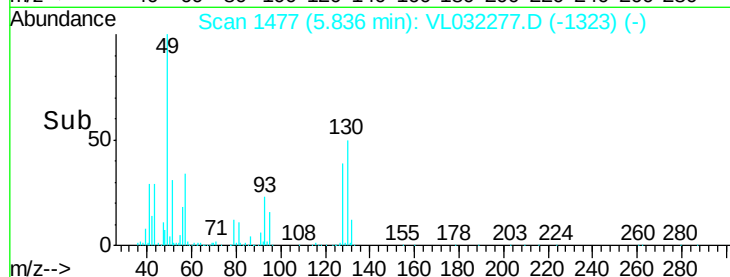
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.84

Time-->



#2

Dichlorodifluoromethane

Concen: 0.538 ppbv

RT: 3.13 min Scan# 635

Delta R.T. -0.00 min

Lab File: VL032277.D

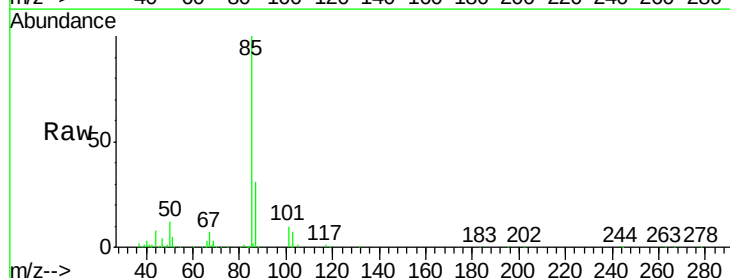
Acq: 19 Jul 2018 1:49

Tgt Ion: 85 Resp: 152720

Ion	Ratio	Lower	Upper
85	100		
87	31.1	26.2	39.2

85 100

87 31.1 26.2 39.2

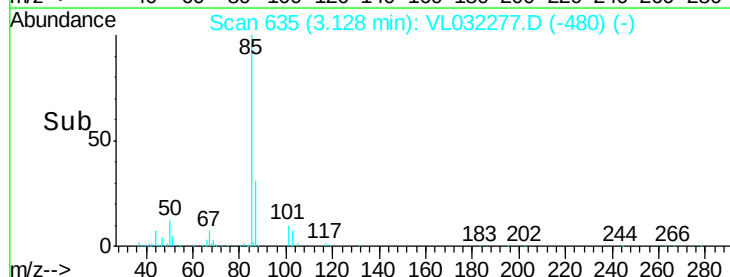


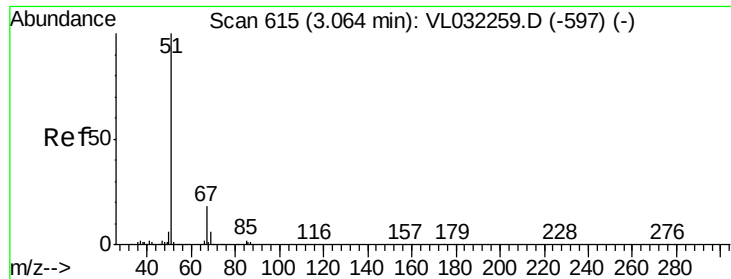
Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

3.13

Time-->

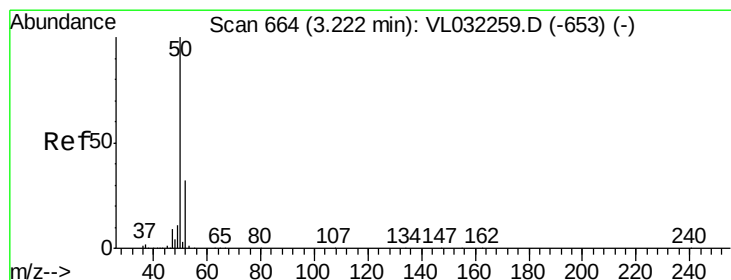
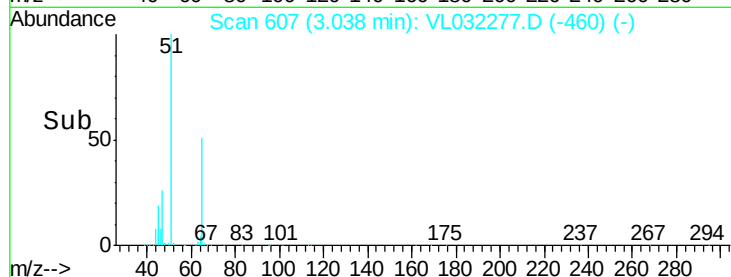
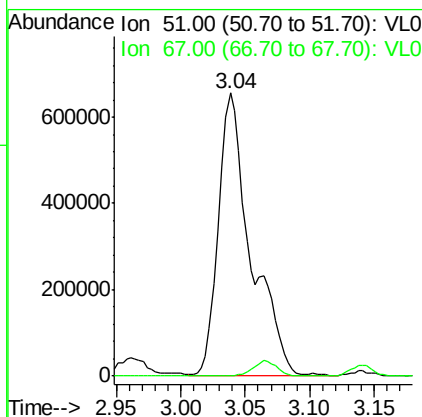
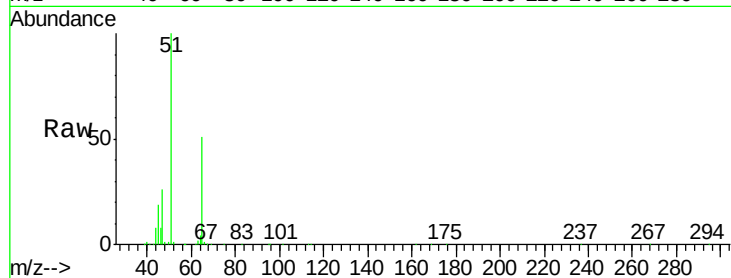




#3
Chlorodifluoromethane
Concen: 6.124 ppbv
RT: 3.04 min Scan# 607
Delta R.T. -0.03 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

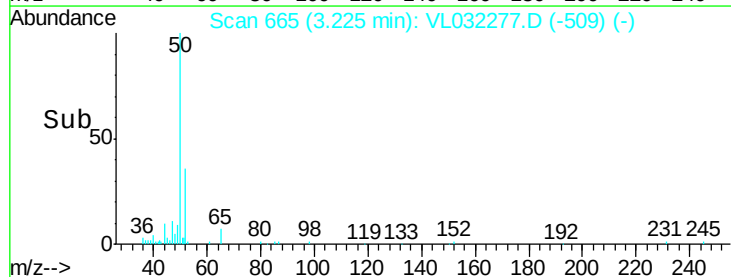
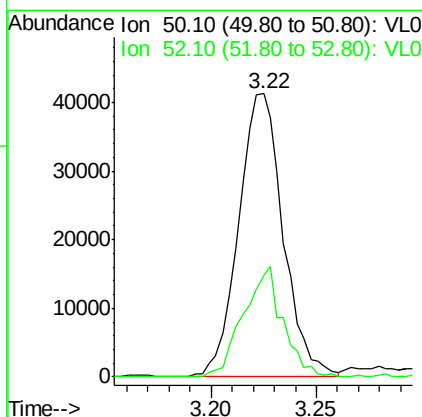
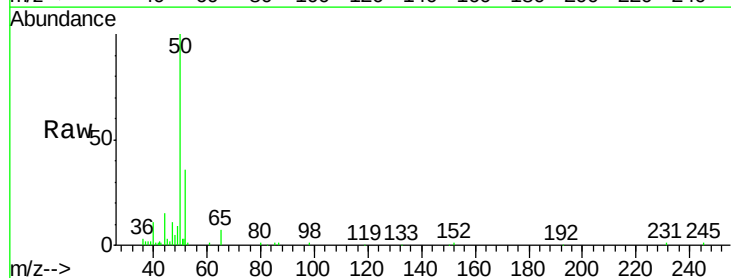
Instrument :
MSVOA_L
ClientSampleId :

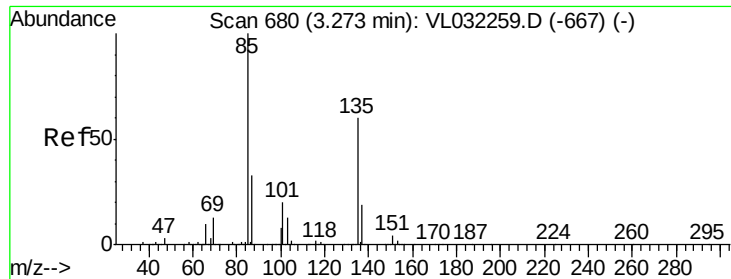
Tot Ion: 51 Resp: 1147459
Ion Ratio Lower Upper
51 100
67 4.1 14.2 21.4#



#4
Chloromethane
Concen: 0.548 ppbv
RT: 3.22 min Scan# 665
Delta R.T. 0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

Tgt Ion: 50 Resp: 60419
Ion Ratio Lower Upper
50 100
52 35.8 25.3 37.9





#8

Dichlorotetrafluoroethane

Concen: 0.021 ppbv

RT: 3.27 min Scan# 680

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

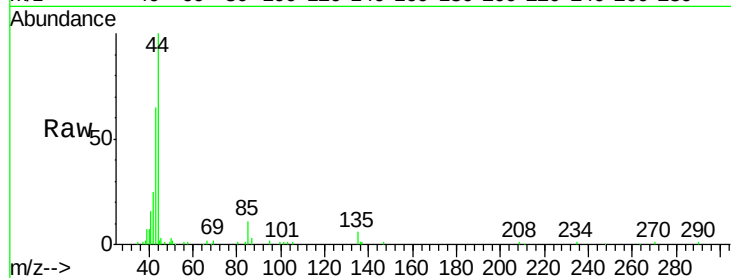
ClientSampleId :

Tot Ion: 85 Resp: 4956

Ion Ratio Lower Upper

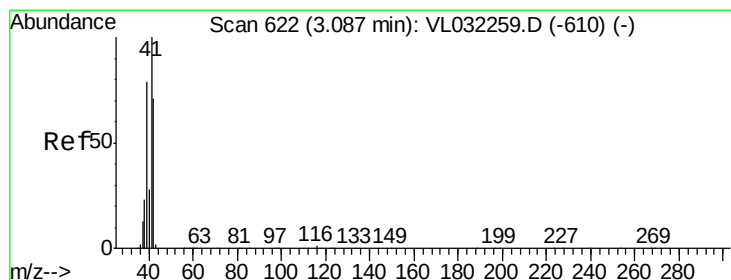
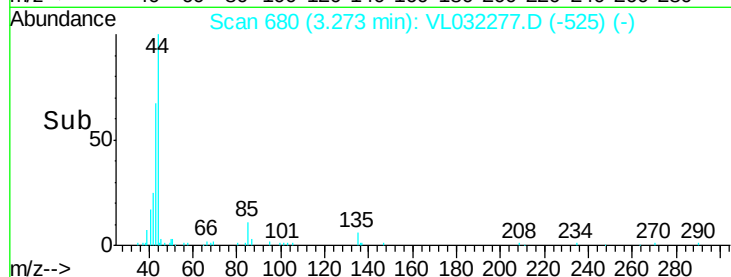
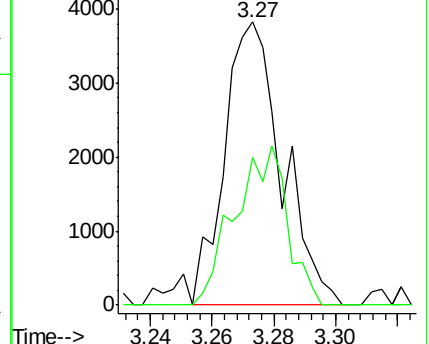
85 100

135 51.3 47.8 71.8



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 135.00 (134.70 to 135.70): V



#9

Propene

Concen: 0.631 ppbv

RT: 3.10 min Scan# 626

Delta R.T. 0.01 min

Lab File: VL032277.D

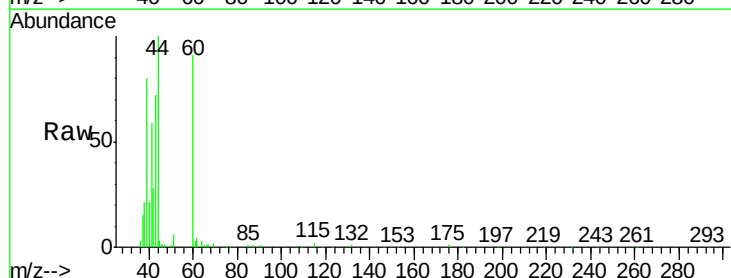
Acq: 19 Jul 2018 1:49

Tgt Ion: 41 Resp: 51692

Ion Ratio Lower Upper

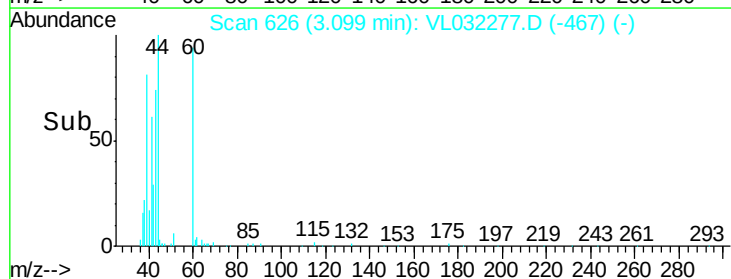
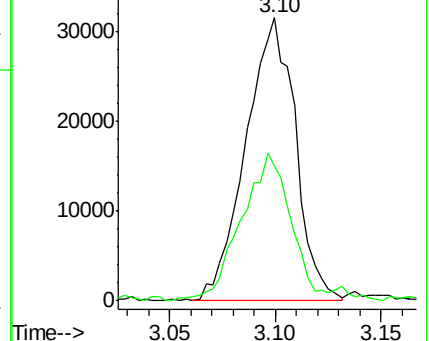
41 100

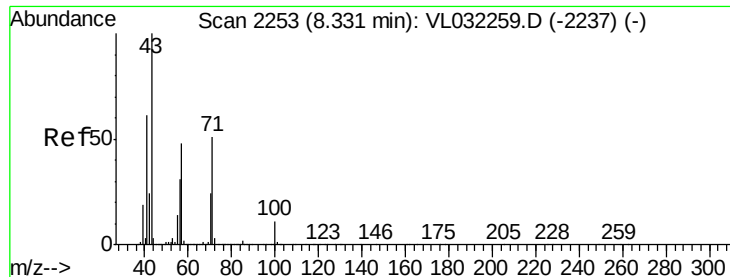
42 55.5 56.2 84.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#10

Heptane

Concen: 0.337 ppbv

RT: 8.33 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

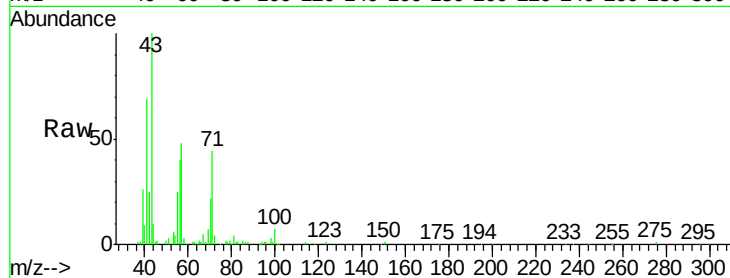
ClientSampleId :

Tot Ion: 43 Resp: 87657

Ion Ratio Lower Upper

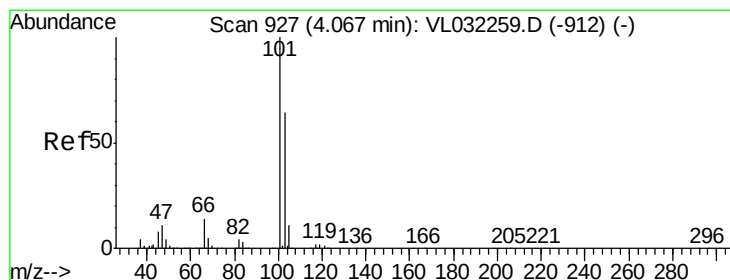
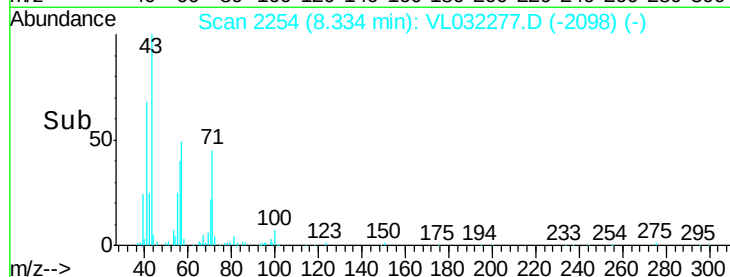
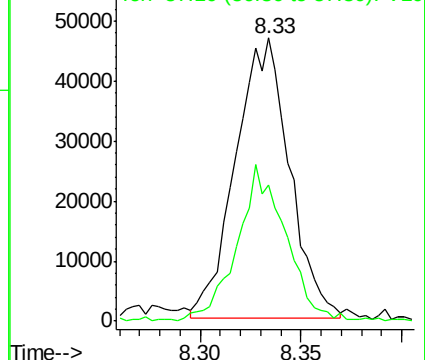
43 100

57 50.4 39.9 59.9



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#11

Trichlorofluoromethane

Concen: 0.288 ppbv

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VL032277.D

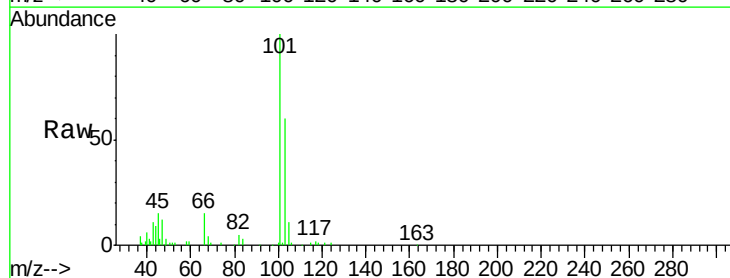
Acq: 19 Jul 2018 1:49

Tgt Ion: 101 Resp: 63966

Ion Ratio Lower Upper

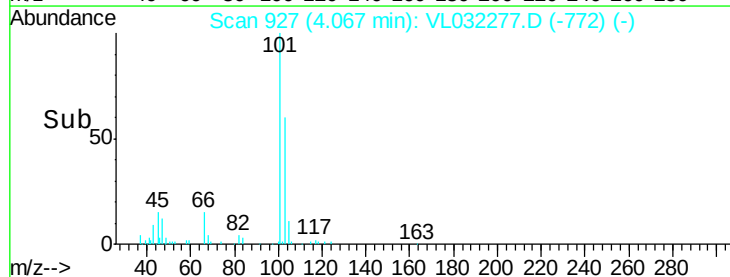
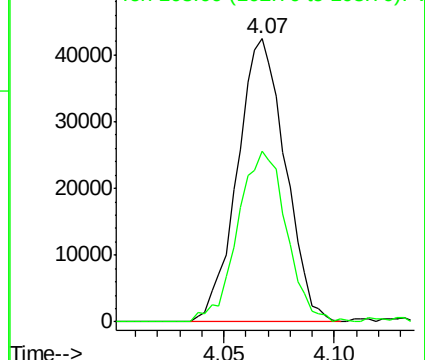
101 100

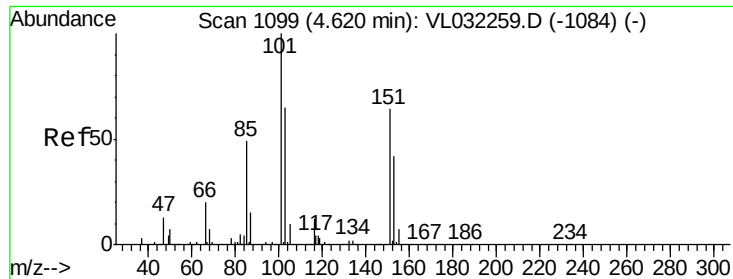
103 60.0 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.061 ppbv

RT: 4.62 min Scan# 1098

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

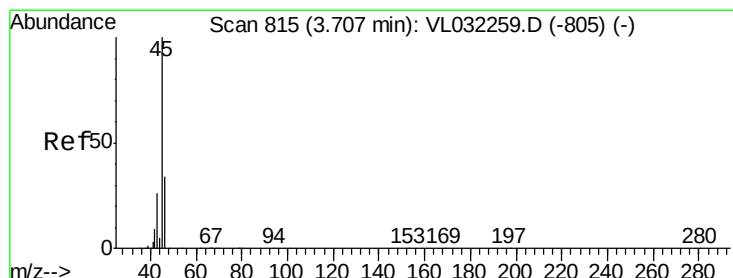
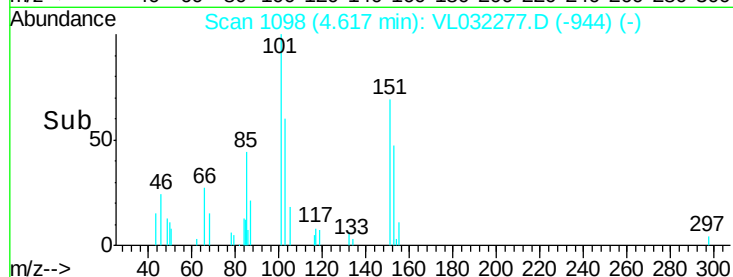
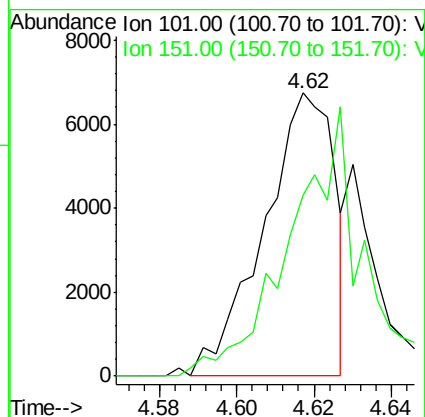
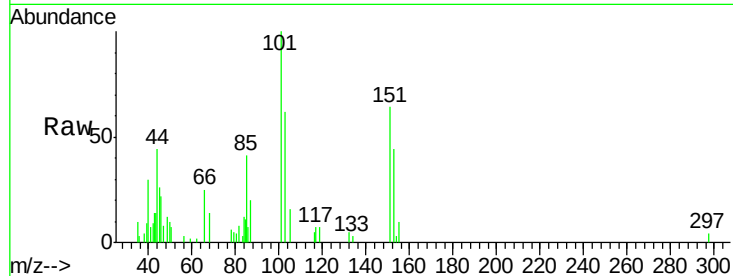
ClientSampleId :

Tot Ion:101 Resp: 8571

Ion Ratio Lower Upper

101 100

151 0.0 51.3 76.9#



#13

Ethanol

Concen: 64.117 ppbv

RT: 3.71 min Scan# 816

Delta R.T. 0.00 min

Lab File: VL032277.D

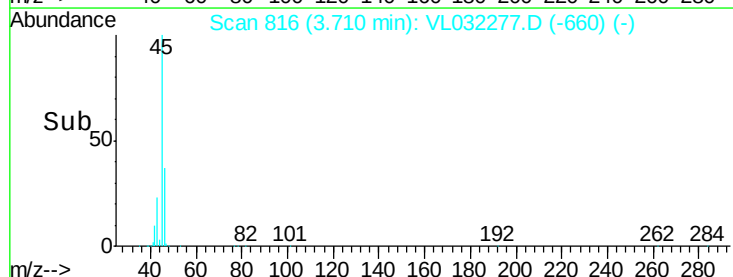
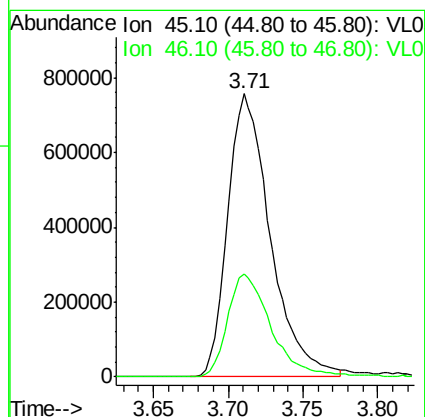
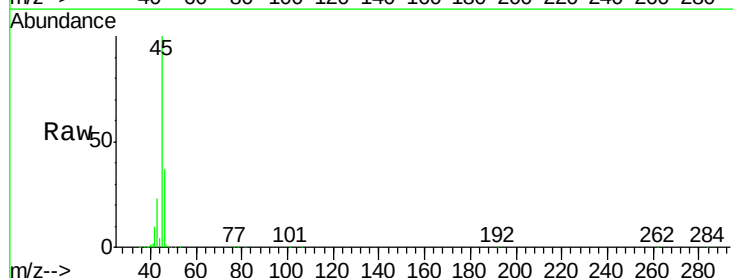
Acq: 19 Jul 2018 1:49

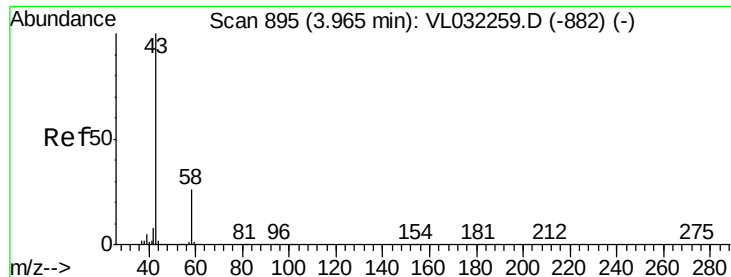
Tgt Ion: 45 Resp: 1500139

Ion Ratio Lower Upper

45 100

46 37.6 15.2 60.8





#15

Acetone

Concen: 10.441 ppbv

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

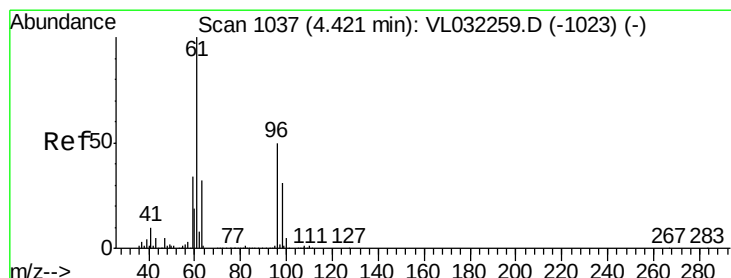
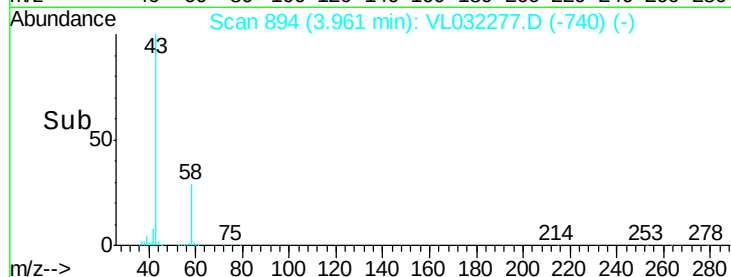
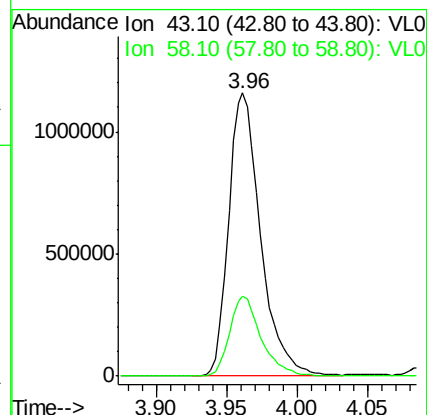
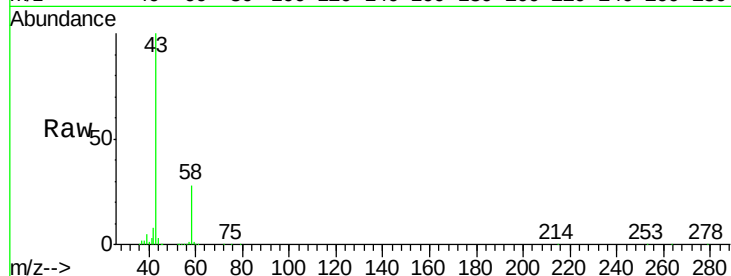
ClientSampleId :

Tot Ion: 43 Resp: 1824535

Ion Ratio Lower Upper

43 100

58 28.2 21.8 32.6



#17

tert-Butyl alcohol

Concen: 0.389 ppbv

RT: 4.44 min Scan# 1044

Delta R.T. 0.02 min

Lab File: VL032277.D

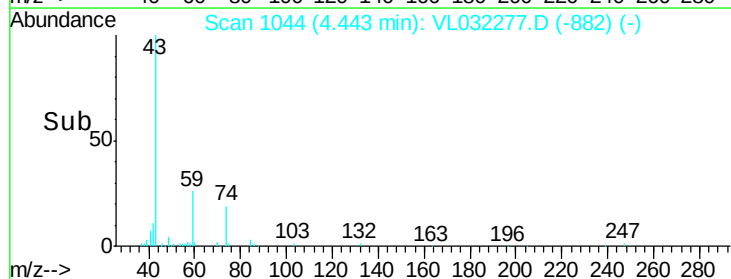
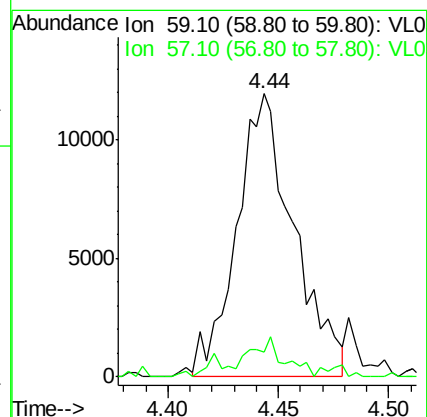
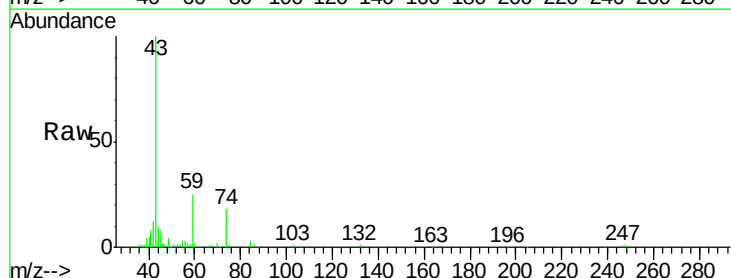
Acq: 19 Jul 2018 1:49

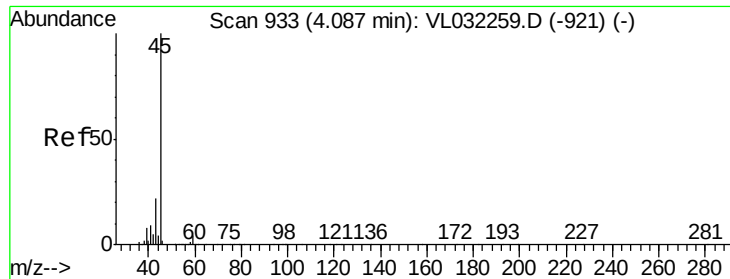
Tgt Ion: 59 Resp: 21432

Ion Ratio Lower Upper

59 100

57 12.4 8.2 12.4#



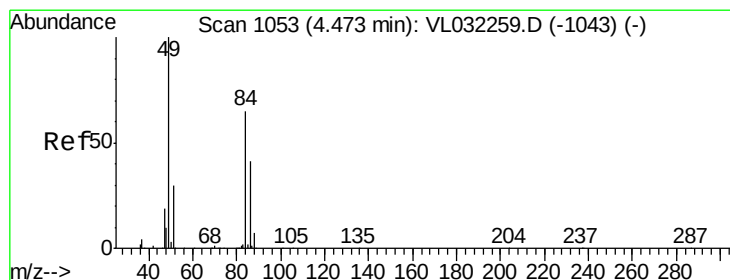
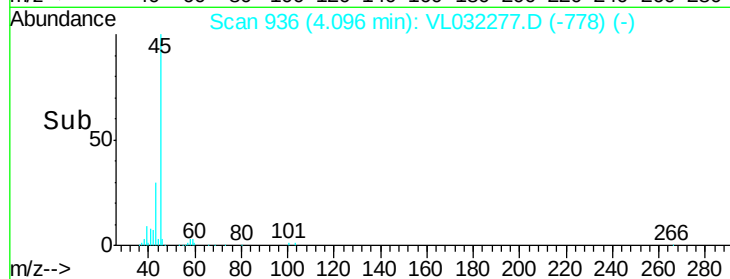
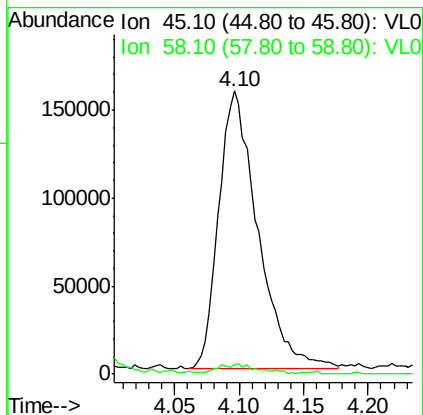
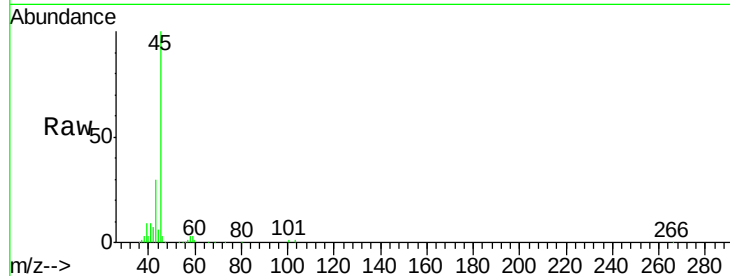


#19

Isopropyl Alcohol
 Concen: 2.807 ppbv
 RT: 4.10 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

Instrument :
 MSVOA_L
 ClientSampleId :

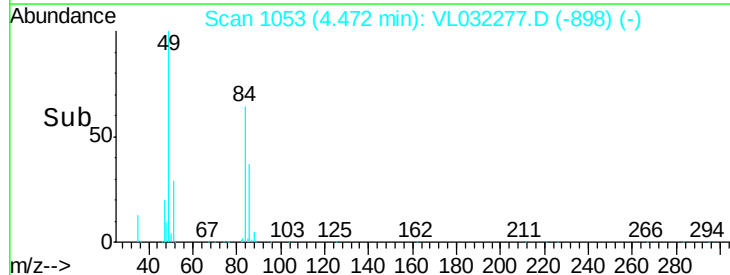
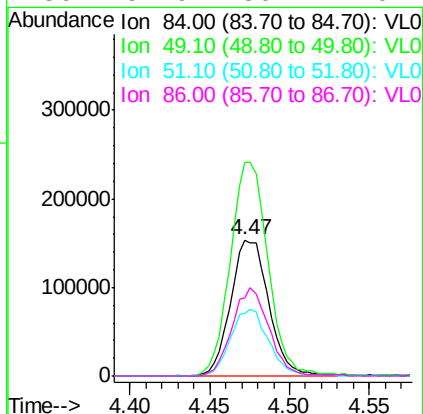
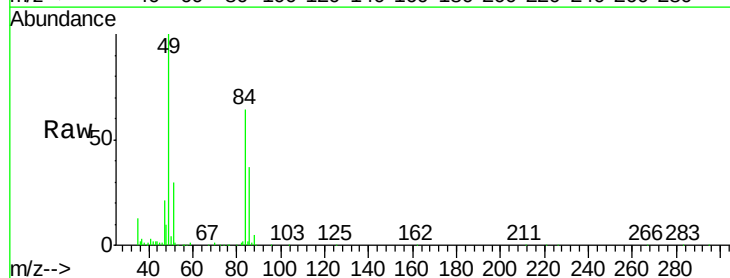
Tot Ion: 45 Resp: 331780
 Ion Ratio Lower Upper
 45 100
 58 154.7 1.5 2.3#

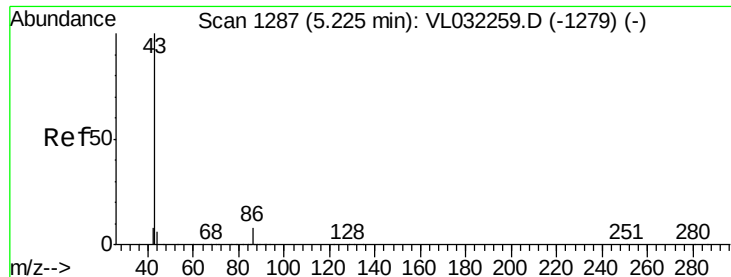


#20

Methylene Chloride
 Concen: 3.692 ppbv
 RT: 4.47 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

Tgt Ion: 84 Resp: 248362
 Ion Ratio Lower Upper
 84 100
 49 157.3 122.4 183.6
 51 46.3 36.8 55.2
 86 57.9 50.7 76.1

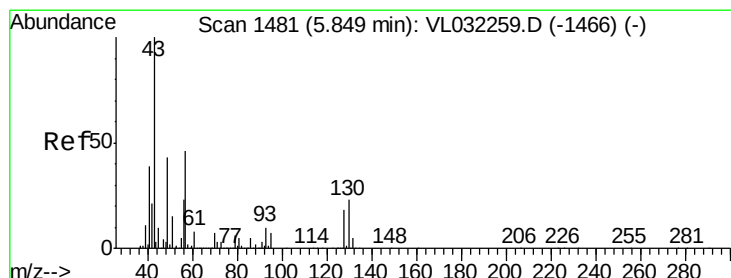
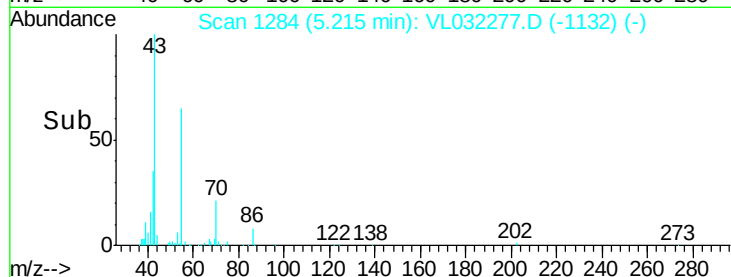
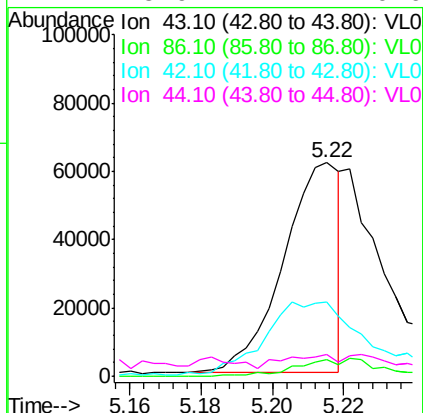
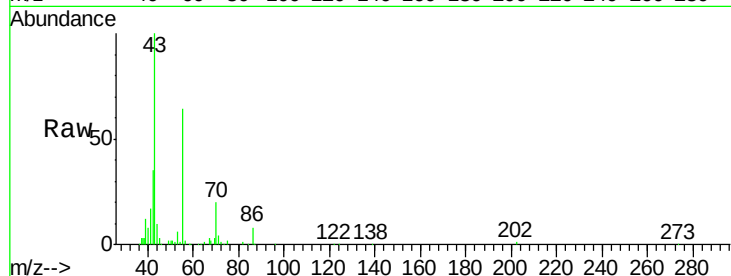




#23
 Vinyl Acetate
 Concen: 0.217 ppbv
 RT: 5.22 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

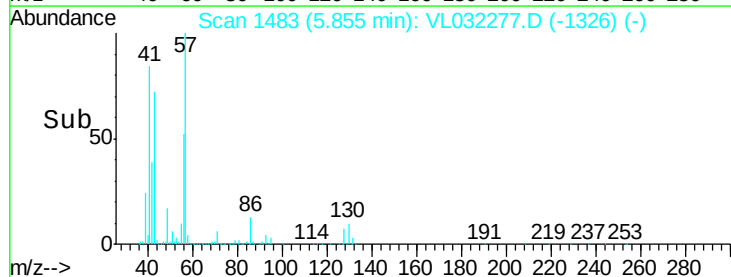
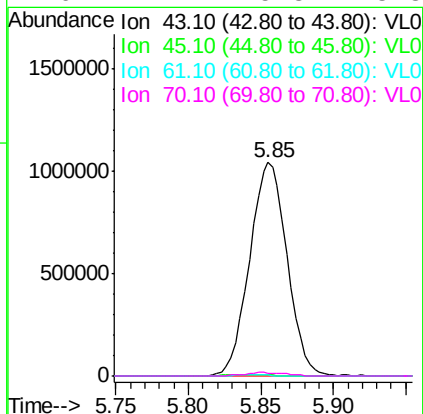
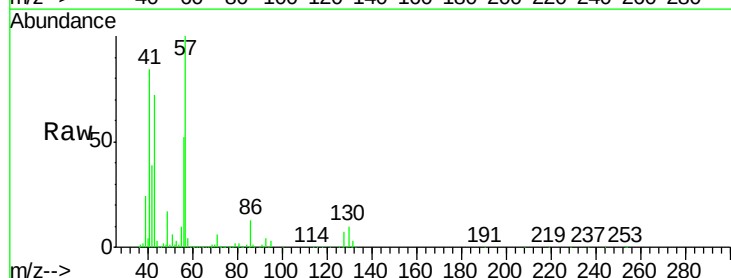
Instrument :
 MSVOA_L
 ClientSampleId :

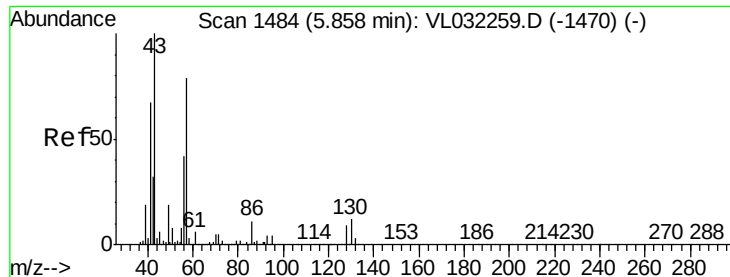
Tot Ion:	43	Resp:	67864
Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.9	8.9
42	34.0	7.3	10.9#
44	5.9	4.4	6.6



#25
 Ethyl Acetate
 Concen: 4.903 ppbv
 RT: 5.85 min Scan# 1483
 Delta R.T. 0.01 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

Tgt Ion:	43	Resp:	1866371
Ion	Ratio	Lower	Upper
43	100		
45	1.0	7.9	11.9#
61	0.7	7.6	11.4#
70	1.7	5.8	8.8#





#26

Hexane

Concen: 14.471 ppbv

RT: 5.85 min Scan# 1483

Delta R.T. -0.00 min

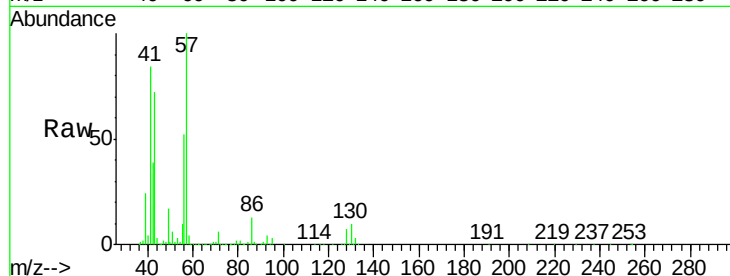
Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

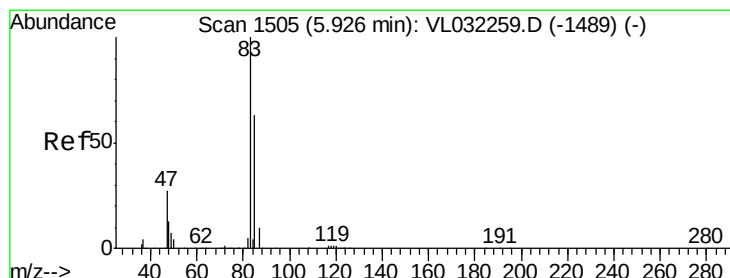
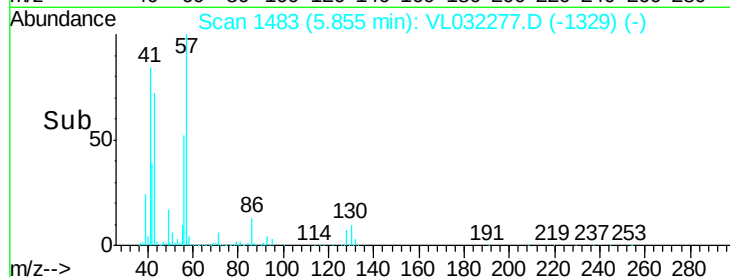
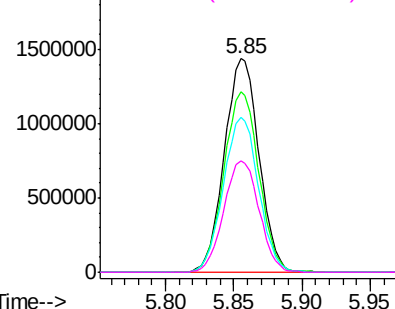
Instrument :
MSVOA_L
ClientSampleId :

Tot Ion: 57 Resp: 2529596

Ion	Ratio	Lower	Upper
57	100		
41	85.9	67.9	101.9
43	74.1	175.9	263.9#
56	53.4	41.9	62.9



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



#29

Chloroform

Concen: 0.043 ppbv

RT: 5.92 min Scan# 1504

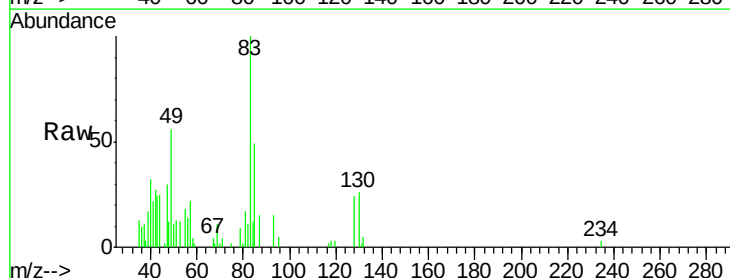
Delta R.T. -0.00 min

Lab File: VL032277.D

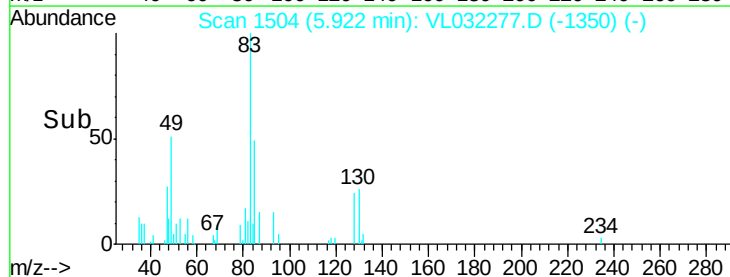
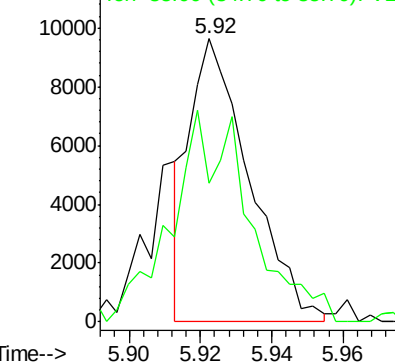
Acq: 19 Jul 2018 1:49

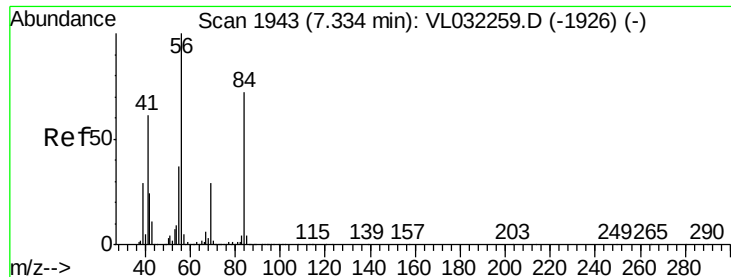
Tgt Ion: 83 Resp: 11165

Ion	Ratio	Lower	Upper
83	100		
85	37.7	50.7	76.1#



Abundance Ion 83.00 (82.70 to 83.70): VL0
Ion 85.00 (84.70 to 85.70): VL0

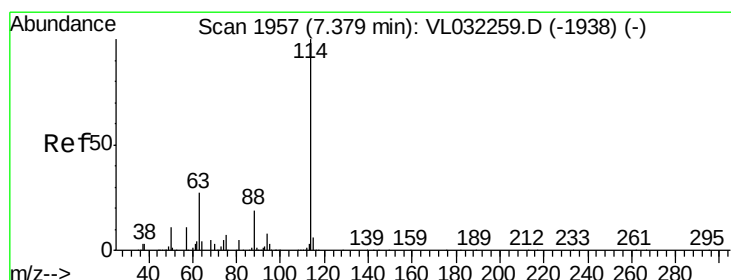
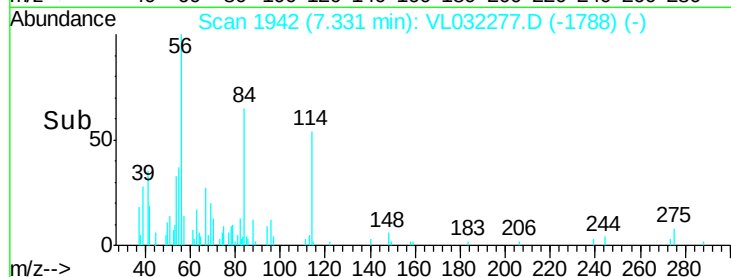
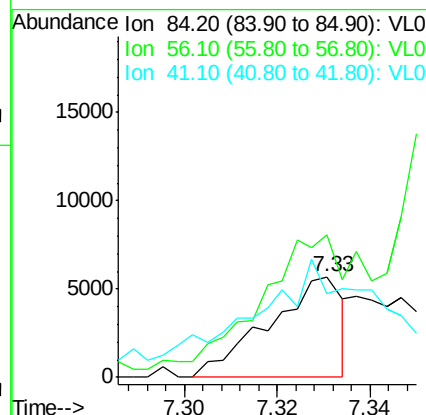
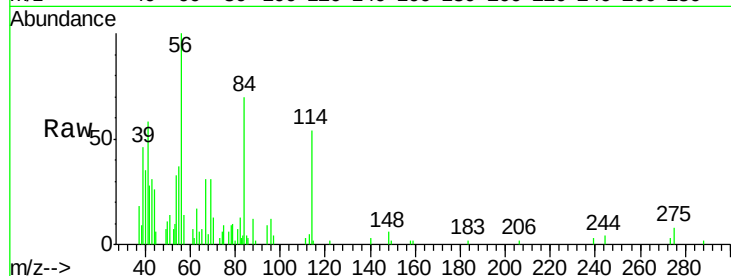




#30
Cyclohexane
Concen: 0.043 ppbv
RT: 7.33 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

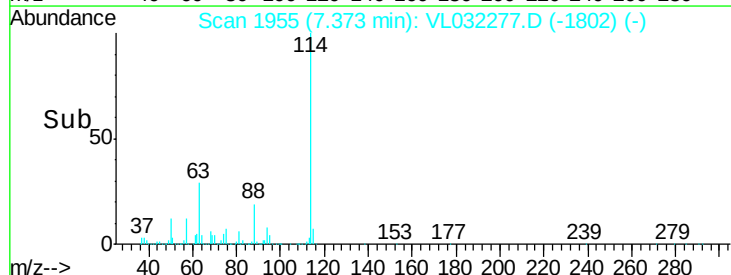
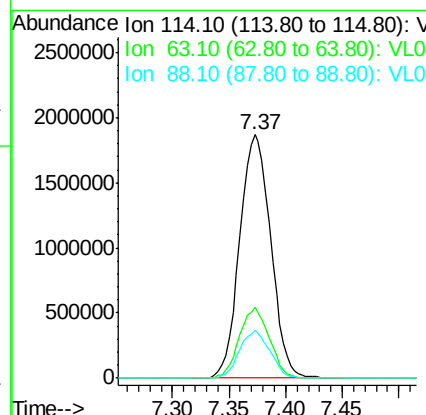
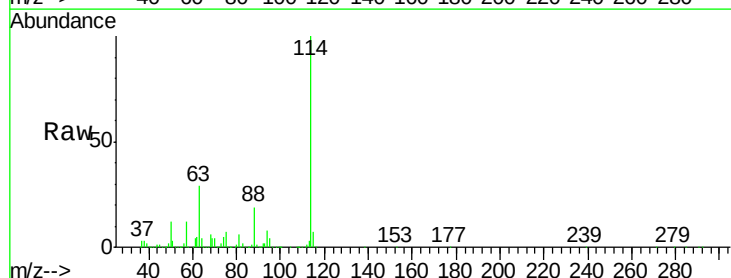
Instrument :
MSVOA_L
ClientSampled :

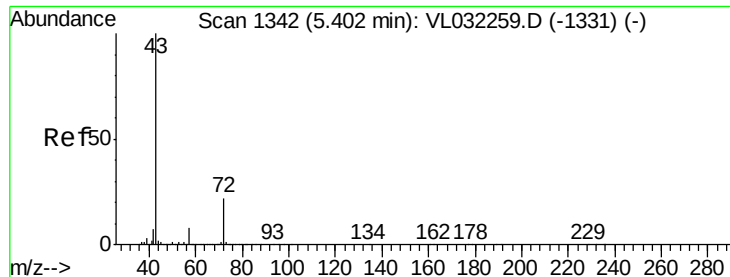
Tot Ion: 84 Resp: 6250
Ion Ratio Lower Upper
84 100
56 0.0 115.6 173.4#
41 213.5 68.7 103.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.37 min Scan# 1955
Delta R.T. -0.01 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

Tgt Ion: 114 Resp: 3572265
Ion Ratio Lower Upper
114 100
63 28.4 22.6 33.8
88 19.2 15.2 22.8

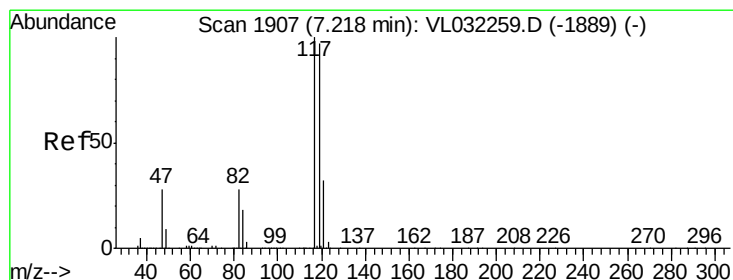
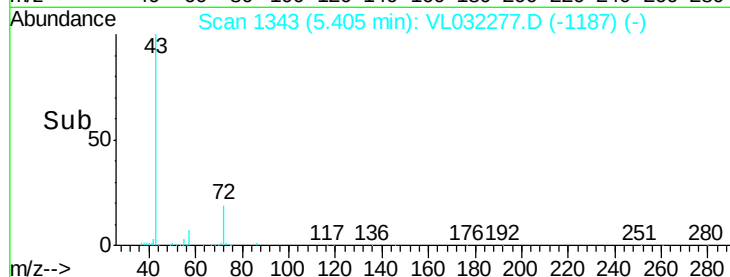
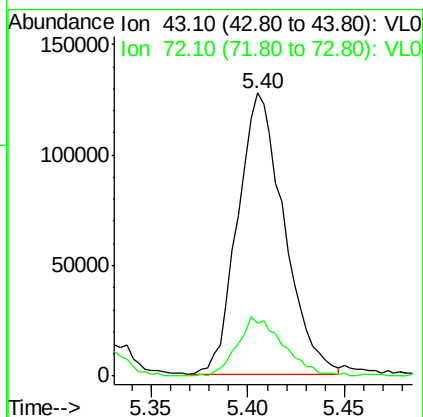
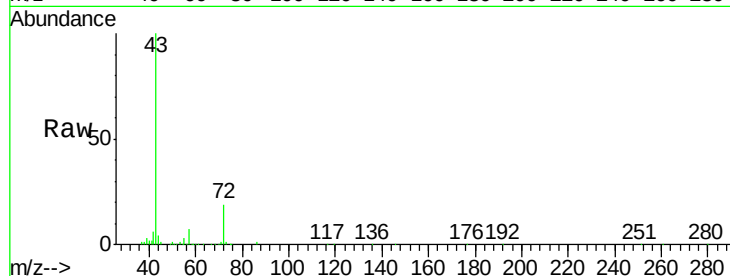




#34
2-Butanone
Concen: 0.867 ppbv
RT: 5.40 min Scan# 1343
Delta R.T. 0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

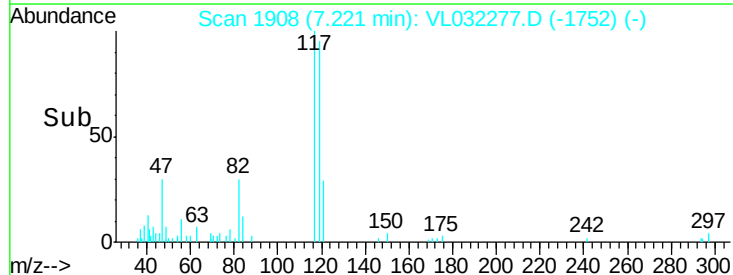
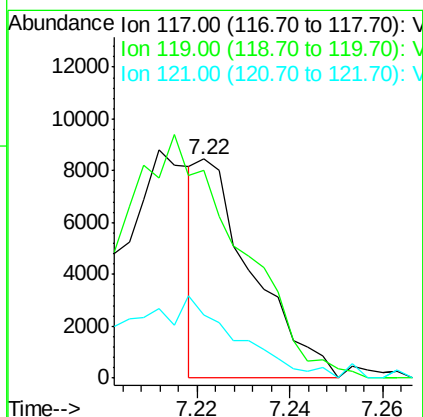
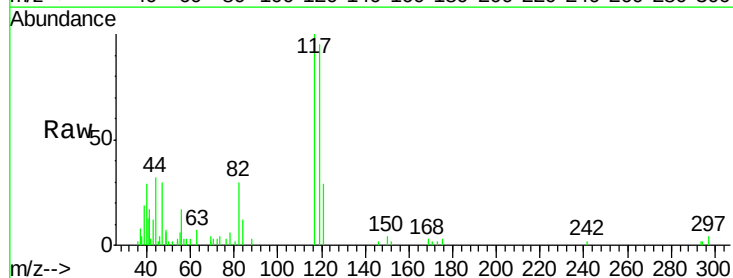
Instrument :
MSVOA_L
ClientSampleId :

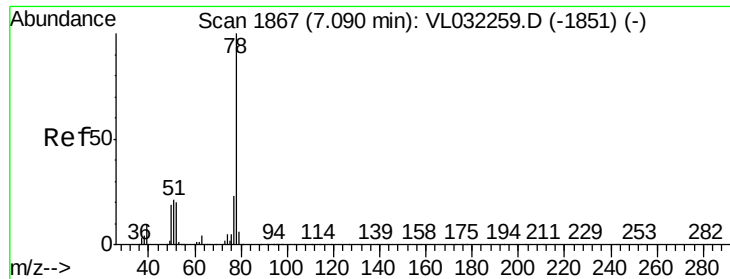
Tot Ion: 43 Resp: 212442
Ion Ratio Lower Upper
43 100
72 21.1 17.7 26.5



#35
Carbon Tetrachloride
Concen: 0.028 ppbv
RT: 7.22 min Scan# 1908
Delta R.T. 0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

Tgt Ion: 117 Resp: 6906
Ion Ratio Lower Upper
117 100
119 90.8 77.4 116.0
121 28.9 25.4 38.2





#36

Benzene

Concen: 0.087 ppbv

RT: 7.09 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

ClientSampleId :

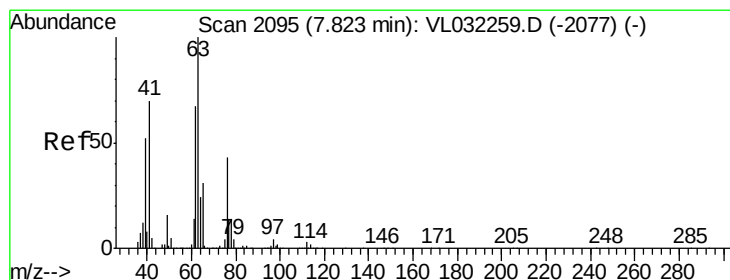
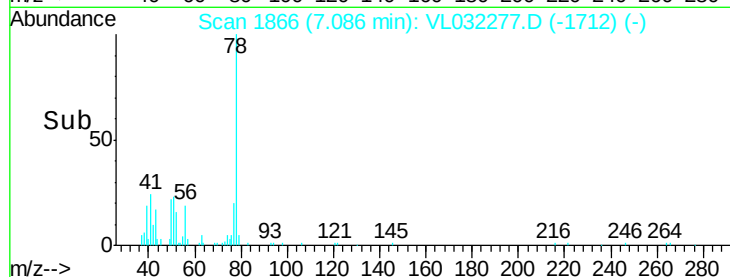
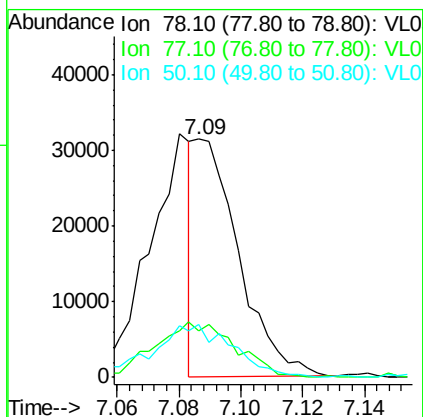
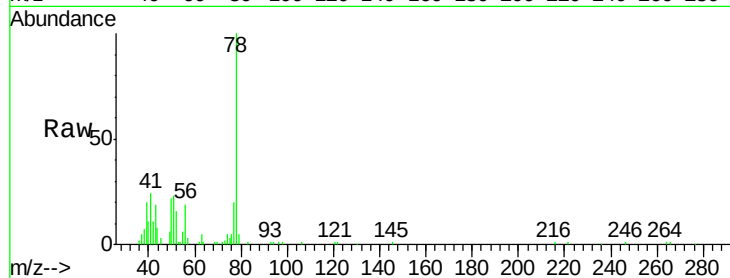
Tot Ion: 78 Resp: 30734

Ion Ratio Lower Upper

78 100

77 19.7 18.6 27.8

50 21.6 15.0 22.6



#39

1,2-Dichloropropane

Concen: 7.192 ppbv

RT: 7.37 min Scan# 1955

Delta R.T. -0.45 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

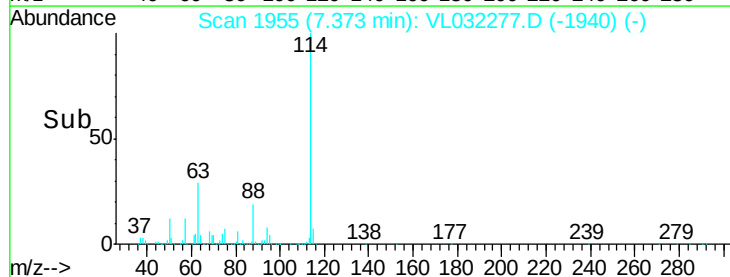
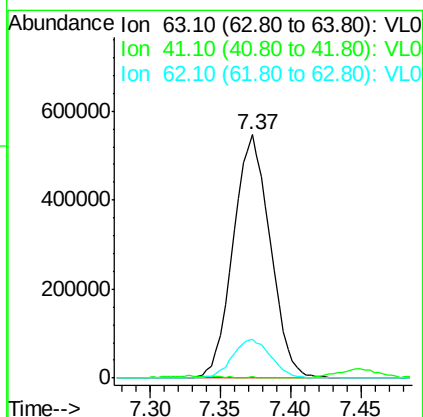
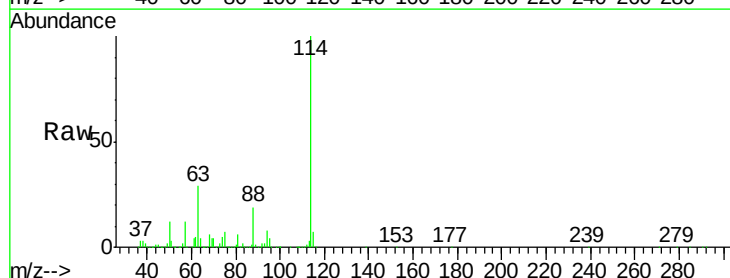
Tgt Ion: 63 Resp: 1001185

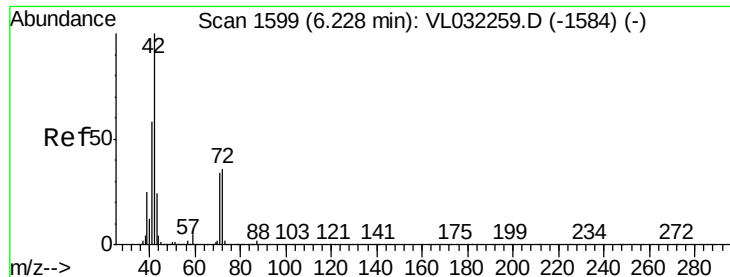
Ion Ratio Lower Upper

63 100

41 0.0 55.8 83.6#

62 16.0 53.8 80.8#





#41

Tetrahydrofuran

Concen: 0.310 ppbv

RT: 6.20 min Scan# 1591

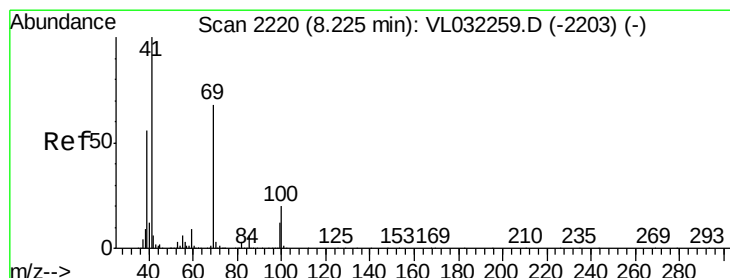
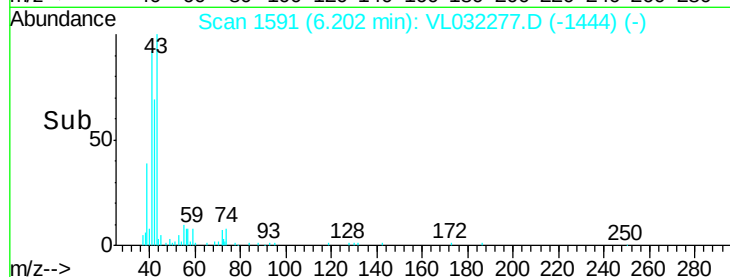
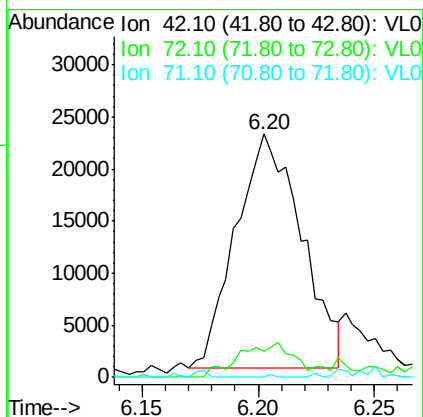
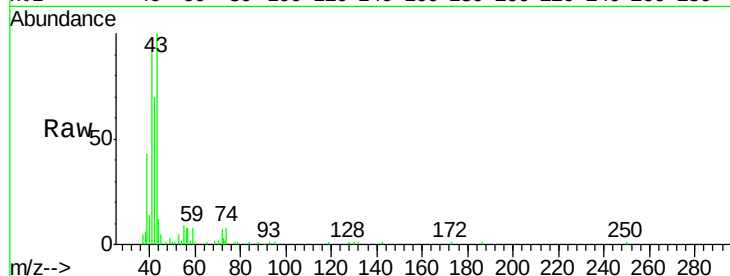
Delta R.T. -0.03 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:	42	Resp:	44370
Ion	Ratio	Lower	Upper
42	100		
72	19.4	29.4	44.0#
71	0.0	28.2	42.4#



#43

Methyl Methacrylate

Concen: 0.045 ppbv

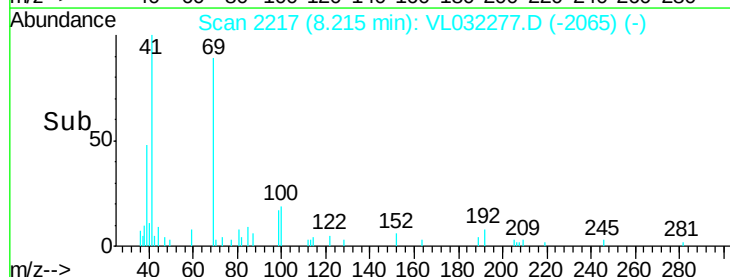
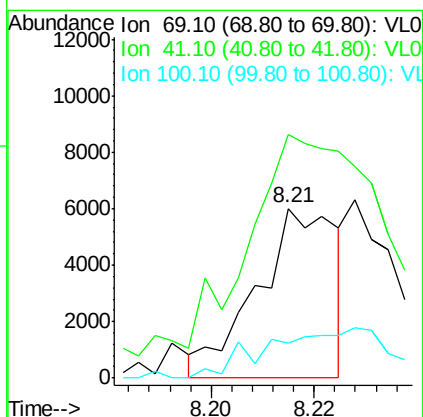
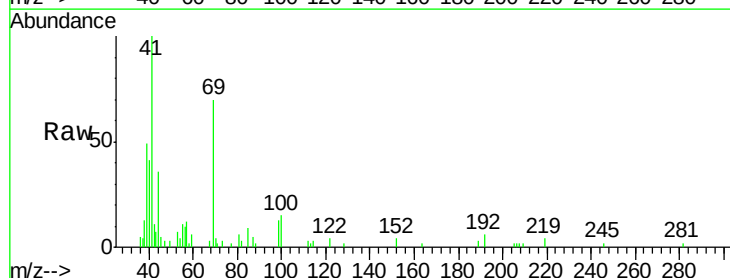
RT: 8.21 min Scan# 2217

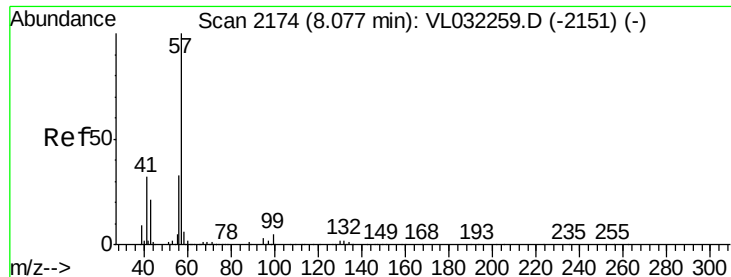
Delta R.T. -0.01 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Tgt Ion:	69	Resp:	6424
Ion	Ratio	Lower	Upper
69	100		
41	297.6	118.6	177.8#
100	0.0	23.3	34.9#

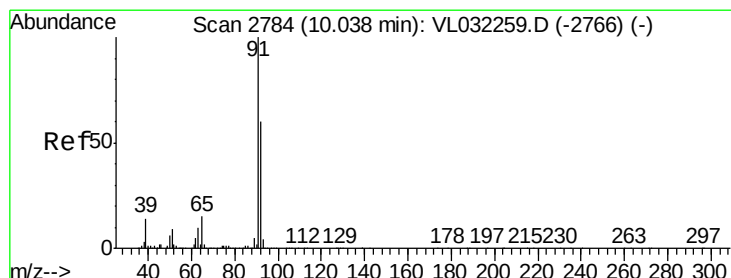
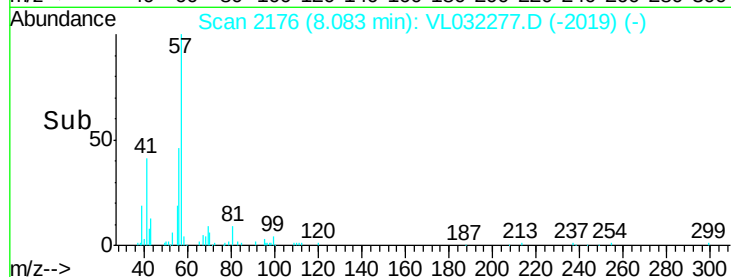
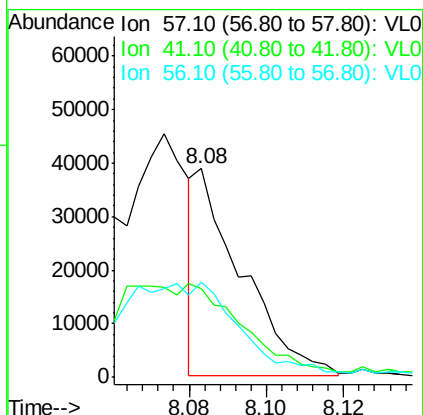
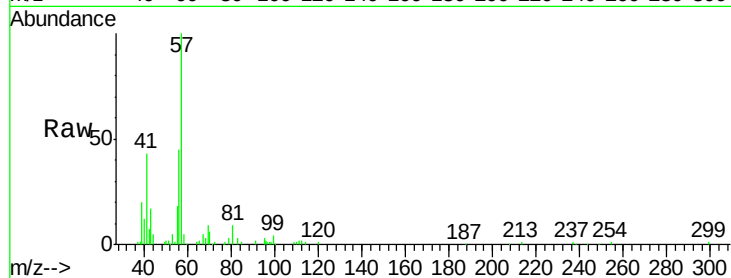




#44
 2,2,4-Trimethylpentane
 Concen: 0.052 ppbv
 RT: 8.08 min Scan# 2176
 Delta R.T. 0.01 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

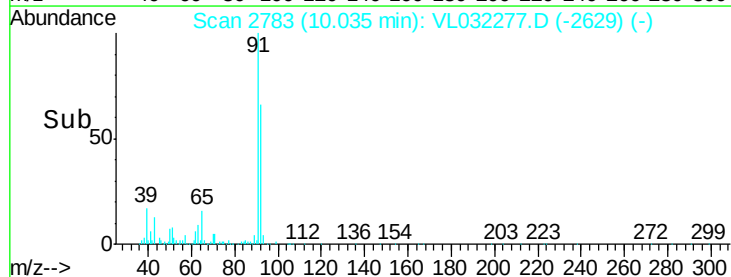
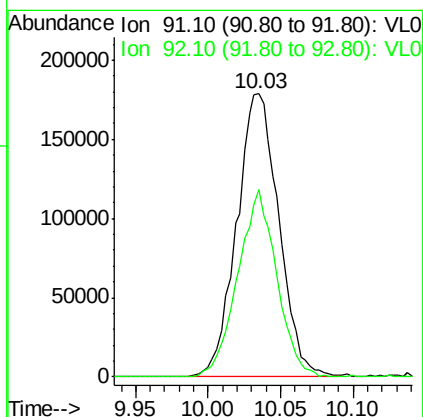
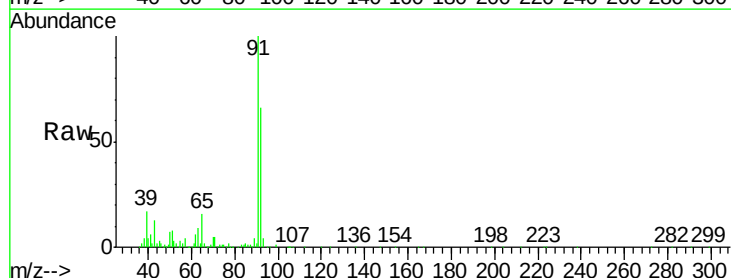
Instrument :
 MSVOA_L
 ClientSampleId :

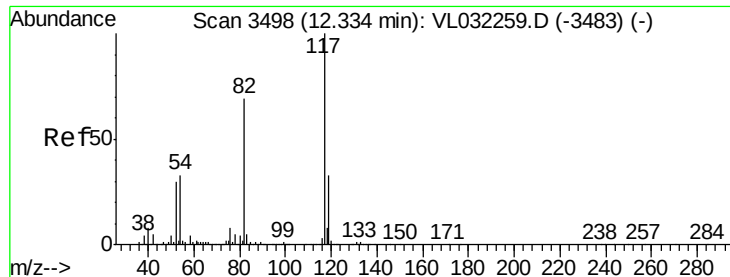
Tot Ion: 57 Resp: 31993
 Ion Ratio Lower Upper
 57 100
 41 134.1 24.4 36.6#
 56 135.2 25.7 38.5#



#53
 Toluene
 Concen: 0.847 ppbv
 RT: 10.03 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: VL032277.D
 Acq: 19 Jul 2018 1:49

Tgt Ion: 91 Resp: 361269
 Ion Ratio Lower Upper
 91 100
 92 61.3 48.6 72.8

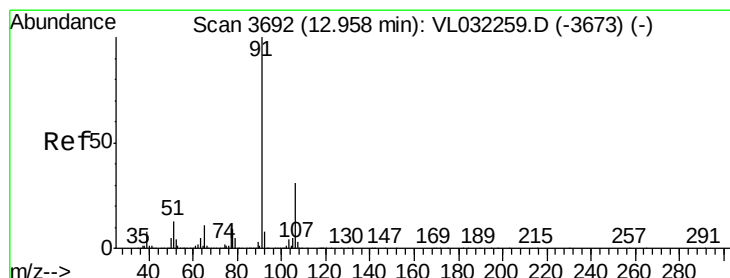
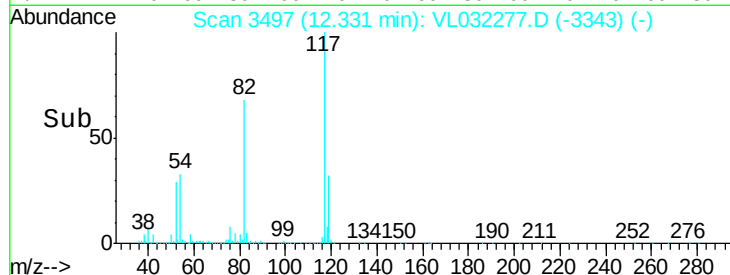
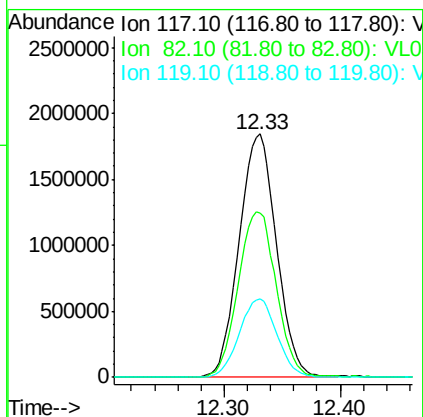
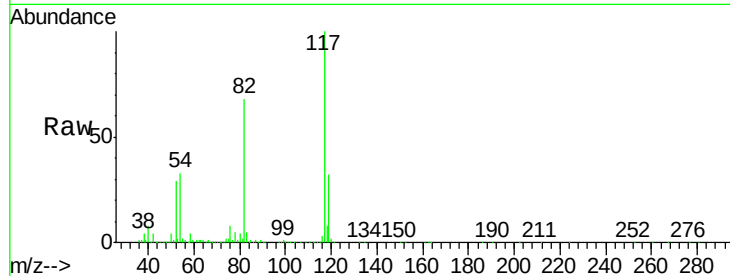




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.33 min Scan# 3497
Delta R.T. -0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

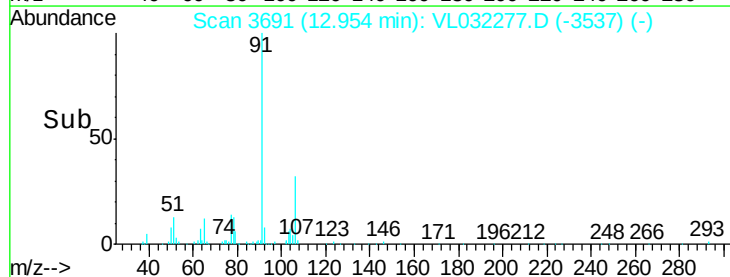
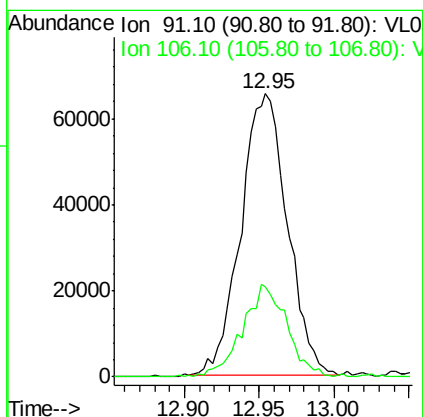
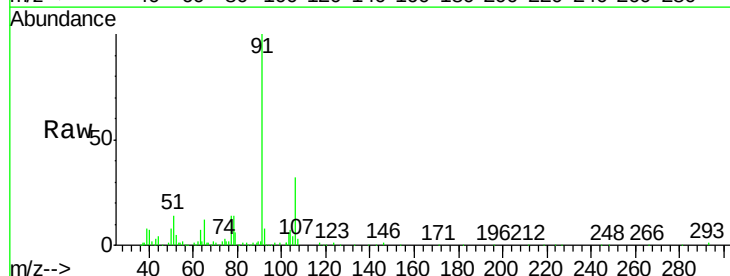
Instrument :
MSVOA_L
ClientSampleId :

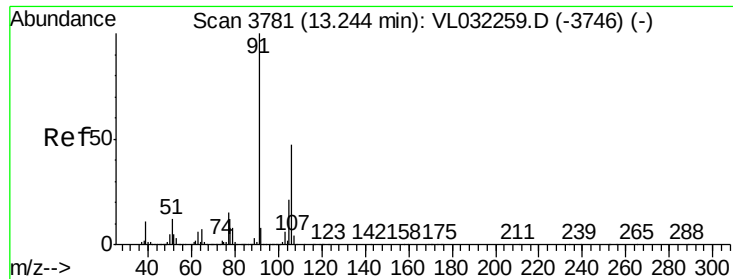
Tot Ion:117 Resp: 4134095
Ion Ratio Lower Upper
117 100
82 70.1 53.9 80.9
119 32.7 25.5 38.3



#58
Ethyl Benzene
Concen: 0.244 ppbv
RT: 12.95 min Scan# 3691
Delta R.T. -0.00 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

Tgt Ion: 91 Resp: 141937
Ion Ratio Lower Upper
91 100
106 31.6 24.5 36.7

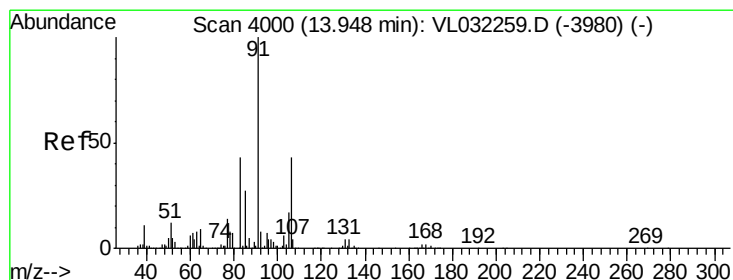
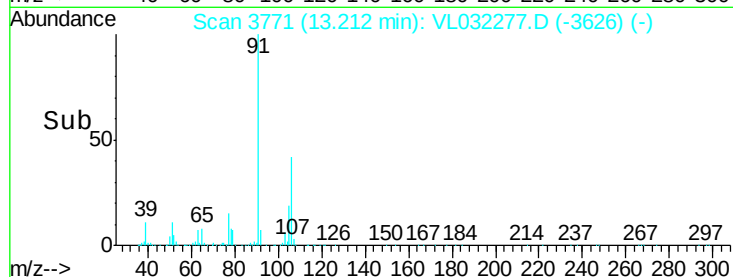
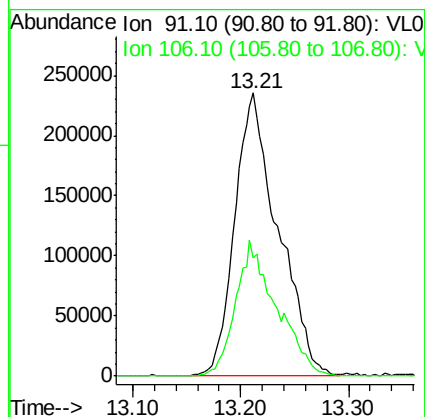
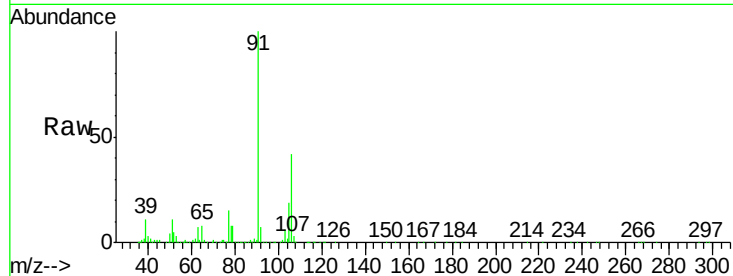




#59
m/p-Xylene
Concen: 1.312 ppbv
RT: 13.21 min Scan# 3771
Delta R.T. -0.03 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

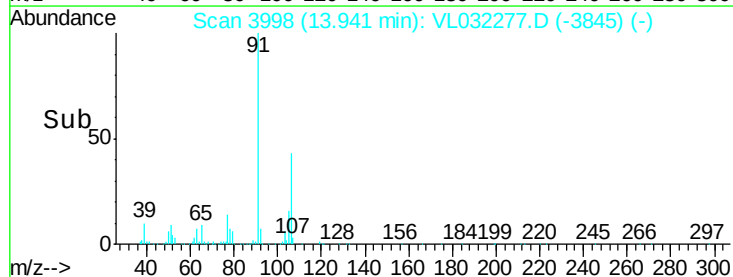
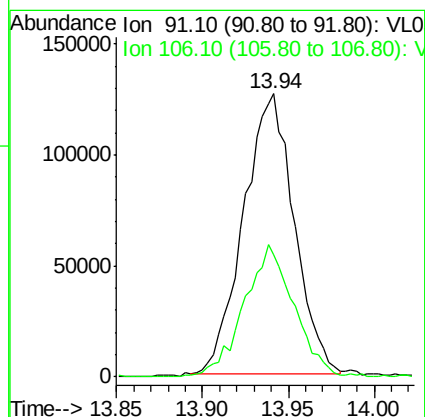
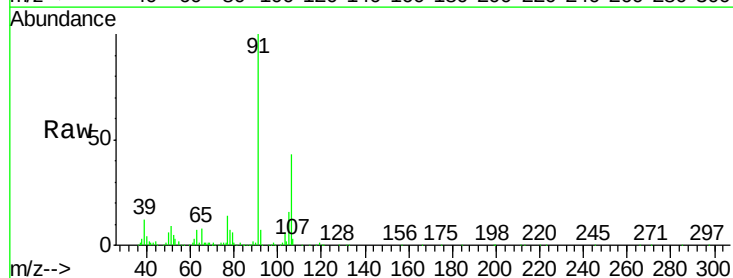
Instrument :
MSVOA_L
ClientSampleId :

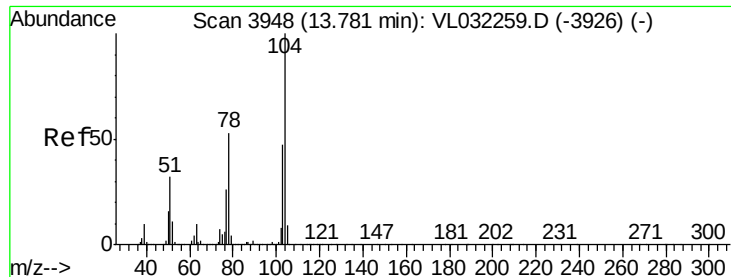
Tot Ion: 91 Resp: 652098
Ion Ratio Lower Upper
91 100
106 45.8 36.2 54.2



#60
o-Xylene
Concen: 0.522 ppbv
RT: 13.94 min Scan# 3998
Delta R.T. -0.01 min
Lab File: VL032277.D
Acq: 19 Jul 2018 1:49

Tgt Ion: 91 Resp: 258394
Ion Ratio Lower Upper
91 100
106 46.8 21.7 65.1





#61

Stvrene

Concen: 0.155 ppbv

RT: 13.78 min Scan# 3947

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

ClientSampleId :

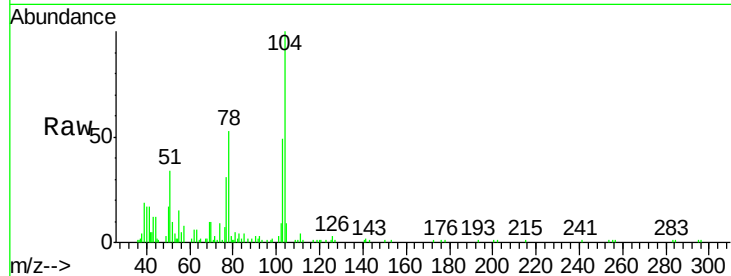
Tot Ion:104 Resp: 57099

Ion Ratio Lower Upper

104 100

78 68.6 43.2 64.8#

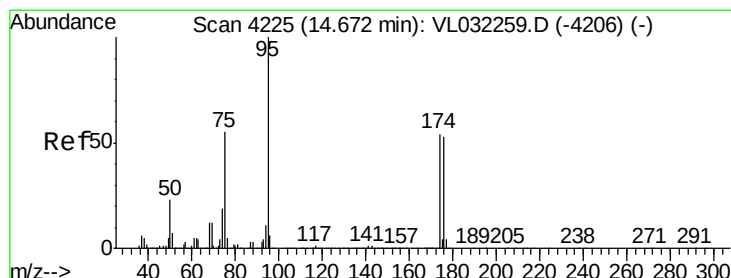
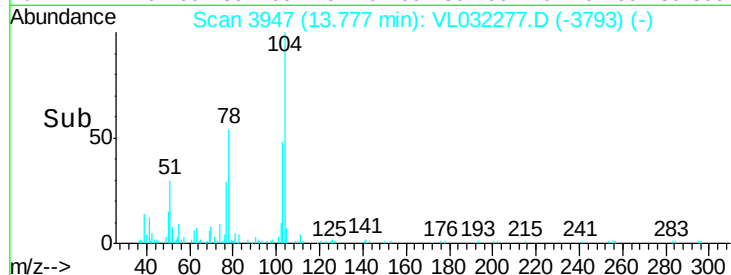
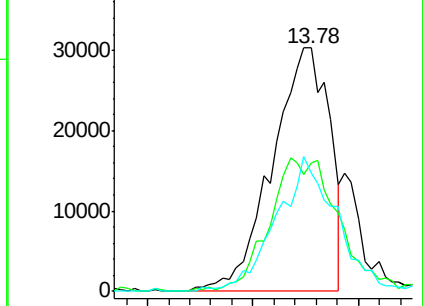
103 59.2 37.8 56.6#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.807 ppbv

RT: 14.67 min Scan# 4224

Delta R.T. -0.00 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

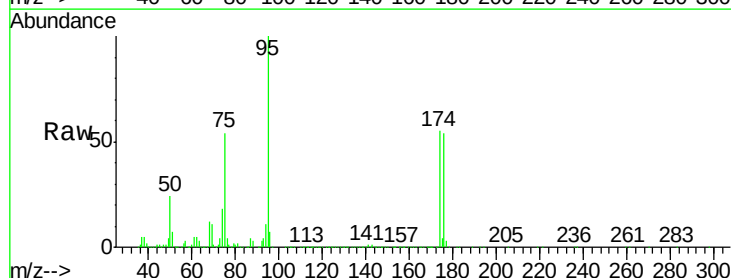
Tgt Ion: 95 Resp: 3287190

Ion Ratio Lower Upper

95 100

174 55.9 44.3 66.5

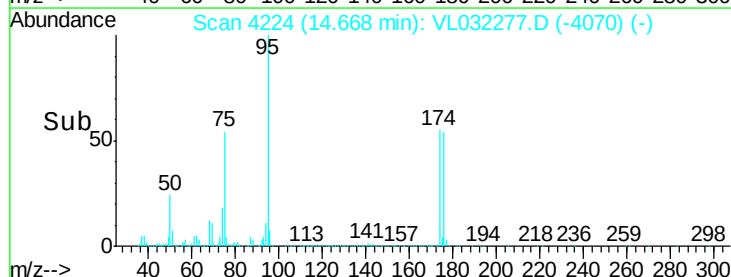
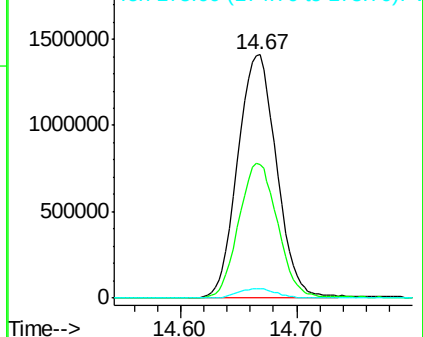
175 4.1 3.3 4.9

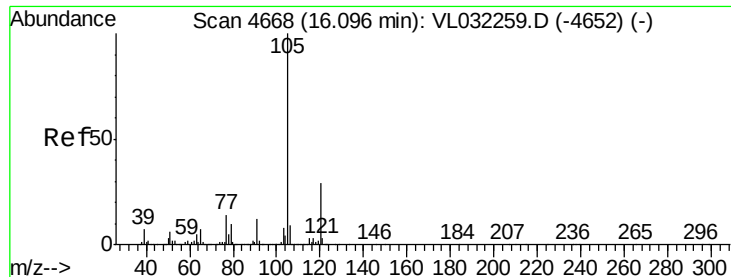


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





#72

4-Ethyltoluene

Concen: 0.028 ppbv

RT: 16.09 min Scan# 4667

Delta R.T. -0.00 min

Lab File: VL032277.D

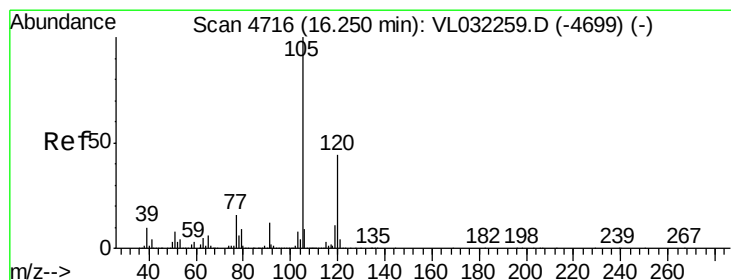
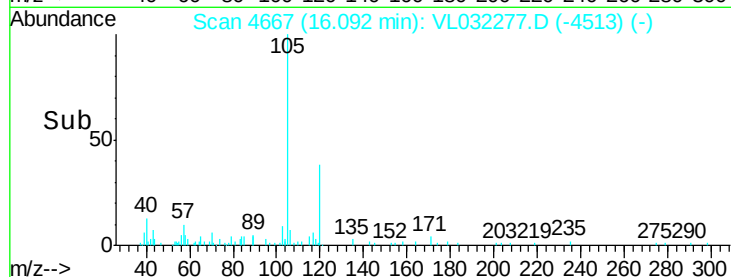
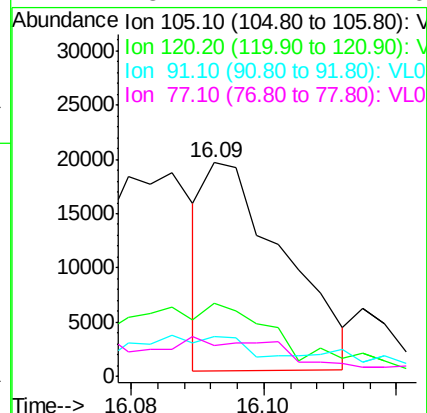
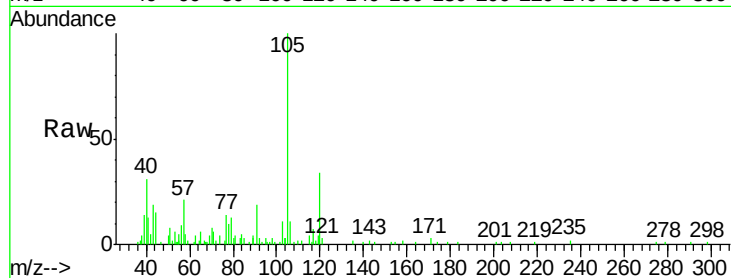
Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	15932
Ion	Ratio	Lower	Upper
105	100		
120	86.2	23.0	34.6#
91	0.0	10.1	15.1#
77	45.4	11.4	17.0#



#73

1,3,5-Trimethylbenzene

Concen: 0.063 ppbv

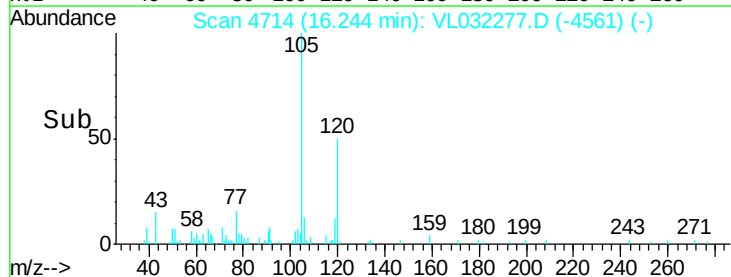
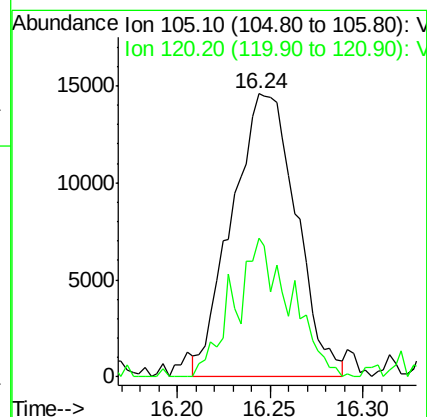
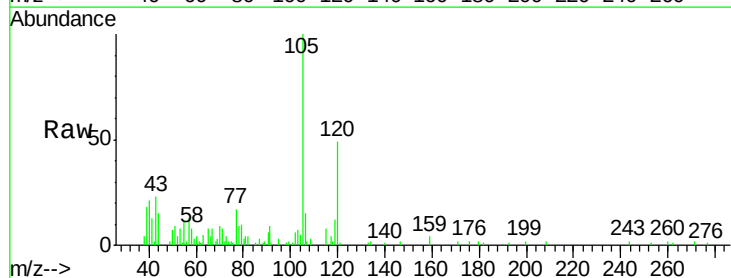
RT: 16.24 min Scan# 4714

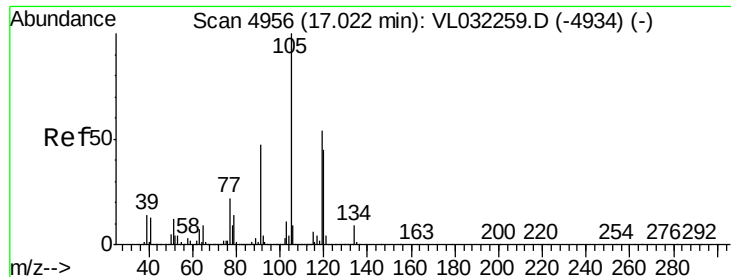
Delta R.T. -0.01 min

Lab File: VL032277.D

Acq: 19 Jul 2018 1:49

Tgt Ion:	105	Resp:	35079
Ion	Ratio	Lower	Upper
105	100		
120	51.7	35.5	53.3





#74

1,2,4-Trimethylbenzene

Concen: 0.174 ppbv

RT: 17.01 min Scan# 4953

Delta R.T. -0.01 min

Lab File: VL032277.D

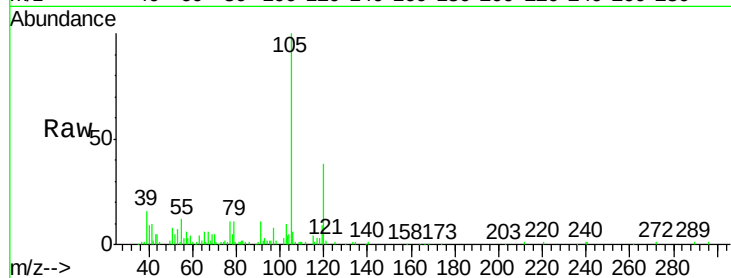
Acq: 19 Jul 2018 1:49

Instrument :

MSVOA_L

ClientSampleId :

Tot Ion:	105	Resp:	101839
Ion Ratio		Lower	Upper
105	100		
120	38.2	35.8	53.6
91	9.7	38.2	57.4#
77	10.7	17.5	26.3#



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

