

Data File : VL032675.D
Acq On : 19 Oct 2018 9:01
Operator : SY/AP
Sample : J5581-04
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
A-4

Quant Time: Oct 19 23:11:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1339306	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3245833	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3143597	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.59	95	2297870	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	36692	0.269	ppbv	94
3) Chlorodifluoromethane	3.02	51	362575	3.462	ppbv	94
4) Chloromethane	3.18	50	30806	0.526	ppbv	98
9) Propene	3.05	41	30396	0.705	ppbv #	81
10) Heptane	8.26	43	46126	0.278	ppbv	92
11) Trichlorofluoromethane	4.02	101	52737	0.296	ppbv #	81
12) 1,1,2-Trichlorotrifluoroet	4.56	101	5182	0.035	ppbv #	17
13) Ethanol	3.67	45	1046814	84.971	ppbv	97
15) Acetone	3.91	43	1194316	9.657	ppbv	99
16) 1,3-Butadiene	3.36	39	2293	0.050	ppbv	93
17) tert-Butyl alcohol	4.38	59	5272	0.145	ppbv #	100
19) Isopropyl Alcohol	4.05	45	742880	8.435	ppbv #	98
20) Methylene Chloride	4.42	84	121070	1.929	ppbv	95
23) Vinyl Acetate	5.16	43	36785	0.168	ppbv #	54
25) Ethyl Acetate	5.79	43	285893	1.004	ppbv #	88
26) Hexane	5.79	57	282490	2.097	ppbv #	54
34) 2-Butanone	5.35	43	122908	0.706	ppbv	97
35) Carbon Tetrachloride	7.15	117	18554	0.081	ppbv #	82
36) Benzene	7.02	78	40738	0.155	ppbv	97
37) 1,2-Dichloroethane	6.42	62	3539	0.022	ppbv #	90
39) 1,2-Dichloropropane	7.31	63	805938	7.918	ppbv #	25
41) Tetrahydrofuran	6.16	42	3372	0.035	ppbv #	35
43) Methyl Methacrylate	8.15	69	5946	0.062	ppbv #	1
44) 2,2,4-Trimethylpentane	8.00	57	10215	0.023	ppbv #	1
51) 2-Hexanone	10.07	43	15592	0.081	ppbv #	30
53) Toluene	9.96	91	1262456	4.178	ppbv	97
59) m/p-Xylene	13.16	91	10587	0.033	ppbv #	31
60) o-Xylene	13.87	91	7414	0.024	ppbv #	1
61) Styrene	13.70	104	5634	0.027	ppbv #	21
74) 1,2,4-Trimethylbenzene	16.94	105	34913	0.100	ppbv #	79
79) Naphthalene	22.43	128	4806	0.022	ppbv #	46

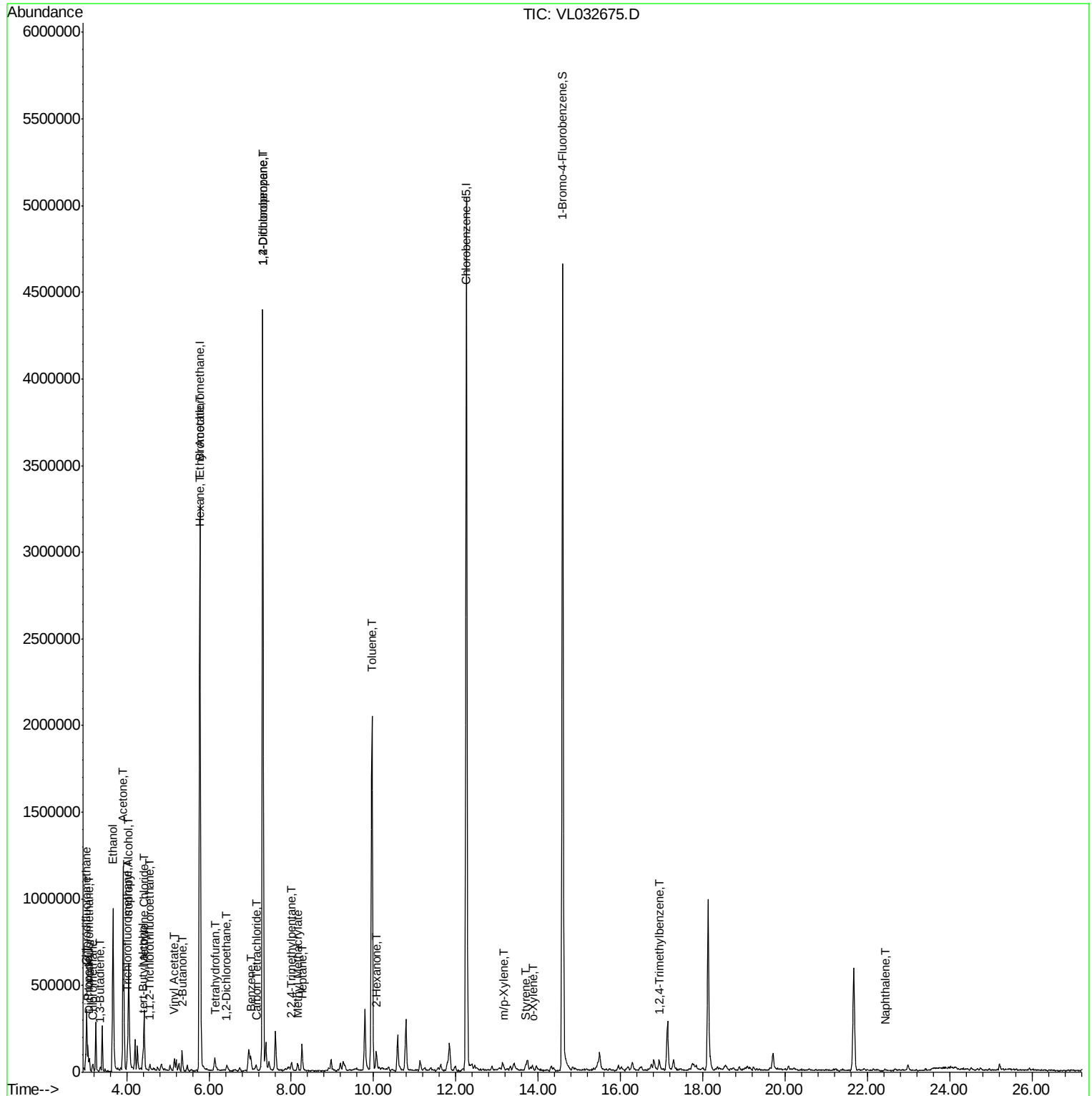
(#) = qualifier out of range (m) = manual integration (+) = signals summed

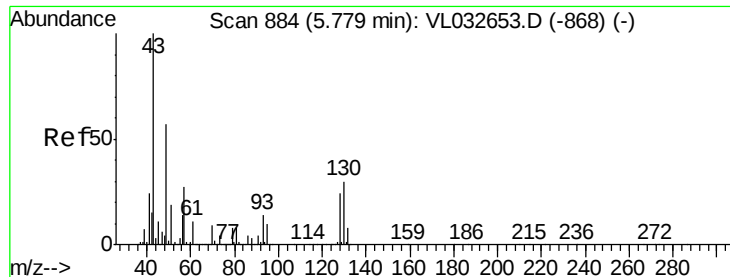
Data File : VL032675.D

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Acq On       : 19 Oct 2018   9:01
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Misc       : 400ml/MSVOA_L
ALS Vial    : 1      Sample Multipl
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Instrument :
MSVOA_L
ClientSampleId :
A-4

Quant Time: Oct 19 23:11:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL101818AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Oct 19 01:25:37 2018
QLast Update : Fri Oct 19 01:25:37 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 882

Delta R.T. -0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

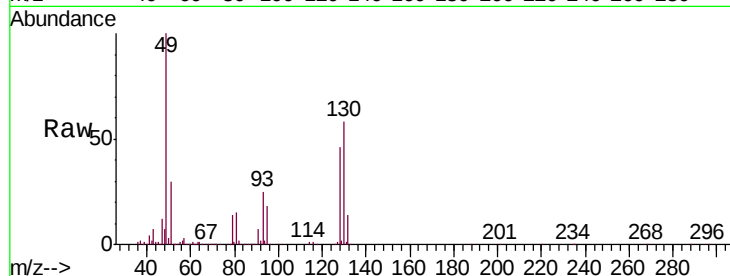
Tgt Ion: 49 Resp: 1339306

Ion Ratio Lower Upper

49 100

128 48.8 22.3 66.8

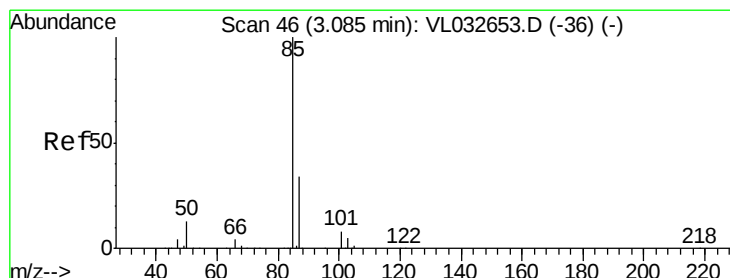
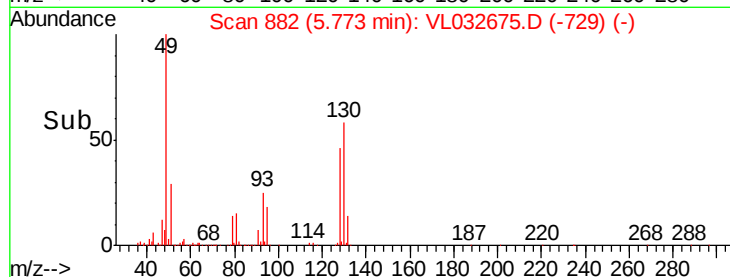
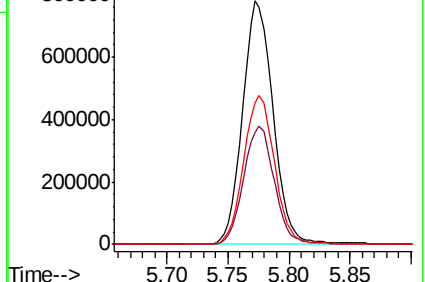
130 62.3 28.4 85.3



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: 0.269 ppbv

RT: 3.09 min Scan# 47

Delta R.T. 0.00 min

Lab File: VL032675.D

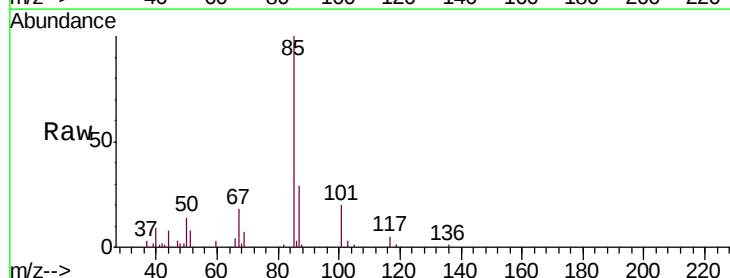
Acq: 19 Oct 2018 9:01

Tgt Ion: 85 Resp: 36692

Ion Ratio Lower Upper

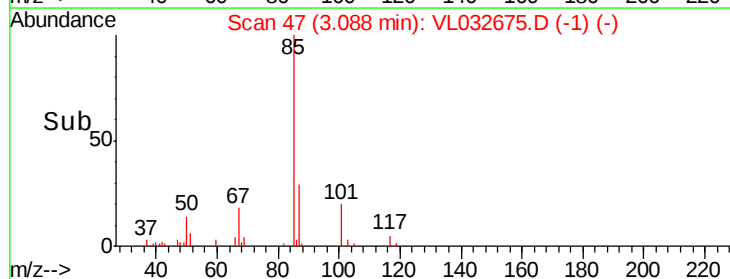
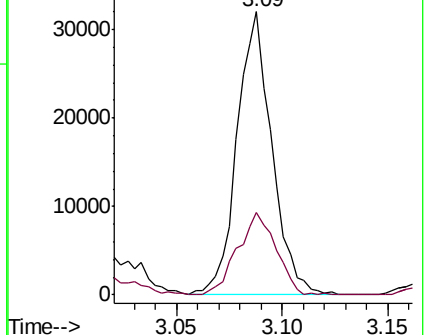
85 100

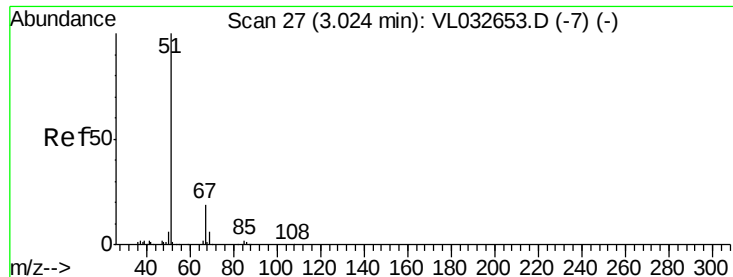
87 29.3 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 3.462 ppbv

RT: 3.02 min Scan# 27

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

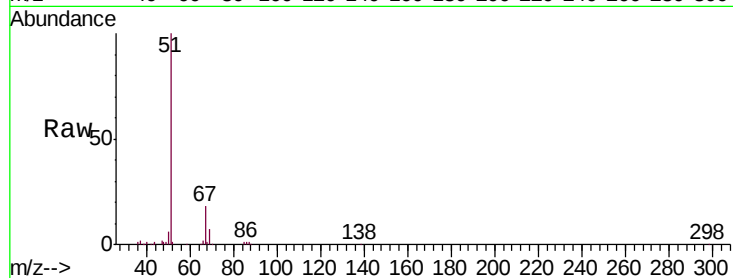
A-4

Tgt Ion: 51 Resp: 362575

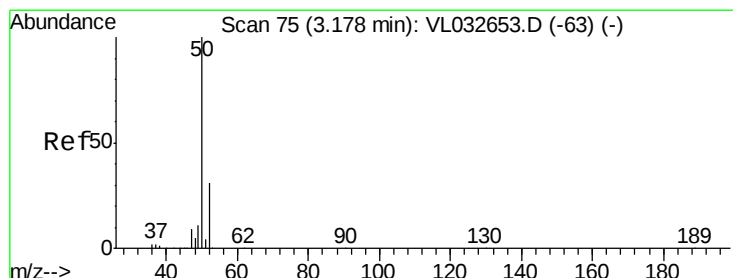
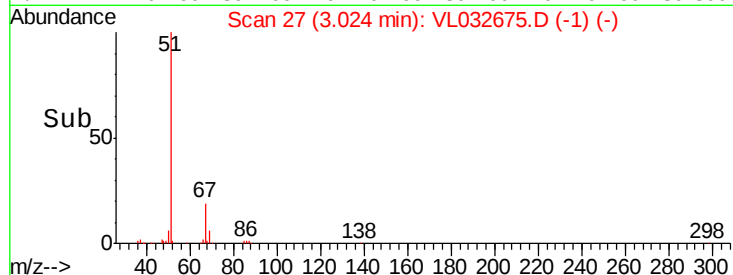
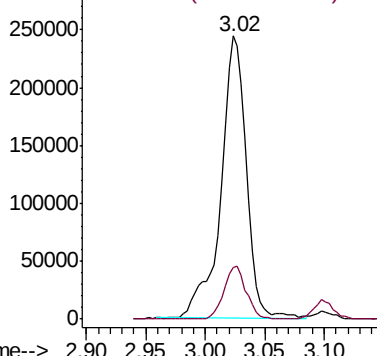
Ion Ratio Lower Upper

51 100

67 16.3 15.2 22.8



Abundance Ion 51.00 (50.70 to 51.70): VL0
Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.526 ppbv

RT: 3.18 min Scan# 76

Delta R.T. 0.00 min

Lab File: VL032675.D

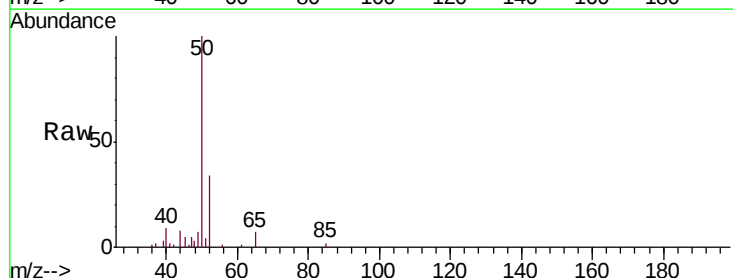
Acq: 19 Oct 2018 9:01

Tgt Ion: 50 Resp: 30806

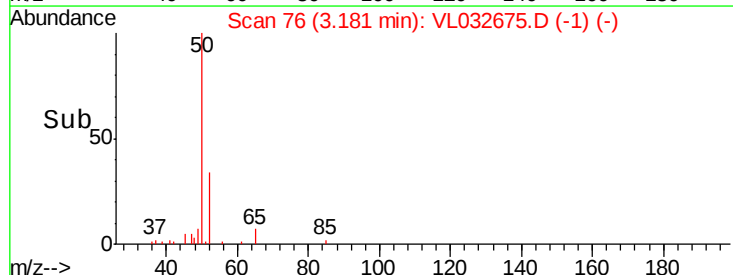
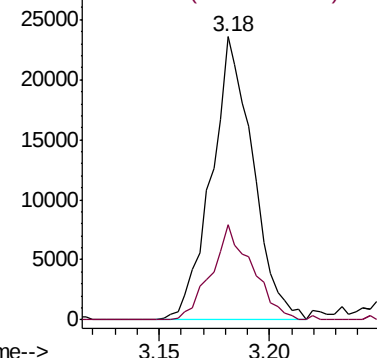
Ion Ratio Lower Upper

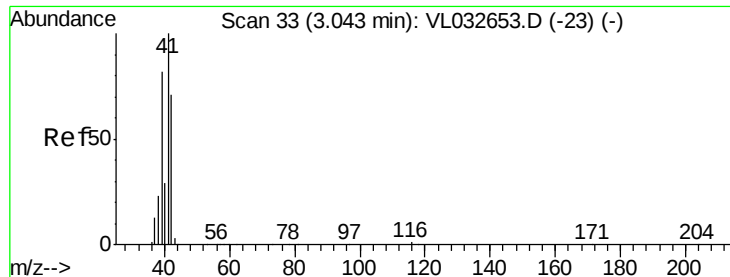
50 100

52 33.7 25.9 38.9



Abundance Ion 50.10 (49.80 to 50.80): VL0
Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 0.705 ppbv

RT: 3.05 min Scan# 36

Delta R.T. 0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

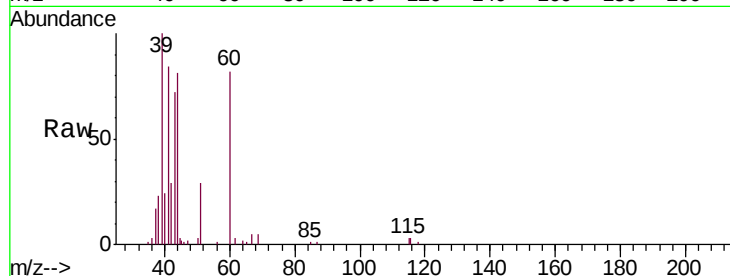
A-4

Tgt Ion: 41 Resp: 30396

Ion Ratio Lower Upper

41 100

42 54.0 55.4 83.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.05

20000

15000

10000

5000

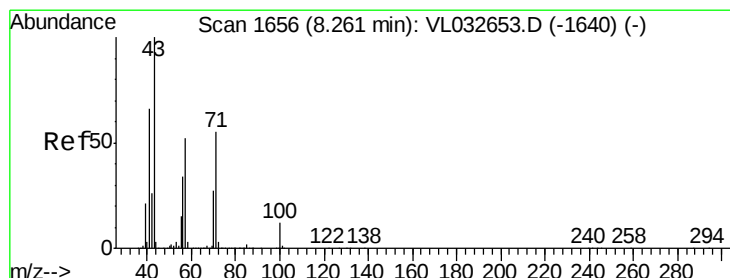
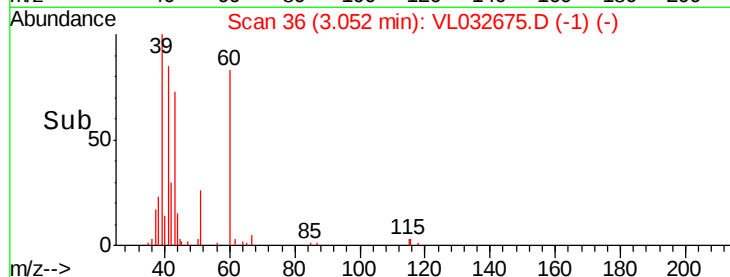
0

Time-->

3.00

3.05

3.10



#10

Heptane

Concen: 0.278 ppbv

RT: 8.26 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VL032675.D

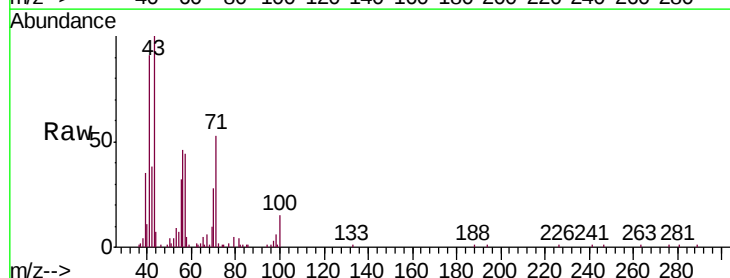
Acq: 19 Oct 2018 9:01

Tgt Ion: 43 Resp: 46126

Ion Ratio Lower Upper

43 100

57 57.2 41.5 62.3



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

8.26

30000

25000

20000

15000

10000

5000

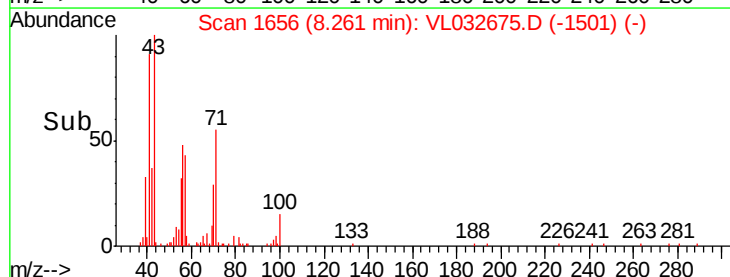
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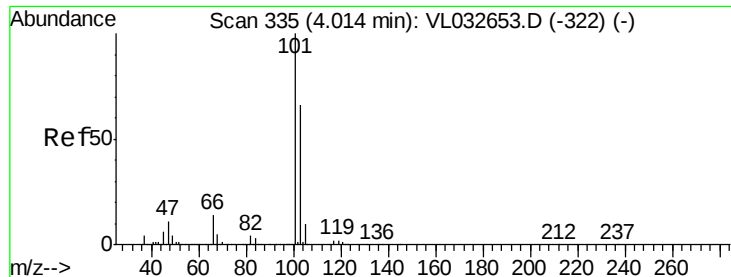
Time-->

8.20

8.25

8.30

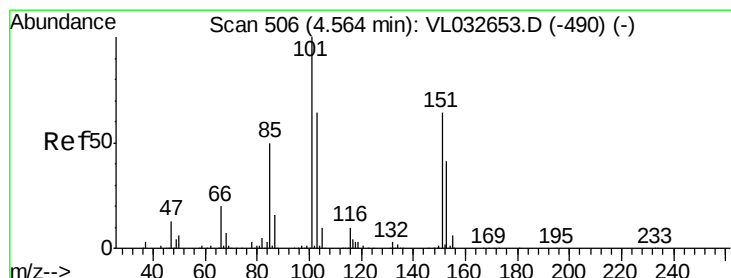
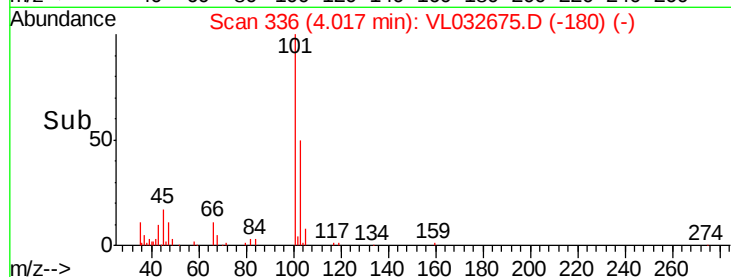
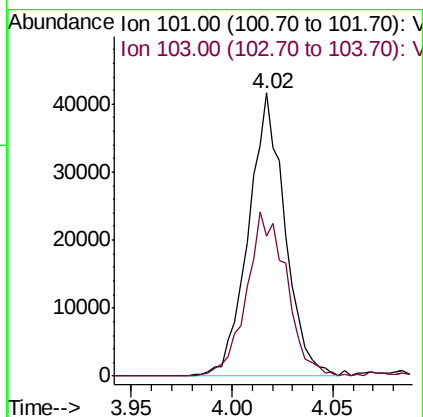
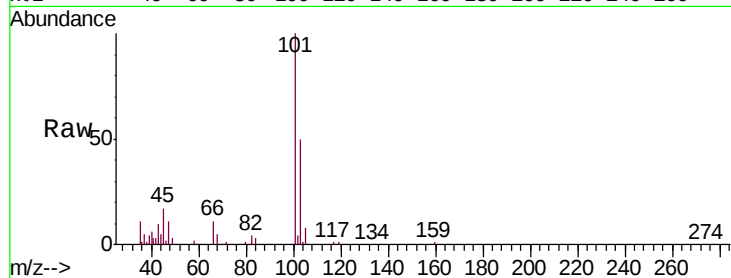




#11
 Trichlorofluoromethane
 Concen: 0.296 ppbv
 RT: 4.02 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VL032675.D
 Acq: 19 Oct 2018 9:01

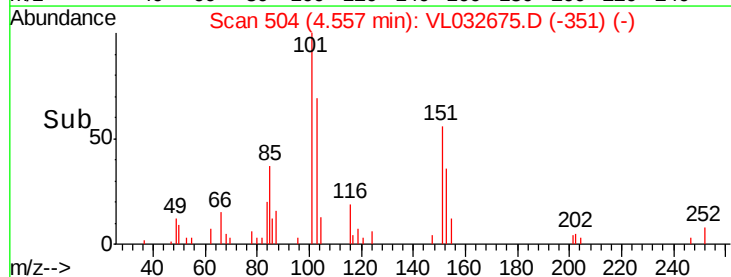
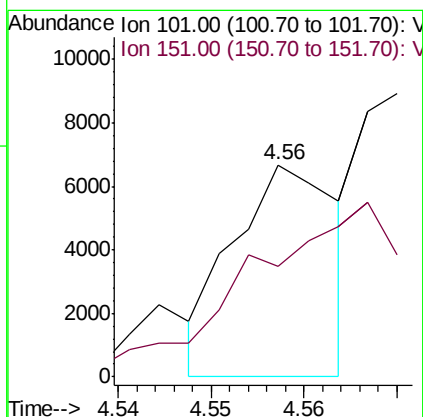
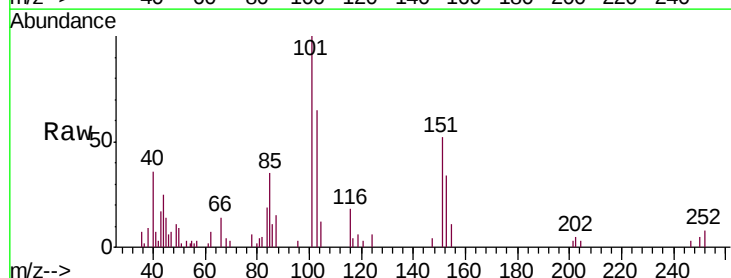
Instrument :
 MSVOA_L
 ClientSampleId :
 A-4

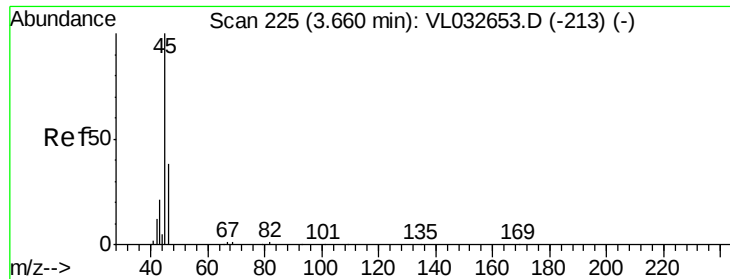
Tgt Ion:101 Resp: 52737
 Ion Ratio Lower Upper
 101 100
 103 49.6 51.4 77.2#



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.035 ppbv
 RT: 4.56 min Scan# 504
 Delta R.T. -0.01 min
 Lab File: VL032675.D
 Acq: 19 Oct 2018 9:01

Tgt Ion:101 Resp: 5182
 Ion Ratio Lower Upper
 101 100
 151 0.0 52.3 78.5#





#13

Ethanol

Concen: 84.971 ppbv

RT: 3.67 min Scan# 227

Delta R.T. 0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

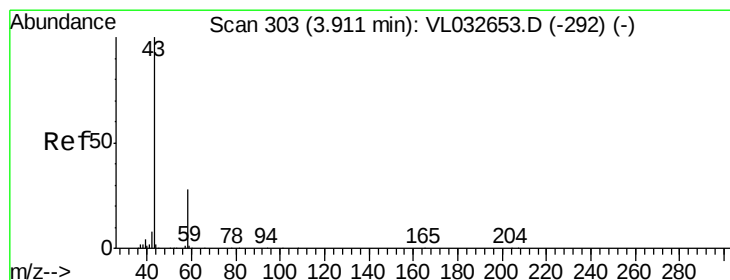
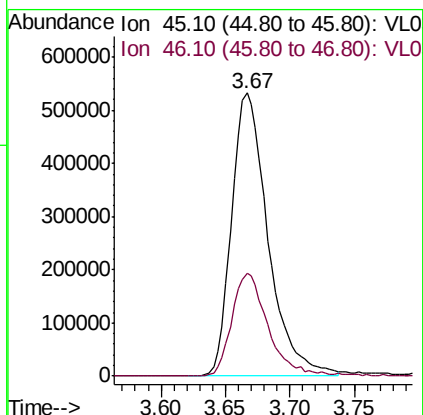
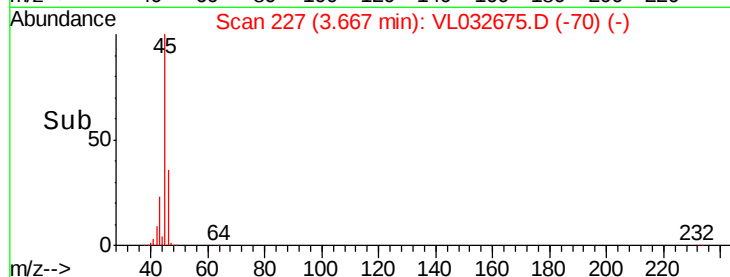
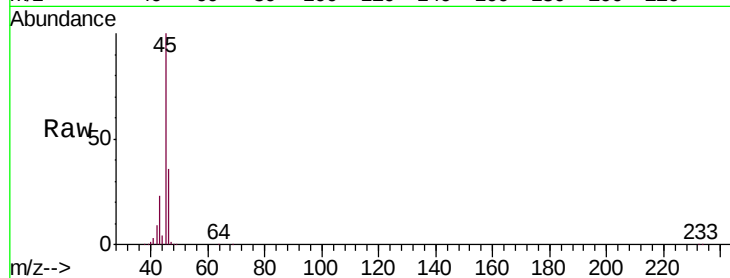
A-4

Tgt Ion: 45 Resp: 1046814

Ion Ratio Lower Upper

45 100

46 36.5 15.4 61.8



#15

Acetone

Concen: 9.657 ppbv

RT: 3.91 min Scan# 303

Delta R.T. -0.00 min

Lab File: VL032675.D

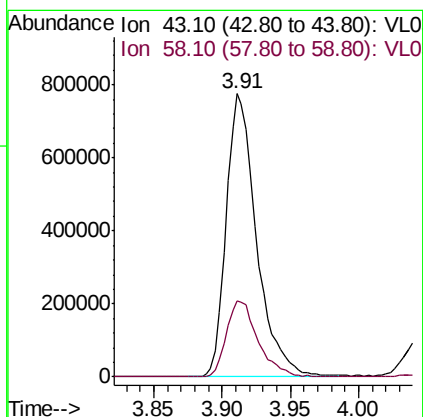
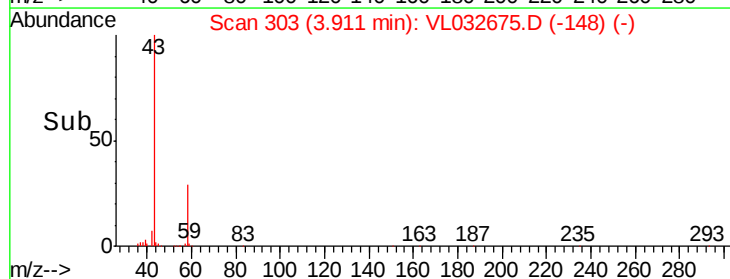
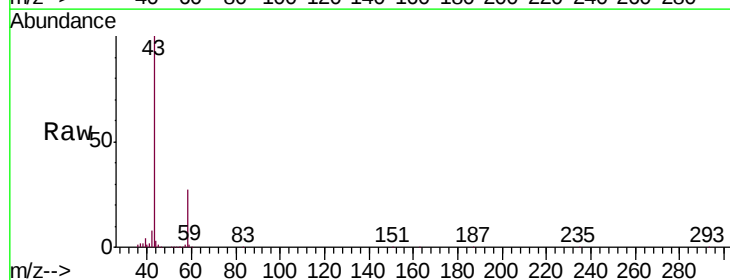
Acq: 19 Oct 2018 9:01

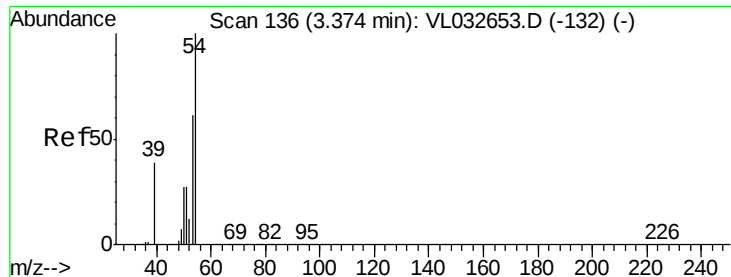
Tgt Ion: 43 Resp: 1194316

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1





#16

1,3-Butadiene

Concen: 0.050 ppbv

RT: 3.36 min Scan# 132

Delta R.T. -0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampled :

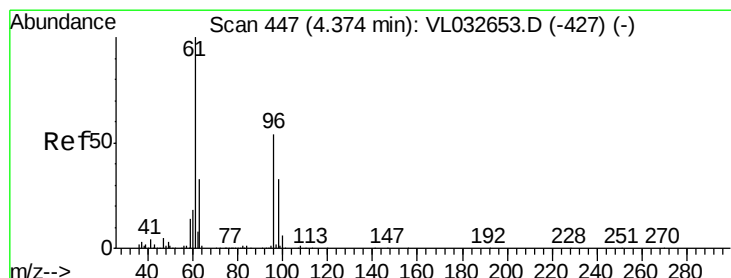
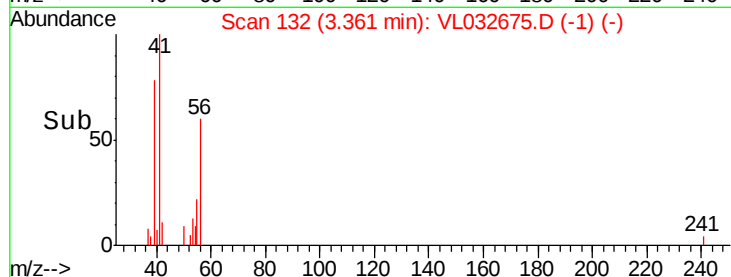
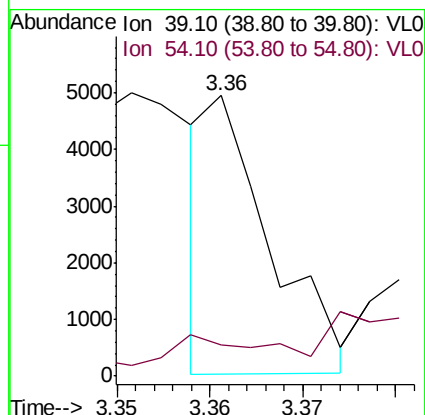
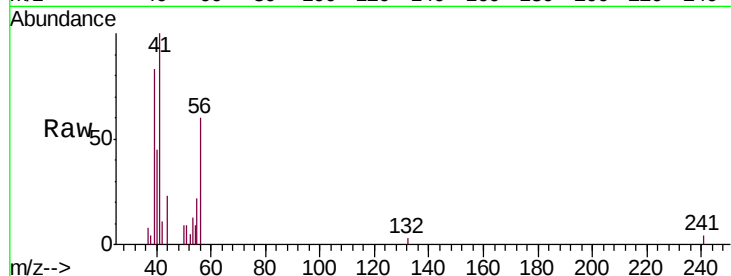
A-4

Tgt Ion: 39 Resp: 2293

Ion Ratio Lower Upper

39 100

54 105.5 90.4 135.6



#17

tert-Butyl alcohol

Concen: 0.145 ppbv

RT: 4.38 min Scan# 448

Delta R.T. 0.00 min

Lab File: VL032675.D

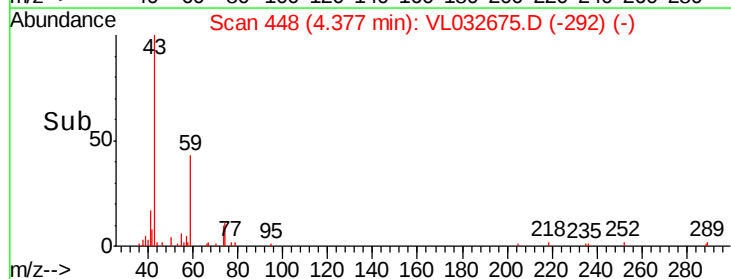
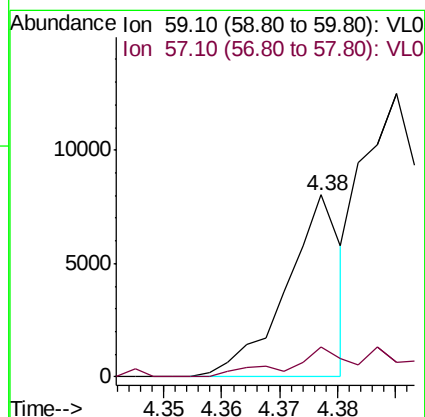
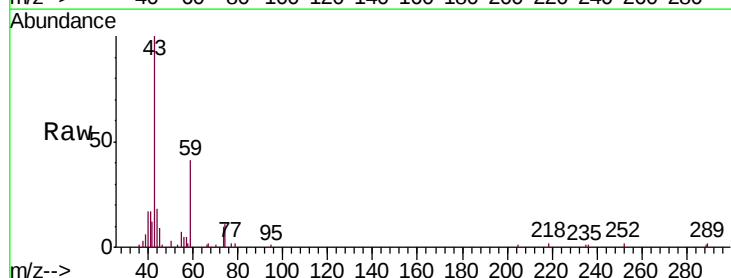
Acq: 19 Oct 2018 9:01

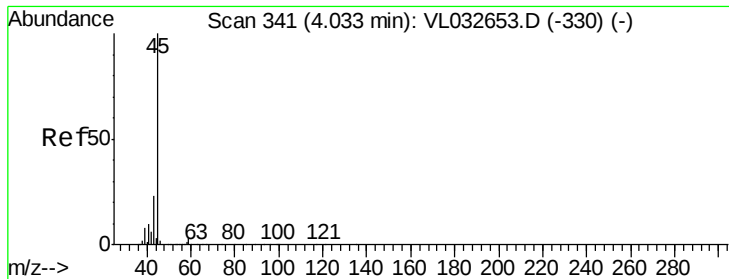
Tgt Ion: 59 Resp: 5272

Ion Ratio Lower Upper

59 100

57 44.2 0.0 0.0#





#19

Isopropyl Alcohol

Concen: 8.435 ppbv

RT: 4.05 min Scan# 345

Delta R.T. 0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

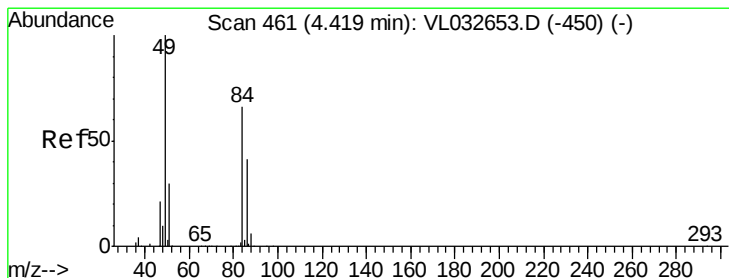
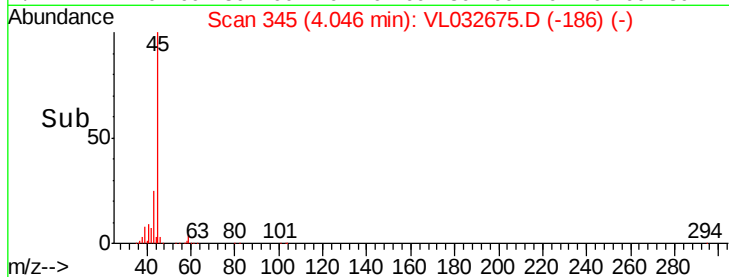
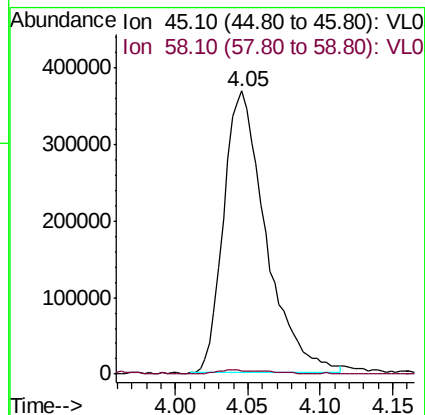
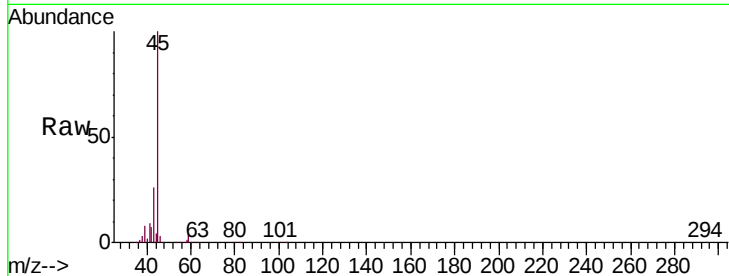
A-4

Tgt Ion: 45 Resp: 742880

Ion Ratio Lower Upper

45 100

58 1.7 2.0 3.0#



#20

Methylene Chloride

Concen: 1.929 ppbv

RT: 4.42 min Scan# 462

Delta R.T. 0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Tgt Ion: 84 Resp: 121070

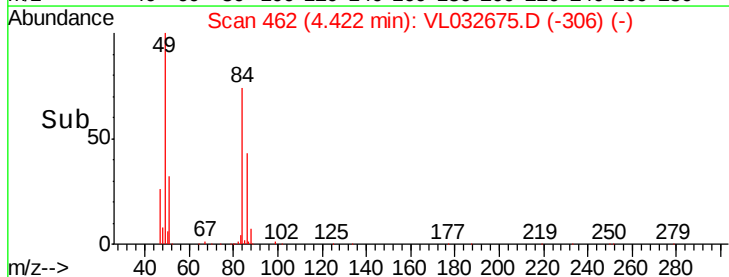
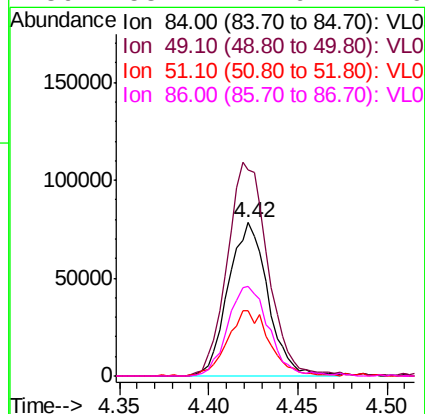
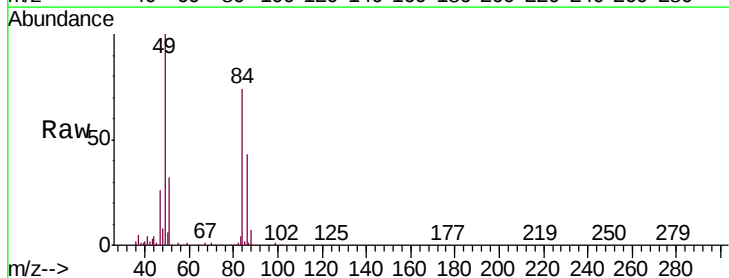
Ion Ratio Lower Upper

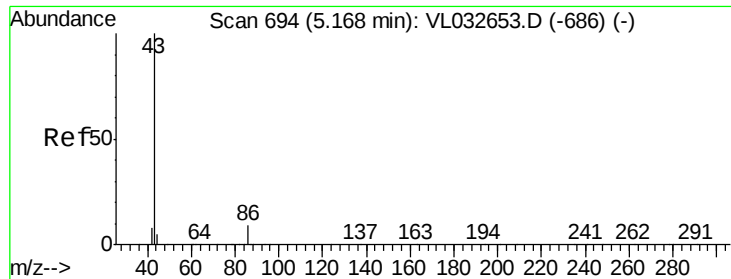
84 100

49 133.8 113.5 170.3

51 42.8 34.8 52.2

86 58.4 47.9 71.9





#23

Vinyl Acetate

Concen: 0.168 ppbv

RT: 5.16 min Scan# 691

Delta R.T. -0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

Tgt Ion: 43 Resp: 36785

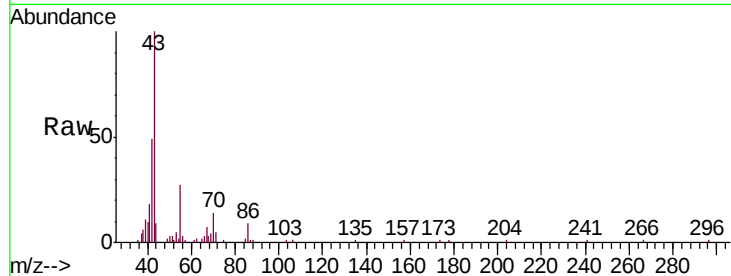
Ion Ratio Lower Upper

43 100

86 9.8 6.1 9.1#

42 43.9 7.4 11.2#

44 0.0 4.2 6.2#

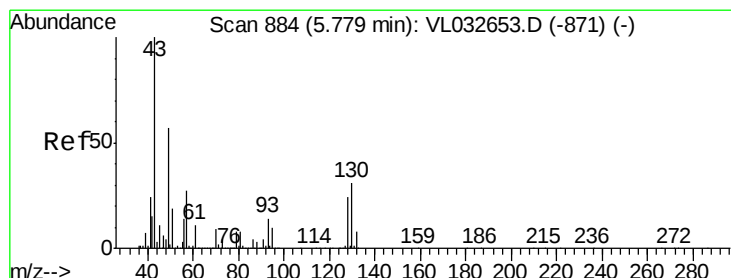
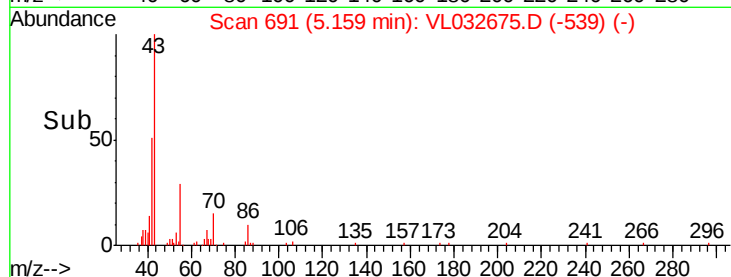
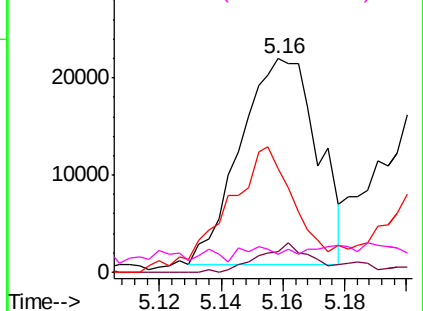


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.004 ppbv

RT: 5.79 min Scan# 887

Delta R.T. 0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Tgt Ion: 43 Resp: 285893

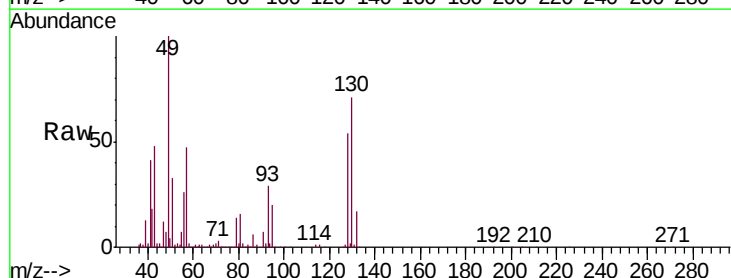
Ion Ratio Lower Upper

43 100

45 6.2 8.0 12.0#

61 4.2 8.0 12.0#

70 4.2 5.9 8.9#

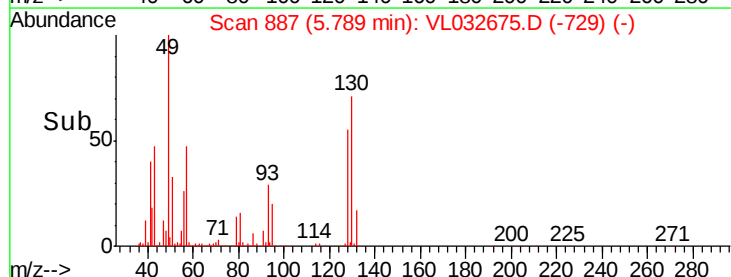
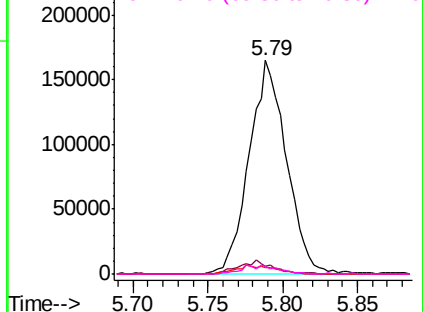


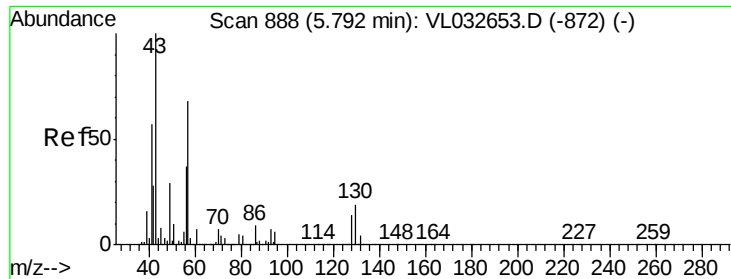
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

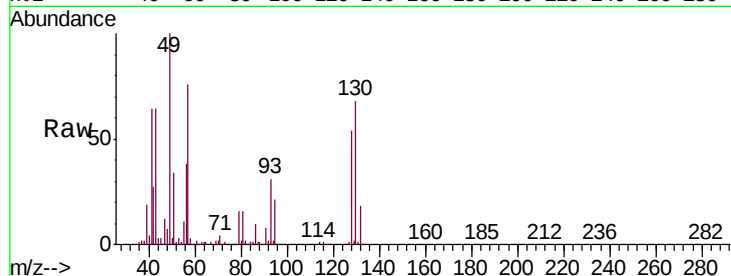




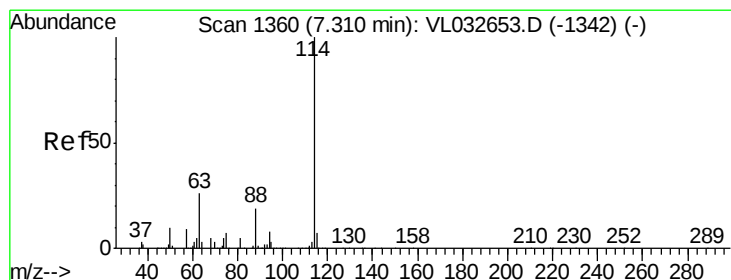
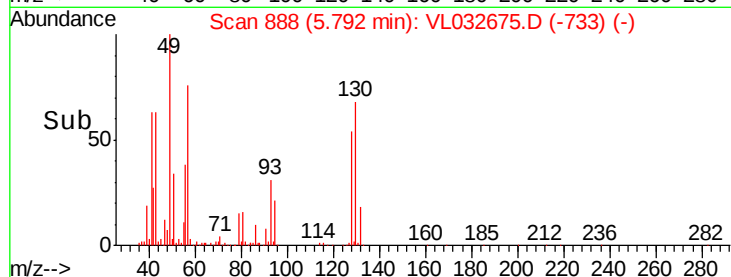
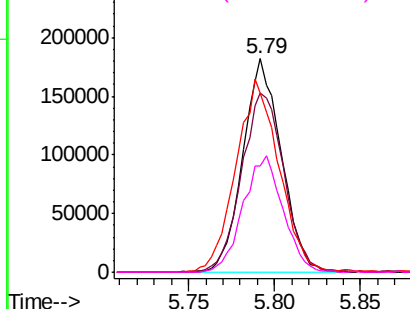
#26
Hexane
Concen: 2.097 ppbv
RT: 5.79 min Scan# 888
Delta R.T. -0.00 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

Instrument :
MSVOA_L
ClientSampleId :
A-4

Tgt Ion: 57 Resp: 282490
Ion Ratio Lower Upper
57 100
41 92.5 67.4 101.0
43 102.2 171.9 257.9#
56 56.4 42.6 63.8

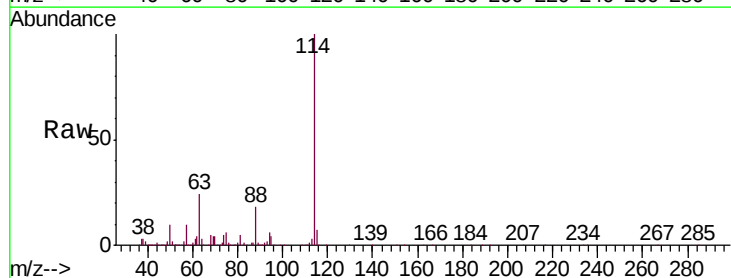


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

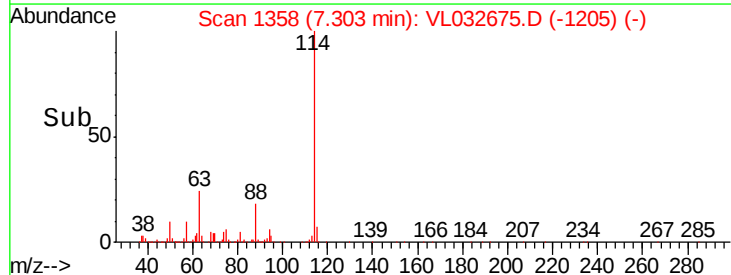
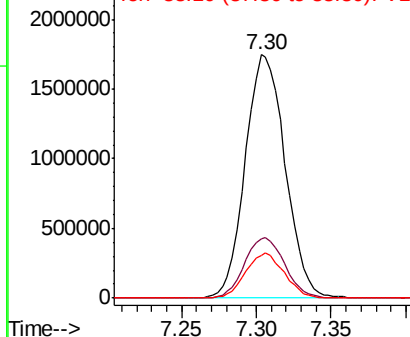


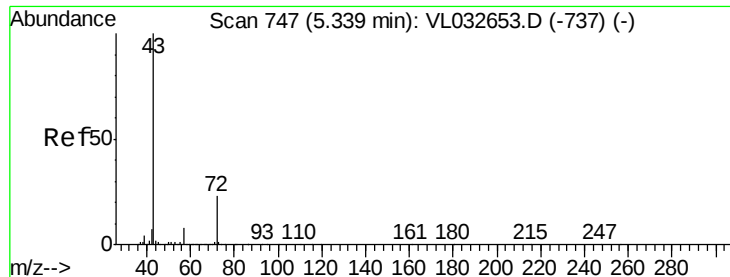
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1358
Delta R.T. -0.01 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

Tgt Ion: 114 Resp: 3245833
Ion Ratio Lower Upper
114 100
63 25.1 21.7 32.5
88 18.0 14.9 22.3



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: 0.706 ppbv

RT: 5.35 min Scan# 750

Delta R.T. 0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampled :

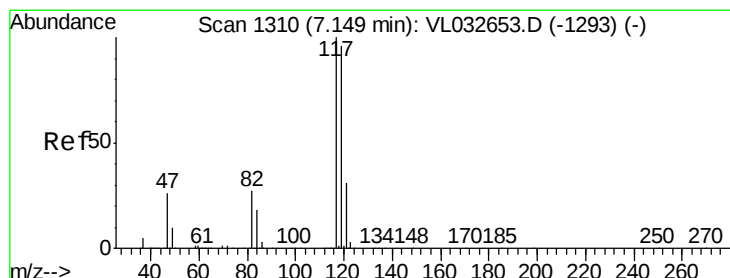
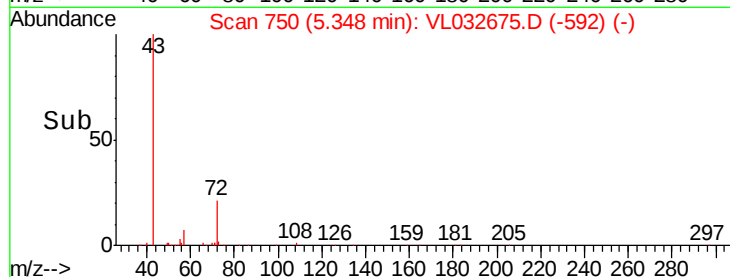
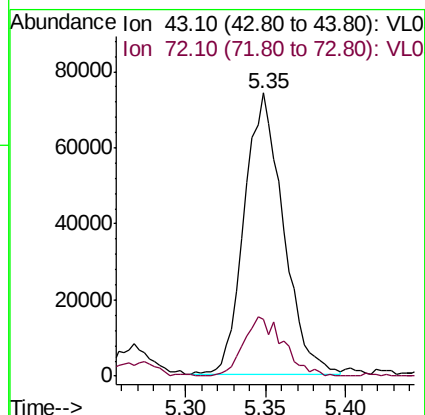
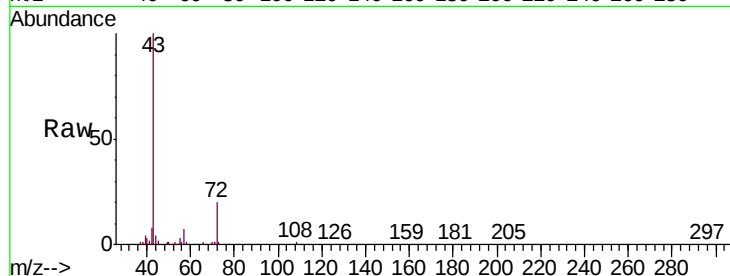
A-4

Tgt Ion: 43 Resp: 122908

Ion Ratio Lower Upper

43 100

72 21.6 18.6 27.8



#35

Carbon Tetrachloride

Concen: 0.081 ppbv

RT: 7.15 min Scan# 1309

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

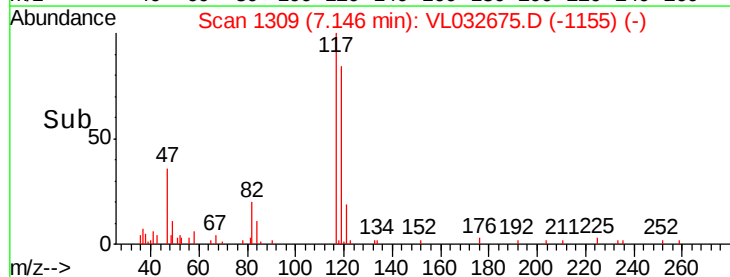
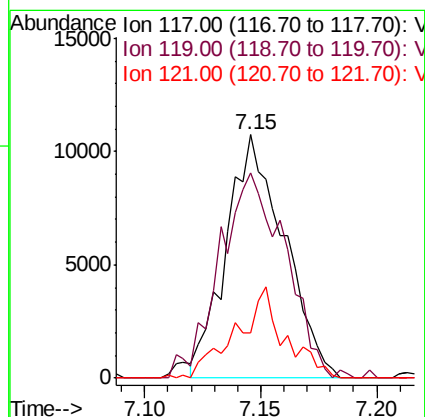
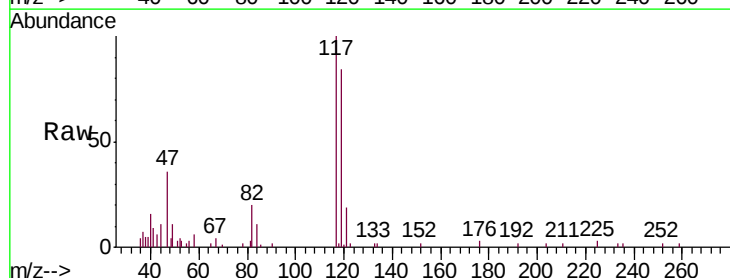
Tgt Ion: 117 Resp: 18554

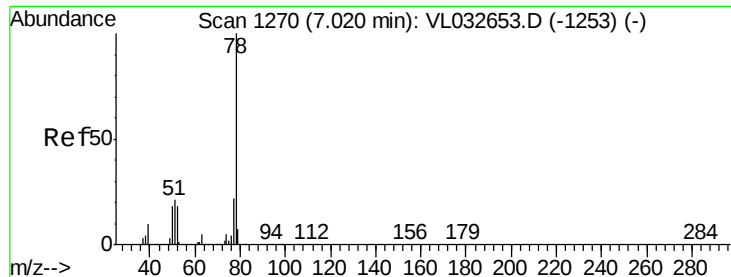
Ion Ratio Lower Upper

117 100

119 79.3 75.7 113.5

121 18.2 24.7 37.1#





#36

Benzene

Concen: 0.155 ppbv

RT: 7.02 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

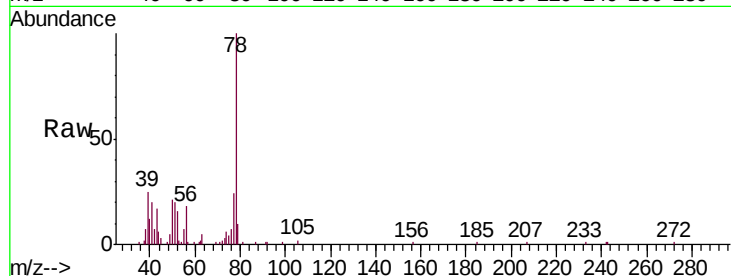
Tgt Ion: 78 Resp: 40738

Ion Ratio Lower Upper

78 100

77 24.5 18.1 27.1

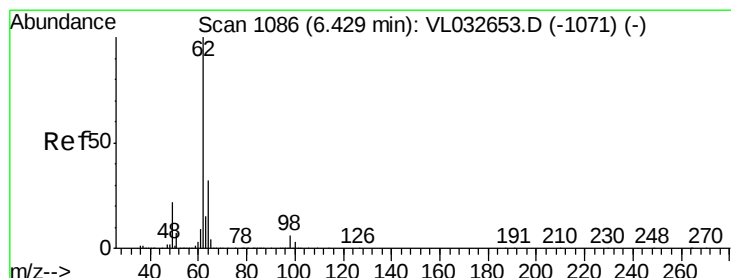
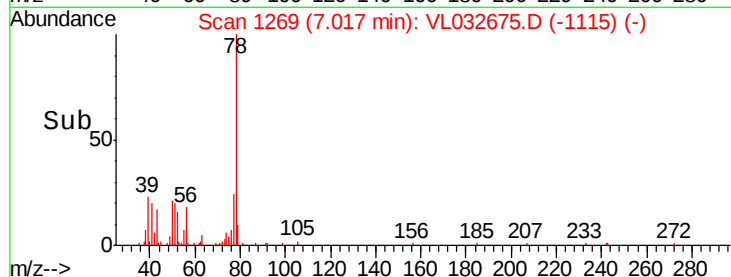
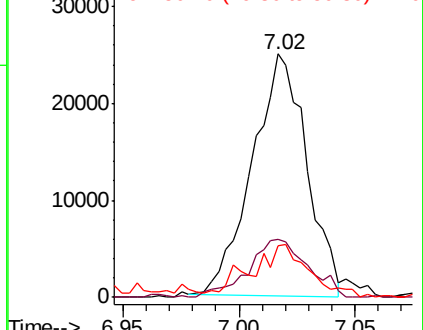
50 18.4 15.1 22.7



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: 0.022 ppbv

RT: 6.42 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VL032675.D

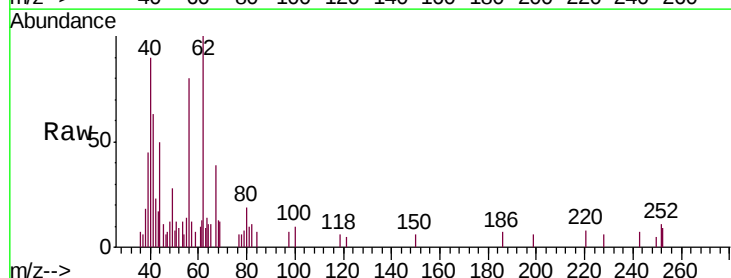
Acq: 19 Oct 2018 9:01

Tgt Ion: 62 Resp: 3539

Ion Ratio Lower Upper

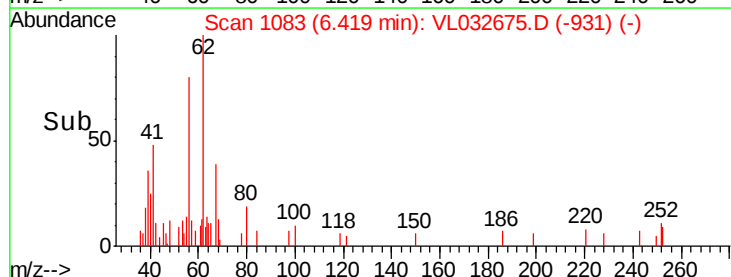
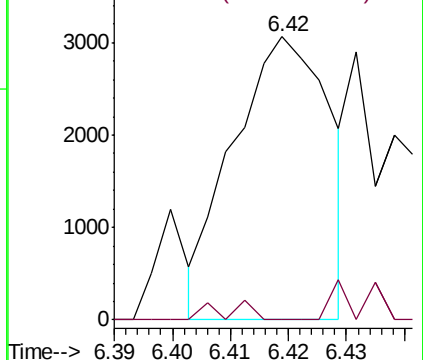
62 100

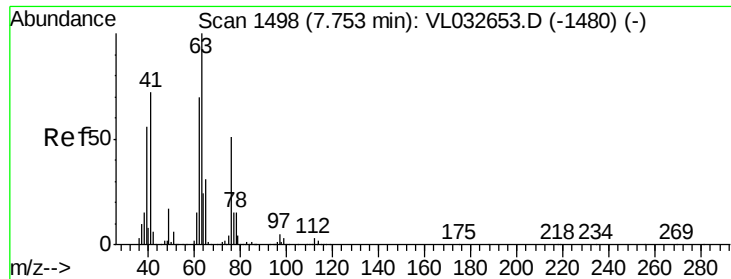
98 2.1 4.4 6.6#



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

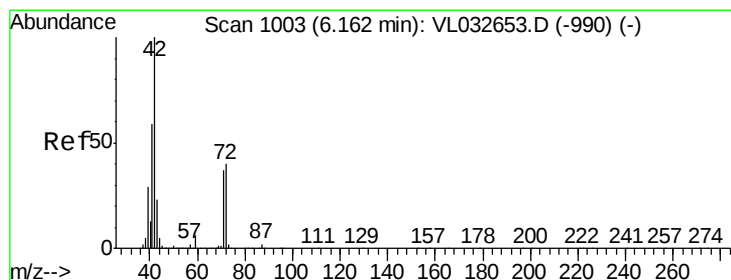
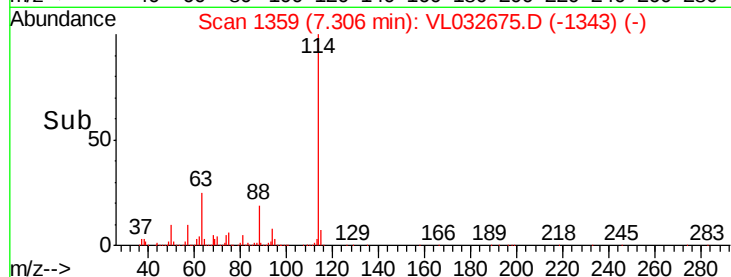
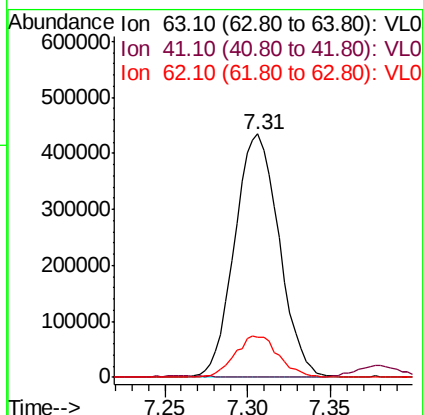
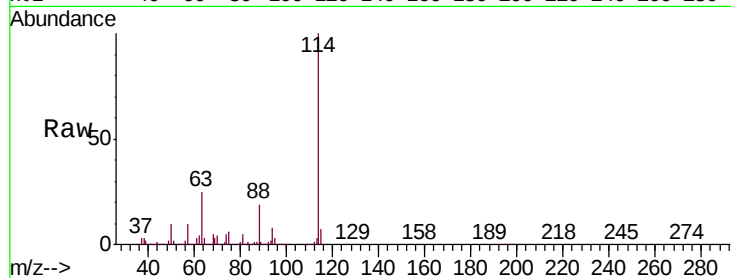




#39
 1,2-Dichloropropane
 Concen: 7.918 ppbv
 RT: 7.31 min Scan# 1359
 Delta R.T. -0.45 min
 Lab File: VL032675.D
 Acq: 19 Oct 2018 9:01

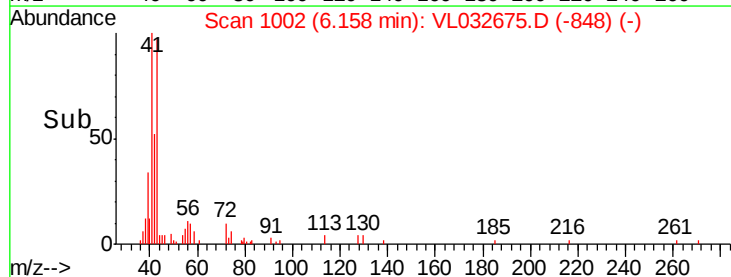
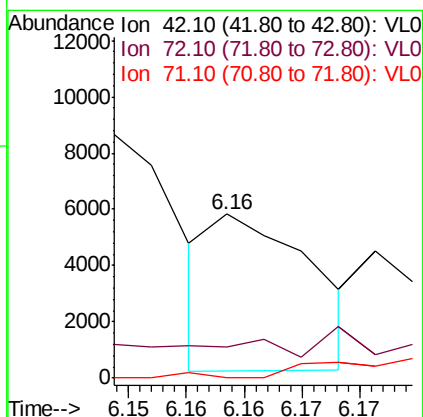
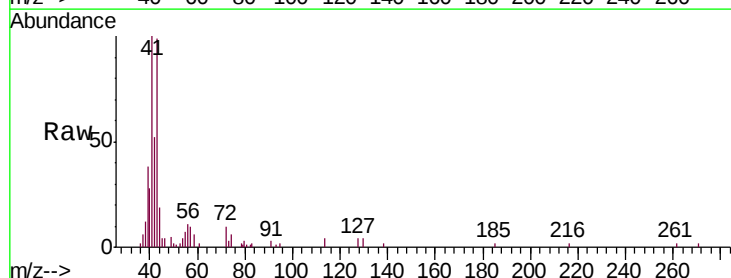
Instrument :
 MSVOA_L
 ClientSampleID :
 A-4

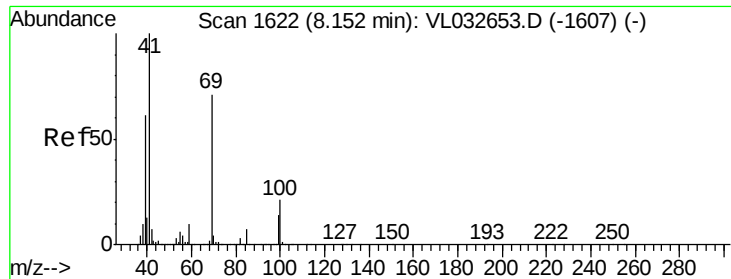
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.2	84.4#
62	16.3	54.4	81.6#



#41
 Tetrahydrofuran
 Concen: 0.035 ppbv
 RT: 6.16 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: VL032675.D
 Acq: 19 Oct 2018 9:01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.4	48.6#
71	0.0	31.3	46.9#

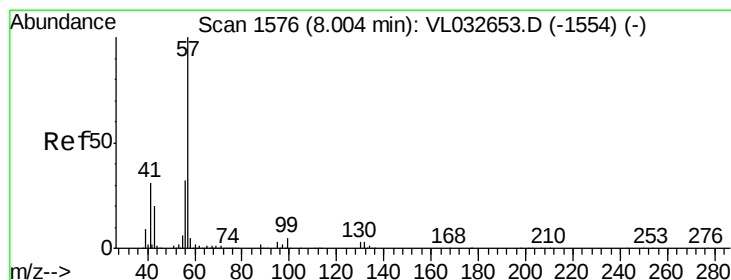
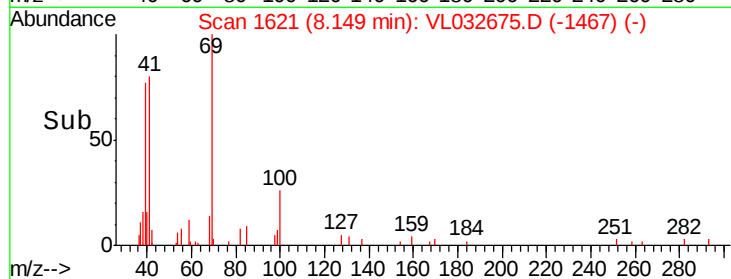
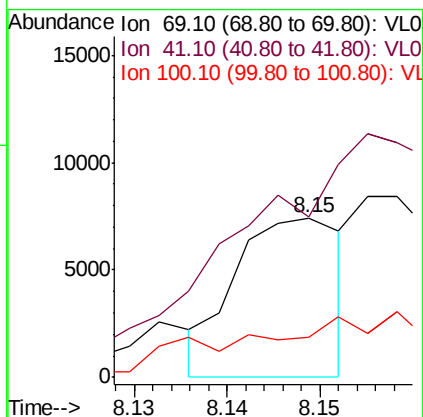
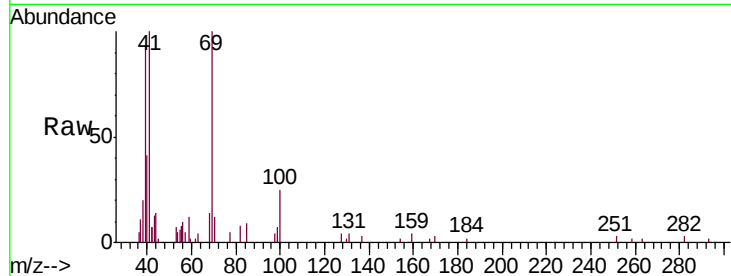




#43
Methyl Methacrylate
Concen: 0.062 ppbv
RT: 8.15 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

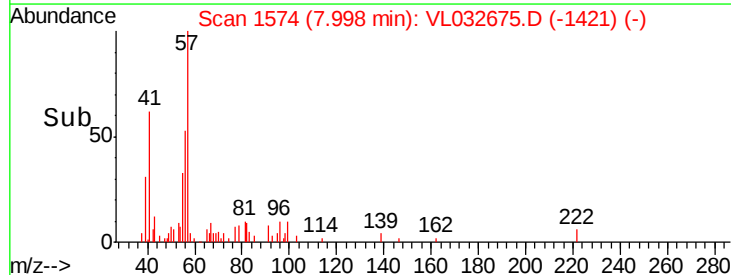
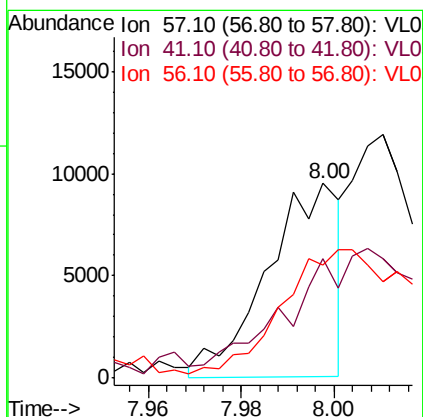
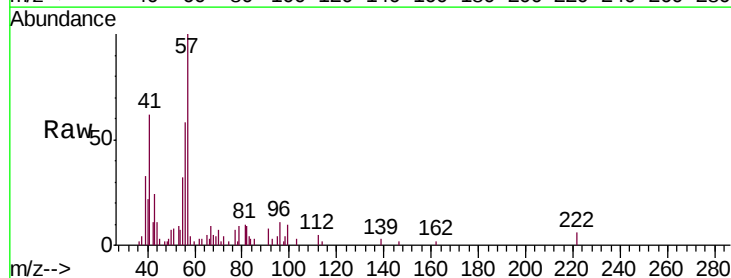
Instrument :
MSVOA_L
ClientSampled :
A-4

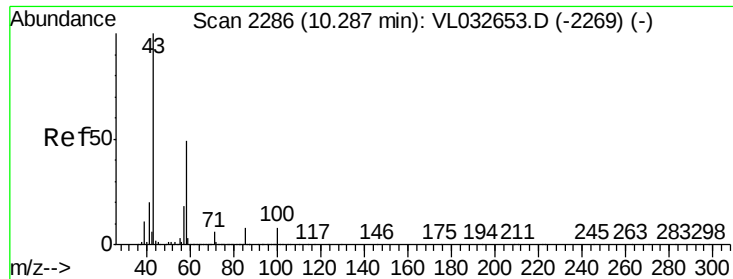
Tgt Ion: 69 Resp: 5946
Ion Ratio Lower Upper
69 100
41 0.0 113.2 169.8#
100 0.0 24.4 36.6#



#44
2,2,4-Trimethylpentane
Concen: 0.023 ppbv
RT: 8.00 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

Tgt Ion: 57 Resp: 10215
Ion Ratio Lower Upper
57 100
41 0.0 24.7 37.1#
56 144.0 25.0 37.4#

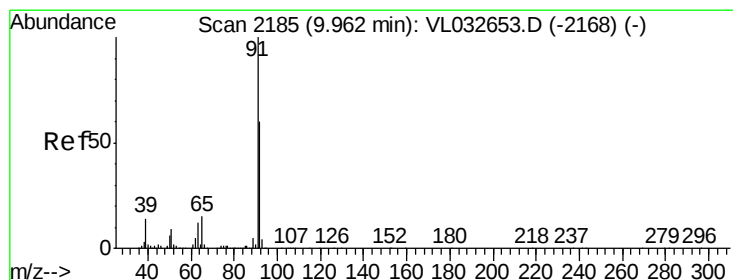
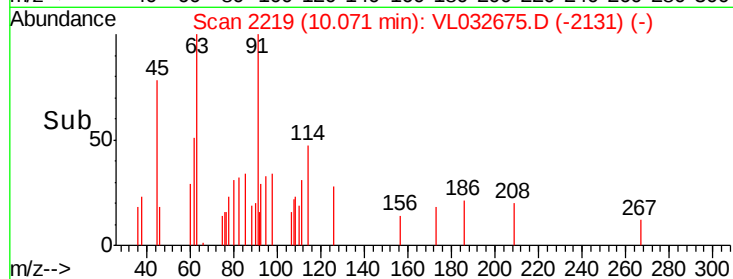
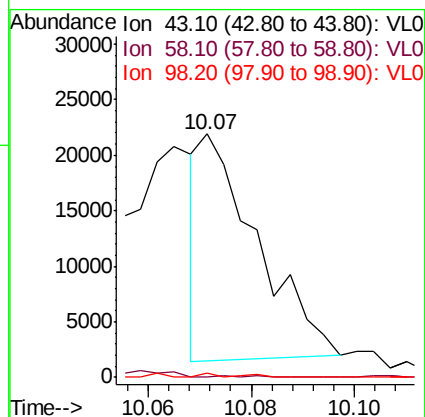
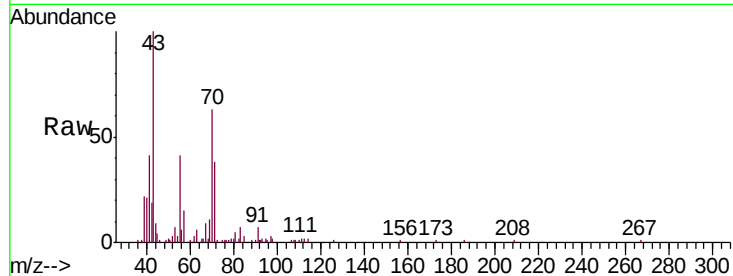




#51
2-Hexanone
Concen: 0.081 ppbv
RT: 10.07 min Scan# 2219
Delta R.T. -0.22 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

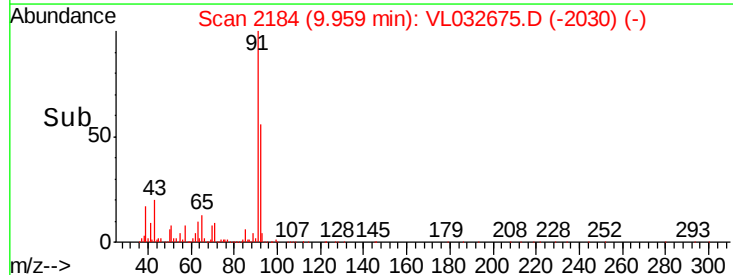
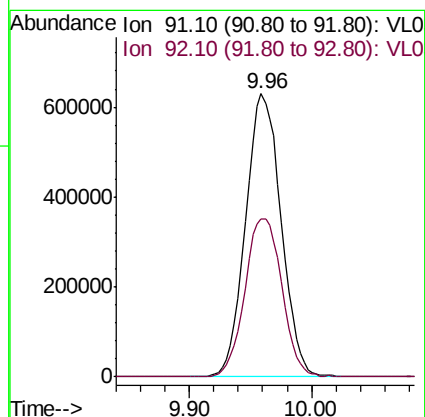
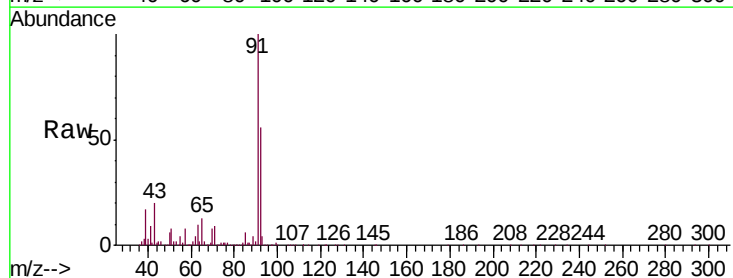
Instrument :
MSVOA_L
ClientSampled :
A-4

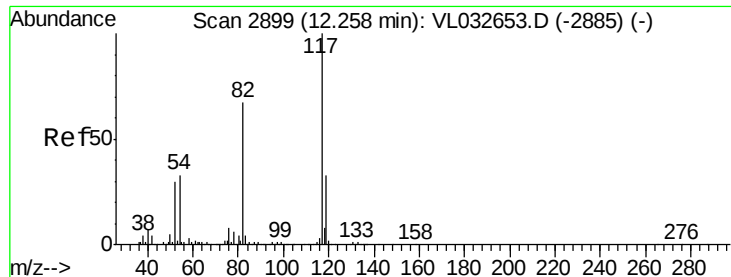
Tgt Ion: 43 Resp: 15592
Ion Ratio Lower Upper
43 100
58 1.4 40.4 60.6#
98 1.4 0.4 0.6#



#53
Toluene
Concen: 4.178 ppbv
RT: 9.96 min Scan# 2184
Delta R.T. -0.00 min
Lab File: VL032675.D
Acq: 19 Oct 2018 9:01

Tgt Ion: 91 Resp: 1262456
Ion Ratio Lower Upper
91 100
92 58.4 48.4 72.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.25 min Scan# 2898

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

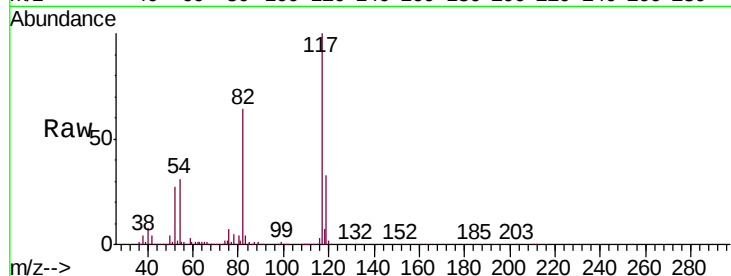
Tgt Ion:117 Resp: 3143597

Ion Ratio Lower Upper

117 100

82 64.8 52.7 79.1

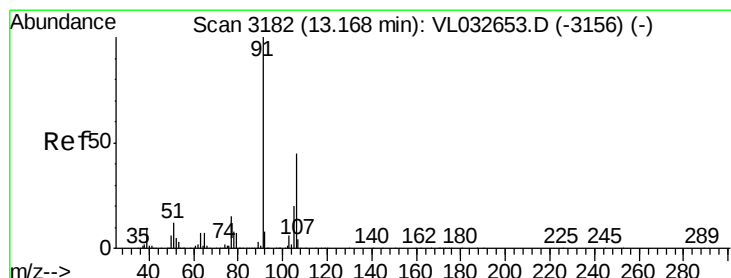
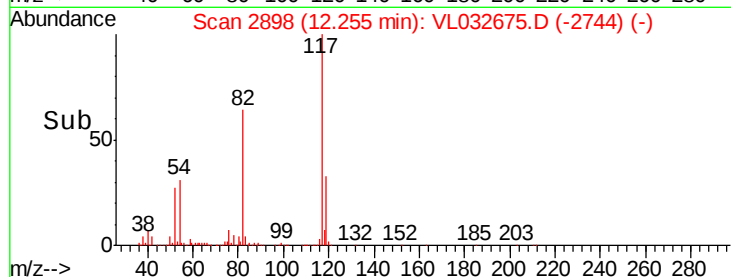
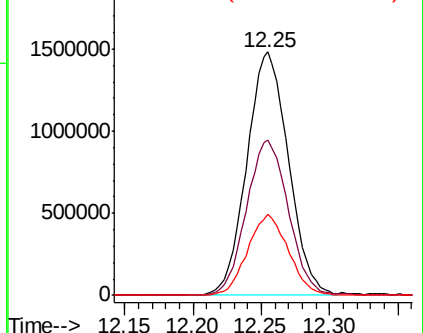
119 32.7 26.7 40.1



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#59

m/p-Xylene

Concen: 0.033 ppbv

RT: 13.16 min Scan# 3180

Delta R.T. -0.01 min

Lab File: VL032675.D

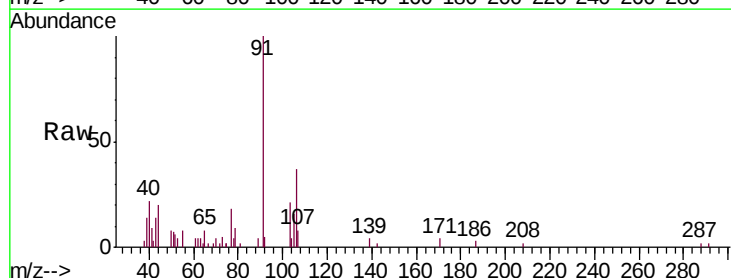
Acq: 19 Oct 2018 9:01

Tgt Ion: 91 Resp: 10587

Ion Ratio Lower Upper

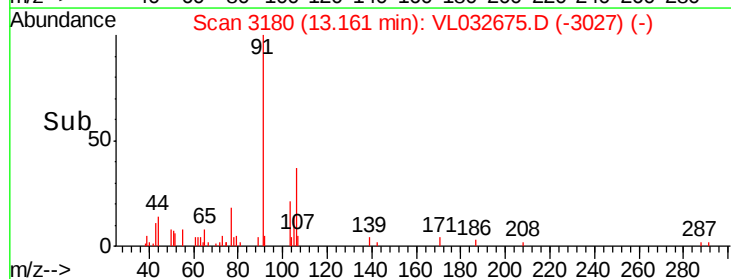
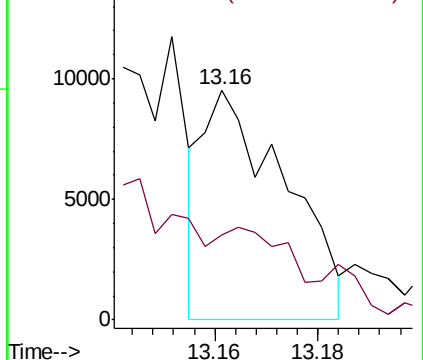
91 100

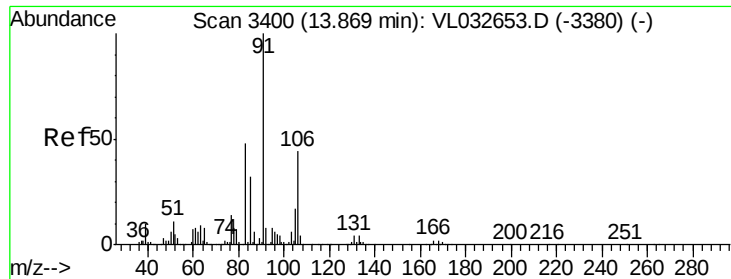
106 0.0 35.9 53.9#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V





#60

o-Xylene

Concen: 0.024 ppbv

RT: 13.87 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampled :

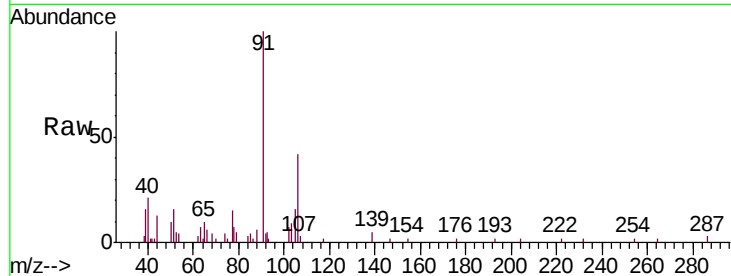
A-4

Tgt Ion: 91 Resp: 7414

Ion Ratio Lower Upper

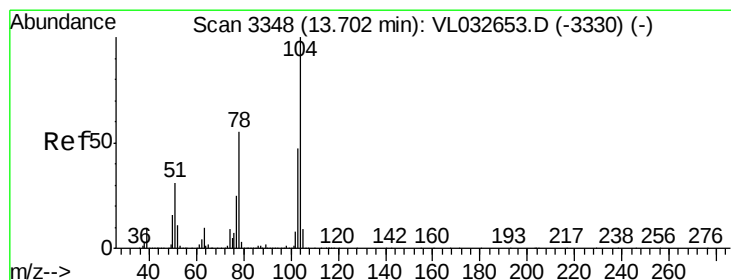
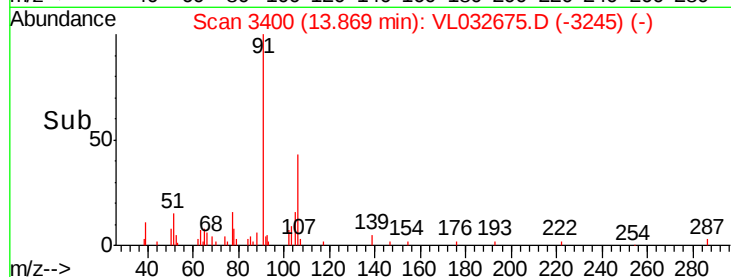
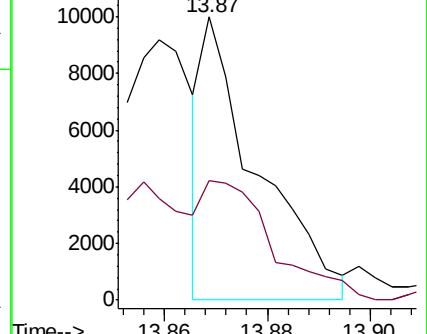
91 100

106 124.9 22.1 66.1#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V



#61

Styrene

Concen: 0.027 ppbv

RT: 13.70 min Scan# 3348

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

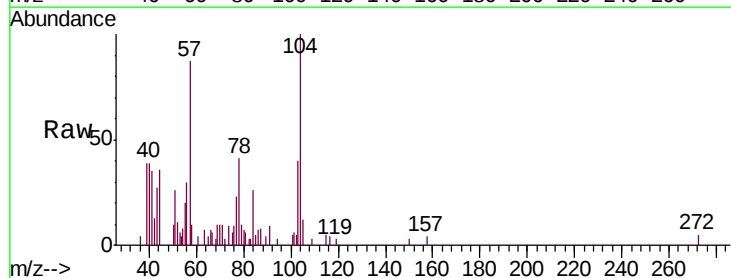
Tgt Ion: 104 Resp: 5634

Ion Ratio Lower Upper

104 100

78 108.5 42.8 64.2#

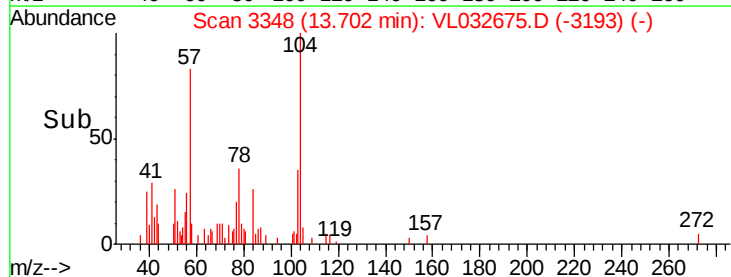
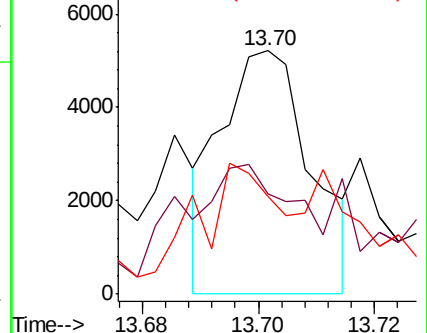
103 100.1 37.4 56.0#

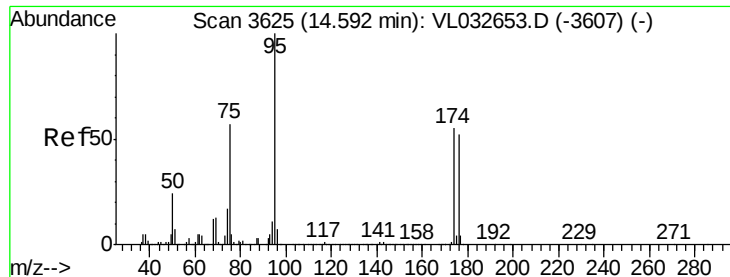


Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VL0

Ion 103.10 (102.80 to 103.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.817 ppbv

RT: 14.59 min Scan# 3624

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

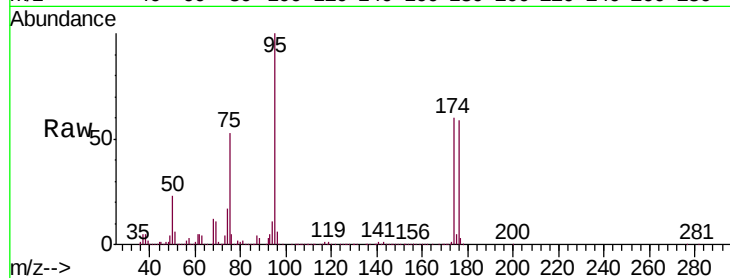
Tgt Ion: 95 Resp: 2297870

Ion Ratio Lower Upper

95 100

174 63.4 46.0 69.0

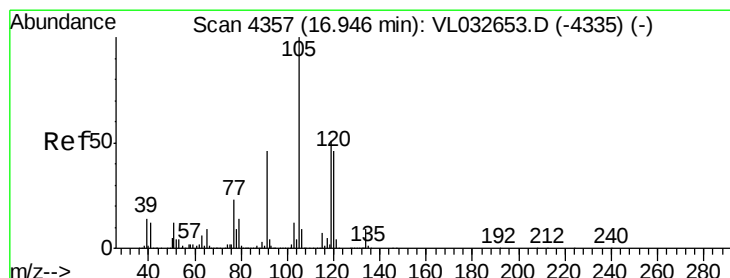
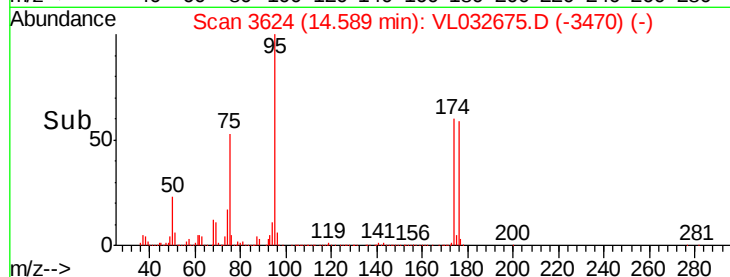
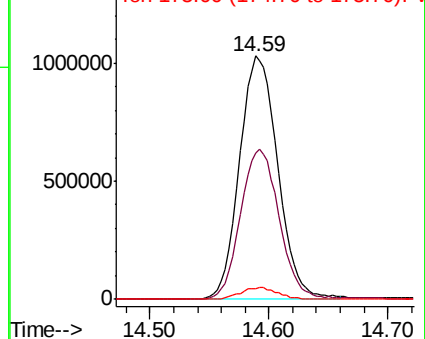
175 4.8 3.4 5.0



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: 0.100 ppbv

RT: 16.94 min Scan# 4355

Delta R.T. -0.01 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Tgt Ion: 105 Resp: 34913

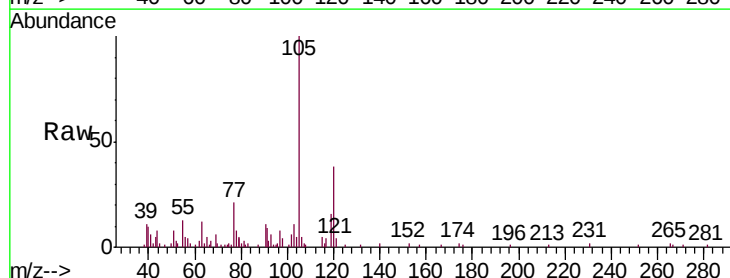
Ion Ratio Lower Upper

105 100

120 36.3 35.8 53.8

91 18.4 33.2 49.8#

77 18.5 16.2 24.4

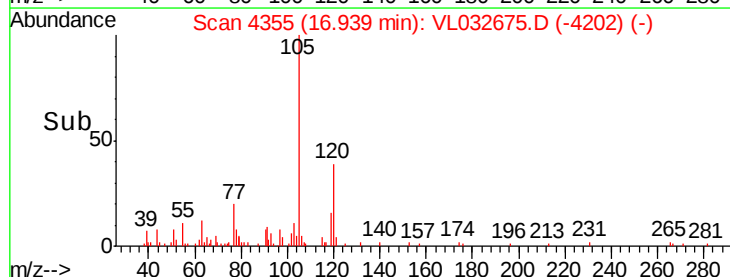
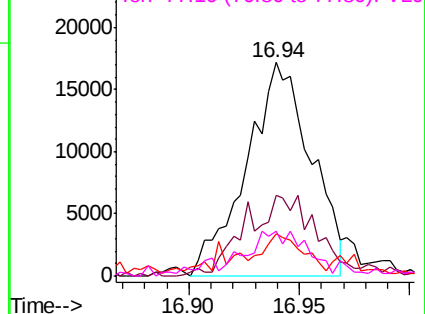


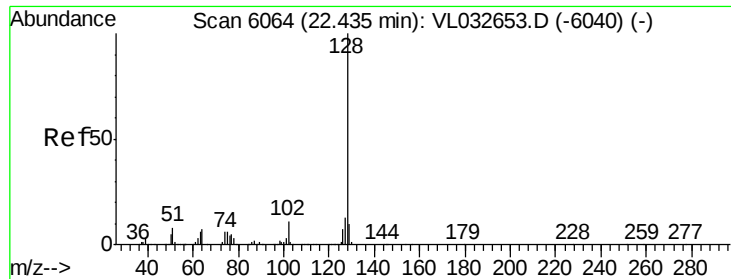
Abundance Ion 105.10 (104.80 to 105.80): V

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





#79

Naphthalene

Concen: 0.022 ppbv

RT: 22.43 min Scan# 6064

Delta R.T. -0.00 min

Lab File: VL032675.D

Acq: 19 Oct 2018 9:01

Instrument :

MSVOA_L

ClientSampleId :

A-4

Tgt Ion:128 Resp: 4806

Ion Ratio Lower Upper

128 100

127 50.3 10.3 15.5#

129 8.4 8.6 13.0#

