

Data File : VL032762.D
Acq On : 14 Nov 2018 17:07
Operator : SY/AP
Sample : J5896-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Quant Time: Nov 15 04:56:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	1384323	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3423725	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	3132607	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	2275073	9.71	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

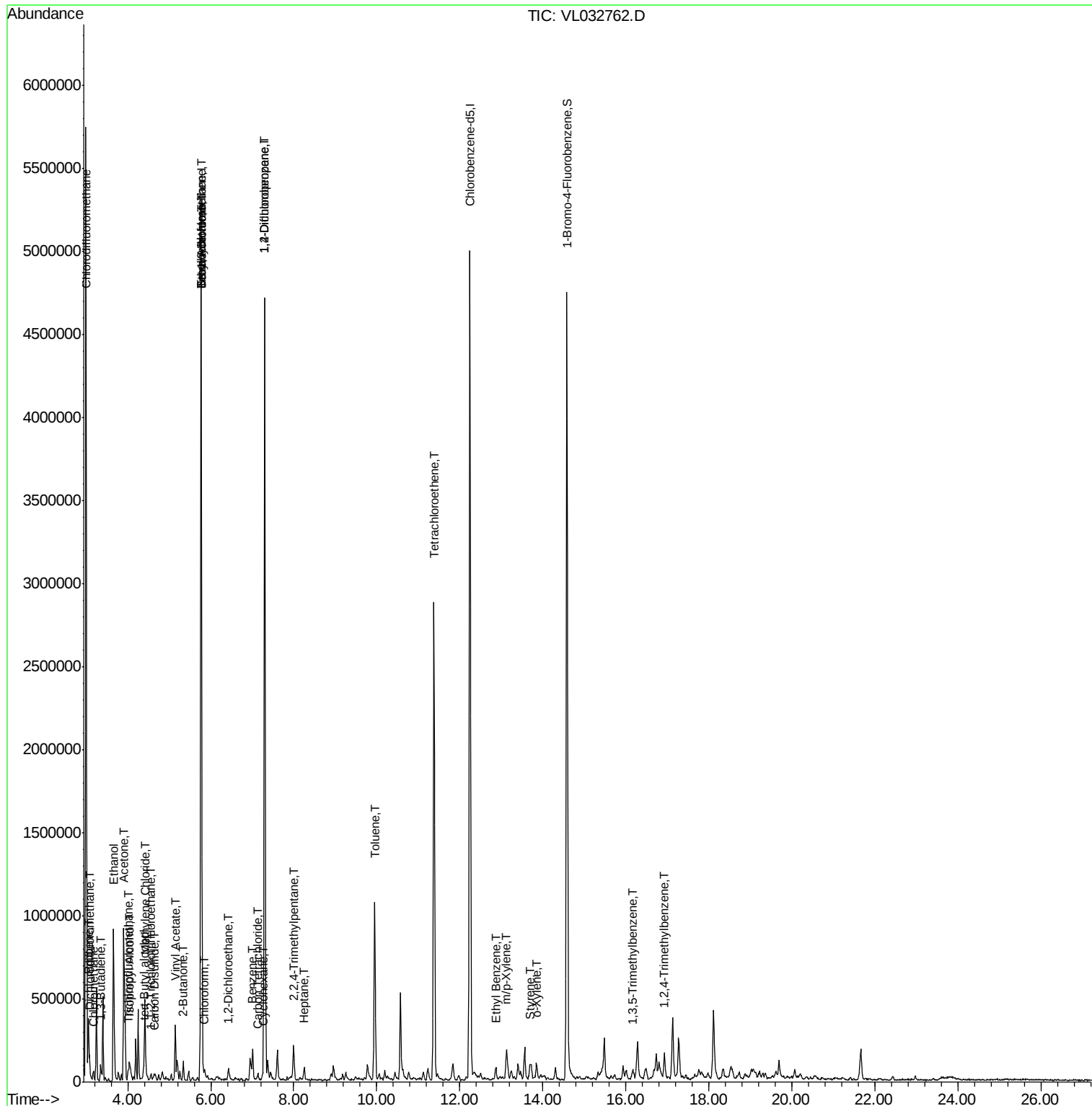
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.08	85	100560	0.505	ppbv	96
3) Chlorodifluoromethane	2.99	51	3393569	30.921	ppbv #	57
4) Chloromethane	3.17	50	38743	0.637	ppbv	98
9) Propene	3.05	41	98856	2.251	ppbv #	80
10) Heptane	8.24	43	8625	0.051	ppbv #	26
11) Trichlorofluoromethane	4.01	101	42965	0.229	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.56	101	6836	0.045	ppbv #	14
13) Ethanol	3.66	45	962724	66.923	ppbv	99
15) Acetone	3.90	43	1003629	7.939	ppbv	98
16) 1,3-Butadiene	3.34	39	36614	0.748	ppbv #	41
17) tert-Butyl alcohol	4.38	59	20287	0.512	ppbv #	73
19) Isopropyl Alcohol	4.04	45	128896	1.531	ppbv #	1
20) Methylene Chloride	4.41	84	156683	2.394	ppbv	93
23) Vinyl Acetate	5.15	43	150553	0.653	ppbv #	33
25) Ethyl Acetate	5.77	43	2371569	8.049	ppbv #	91
27) Carbon Disulfide	4.62	76	10749	0.065	ppbv #	1
29) Chloroform	5.85	83	15072	0.064	ppbv	97
30) Cyclohexane	7.25	84	5338	0.047	ppbv #	1
31) cis-1,2-Dichloroethene	5.77	61	301591	2.287	ppbv #	24
34) 2-Butanone	5.34	43	115761	0.652	ppbv	98
35) Carbon Tetrachloride	7.14	117	17548	0.064	ppbv #	87
36) Benzene	7.01	78	137684	0.505	ppbv	95
37) 1,2-Dichloroethane	6.42	62	10647	0.058	ppbv #	90
39) 1,2-Dichloropropane	7.30	63	845926	8.144	ppbv #	23
41) Tetrahydrofuran	5.77	42	229604	2.254	ppbv #	43
44) 2,2,4-Trimethylpentane	8.00	57	151539	0.333	ppbv #	84
52) Tetrachloroethene	11.38	164	674283	7.110	ppbv	97
53) Toluene	9.95	91	742001	2.609	ppbv	98
58) Ethyl Benzene	12.87	91	57064	0.151	ppbv	89
59) m/p-Xylene	13.13	91	140671	0.419	ppbv	89
60) o-Xylene	13.85	91	72582	0.215	ppbv	98
61) Styrene	13.69	104	38117	0.174	ppbv	95
73) 1,3,5-Trimethylbenzene	16.16	105	25224	0.070	ppbv #	75
74) 1,2,4-Trimethylbenzene	16.93	105	90349	0.233	ppbv #	61

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

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Quant Time: Nov 15 04:56:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL111418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov 14 07:00:23 2018
QLast Update : Wed Nov 14 07:00:23 2018
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.76 min Scan# 879

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampled :

IA1

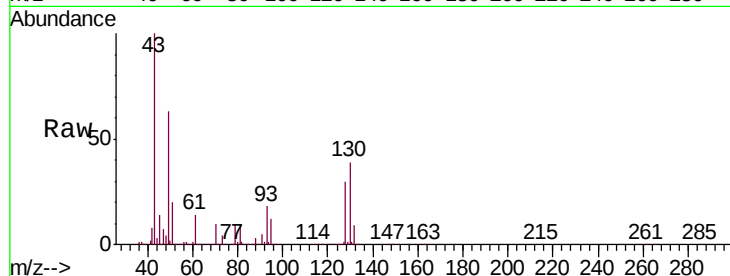
Tgt Ion: 49 Resp: 1384323

Ion Ratio Lower Upper

49 100

128 50.6 24.9 74.6

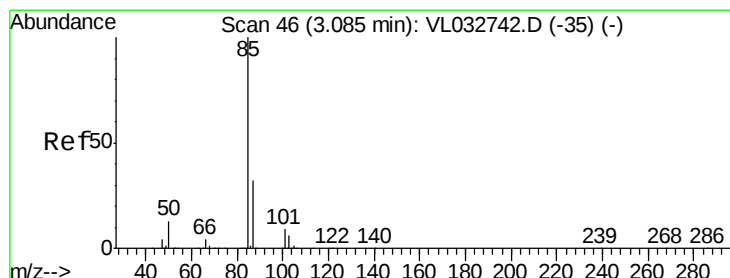
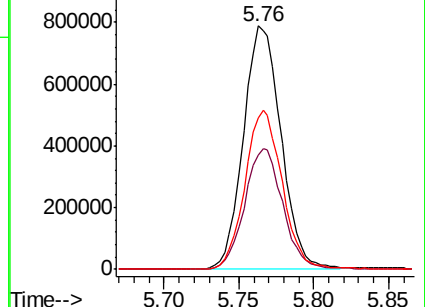
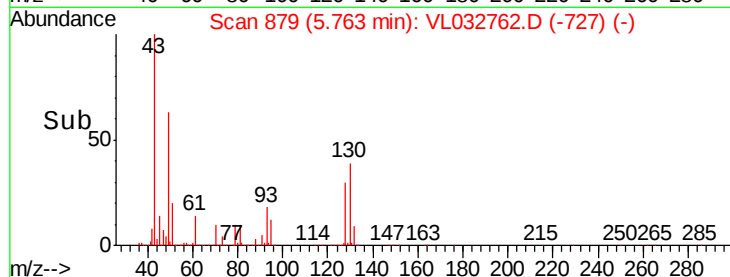
130 65.3 31.4 94.2



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: 0.505 ppbv

RT: 3.08 min Scan# 46

Delta R.T. -0.00 min

Lab File: VL032762.D

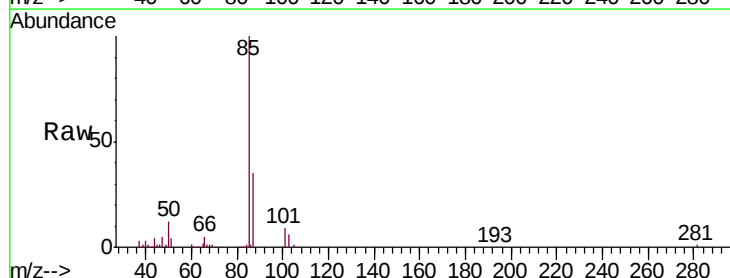
Acq: 14 Nov 2018 17:07

Tgt Ion: 85 Resp: 100560

Ion Ratio Lower Upper

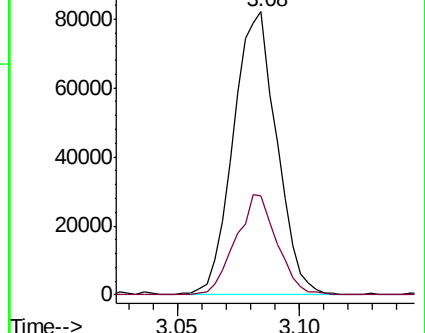
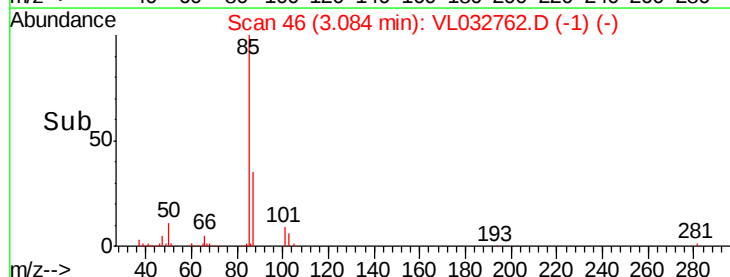
85 100

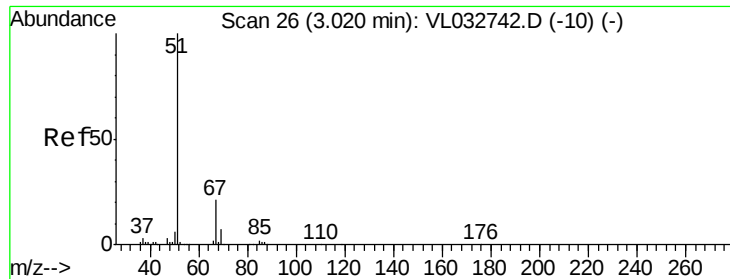
87 35.0 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

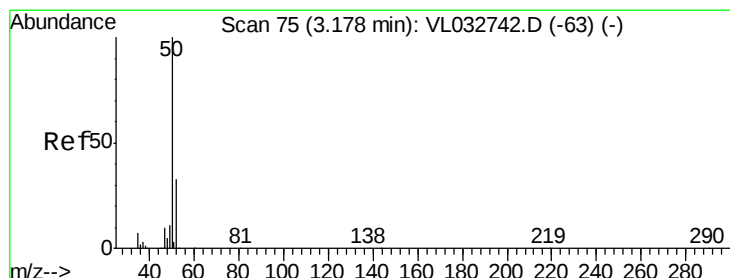
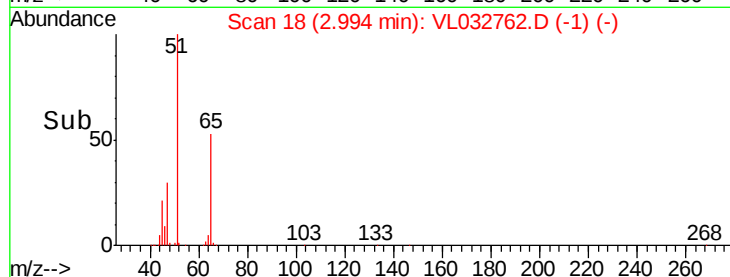
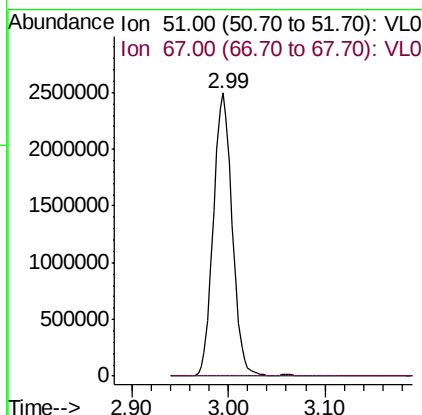
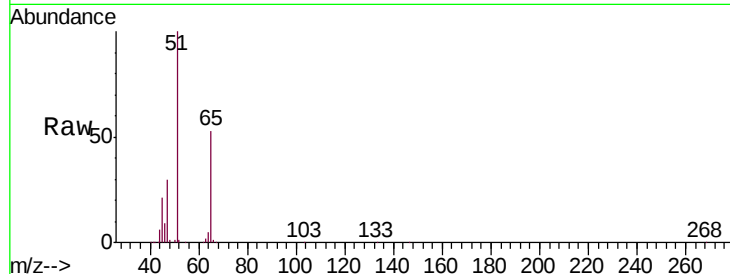




#3
 Chlorodifluoromethane
 Concen: 30.921 ppbv
 RT: 2.99 min Scan# 18
 Delta R.T. -0.03 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

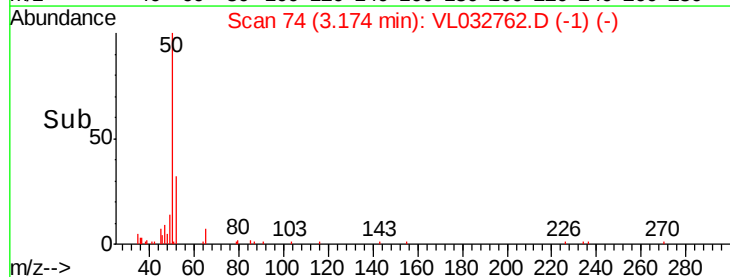
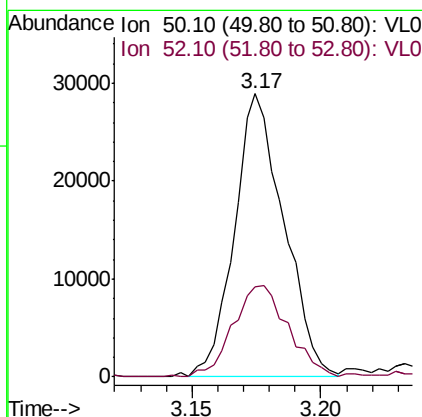
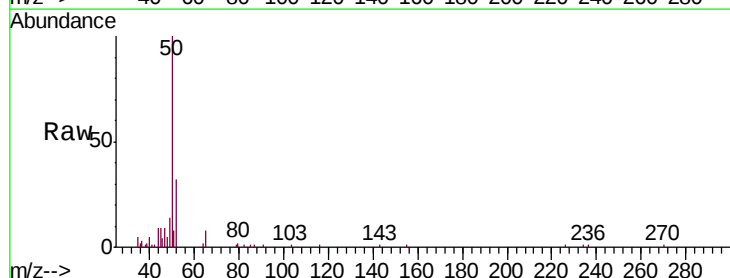
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

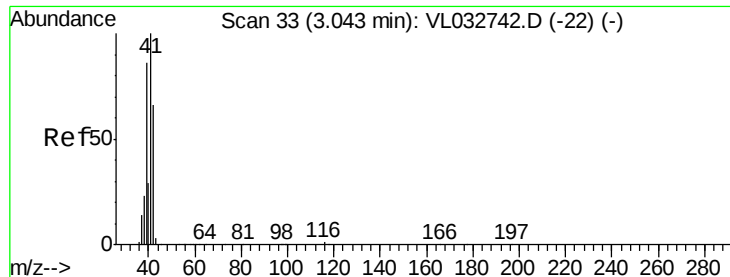
Tgt Ion: 51 Resp: 3393569
 Ion Ratio Lower Upper
 51 100
 67 0.3 16.1 24.1#



#4
 Chloromethane
 Concen: 0.637 ppbv
 RT: 3.17 min Scan# 74
 Delta R.T. -0.00 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

Tgt Ion: 50 Resp: 38743
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.6 40.0





#9

Propene

Concen: 2.251 ppbv

RT: 3.05 min Scan# 35

Delta R.T. 0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

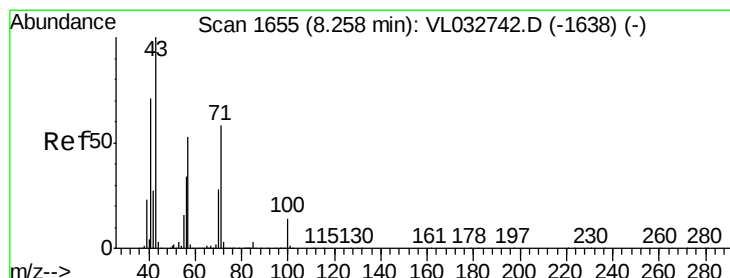
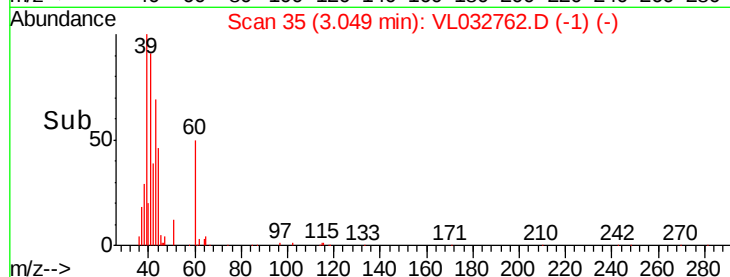
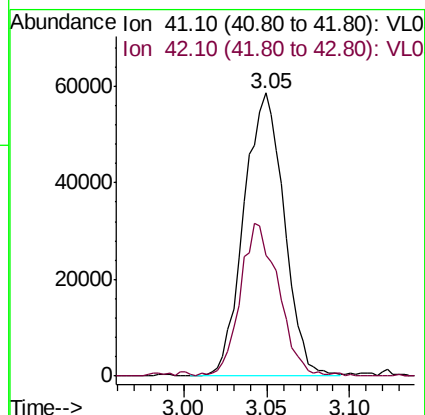
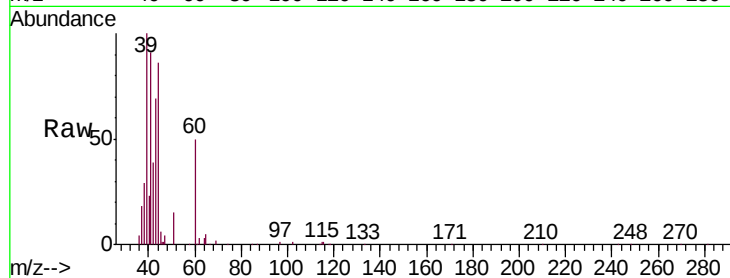
IA1

Tgt Ion: 41 Resp: 98856

Ion Ratio Lower Upper

41 100

42 52.7 55.0 82.6#



#10

Heptane

Concen: 0.051 ppbv

RT: 8.24 min Scan# 1650

Delta R.T. -0.02 min

Lab File: VL032762.D

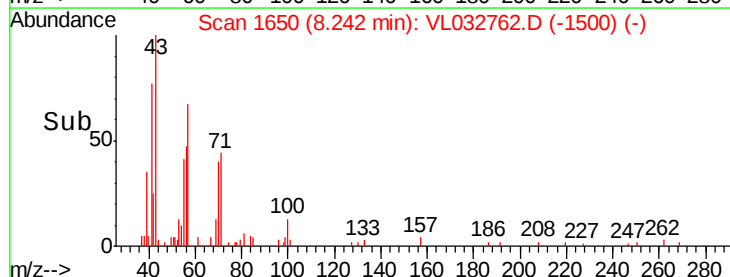
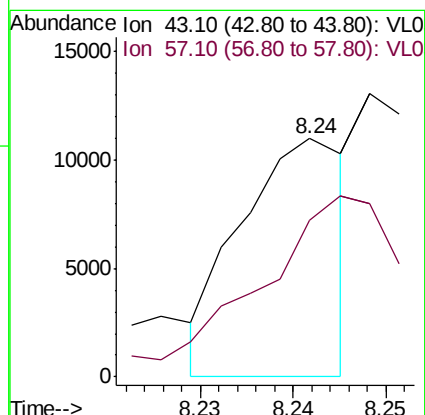
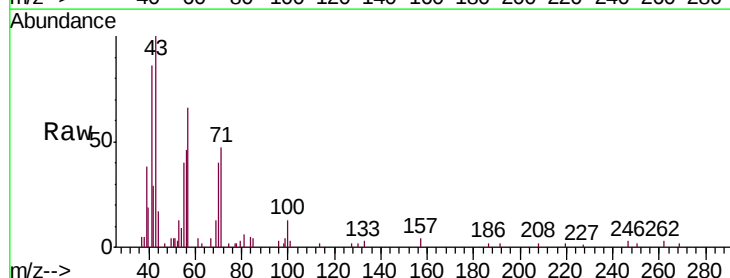
Acq: 14 Nov 2018 17:07

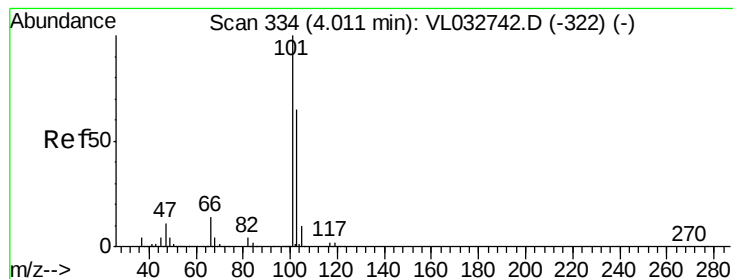
Tgt Ion: 43 Resp: 8625

Ion Ratio Lower Upper

43 100

57 0.0 41.8 62.8#





#11

Trichlorofluoromethane

Concen: 0.229 ppbv

RT: 4.01 min Scan# 335

Delta R.T. 0.00 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

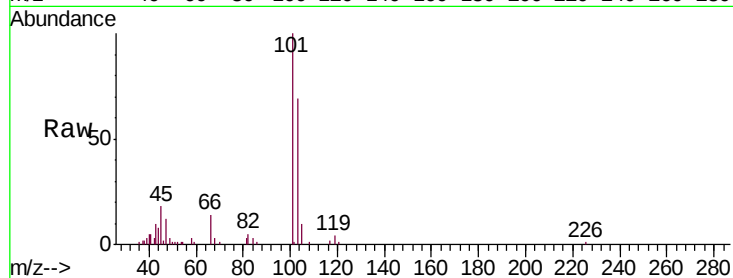
IA1

Tgt Ion:101 Resp: 42965

Ion Ratio Lower Upper

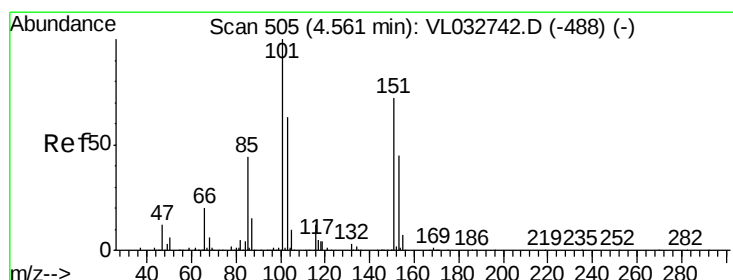
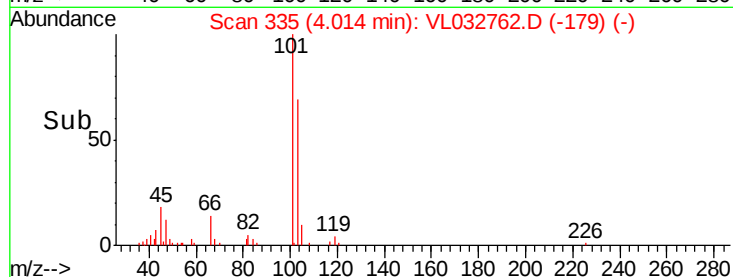
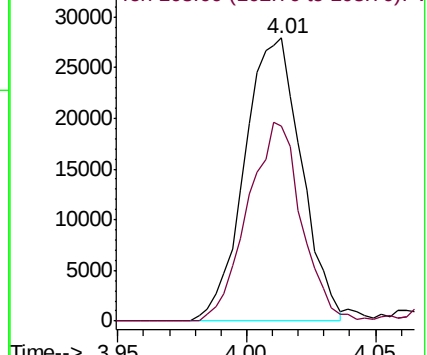
101 100

103 68.8 51.6 77.4



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: 0.045 ppbv

RT: 4.56 min Scan# 504

Delta R.T. -0.00 min

Lab File: VL032762.D

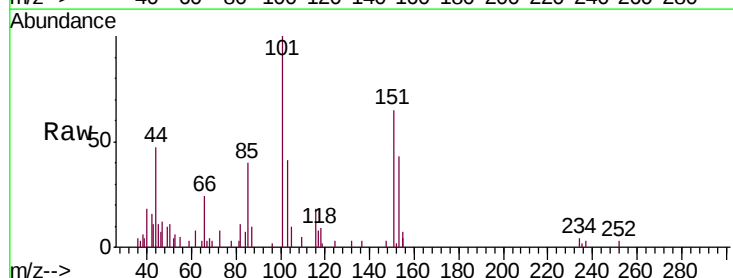
Acq: 14 Nov 2018 17:07

Tgt Ion:101 Resp: 6836

Ion Ratio Lower Upper

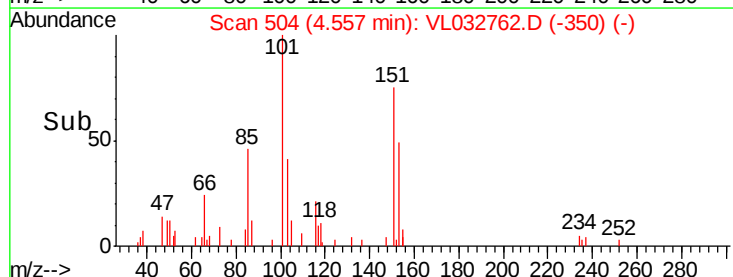
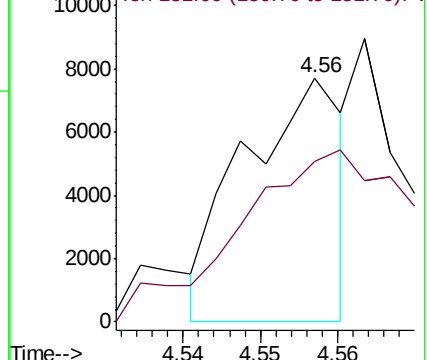
101 100

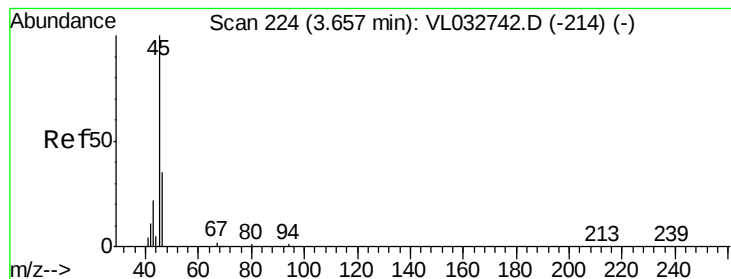
151 0.0 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V





#13

Ethanol

Concen: 66.923 ppbv

RT: 3.66 min Scan# 224

Delta R.T. -0.00 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampled :

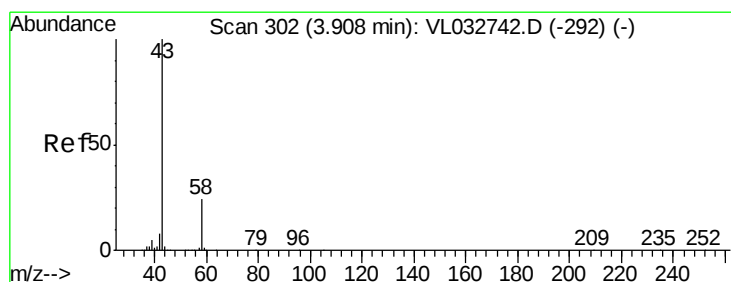
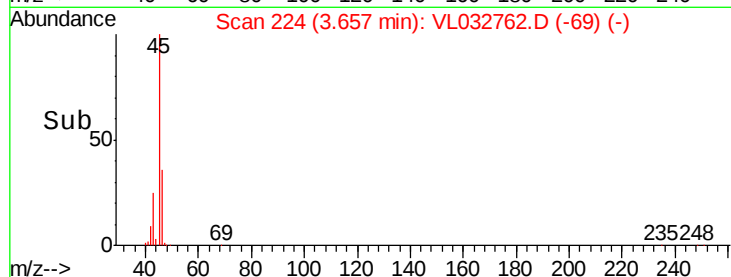
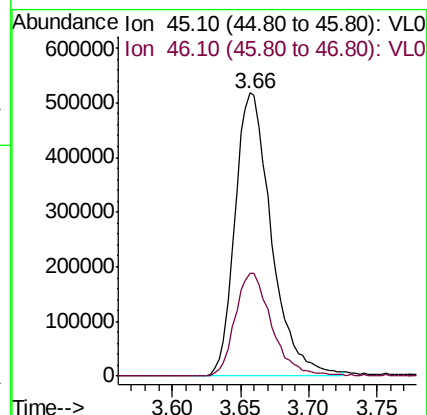
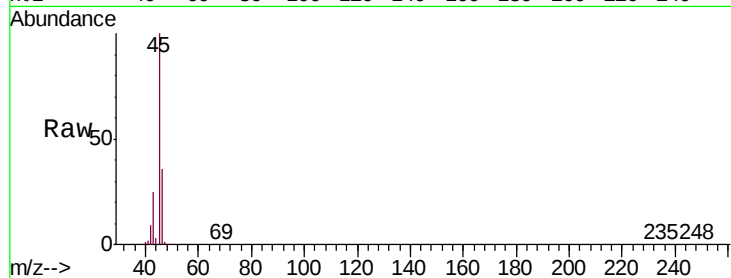
IA1

Tgt Ion: 45 Resp: 962724

Ion Ratio Lower Upper

45 100

46 36.9 14.5 57.9



#15

Acetone

Concen: 7.939 ppbv

RT: 3.90 min Scan# 301

Delta R.T. -0.00 min

Lab File: VL032762.D

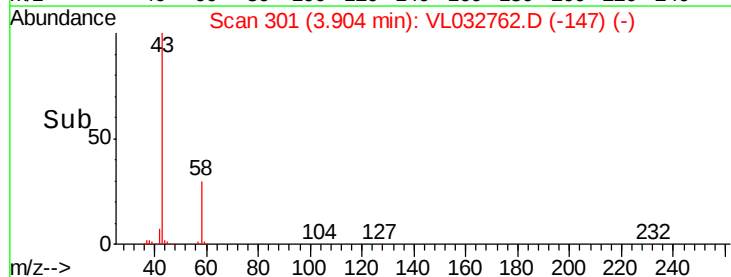
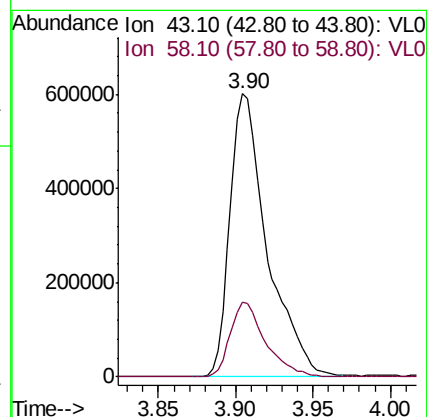
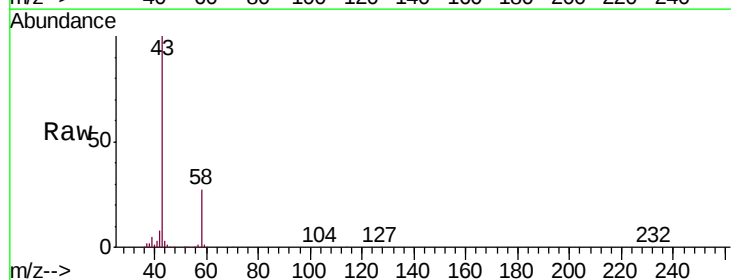
Acq: 14 Nov 2018 17:07

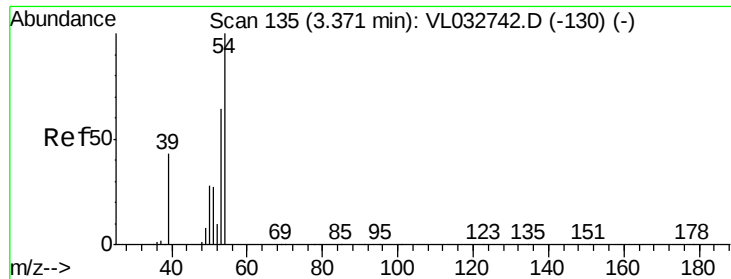
Tgt Ion: 43 Resp: 1003629

Ion Ratio Lower Upper

43 100

58 25.3 21.1 31.7

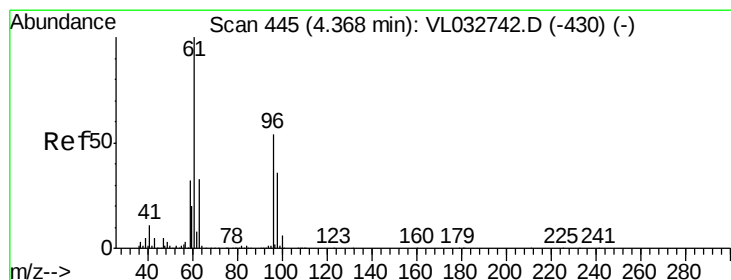
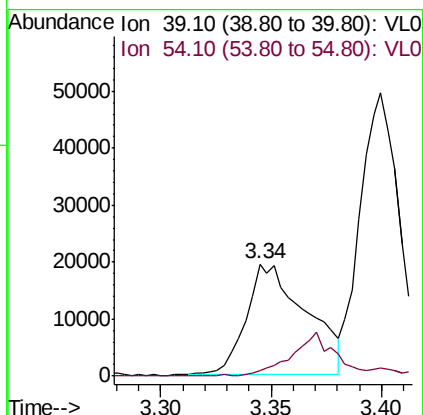
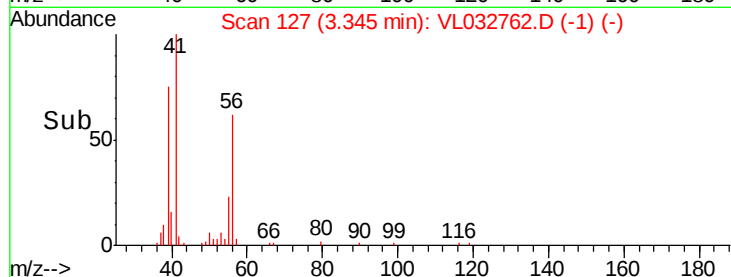
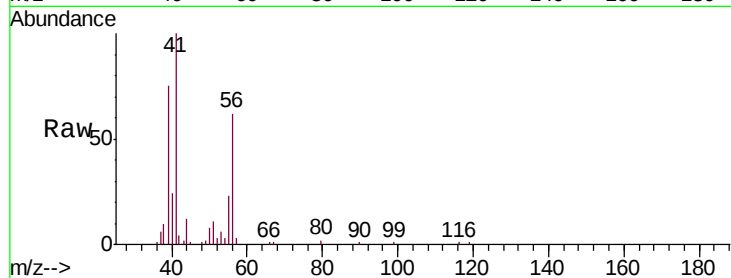




#16
1,3-Butadiene
Concen: 0.748 ppbv
RT: 3.34 min Scan# 127
Delta R.T. -0.03 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

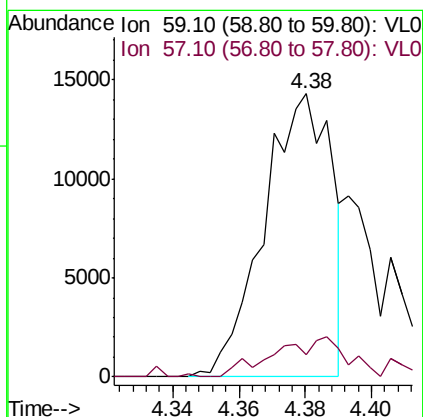
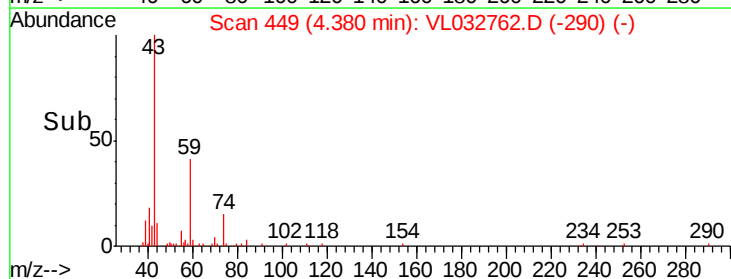
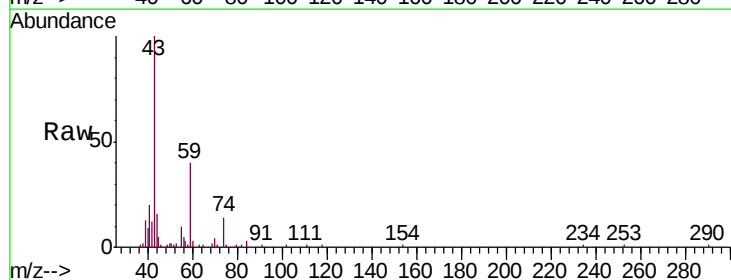
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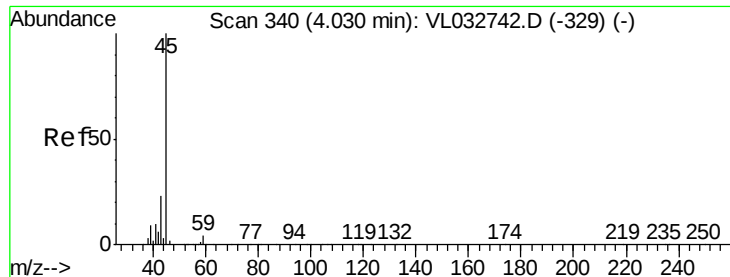
Tgt Ion: 39 Resp: 36614
Ion Ratio Lower Upper
39 100
54 32.1 68.9 103.3#



#17
tert-Butyl alcohol
Concen: 0.512 ppbv
RT: 4.38 min Scan# 449
Delta R.T. 0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

Tgt Ion: 59 Resp: 20287
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#19

Isopropyl Alcohol

Concen: 1.531 ppbv

RT: 4.04 min Scan# 342

Delta R.T. 0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

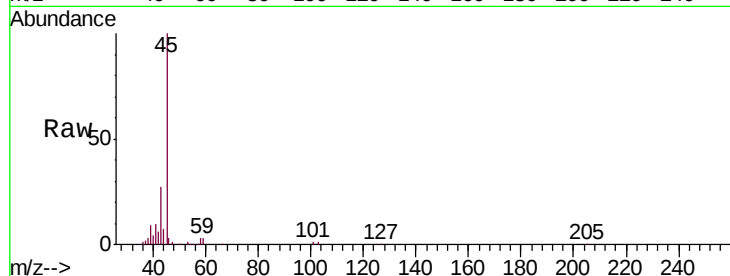
IA1

Tgt Ion: 45 Resp: 128896

Ion Ratio Lower Upper

45 100

58 195.6 1.4 2.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

80000

60000

40000

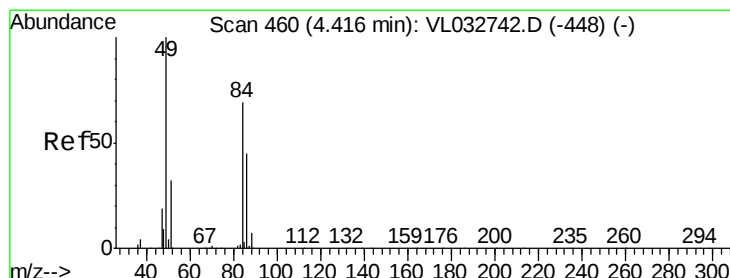
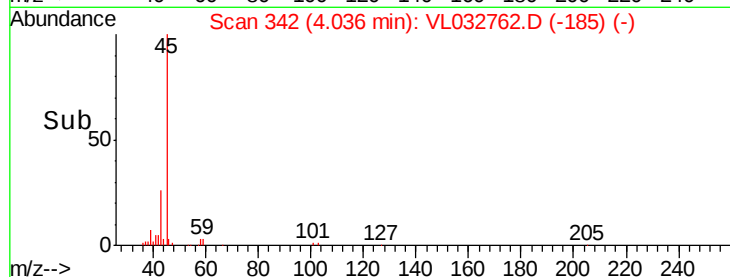
20000

0

Time-->

4.00

4.05



#20

Methylene Chloride

Concen: 2.394 ppbv

RT: 4.41 min Scan# 458

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Tgt Ion: 84 Resp: 156683

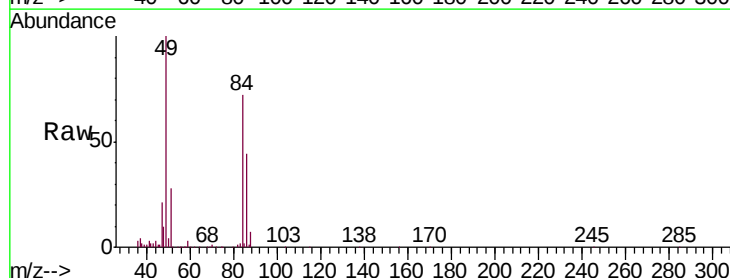
Ion Ratio Lower Upper

84 100

49 138.0 115.8 173.6

51 38.6 36.9 55.3

86 59.5 52.4 78.6



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

200000

150000

100000

50000

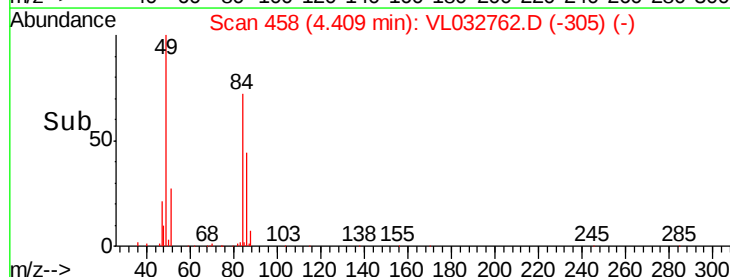
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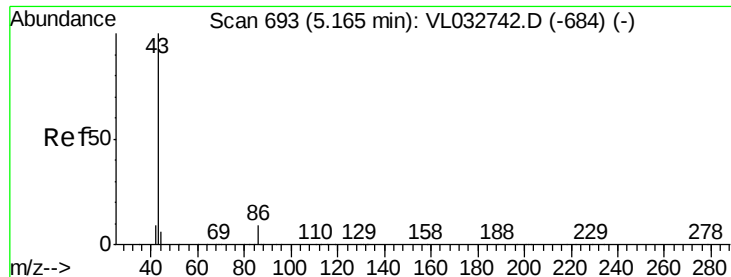
Time-->

4.35

4.40

4.45

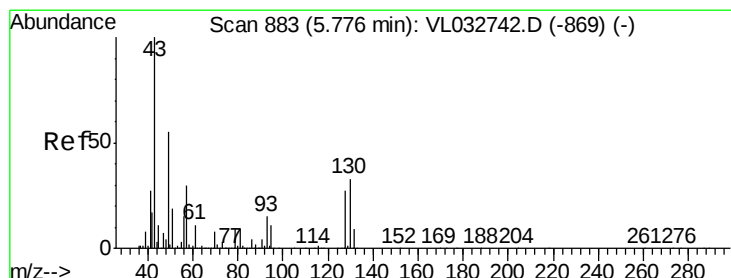
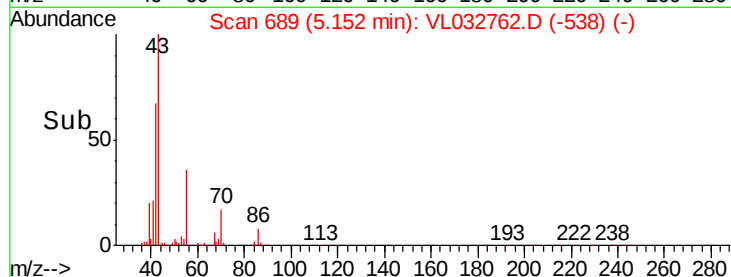
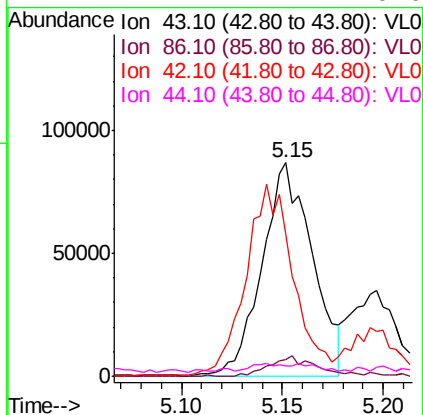
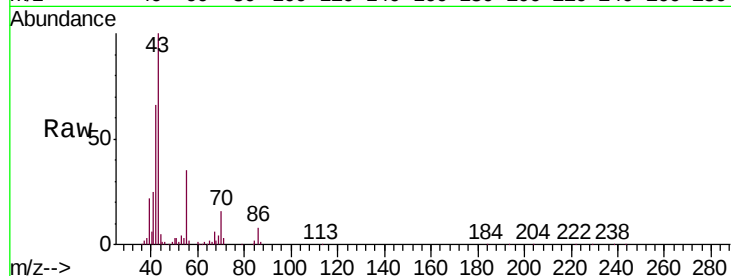




#23
 Vinyl Acetate
 Concen: 0.653 ppbv
 RT: 5.15 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

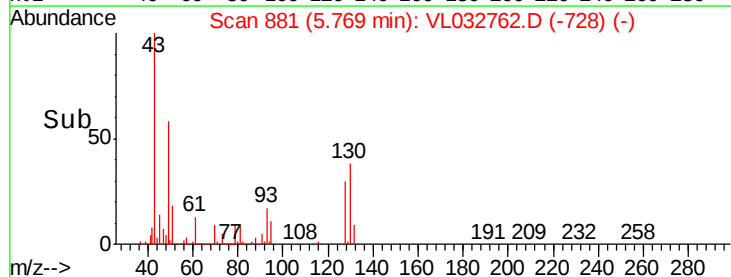
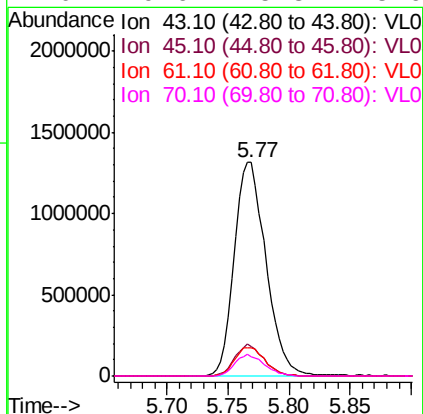
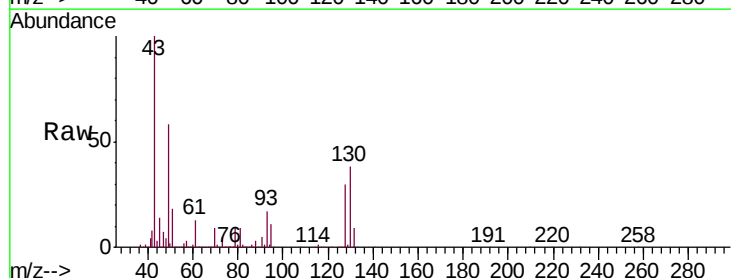
Instrument :
 MSVOA_L
 ClientSampled :
 IA1

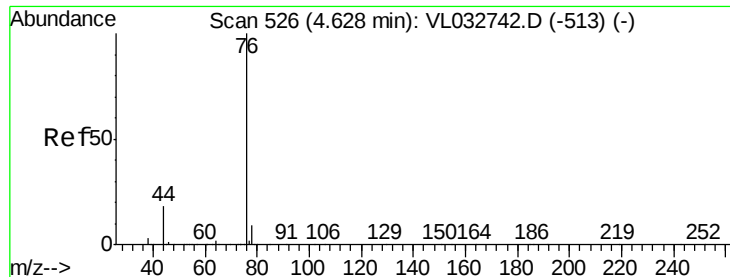
Tgt Ion:	43	Resp:	150553
Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.2	9.4
42	65.9	7.8	11.6#
44	2.7	4.4	6.6#



#25
 Ethyl Acetate
 Concen: 8.049 ppbv
 RT: 5.77 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

Tgt Ion:	43	Resp:	2371569
Ion	Ratio	Lower	Upper
43	100		
45	13.7	7.9	11.9#
61	12.9	7.8	11.6#
70	9.6	5.8	8.6#





#27

Carbon Disulfide

Concen: 0.065 ppbv

RT: 4.62 min Scan# 525

Delta R.T. -0.00 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

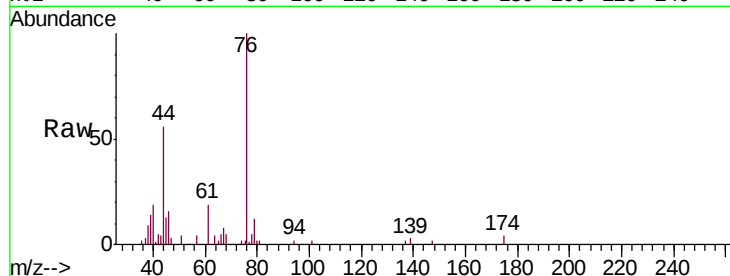
Tgt Ion: 76 Resp: 10749

Ion Ratio Lower Upper

76 100

44 90.5 14.4 21.6#

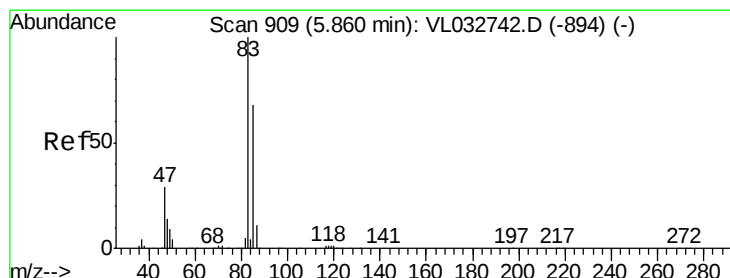
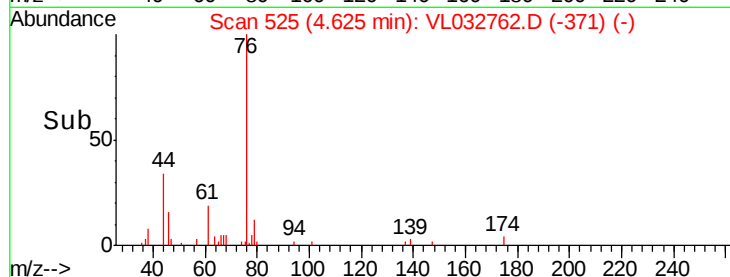
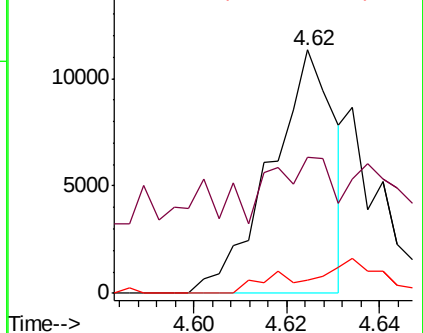
78 0.0 7.7 11.5#



Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0



#29

Chloroform

Concen: 0.064 ppbv

RT: 5.85 min Scan# 906

Delta R.T. -0.01 min

Lab File: VL032762.D

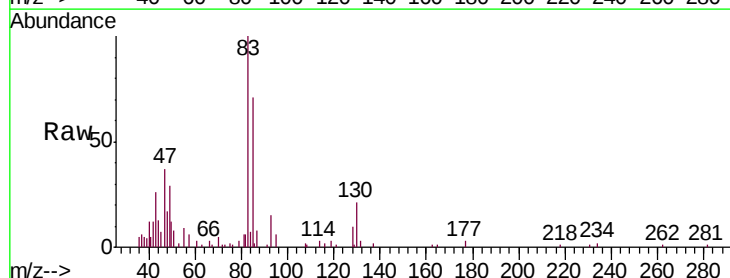
Acq: 14 Nov 2018 17:07

Tgt Ion: 83 Resp: 15072

Ion Ratio Lower Upper

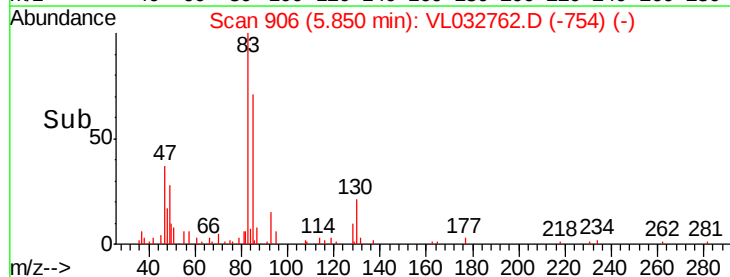
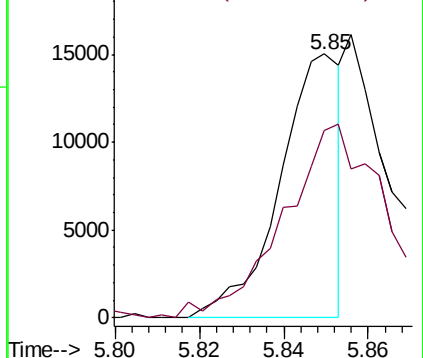
83 100

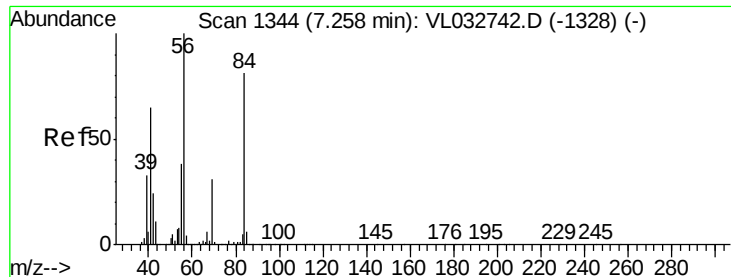
85 65.4 54.2 81.4



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

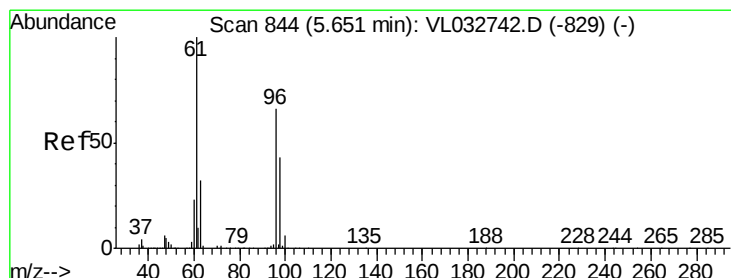
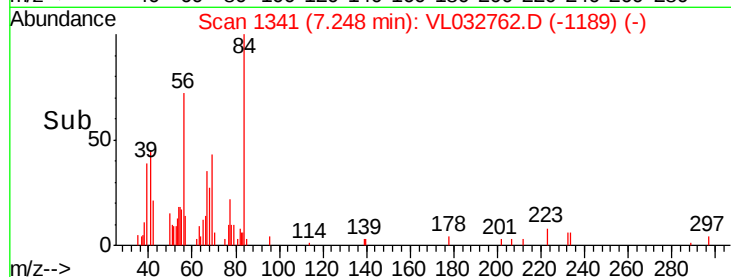
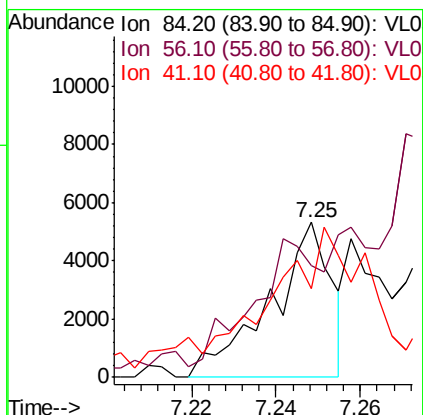
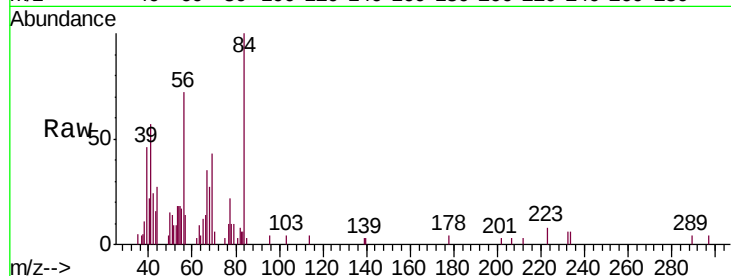




#30
Cyclohexane
Concen: 0.047 ppbv
RT: 7.25 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

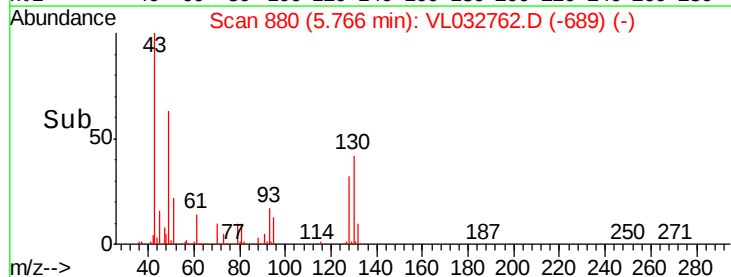
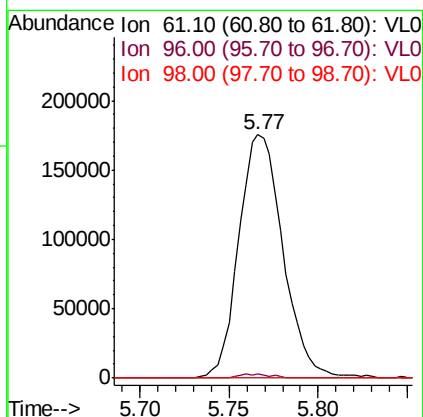
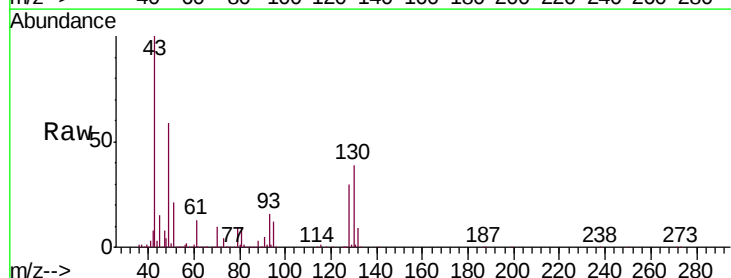
Instrument :
MSVOA_L
ClientSampleId :
IA1

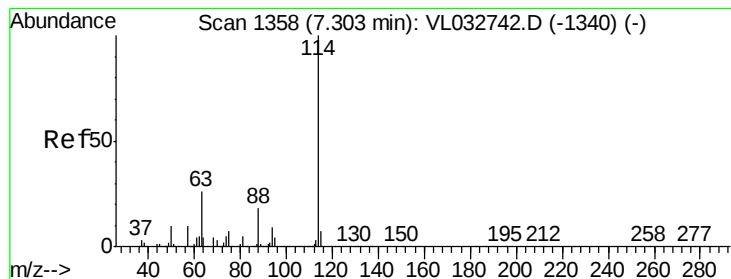
Tgt Ion: 84 Resp: 5338
Ion Ratio Lower Upper
84 100
56 0.0 105.0 157.4#
41 153.3 65.3 97.9#



#31
cis-1,2-Dichloroethene
Concen: 2.287 ppbv
RT: 5.77 min Scan# 880
Delta R.T. 0.12 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

Tgt Ion: 61 Resp: 301591
Ion Ratio Lower Upper
61 100
96 1.6 53.2 79.8#
98 0.0 34.4 51.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.30 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

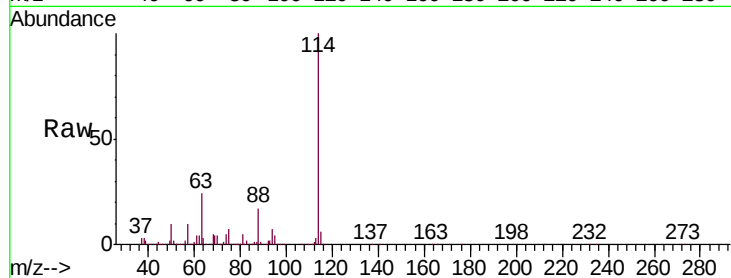
Tgt Ion:114 Resp: 3423725

Ion Ratio Lower Upper

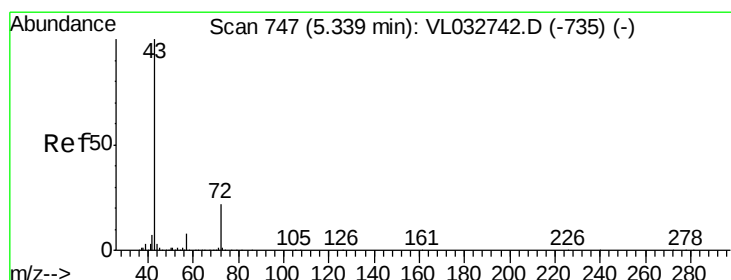
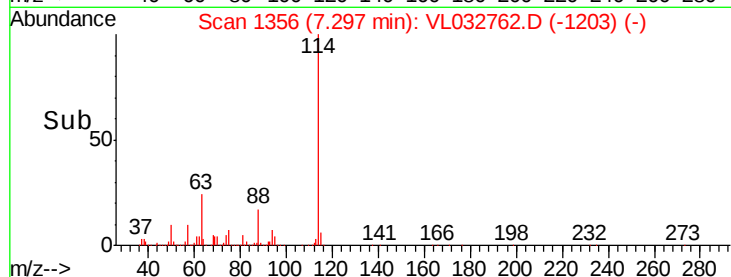
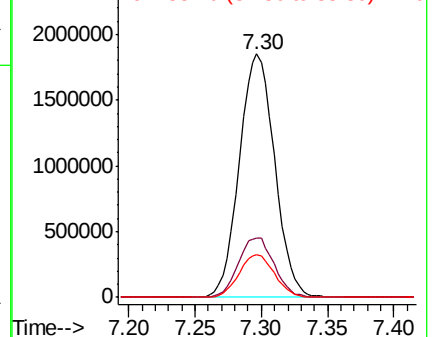
114 100

63 24.9 20.9 31.3

88 17.6 14.4 21.6



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



#34

2-Butanone

Concen: 0.652 ppbv

RT: 5.34 min Scan# 747

Delta R.T. -0.00 min

Lab File: VL032762.D

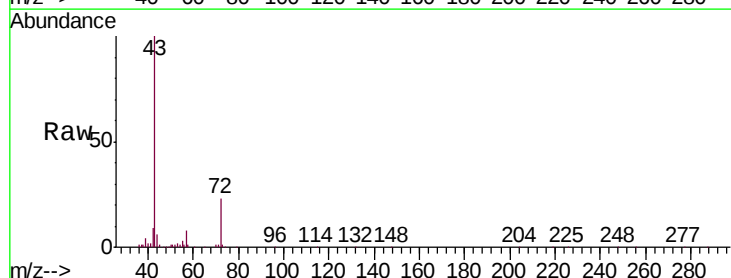
Acq: 14 Nov 2018 17:07

Tgt Ion: 43 Resp: 115761

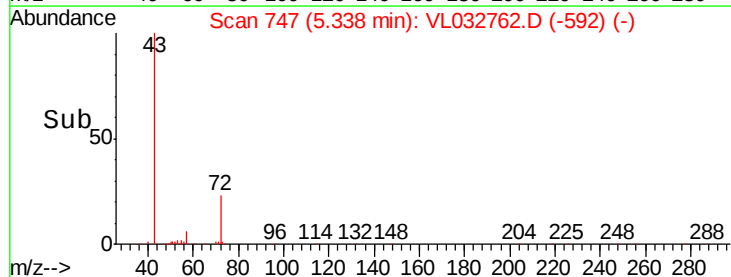
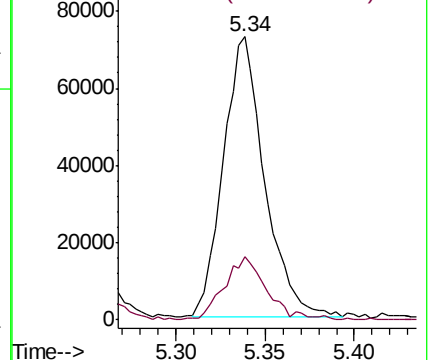
Ion Ratio Lower Upper

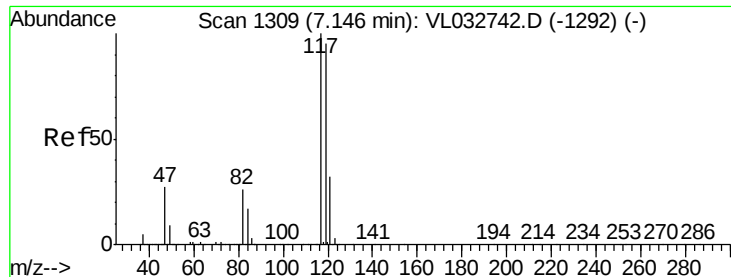
43 100

72 24.0 18.4 27.6



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





#35

Carbon Tetrachloride

Concen: 0.064 ppbv

RT: 7.14 min Scan# 1307

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

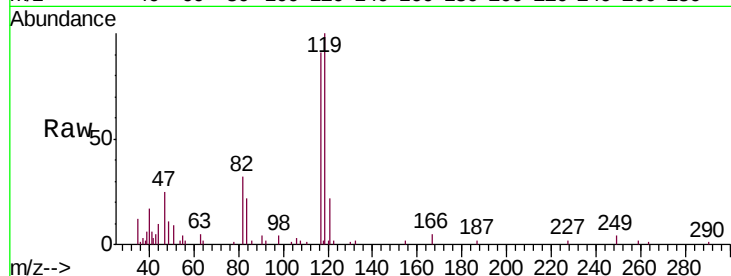
Tgt Ion:117 Resp: 17548

Ion Ratio Lower Upper

117 100

119 105.0 76.1 114.1

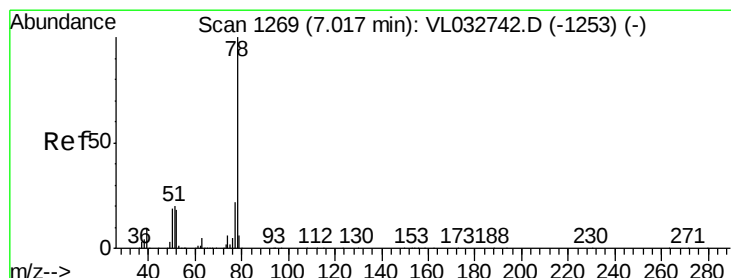
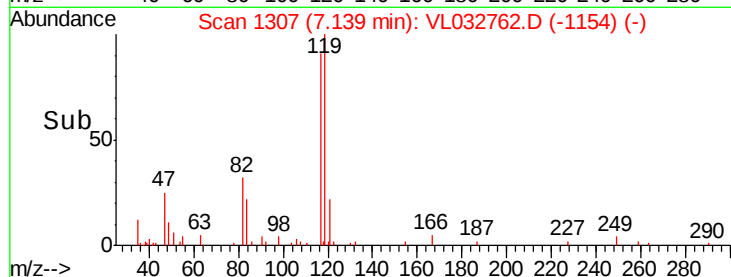
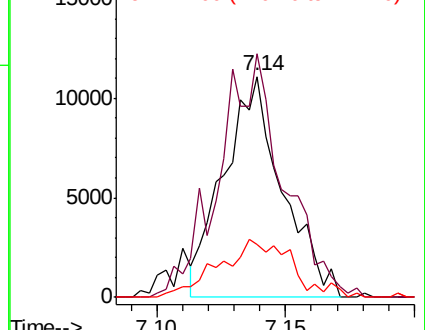
121 20.2 25.4 38.0#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 0.505 ppbv

RT: 7.01 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

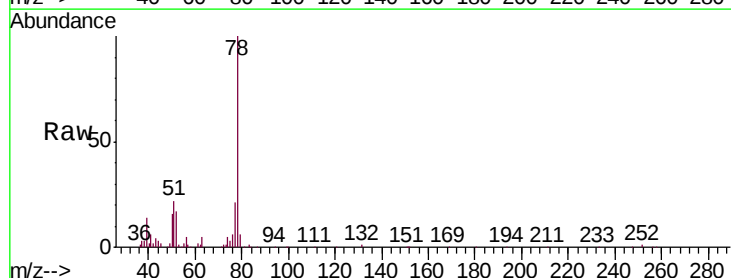
Tgt Ion: 78 Resp: 137684

Ion Ratio Lower Upper

78 100

77 21.2 17.8 26.8

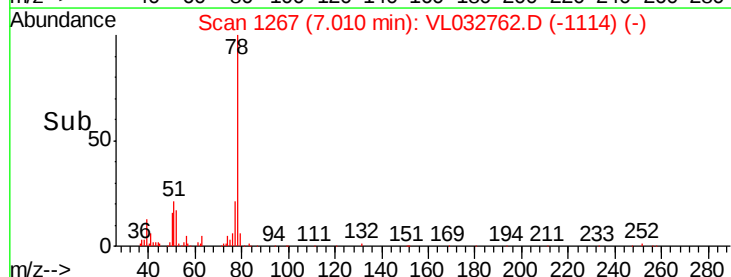
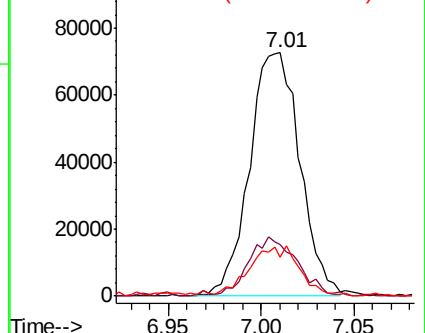
50 15.6 15.4 23.0

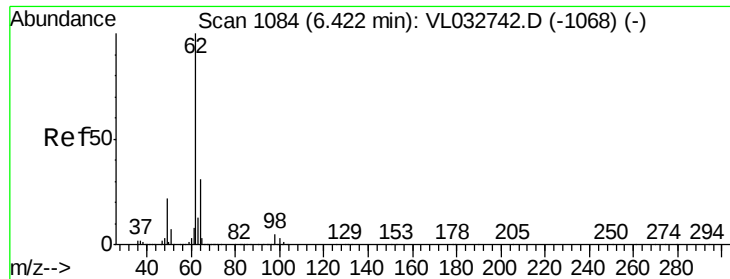


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0

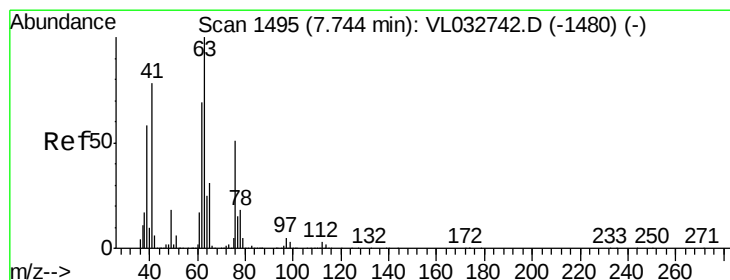
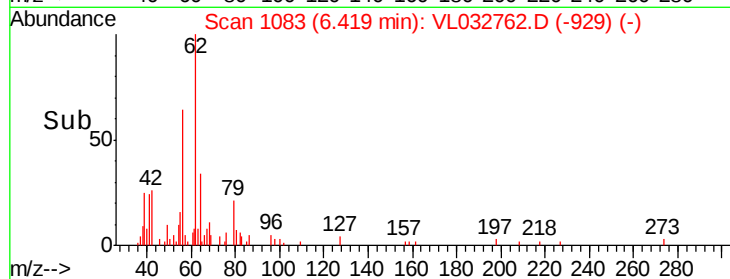
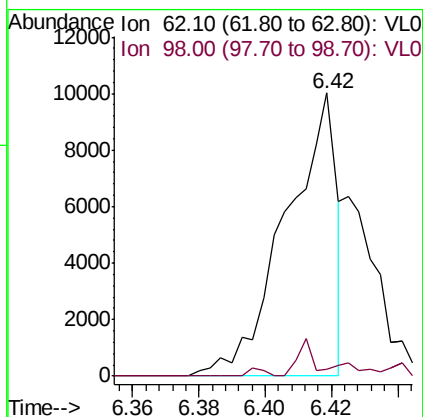
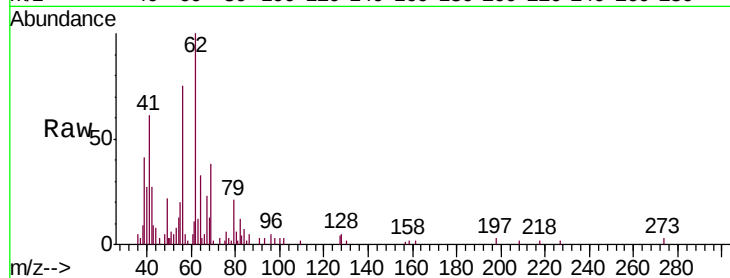




#37
 1,2-Dichloroethane
 Concen: 0.058 ppbv
 RT: 6.42 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

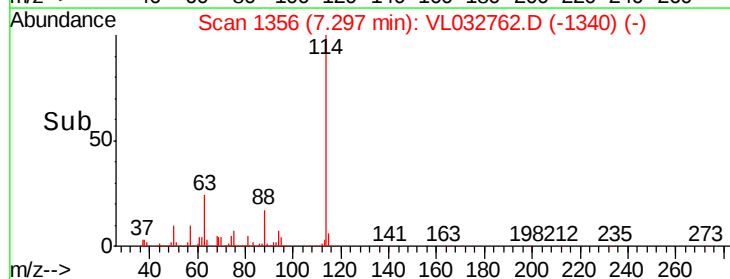
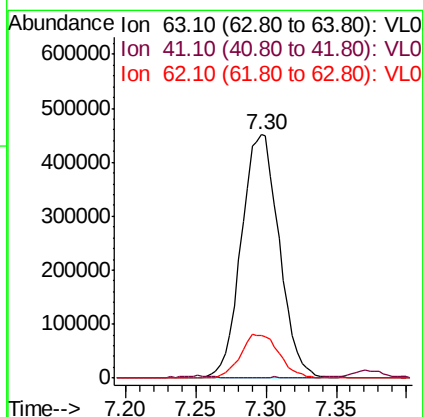
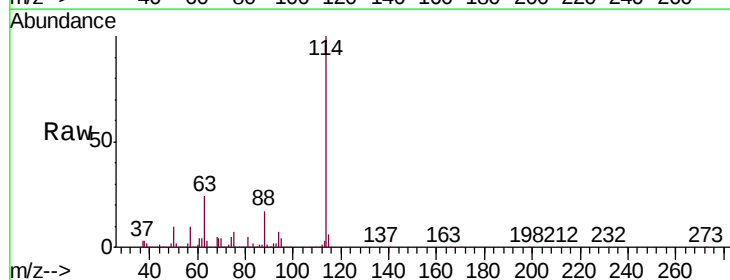
Instrument :
 MSVOA_L
 ClientSampleID :
 IA1

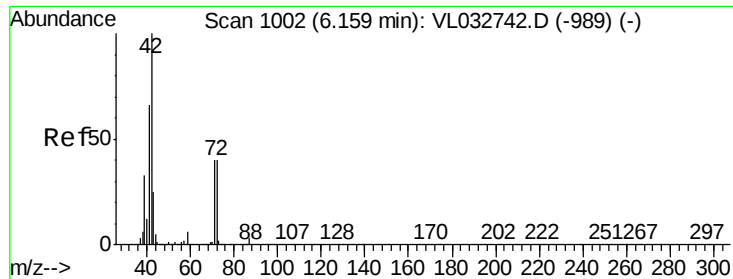
Tgt Ion: 62 Resp: 10647
 Ion Ratio Lower Upper
 62 100
 98 9.0 4.5 6.7#



#39
 1,2-Dichloropropane
 Concen: 8.144 ppbv
 RT: 7.30 min Scan# 1356
 Delta R.T. -0.45 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

Tgt Ion: 63 Resp: 845926
 Ion Ratio Lower Upper
 63 100
 41 0.0 62.0 93.0#
 62 17.7 55.4 83.2#

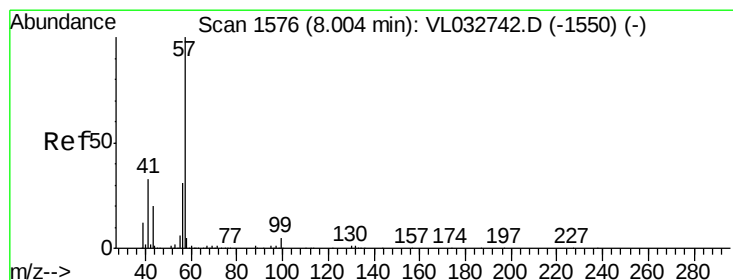
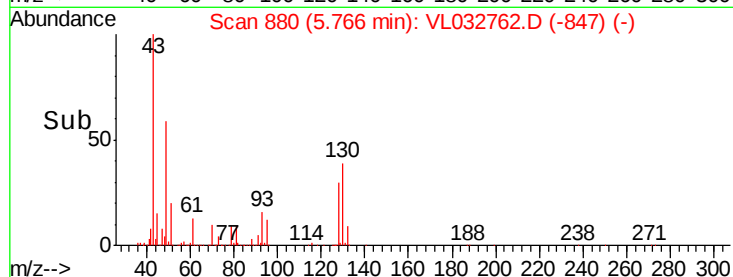
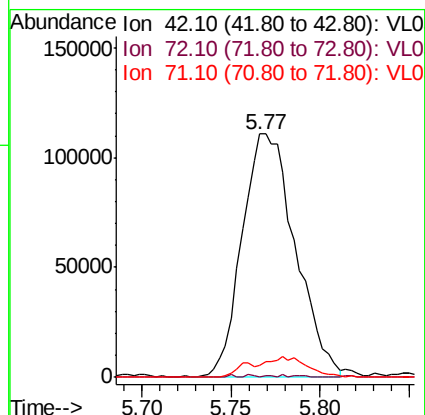
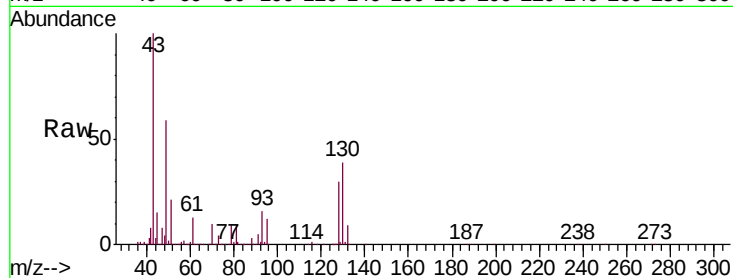




#41
Tetrahydrofuran
Concen: 2.254 ppbv
RT: 5.77 min Scan# 880
Delta R.T. -0.39 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

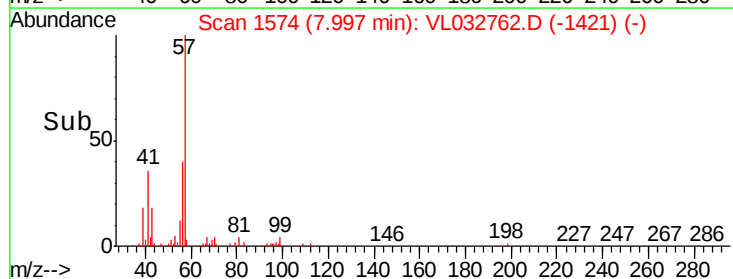
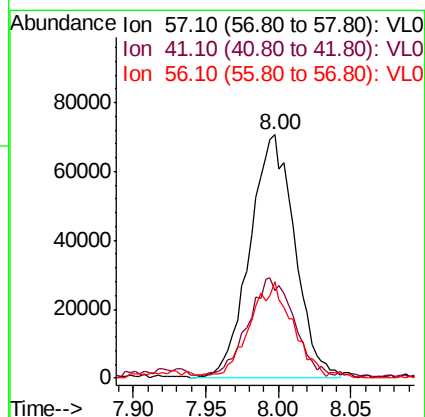
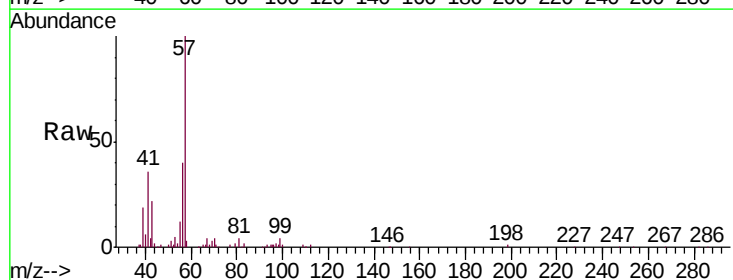
Instrument :
MSVOA_L
ClientSampled :
IA1

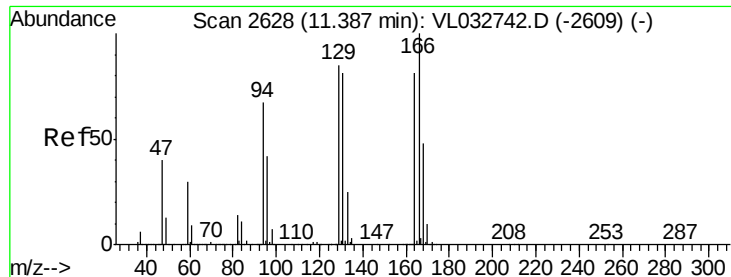
Tgt Ion: 42 Resp: 229604
Ion Ratio Lower Upper
42 100
72 0.8 32.4 48.6#
71 9.0 31.6 47.4#



#44
2,2,4-Trimethylpentane
Concen: 0.333 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

Tgt Ion: 57 Resp: 151539
Ion Ratio Lower Upper
57 100
41 43.4 26.6 39.8#
56 38.6 24.8 37.2#





#52

Tetrachloroethene

Concen: 7.110 ppbv

RT: 11.38 min Scan# 2626

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:164 Resp: 674283

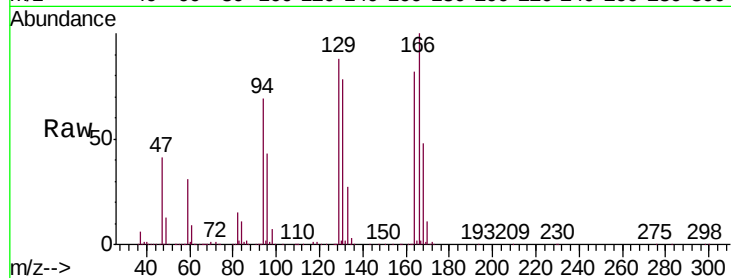
Ion Ratio Lower Upper

164 100

166 121.4 99.3 148.9

129 106.9 83.9 125.9

131 95.3 80.8 121.2

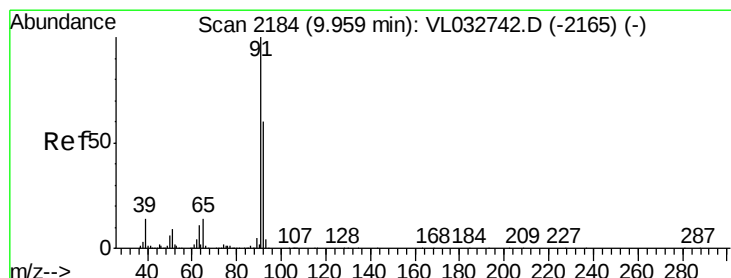
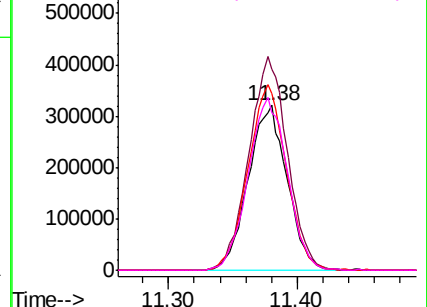
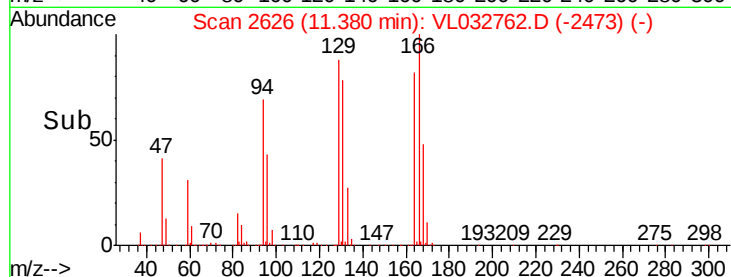


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#53

Toluene

Concen: 2.609 ppbv

RT: 9.95 min Scan# 2181

Delta R.T. -0.01 min

Lab File: VL032762.D

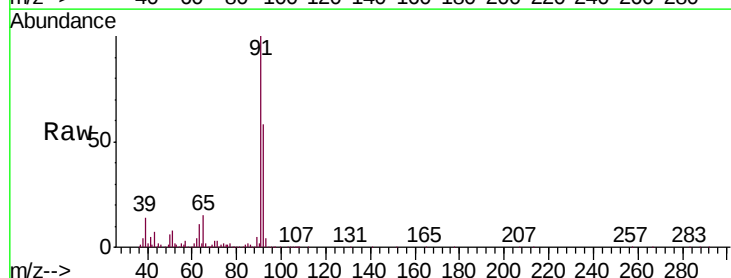
Acq: 14 Nov 2018 17:07

Tgt Ion: 91 Resp: 742001

Ion Ratio Lower Upper

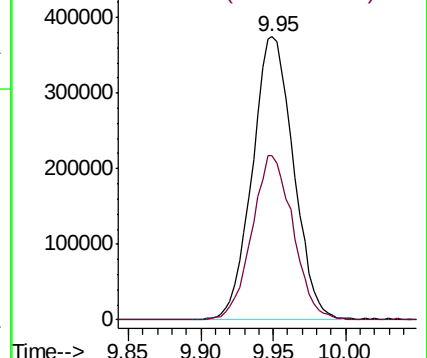
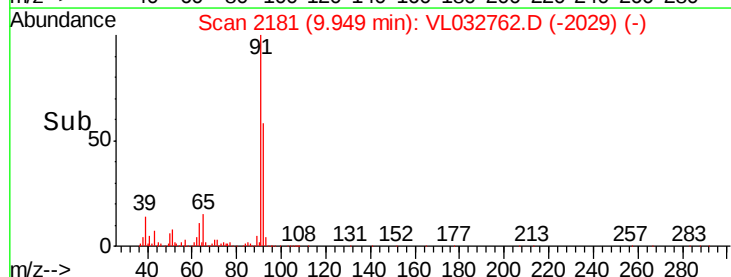
91 100

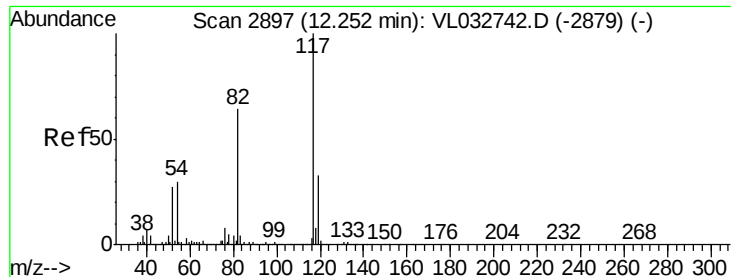
92 58.2 47.9 71.9



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

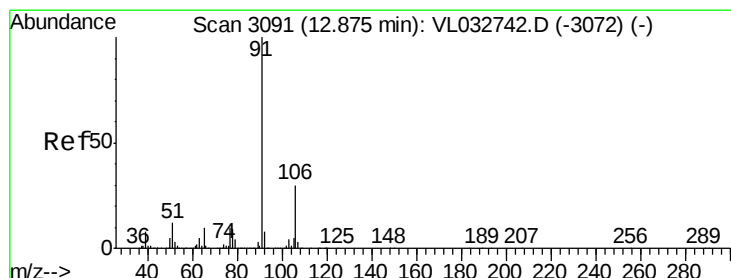
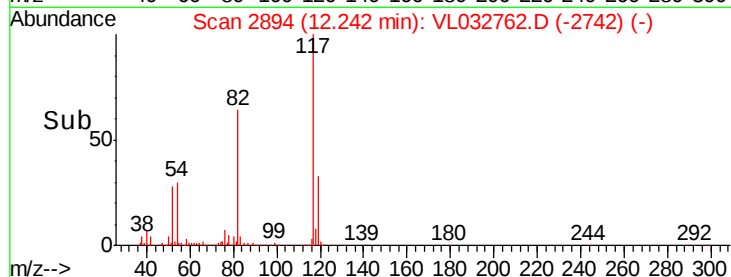
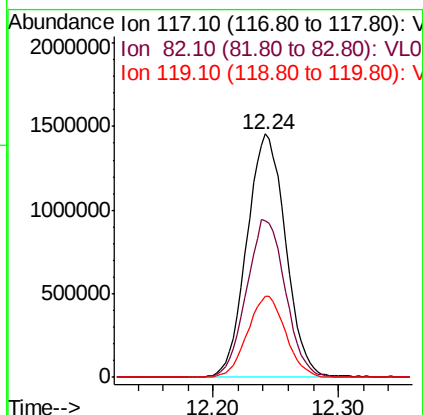
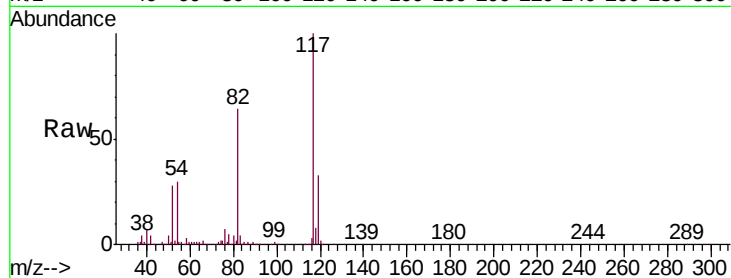




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.24 min Scan# 2894
Delta R.T. -0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

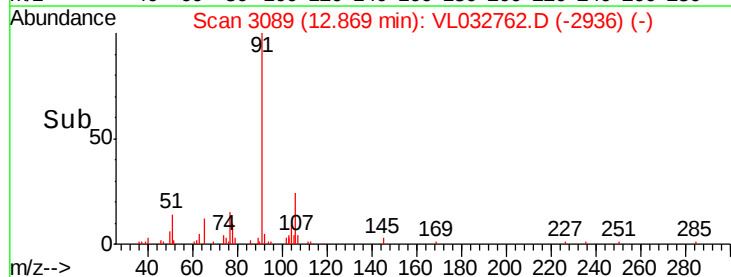
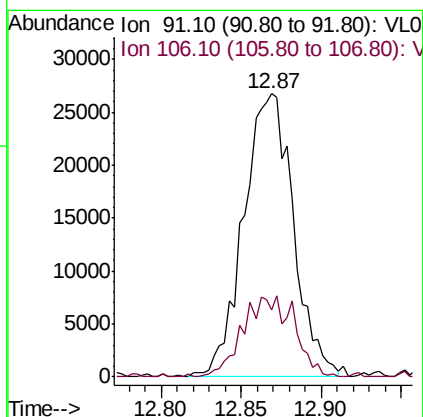
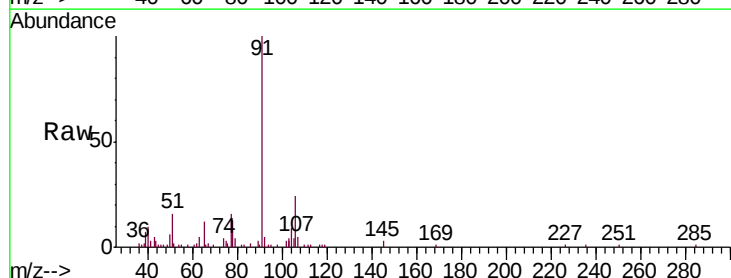
Instrument :
MSVOA_L
ClientSampleId :
IA1

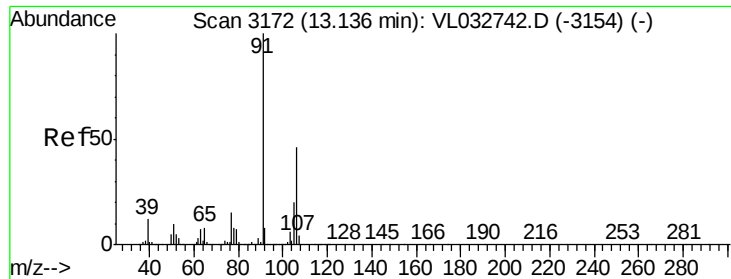
Tgt Ion:117 Resp: 3132607
Ion Ratio Lower Upper
117 100
82 65.1 51.0 76.6
119 32.8 28.0 42.0



#58
Ethyl Benzene
Concen: 0.151 ppbv
RT: 12.87 min Scan# 3089
Delta R.T. -0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

Tgt Ion: 91 Resp: 57064
Ion Ratio Lower Upper
91 100
106 23.7 23.6 35.4





#59

m/p-Xylene

Concen: 0.419 ppbv

RT: 13.13 min Scan# 3169

Delta R.T. -0.01 min

Lab File: VL032762.D

Acq: 14 Nov 2018 17:07

Instrument :

MSVOA_L

ClientSampleId :

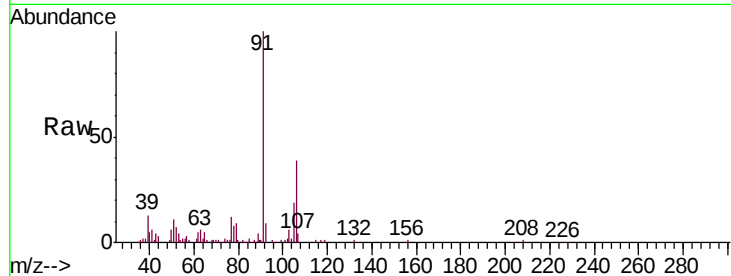
IA1

Tgt Ion: 91 Resp: 140671

Ion Ratio Lower Upper

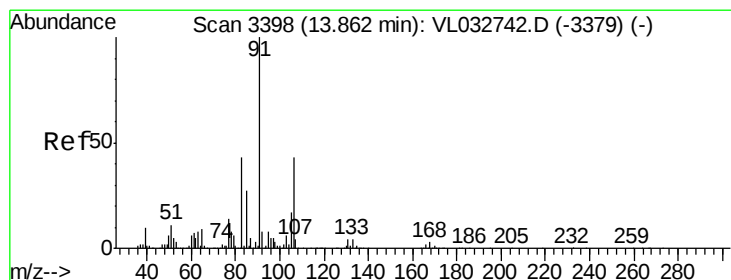
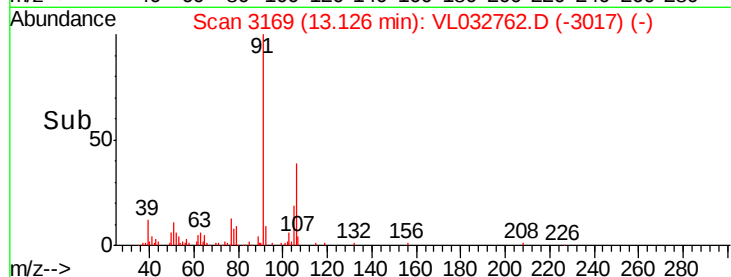
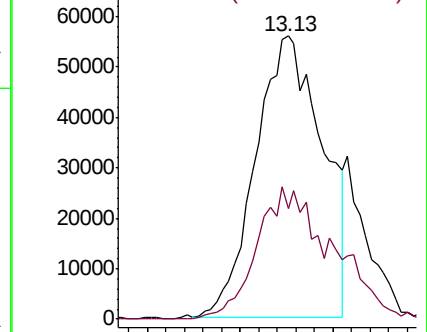
91 100

106 52.6 36.1 54.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#60

o-Xylene

Concen: 0.215 ppbv

RT: 13.85 min Scan# 3394

Delta R.T. -0.01 min

Lab File: VL032762.D

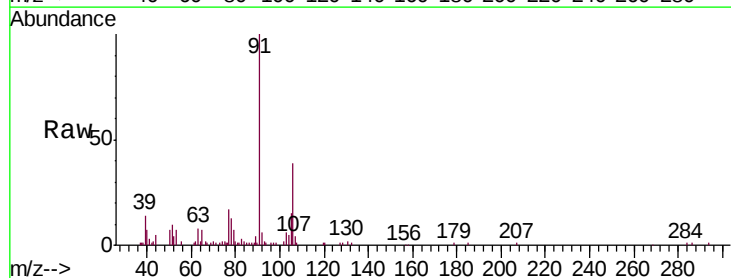
Acq: 14 Nov 2018 17:07

Tgt Ion: 91 Resp: 72582

Ion Ratio Lower Upper

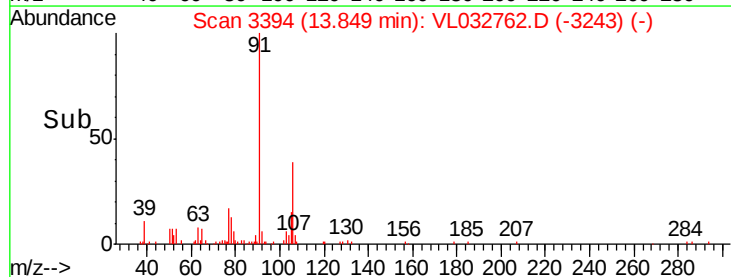
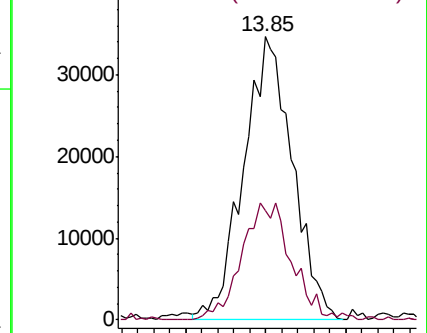
91 100

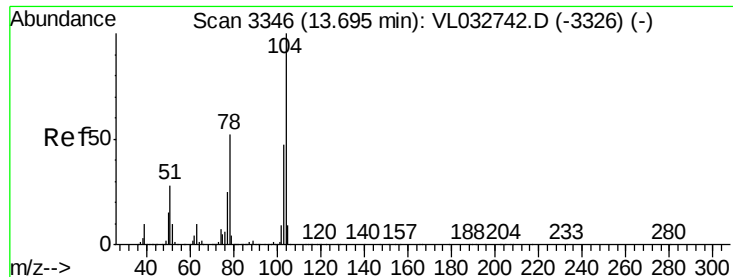
106 42.5 21.9 65.7



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

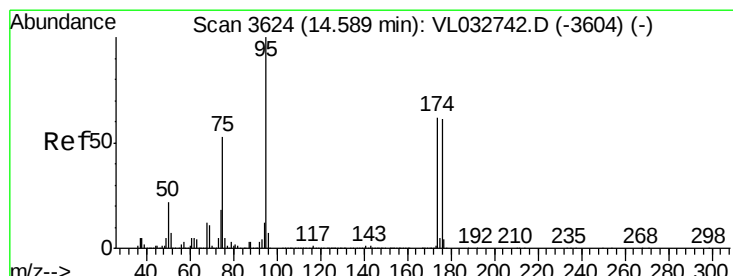
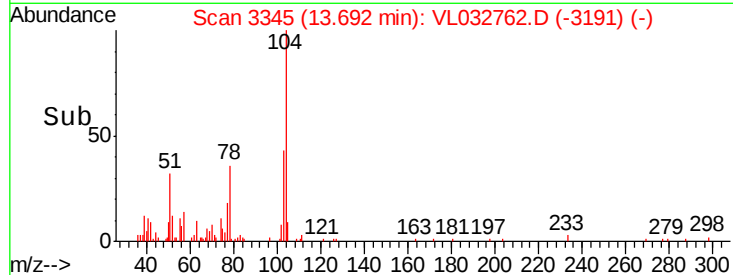
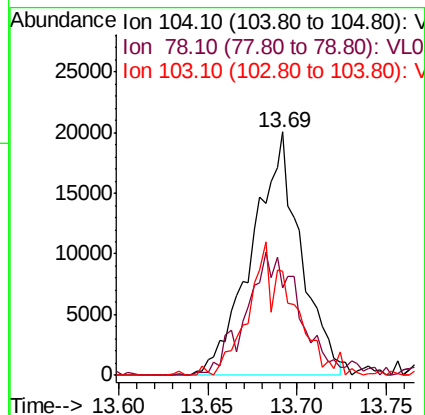
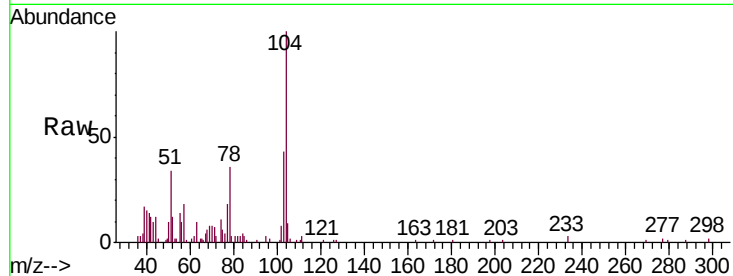




#61
Styrene
Concen: 0.174 ppbv
RT: 13.69 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

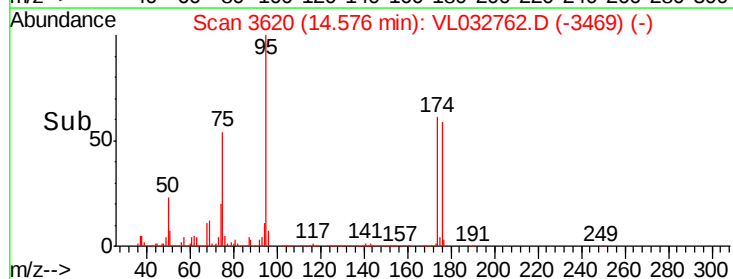
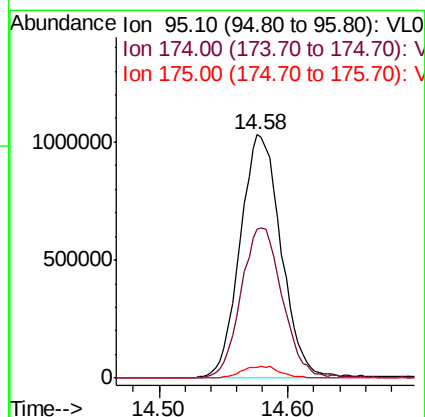
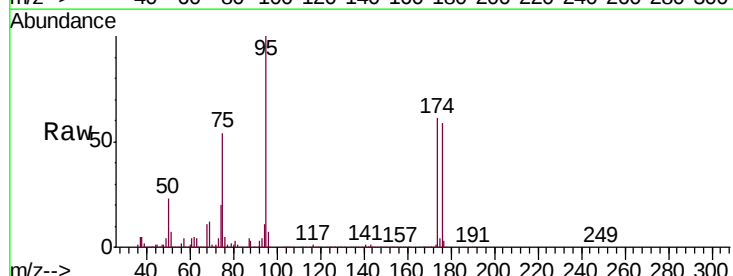
Instrument :
MSVOA_L
ClientSampled :
IA1

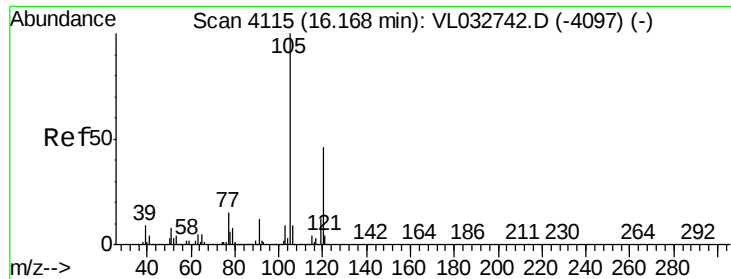
Tgt Ion: 104 Resp: 38117
Ion Ratio Lower Upper
104 100
78 57.0 42.2 63.4
103 50.6 38.2 57.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.710 ppbv
RT: 14.58 min Scan# 3620
Delta R.T. -0.01 min
Lab File: VL032762.D
Acq: 14 Nov 2018 17:07

Tgt Ion: 95 Resp: 2275073
Ion Ratio Lower Upper
95 100
174 63.6 50.7 76.1
175 4.7 3.8 5.6

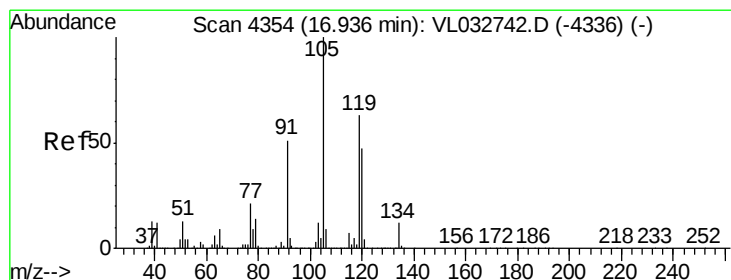
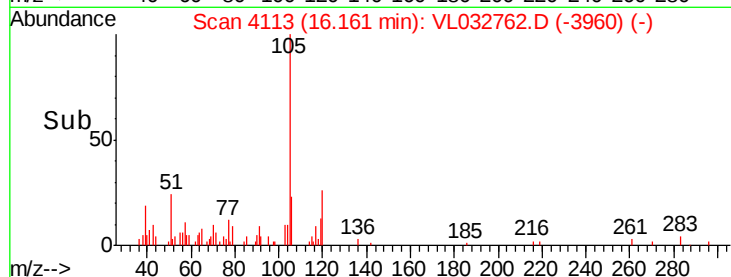
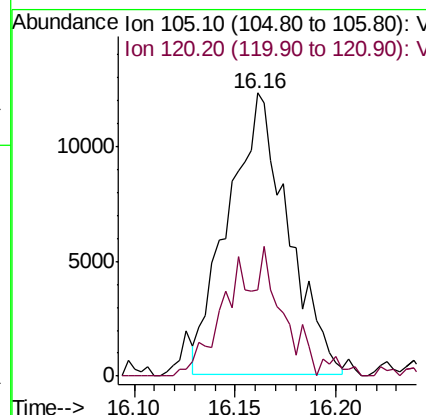
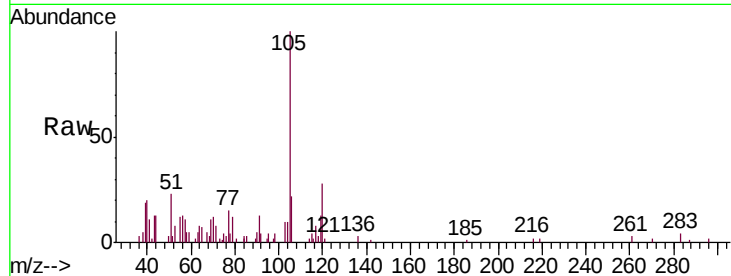




#73
 1,3,5-Trimethylbenzene
 Concen: 0.070 ppbv
 RT: 16.16 min Scan# 4113
 Delta R.T. -0.01 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Tgt Ion:105 Resp: 25224
 Ion Ratio Lower Upper
 105 100
 120 29.0 36.6 55.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.233 ppbv
 RT: 16.93 min Scan# 4351
 Delta R.T. -0.01 min
 Lab File: VL032762.D
 Acq: 14 Nov 2018 17:07

Tgt Ion:105 Resp: 90349
 Ion Ratio Lower Upper
 105 100
 120 31.2 37.6 56.4#
 91 9.3 42.5 63.7#
 77 13.7 17.4 26.2#

