

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012819\
 Data File : VL033126.D
 Acq On : 29 Jan 2019 3:47
 Operator : SY/AP
 Sample : K1245-01
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 S-01

Quant Time: Jan 29 06:42:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012819AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jan 29 06:21:00 2019
 QLast Update : Tue Jan 29 06:21:00 2019
 Response via : Initial Calibration

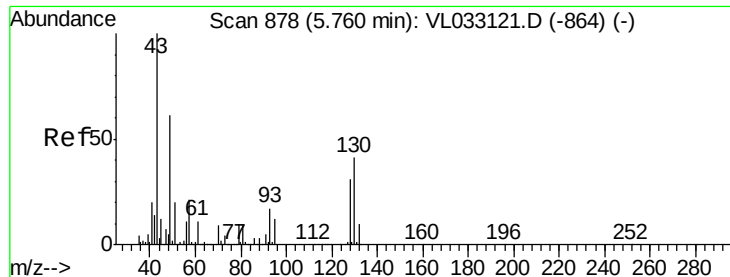
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1060514	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	3128688	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2178935	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1666526	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.08	85	126978	0.506	ppbv	97
3) Chlorodifluoromethane	2.99	51	128957	0.917	ppbv #	72
4) Chloromethane	3.17	50	46198	0.604	ppbv	89
9) Propene	3.24	41	162370	2.963	ppbv	84
10) Heptane	8.25	43	6479	0.049	ppbv #	26
11) Trichlorofluoromethane	4.01	101	49901	0.233	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.55	101	5265	0.035	ppbv #	1
13) Ethanol	3.65	45	2599412	132.204	ppbv	98
15) Acetone	3.91	43	645933	4.511	ppbv	92
16) 1,3-Butadiene	3.34	39	10555	0.176	ppbv #	1
17) tert-Butyl alcohol	4.37	59	3104	0.098	ppbv #	74
19) Isopropyl Alcohol	4.04	45	211922	2.173	ppbv #	98
20) Methylene Chloride	4.41	84	52993	0.815	ppbv #	90
23) Vinyl Acetate	5.15	43	10897	0.054	ppbv #	13
25) Ethyl Acetate	5.77	43	151357	0.594	ppbv	99
26) Hexane	5.78	57	85481	0.700	ppbv	84
29) Chloroform	5.85	83	420042	2.086	ppbv	97
30) Cyclohexane	7.24	84	3830	0.042	ppbv #	1
34) 2-Butanone	5.33	43	62546	0.352	ppbv	97
35) Carbon Tetrachloride	7.14	117	9580	0.033	ppbv	85
36) Benzene	7.00	78	87161	0.316	ppbv	95
38) Trichloroethene	7.95	130	59257	0.528	ppbv	89
39) 1,2-Dichloropropane	7.29	63	763352	7.851	ppbv #	25
42) Bromodichloromethane	7.91	83	12969	0.054	ppbv #	95
44) 2,2,4-Trimethylpentane	7.99	57	25453	0.058	ppbv #	1
52) Tetrachloroethene	11.37	164	229939	2.504	ppbv	94
53) Toluene	9.95	91	233698	0.847	ppbv	100
59) m/p-Xylene	13.12	91	52711	0.221	ppbv #	100
60) o-Xylene	13.84	91	10231	0.041	ppbv #	31
74) 1,2,4-Trimethylbenzene	16.93	105	46483	0.173	ppbv #	65
76) 1,4-Dichlorobenzene	17.31	146	5582	0.037	ppbv #	1
79) Naphthalene	22.41	128	6886	0.042	ppbv #	92
80) Naphthalene,2-methyl-	25.12	142	1572	0.038	ppbv #	72

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 878

Delta R.T. -0.00 min

Lab File: VL033126.D

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S-01

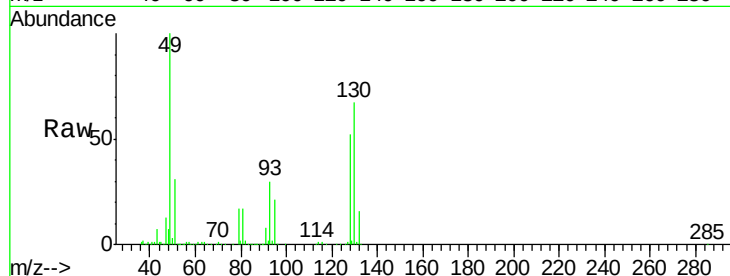
Tgt Ion: 49 Resp: 1060514

Ion Ratio Lower Upper

49 100

128 53.7 25.9 77.7

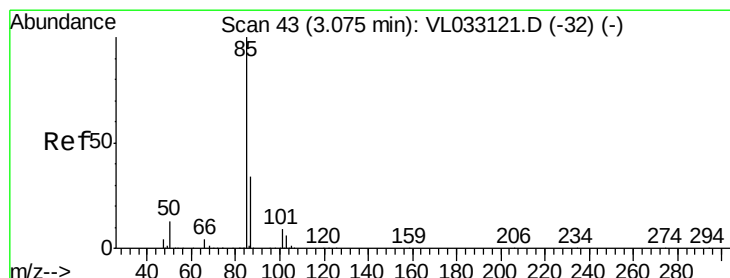
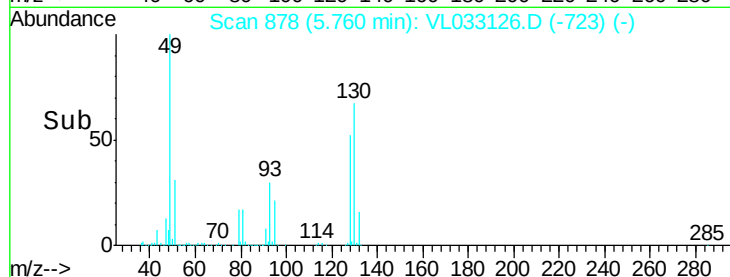
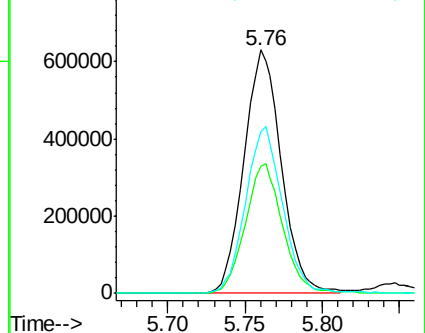
130 68.6 32.9 98.7



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: 0.506 ppbv

RT: 3.08 min Scan# 43

Delta R.T. -0.00 min

Lab File: VL033126.D

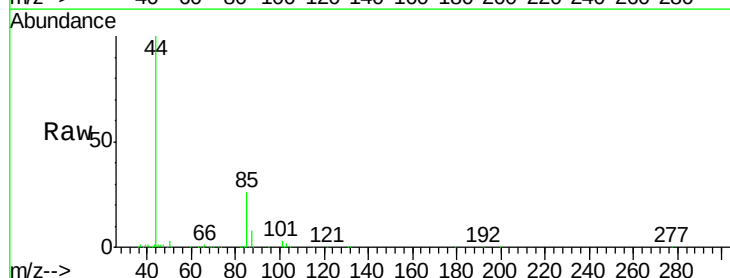
Acq: 29 Jan 2019 3:47

Tgt Ion: 85 Resp: 126978

Ion Ratio Lower Upper

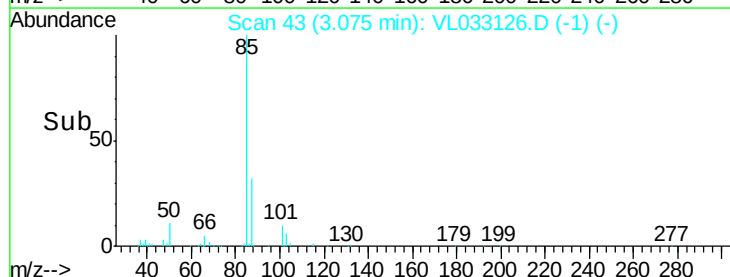
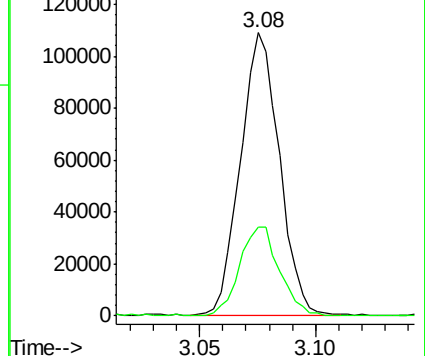
85 100

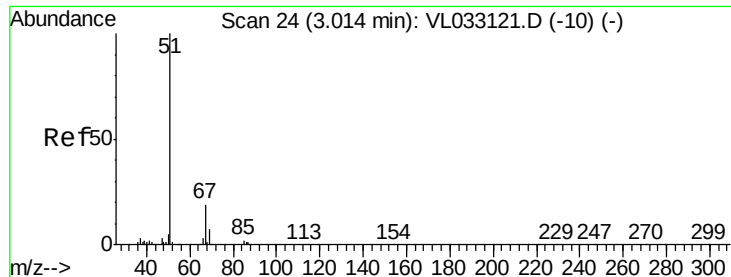
87 31.6 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

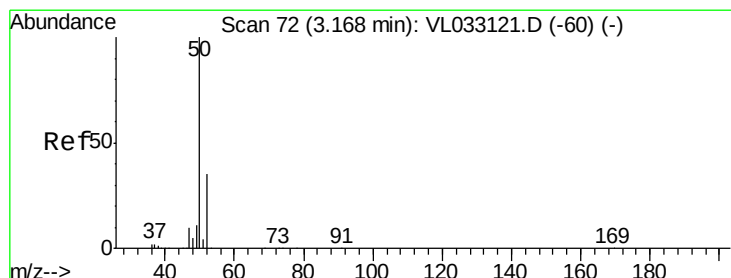
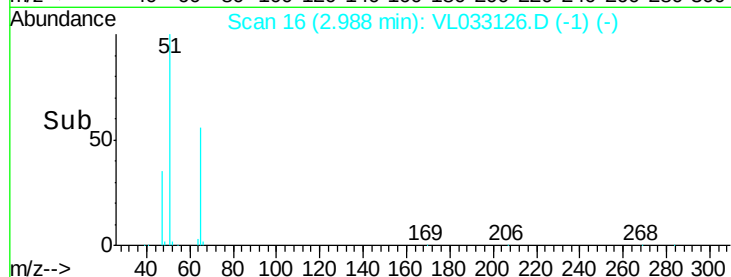
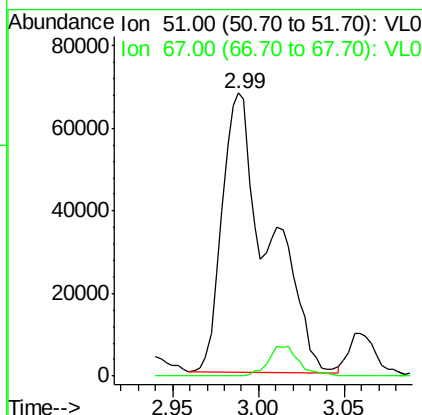
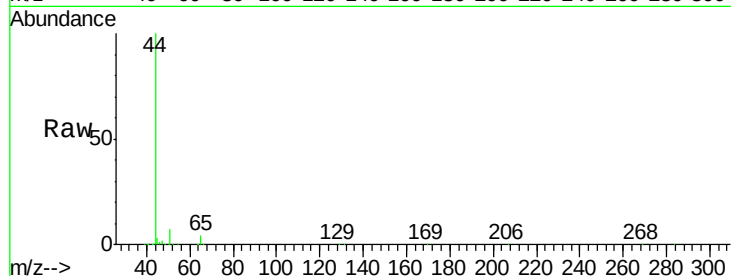




#3
Chlorodifluoromethane
Concen: 0.917 ppbv
RT: 2.99 min Scan# 16
Delta R.T. -0.03 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

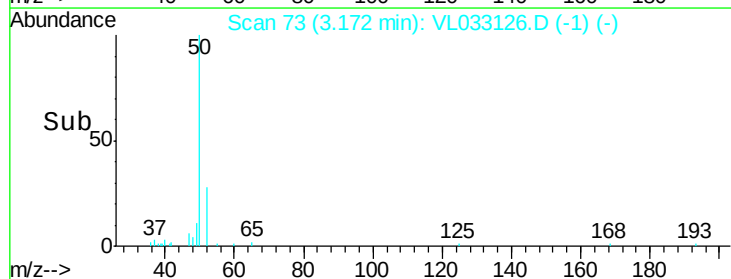
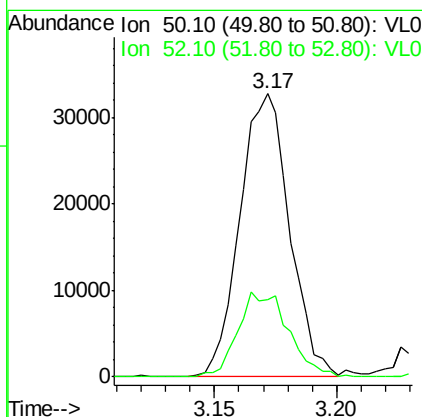
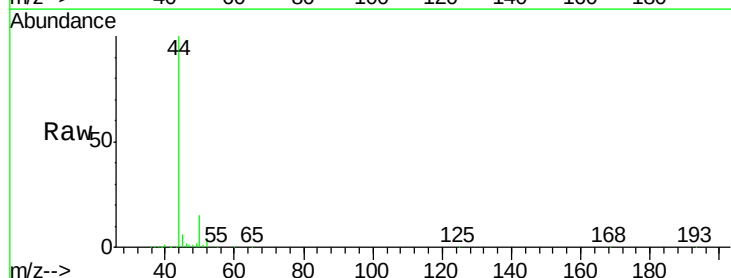
Instrument :
MSVOA_L
ClientSampleId :
S-01

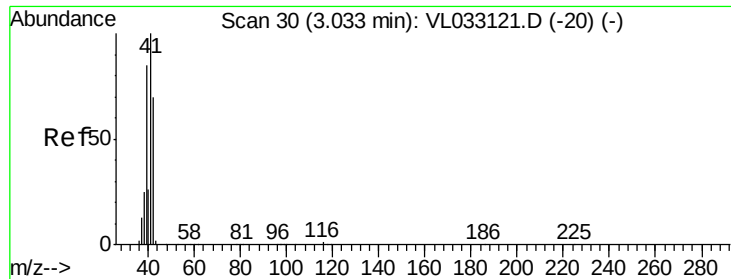
Tgt Ion: 51 Resp: 128957
Ion Ratio Lower Upper
51 100
67 7.2 16.2 24.2#



#4
Chloromethane
Concen: 0.604 ppbv
RT: 3.17 min Scan# 73
Delta R.T. -0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 50 Resp: 46198
Ion Ratio Lower Upper
50 100
52 27.2 27.0 40.4





#9

Propene

Concen: 2.963 ppbv

RT: 3.24 min Scan# 94

Delta R.T. 0.20 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

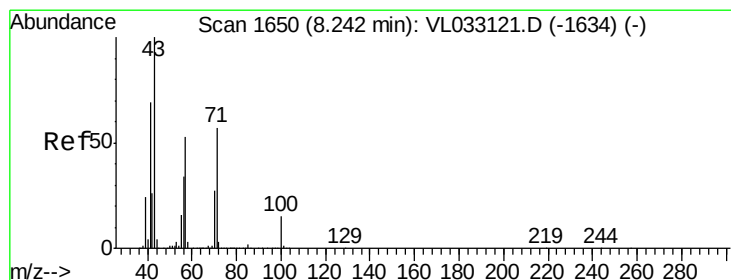
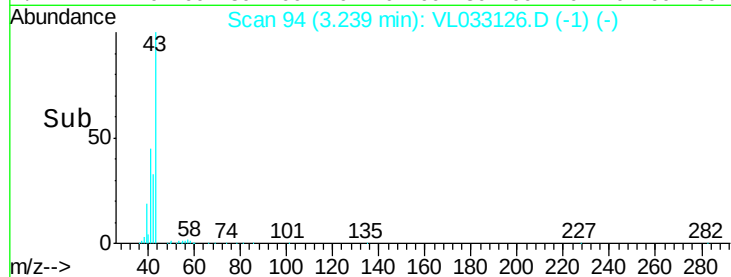
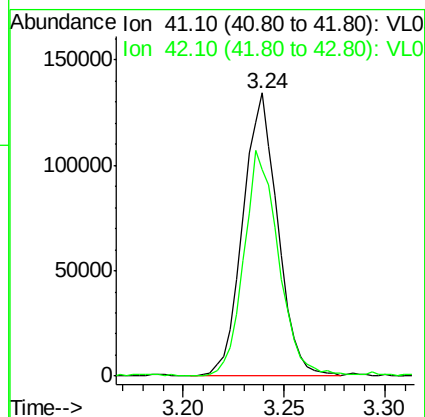
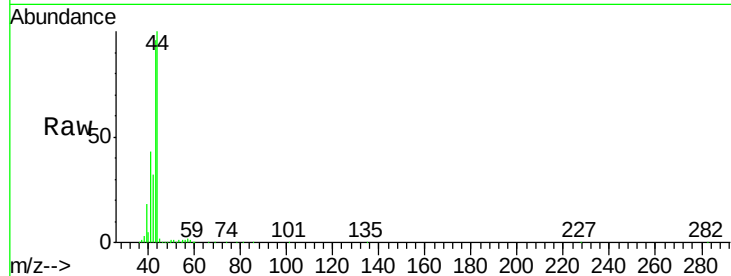
S-01

Tgt Ion: 41 Resp: 162370

Ion Ratio Lower Upper

41 100

42 81.2 54.6 82.0



#10

Heptane

Concen: 0.049 ppbv

RT: 8.25 min Scan# 1651

Delta R.T. -0.00 min

Lab File: VL033126.D

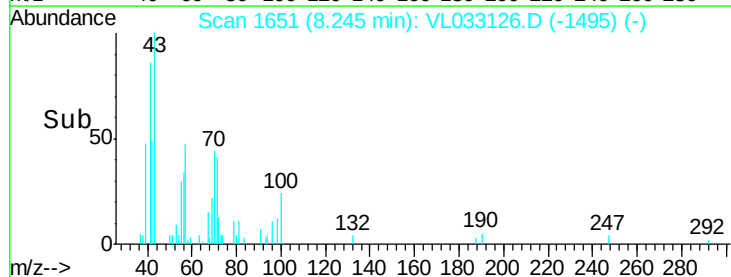
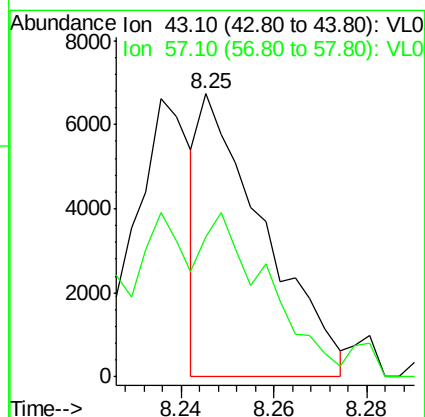
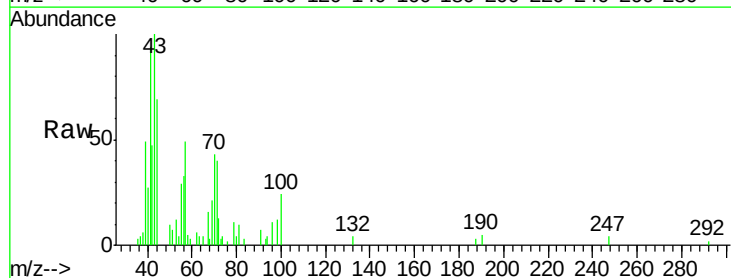
Acq: 29 Jan 2019 3:47

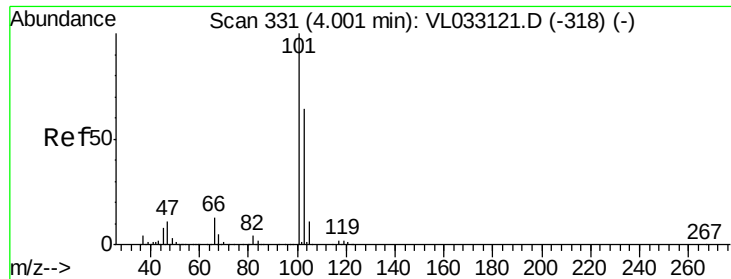
Tgt Ion: 43 Resp: 6479

Ion Ratio Lower Upper

43 100

57 0.0 42.2 63.2#





#11

Trichlorofluoromethane

Concen: 0.233 ppbv

RT: 4.01 min Scan# 333

Delta R.T. 0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

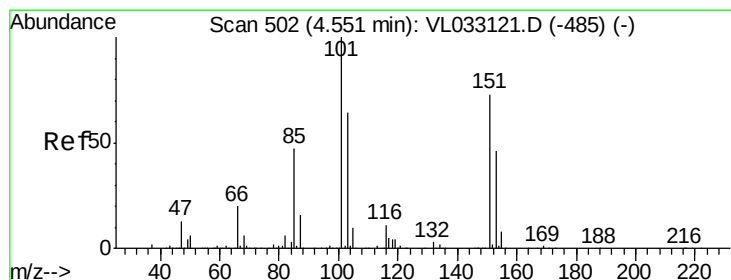
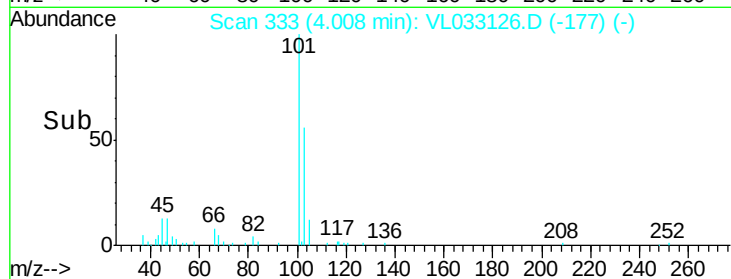
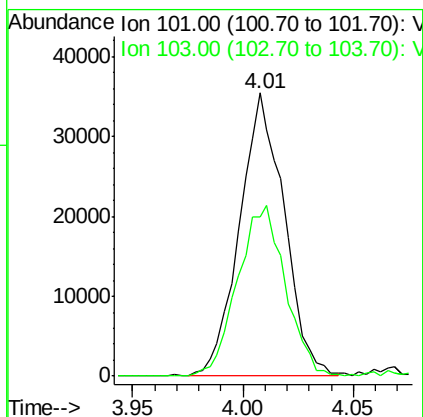
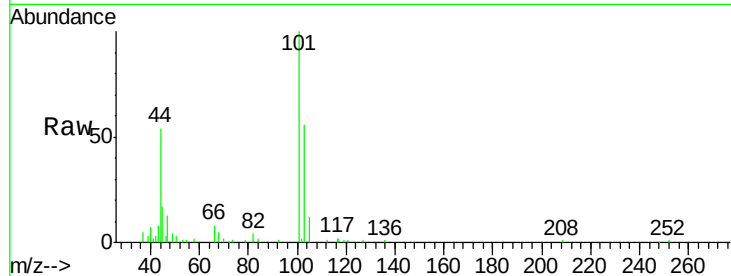
S-01

Tgt Ion:101 Resp: 49901

Ion Ratio Lower Upper

101 100

103 56.3 49.4 74.0



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.035 ppbv

RT: 4.55 min Scan# 502

Delta R.T. -0.00 min

Lab File: VL033126.D

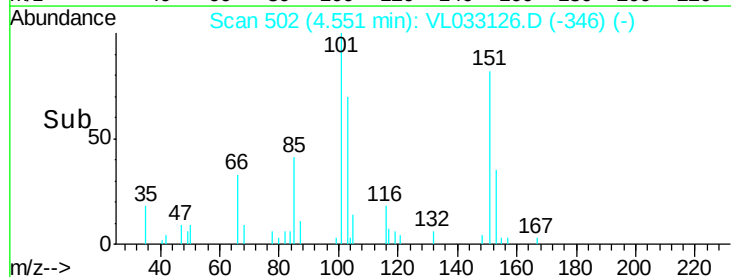
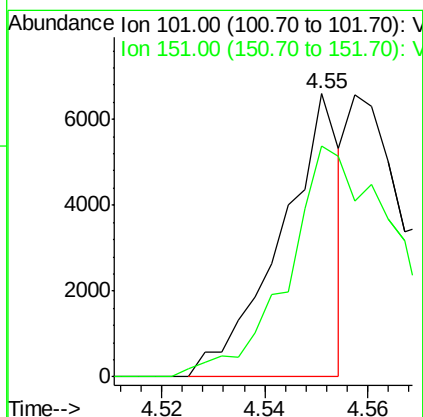
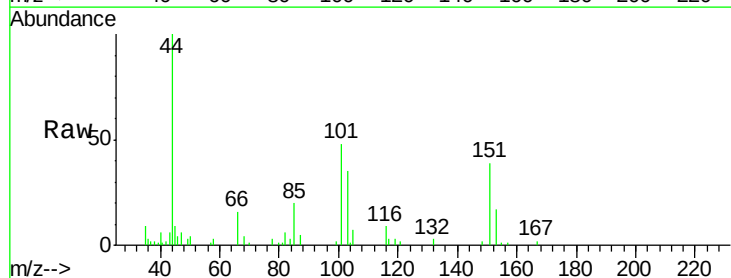
Acq: 29 Jan 2019 3:47

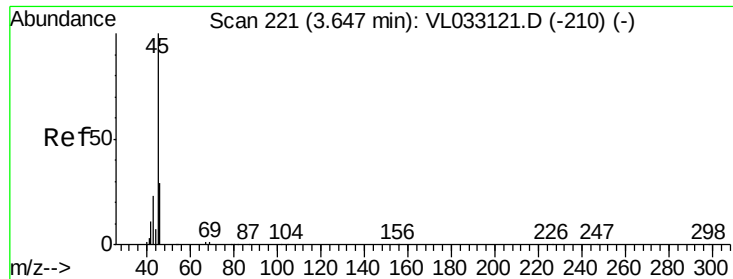
Tgt Ion:101 Resp: 5265

Ion Ratio Lower Upper

101 100

151 157.6 57.9 86.9#





#13

Ethanol

Concen: 132.204 ppbv

RT: 3.65 min Scan# 223

Delta R.T. 0.01 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

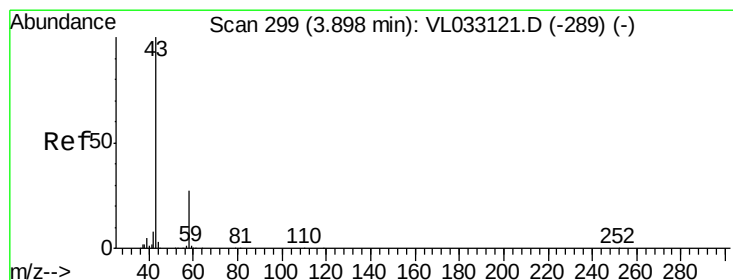
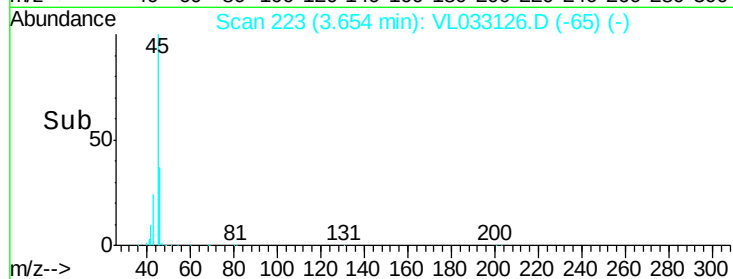
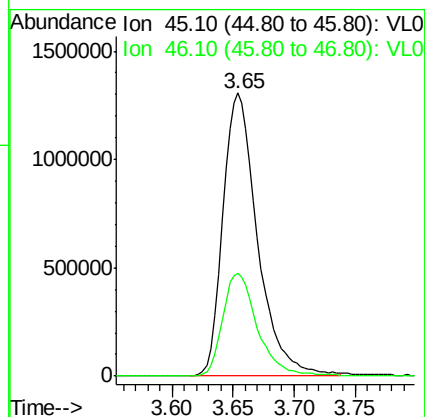
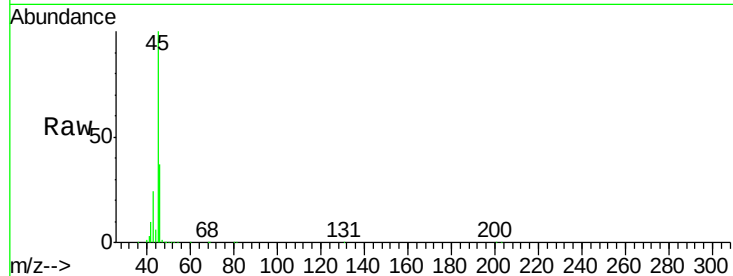
S-01

Tgt Ion: 45 Resp: 2599412

Ion Ratio Lower Upper

45 100

46 36.6 15.0 60.2



#15

Acetone

Concen: 4.511 ppbv

RT: 3.91 min Scan# 302

Delta R.T. 0.01 min

Lab File: VL033126.D

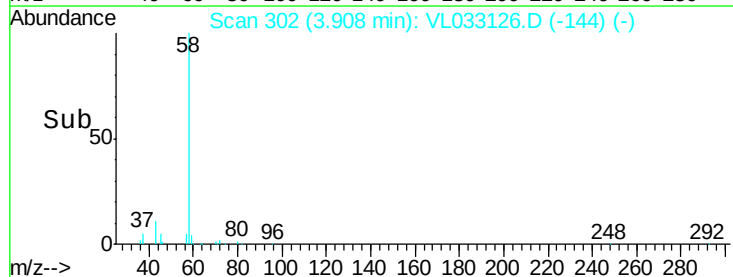
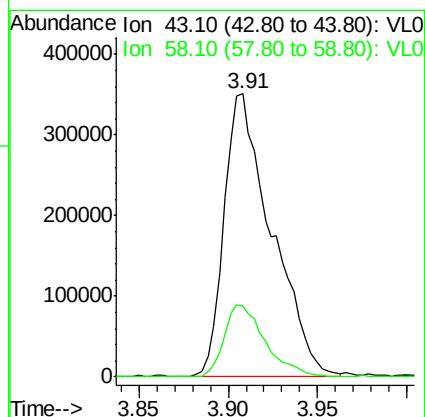
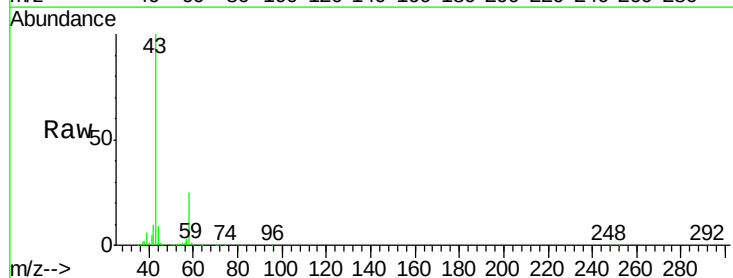
Acq: 29 Jan 2019 3:47

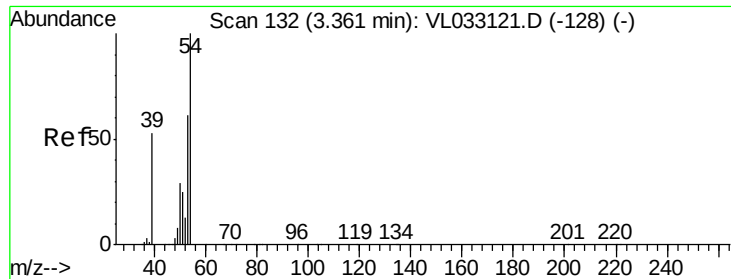
Tgt Ion: 43 Resp: 645933

Ion Ratio Lower Upper

43 100

58 22.4 21.1 31.7

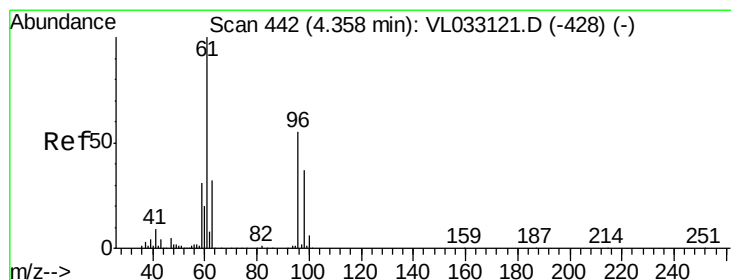
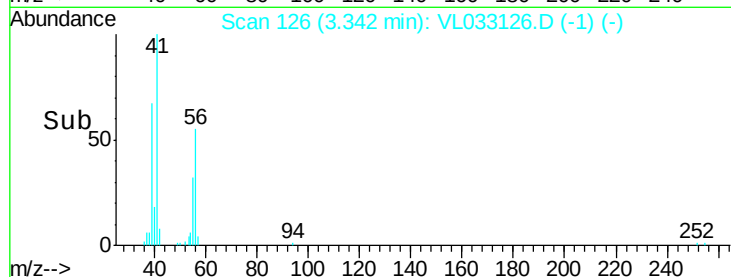
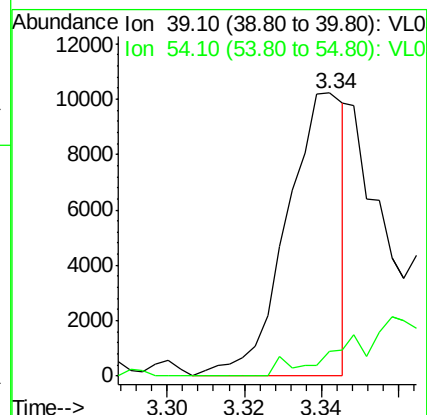
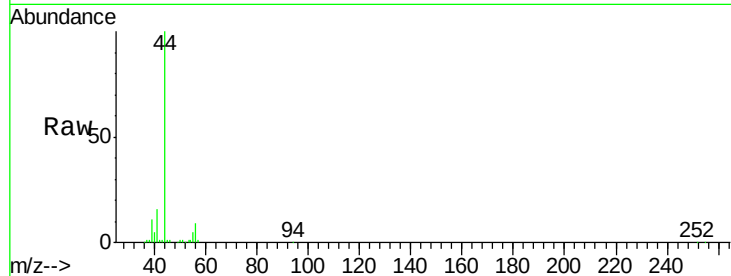




#16
 1,3-Butadiene
 Concen: 0.176 ppbv
 RT: 3.34 min Scan# 126
 Delta R.T. -0.02 min
 Lab File: VL033126.D
 Acq: 29 Jan 2019 3:47

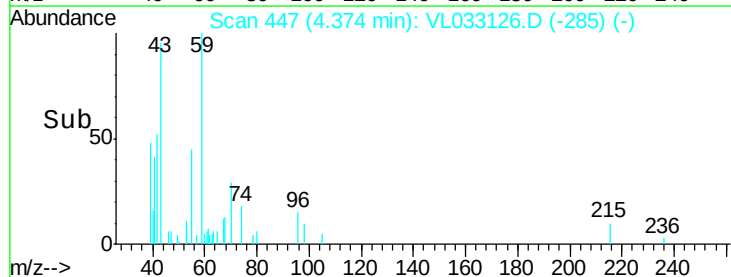
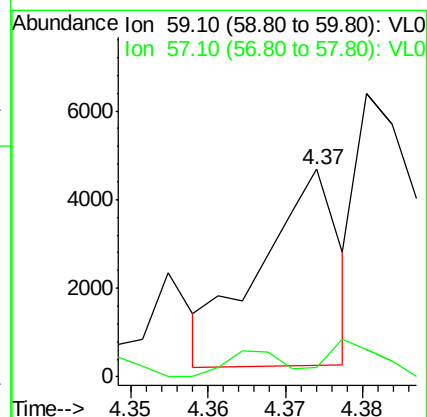
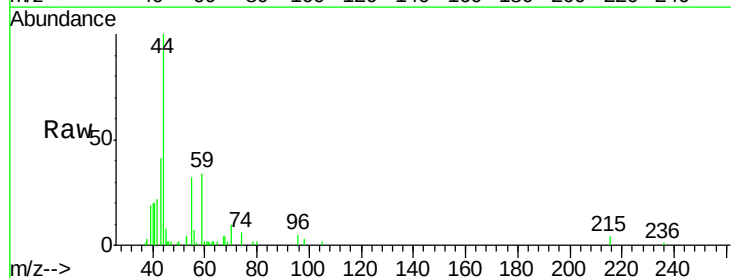
Instrument :
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 S-01

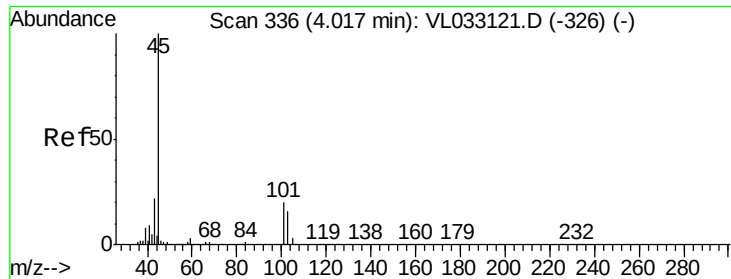
Tgt Ion: 39 Resp: 10555
 Ion Ratio Lower Upper
 39 100
 54 0.0 80.0 120.0#



#17
 tert-Butyl alcohol
 Concen: 0.098 ppbv
 RT: 4.37 min Scan# 447
 Delta R.T. 0.02 min
 Lab File: VL033126.D
 Acq: 29 Jan 2019 3:47

Tgt Ion: 59 Resp: 3104
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#





#19

Isopropyl Alcohol

Concen: 2.173 ppbv

RT: 4.04 min Scan# 342

Delta R.T. 0.02 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampled :

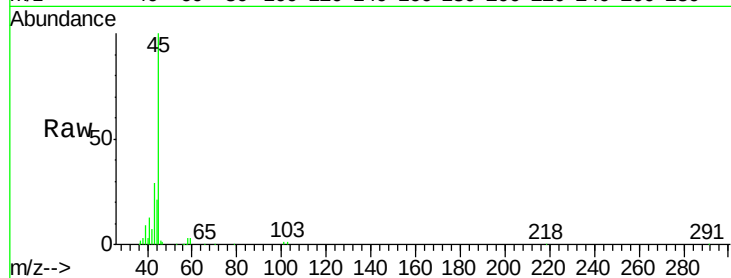
S-01

Tgt Ion: 45 Resp: 211922

Ion Ratio Lower Upper

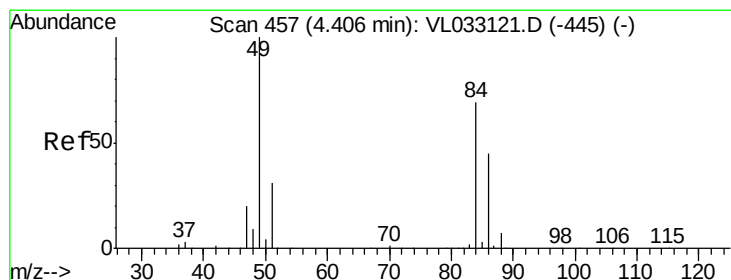
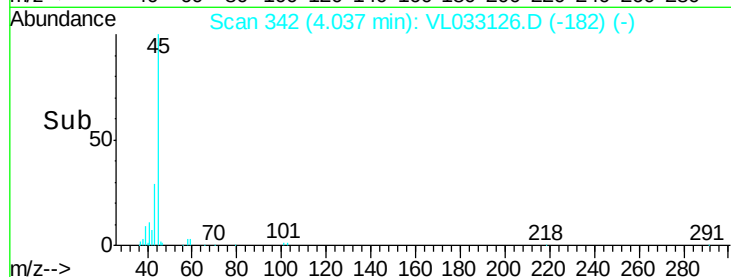
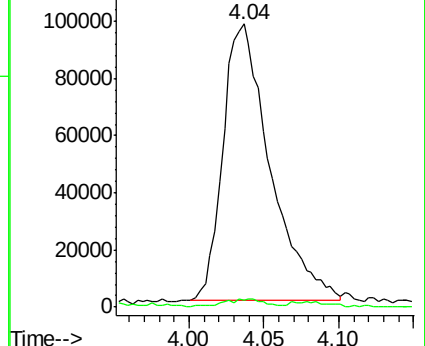
45 100

58 2.4 1.4 2.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 0.815 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Tgt Ion: 84 Resp: 52993

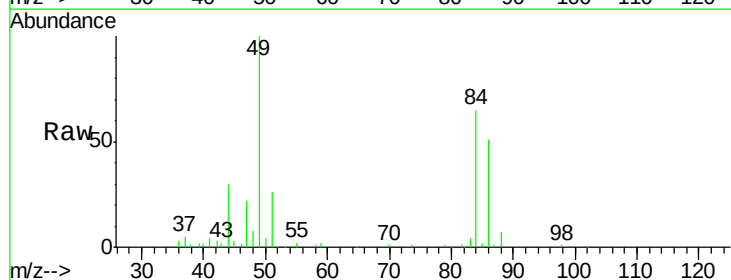
Ion Ratio Lower Upper

84 100

49 152.8 113.8 170.6

51 38.6 34.5 51.7

86 77.7 51.8 77.6#

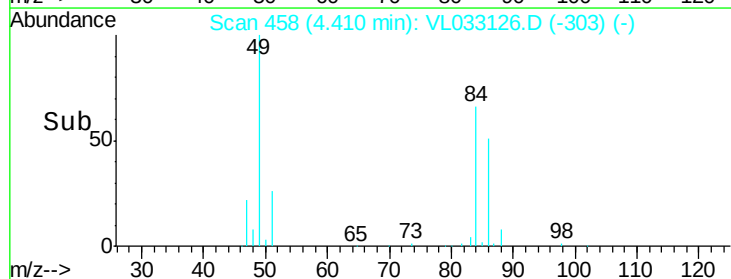
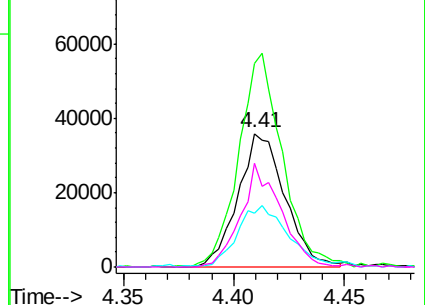


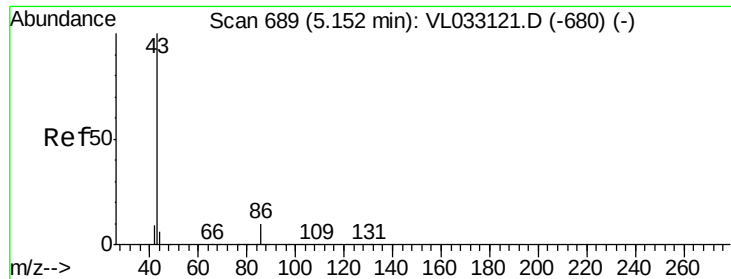
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0





#23

Vinyl Acetate

Concen: 0.054 ppbv

RT: 5.15 min Scan# 688

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

Tgt Ion: 43 Resp: 10897

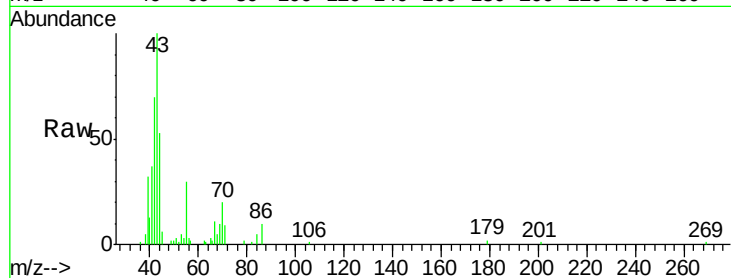
Ion Ratio Lower Upper

43 100

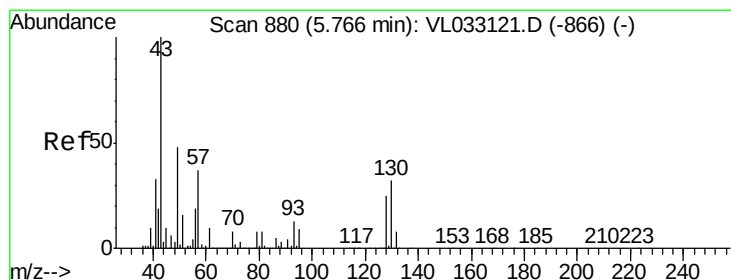
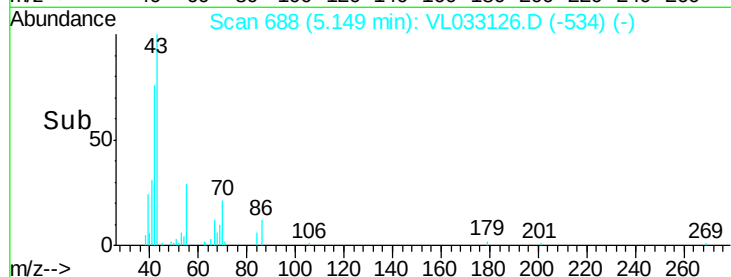
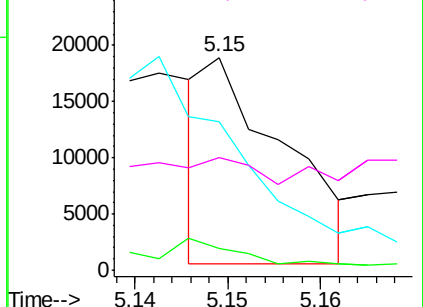
86 11.0 6.7 10.1#

42 77.9 8.1 12.1#

44 16.4 4.3 6.5#



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: 0.594 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Tgt Ion: 43 Resp: 151357

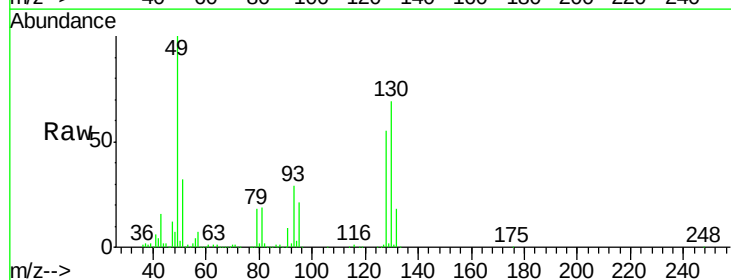
Ion Ratio Lower Upper

43 100

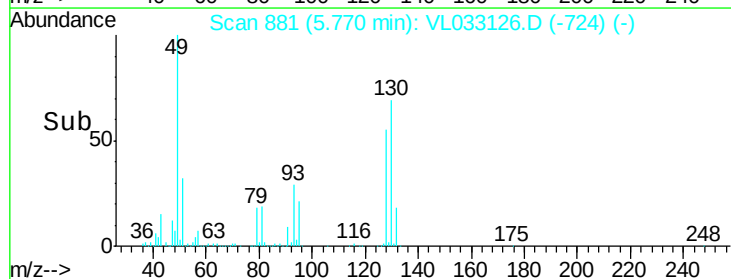
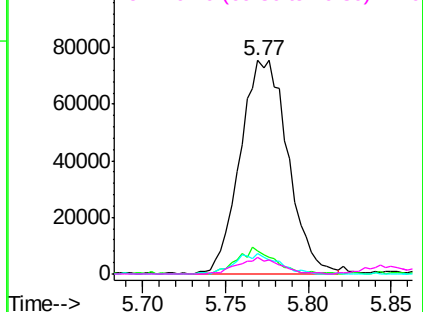
45 10.0 8.0 12.0

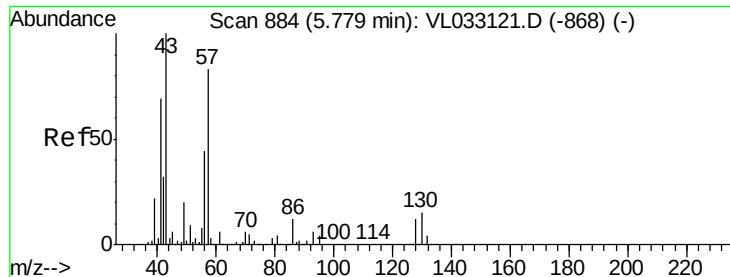
61 8.8 7.6 11.4

70 6.7 5.9 8.9



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

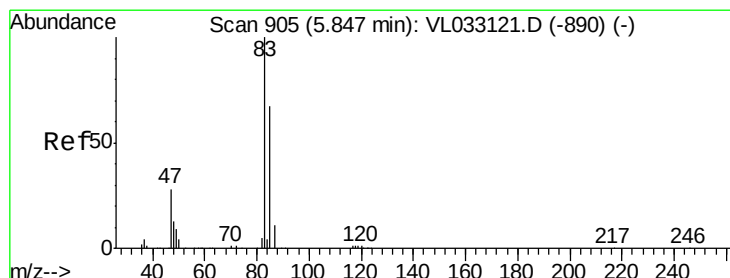
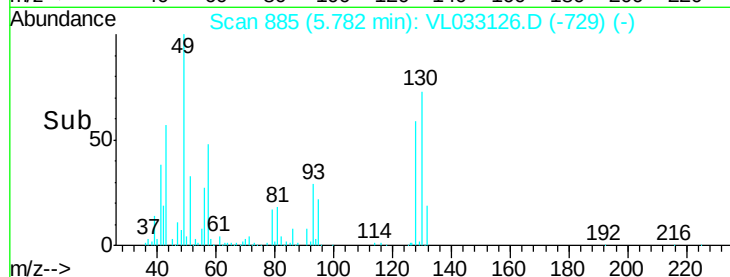
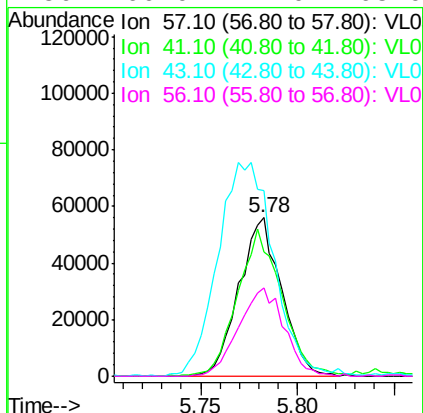
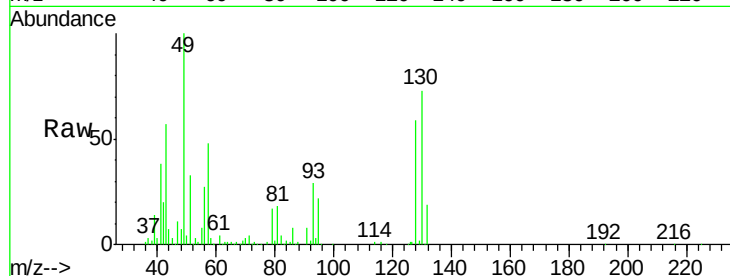




#26
Hexane
Concen: 0.700 ppbv
RT: 5.78 min Scan# 885
Delta R.T. 0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

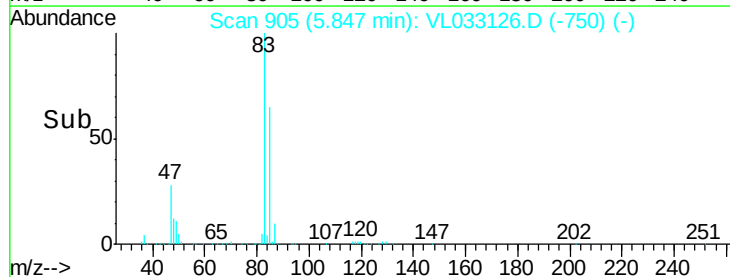
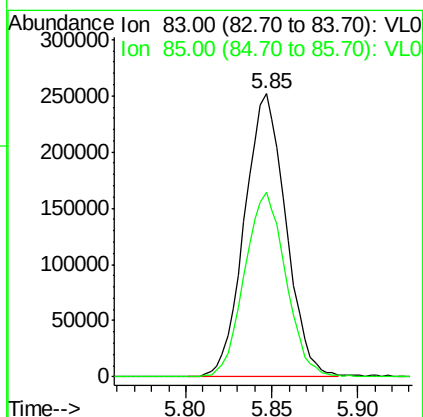
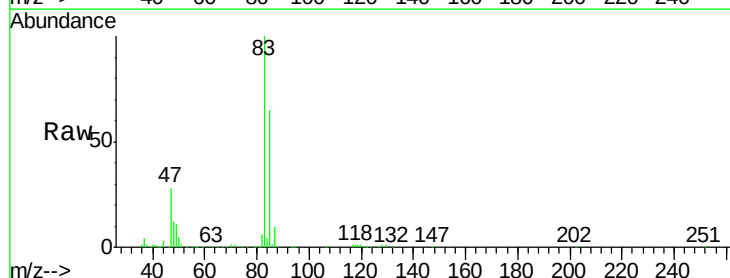
Instrument :
MSVOA_L
ClientSampleId :
S-01

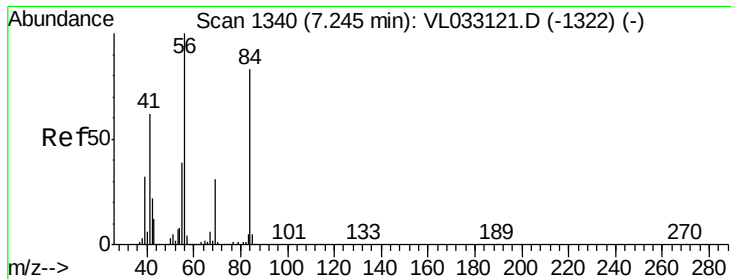
Tgt Ion: 57 Resp: 85481
Ion Ratio Lower Upper
57 100
41 97.1 69.9 104.9
43 180.1 169.0 253.4
56 60.0 42.0 63.0



#29
Chloroform
Concen: 2.086 ppbv
RT: 5.85 min Scan# 905
Delta R.T. -0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 83 Resp: 420042
Ion Ratio Lower Upper
83 100
85 65.0 50.4 75.6

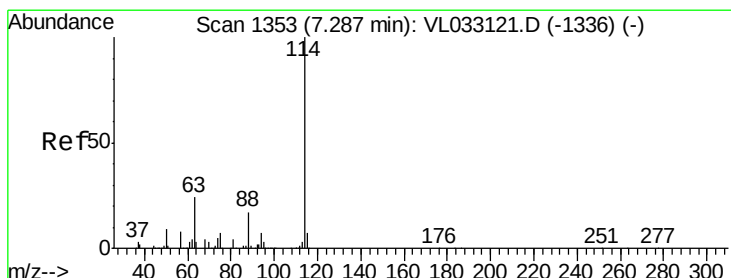
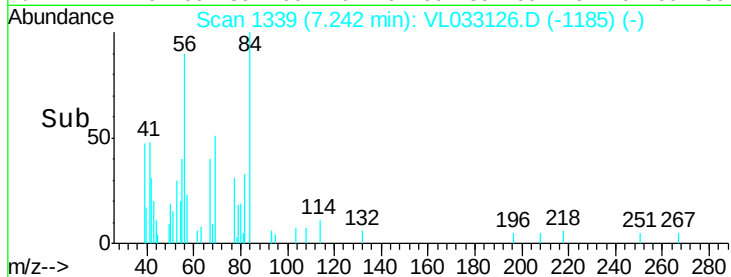
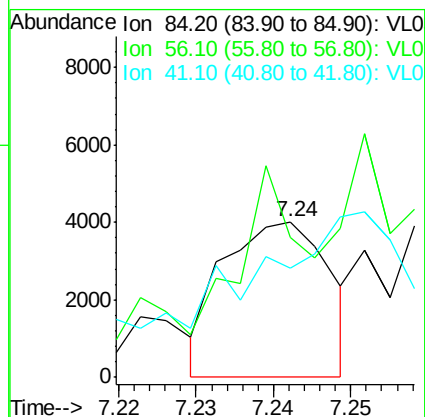
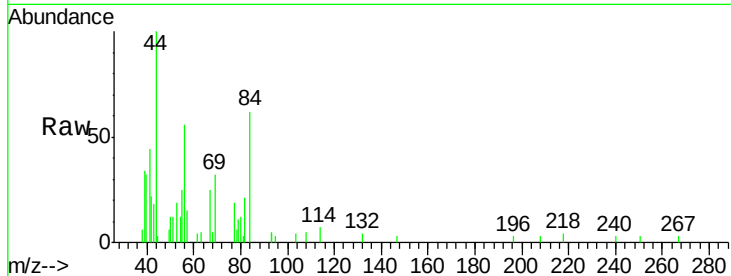




#30
Cyclohexane
Concen: 0.042 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

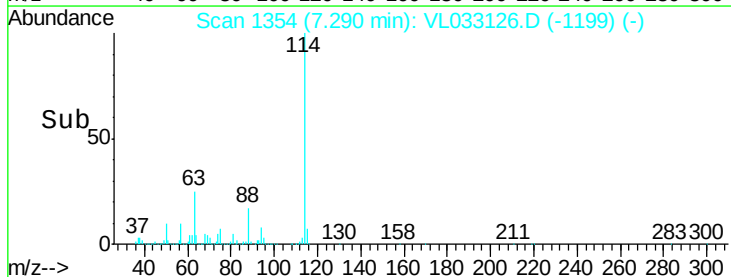
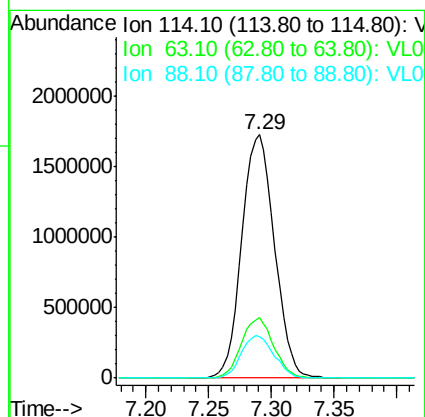
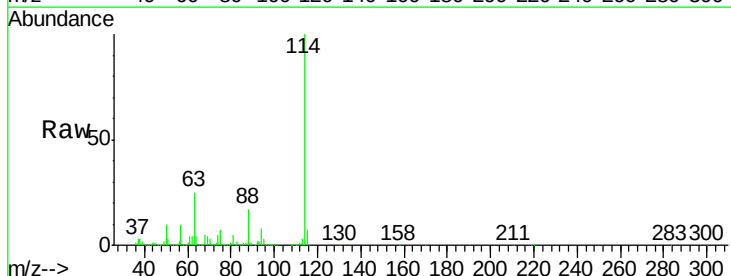
Instrument :
MSVOA_L
ClientSampled :
S-01

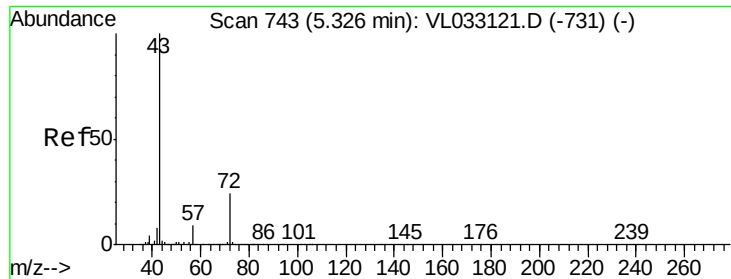
Tgt Ion: 84 Resp: 3830
Ion Ratio Lower Upper
84 100
56 0.0 102.4 153.6#
41 0.0 62.7 94.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1354
Delta R.T. -0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 114 Resp: 3128688
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.8
88 17.4 14.2 21.2

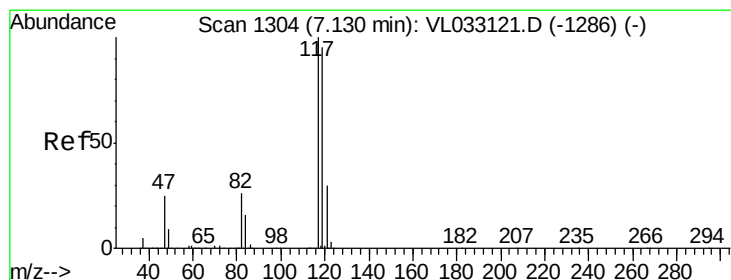
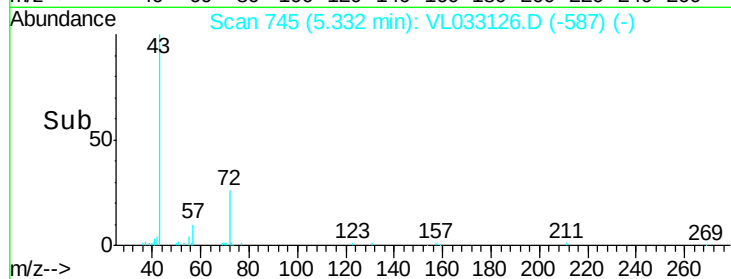
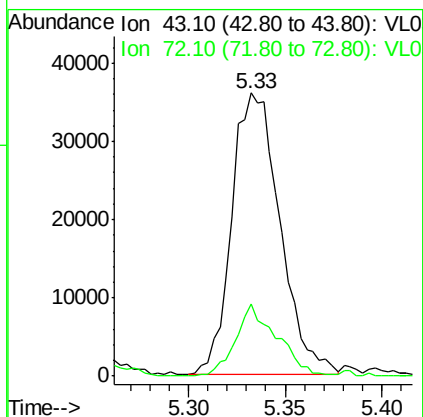
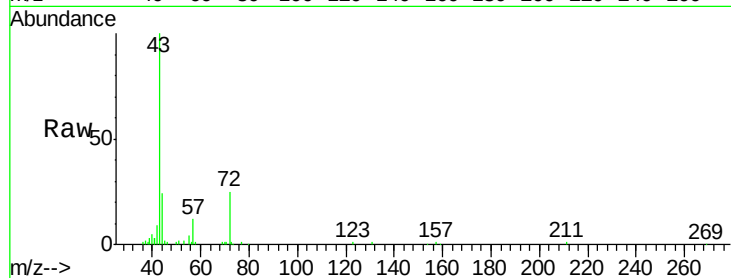




#34
2-Butanone
Concen: 0.352 ppbv
RT: 5.33 min Scan# 745
Delta R.T. 0.01 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

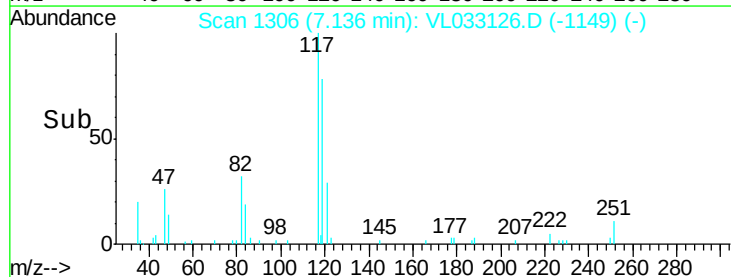
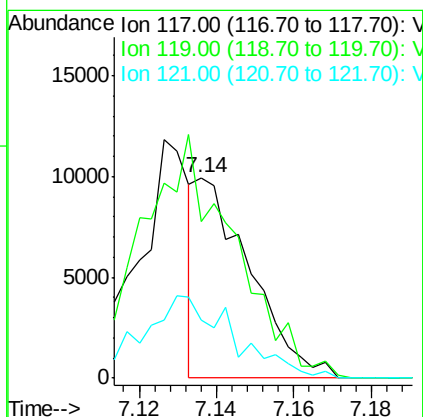
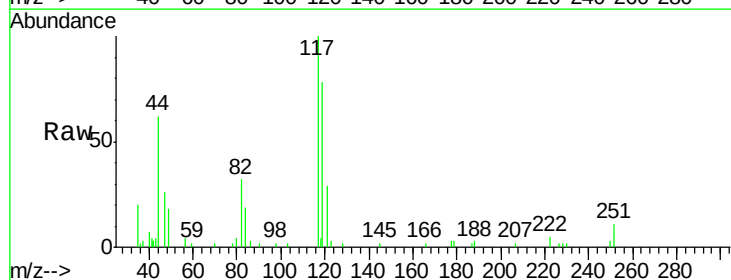
Instrument :
MSVOA_L
ClientSampled :
S-01

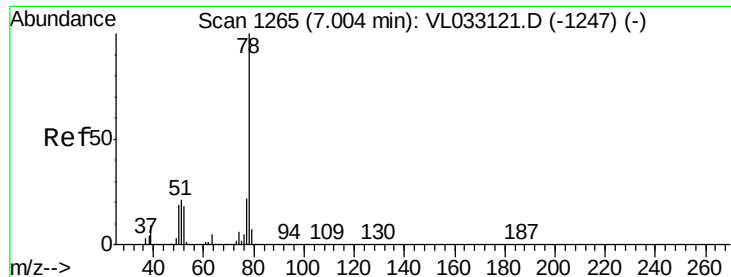
Tgt Ion: 43 Resp: 62546
Ion Ratio Lower Upper
43 100
72 21.8 18.7 28.1



#35
Carbon Tetrachloride
Concen: 0.033 ppbv
RT: 7.14 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 117 Resp: 9580
Ion Ratio Lower Upper
117 100
119 76.5 75.8 113.6
121 29.0 24.6 36.8

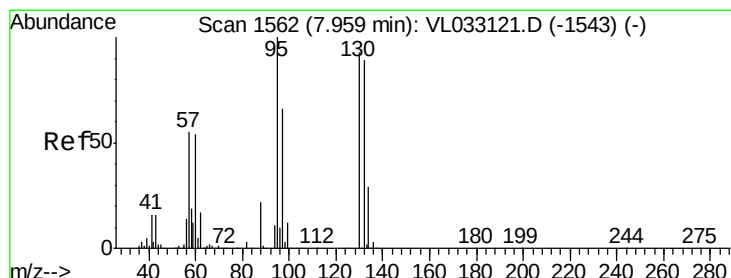
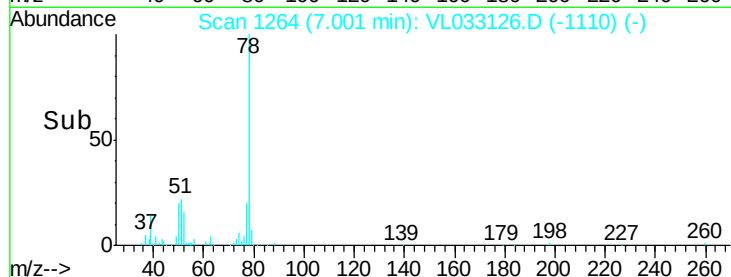
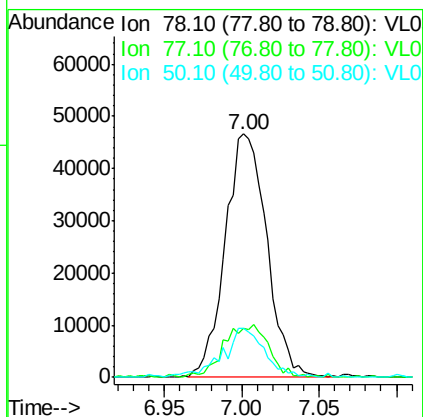
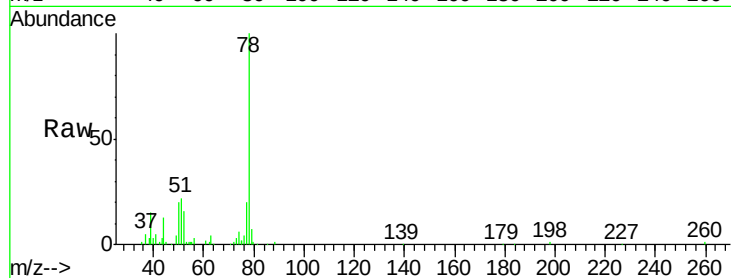




#36
Benzene
Concen: 0.316 ppbv
RT: 7.00 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

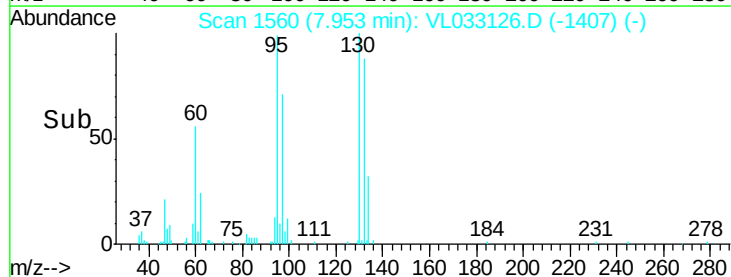
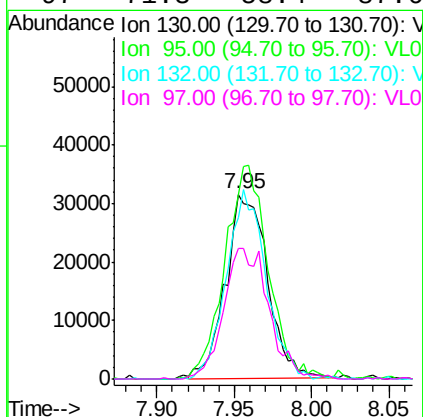
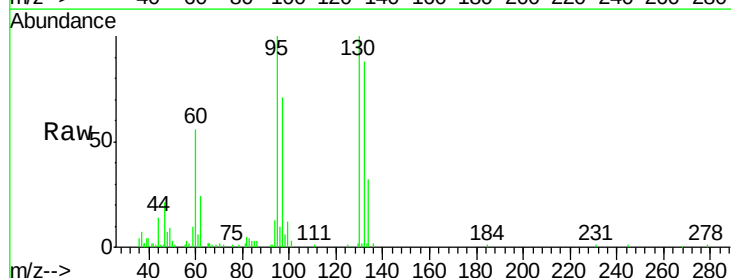
Instrument :
MSVOA_L
ClientSampled :
S-01

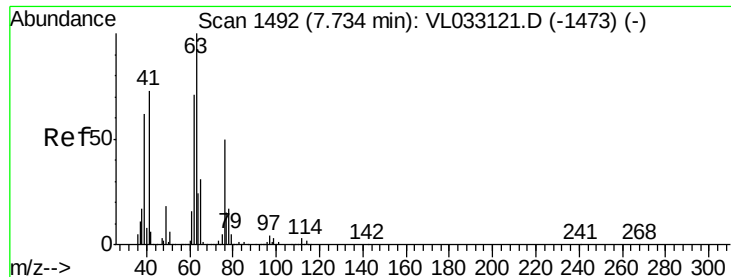
Tgt Ion: 78 Resp: 87161
Ion Ratio Lower Upper
78 100
77 19.6 18.5 27.7
50 20.0 15.4 23.2



#38
Trichloroethene
Concen: 0.528 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 130 Resp: 59257
Ion Ratio Lower Upper
130 100
95 99.0 94.0 141.0
132 88.1 79.7 119.5
97 71.3 58.4 87.6





#39

1,2-Dichloropropane

Concen: 7.851 ppbv

RT: 7.29 min Scan# 1354

Delta R.T. -0.45 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

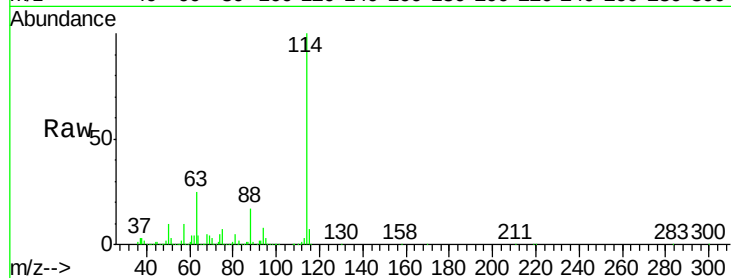
Tgt Ion: 63 Resp: 763352

Ion Ratio Lower Upper

63 100

41 0.0 57.8 86.8#

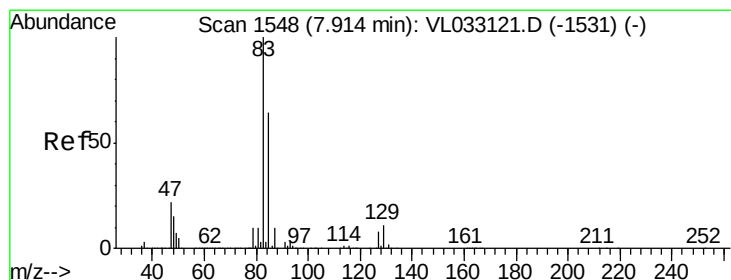
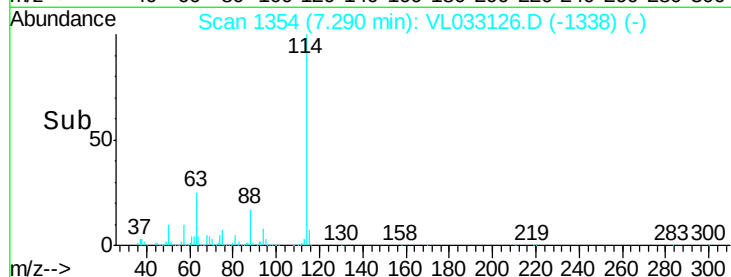
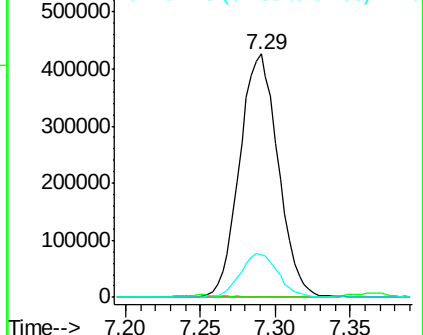
62 17.6 54.6 82.0#



Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#42

Bromodichloromethane

Concen: 0.054 ppbv

RT: 7.91 min Scan# 1547

Delta R.T. -0.01 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

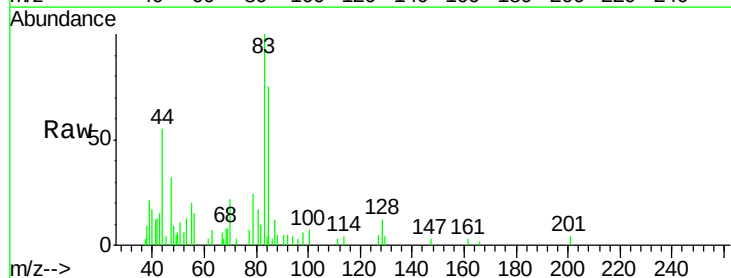
Tgt Ion: 83 Resp: 12969

Ion Ratio Lower Upper

83 100

85 70.0 52.9 79.3

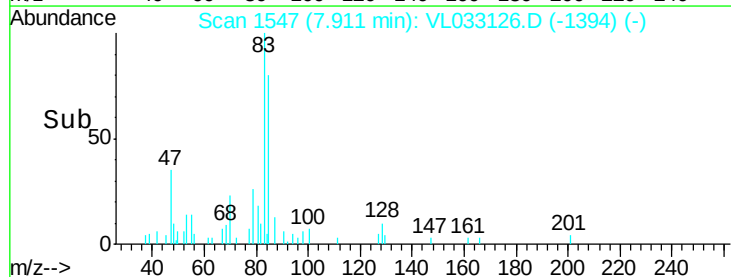
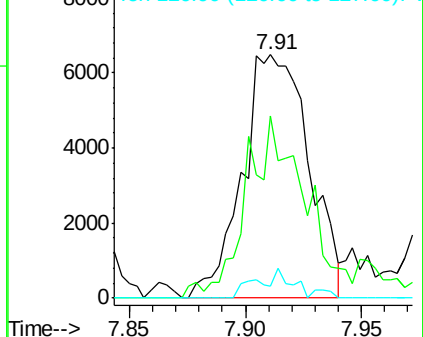
127 5.0 6.7 10.1#

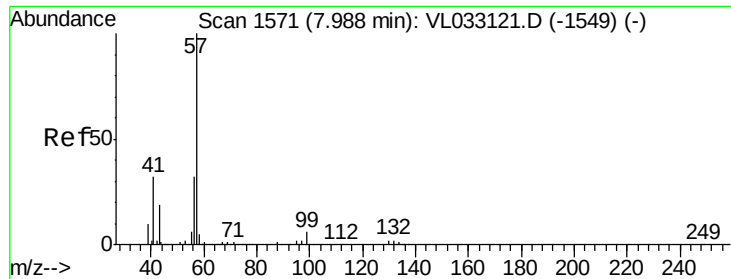


Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): V





#44

2,2,4-Trimethylpentane

Concen: 0.058 ppbv

RT: 7.99 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

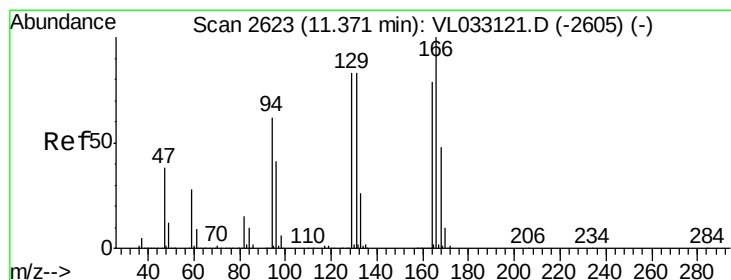
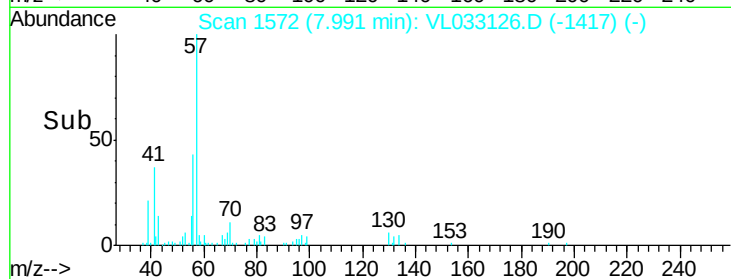
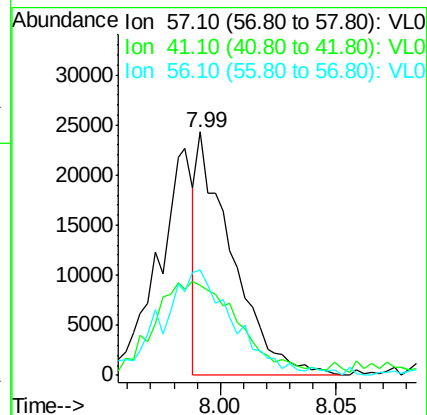
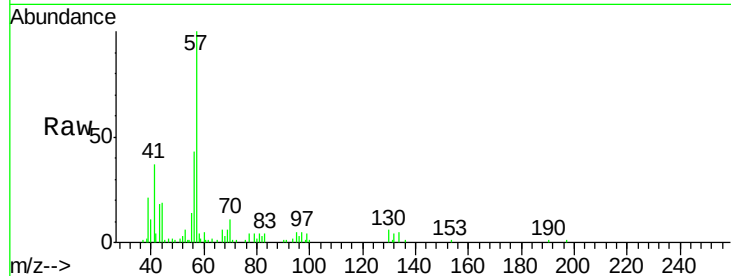
Tgt Ion: 57 Resp: 25453

Ion Ratio Lower Upper

57 100

41 95.9 26.1 39.1#

56 92.7 25.0 37.4#



#52

Tetrachloroethene

Concen: 2.504 ppbv

RT: 11.37 min Scan# 2622

Delta R.T. -0.01 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Tgt Ion: 164 Resp: 229939

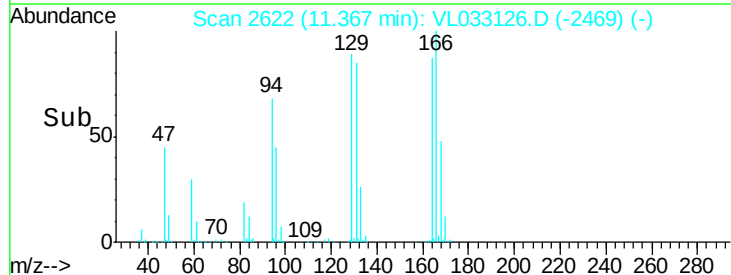
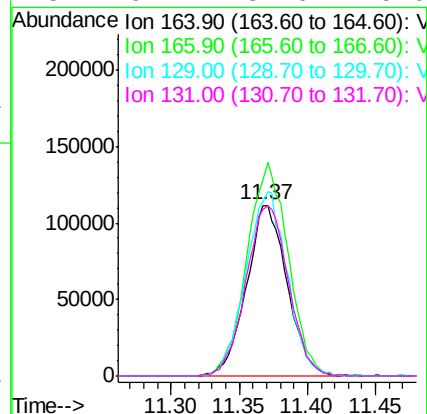
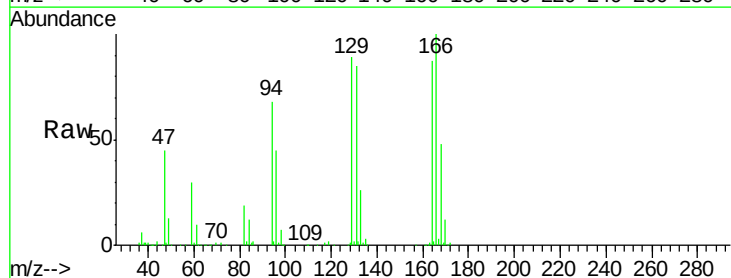
Ion Ratio Lower Upper

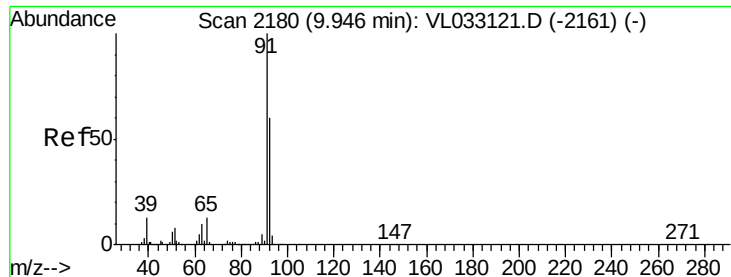
164 100

166 114.9 101.3 151.9

129 102.2 83.3 124.9

131 97.4 82.0 123.0





#53

Toluene

Concen: 0.847 ppbv

RT: 9.95 min Scan# 2180

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

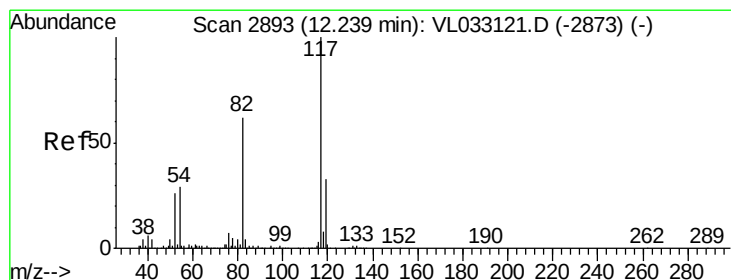
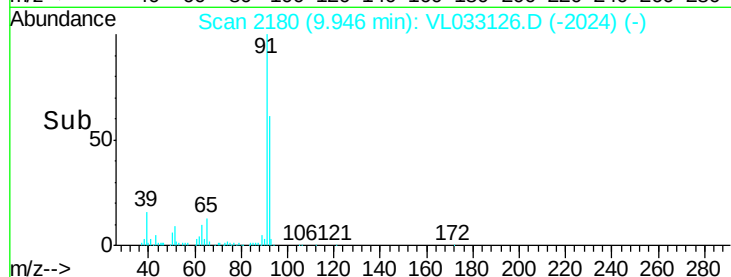
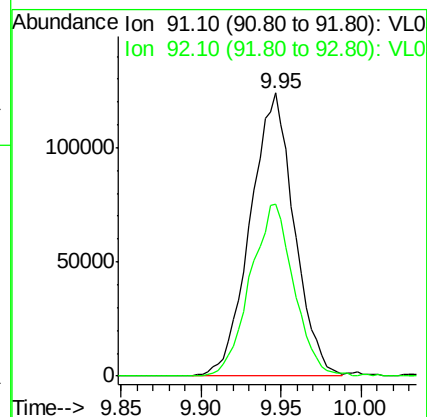
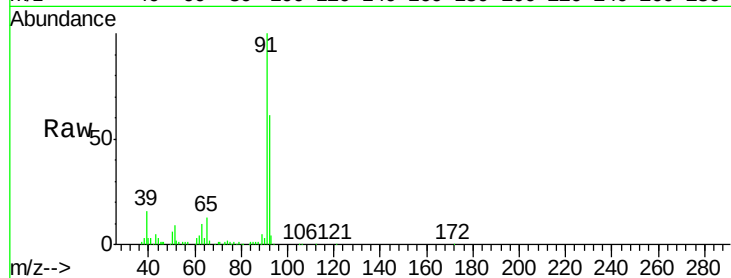
S-01

Tgt Ion: 91 Resp: 233698

Ion Ratio Lower Upper

91 100

92 60.3 47.9 71.9



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.24 min Scan# 2892

Delta R.T. -0.01 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

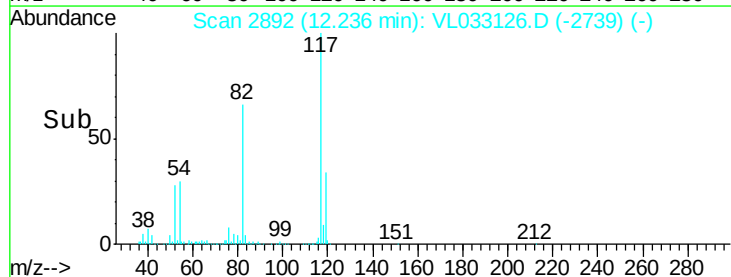
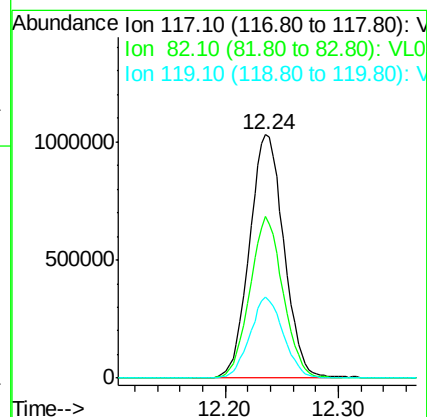
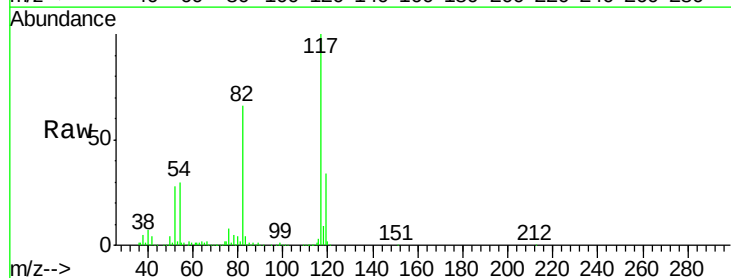
Tgt Ion: 117 Resp: 2178935

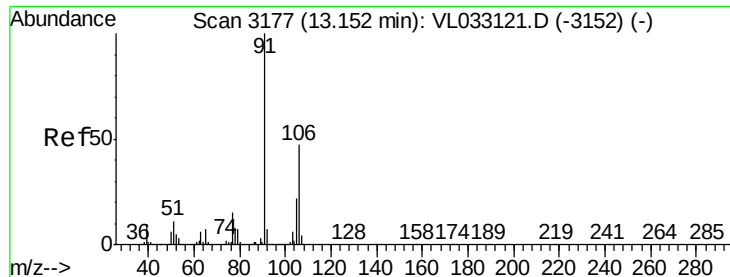
Ion Ratio Lower Upper

117 100

82 64.0 48.3 72.5

119 32.6 25.9 38.9

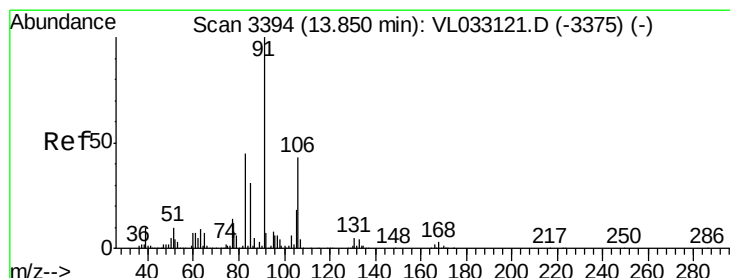
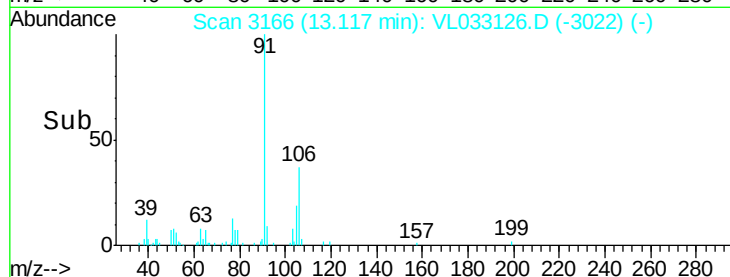
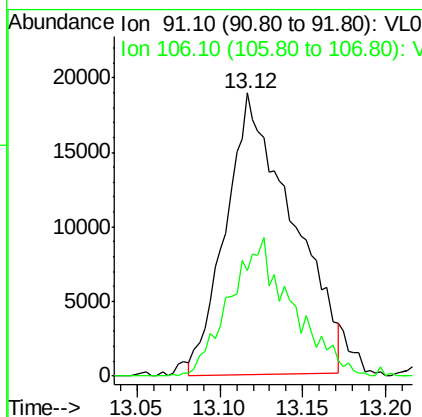
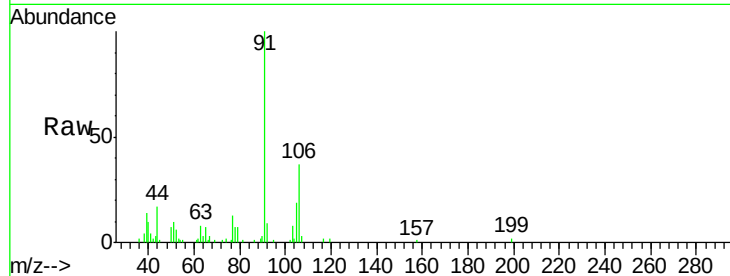




#59
m/p-Xylene
Concen: 0.221 ppbv
RT: 13.12 min Scan# 3166
Delta R.T. -0.04 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

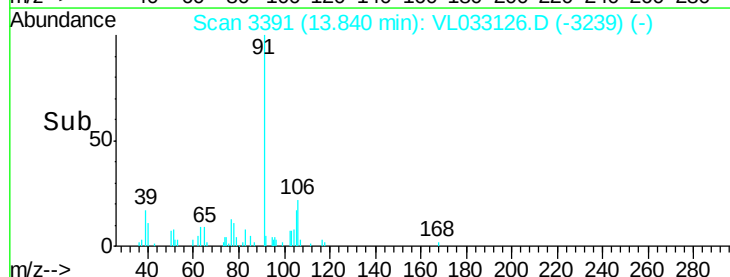
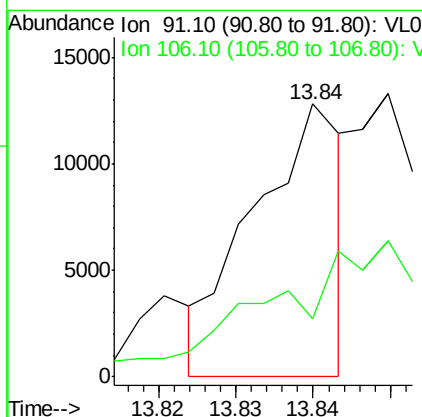
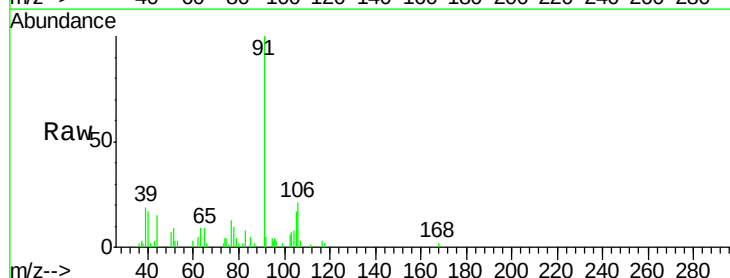
Instrument :
MSVOA_L
ClientSampleId :
S-01

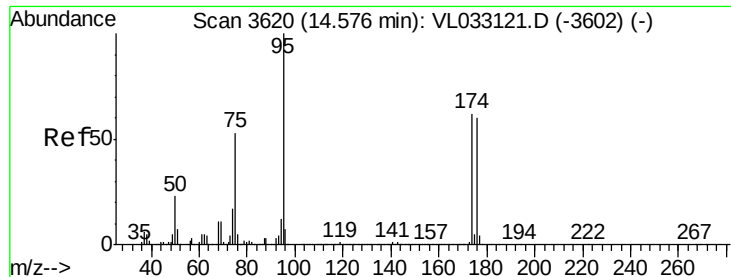
Tgt Ion: 91 Resp: 52711
Ion Ratio Lower Upper
91 100
106 46.0 0.0 0.0#



#60
o-Xylene
Concen: 0.041 ppbv
RT: 13.84 min Scan# 3391
Delta R.T. -0.01 min
Lab File: VL033126.D
Acq: 29 Jan 2019 3:47

Tgt Ion: 91 Resp: 10231
Ion Ratio Lower Upper
91 100
106 0.0 22.6 67.8#





#68

1-Bromo-4-Fluorobenzene

Concen: 10.111 ppbv

RT: 14.57 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

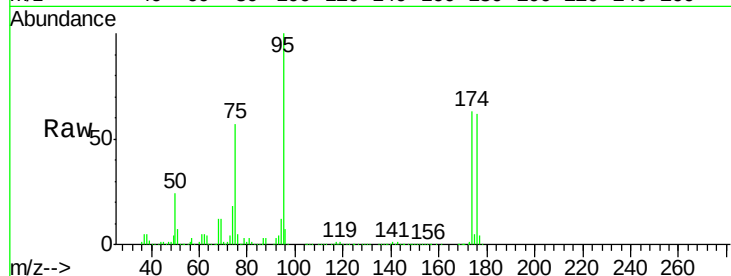
Tgt Ion: 95 Resp: 1666526

Ion Ratio Lower Upper

95 100

174 63.6 51.4 77.2

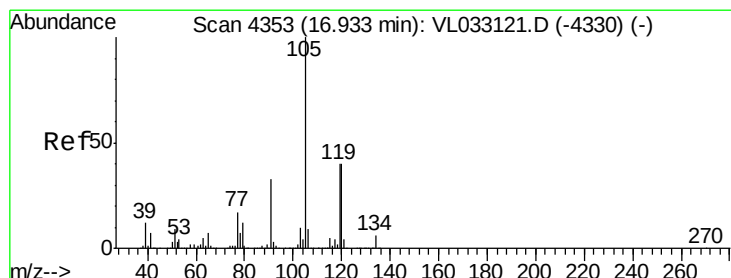
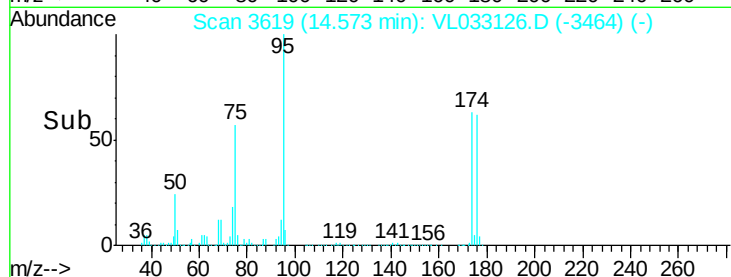
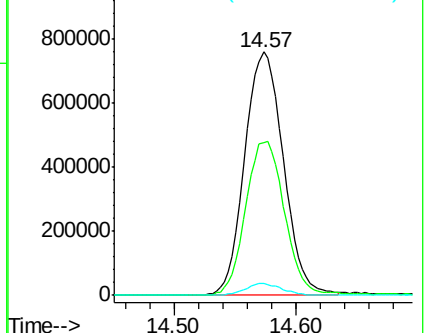
175 4.7 4.0 6.0



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



#74

1,2,4-Trimethylbenzene

Concen: 0.173 ppbv

RT: 16.93 min Scan# 4351

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Tgt Ion: 105 Resp: 46483

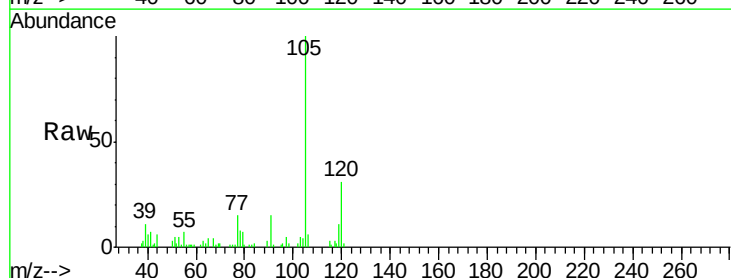
Ion Ratio Lower Upper

105 100

120 29.9 37.9 56.9#

91 13.4 39.8 59.8#

77 15.5 17.8 26.8#

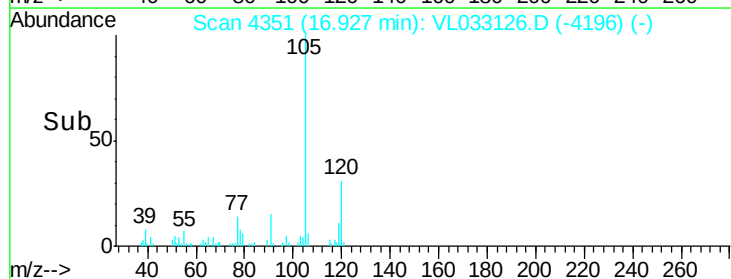
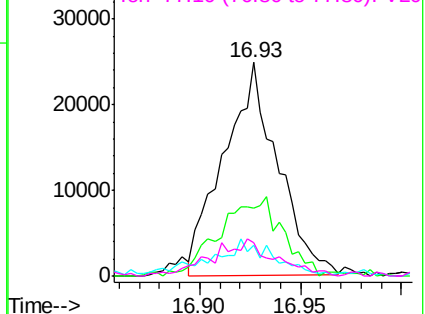


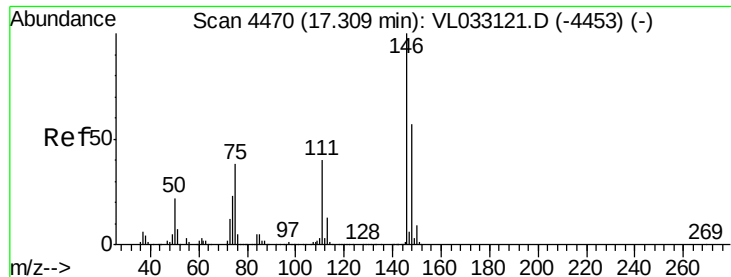
Abundance Ion 105.10 (104.80 to 105.80): V

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





#76

1,4-Dichlorobenzene

Concen: 0.037 ppbv

RT: 17.31 min Scan# 4469

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

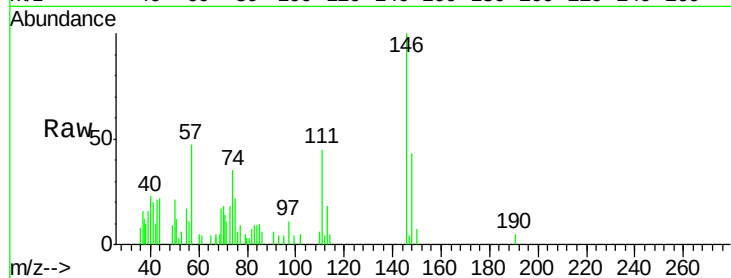
Tgt Ion:146 Resp: 5582

Ion Ratio Lower Upper

146 100

111 129.1 22.7 68.0#

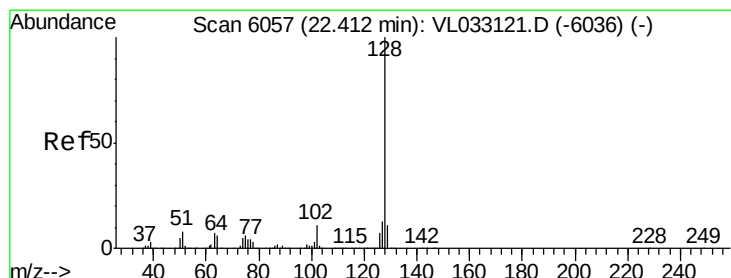
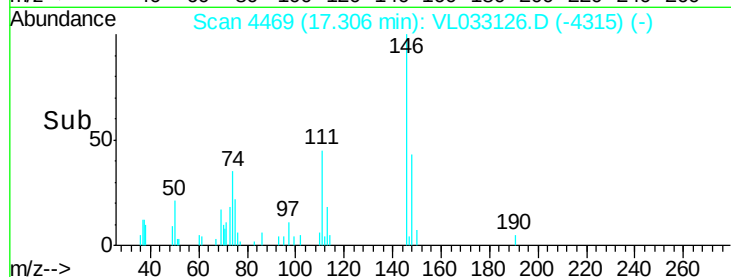
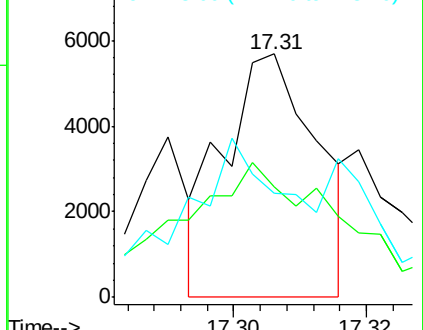
148 142.9 32.1 96.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.10 (110.80 to 111.80): V

Ion 148.00 (147.70 to 148.70): V



#79

Naphthalene

Concen: 0.042 ppbv

RT: 22.41 min Scan# 6055

Delta R.T. -0.01 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

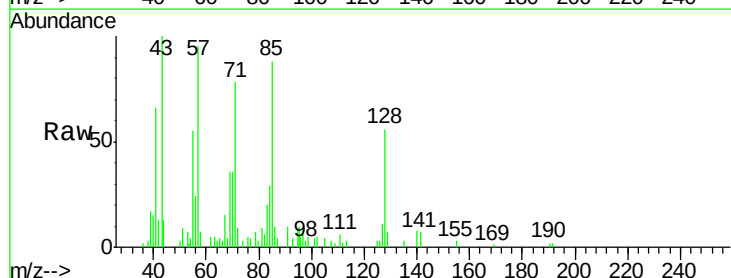
Tgt Ion:128 Resp: 6886

Ion Ratio Lower Upper

128 100

127 16.0 10.6 15.8#

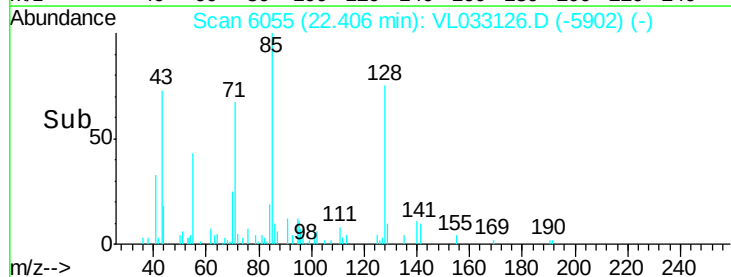
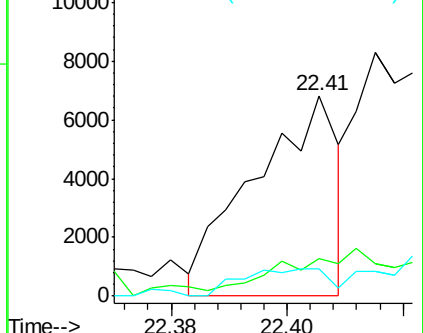
129 15.0 9.2 13.8#

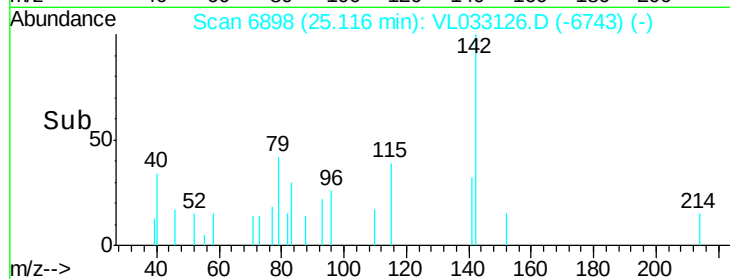
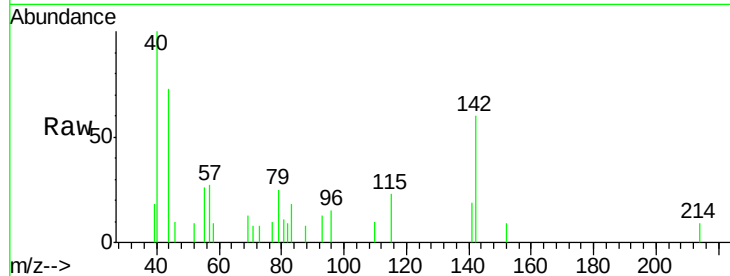
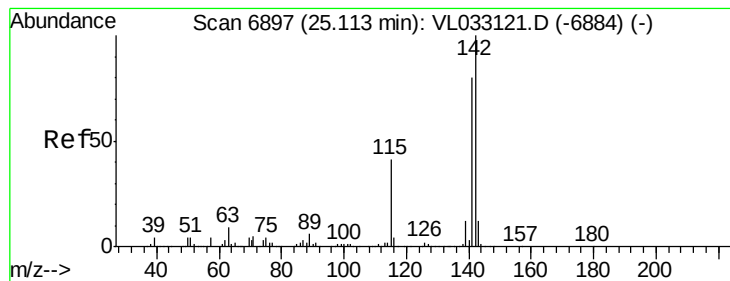


Abundance Ion 128.10 (127.80 to 128.80): V

Ion 127.10 (126.80 to 127.80): V

Ion 129.10 (128.80 to 129.80): V





#80

Naphthalene, 2-methyl-

Concen: 0.038 ppbv

RT: 25.12 min Scan# 6898

Delta R.T. -0.00 min

Lab File: VL033126.D

Acq: 29 Jan 2019 3:47

Instrument :

MSVOA_L

ClientSampleId :

S-01

Tgt Ion:142 Resp: 1572

Ion Ratio Lower Upper

142 100

141 107.5 67.4 101.2#

115 22.6 34.9 52.3#

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

