

Data File : VL032615.D
Acq On : 11 Oct 2018 22:07
Operator : SY/AP
Sample : J5370-02
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

Quant Time: Oct 12 01:57:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL092418AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018
QLast Update : Mon Oct 01 06:49:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.80	49	1412731	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	3146493	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3334727	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2356140	9.37	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.70%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	31991	0.245	ppbv	98
3) Chlorodifluoromethane	3.03	51	32911	0.280	ppbv	100
4) Chloromethane	3.18	50	45029	0.657	ppbv	89
7) Chloroethane	3.62	64	1431	0.058	ppbv #	72
9) Propene	3.05	41	6063115	118.948	ppbv	96
10) Heptane	8.27	43	170810	0.914	ppbv	92
11) Trichlorofluoromethane	4.03	101	25282	0.163	ppbv #	83
12) 1,1,2-Trichlorotrifluoroet	4.58	101	8376	0.066	ppbv	97
13) Ethanol	3.68	45	535900	34.977	ppbv	98
15) Acetone	3.92	43	18905302	152.454	ppbv #	66
16) 1,3-Butadiene	3.41	39	436215	8.674	ppbv #	1
17) tert-Butyl alcohol	4.39	59	862780	55.367	ppbv #	100
19) Isopropyl Alcohol	4.06	45	231844	2.684	ppbv #	93
20) Methylene Chloride	4.44	84	174787	2.911	ppbv	98
21) Allyl Chloride	4.45	41	69923	0.690	ppbv #	23
23) Vinyl Acetate	5.17	43	1053891	4.810	ppbv #	81
25) Ethyl Acetate	5.80	43	347499	1.155	ppbv #	86
26) Hexane	5.80	57	389001	2.862	ppbv #	1
27) Carbon Disulfide	4.64	76	638241	4.368	ppbv	100
28) Methyl tert-Butyl Ether	5.14	73	7348	0.043	ppbv #	51
30) Cyclohexane	7.27	84	3598	0.033	ppbv #	1
34) 2-Butanone	5.35	43	14151374	75.525	ppbv #	89
36) Benzene	7.04	78	4328019	17.020	ppbv	99
39) 1,2-Dichloropropane	7.33	63	828509	7.230	ppbv #	27
41) Tetrahydrofuran	6.18	42	3067	0.030	ppbv #	1
42) Bromodichloromethane	7.95	83	6975	0.030	ppbv #	24
43) Methyl Methacrylate	8.21	69	88716	0.835	ppbv #	58
44) 2,2,4-Trimethylpentane	7.96	57	76112	0.153	ppbv #	1
50) 4-Methyl-2-Pentanone	8.91	43	45220	0.154	ppbv	89
51) 2-Hexanone	10.29	43	3698530	15.184	ppbv #	97
52) Tetrachloroethene	11.41	164	6587	0.074	ppbv #	65
53) Toluene	9.98	91	157445	0.508	ppbv #	29
58) Ethyl Benzene	12.90	91	17006	0.042	ppbv	99
59) m/p-Xylene	13.19	91	13456	0.037	ppbv #	31
61) Styrene	13.71	104	7665	0.033	ppbv #	1
74) 1,2,4-Trimethylbenzene	16.96	105	19692	0.049	ppbv #	57

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

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Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

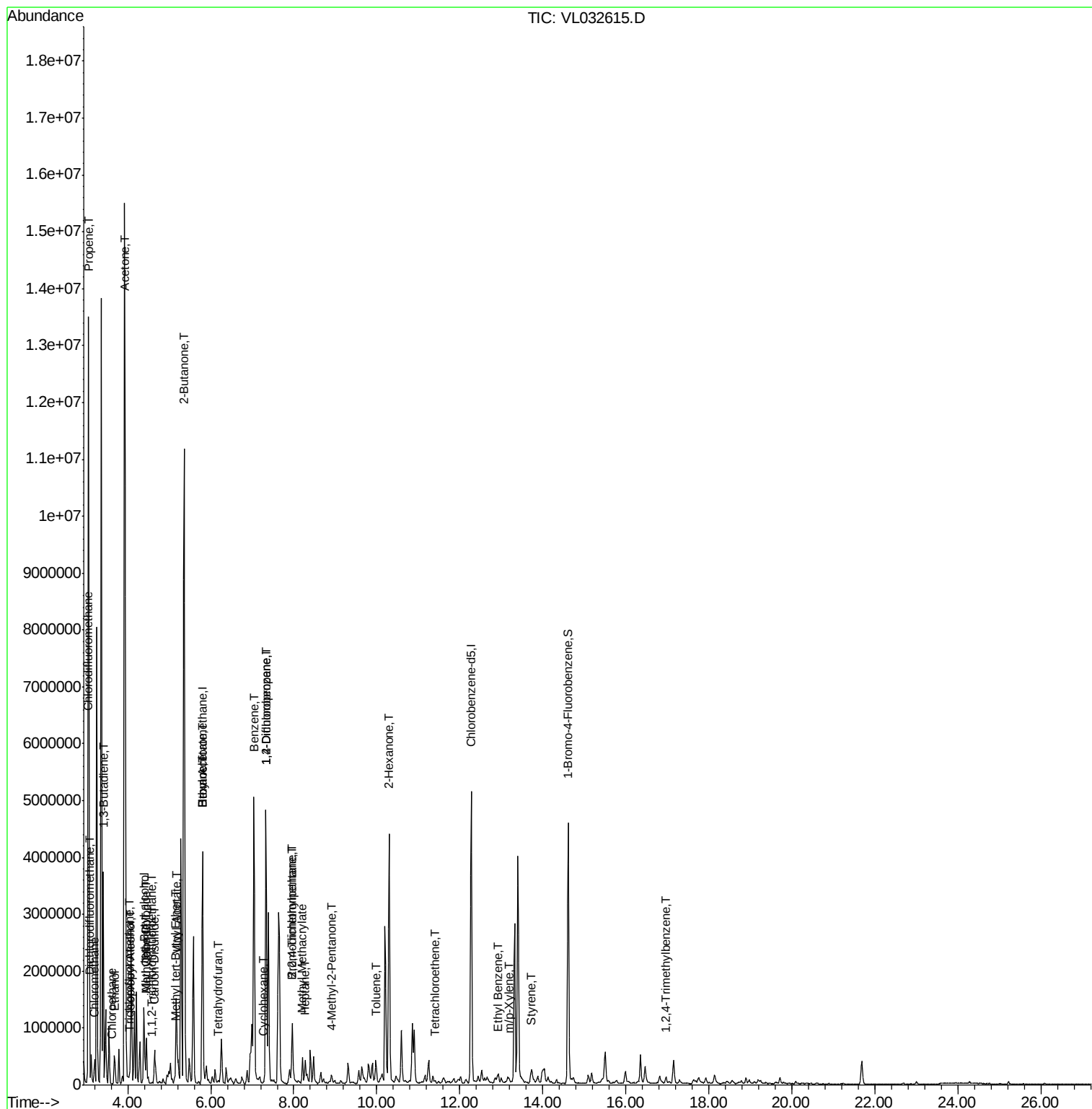
Quant Time: Oct 12 01:57:10 2018

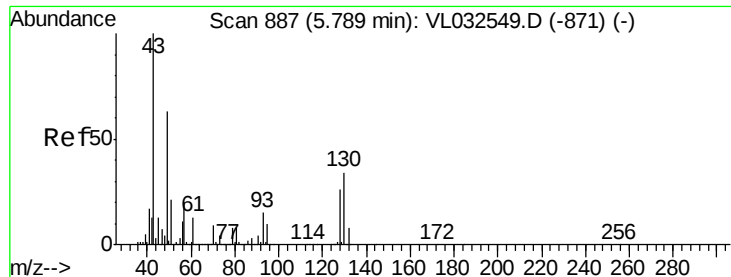
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_L\METHODS\VL092418AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 01 06:49:26 2018

QLast Update : Mon Oct 01 06:49:26 2018

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

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Q2-SVI-100518

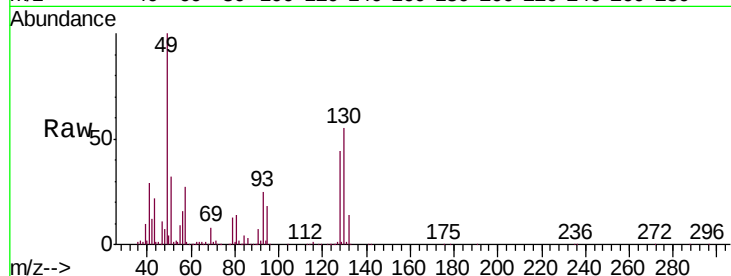
Tgt Ion: 49 Resp: 1412731

Ion Ratio Lower Upper

49 100

128 44.0 20.7 62.1

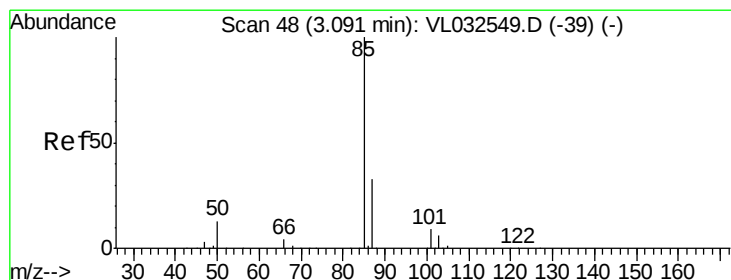
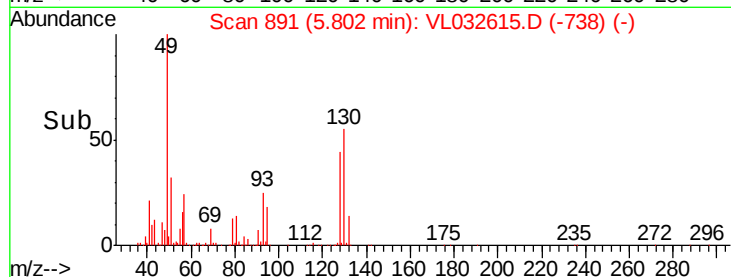
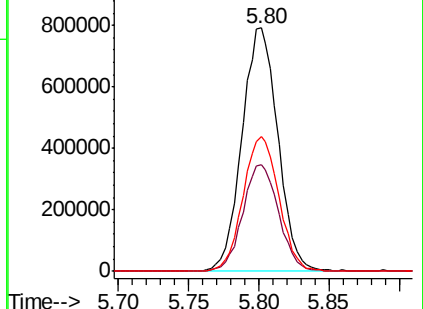
130 55.4 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 0.245 ppbv

RT: 3.09 min Scan# 48

Delta R.T. -0.02 min

Lab File: VL032615.D

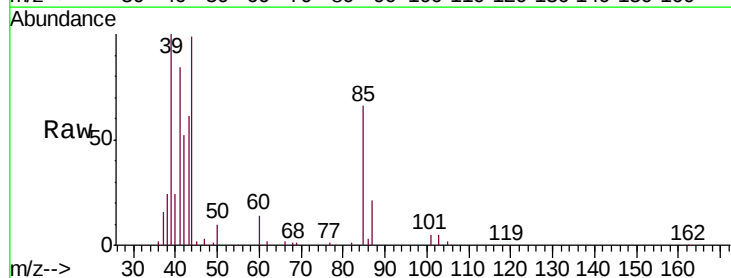
Acq: 11 Oct 2018 22:07

Tgt Ion: 85 Resp: 31991

Ion Ratio Lower Upper

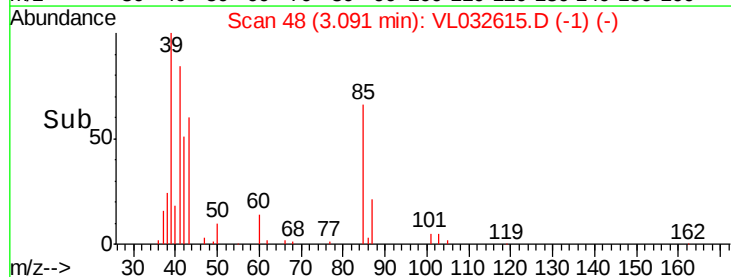
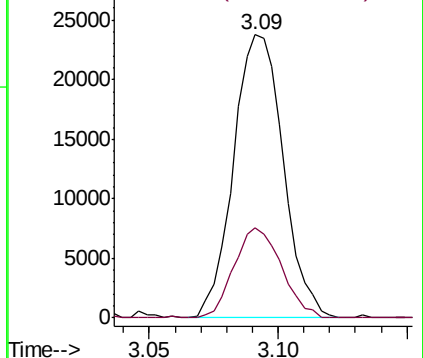
85 100

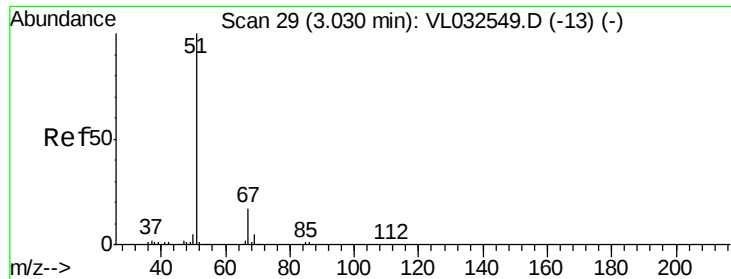
87 31.6 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 0.280 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

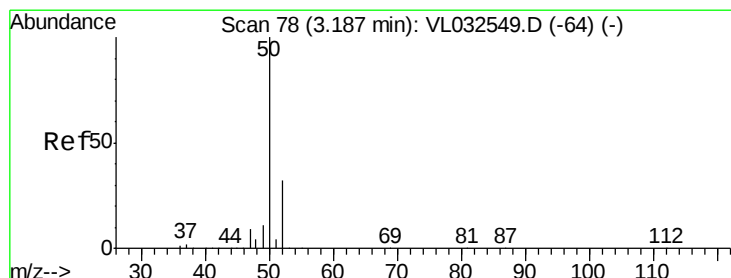
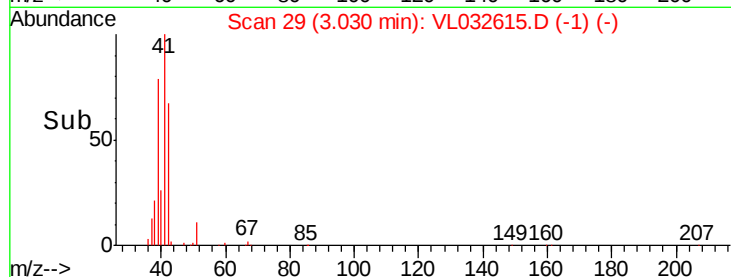
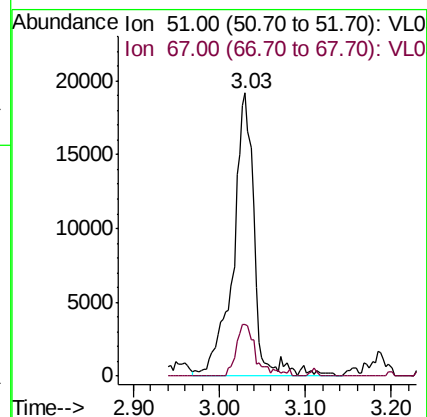
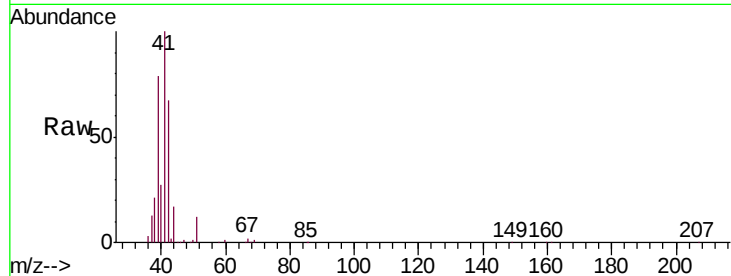
Q2-SVI-100518

Tgt Ion: 51 Resp: 32911

Ion Ratio Lower Upper

51 100

67 17.1 13.8 20.8



#4

Chloromethane

Concen: 0.657 ppbv

RT: 3.18 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL032615.D

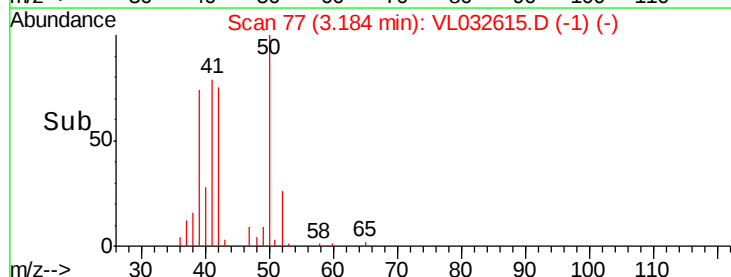
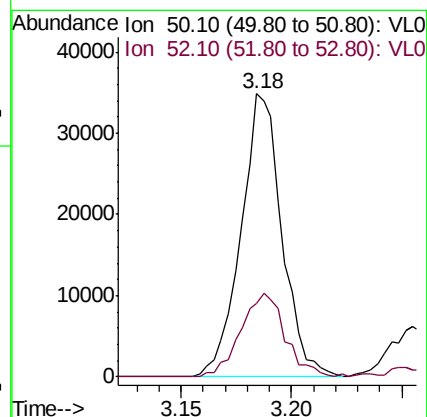
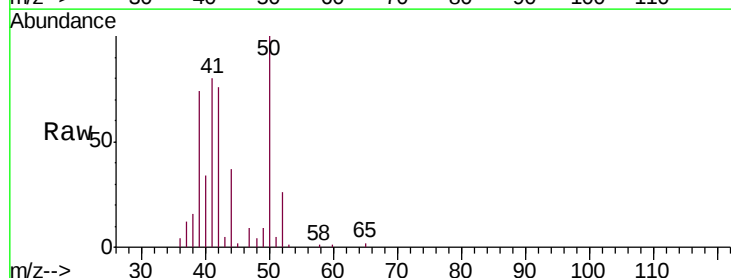
Acq: 11 Oct 2018 22:07

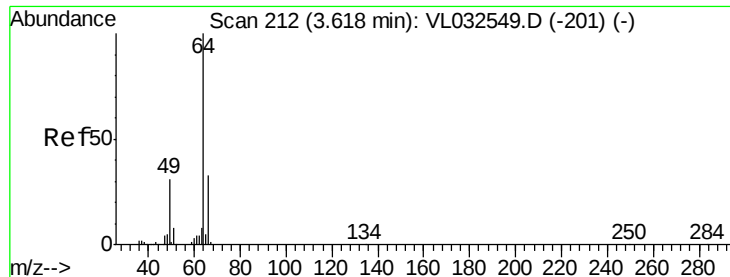
Tgt Ion: 50 Resp: 45029

Ion Ratio Lower Upper

50 100

52 26.1 25.6 38.4





#7

Chloroethane

Concen: 0.058 ppbv

RT: 3.62 min Scan# 214

Delta R.T. -0.01 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

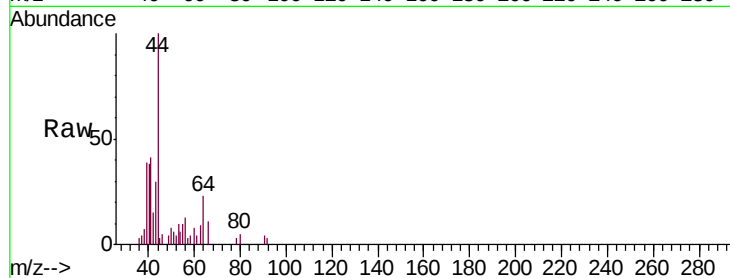
Q2-SVI-100518

Tgt Ion: 64 Resp: 1431

Ion Ratio Lower Upper

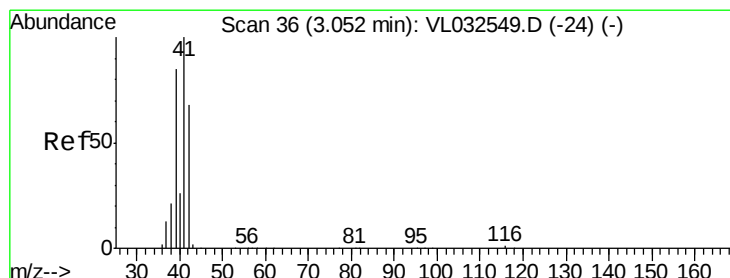
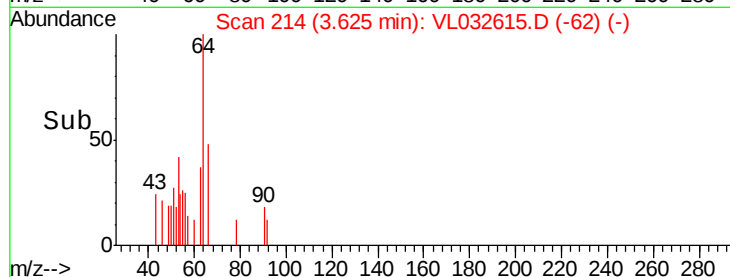
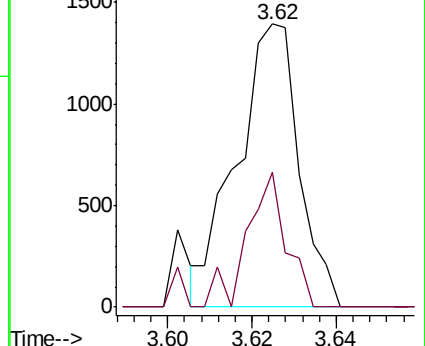
64 100

66 47.6 25.8 38.6#



Abundance Ion 64.10 (63.80 to 64.80): VL0

Ion 66.10 (65.80 to 66.80): VL0



#9

Propene

Concen: 118.948 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032615.D

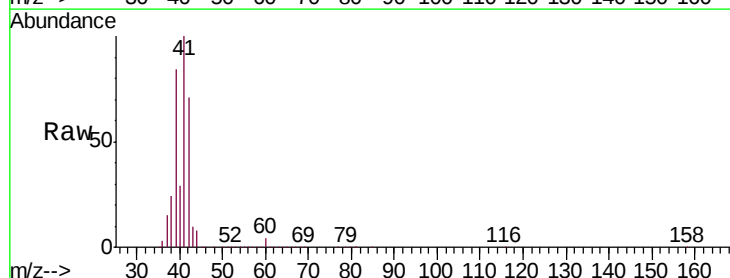
Acq: 11 Oct 2018 22:07

Tgt Ion: 41 Resp: 6063115

Ion Ratio Lower Upper

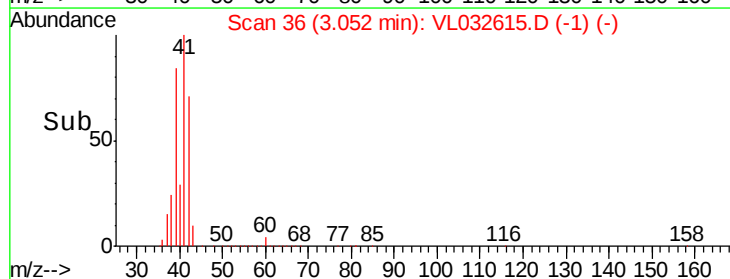
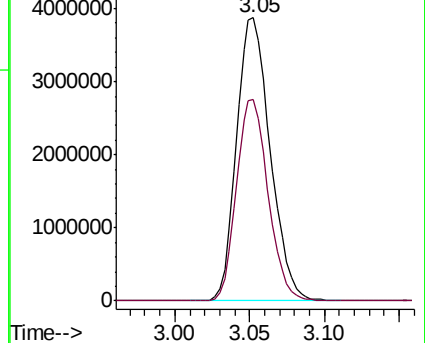
41 100

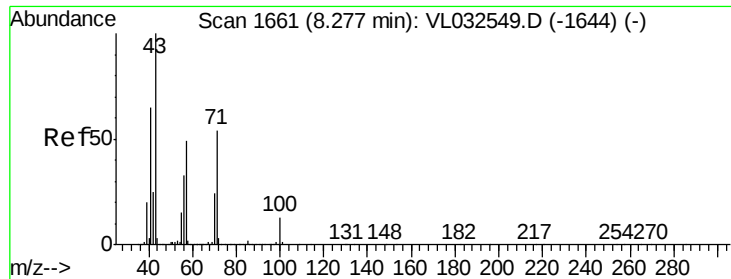
42 67.1 56.6 84.8



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

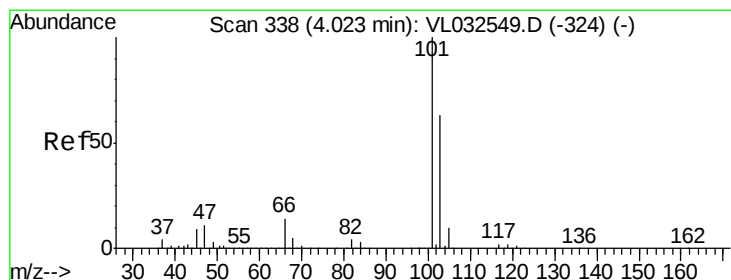
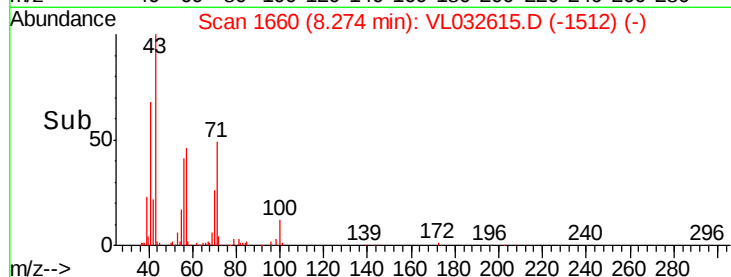
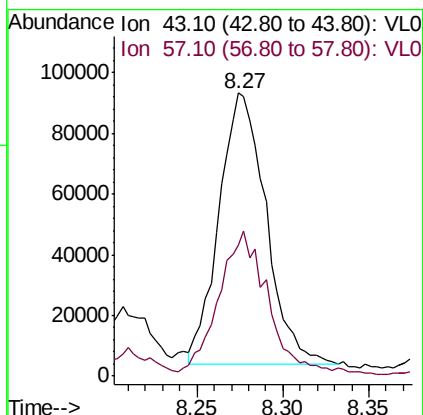
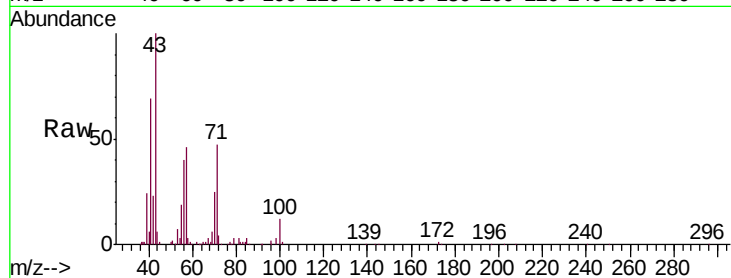




#10
Heptane
Concen: 0.914 ppbv
RT: 8.27 min Scan# 1660
Delta R.T. -0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

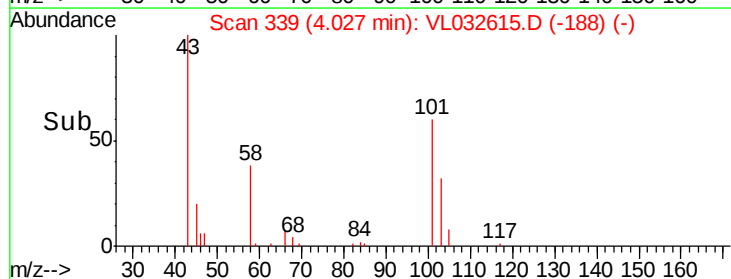
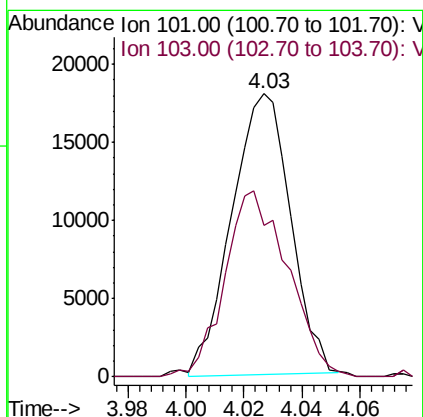
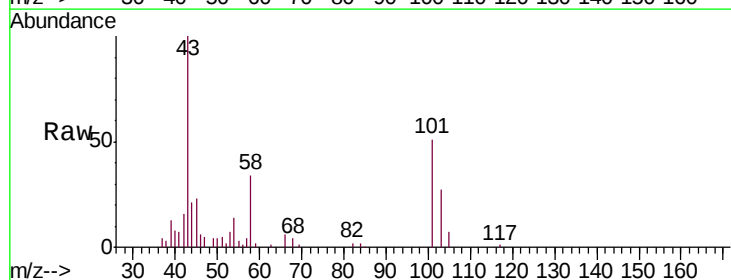
Instrument :
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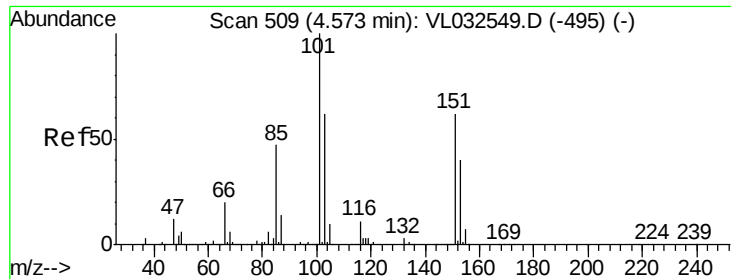
Tgt Ion: 43 Resp: 170810
Ion Ratio Lower Upper
43 100
57 54.9 39.6 59.4



#11
Trichlorofluoromethane
Concen: 0.163 ppbv
RT: 4.03 min Scan# 339
Delta R.T. -0.01 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion: 101 Resp: 25282
Ion Ratio Lower Upper
101 100
103 52.3 52.8 79.2#





#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.066 ppbv

RT: 4.58 min Scan# 510

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

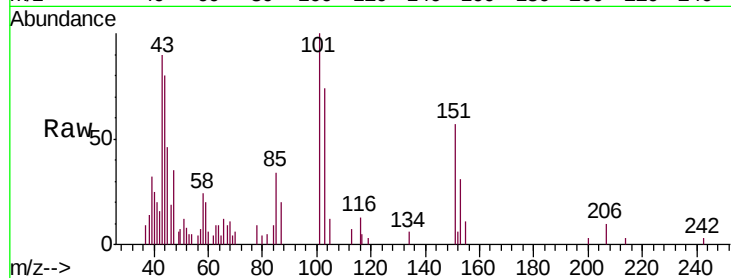
Q2-SVI-100518

Tgt Ion:101 Resp: 8376

Ion Ratio Lower Upper

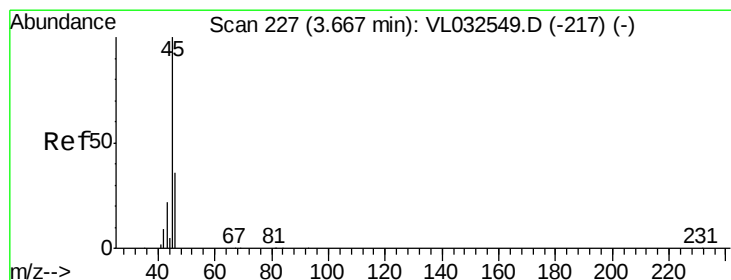
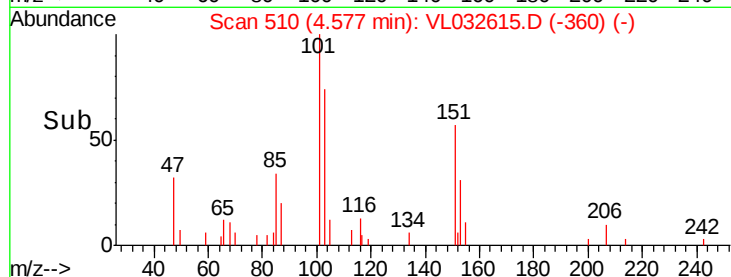
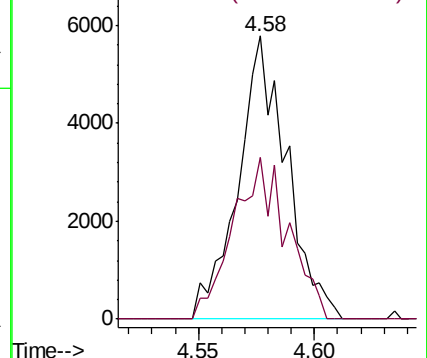
101 100

151 63.6 52.6 78.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V



#13

Ethanol

Concen: 34.977 ppbv

RT: 3.68 min Scan# 231

Delta R.T. -0.01 min

Lab File: VL032615.D

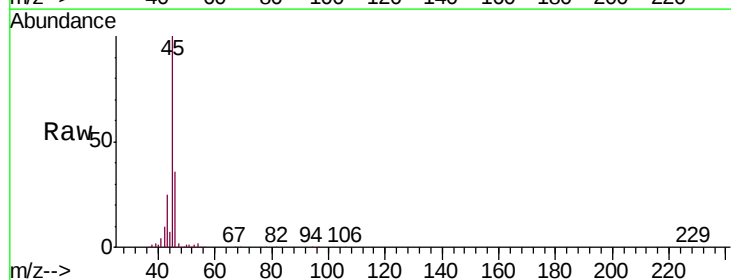
Acq: 11 Oct 2018 22:07

Tgt Ion: 45 Resp: 535900

Ion Ratio Lower Upper

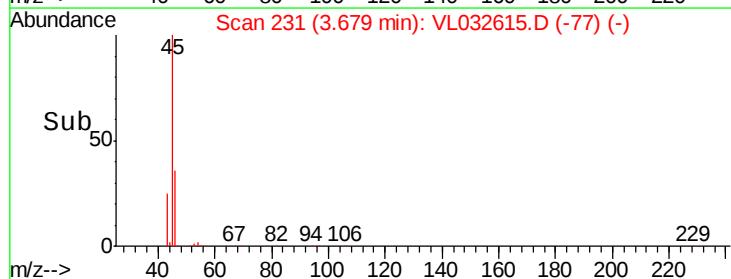
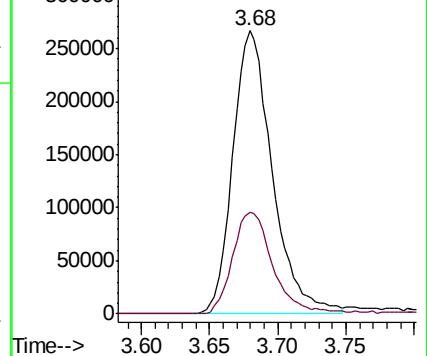
45 100

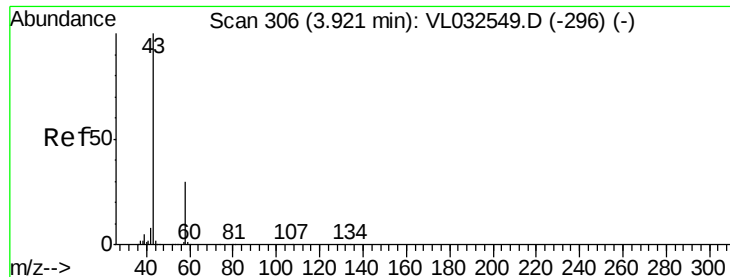
46 36.9 14.2 56.8



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0





#15

Acetone

Concen: 152.454 ppbv

RT: 3.92 min Scan# 307

Delta R.T. -0.01 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

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ClientSampleId :

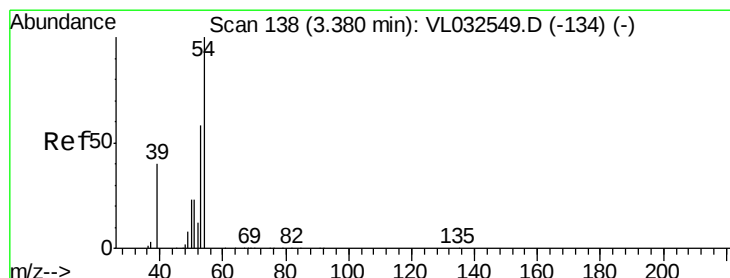
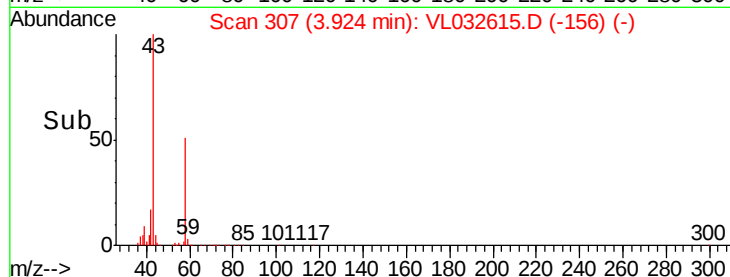
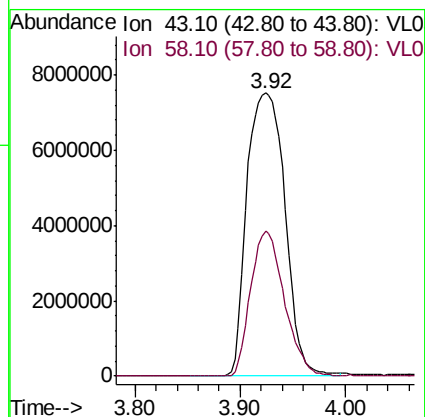
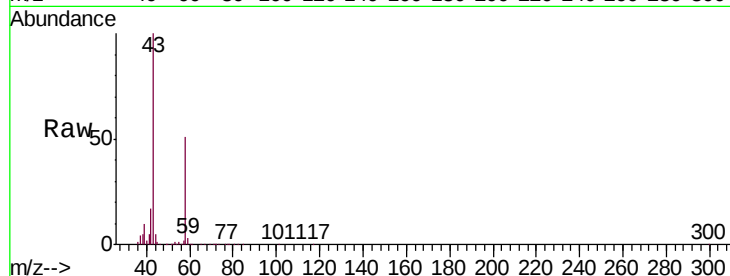
Q2-SVI-100518

Tgt Ion: 43 Resp:18905302

Ion Ratio Lower Upper

43 100

58 46.0 22.6 33.8#



#16

1,3-Butadiene

Concen: 8.674 ppbv

RT: 3.41 min Scan# 148

Delta R.T. 0.01 min

Lab File: VL032615.D

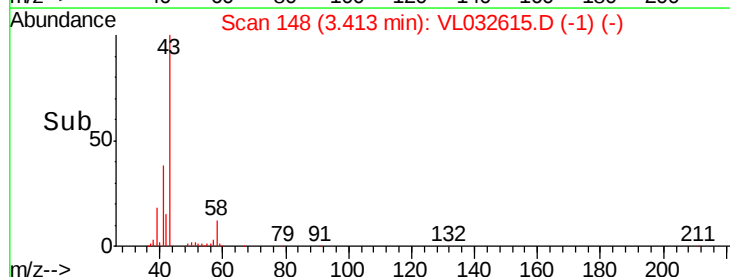
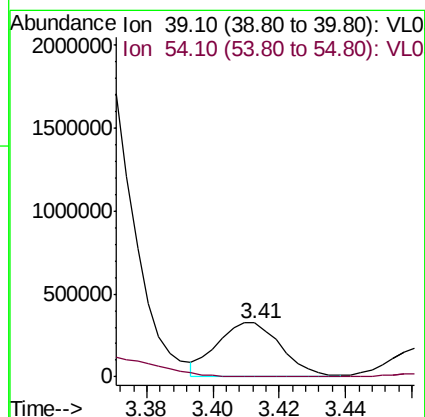
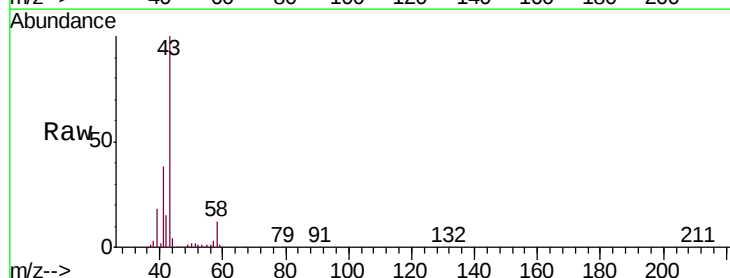
Acq: 11 Oct 2018 22:07

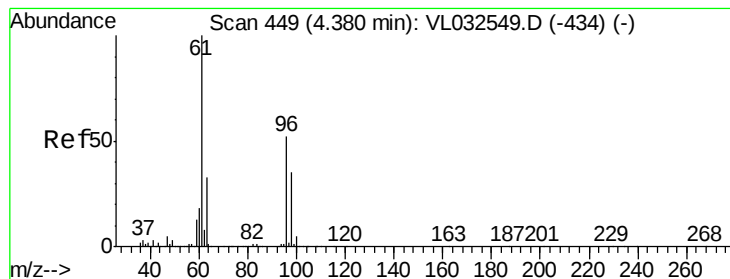
Tgt Ion: 39 Resp: 436215

Ion Ratio Lower Upper

39 100

54 0.0 80.8 121.2#





#17

tert-Butyl alcohol

Concen: 55.367 ppbv

RT: 4.39 min Scan# 451

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

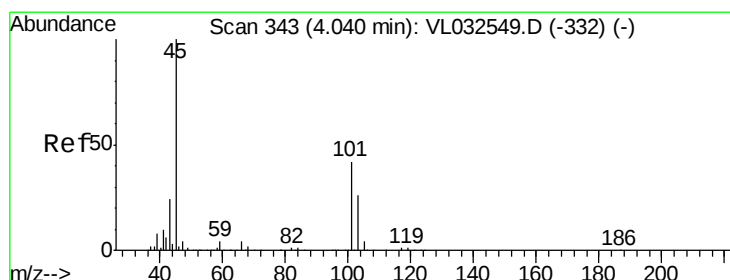
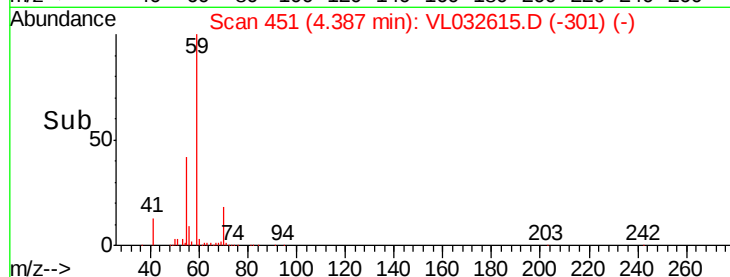
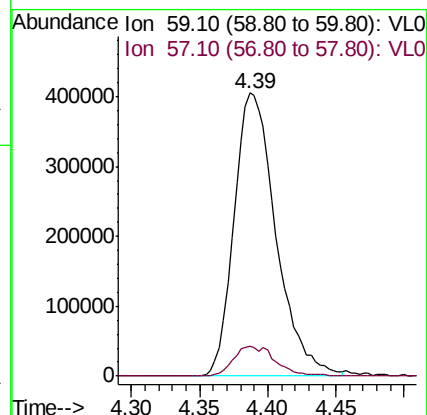
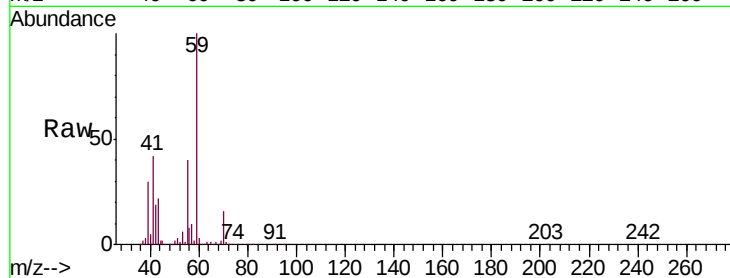
Q2-SVI-100518

Tgt Ion: 59 Resp: 862780

Ion Ratio Lower Upper

59 100

57 11.0 0.0 0.0#



#19

Isopropyl Alcohol

Concen: 2.684 ppbv

RT: 4.06 min Scan# 348

Delta R.T. -0.01 min

Lab File: VL032615.D

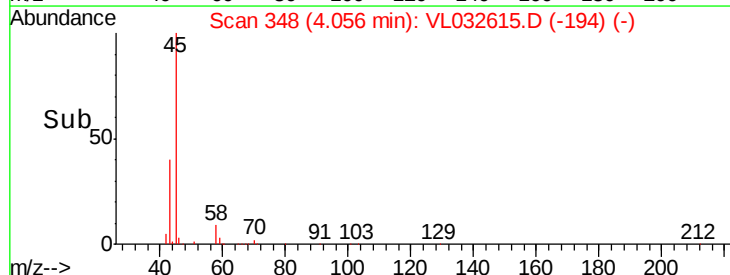
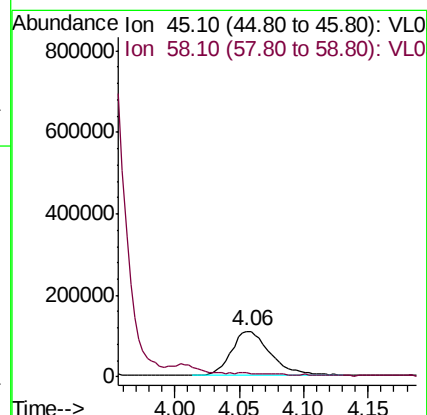
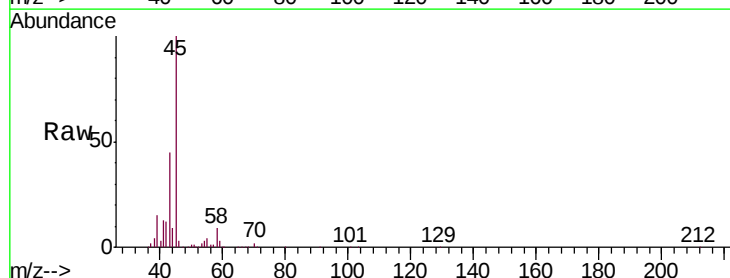
Acq: 11 Oct 2018 22:07

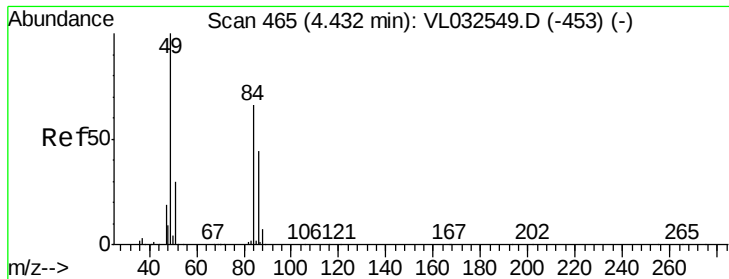
Tgt Ion: 45 Resp: 231844

Ion Ratio Lower Upper

45 100

58 0.0 2.0 3.0#

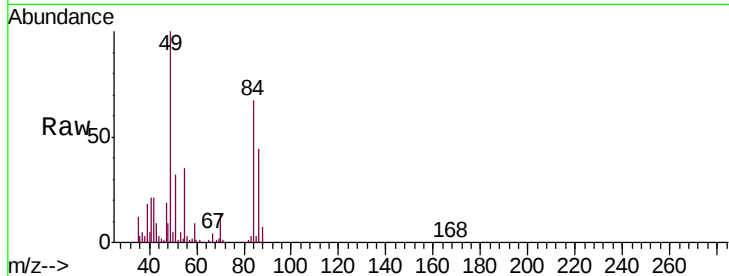




#20
Methylene Chloride
Concen: 2.911 ppbv
RT: 4.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

Tgt Ion	Resp	Lower	Upper
84	174787		
49	148.5	119.1	178.7
51	46.0	35.2	52.8
86	65.2	49.4	74.2



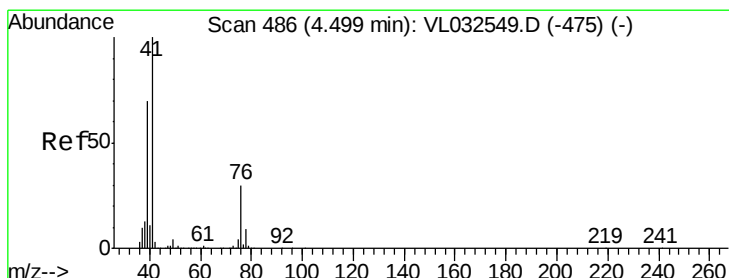
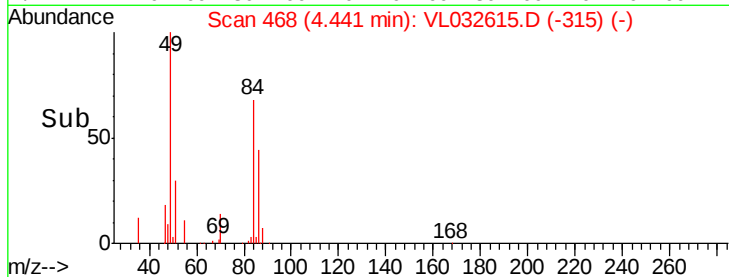
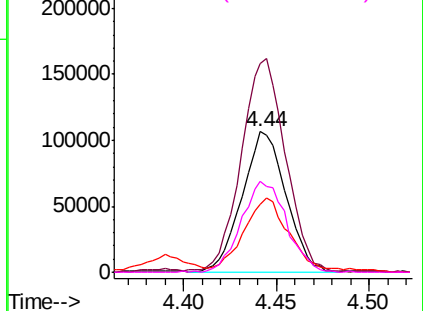
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

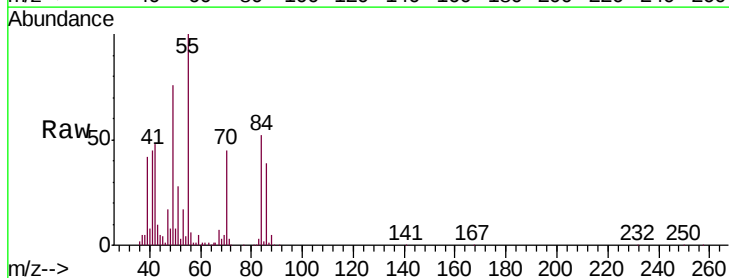
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#21
Allyl Chloride
Concen: 0.690 ppbv
RT: 4.45 min Scan# 472
Delta R.T. -0.07 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion	Resp	Lower	Upper
41	69923		
76	0.0	23.6	35.4#
39	144.0	57.7	86.5#

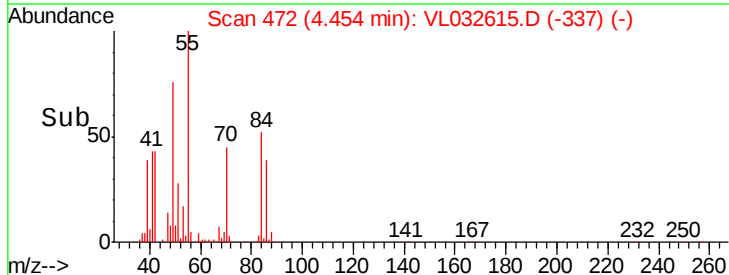
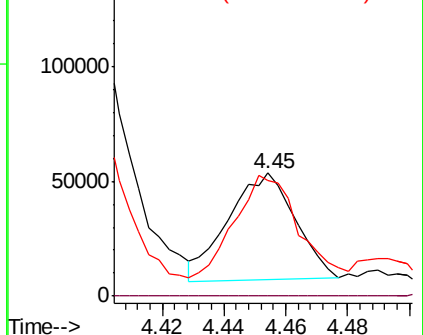


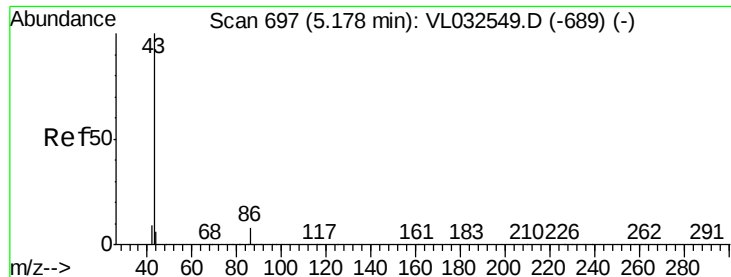
Abundance

Ion 41.10 (40.80 to 41.80): VL0

Ion 76.10 (75.80 to 76.80): VL0

Ion 39.10 (38.80 to 39.80): VL0





#23

Vinyl Acetate

Concen: 4.810 ppbv

RT: 5.17 min Scan# 696

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518

Tgt Ion: 43 Resp: 1053891

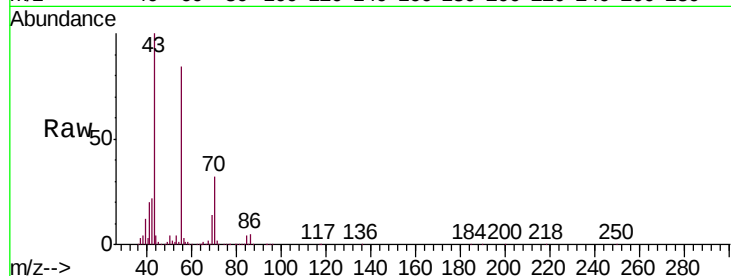
Ion Ratio Lower Upper

43 100

86 4.9 5.9 8.9#

42 21.9 6.9 10.3#

44 2.8 4.6 7.0#

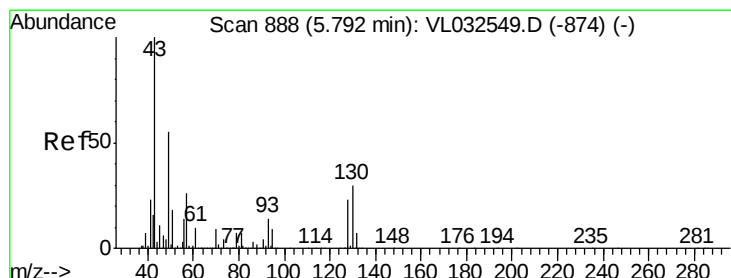
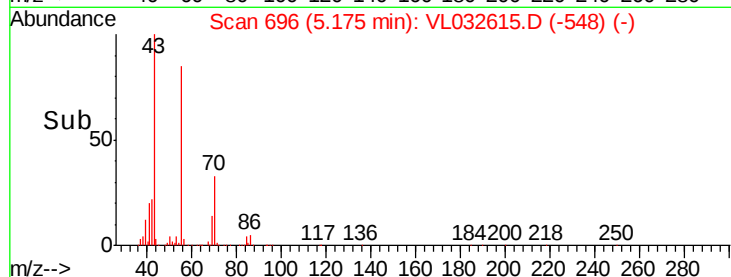
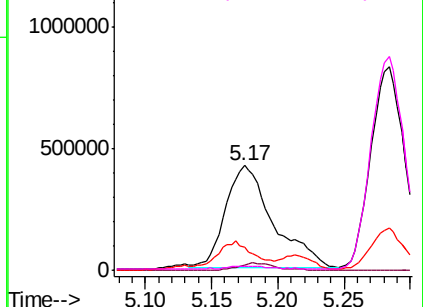


Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 1.155 ppbv

RT: 5.80 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Tgt Ion: 43 Resp: 347499

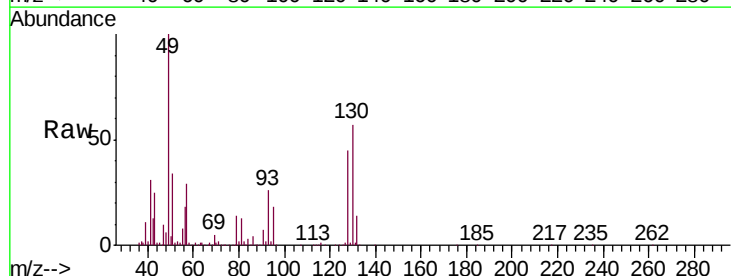
Ion Ratio Lower Upper

43 100

45 3.6 8.0 12.0#

61 2.8 7.6 11.4#

70 6.4 5.8 8.8

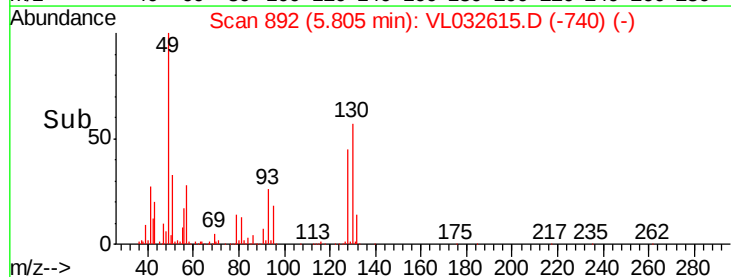
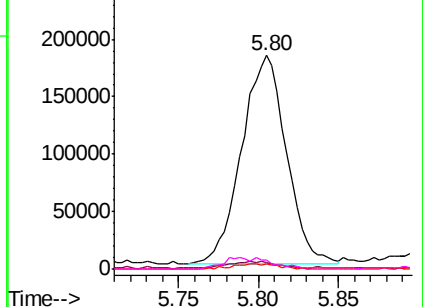


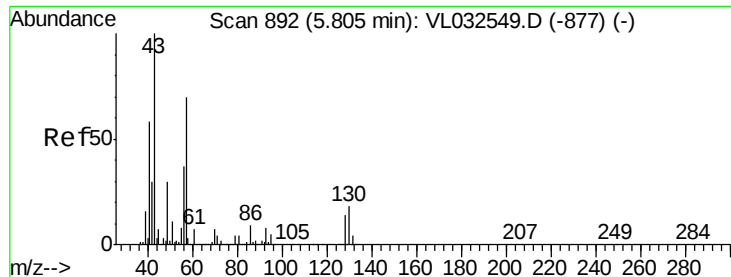
Abundance Ion 43.10 (42.80 to 43.80): VL0

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: 2.862 ppbv

RT: 5.80 min Scan# 892

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518

Tgt Ion: 57 Resp: 389001

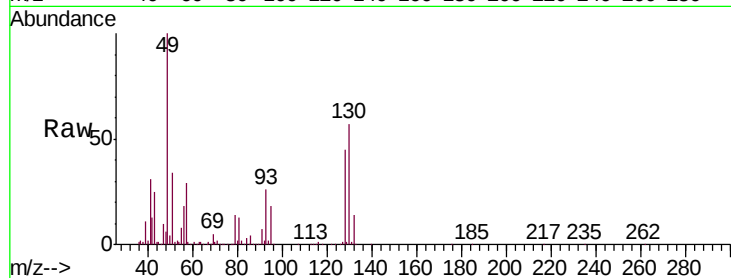
Ion Ratio Lower Upper

57 100

41 147.9 69.0 103.4#

43 0.0 172.1 258.1#

56 75.9 42.2 63.2#

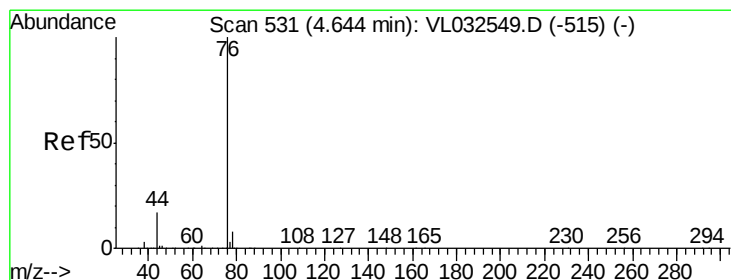
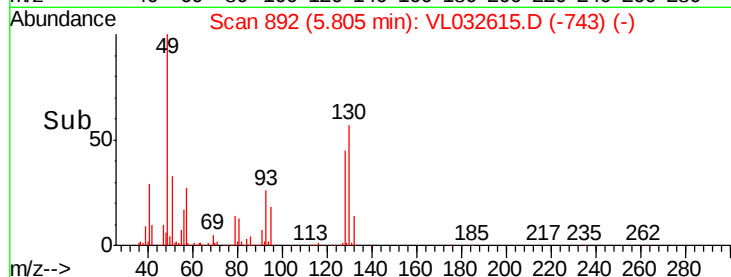
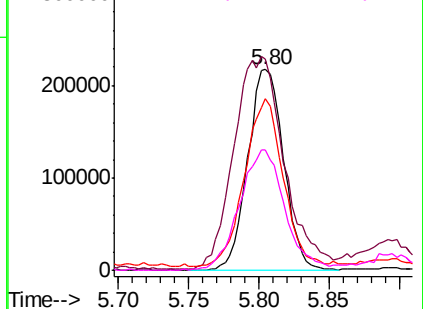


Abundance Ion 57.10 (56.80 to 57.80): VL0

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



#27

Carbon Disulfide

Concen: 4.368 ppbv

RT: 4.64 min Scan# 531

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

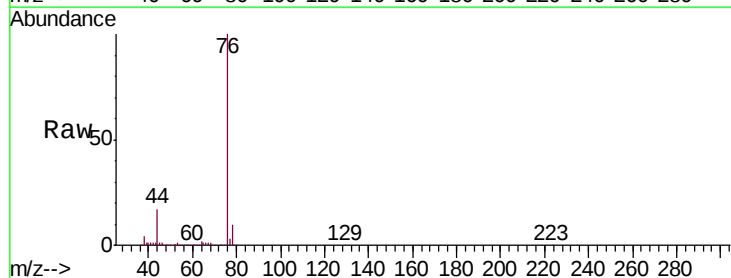
Tgt Ion: 76 Resp: 638241

Ion Ratio Lower Upper

76 100

44 17.3 14.0 21.0

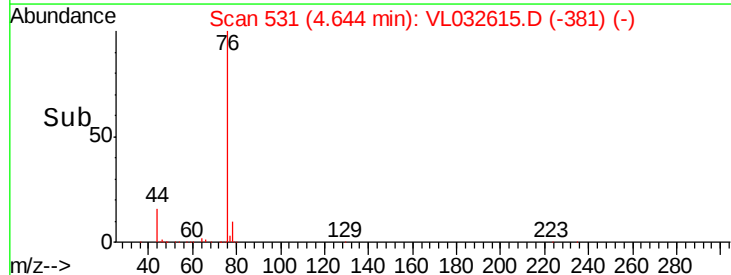
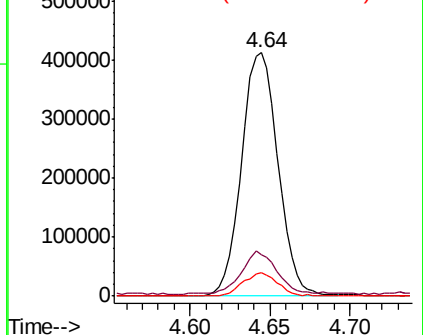
78 9.3 7.5 11.3

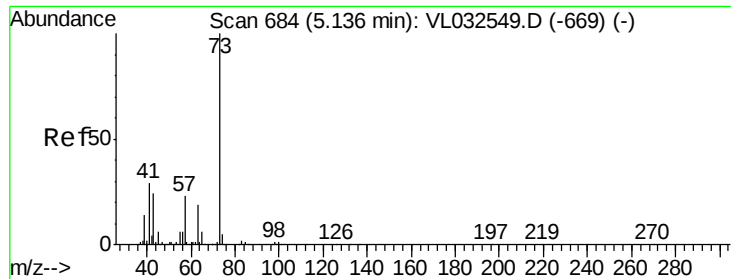


Abundance Ion 76.00 (75.70 to 76.70): VL0

Ion 44.10 (43.80 to 44.80): VL0

Ion 78.00 (77.70 to 78.70): VL0

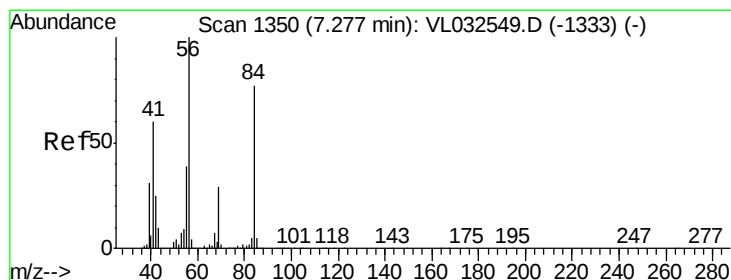
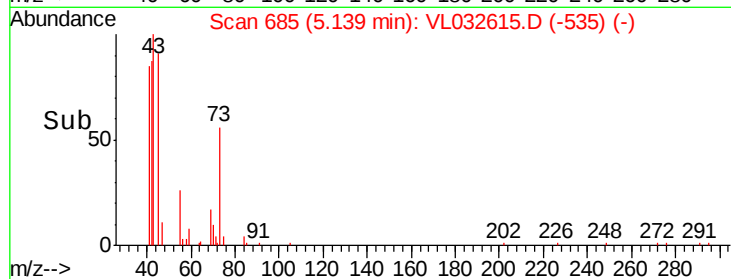
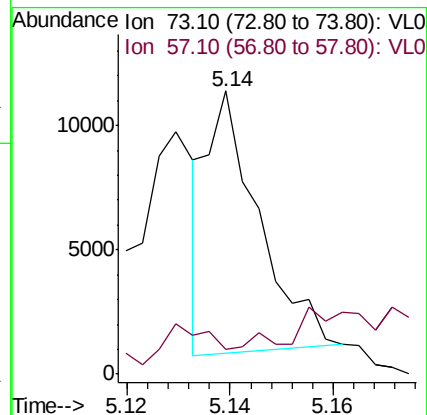
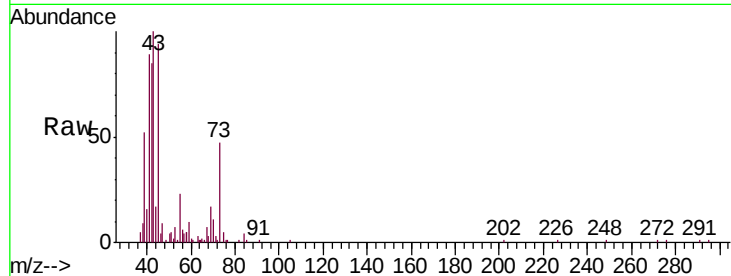




#28
Methyl tert-Butyl Ether
Concen: 0.043 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

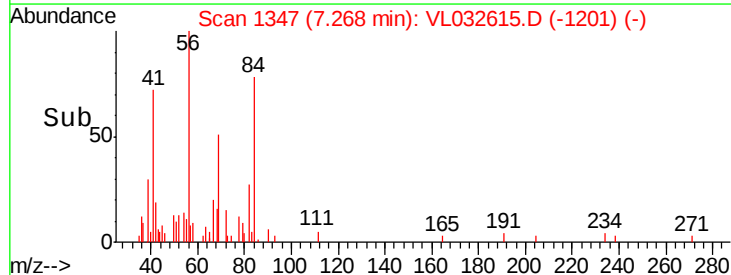
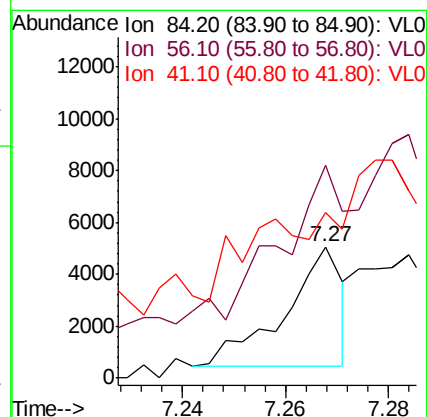
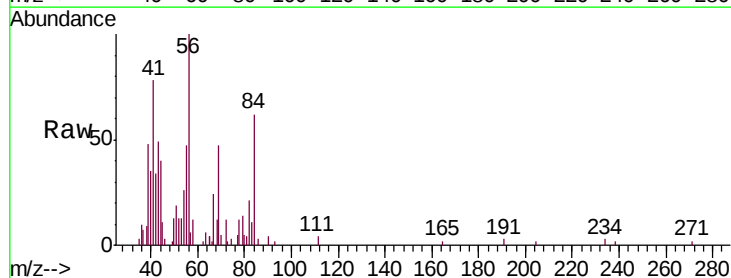
Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

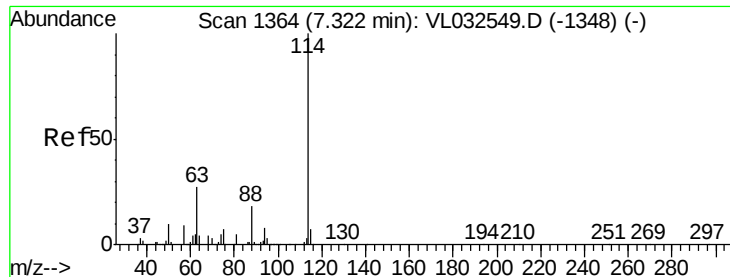
Tgt Ion: 73 Resp: 7348
Ion Ratio Lower Upper
73 100
57 0.0 19.3 28.9#



#30
Cyclohexane
Concen: 0.033 ppbv
RT: 7.27 min Scan# 1347
Delta R.T. -0.03 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion: 84 Resp: 3598
Ion Ratio Lower Upper
84 100
56 0.0 113.5 170.3#
41 0.0 68.1 102.1#

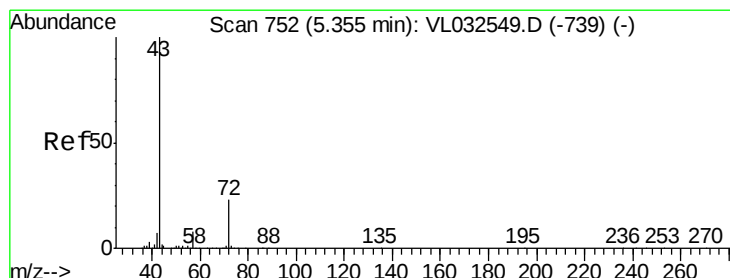
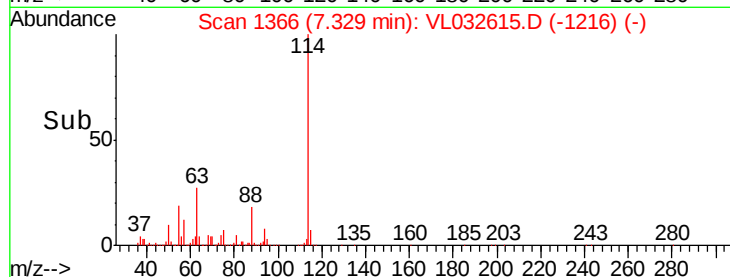
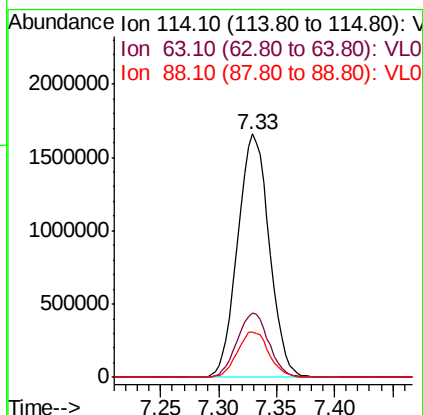
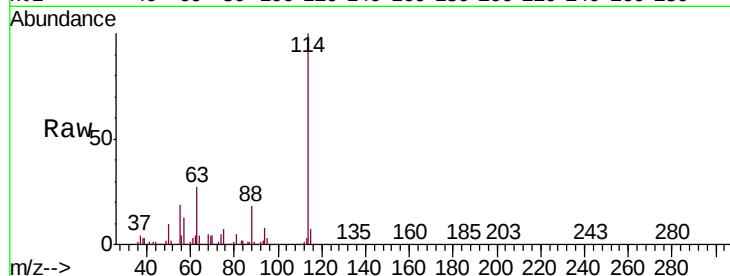




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.33 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

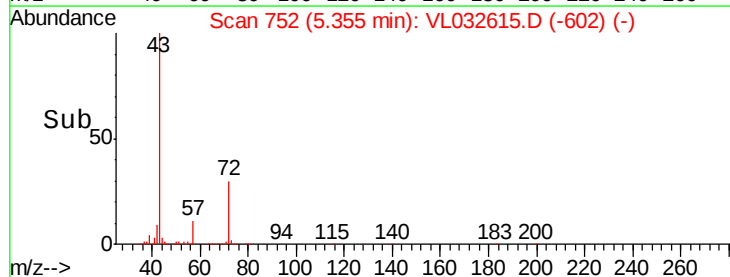
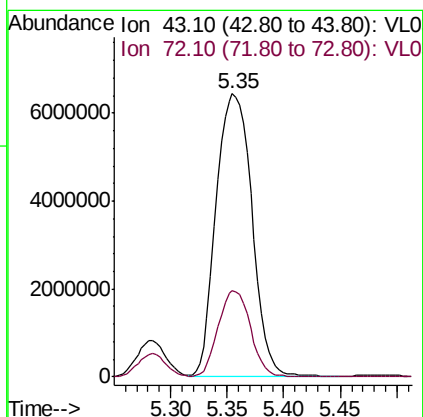
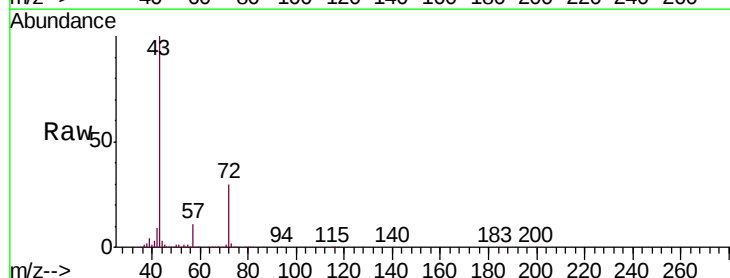
Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518

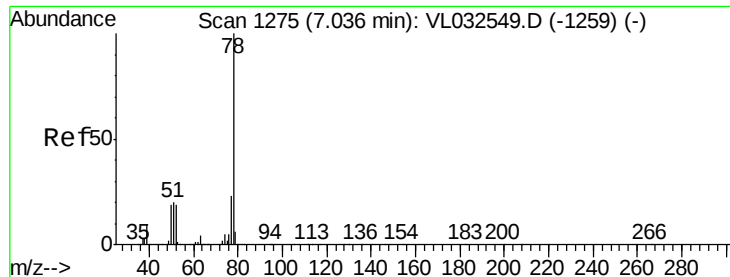
Tgt Ion:114 Resp: 3146493
 Ion Ratio Lower Upper
 114 100
 63 26.7 22.2 33.4
 88 18.7 15.0 22.4



#34
 2-Butanone
 Concen: 75.525 ppbv
 RT: 5.35 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

Tgt Ion: 43 Resp:14151374
 Ion Ratio Lower Upper
 43 100
 72 27.5 17.8 26.6#





#36

Benzene

Concen: 17.020 ppbv

RT: 7.04 min Scan# 1276

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

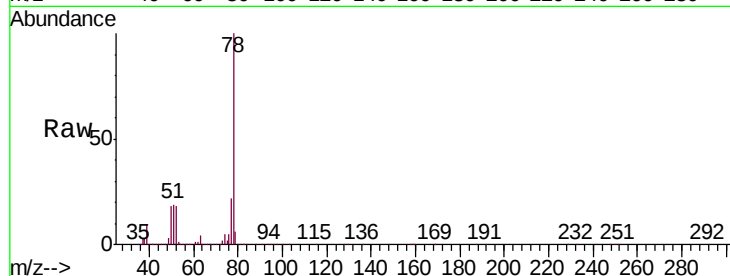
MSVOA_L

ClientSampleId :

Q2-SVI-100518

Tgt Ion: 78 Resp: 4328019

Ion	Ratio	Lower	Upper
78	100		
77	22.4	18.4	27.6
50	17.9	14.4	21.6

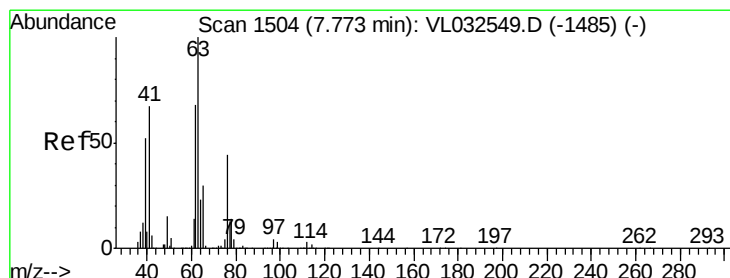
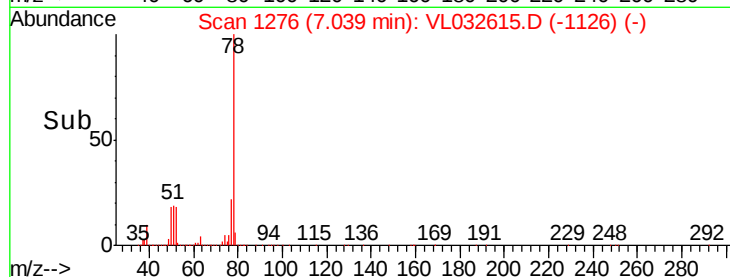
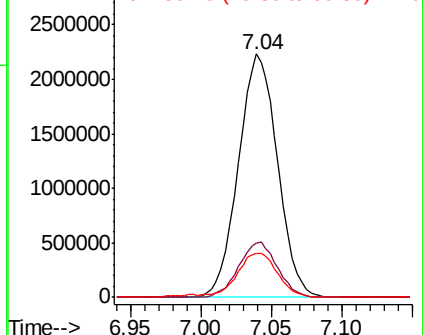


Abundance

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



#39

1,2-Dichloropropane

Concen: 7.230 ppbv

RT: 7.33 min Scan# 1366

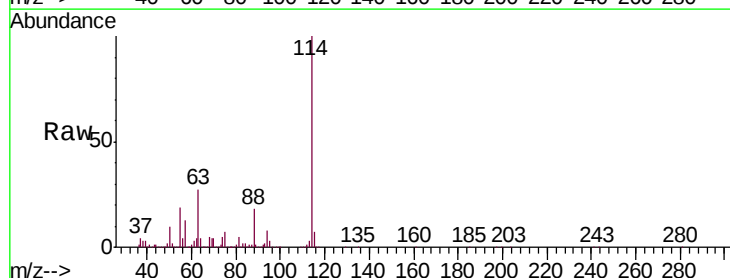
Delta R.T. -0.46 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Tgt Ion: 63 Resp: 828509

Ion	Ratio	Lower	Upper
63	100		
41	3.2	55.4	83.0#
62	16.1	55.4	83.0#

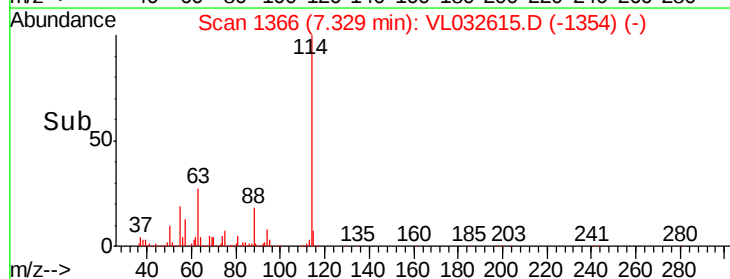
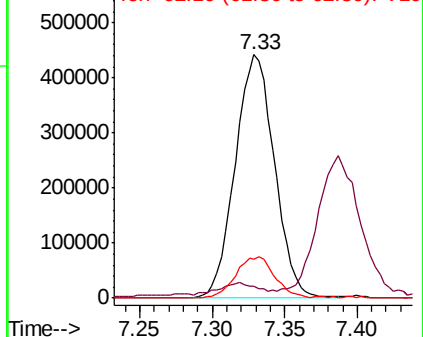


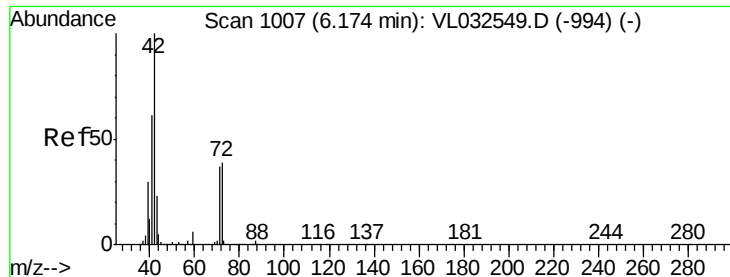
Abundance

Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0





#41

Tetrahydrofuran

Concen: 0.030 ppbv

RT: 6.18 min Scan# 1008

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518

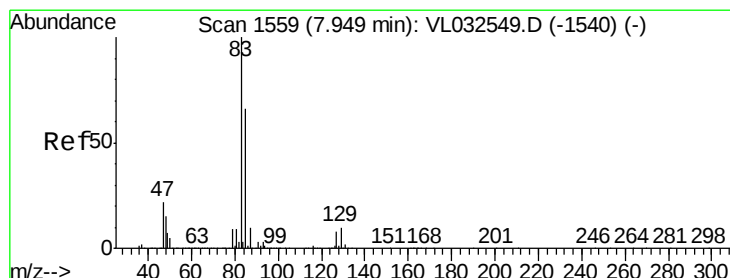
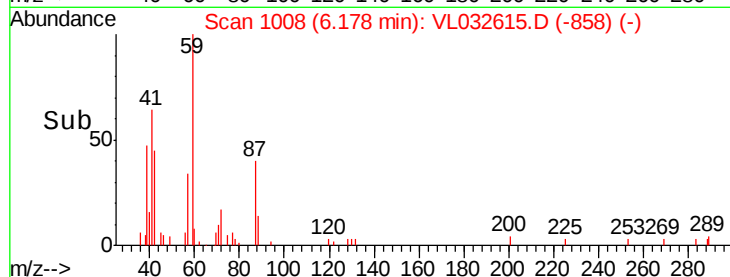
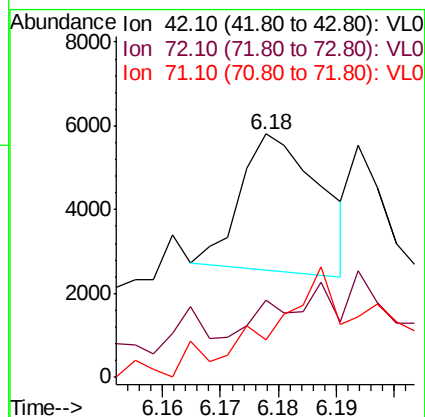
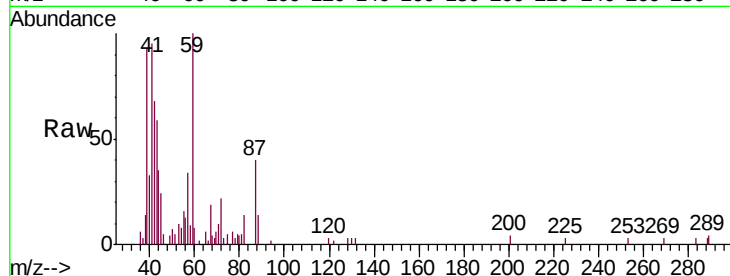
Tgt Ion: 42 Resp: 3067

Ion Ratio Lower Upper

42 100

72 247.1 29.5 44.3#

71 130.6 28.3 42.5#



#42

Bromodichloromethane

Concen: 0.030 ppbv

RT: 7.95 min Scan# 1559

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

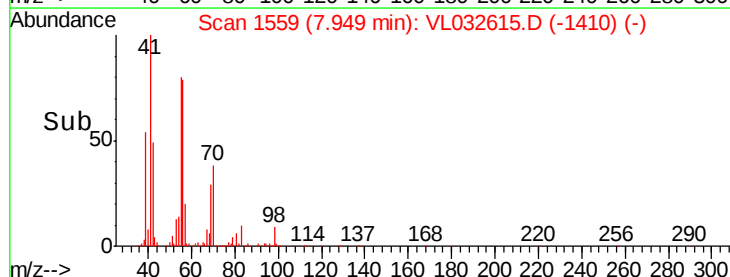
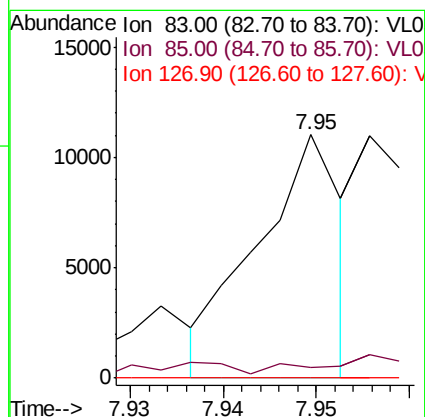
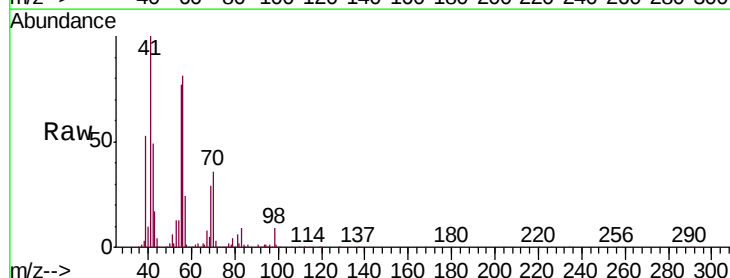
Tgt Ion: 83 Resp: 6975

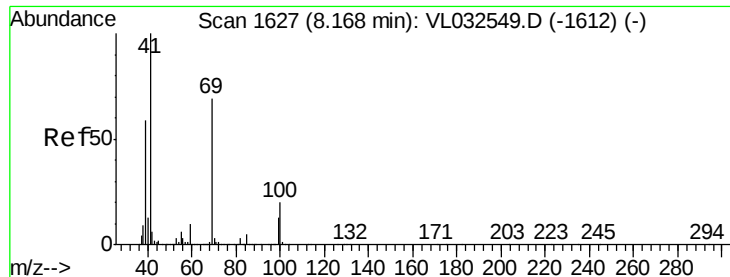
Ion Ratio Lower Upper

83 100

85 0.0 51.1 76.7#

127 0.0 5.8 8.8#

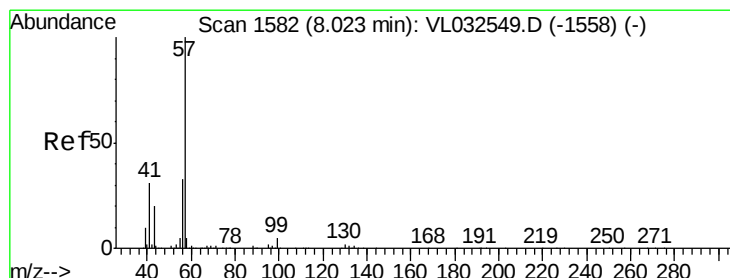
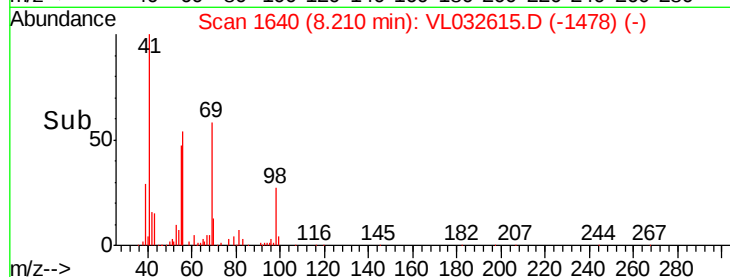
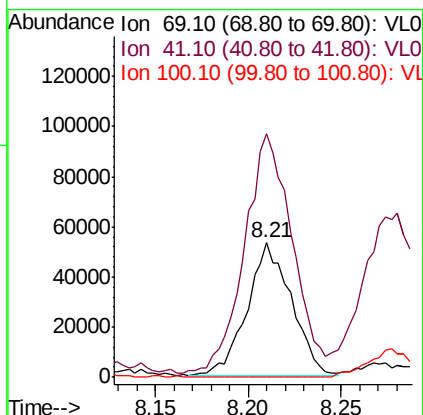
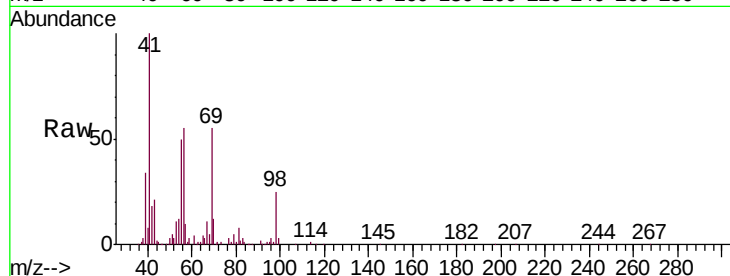




#43
Methyl Methacrylate
Concen: 0.835 ppbv
RT: 8.21 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

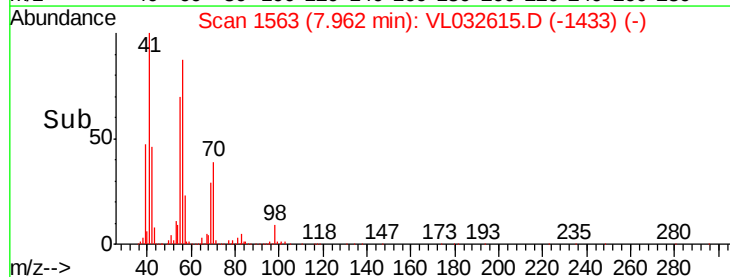
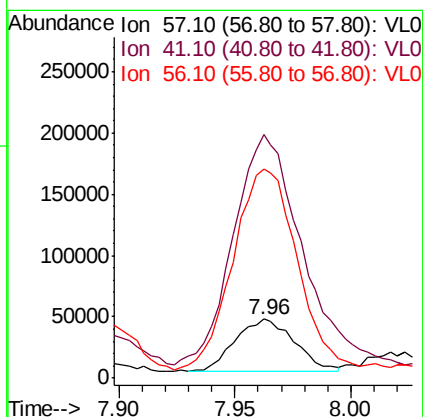
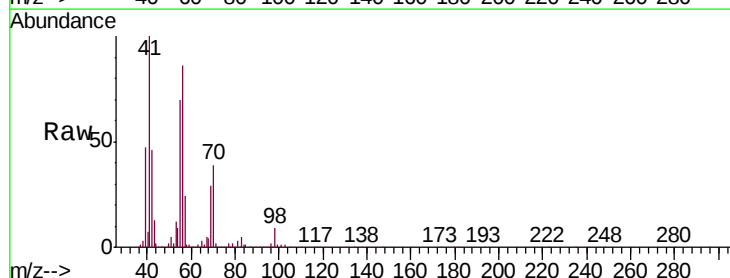
Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

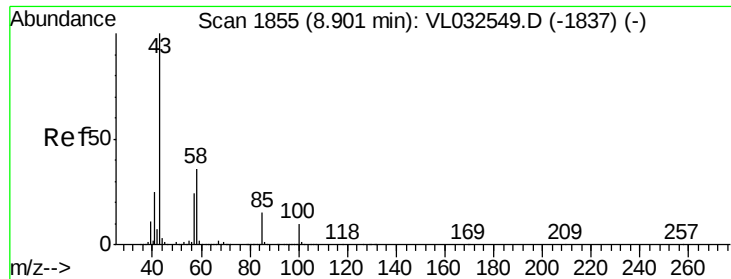
Tgt Ion: 69 Resp: 88716
Ion Ratio Lower Upper
69 100
41 195.7 117.1 175.7#
100 0.0 23.4 35.2#



#44
2,2,4-Trimethylpentane
Concen: 0.153 ppbv
RT: 7.96 min Scan# 1563
Delta R.T. -0.08 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion: 57 Resp: 76112
Ion Ratio Lower Upper
57 100
41 591.1 24.4 36.6#
56 485.5 25.7 38.5#

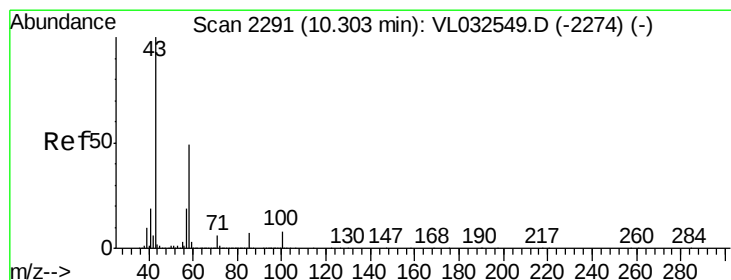
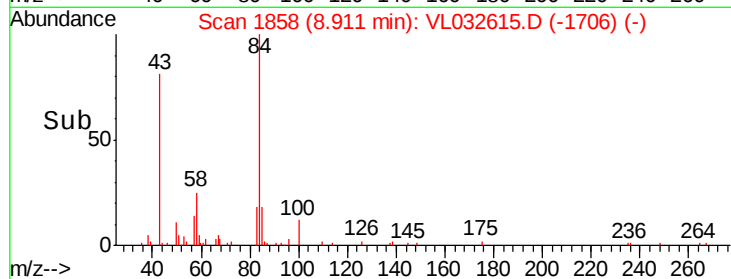
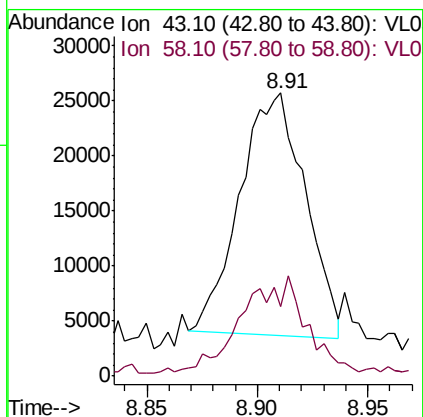
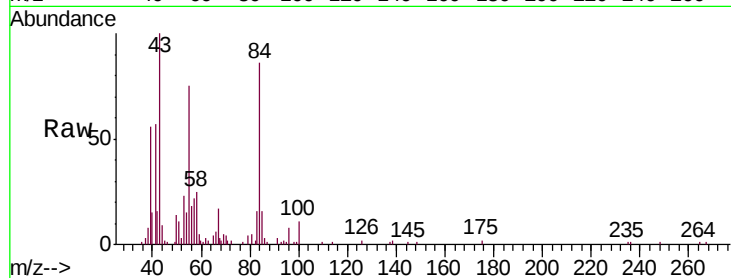




#50
 4-Methyl-2-Pentanone
 Concen: 0.154 ppbv
 RT: 8.91 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

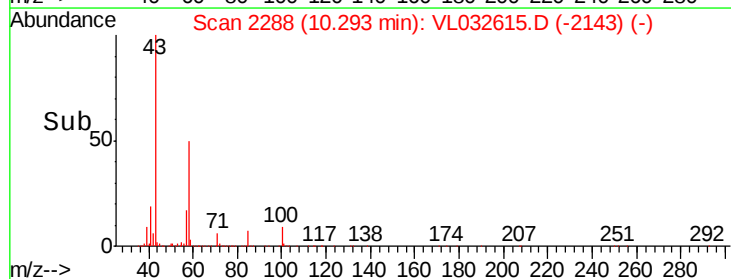
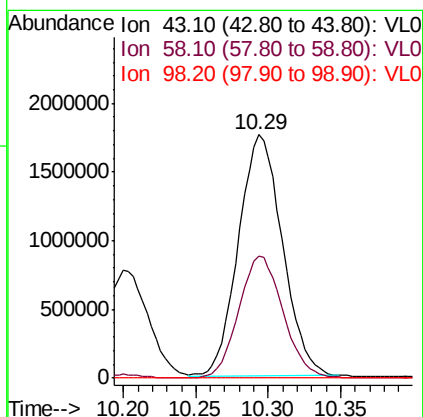
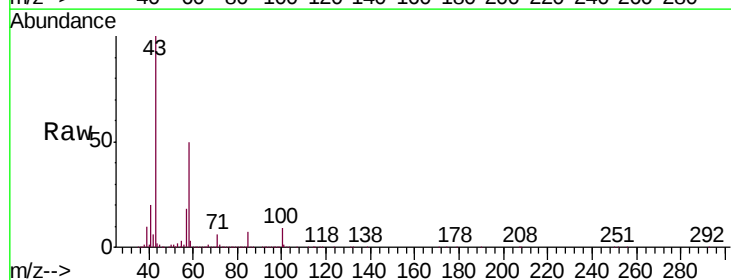
Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518

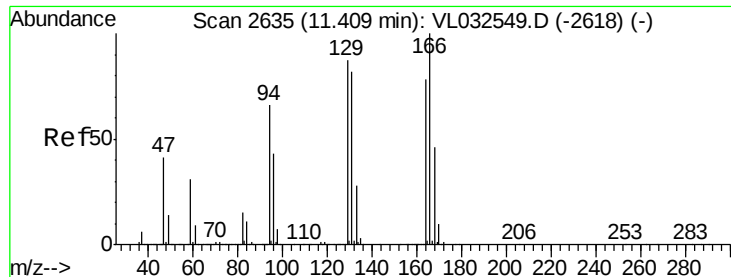
Tgt Ion: 43 Resp: 45220
 Ion Ratio Lower Upper
 43 100
 58 42.9 29.0 43.4



#51
 2-Hexanone
 Concen: 15.184 ppbv
 RT: 10.29 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

Tgt Ion: 43 Resp: 3698530
 Ion Ratio Lower Upper
 43 100
 58 51.0 39.2 58.8
 98 0.9 0.4 0.6#





#52

Tetrachloroethene

Concen: 0.074 ppbv

RT: 11.41 min Scan# 2634

Delta R.T. -0.02 min

Lab File: VL032615.D

Acq: 11 Oct 2018 22:07

Instrument :

MSVOA_L

ClientSampleId :

Q2-SVI-100518

Tgt Ion:164 Resp: 6587

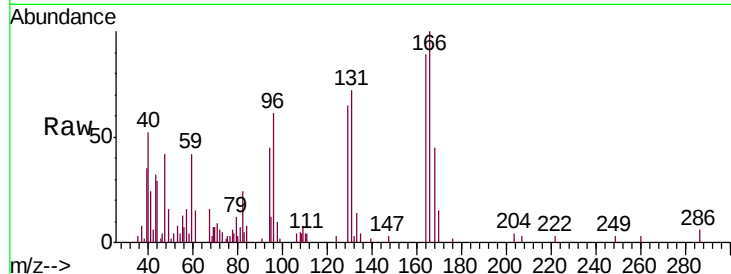
Ion Ratio Lower Upper

164 100

166 104.5 100.6 150.8

129 59.7 89.9 134.9#

131 66.9 85.9 128.9#



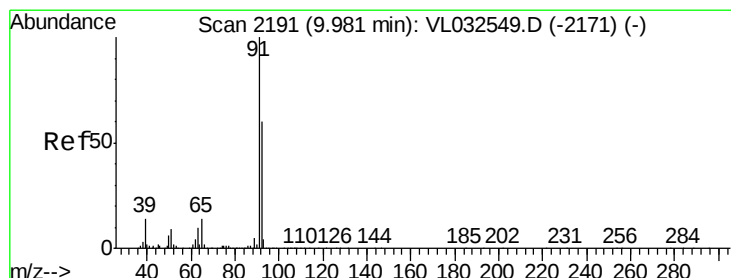
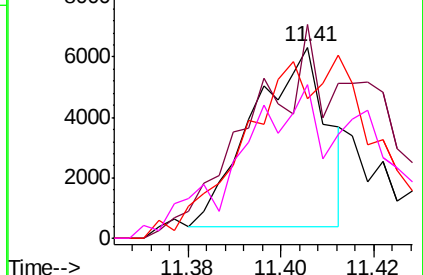
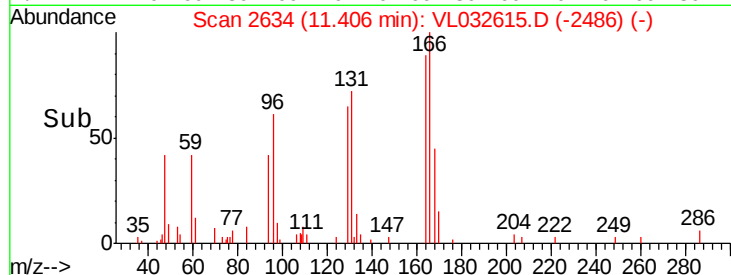
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



#53

Toluene

Concen: 0.508 ppbv

RT: 9.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: VL032615.D

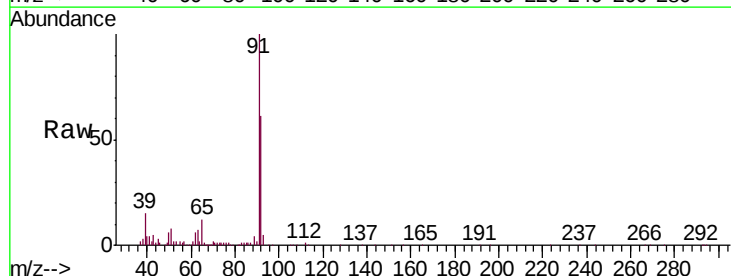
Acq: 11 Oct 2018 22:07

Tgt Ion: 91 Resp: 157445

Ion Ratio Lower Upper

91 100

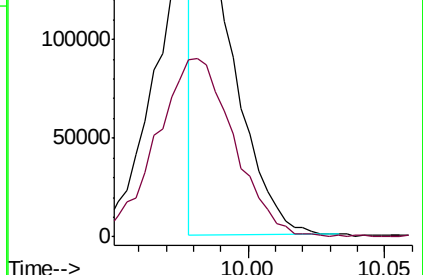
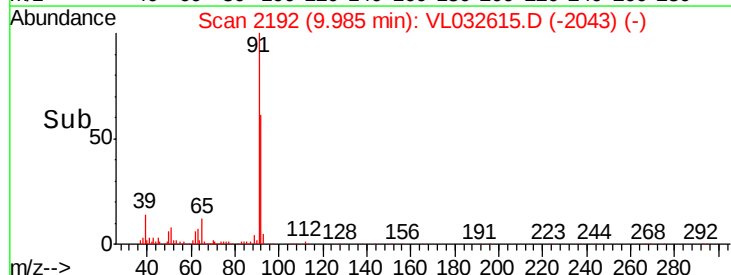
92 114.0 48.1 72.1#

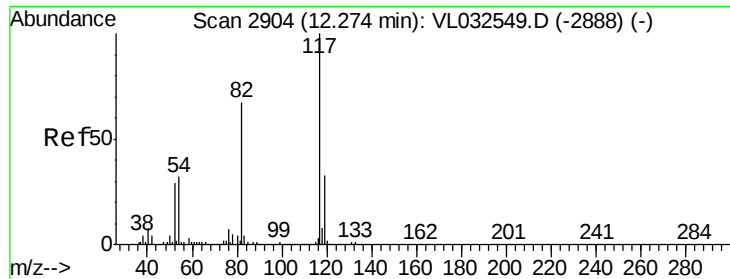


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

Time-->

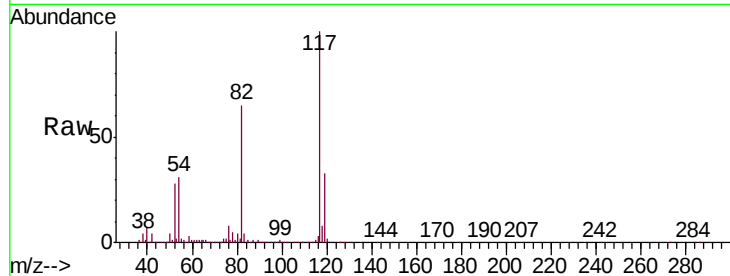




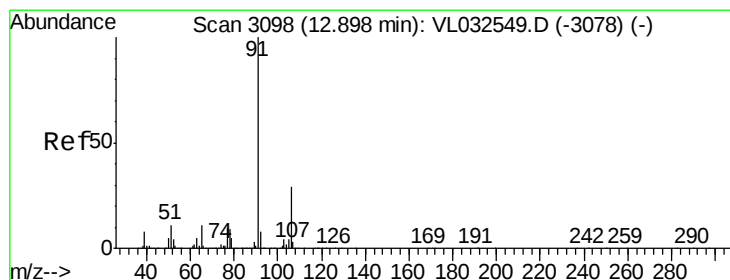
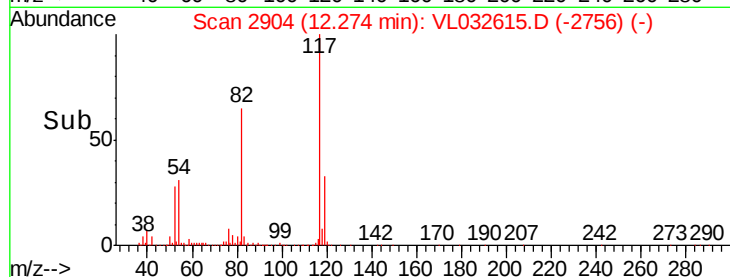
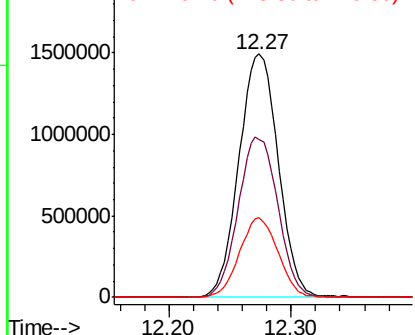
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2904
Delta R.T. -0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

Tgt Ion: 117 Resp: 3334727
Ion Ratio Lower Upper
117 100
82 66.6 53.0 79.6
119 32.1 45.9 68.9#

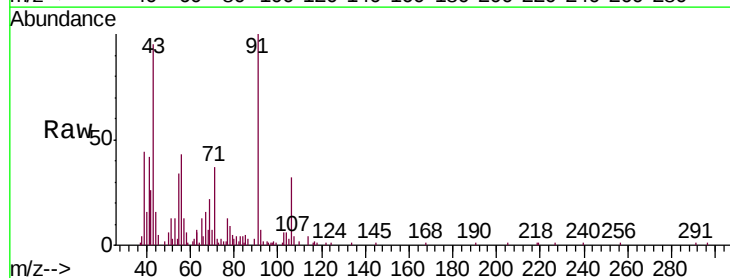


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

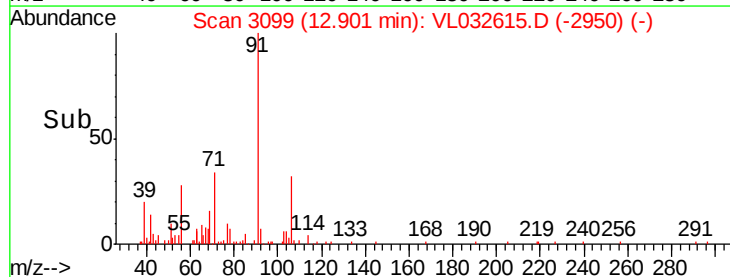
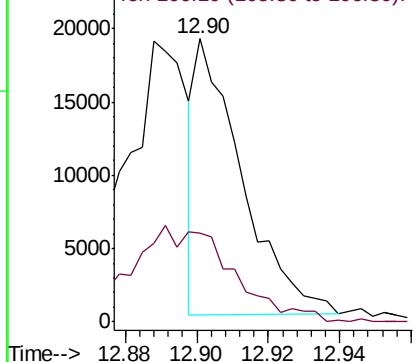


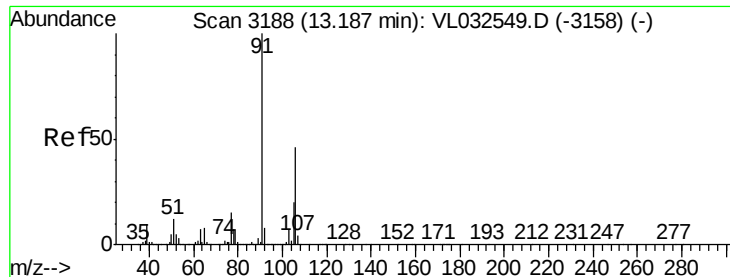
#58
Ethyl Benzene
Concen: 0.042 ppbv
RT: 12.90 min Scan# 3099
Delta R.T. -0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion: 91 Resp: 17006
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V

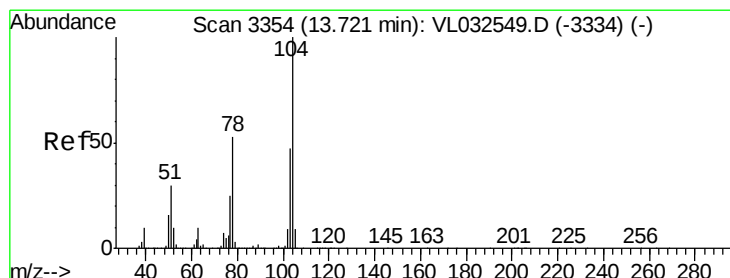
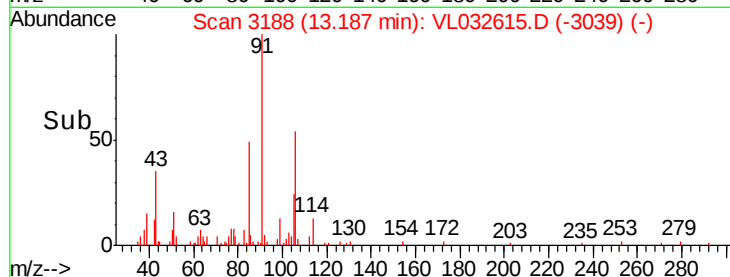
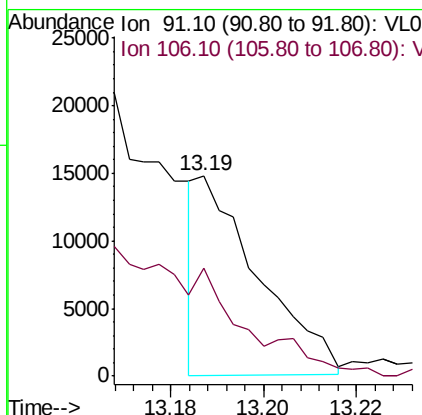
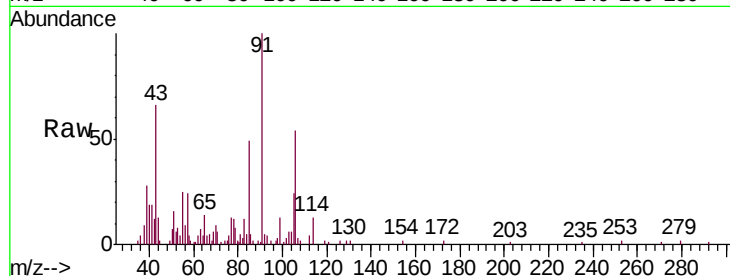




#59
m/p-Xylene
Concen: 0.037 ppbv
RT: 13.19 min Scan# 3188
Delta R.T. -0.02 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

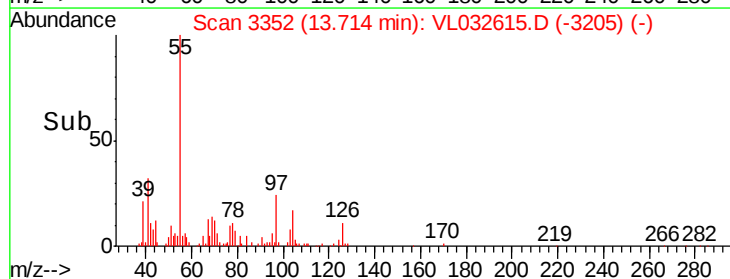
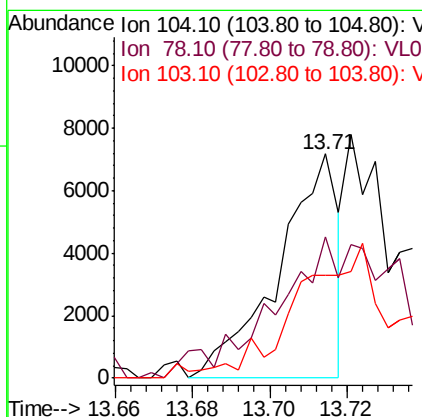
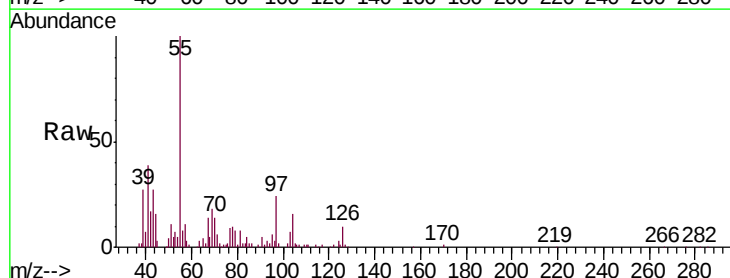
Instrument :
MSVOA_L
ClientSampleId :
Q2-SVI-100518

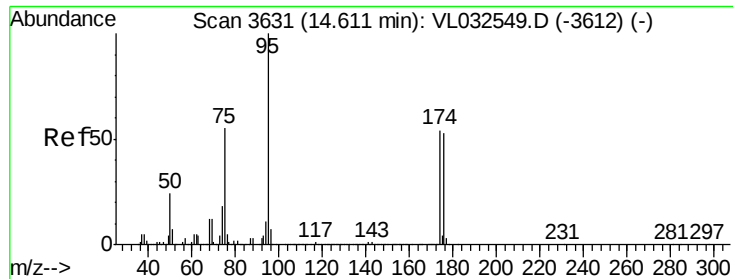
Tgt Ion: 91 Resp: 13456
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#



#61
Styrene
Concen: 0.033 ppbv
RT: 13.71 min Scan# 3352
Delta R.T. -0.03 min
Lab File: VL032615.D
Acq: 11 Oct 2018 22:07

Tgt Ion: 104 Resp: 7665
Ion Ratio Lower Upper
104 100
78 156.2 41.8 62.8#
103 0.0 38.0 57.0#

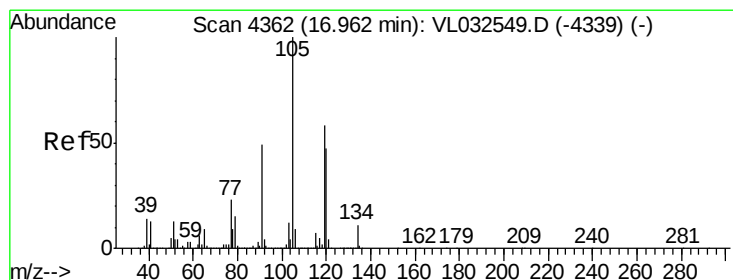
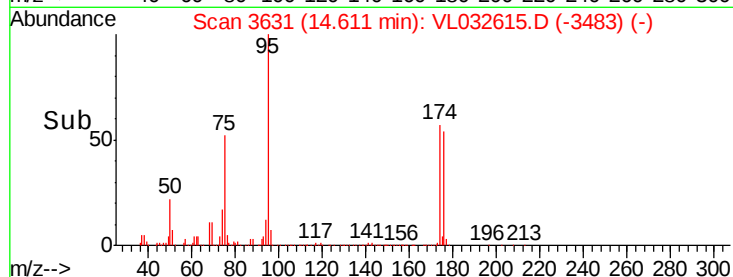
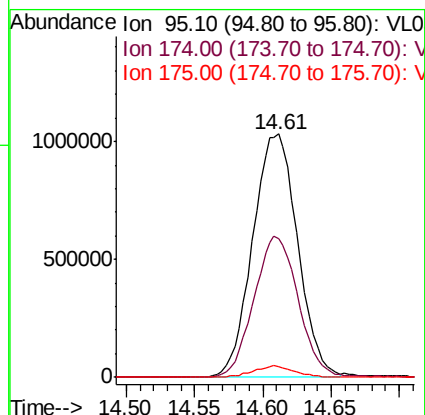
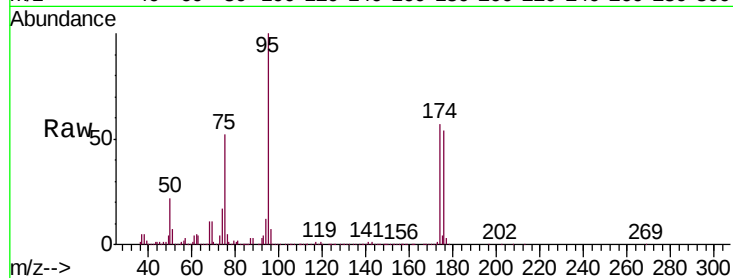




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.369 ppbv
 RT: 14.61 min Scan# 3631
 Delta R.T. -0.02 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

Instrument :
 MSVOA_L
 ClientSampleId :
 Q2-SVI-100518

Tgt Ion: 95 Resp: 2356140
 Ion Ratio Lower Upper
 95 100
 174 58.2 46.3 69.5
 175 4.2 3.4 5.0



#74
 1,2,4-Trimethylbenzene
 Concen: 0.049 ppbv
 RT: 16.96 min Scan# 4362
 Delta R.T. -0.02 min
 Lab File: VL032615.D
 Acq: 11 Oct 2018 22:07

Tgt Ion: 105 Resp: 19692
 Ion Ratio Lower Upper
 105 100
 120 28.7 37.8 56.8#
 91 8.3 41.4 62.0#
 77 8.8 18.6 28.0#

