

Data File : VL032612.D
Acq On : 11 Oct 2018 20:06
Operator : SY/AP
Sample : J5370-01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518

Quant Time: Oct 12 01:56:17 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	1422134	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	3120732	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3249914	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.61	95	2269823	9.26	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

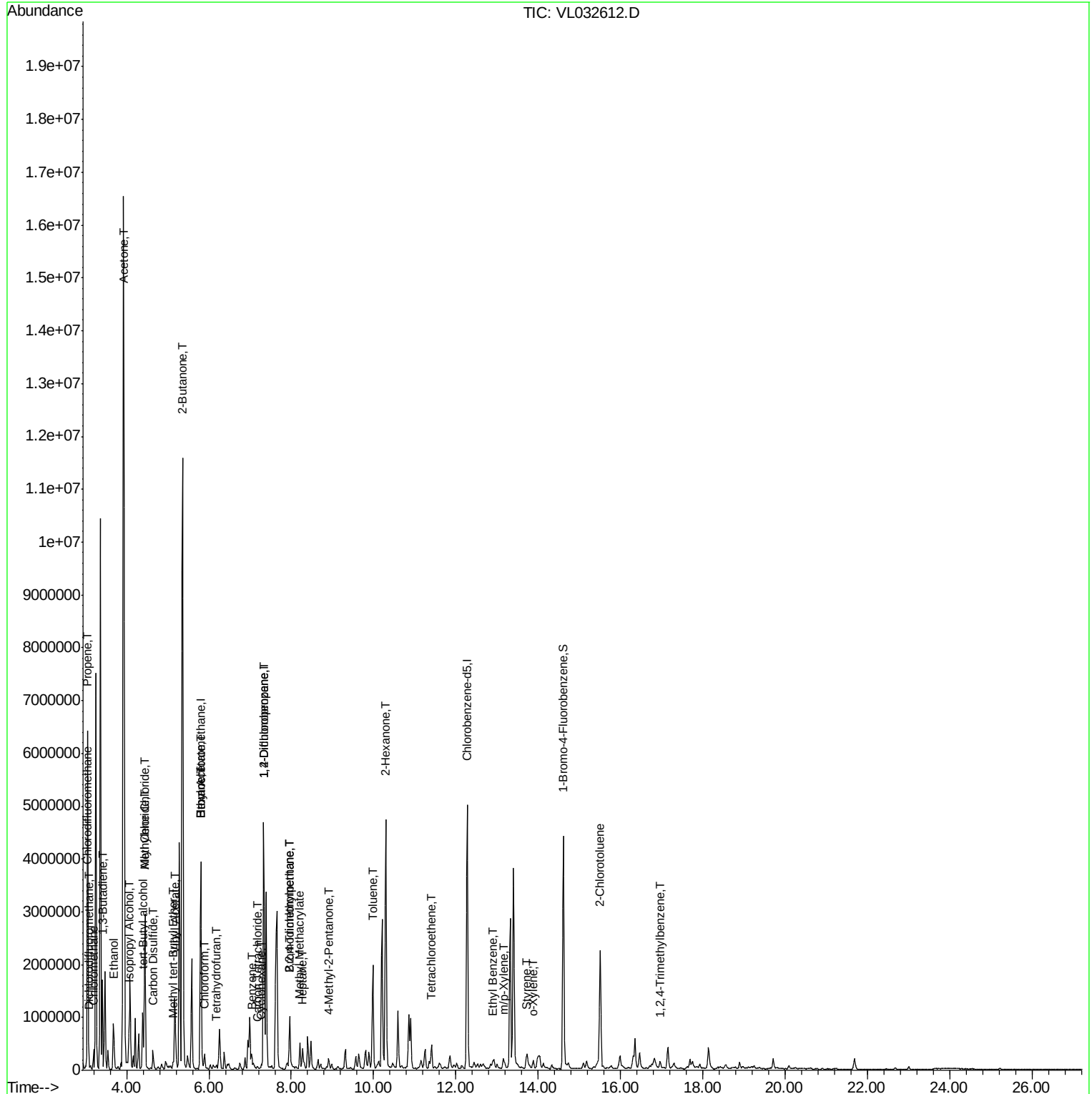
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.09	85	24847	0.189	ppbv	100
3) Chlorodifluoromethane	3.03	51	135684	1.147	ppbv #	91
4) Chloromethane	3.18	50	24950	0.362	ppbv	89
9) Propene	3.05	41	2675349	52.139	ppbv	98
10) Heptane	8.27	43	168563	0.896	ppbv	99
13) Ethanol	3.68	45	986001	63.928	ppbv	98
15) Acetone	3.92	43	19955332	159.858	ppbv #	64
16) 1,3-Butadiene	3.41	39	202818	4.006	ppbv #	1
17) tert-Butyl alcohol	4.39	59	847361	54.018	ppbv #	100
19) Isopropyl Alcohol	4.06	45	781059	8.983	ppbv #	93
20) Methylene Chloride	4.44	84	1104371	18.269	ppbv	99
21) Allyl Chloride	4.44	41	70570	0.692	ppbv #	55
23) Vinyl Acetate	5.18	43	1033049	4.683	ppbv #	91
25) Ethyl Acetate	5.80	43	454721	1.501	ppbv #	95
26) Hexane	5.80	57	323169	2.362	ppbv #	49
27) Carbon Disulfide	4.64	76	398276	2.708	ppbv	96
28) Methyl tert-Butyl Ether	5.13	73	10705	0.063	ppbv #	51
29) Chloroform	5.89	83	17765	0.085	ppbv	95
30) Cyclohexane	7.28	84	11860	0.106	ppbv #	1
34) 2-Butanone	5.35	43	15010842	80.773	ppbv #	88
35) Carbon Tetrachloride	7.17	117	9908	0.046	ppbv #	80
36) Benzene	7.04	78	215633	0.855	ppbv	94
39) 1,2-Dichloropropane	7.33	63	818346	7.200	ppbv #	26
41) Tetrahydrofuran	6.18	42	35120	0.348	ppbv #	85
42) Bromodichloromethane	7.96	83	11843	0.052	ppbv #	29
43) Methyl Methacrylate	8.21	69	91666	0.870	ppbv #	48
44) 2,2,4-Trimethylpentane	7.96	57	75659	0.154	ppbv #	1
50) 4-Methyl-2-Pentanone	8.90	43	98698	0.338	ppbv	98
51) 2-Hexanone	10.29	43	4044664	16.742	ppbv #	96
52) Tetrachloroethene	11.40	164	58014	0.661	ppbv	90
53) Toluene	9.98	91	1539965	5.011	ppbv	99
58) Ethyl Benzene	12.90	91	79061	0.201	ppbv	95
59) m/p-Xylene	13.15	91	167742	0.478	ppbv	98
60) o-Xylene	13.88	91	58263	0.171	ppbv	93
61) Styrene	13.71	104	26057	0.117	ppbv #	44
71) 2-Chlorotoluene	15.51	91	538572	1.464	ppbv #	45
74) 1,2,4-Trimethylbenzene	16.96	105	22913	0.059	ppbv #	59

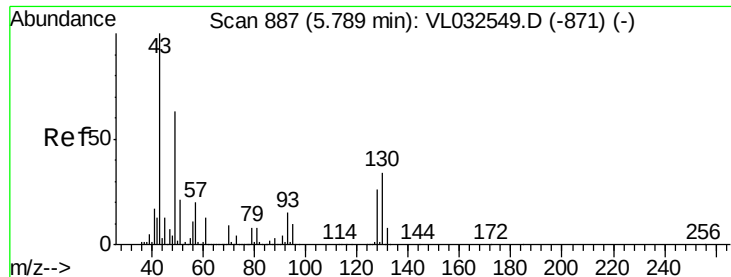
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 1 Sample Multiplier: 1

Q1-SVI-100518

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL032612.D

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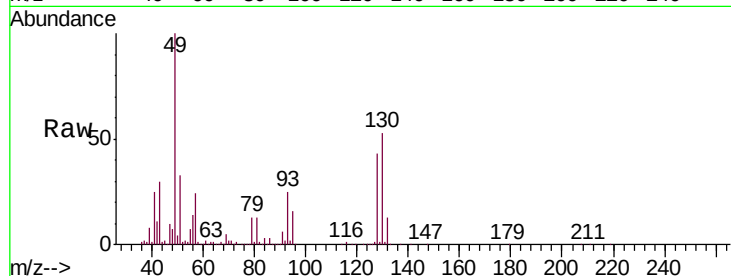
Tgt Ion: 49 Resp: 1422134

Ion Ratio Lower Upper

49 100

128 42.5 20.7 62.1

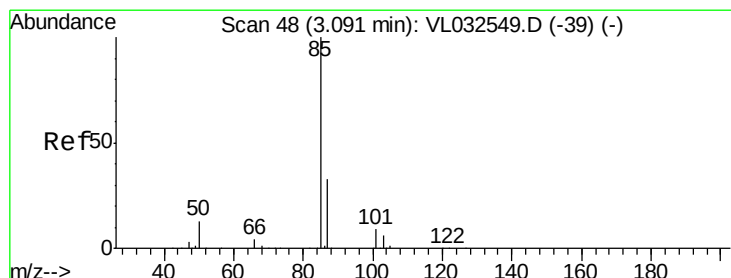
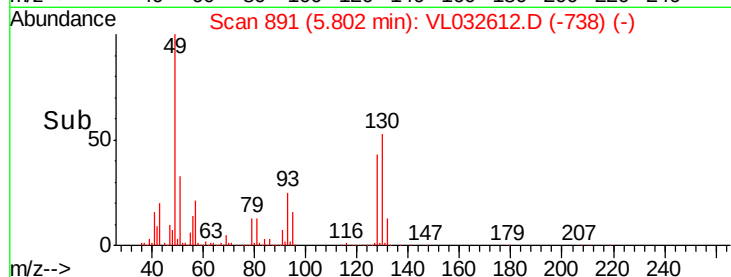
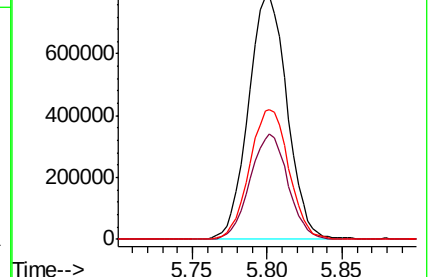
130 54.3 26.6 79.7



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: 0.189 ppbv

RT: 3.09 min Scan# 47

Delta R.T. -0.02 min

Lab File: VL032612.D

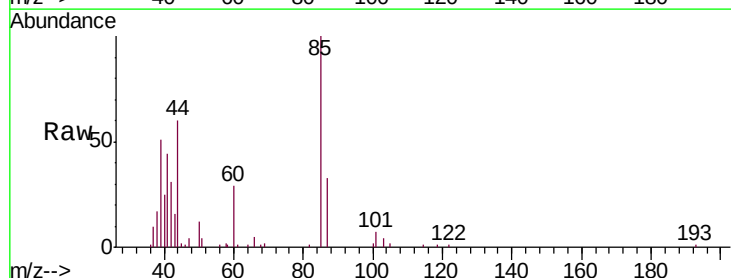
Acq: 11 Oct 2018 20:06

Tgt Ion: 85 Resp: 24847

Ion Ratio Lower Upper

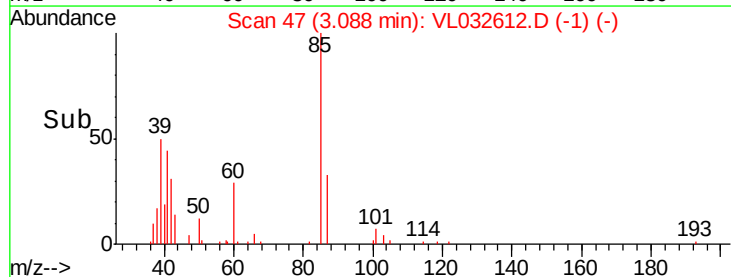
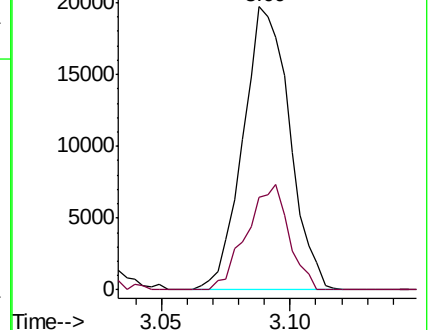
85 100

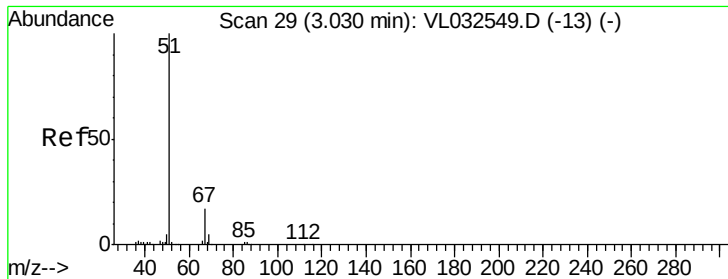
87 32.6 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0





#3

Chlorodifluoromethane

Concen: 1.147 ppbv

RT: 3.03 min Scan# 29

Delta R.T. -0.01 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

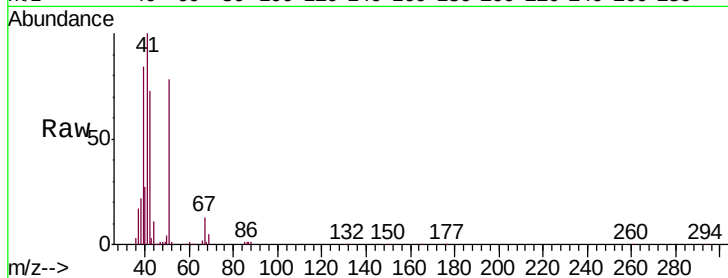
Q1-SVI-100518

Tgt Ion: 51 Resp: 135684

Ion Ratio Lower Upper

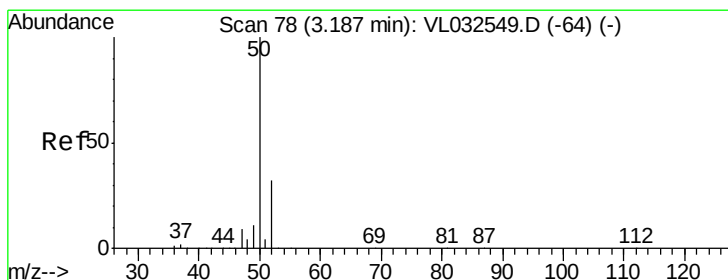
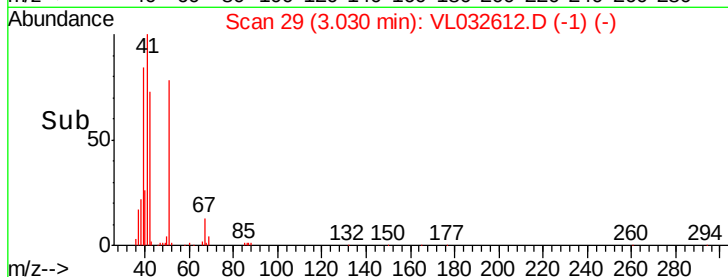
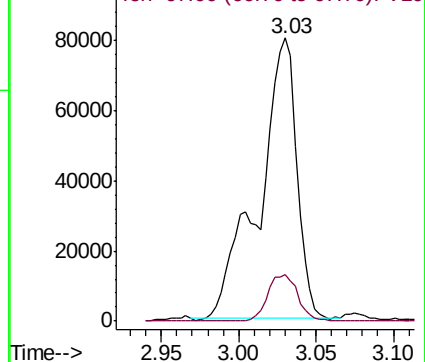
51 100

67 13.2 13.8 20.8#



Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 0.362 ppbv

RT: 3.18 min Scan# 77

Delta R.T. -0.02 min

Lab File: VL032612.D

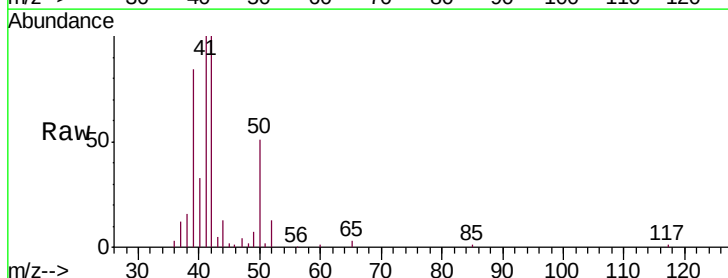
Acq: 11 Oct 2018 20:06

Tgt Ion: 50 Resp: 24950

Ion Ratio Lower Upper

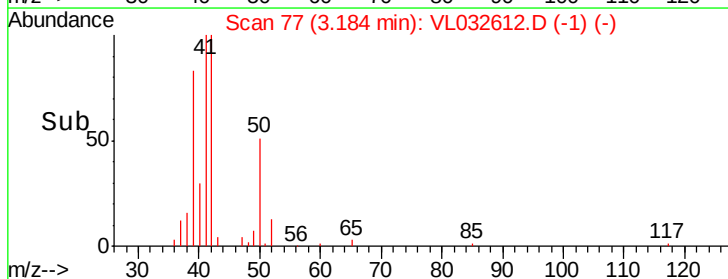
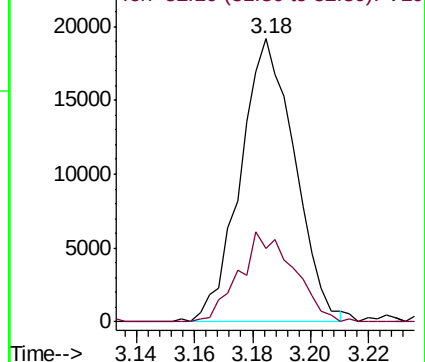
50 100

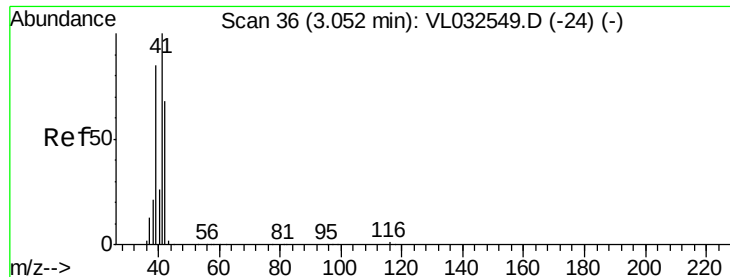
52 25.7 25.6 38.4



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#9

Propene

Concen: 52.139 ppbv

RT: 3.05 min Scan# 35

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

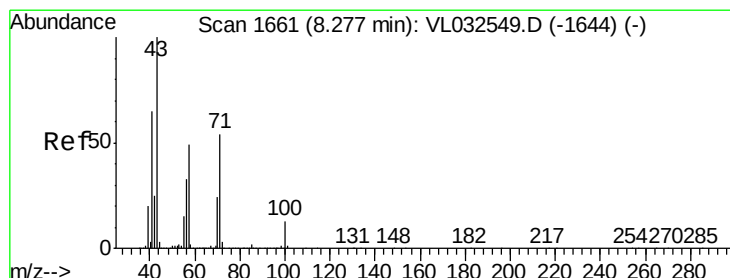
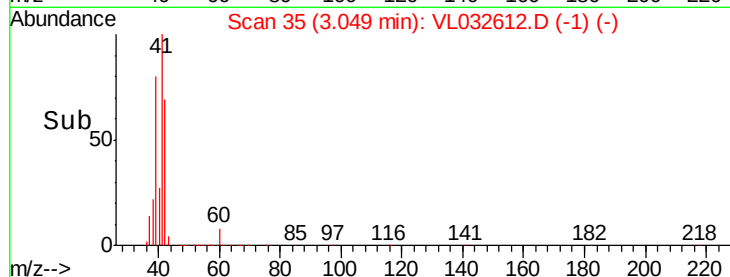
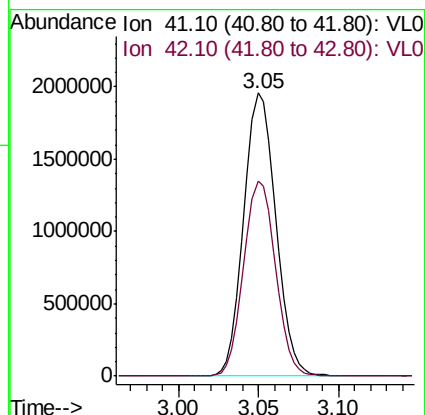
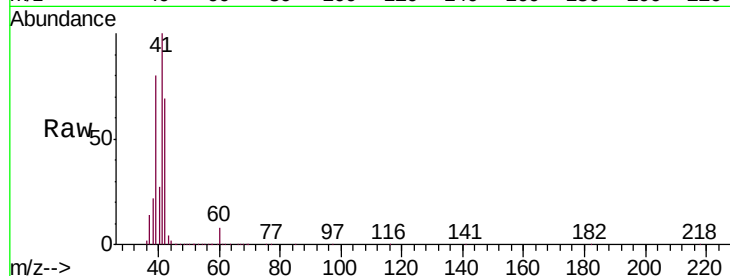
Q1-SVI-100518

Tgt Ion: 41 Resp: 2675349

Ion Ratio Lower Upper

41 100

42 68.6 56.6 84.8



#10

Heptane

Concen: 0.896 ppbv

RT: 8.27 min Scan# 1660

Delta R.T. -0.02 min

Lab File: VL032612.D

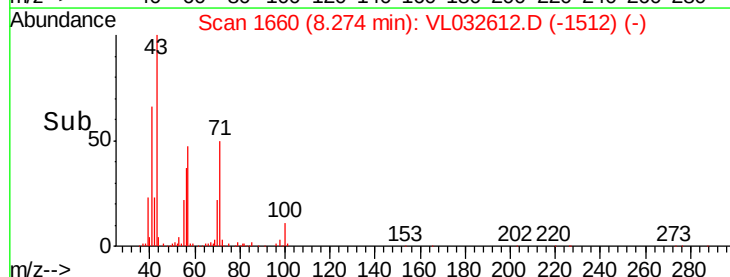
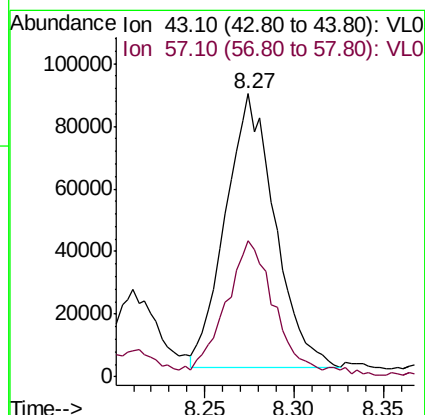
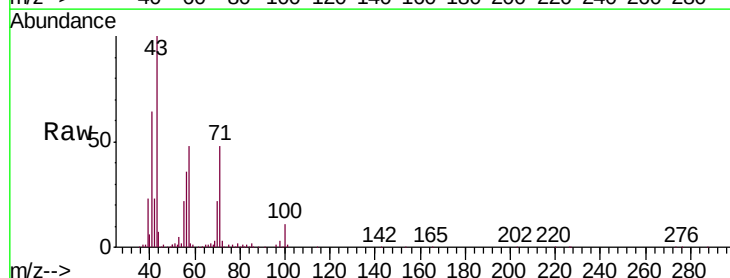
Acq: 11 Oct 2018 20:06

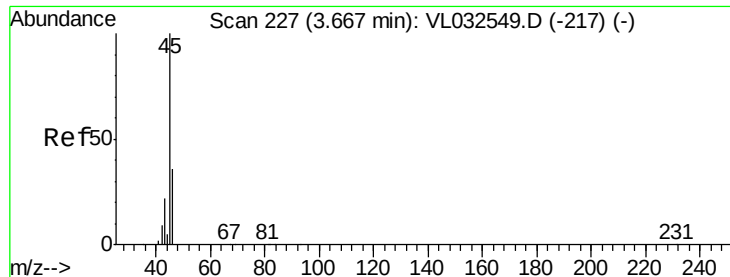
Tgt Ion: 43 Resp: 168563

Ion Ratio Lower Upper

43 100

57 49.0 39.6 59.4

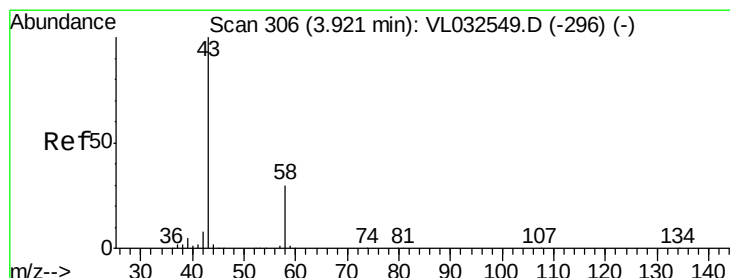
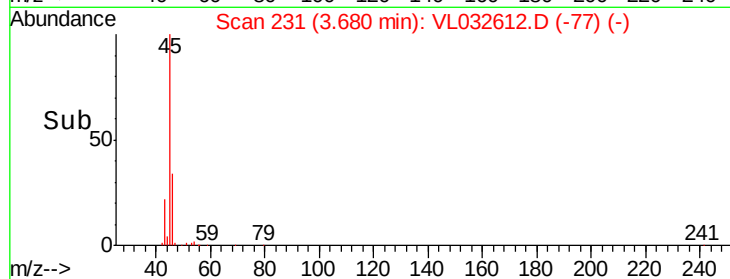
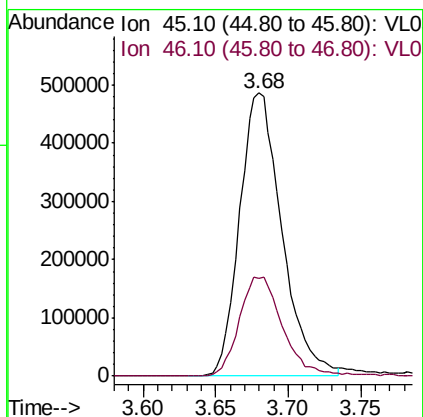
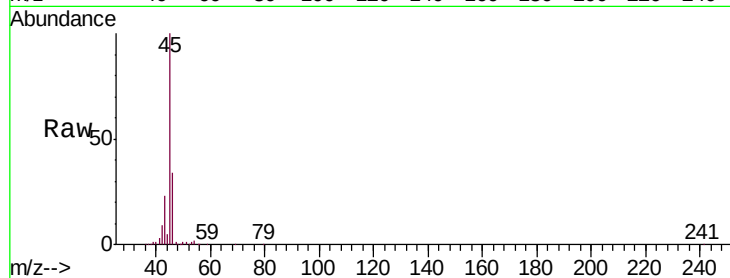




#13
Ethanol
Concen: 63.928 ppbv
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

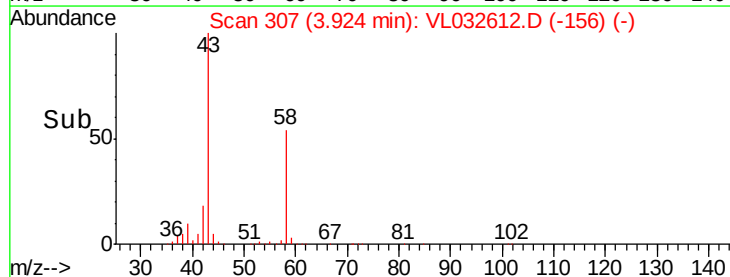
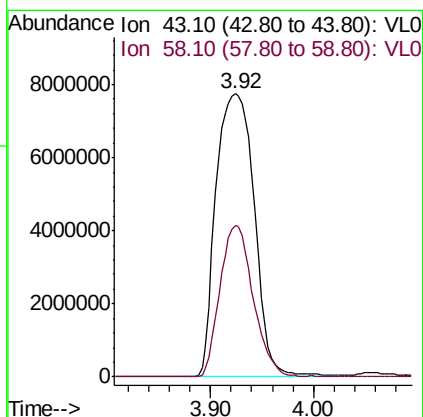
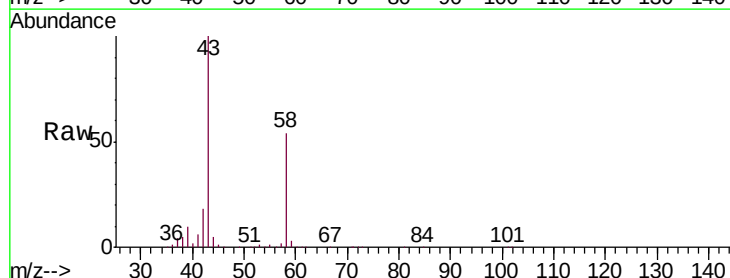
Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518

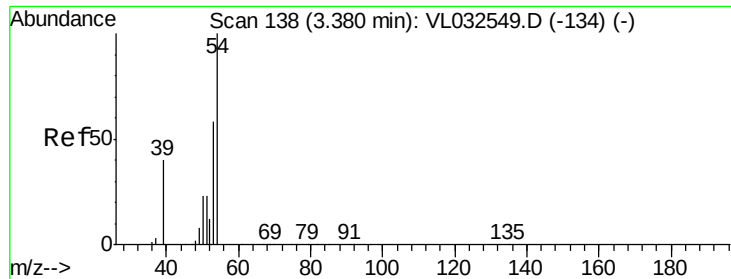
Tgt Ion: 45 Resp: 986001
Ion Ratio Lower Upper
45 100
46 36.4 14.2 56.8



#15
Acetone
Concen: 159.858 ppbv
RT: 3.92 min Scan# 307
Delta R.T. -0.01 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

Tgt Ion: 43 Resp:19955332
Ion Ratio Lower Upper
43 100
58 47.1 22.6 33.8#

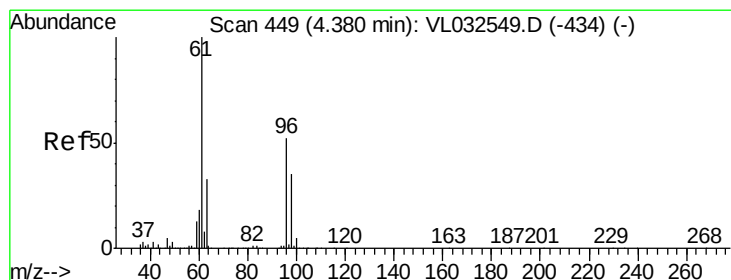
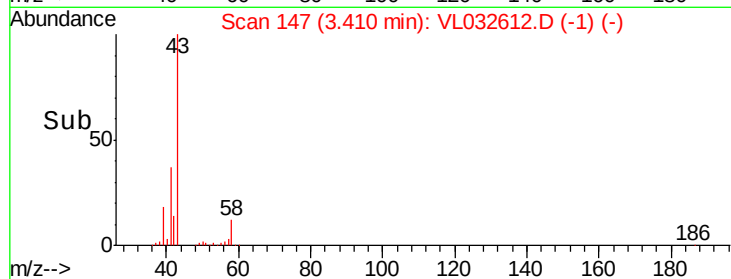
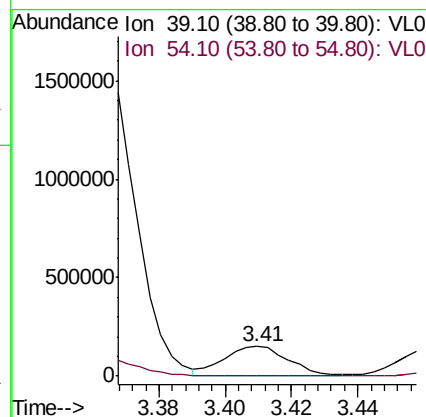
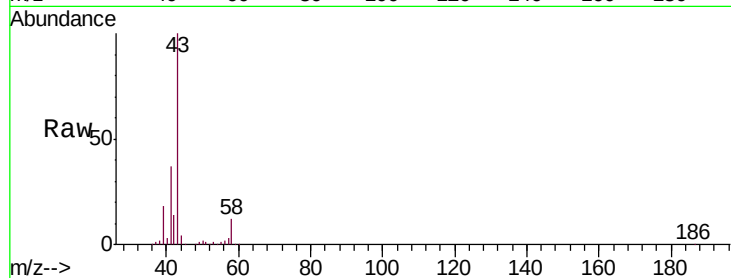




#16
 1,3-Butadiene
 Concen: 4.006 ppbv
 RT: 3.41 min Scan# 147
 Delta R.T. 0.01 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

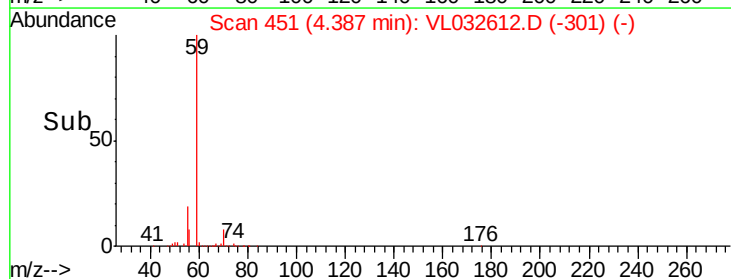
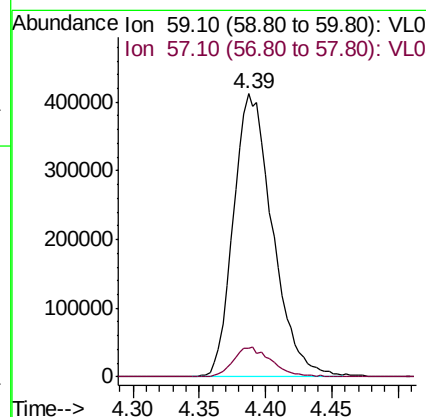
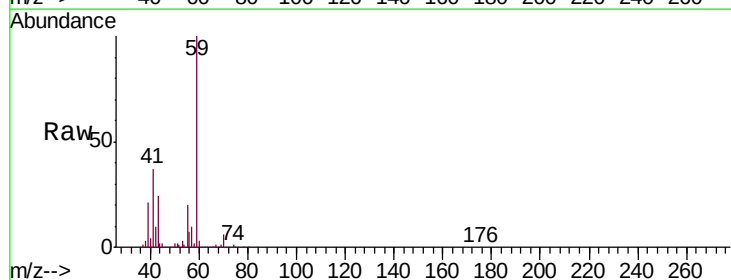
Instrument :
 MSVOA_L
 ClientSampleId :
 Q1-SVI-100518

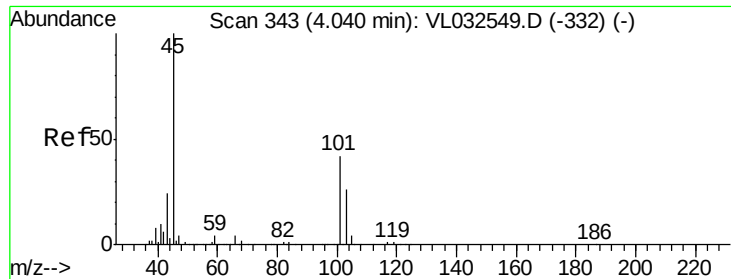
Tgt Ion: 39 Resp: 202818
 Ion Ratio Lower Upper
 39 100
 54 0.0 80.8 121.2#



#17
 tert-Butyl alcohol
 Concen: 54.018 ppbv
 RT: 4.39 min Scan# 451
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

Tgt Ion: 59 Resp: 847361
 Ion Ratio Lower Upper
 59 100
 57 10.5 0.0 0.0#

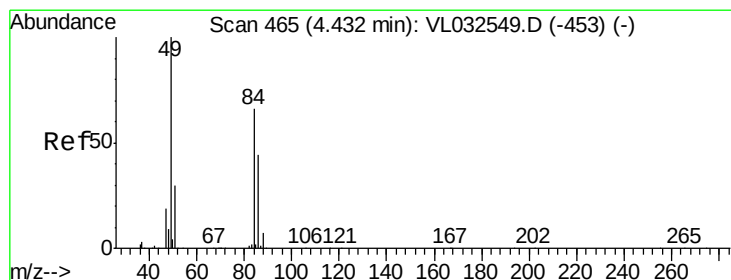
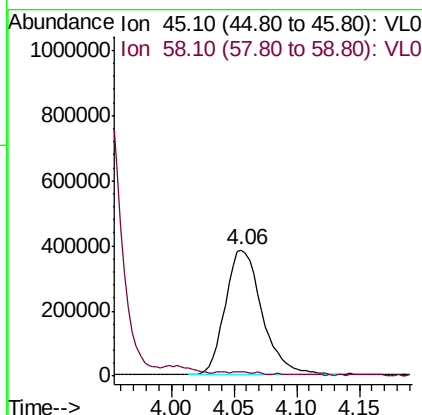
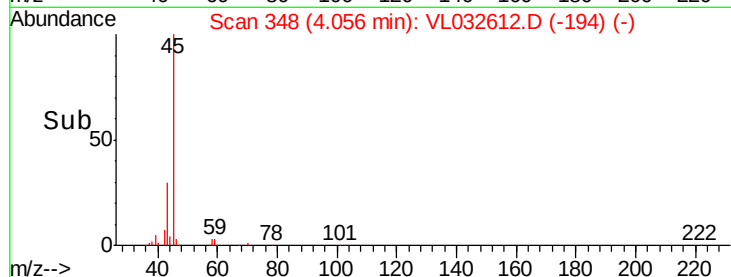
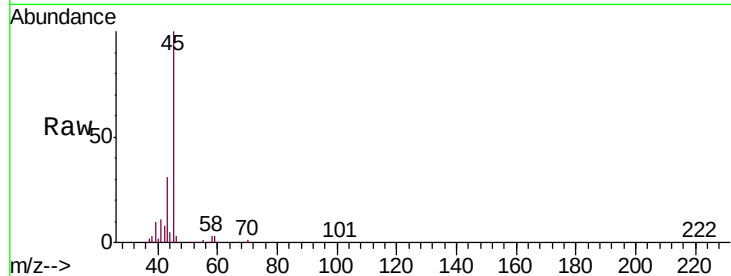




#19
Isopropyl Alcohol
Concen: 8.983 ppbv
RT: 4.06 min Scan# 348
Delta R.T. -0.01 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

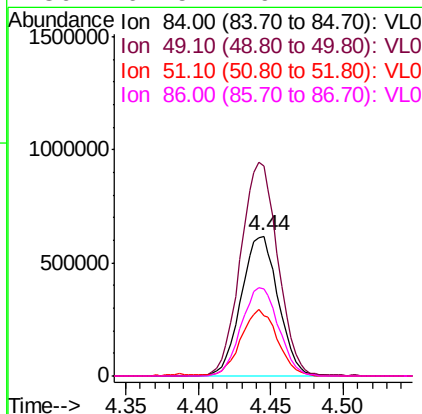
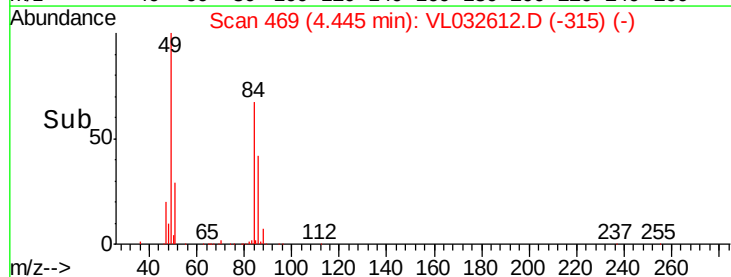
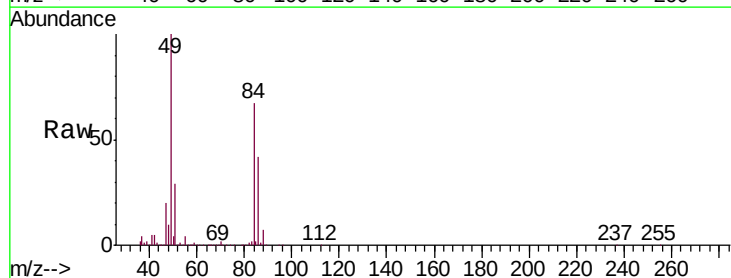
Instrument :
MSVOA_L
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Q1-SVI-100518

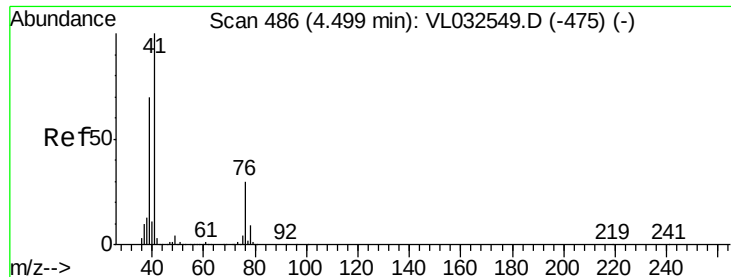
Tgt Ion: 45 Resp: 781059
Ion Ratio Lower Upper
45 100
58 0.0 2.0 3.0#



#20
Methylene Chloride
Concen: 18.269 ppbv
RT: 4.44 min Scan# 469
Delta R.T. -0.01 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

Tgt Ion: 84 Resp: 1104371
Ion Ratio Lower Upper
84 100
49 149.3 119.1 178.7
51 43.0 35.2 52.8
86 62.5 49.4 74.2





#21

Allyl Chloride

Concen: 0.692 ppbv

RT: 4.44 min Scan# 469

Delta R.T. -0.08 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

Q1-SVI-100518

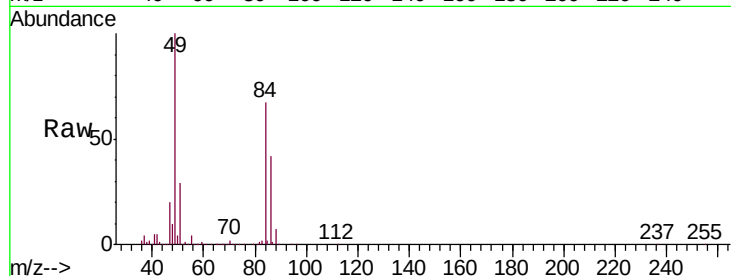
Tgt Ion: 41 Resp: 70570

Ion Ratio Lower Upper

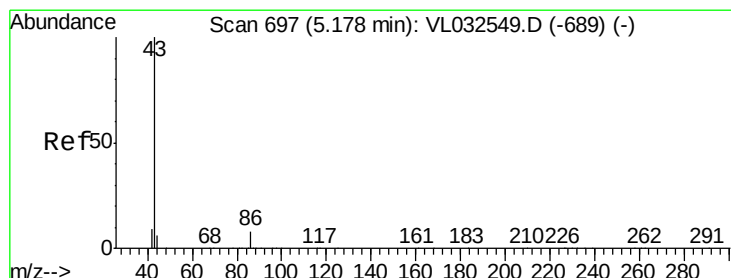
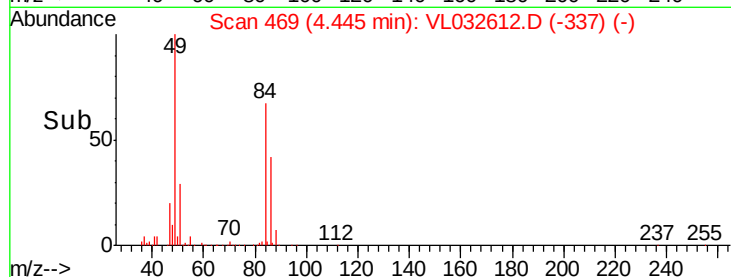
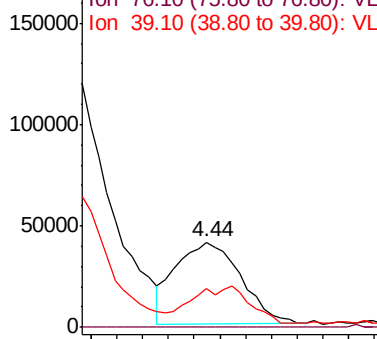
41 100

76 0.0 23.6 35.4#

39 38.5 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: 4.683 ppbv

RT: 5.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Tgt Ion: 43 Resp: 1033049

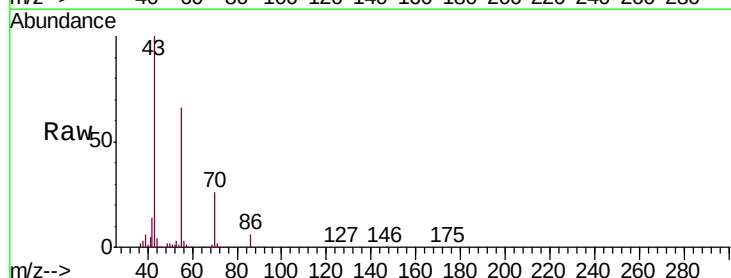
Ion Ratio Lower Upper

43 100

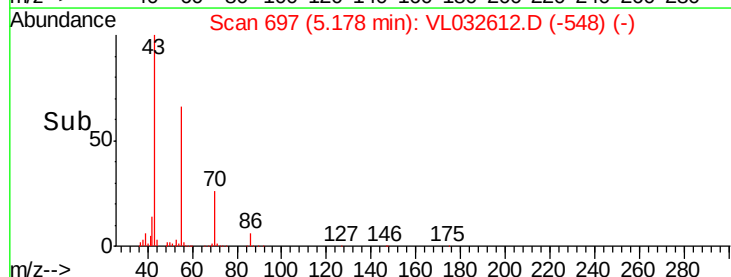
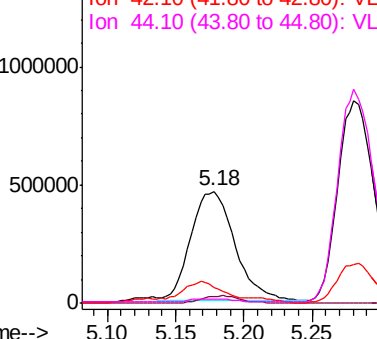
86 6.4 5.9 8.9

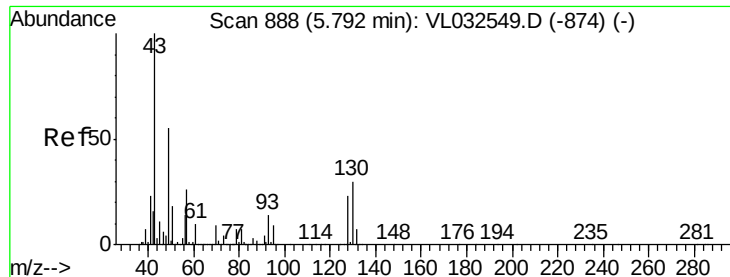
42 14.1 6.9 10.3#

44 3.1 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

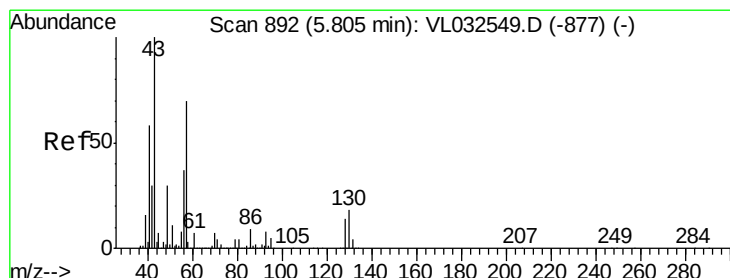
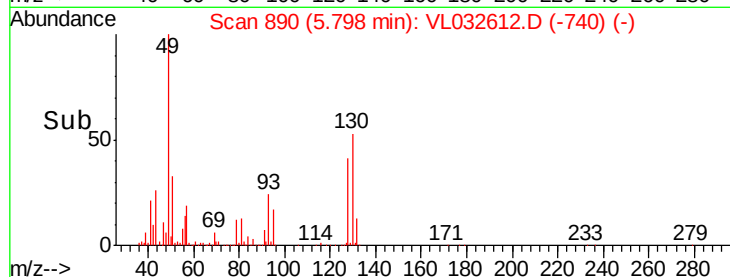
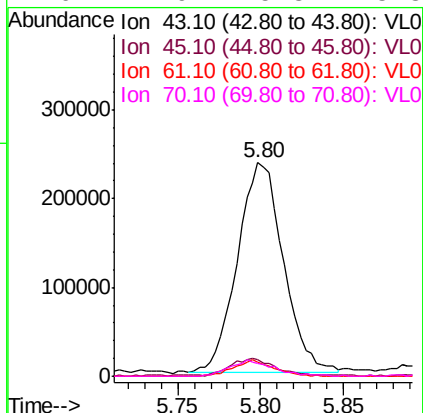
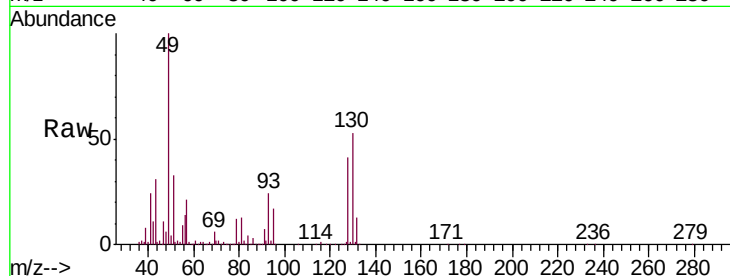




#25
Ethyl Acetate
Concen: 1.501 ppbv
RT: 5.80 min Scan# 890
Delta R.T. -0.02 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

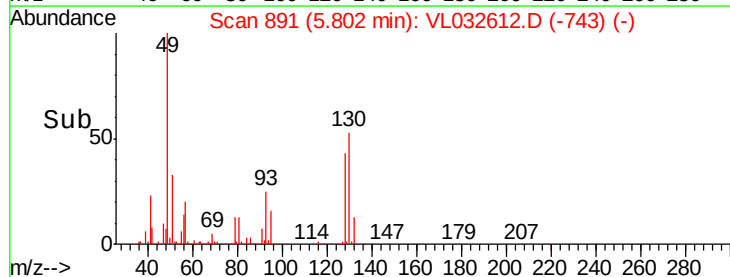
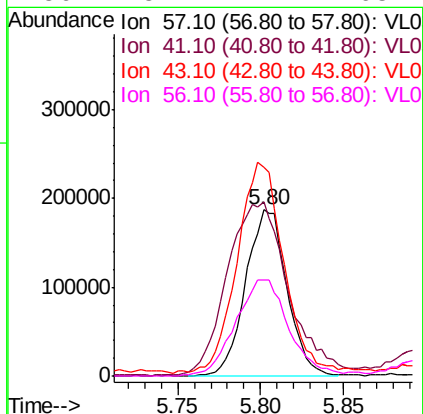
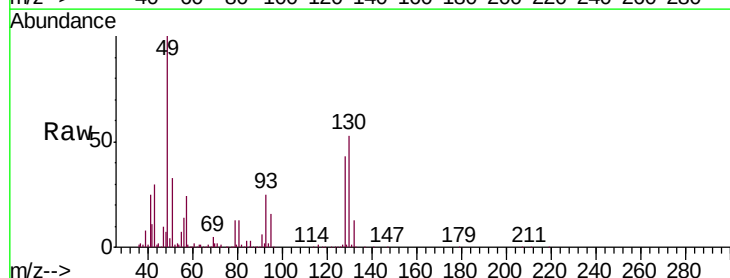
Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518

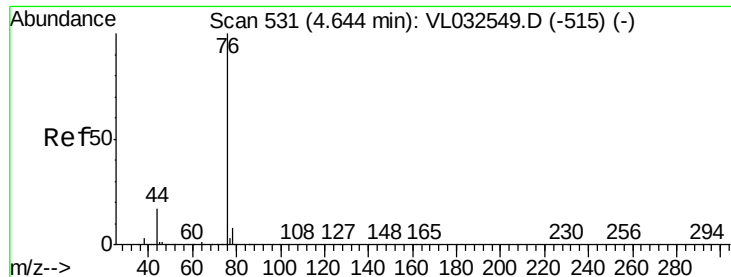
Tgt Ion:	43	Resp:	454721
Ion	Ratio	Lower	Upper
43	100		
45	8.4	8.0	12.0
61	6.8	7.6	11.4#
70	7.9	5.8	8.8



#26
Hexane
Concen: 2.362 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

Tgt Ion:	57	Resp:	323169
Ion	Ratio	Lower	Upper
57	100		
41	156.1	69.0	103.4#
43	141.7	172.1	258.1#
56	75.2	42.2	63.2#





#27

Carbon Disulfide

Concen: 2.708 ppbv

RT: 4.64 min Scan# 531

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

Q1-SVI-100518

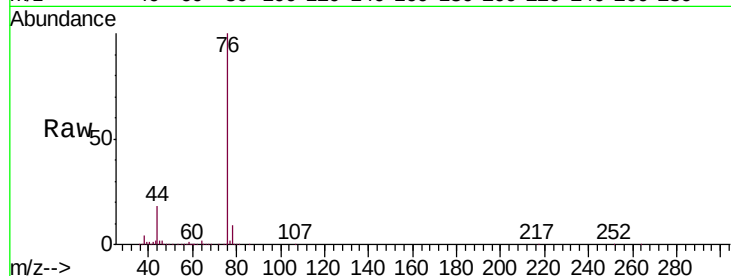
Tgt Ion: 76 Resp: 398276

Ion Ratio Lower Upper

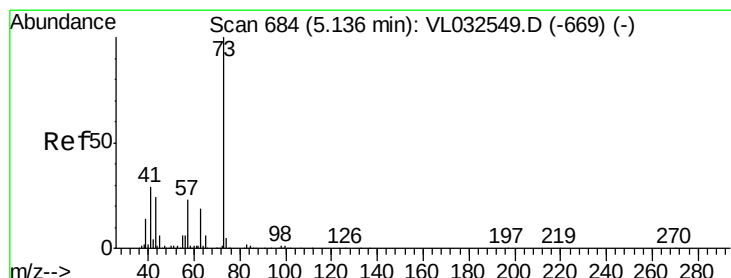
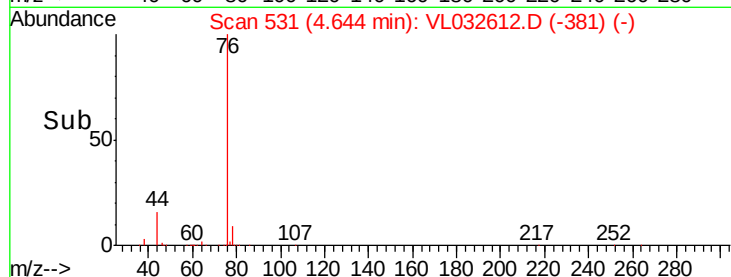
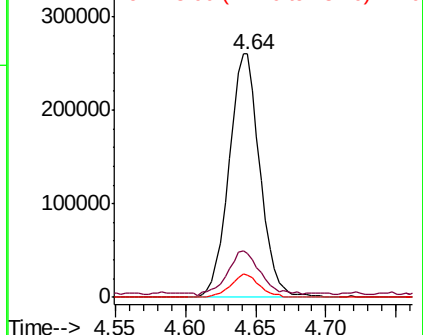
76 100

44 20.1 14.0 21.0

78 9.1 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: 0.063 ppbv

RT: 5.13 min Scan# 683

Delta R.T. -0.02 min

Lab File: VL032612.D

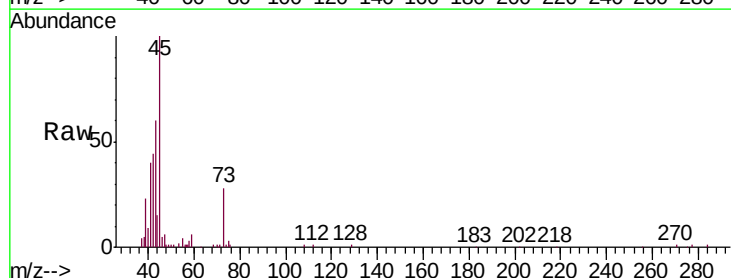
Acq: 11 Oct 2018 20:06

Tgt Ion: 73 Resp: 10705

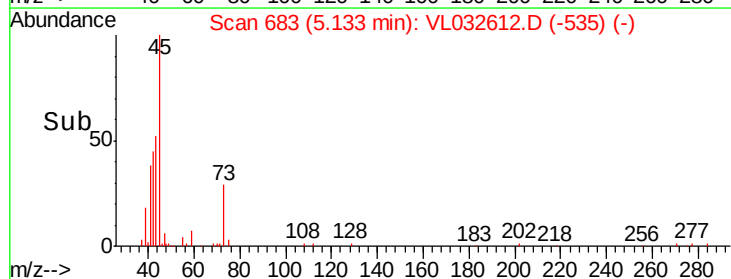
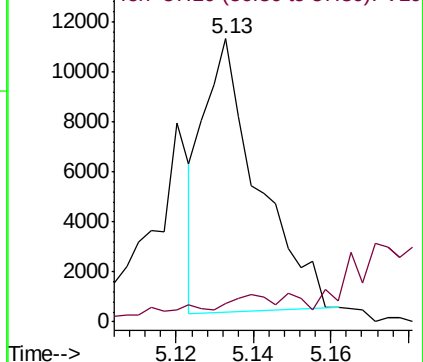
Ion Ratio Lower Upper

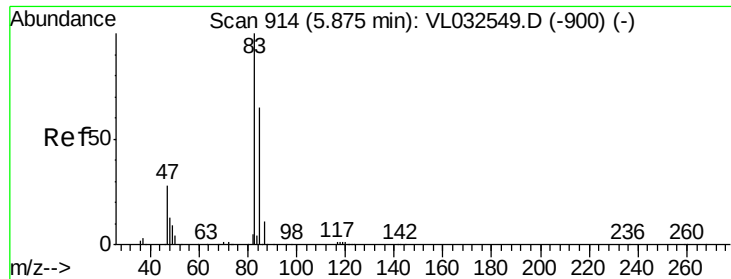
73 100

57 0.0 19.3 28.9#



Abundance Ion 73.10 (72.80 to 73.80): VL0
Ion 57.10 (56.80 to 57.80): VL0





#29

Chloroform

Concen: 0.085 ppbv

RT: 5.89 min Scan# 918

Delta R.T. -0.01 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

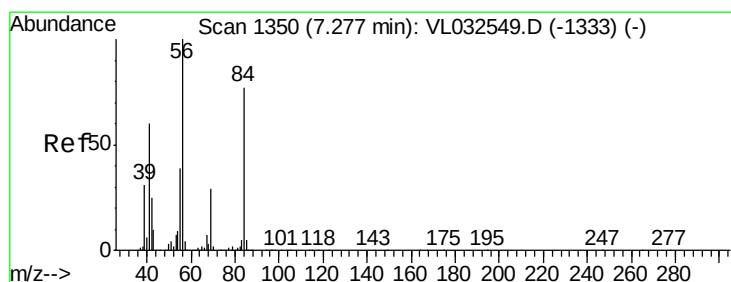
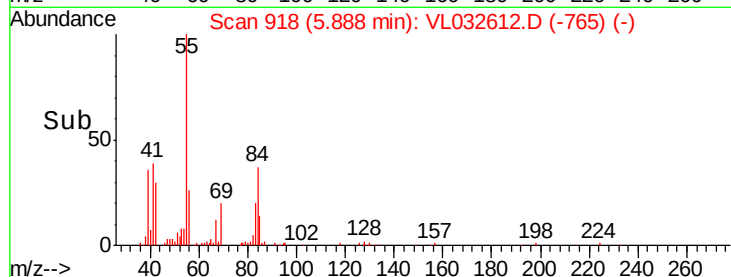
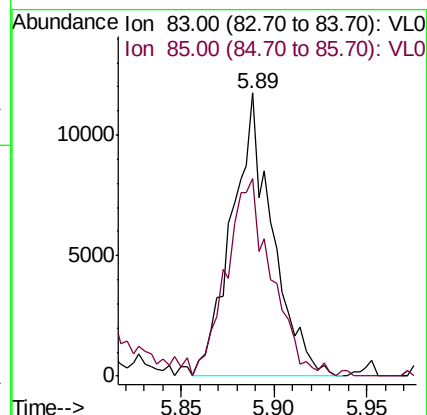
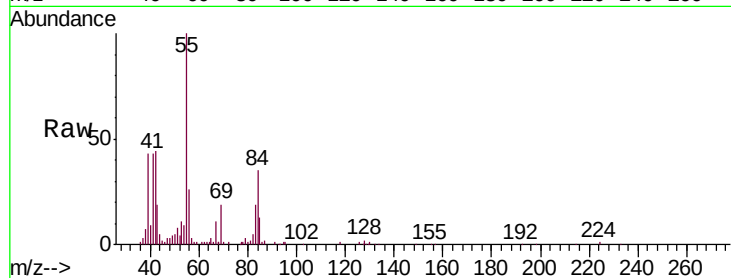
Q1-SVI-100518

Tgt Ion: 83 Resp: 17765

Ion Ratio Lower Upper

83 100

85 69.7 52.5 78.7



#30

Cyclohexane

Concen: 0.106 ppbv

RT: 7.28 min Scan# 1350

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

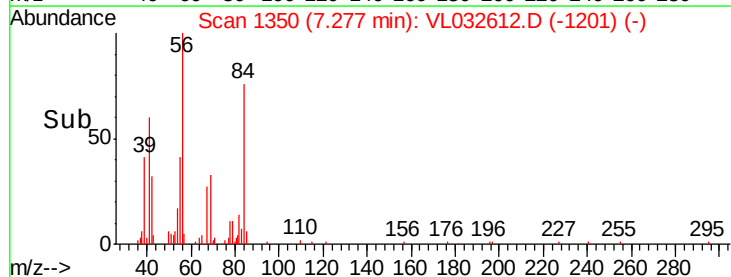
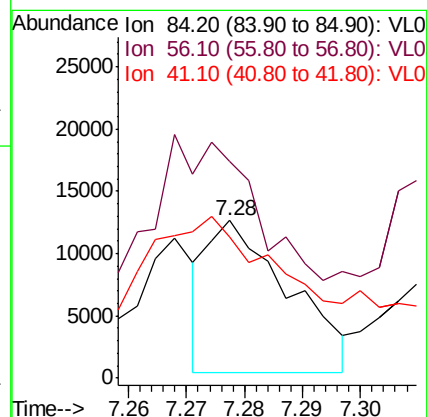
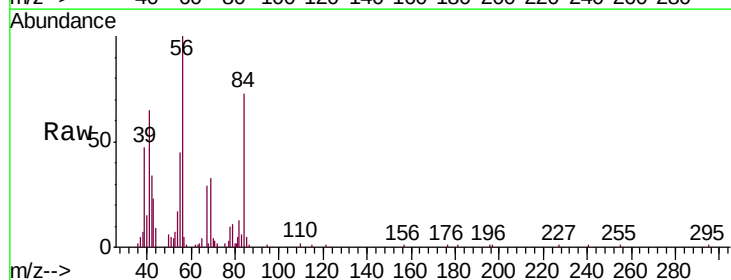
Tgt Ion: 84 Resp: 11860

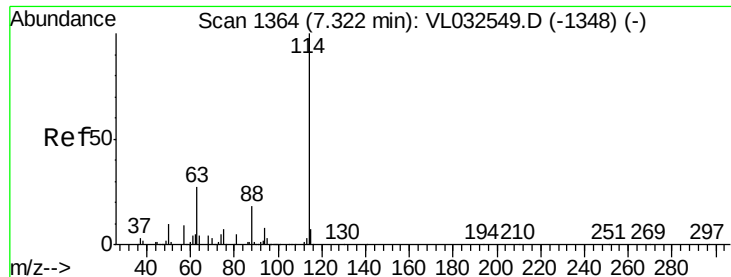
Ion Ratio Lower Upper

84 100

56 0.0 113.5 170.3#

41 202.2 68.1 102.1#

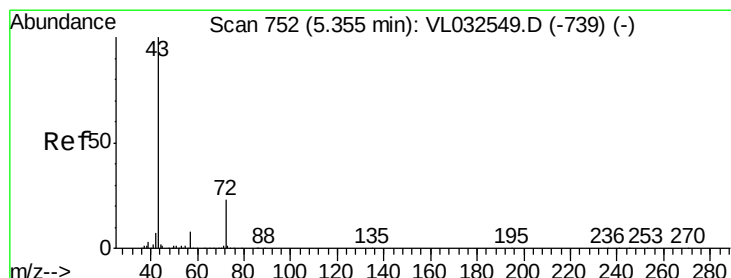
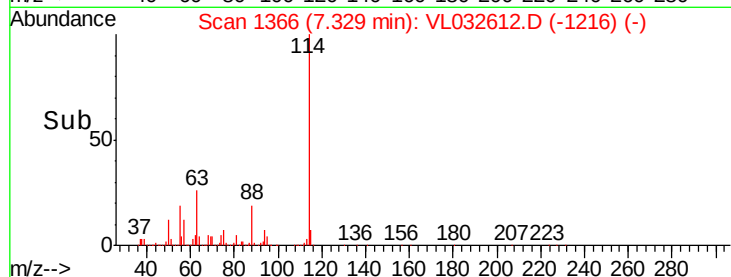
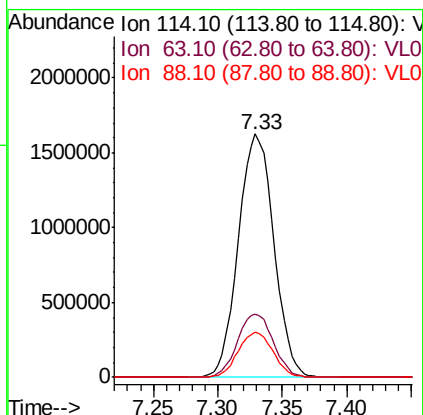
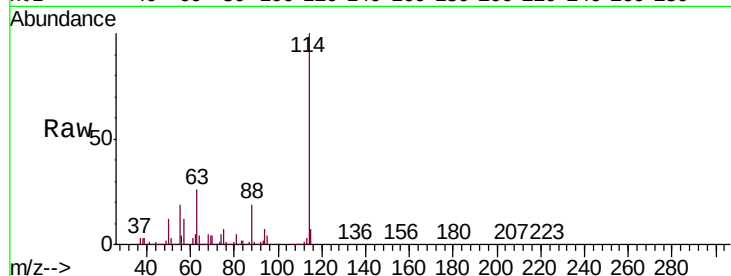




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.33 min Scan# 1366
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

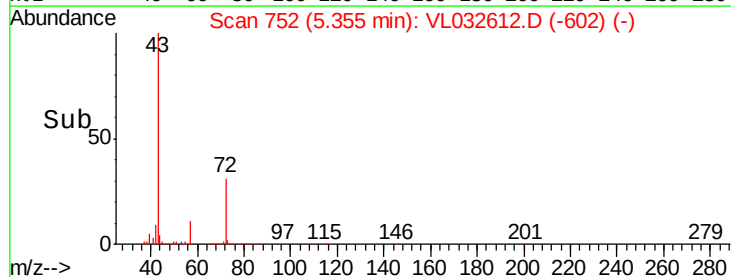
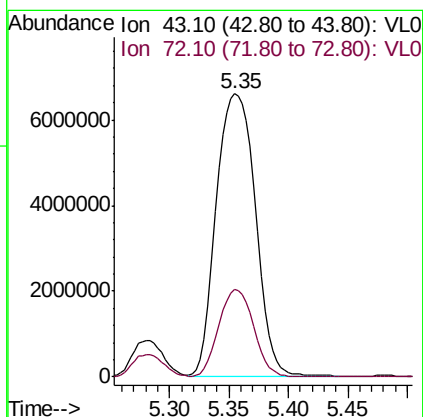
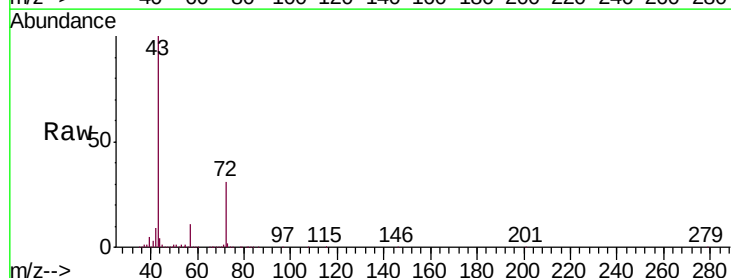
Instrument :
 MSVOA_L
 ClientSampleId :
 Q1-SVI-100518

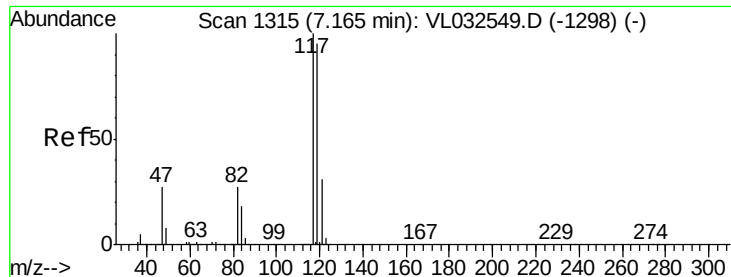
Tgt Ion:114 Resp: 3120732
 Ion Ratio Lower Upper
 114 100
 63 26.6 22.2 33.4
 88 18.4 15.0 22.4



#34
 2-Butanone
 Concen: 80.773 ppbv
 RT: 5.35 min Scan# 752
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

Tgt Ion: 43 Resp:15010842
 Ion Ratio Lower Upper
 43 100
 72 27.7 17.8 26.6#





#35

Carbon Tetrachloride

Concen: 0.046 ppbv

RT: 7.17 min Scan# 1316

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

Q1-SVI-100518

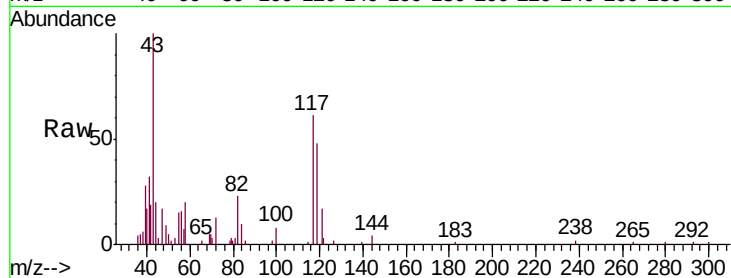
Tgt Ion:117 Resp: 9908

Ion Ratio Lower Upper

117 100

119 73.3 76.6 115.0#

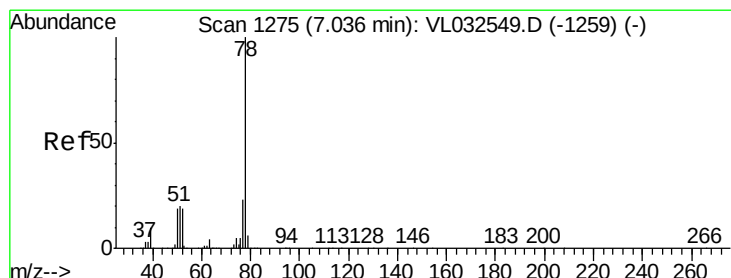
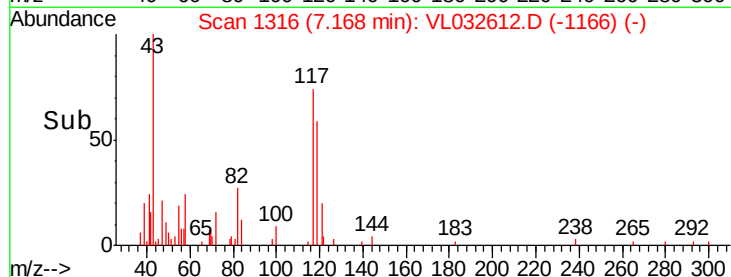
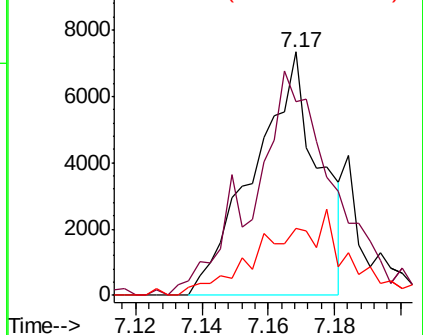
121 23.9 24.6 36.8#



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: 0.855 ppbv

RT: 7.04 min Scan# 1276

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

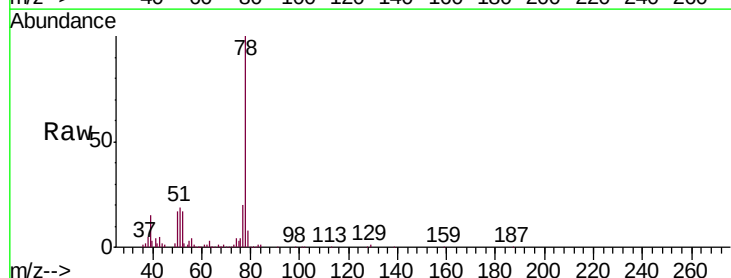
Tgt Ion: 78 Resp: 215633

Ion Ratio Lower Upper

78 100

77 19.7 18.4 27.6

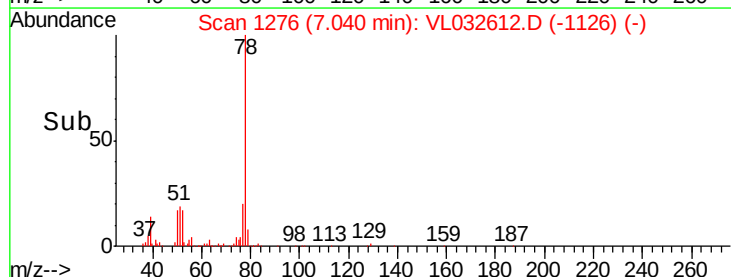
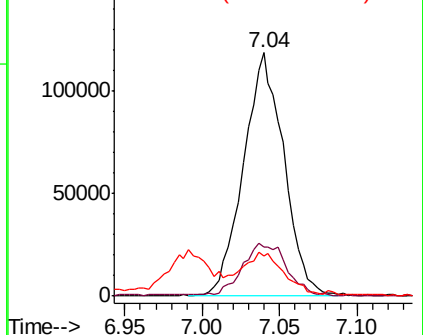
50 15.7 14.4 21.6

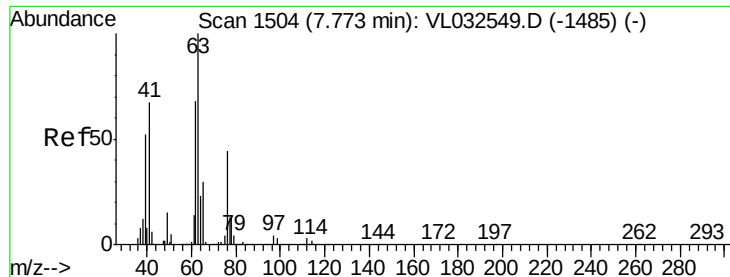


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





#39

1,2-Dichloropropane

Concen: 7.200 ppbv

RT: 7.33 min Scan# 1366

Delta R.T. -0.46 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

Q1-SVI-100518

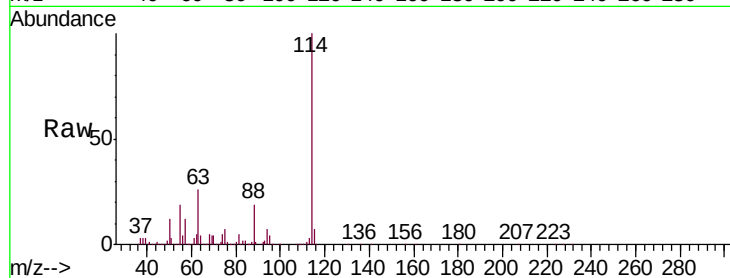
Tgt Ion: 63 Resp: 818346

Ion Ratio Lower Upper

63 100

41 0.0 55.4 83.0#

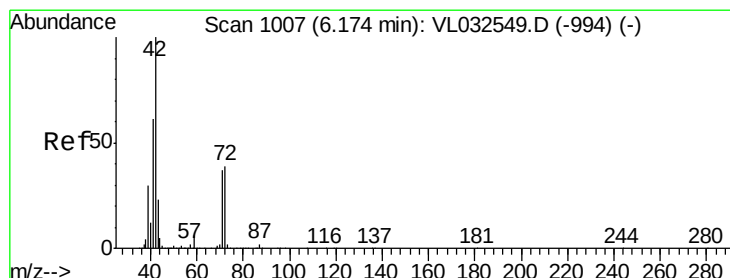
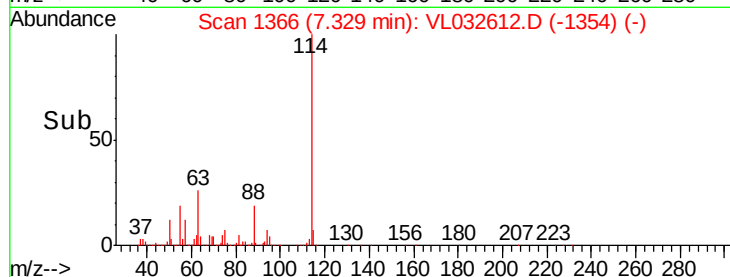
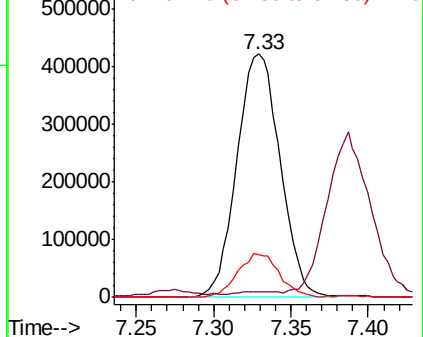
62 17.2 55.4 83.0#



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: 0.348 ppbv

RT: 6.18 min Scan# 1009

Delta R.T. -0.01 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

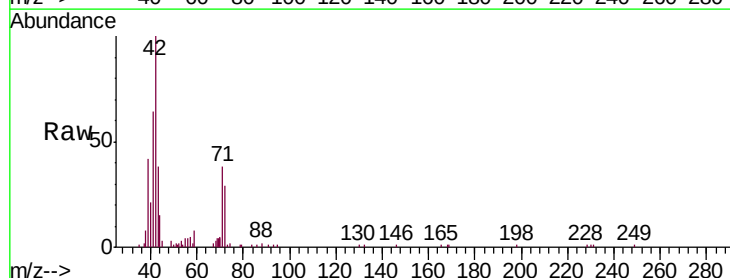
Tgt Ion: 42 Resp: 35120

Ion Ratio Lower Upper

42 100

72 49.5 29.5 44.3#

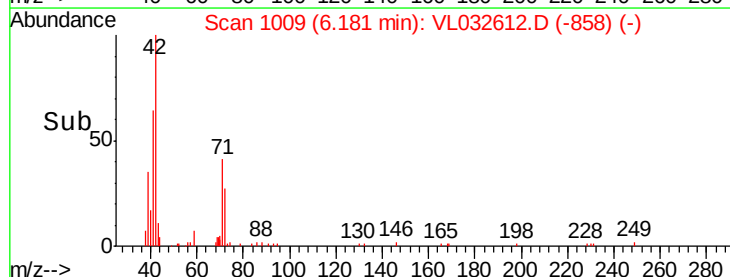
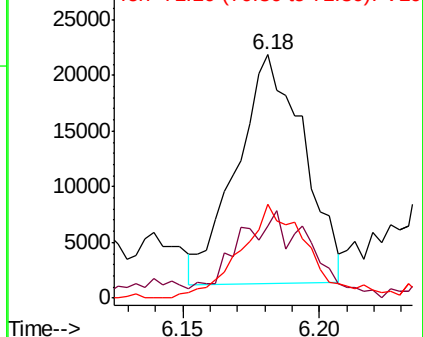
71 40.8 28.3 42.5

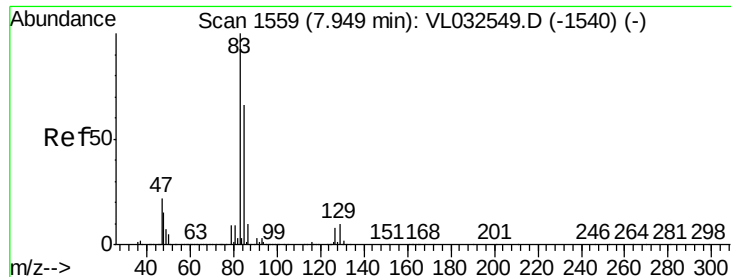


Abundance Ion 42.10 (41.80 to 42.80): VL0

Ion 72.10 (71.80 to 72.80): VL0

Ion 71.10 (70.80 to 71.80): VL0





#42

Bromodichloromethane

Concen: 0.052 ppbv

RT: 7.96 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

Q1-SVI-100518

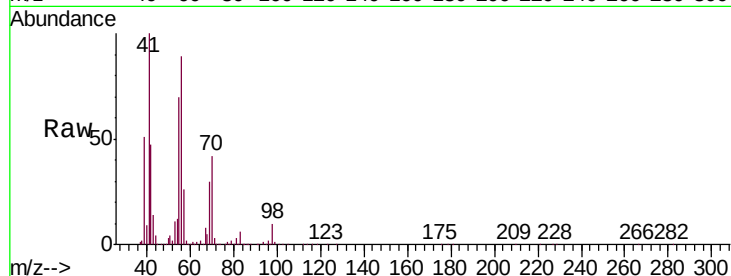
Tgt Ion: 83 Resp: 11843

Ion Ratio Lower Upper

83 100

85 3.0 51.1 76.7#

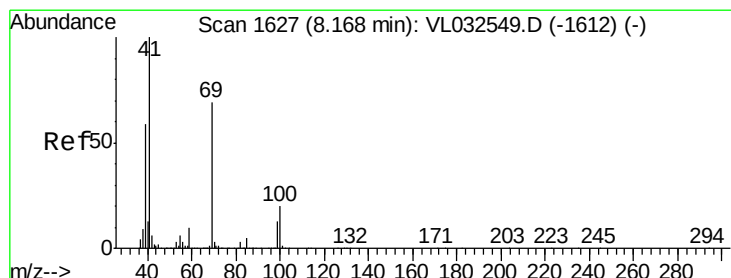
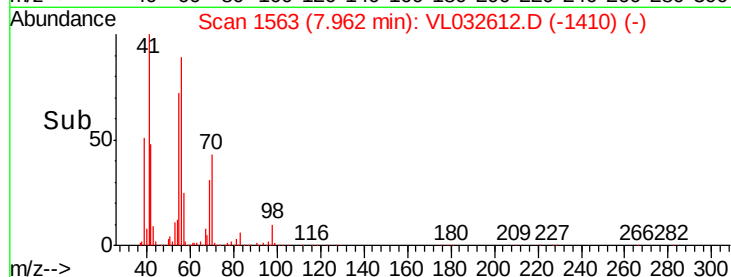
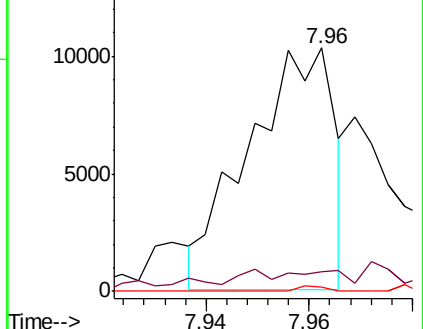
127 2.1 5.8 8.8#



Abundance Ion 83.00 (82.70 to 83.70): VL0

Ion 85.00 (84.70 to 85.70): VL0

Ion 126.90 (126.60 to 127.60): VL0



#43

Methyl Methacrylate

Concen: 0.870 ppbv

RT: 8.21 min Scan# 1640

Delta R.T. 0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

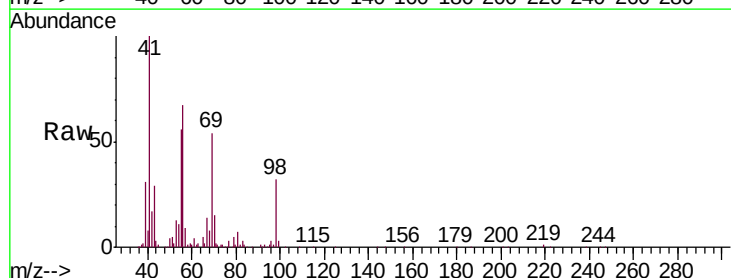
Tgt Ion: 69 Resp: 91666

Ion Ratio Lower Upper

69 100

41 210.9 117.1 175.7#

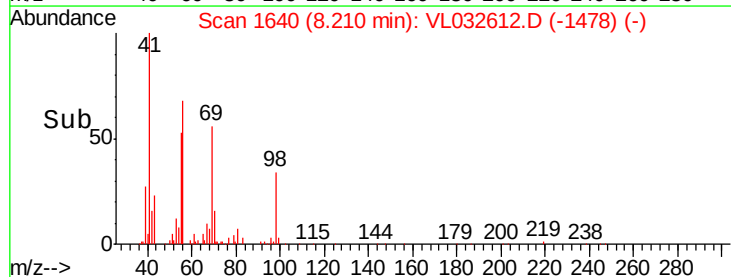
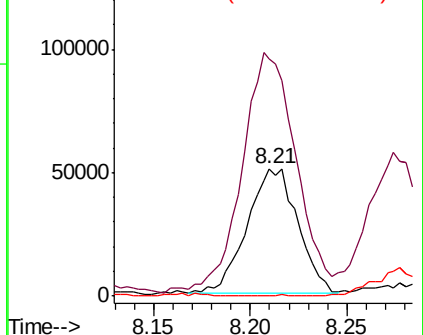
100 1.6 23.4 35.2#

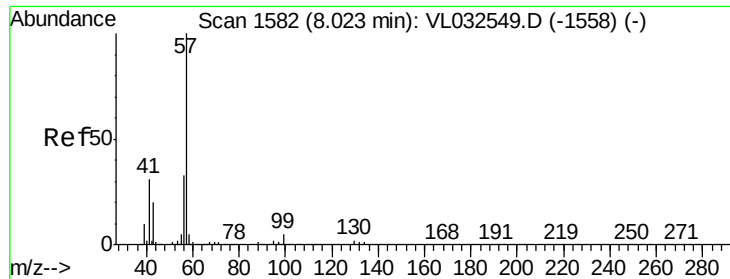


Abundance Ion 69.10 (68.80 to 69.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 100.10 (99.80 to 100.80): VL0

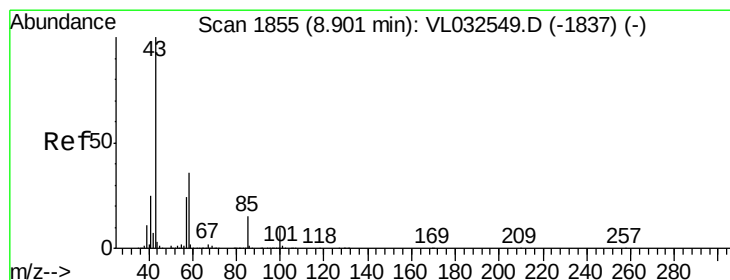
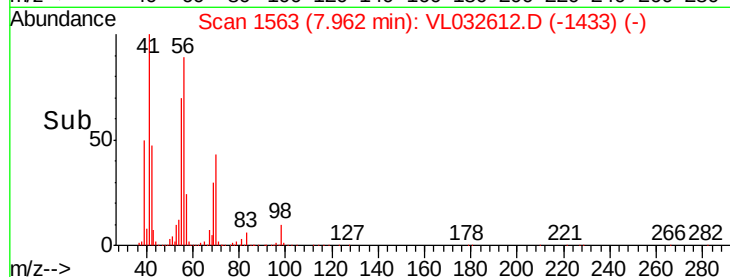
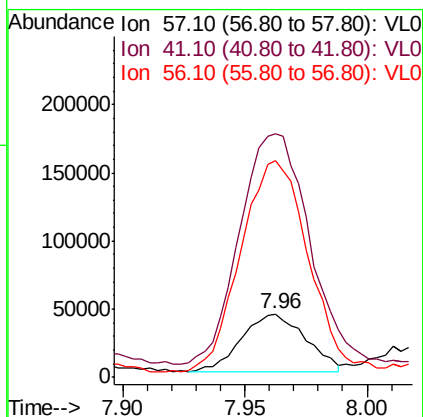
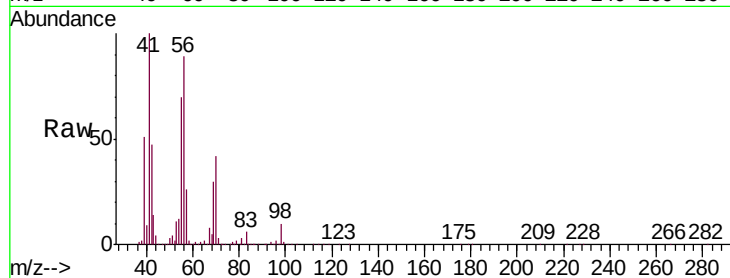




#44
 2,2,4-Trimethylpentane
 Concen: 0.154 ppbv
 RT: 7.96 min Scan# 1563
 Delta R.T. -0.08 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

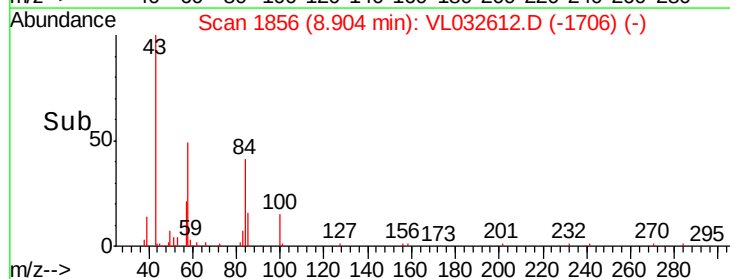
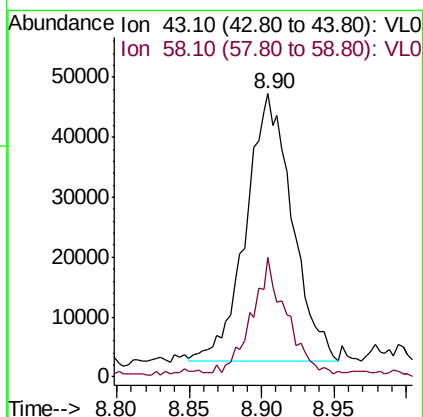
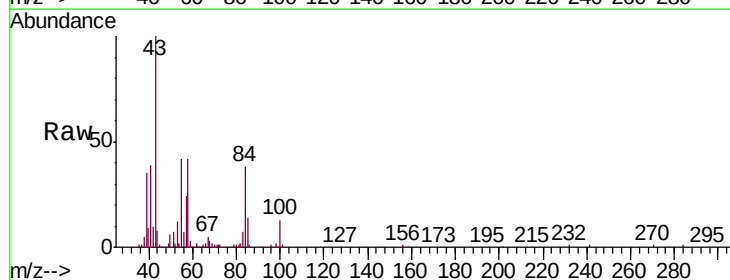
Instrument :
 MSVOA_L
 ClientSampleId :
 Q1-SVI-100518

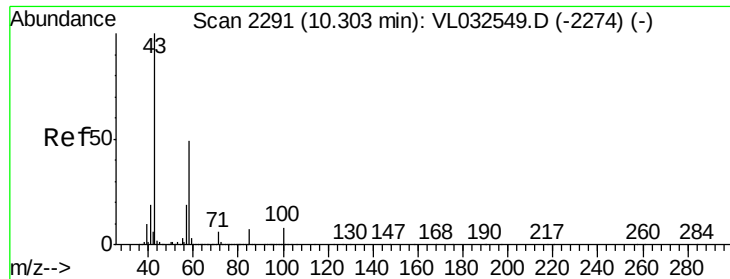
Tgt Ion: 57 Resp: 75659
 Ion Ratio Lower Upper
 57 100
 41 526.9 24.4 36.6#
 56 449.1 25.7 38.5#



#50
 4-Methyl-2-Pentanone
 Concen: 0.338 ppbv
 RT: 8.90 min Scan# 1856
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

Tgt Ion: 43 Resp: 98698
 Ion Ratio Lower Upper
 43 100
 58 34.8 29.0 43.4

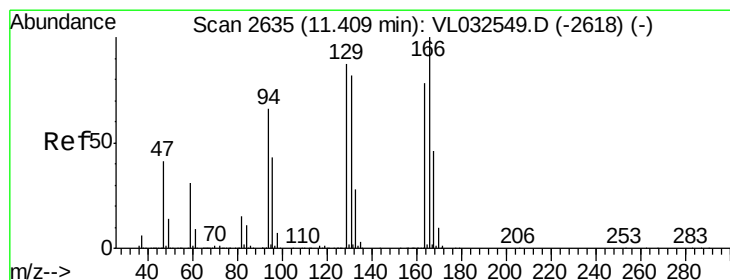
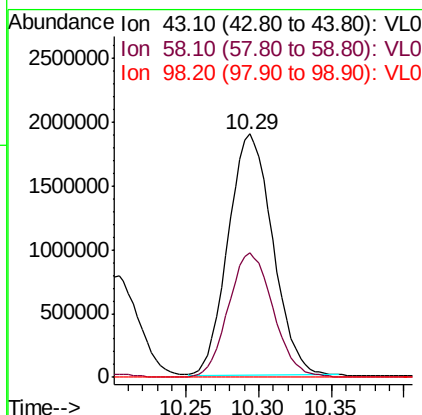
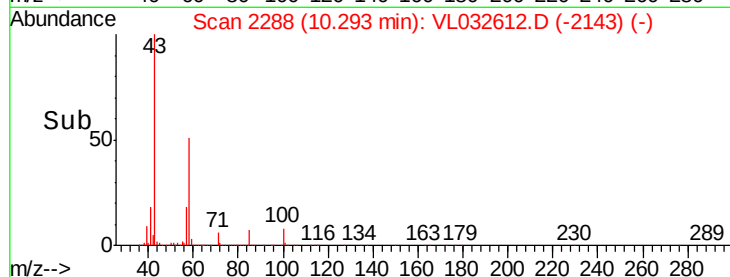
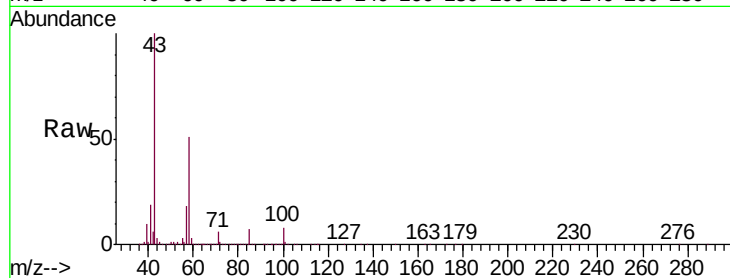




#51
2-Hexanone
Concen: 16.742 ppbv
RT: 10.29 min Scan# 2288
Delta R.T. -0.03 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

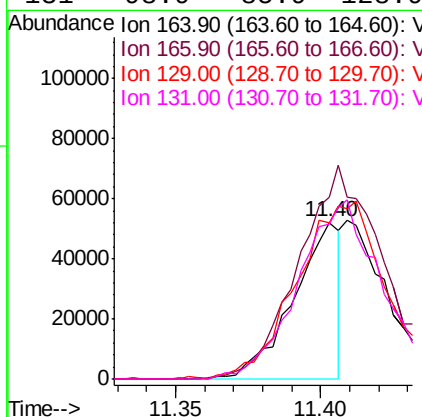
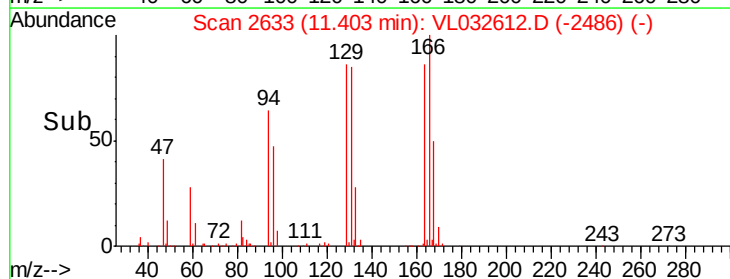
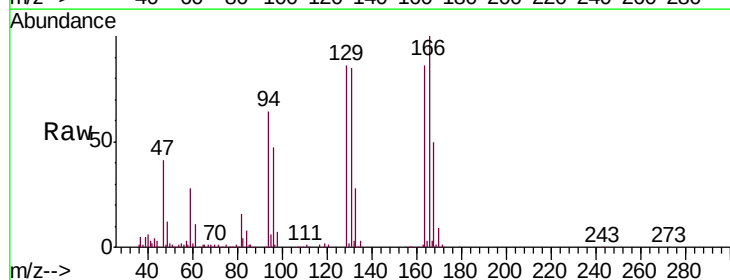
Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518

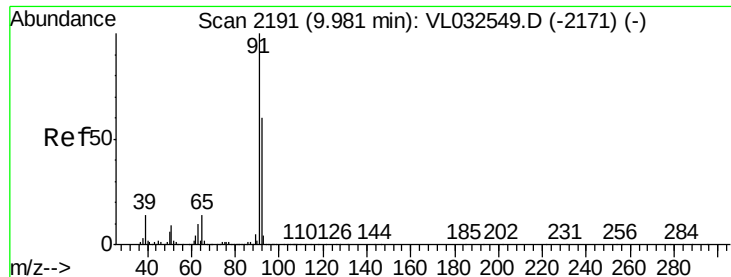
Tgt Ion: 43 Resp: 4044664
Ion Ratio Lower Upper
43 100
58 51.8 39.2 58.8
98 0.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 0.661 ppbv
RT: 11.40 min Scan# 2633
Delta R.T. -0.03 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

Tgt Ion: 164 Resp: 58014
Ion Ratio Lower Upper
164 100
166 116.4 100.6 150.8
129 98.7 89.9 134.9
131 98.9 85.9 128.9





#53

Toluene

Concen: 5.011 ppbv

RT: 9.98 min Scan# 2190

Delta R.T. -0.03 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

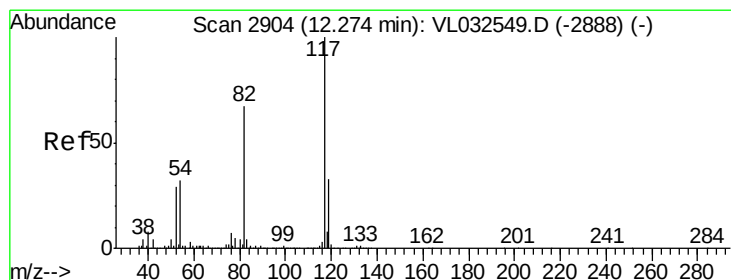
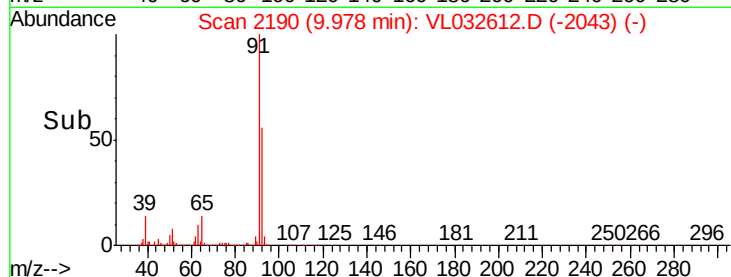
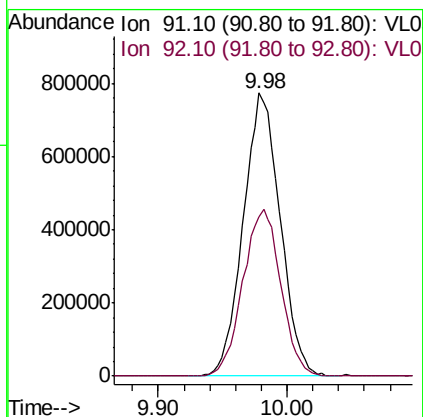
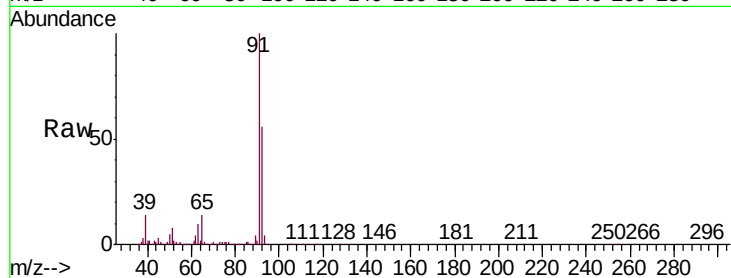
Q1-SVI-100518

Tgt Ion: 91 Resp: 1539965

Ion Ratio Lower Upper

91 100

92 60.6 48.1 72.1



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.27 min Scan# 2904

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

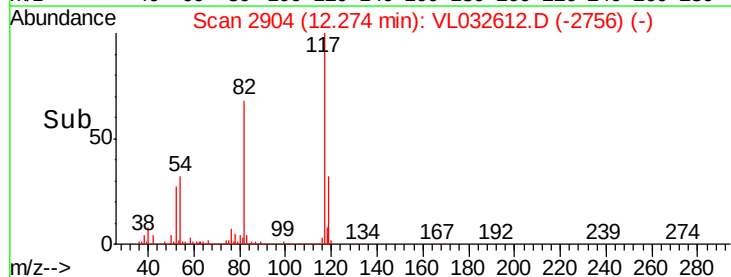
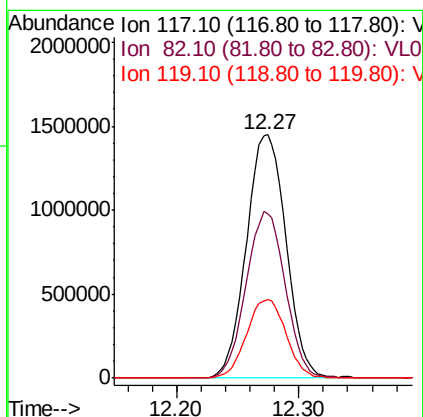
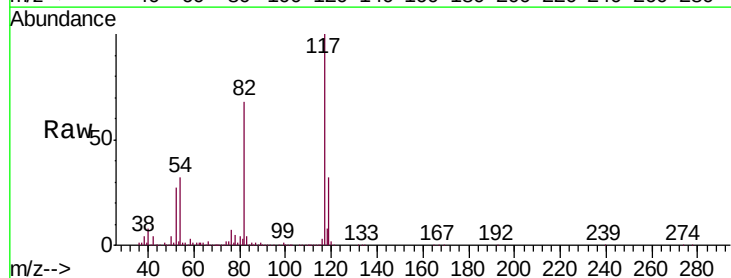
Tgt Ion: 117 Resp: 3249914

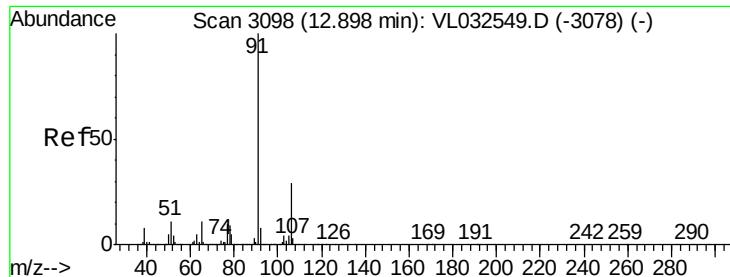
Ion Ratio Lower Upper

117 100

82 68.2 53.0 79.6

119 32.2 45.9 68.9#





#58

Ethyl Benzene

Concen: 0.201 ppbv

RT: 12.90 min Scan# 3098

Delta R.T. -0.02 min

Lab File: VL032612.D

Acq: 11 Oct 2018 20:06

Instrument :

MSVOA_L

ClientSampleId :

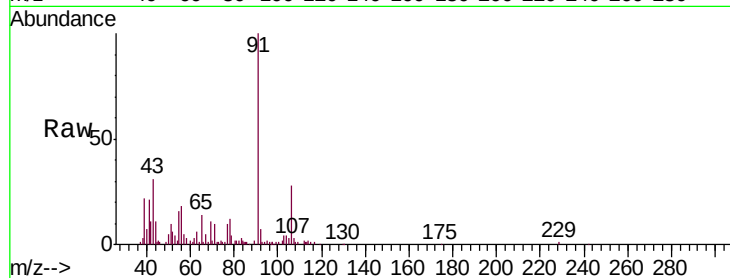
Q1-SVI-100518

Tgt Ion: 91 Resp: 79061

Ion Ratio Lower Upper

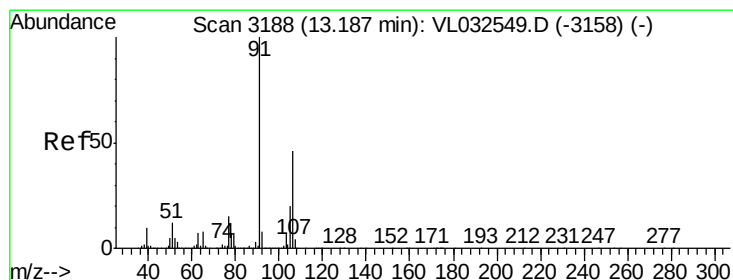
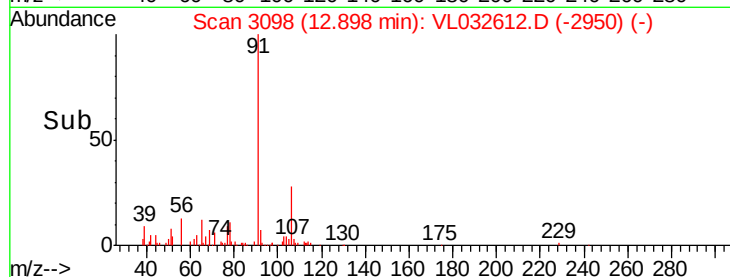
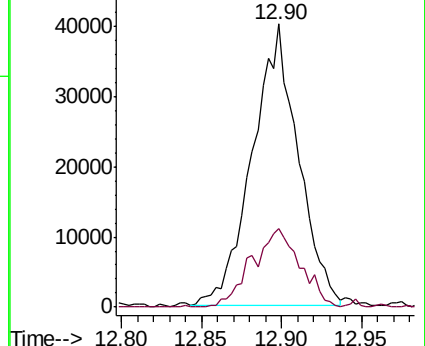
91 100

106 28.0 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: 0.478 ppbv

RT: 13.15 min Scan# 3177

Delta R.T. -0.06 min

Lab File: VL032612.D

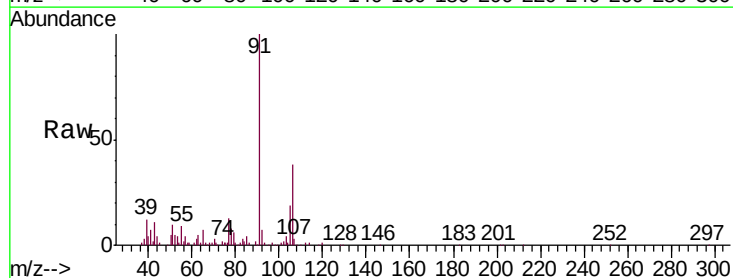
Acq: 11 Oct 2018 20:06

Tgt Ion: 91 Resp: 167742

Ion Ratio Lower Upper

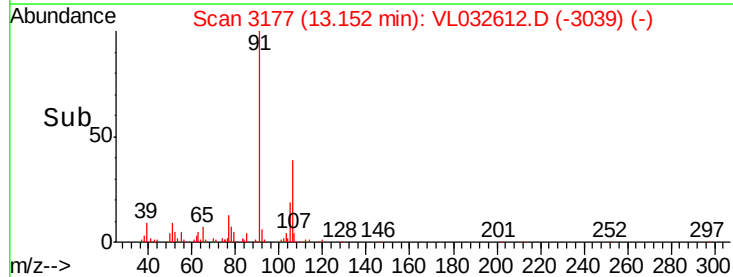
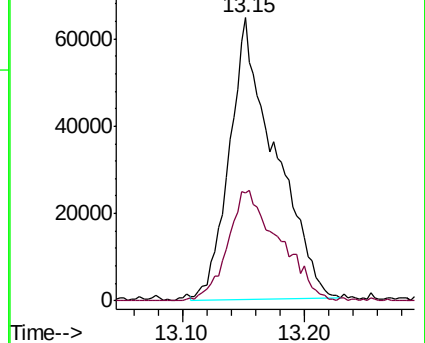
91 100

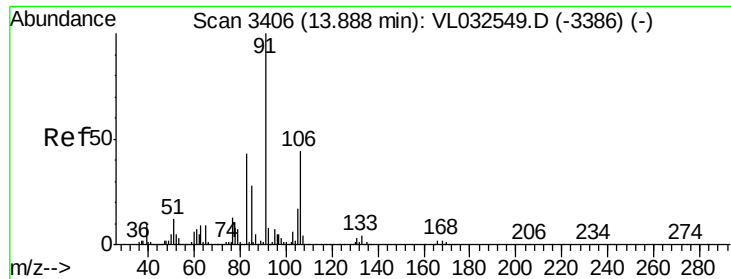
106 44.6 36.6 55.0



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 106.10 (105.80 to 106.80): V

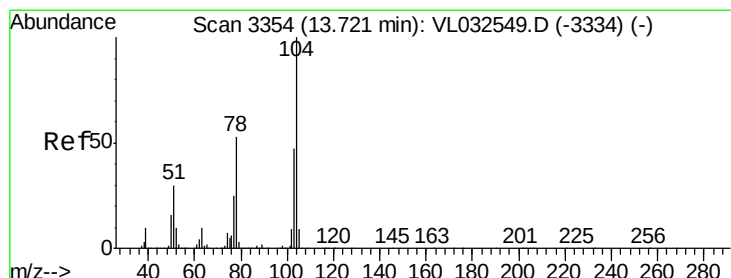
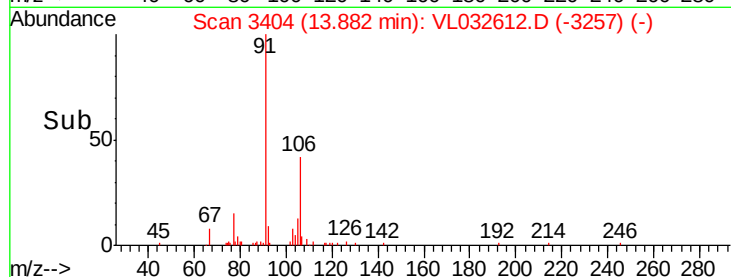
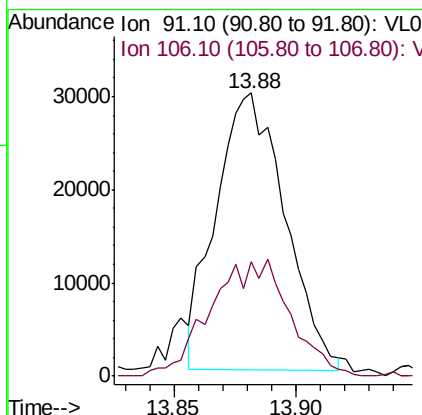
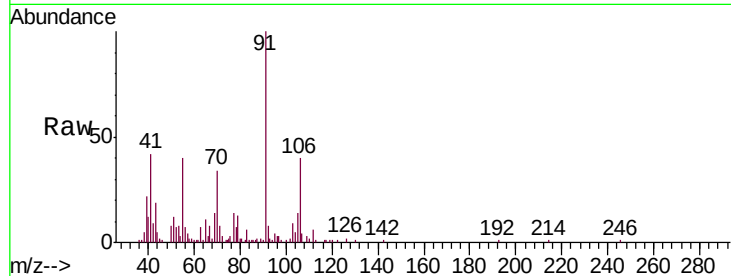




#60
o-Xylene
Concen: 0.171 ppbv
RT: 13.88 min Scan# 3404
Delta R.T. -0.03 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

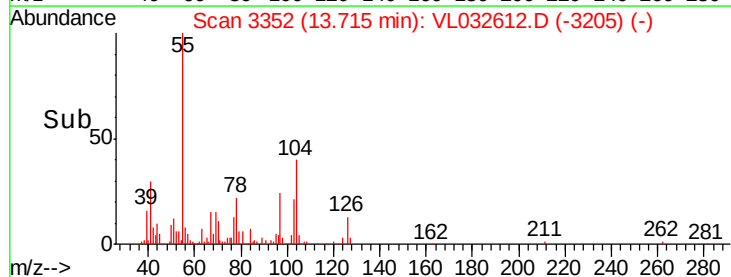
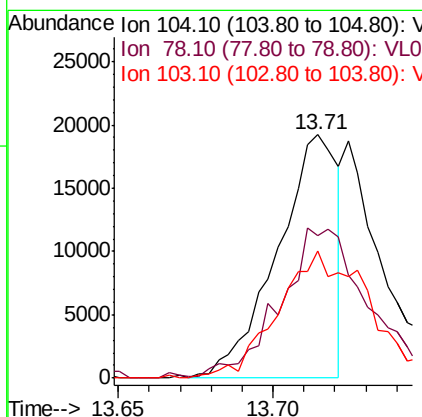
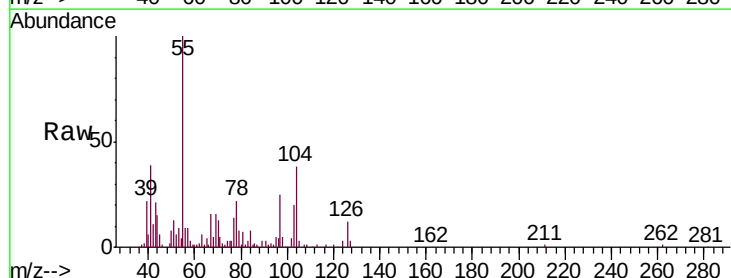
Instrument :
MSVOA_L
ClientSampleId :
Q1-SVI-100518

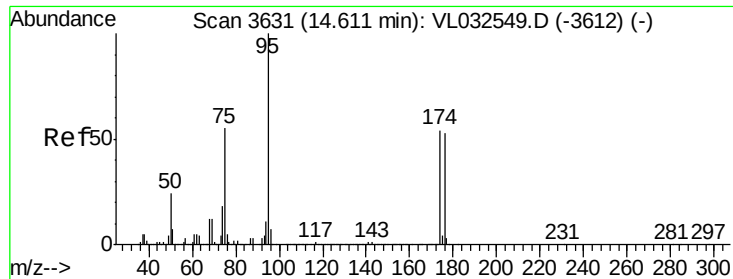
Tgt Ion: 91 Resp: 58263
Ion Ratio Lower Upper
91 100
106 48.3 21.9 65.7



#61
Styrene
Concen: 0.117 ppbv
RT: 13.71 min Scan# 3352
Delta R.T. -0.03 min
Lab File: VL032612.D
Acq: 11 Oct 2018 20:06

Tgt Ion: 104 Resp: 26057
Ion Ratio Lower Upper
104 100
78 95.4 41.8 62.8#
103 81.9 38.0 57.0#

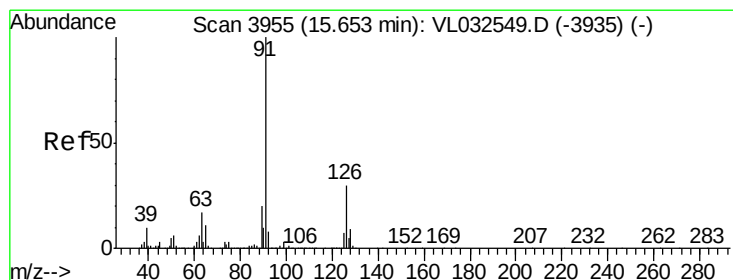
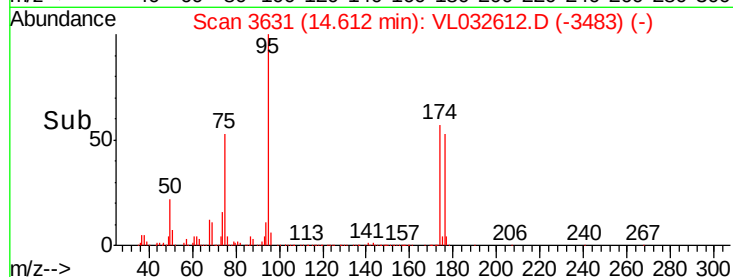
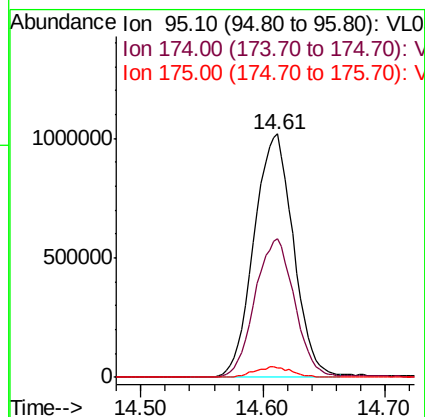
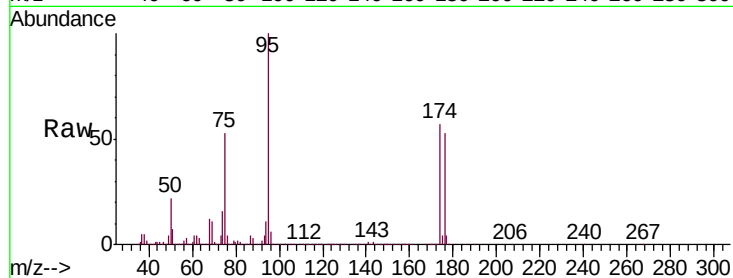




#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.262 ppbv
 RT: 14.61 min Scan# 3631
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

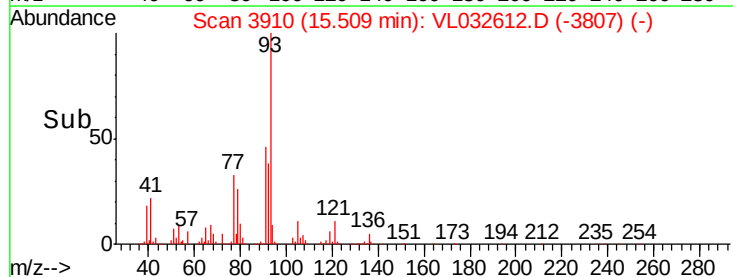
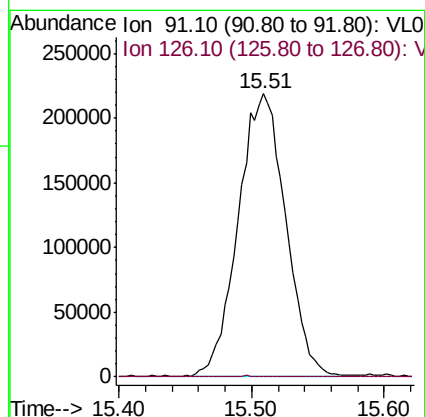
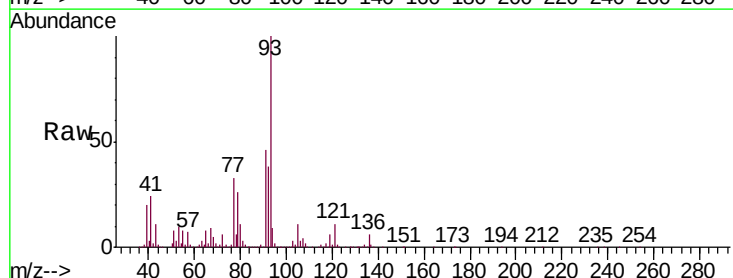
Instrument :
 MSVOA_L
 ClientSampleId :
 Q1-SVI-100518

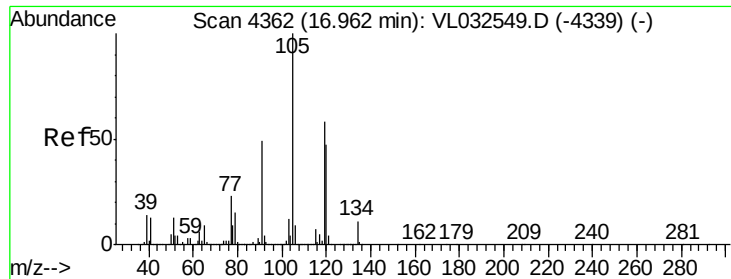
Tgt Ion: 95 Resp: 2269823
 Ion Ratio Lower Upper
 95 100
 174 58.2 46.3 69.5
 175 4.2 3.4 5.0



#71
 2-Chlorotoluene
 Concen: 1.464 ppbv
 RT: 15.51 min Scan# 3910
 Delta R.T. -0.17 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

Tgt Ion: 91 Resp: 538572
 Ion Ratio Lower Upper
 91 100
 126 0.2 11.9 47.7#





#74
 1,2,4-Trimethylbenzene
 Concen: 0.059 ppbv
 RT: 16.96 min Scan# 4361
 Delta R.T. -0.02 min
 Lab File: VL032612.D
 Acq: 11 Oct 2018 20:06

Instrument :
 MSVOA_L
 ClientSampleId :
 Q1-SVI-100518

Tgt Ion:	105	Resp:	22913
Ion	Ratio	Lower	Upper
105	100		
120	30.5	37.8	56.8#
91	8.3	41.4	62.0#
77	10.0	18.6	28.0#

