

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070218\
 Data File : VL032192.D
 Acq On : 2 Jul 2018 21:46
 Operator : SY/AP
 Sample : J3753-02DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

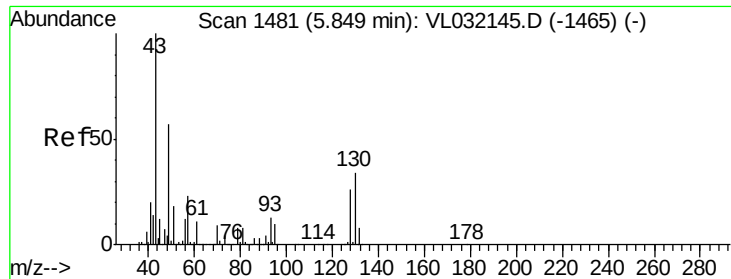
Quant Time: Jul 03 05:05:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062918AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 29 22:27:58 2018
 QLast Update : Fri Jun 29 22:27:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.85	49	1437927	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.38	114	3697407	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.34	117	3427429	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.68	95	2594996	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chlorodifluoromethane	3.07	51	15198	0.087	ppbv	92
4) Chloromethane	3.23	50	2829	0.030	ppbv	90
7) Chloroethane	3.67	64	4267	0.127	ppbv #	81
9) Propene	3.09	41	11344	0.139	ppbv #	47
10) Heptane	8.33	43	7410	0.031	ppbv #	28
12) 1,1,2-Trichlorotrifluoroet	4.62	101	24598	0.180	ppbv	94
13) Ethanol	3.71	45	1353015	54.505	ppbv	99
15) Acetone	3.97	43	779153	4.634	ppbv	99
16) 1,3-Butadiene	3.41	39	10361	0.129	ppbv #	2
17) tert-Butyl alcohol	4.44	59	60356	0.564	ppbv #	72
18) 1,1-Dichloroethene	4.42	96	8421	0.129	ppbv #	76
19) Isopropyl Alcohol	4.10	45	712298	5.099	ppbv #	41
20) Methylene Chloride	4.49	84	16997	0.277	ppbv	91
22) trans-1,2-Dichloroethene	5.04	96	3738	0.055	ppbv	84
23) Vinyl Acetate	5.22	43	42280	0.139	ppbv #	69
24) 1,1-Dichloroethane	5.17	63	212596	1.088	ppbv	98
25) Ethyl Acetate	5.85	43	21550	0.062	ppbv #	75
26) Hexane	5.86	57	15221	0.095	ppbv #	39
32) 1,1,1-Trichloroethane	6.70	97	2231879	9.131	ppbv	98
34) 2-Butanone	5.41	43	129641	0.552	ppbv	98
37) 1,2-Dichloroethane	6.70	62	150428	0.844	ppbv #	1
39) 1,2-Dichloropropane	7.38	63	982743	6.963	ppbv #	26
44) 2,2,4-Trimethylpentane	8.09	57	131495	0.210	ppbv #	89
53) Toluene	10.05	91	168617	0.390	ppbv	99
58) Ethyl Benzene	13.22	91	108770	0.197	ppbv	90
59) m/p-Xylene	13.25	91	33744	0.076	ppbv #	29
60) o-Xylene	13.94	91	60058	0.136	ppbv	95
65) tert-Butylbenzene	17.20	119	108028	0.181	ppbv #	33
69) p-Isopropyltoluene	17.91	119	120035	0.171	ppbv #	90
72) 4-Ethyltoluene	16.10	105	17416	0.031	ppbv #	88
74) 1,2,4-Trimethylbenzene	17.02	105	36834	0.068	ppbv #	68
75) 1,3-Dichlorobenzene	17.27	146	135546	0.439	ppbv	78
76) 1,4-Dichlorobenzene	17.27	146	135546	0.433	ppbv	74

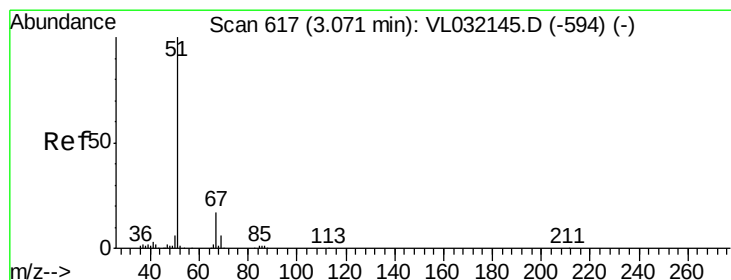
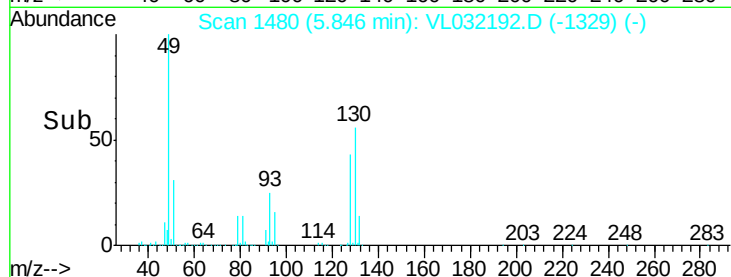
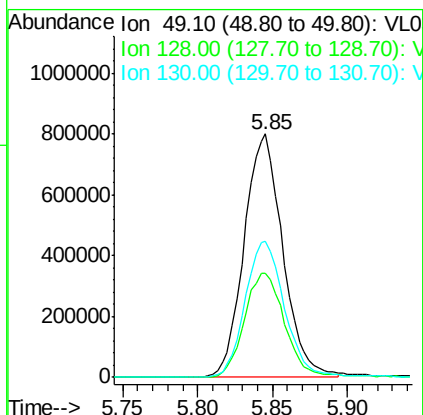
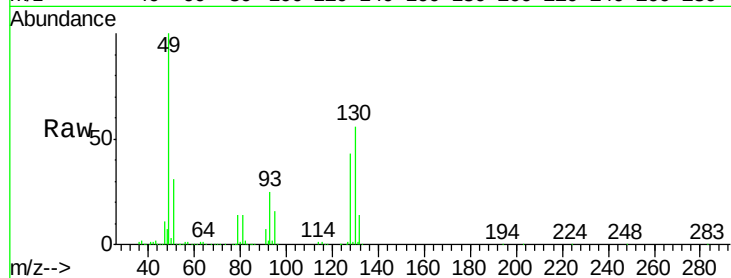
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.85 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

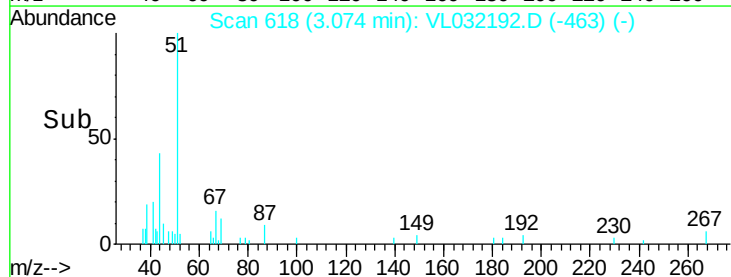
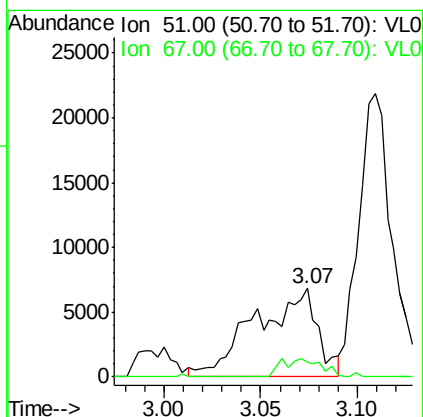
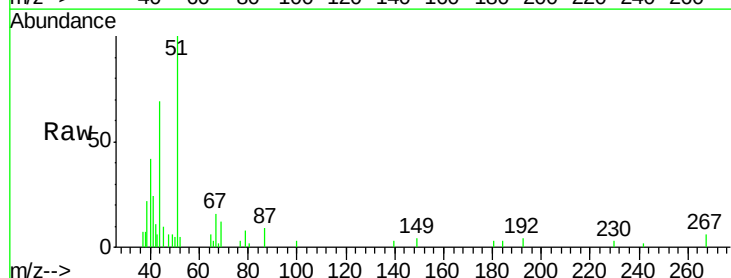
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

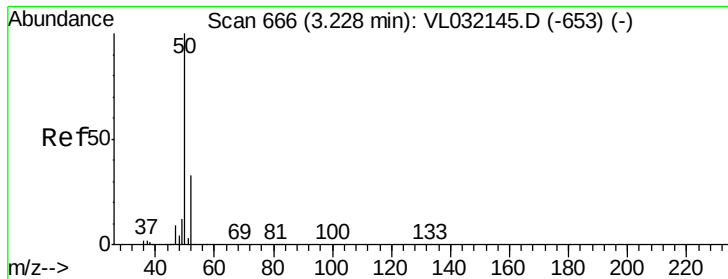
Tgt Ion: 49 Resp: 1437927
 Ion Ratio Lower Upper
 49 100
 128 45.2 23.4 70.0
 130 58.2 30.3 90.9



#3
 Chlorodifluoromethane
 Concen: 0.087 ppbv
 RT: 3.07 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion: 51 Resp: 15198
 Ion Ratio Lower Upper
 51 100
 67 13.3 13.2 19.8





#4

Chloromethane

Concen: 0.030 ppbv

RT: 3.23 min Scan# 667

Delta R.T. -0.01 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

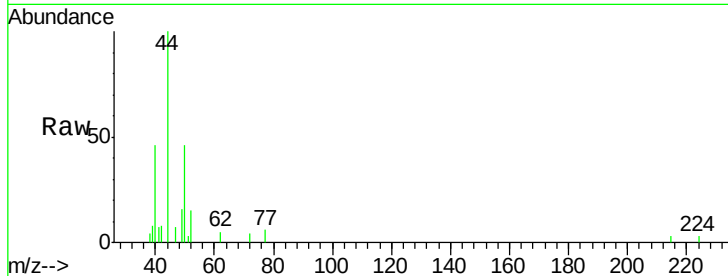
MIDDLE

Tgt Ion: 50 Resp: 2829

Ion Ratio Lower Upper

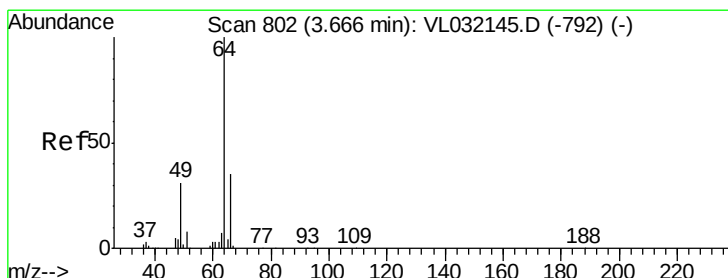
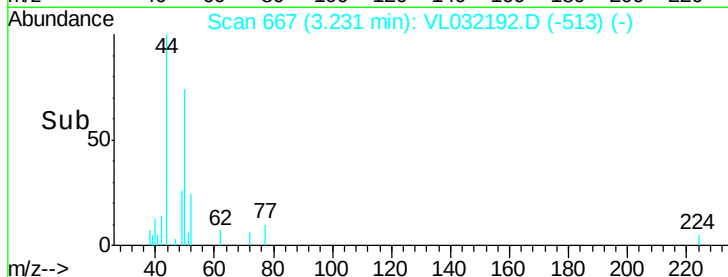
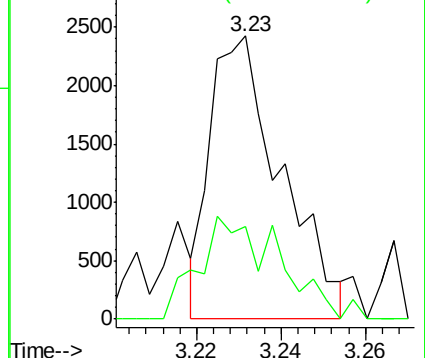
50 100

52 37.9 26.0 39.0



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0



#7

Chloroethane

Concen: 0.127 ppbv

RT: 3.67 min Scan# 802

Delta R.T. -0.01 min

Lab File: VL032192.D

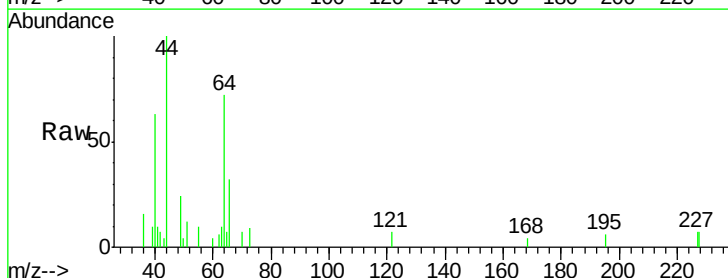
Acq: 2 Jul 2018 21:46

Tgt Ion: 64 Resp: 4267

Ion Ratio Lower Upper

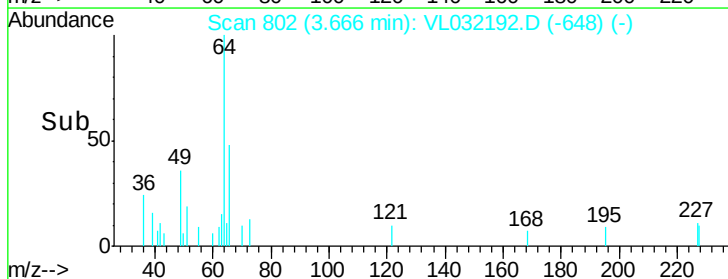
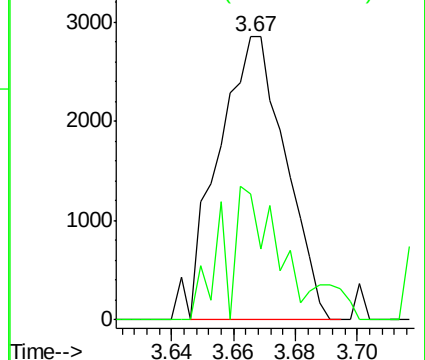
64 100

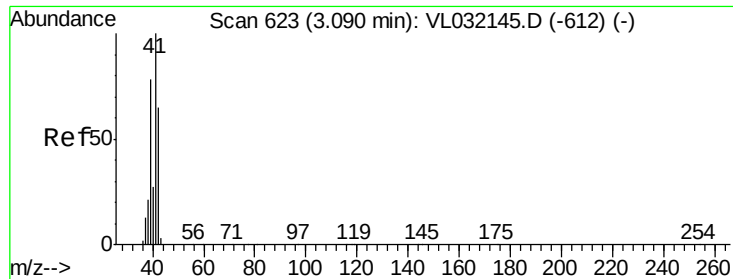
66 44.3 26.9 40.3#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0





#9

Propene

Concen: 0.139 ppbv

RT: 3.09 min Scan# 624

Delta R.T. -0.01 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

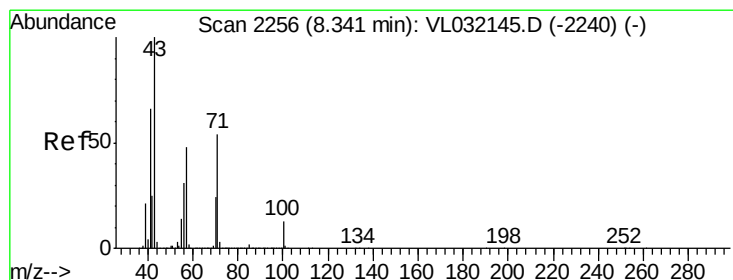
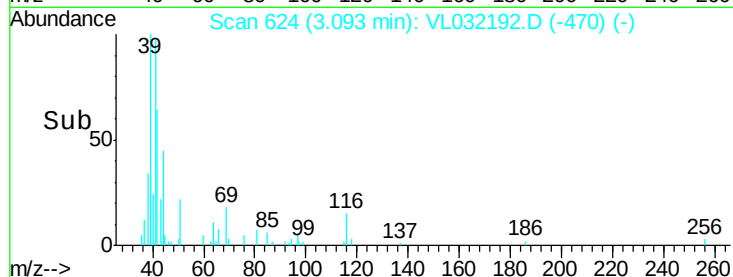
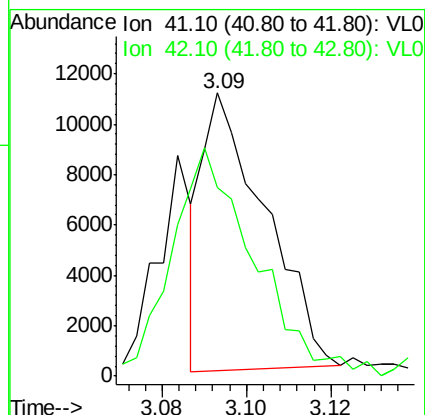
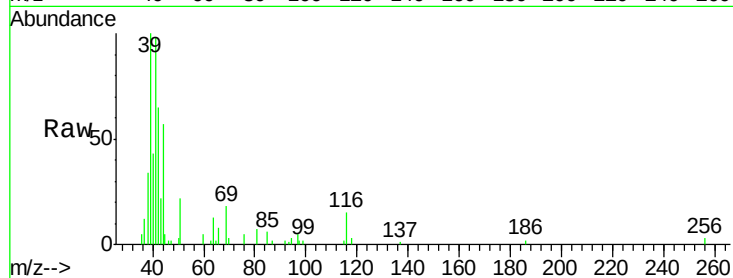
MIDDLE

Tgt Ion: 41 Resp: 11344

Ion Ratio Lower Upper

41 100

42 114.1 56.2 84.4#



#10

Heptane

Concen: 0.031 ppbv

RT: 8.33 min Scan# 2253

Delta R.T. -0.03 min

Lab File: VL032192.D

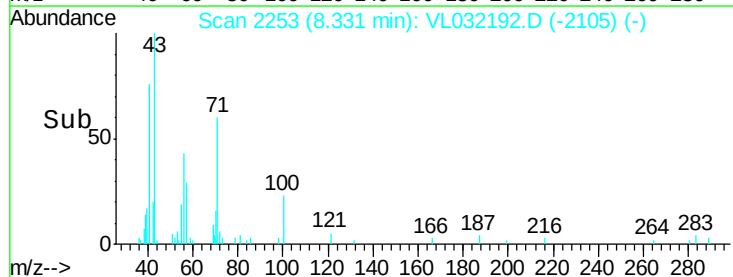
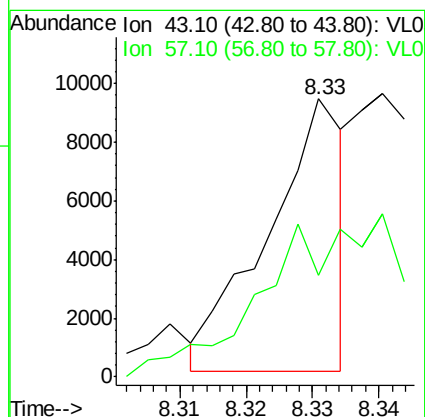
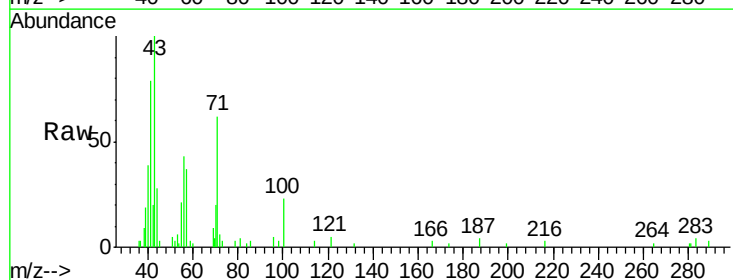
Acq: 2 Jul 2018 21:46

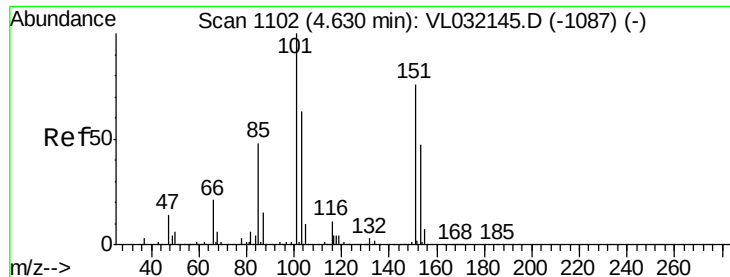
Tgt Ion: 43 Resp: 7410

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.180 ppbv

RT: 4.62 min Scan# 1100

Delta R.T. -0.02 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

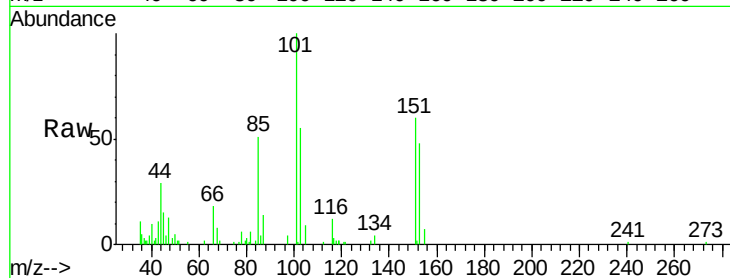
MIDDLE

Tgt Ion:101 Resp: 24598

Ion Ratio Lower Upper

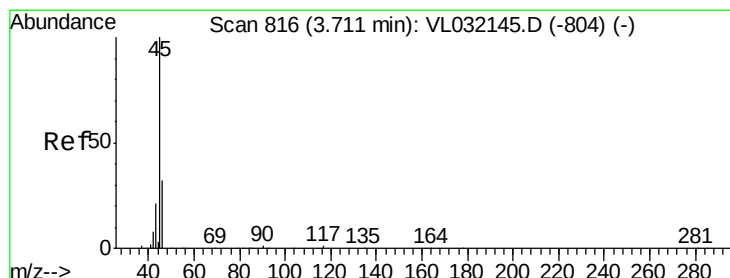
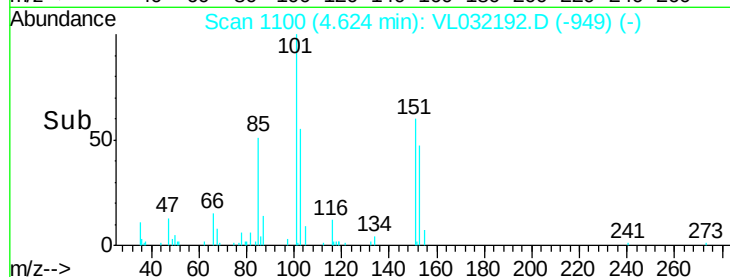
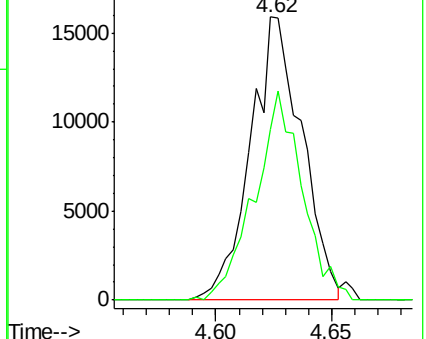
101 100

151 68.4 58.8 88.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 54.505 ppbv

RT: 3.71 min Scan# 817

Delta R.T. -0.01 min

Lab File: VL032192.D

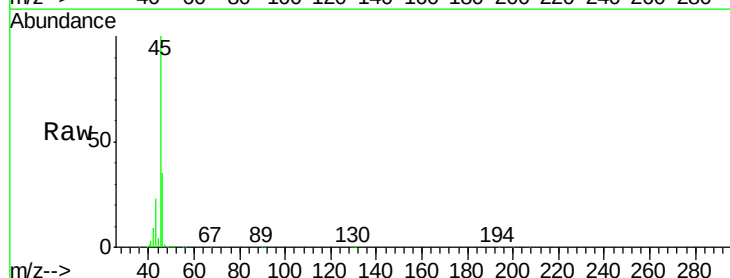
Acq: 2 Jul 2018 21:46

Tgt Ion: 45 Resp: 1353015

Ion Ratio Lower Upper

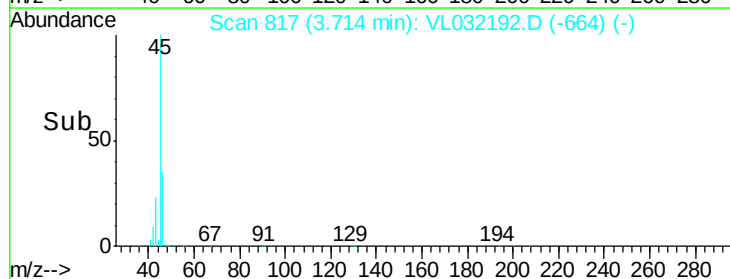
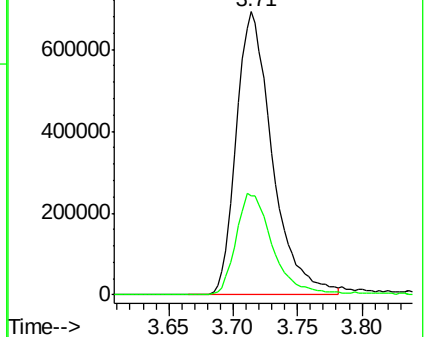
45 100

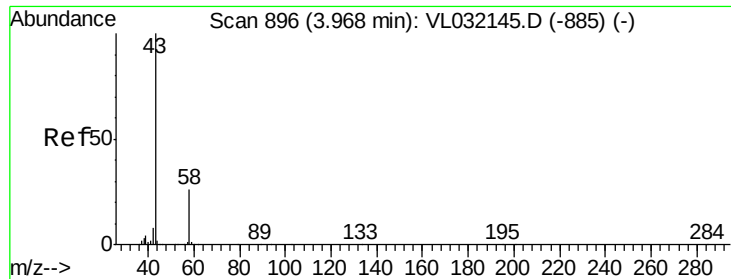
46 37.2 14.6 58.4



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 4.634 ppbv

RT: 3.97 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

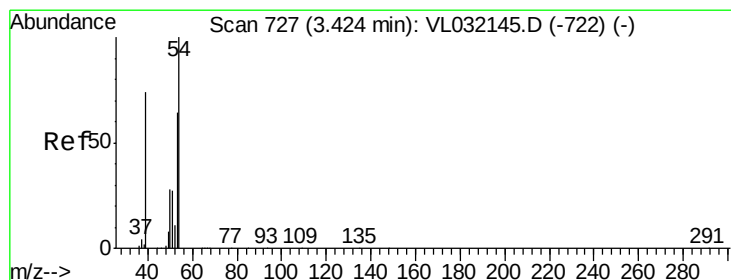
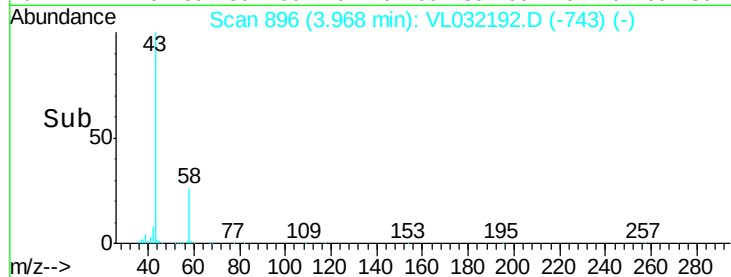
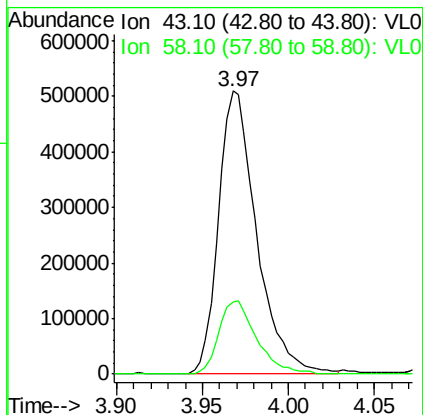
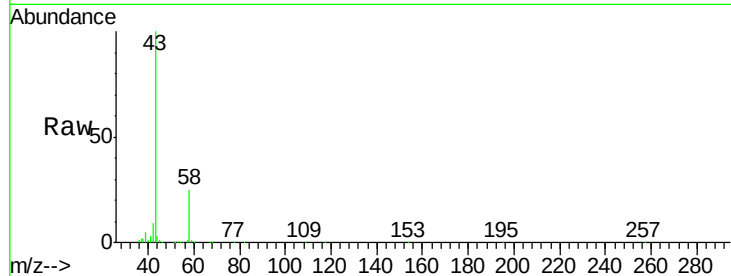
MIDDL

Tgt Ion: 43 Resp: 779153

Ion Ratio Lower Upper

43 100

58 26.3 21.4 32.0



#16

1,3-Butadiene

Concen: 0.129 ppbv

RT: 3.41 min Scan# 721

Delta R.T. -0.03 min

Lab File: VL032192.D

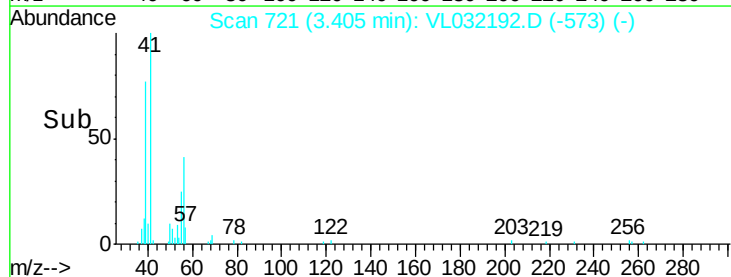
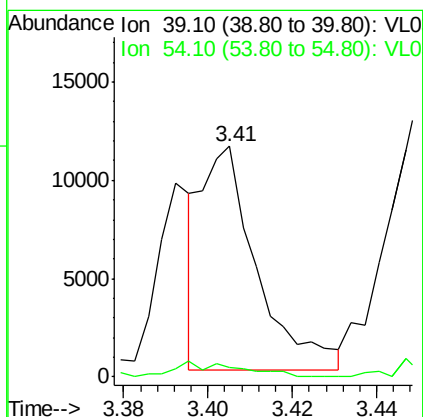
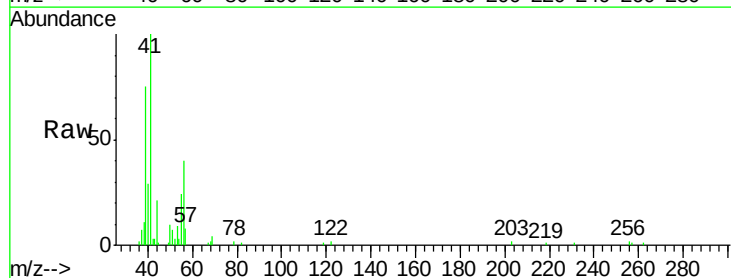
Acq: 2 Jul 2018 21:46

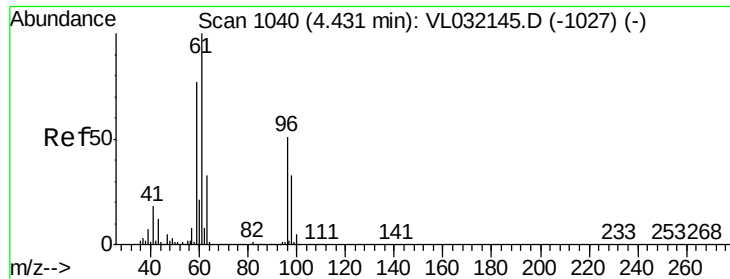
Tgt Ion: 39 Resp: 10361

Ion Ratio Lower Upper

39 100

54 0.0 75.8 113.6#





#17

tert-Butyl alcohol

Concen: 0.564 ppbv

RT: 4.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampled :

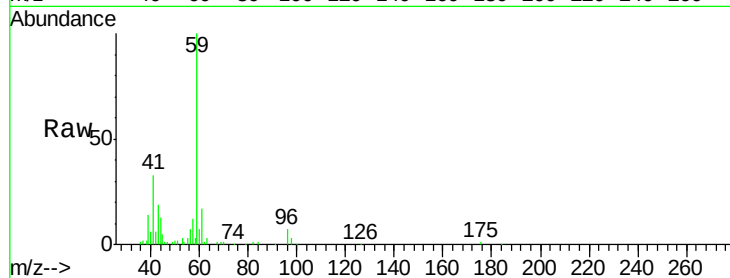
MIDDLE

Tgt Ion: 59 Resp: 60356

Ion Ratio Lower Upper

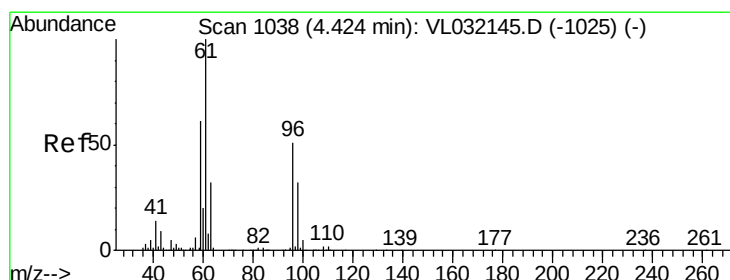
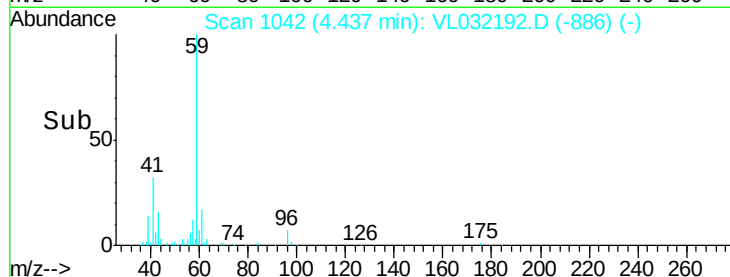
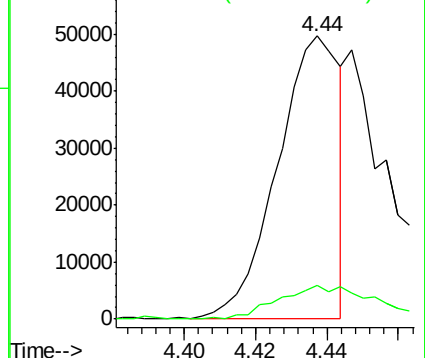
59 100

57 20.4 8.2 12.2#



Abundance Ion 59.10 (58.80 to 59.80): VL0

Ion 57.10 (56.80 to 57.80): VL0



#18

1,1-Dichloroethene

Concen: 0.129 ppbv

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

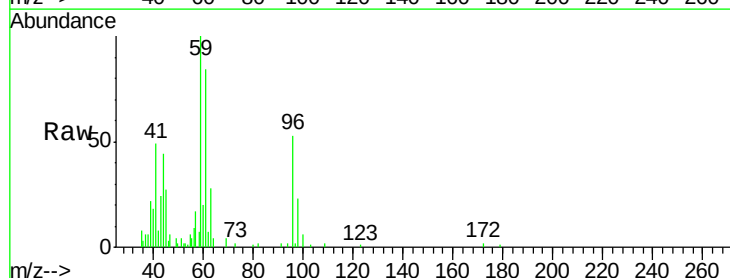
Tgt Ion: 96 Resp: 8421

Ion Ratio Lower Upper

96 100

61 158.4 154.1 231.1

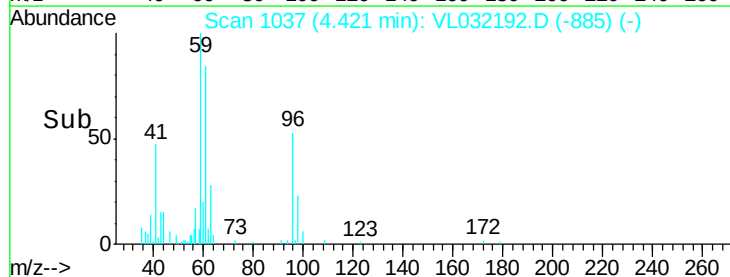
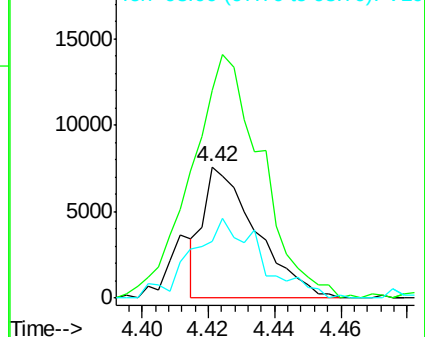
98 41.7 50.3 75.5#

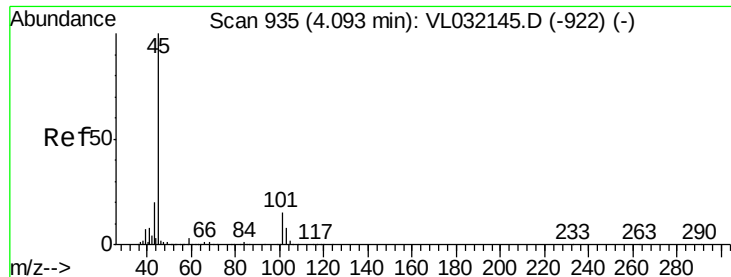


Abundance Ion 96.00 (95.70 to 96.70): VL0

Ion 61.10 (60.80 to 61.80): VL0

Ion 98.00 (97.70 to 98.70): VL0





#19

Isopropyl Alcohol

Concen: 5.099 ppbv

RT: 4.10 min Scan# 937

Delta R.T. -0.00 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

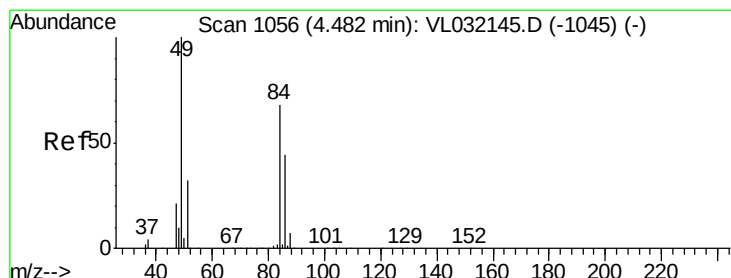
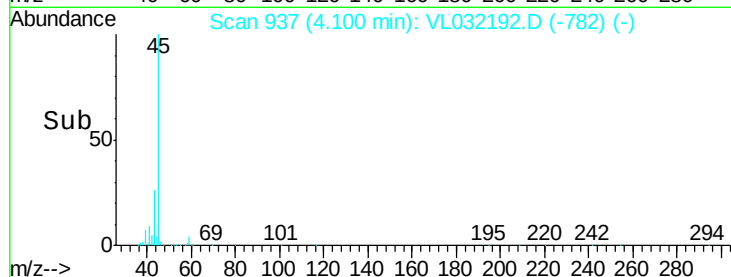
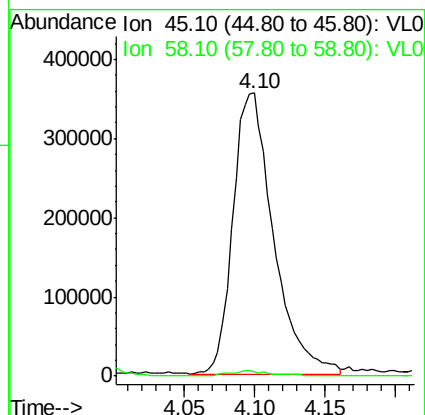
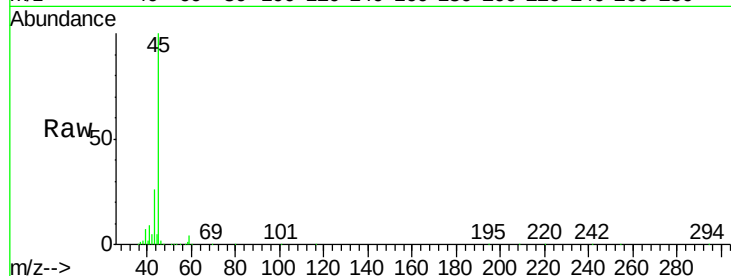
MIDDLE

Tgt Ion: 45 Resp: 712298

Ion Ratio Lower Upper

45 100

58 1.9 29.4 44.0#



#20

Methylene Chloride

Concen: 0.277 ppbv

RT: 4.49 min Scan# 1057

Delta R.T. -0.01 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Tgt Ion: 84 Resp: 16997

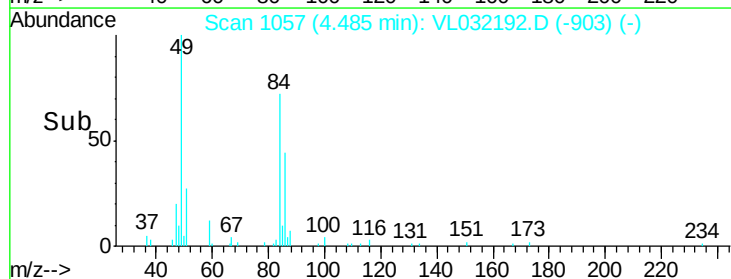
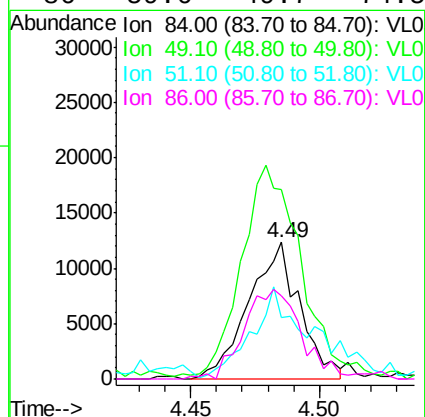
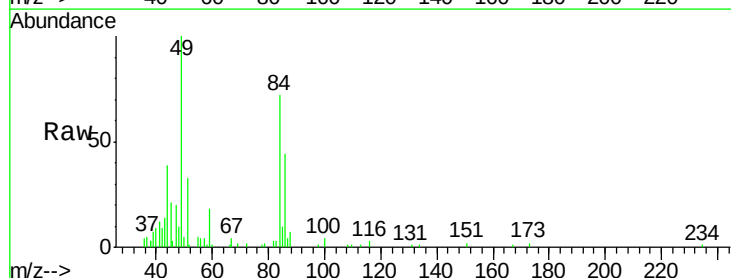
Ion Ratio Lower Upper

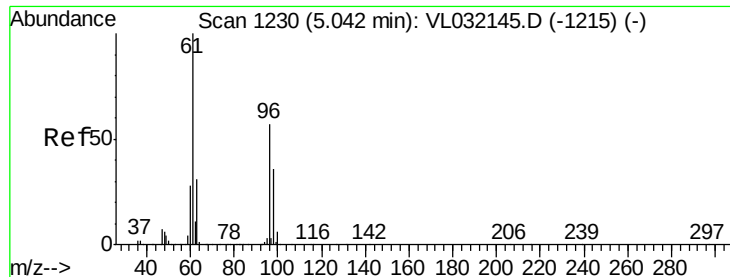
84 100

49 135.8 119.6 179.4

51 40.0 36.3 54.5

86 59.6 49.7 74.5





#22

trans-1,2-Dichloroethene

Concen: 0.055 ppbv

RT: 5.04 min Scan# 1229

Delta R.T. -0.02 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

MIDDLE

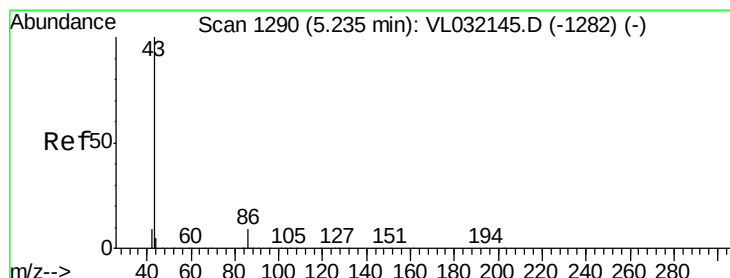
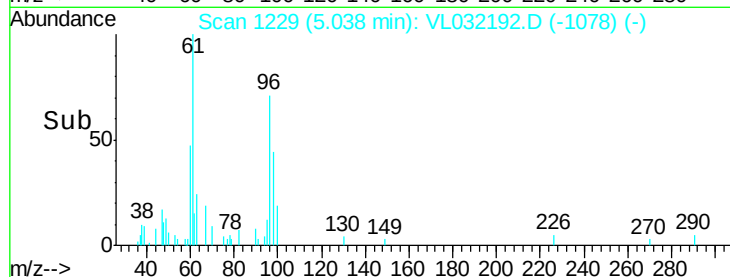
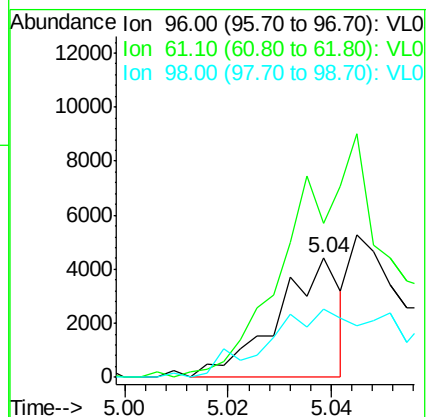
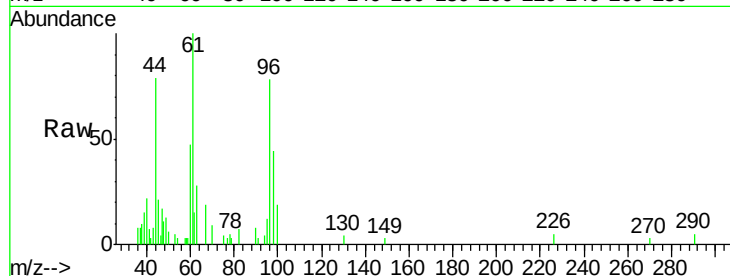
Tgt Ion: 96 Resp: 3738

Ion Ratio Lower Upper

96 100

61 142.7 135.2 202.8

98 56.4 49.7 74.5



#23

Vinyl Acetate

Concen: 0.139 ppbv

RT: 5.22 min Scan# 1287

Delta R.T. -0.02 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Tgt Ion: 43 Resp: 42280

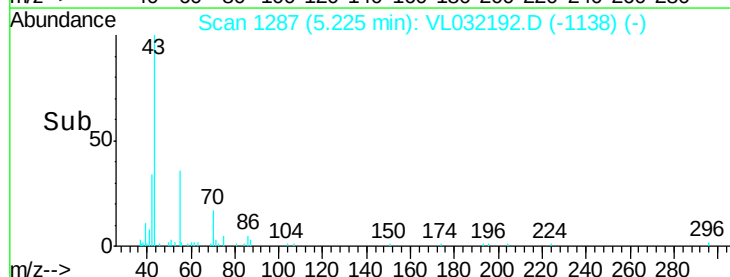
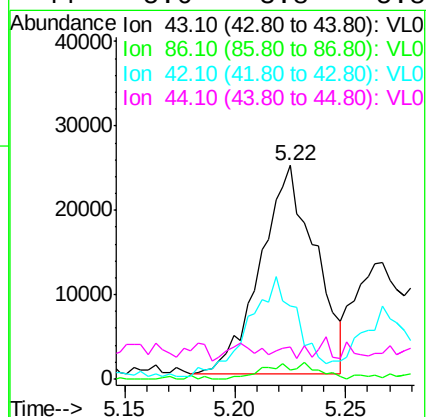
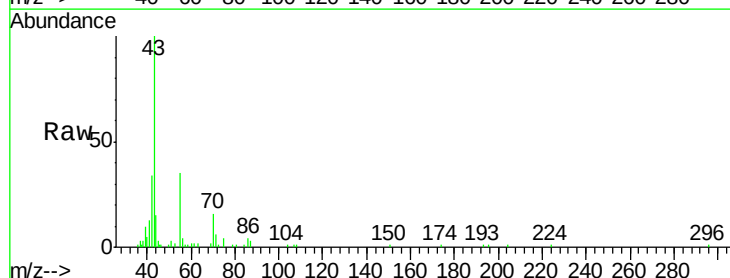
Ion Ratio Lower Upper

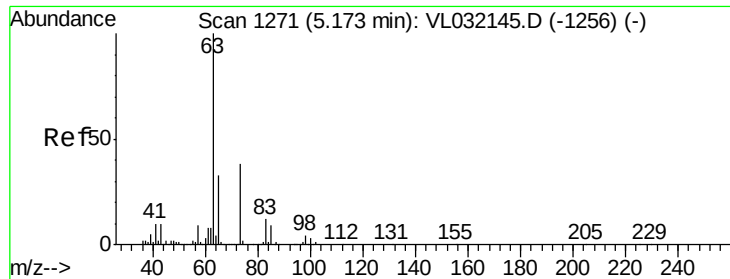
43 100

86 6.0 6.2 9.4#

42 33.9 6.9 10.3#

44 5.6 3.8 5.8

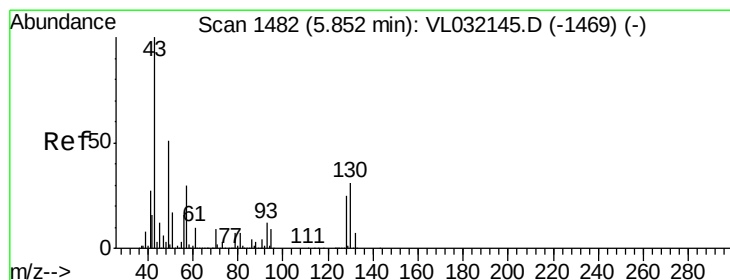
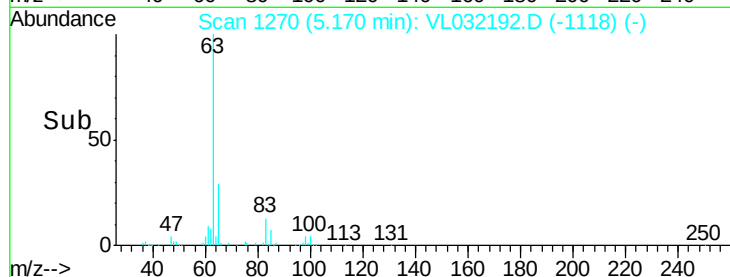
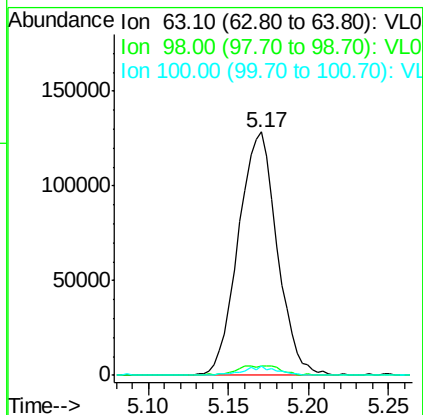
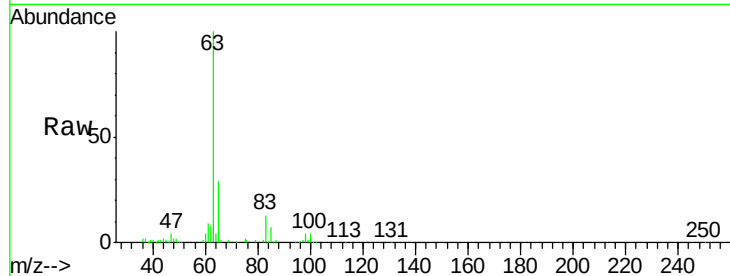




#24
 1,1-Dichloroethane
 Concen: 1.088 ppbv
 RT: 5.17 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

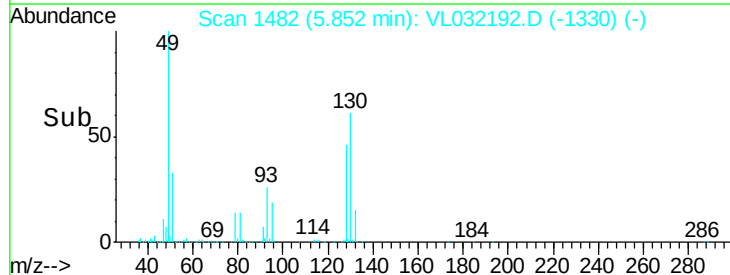
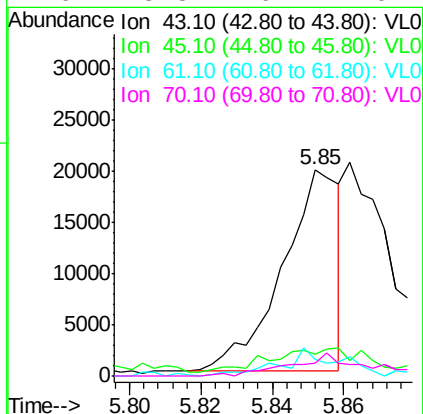
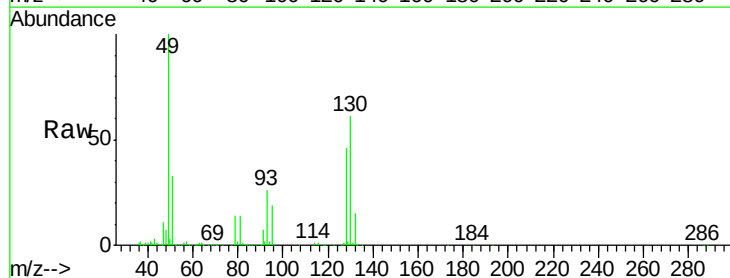
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

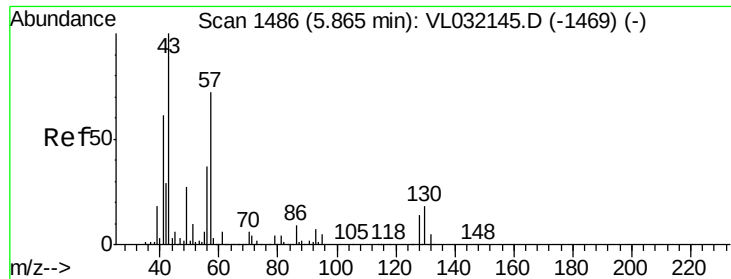
Tgt Ion: 63 Resp: 212596
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 3.9 1.7 5.0



#25
 Ethyl Acetate
 Concen: 0.062 ppbv
 RT: 5.85 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion: 43 Resp: 21550
 Ion Ratio Lower Upper
 43 100
 45 0.0 7.8 11.8#
 61 17.7 7.4 11.0#
 70 15.8 6.1 9.1#

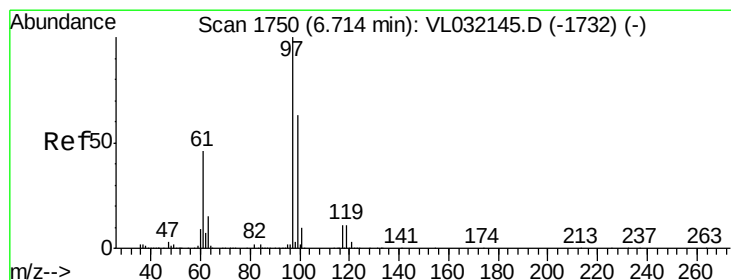
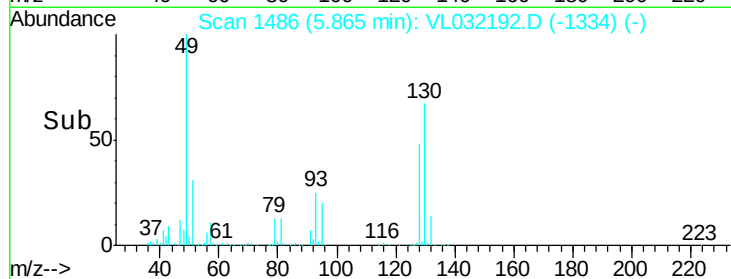
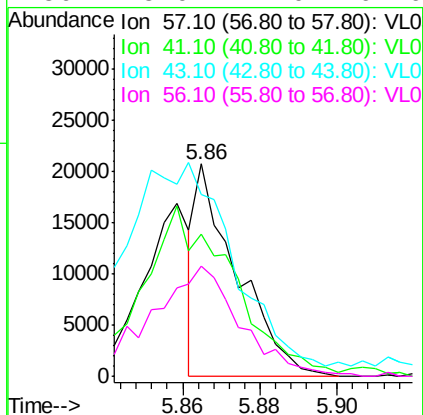
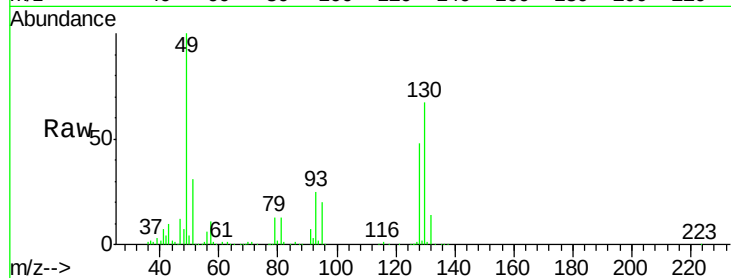




#26
Hexane
Concen: 0.095 ppbv
RT: 5.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

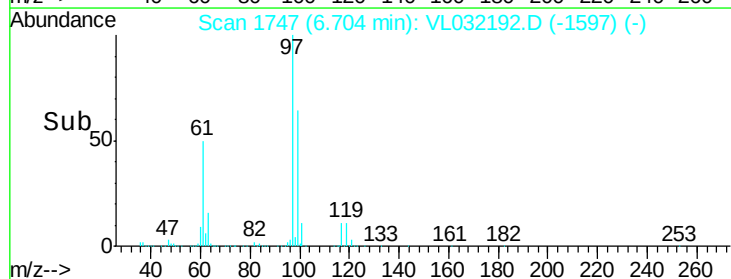
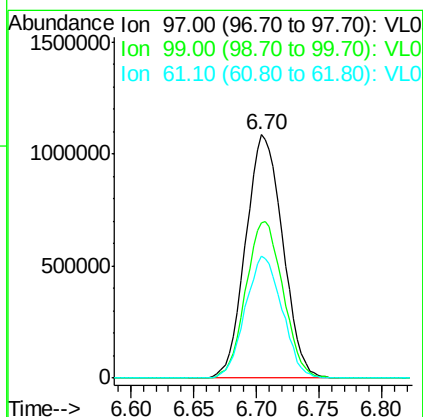
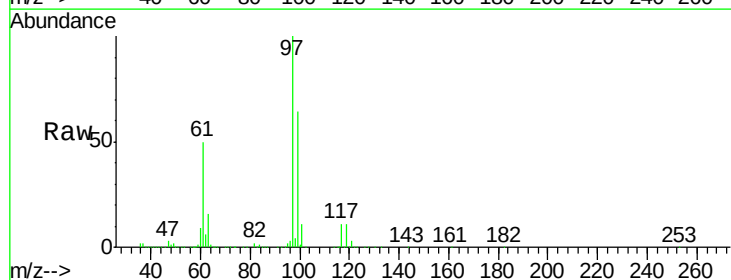
Instrument :
MSVOA_L
ClientSampleId :
MIDDLE

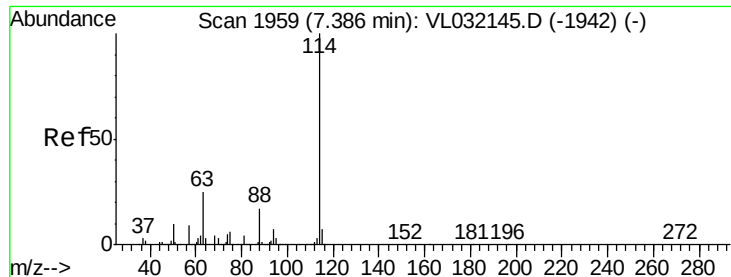
Tgt Ion: 57 Resp: 15221
Ion Ratio Lower Upper
57 100
41 0.0 68.6 103.0#
43 274.9 168.6 252.8#
56 115.0 41.0 61.6#



#32
1,1,1-Trichloroethane
Concen: 9.131 ppbv
RT: 6.70 min Scan# 1747
Delta R.T. -0.02 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

Tgt Ion: 97 Resp: 2231879
Ion Ratio Lower Upper
97 100
99 64.7 51.3 76.9
61 50.0 38.4 57.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.38 min Scan# 1958

Delta R.T. -0.02 min

Lab File: VL032192.D

Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

MIDDLE

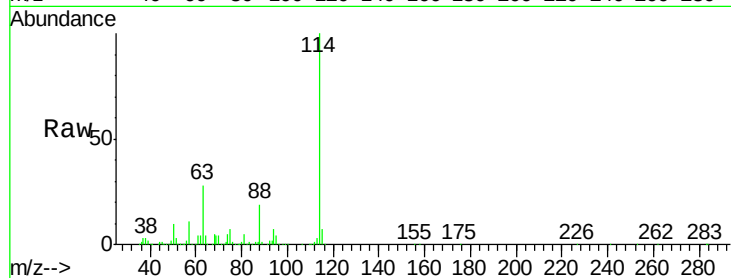
Tgt Ion:114 Resp: 3697407

Ion Ratio Lower Upper

114 100

63 27.0 19.1 28.7

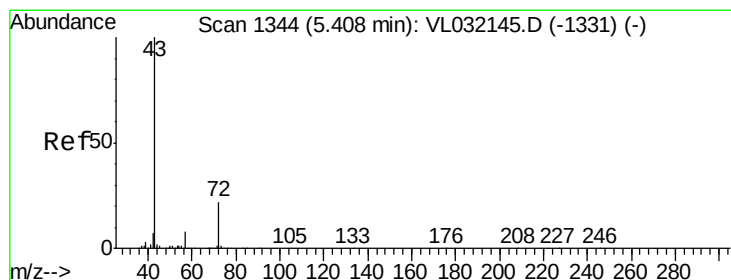
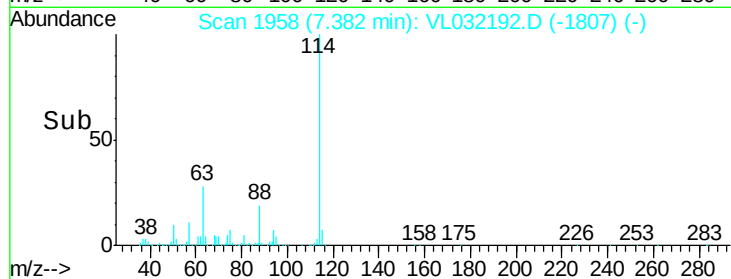
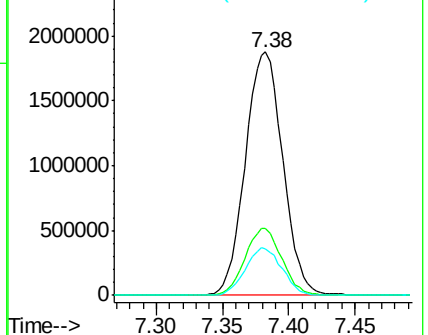
88 19.3 13.9 20.9



Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#34

2-Butanone

Concen: 0.552 ppbv

RT: 5.41 min Scan# 1346

Delta R.T. -0.01 min

Lab File: VL032192.D

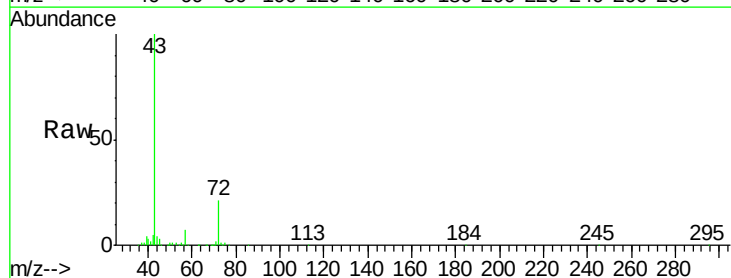
Acq: 2 Jul 2018 21:46

Tgt Ion: 43 Resp: 129641

Ion Ratio Lower Upper

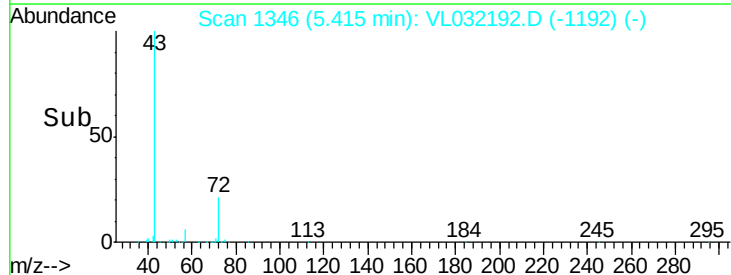
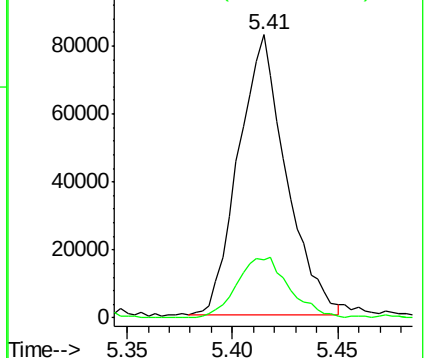
43 100

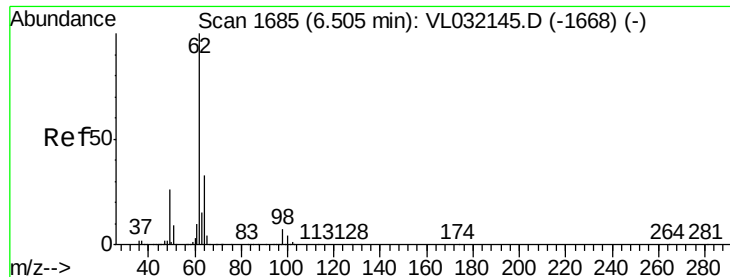
72 24.1 18.4 27.6



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

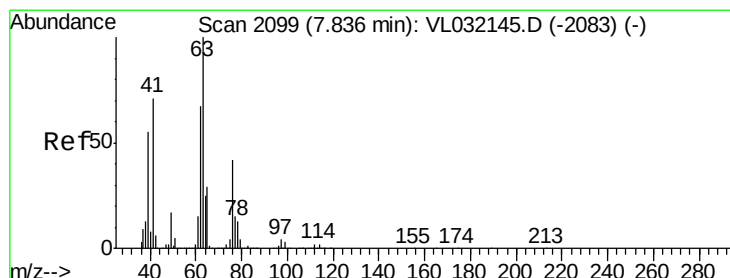
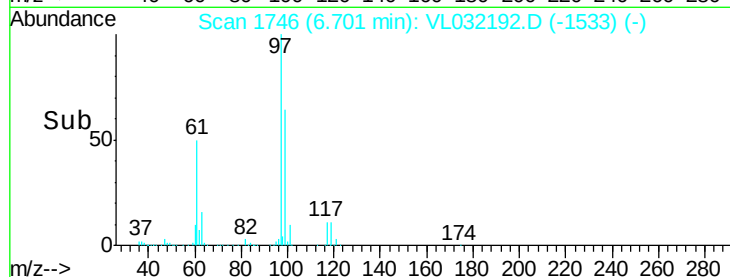
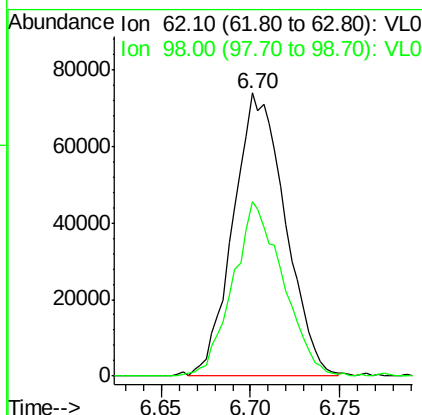
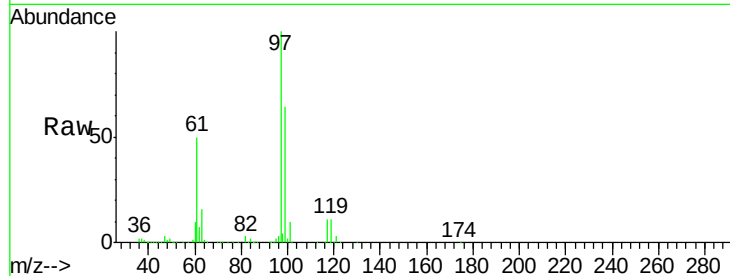




#37
 1,2-Dichloroethane
 Concen: 0.844 ppbv
 RT: 6.70 min Scan# 1746
 Delta R.T. 0.18 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

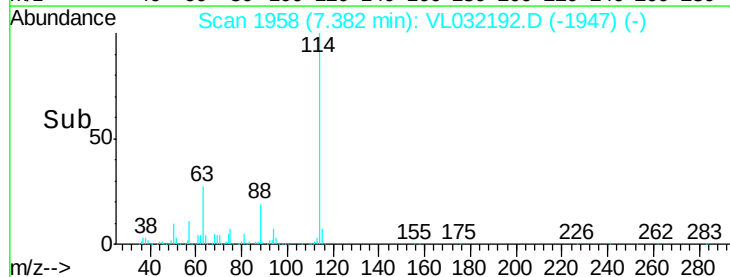
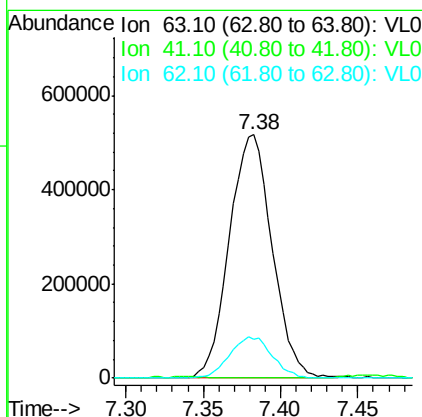
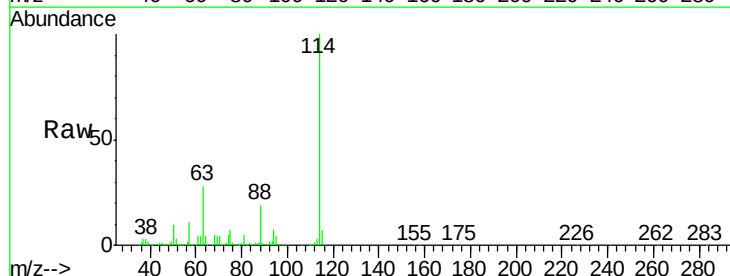
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

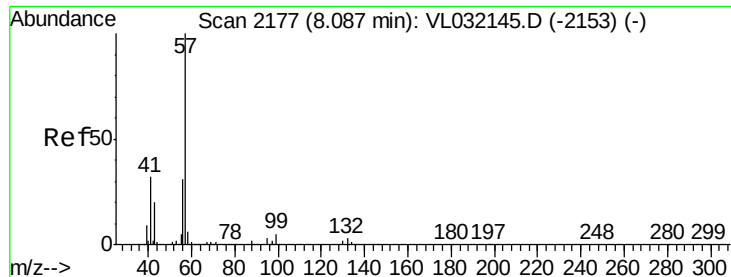
Tgt Ion: 62 Resp: 150428
 Ion Ratio Lower Upper
 62 100
 98 59.4 5.8 8.6#



#39
 1,2-Dichloropropane
 Concen: 6.963 ppbv
 RT: 7.38 min Scan# 1958
 Delta R.T. -0.47 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion: 63 Resp: 982743
 Ion Ratio Lower Upper
 63 100
 41 0.0 53.3 79.9#
 62 16.0 54.8 82.2#

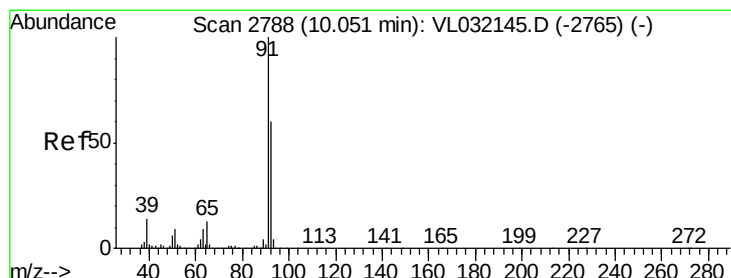
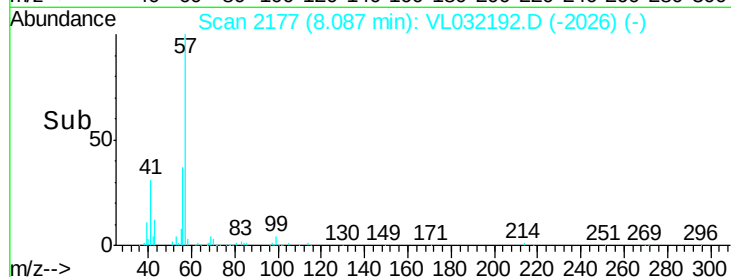
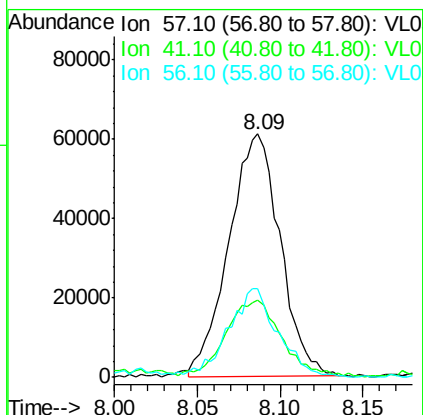
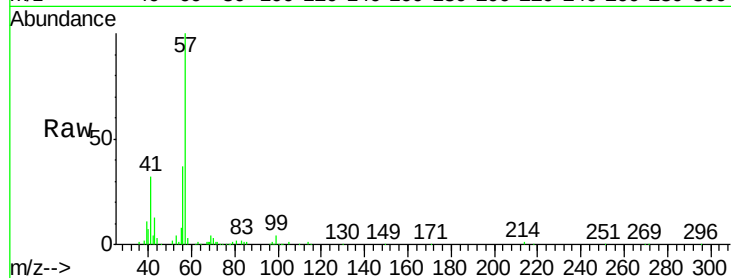




#44
 2,2,4-Trimethylpentane
 Concen: 0.210 ppbv
 RT: 8.09 min Scan# 2177
 Delta R.T. -0.02 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

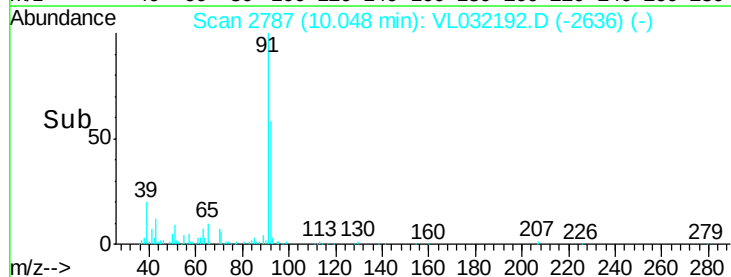
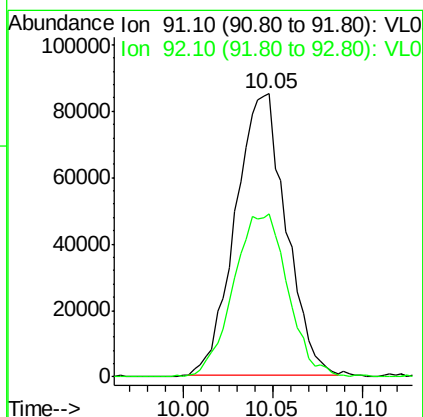
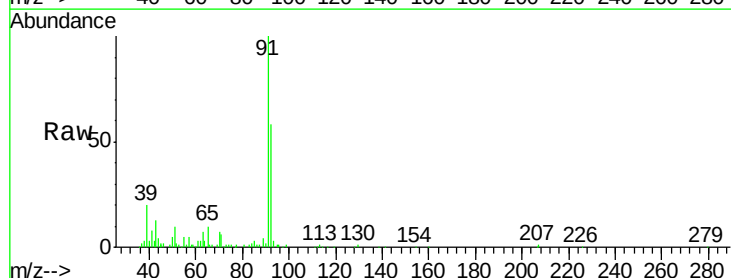
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

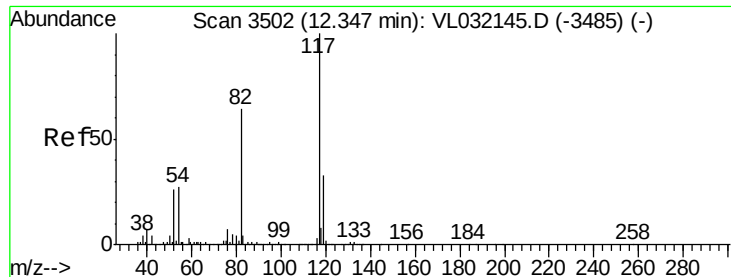
Tgt Ion: 57 Resp: 131495
 Ion Ratio Lower Upper
 57 100
 41 35.3 24.3 36.5
 56 38.9 25.1 37.7#



#53
 Toluene
 Concen: 0.390 ppbv
 RT: 10.05 min Scan# 2787
 Delta R.T. -0.02 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion: 91 Resp: 168617
 Ion Ratio Lower Upper
 91 100
 92 62.1 49.2 73.8

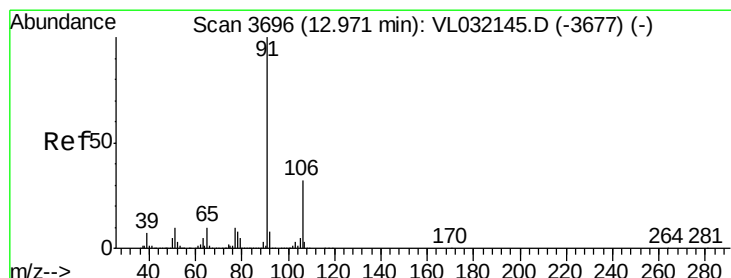
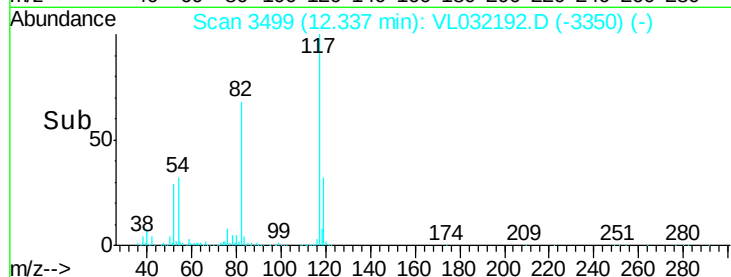
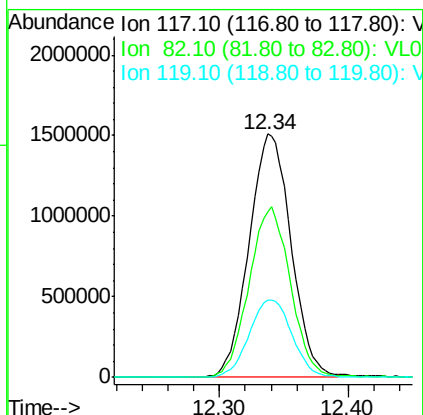
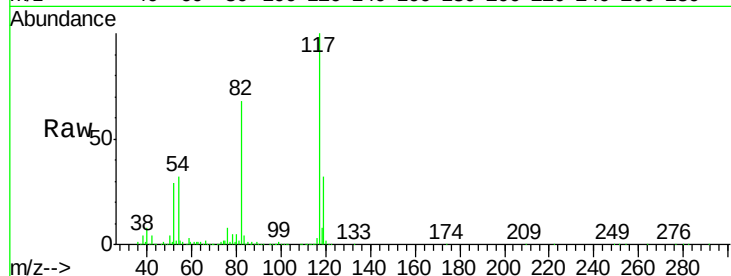




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.34 min Scan# 3499
Delta R.T. -0.02 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

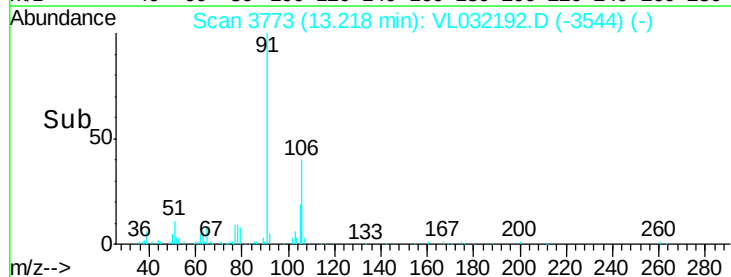
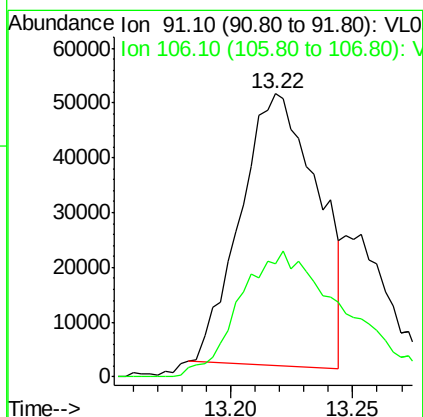
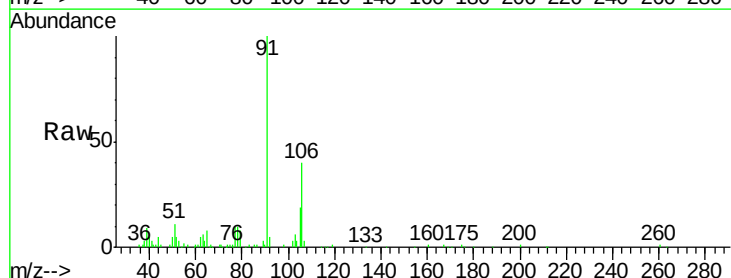
Instrument :
MSVOA_L
ClientSampleId :
MIDDLE

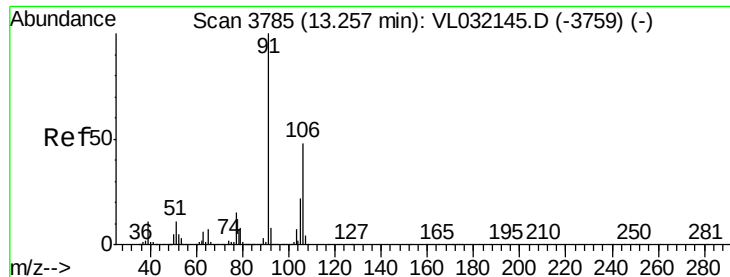
Tgt Ion: 117 Resp: 3427429
Ion Ratio Lower Upper
117 100
82 69.9 47.8 71.8
119 32.6 43.3 64.9#



#58
Ethyl Benzene
Concen: 0.197 ppbv
RT: 13.22 min Scan# 3773
Delta R.T. 0.23 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

Tgt Ion: 91 Resp: 108770
Ion Ratio Lower Upper
91 100
106 38.7 26.5 39.7

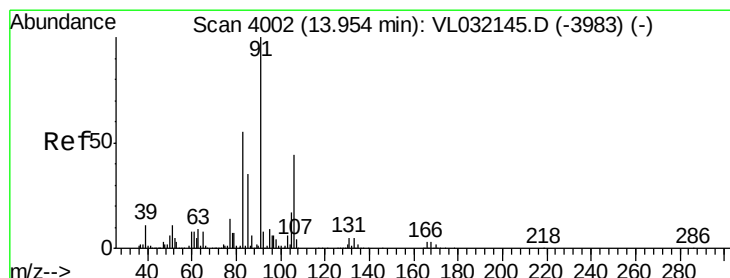
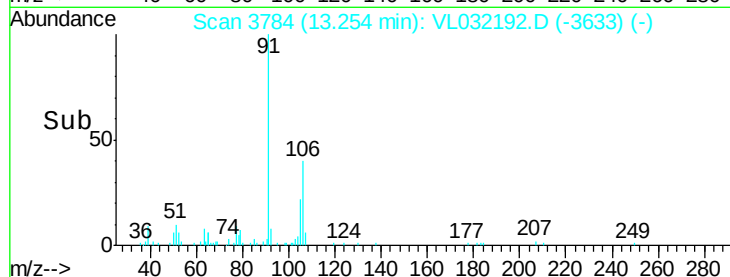
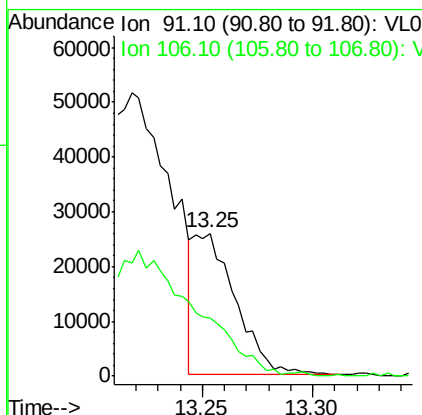
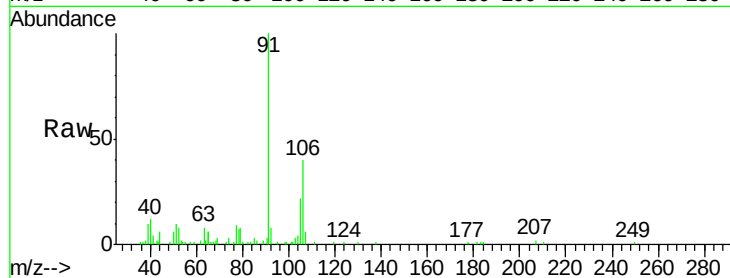




#59
m/p-Xylene
Concen: 0.076 ppbv
RT: 13.25 min Scan# 3784
Delta R.T. -0.02 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

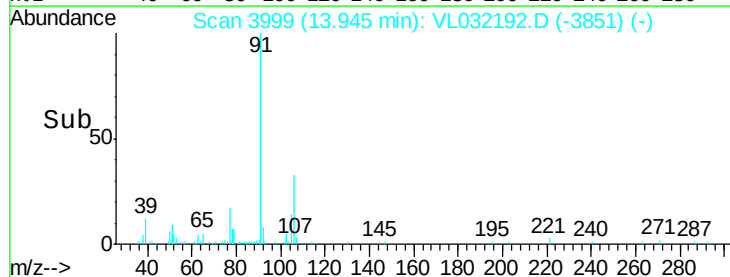
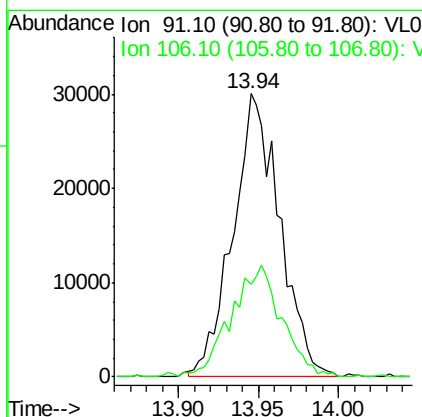
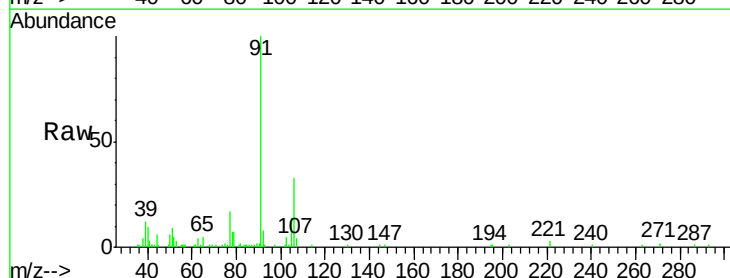
Instrument :
MSVOA_L
ClientSampled :
MIDDLE

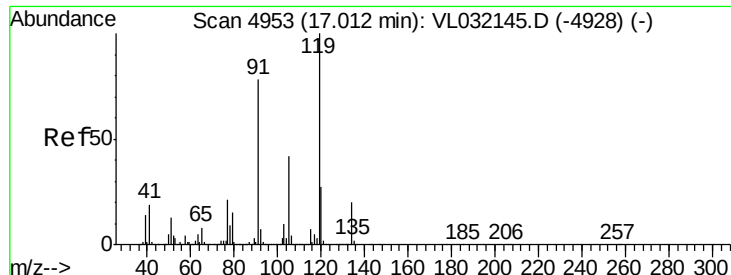
Tgt Ion: 91 Resp: 33744
Ion Ratio Lower Upper
91 100
106 0.0 38.6 58.0#



#60
o-Xylene
Concen: 0.136 ppbv
RT: 13.94 min Scan# 3999
Delta R.T. -0.03 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

Tgt Ion: 91 Resp: 60058
Ion Ratio Lower Upper
91 100
106 43.0 23.3 69.8

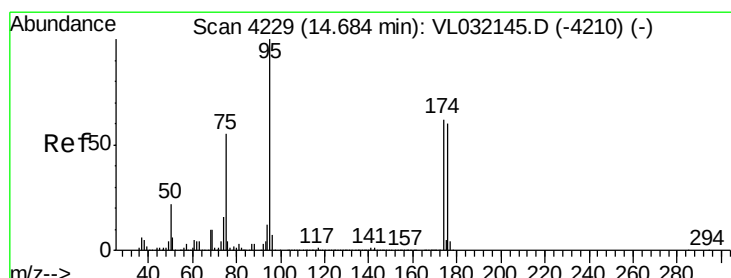
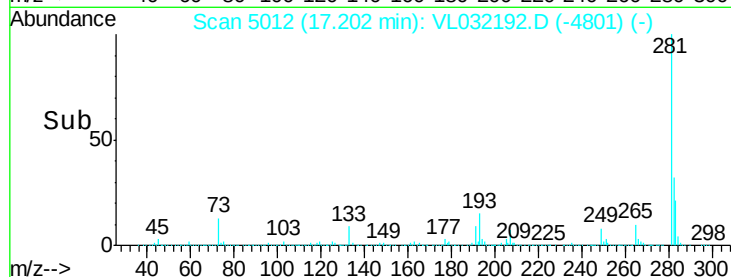
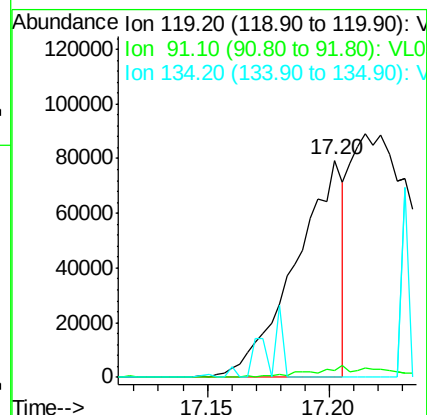
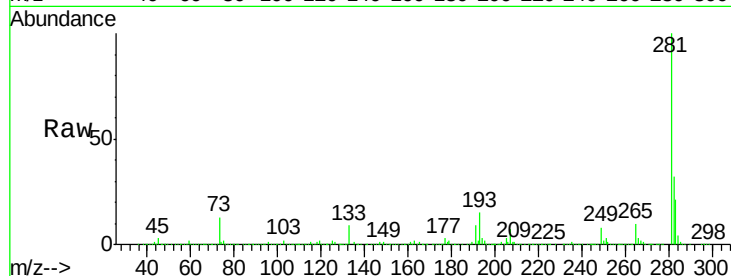




#65
 tert-Butylbenzene
 Concen: 0.181 ppbv
 RT: 17.20 min Scan# 5012
 Delta R.T. 0.18 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

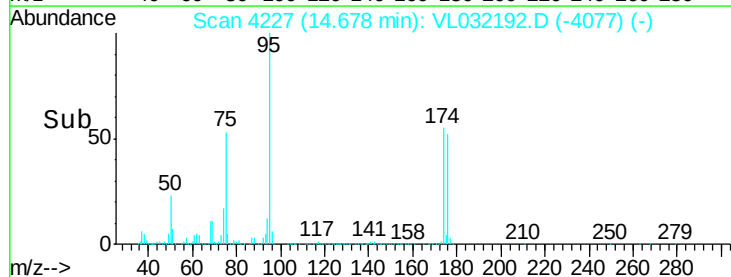
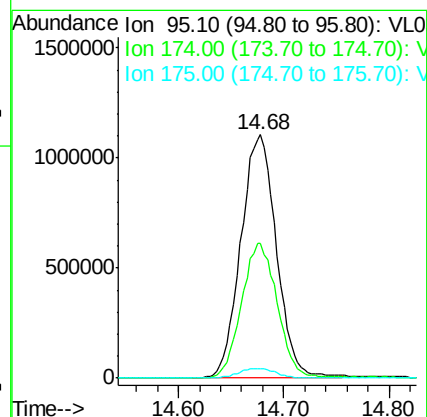
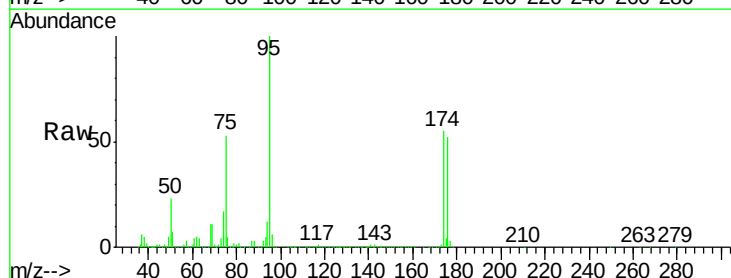
Instrument :
 MSVOA_L
 ClientSampleId :
 MIDDLE

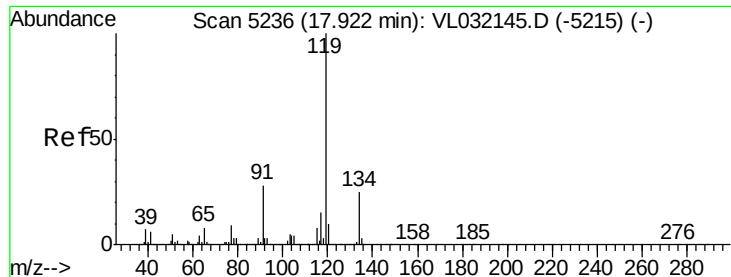
Tgt Ion: 119 Resp: 108028
 Ion Ratio Lower Upper
 119 100
 91 9.4 62.2 93.2#
 134 10.8 16.2 24.2#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.905 ppbv
 RT: 14.68 min Scan# 4227
 Delta R.T. -0.02 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion: 95 Resp: 2594996
 Ion Ratio Lower Upper
 95 100
 174 56.1 52.1 78.1
 175 4.1 4.0 6.0

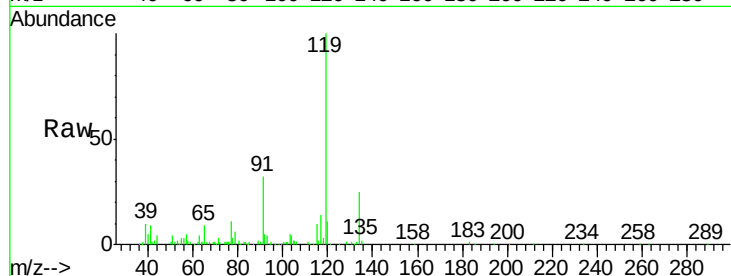




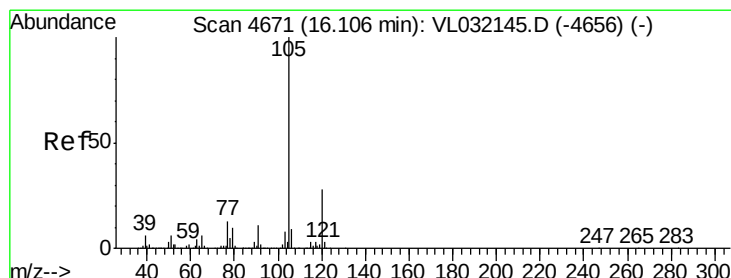
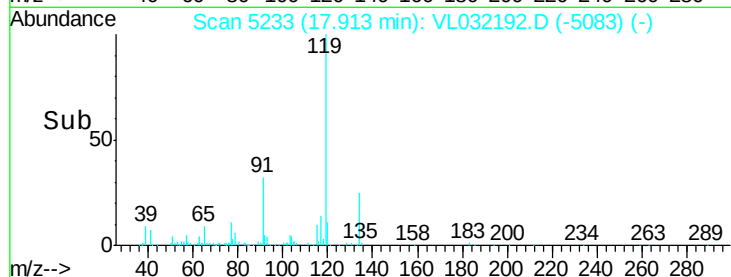
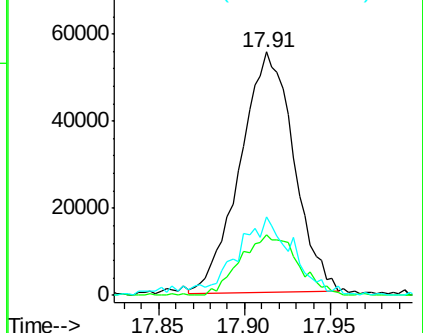
#69
p-Isopropyltoluene
Concen: 0.171 ppbv
RT: 17.91 min Scan# 5233
Delta R.T. -0.02 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

Instrument :
MSVOA_L
ClientSampleId :
MIDDLE

Tgt Ion:119 Resp: 120035
Ion Ratio Lower Upper
119 100
134 27.1 20.7 31.1
91 36.1 21.8 32.8#

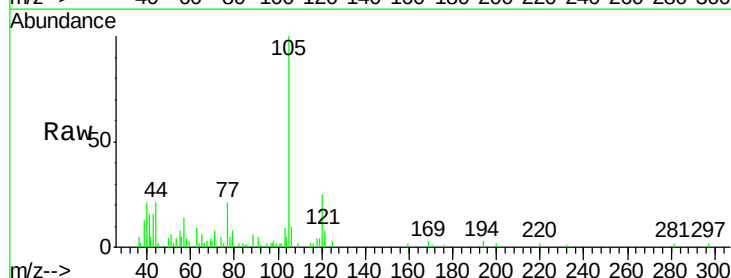


Abundance Ion 119.10 (118.80 to 119.80): V
Ion 134.20 (133.90 to 134.90): V
Ion 91.10 (90.80 to 91.80): V

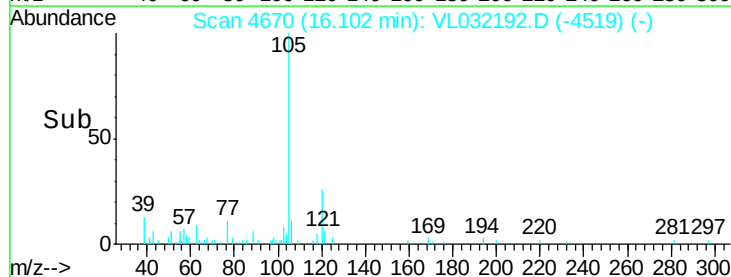
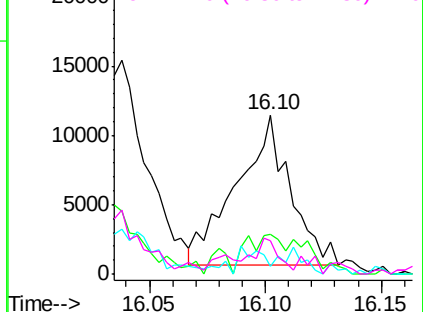


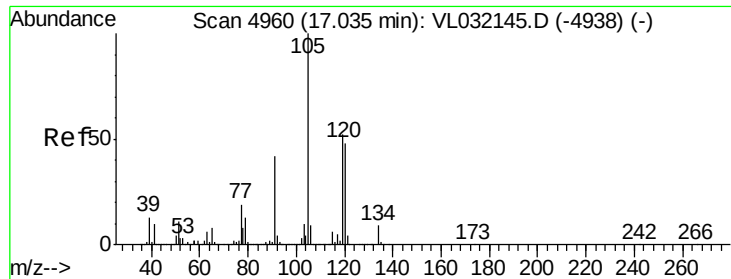
#72
4-Ethyltoluene
Concen: 0.031 ppbv
RT: 16.10 min Scan# 4670
Delta R.T. -0.02 min
Lab File: VL032192.D
Acq: 2 Jul 2018 21:46

Tgt Ion:105 Resp: 17416
Ion Ratio Lower Upper
105 100
120 35.0 24.3 36.5
91 9.6 9.4 14.0
77 23.4 10.2 15.2#



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): V
Ion 77.10 (76.80 to 77.80): V

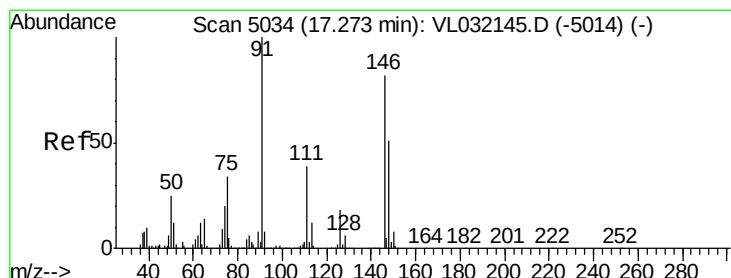
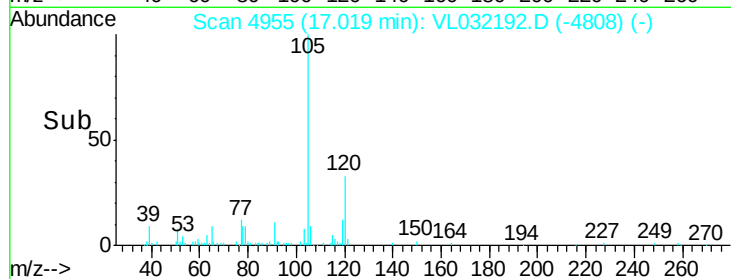
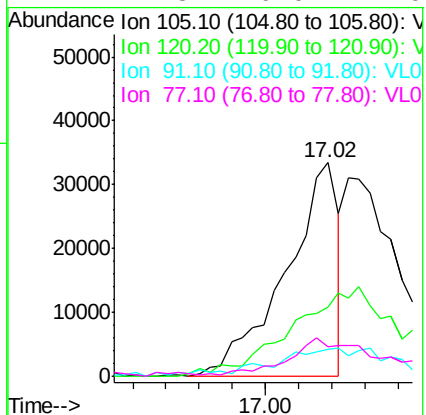
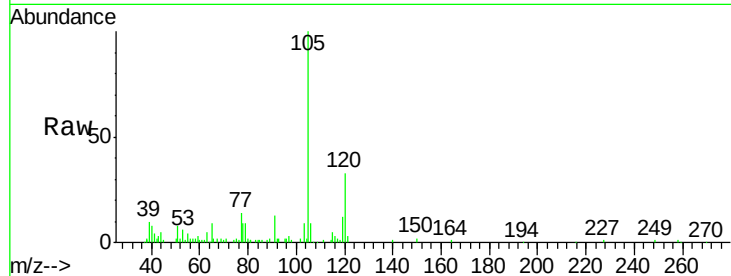




#74
 1,2,4-Trimethylbenzene
 Concen: 0.068 ppbv
 RT: 17.02 min Scan# 4955
 Delta R.T. -0.03 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

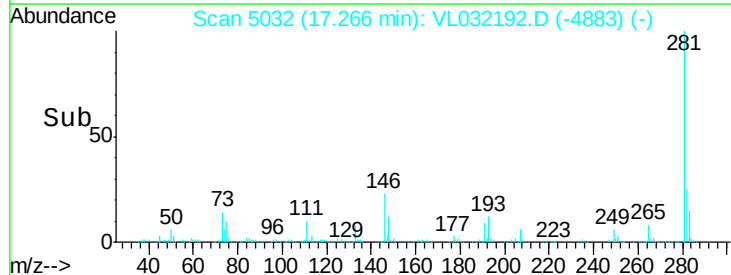
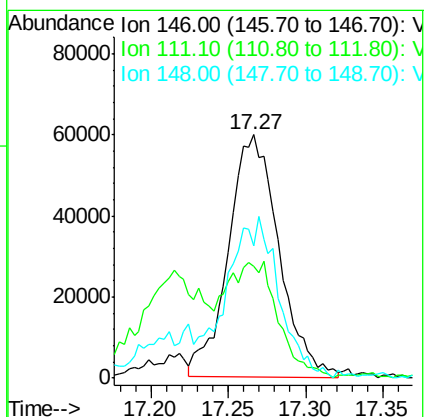
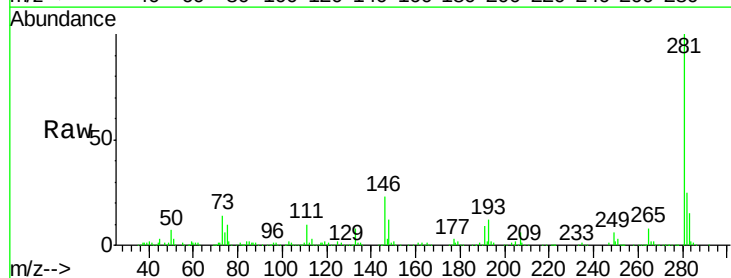
Instrument :
 MSVOA_L
 ClientSampled :
 MIDDLE

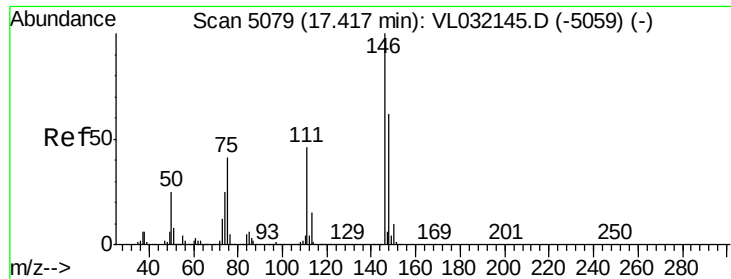
Tgt Ion:105 Resp: 36834
 Ion Ratio Lower Upper
 105 100
 120 31.5 38.8 58.2#
 91 11.4 33.6 50.4#
 77 12.8 16.0 24.0#



#75
 1,3-Dichlorobenzene
 Concen: 0.439 ppbv
 RT: 17.27 min Scan# 5032
 Delta R.T. -0.02 min
 Lab File: VL032192.D
 Acq: 2 Jul 2018 21:46

Tgt Ion:146 Resp: 135546
 Ion Ratio Lower Upper
 146 100
 111 50.4 22.9 68.8
 148 89.3 31.7 95.1





#76

1,4-Dichlorobenzene

Concen: 0.433 ppbv

RT: 17.27 min Scan# 5032

Delta R.T. -0.16 min

Lab File: VL032192.D

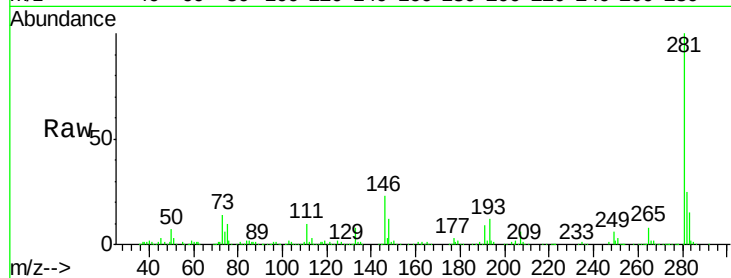
Acq: 2 Jul 2018 21:46

Instrument :

MSVOA_L

ClientSampleId :

MIDDL



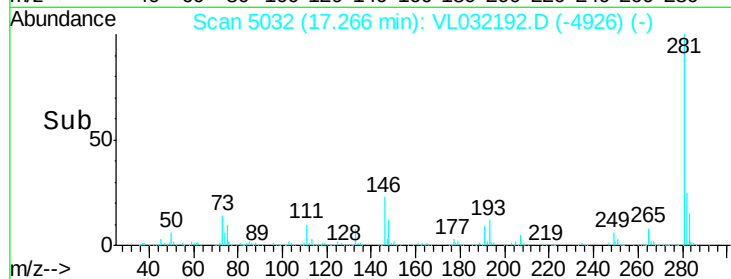
Tgt Ion:146 Resp: 135546

Ion Ratio Lower Upper

146 100

111 53.9 21.9 65.8

148 90.1 32.1 96.5



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

