

Data File : VL032618.D
Acq On : 12 Oct 2018 00:08
Operator : SY/AP
Sample : J5370-03
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

Quant Time: Oct 12 01:58:02 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	1354915	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.33	114	2976916	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.27	117	3240098	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.61	95	2292328	9.38	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.80%

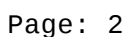
Target Compounds

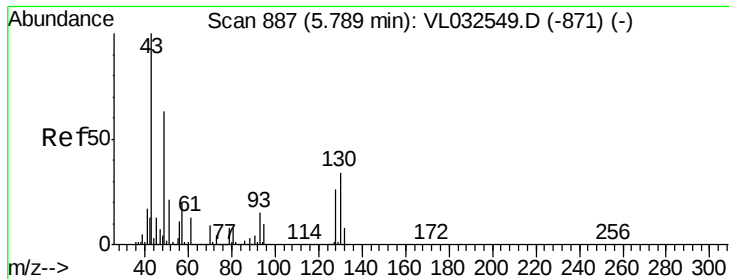
						Qvalue
2) Dichlorodifluoromethane	3.09	85	30627	0.244	ppbv	100
3) Chlorodifluoromethane	3.03	51	170720	1.515	ppbv #	92
4) Chloromethane	3.19	50	41716	0.635	ppbv	100
9) Propene	3.05	41	3699073	75.666	ppbv	98
10) Heptane	8.28	43	148645	0.829	ppbv	98
11) Trichlorofluoromethane	4.02	101	35578	0.239	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	4.58	101	4195	0.034	ppbv #	22
13) Ethanol	3.68	45	1042173	70.922	ppbv	99
15) Acetone	3.92	43	18322940	154.063	ppbv #	68
16) 1,3-Butadiene	3.41	39	293243	6.080	ppbv #	1
17) tert-Butyl alcohol	4.39	59	925231	61.909	ppbv #	100
19) Isopropyl Alcohol	4.06	45	784824	9.474	ppbv #	93
20) Methylene Chloride	4.44	84	1523493	26.453	ppbv	98
21) Allyl Chloride	4.44	41	104748	1.078	ppbv #	63
23) Vinyl Acetate	5.18	43	1447144	6.886	ppbv #	91
25) Ethyl Acetate	5.80	43	473685	1.641	ppbv #	92
26) Hexane	5.80	57	412152	3.162	ppbv #	42
27) Carbon Disulfide	4.64	76	453932	3.239	ppbv	100
28) Methyl tert-Butyl Ether	5.13	73	18547	0.114	ppbv #	51
29) Chloroform	5.88	83	7960	0.040	ppbv	88
34) 2-Butanone	5.36	43	15581103	87.892	ppbv #	86
36) Benzene	7.04	78	7011150	29.143	ppbv	98
37) 1,2-Dichloroethane	6.45	62	5371	0.037	ppbv #	77
39) 1,2-Dichloropropane	7.33	63	789758	7.285	ppbv #	25
40) 1,4-Dioxane	7.99	88	1708	0.051	ppbv #	1
41) Tetrahydrofuran	6.18	42	15998	0.166	ppbv #	23
43) Methyl Methacrylate	8.21	69	67007	0.667	ppbv #	43
44) 2,2,4-Trimethylpentane	7.96	57	51586	0.110	ppbv #	1
50) 4-Methyl-2-Pentanone	8.91	43	38063	0.137	ppbv #	57
51) 2-Hexanone	10.29	43	2081341	9.031	ppbv #	99
52) Tetrachloroethene	11.41	164	138104	1.649	ppbv	84
53) Toluene	9.98	91	1761387	6.008	ppbv	99
58) Ethyl Benzene	12.90	91	76876	0.196	ppbv	98
59) m/p-Xylene	13.18	91	30863	0.088	ppbv #	31
60) o-Xylene	13.88	91	49228	0.145	ppbv	94
61) Styrene	13.71	104	10331	0.046	ppbv #	27
71) 2-Chlorotoluene	15.51	91	586720	1.600	ppbv #	45
74) 1,2,4-Trimethylbenzene	16.96	105	37849	0.098	ppbv #	66

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

ALS Vial : 1 Sample Multiplier: 1

Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.80 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL032618.D

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Q3-SVI-100518

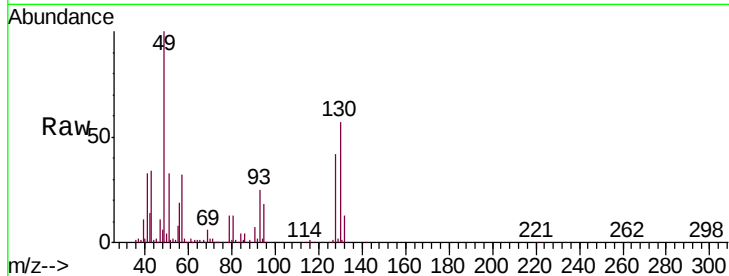
Tgt Ion: 49 Resp: 1354915

Ion Ratio Lower Upper

49 100

128 43.8 20.7 62.1

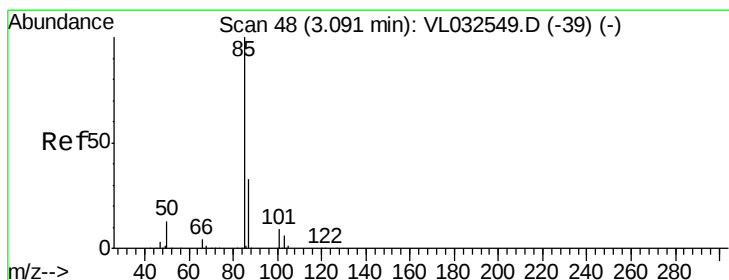
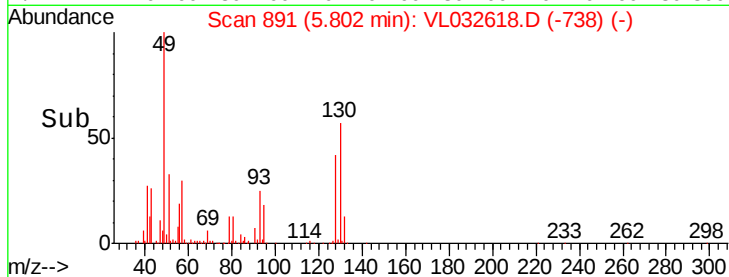
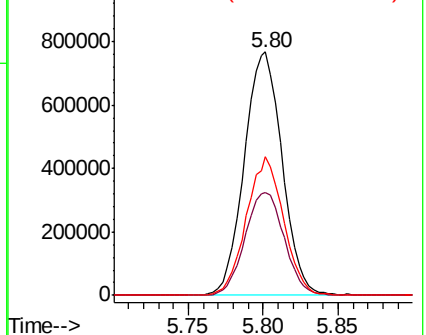
130 56.0 26.6 79.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#2

Dichlorodifluoromethane

Concen: 0.244 ppbv

RT: 3.09 min Scan# 48

Delta R.T. -0.02 min

Lab File: VL032618.D

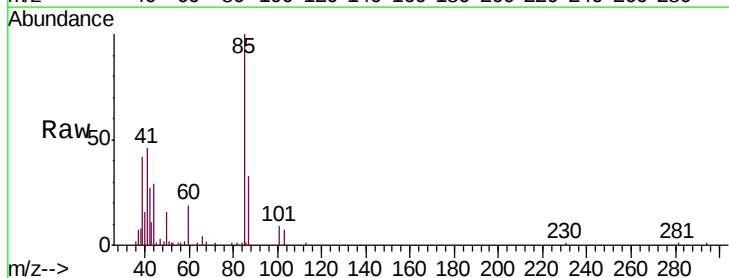
Acq: 12 Oct 2018 00:08

Tgt Ion: 85 Resp: 30627

Ion Ratio Lower Upper

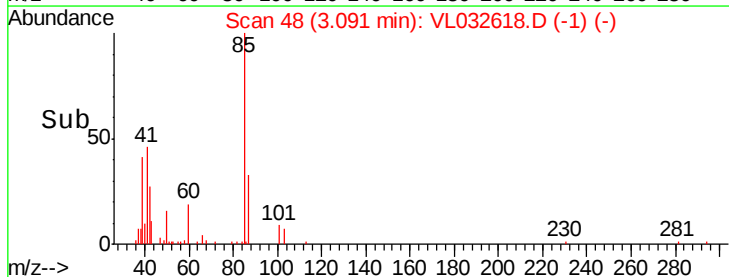
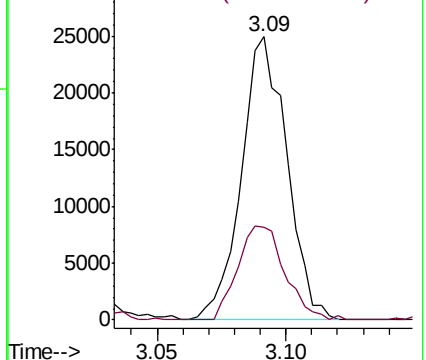
85 100

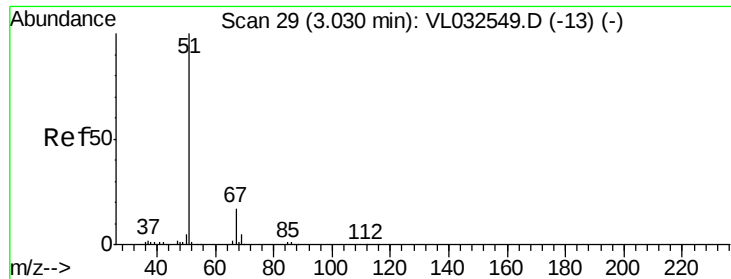
87 32.6 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VL0

Ion 87.00 (86.70 to 87.70): VL0

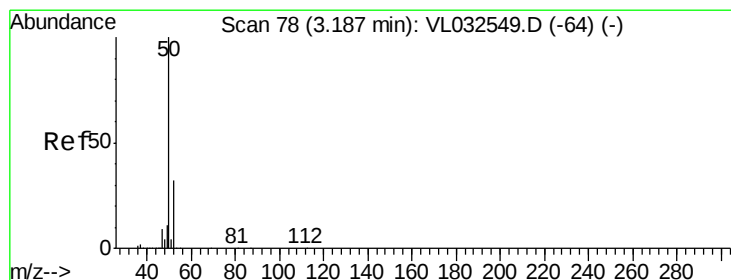
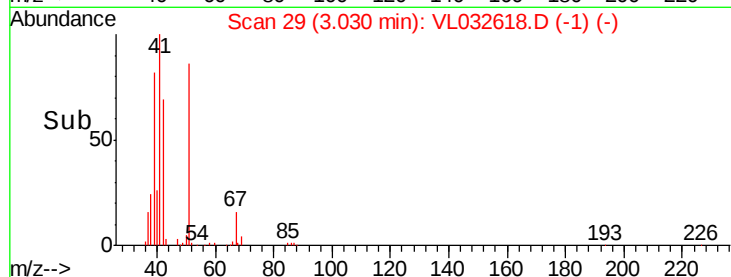
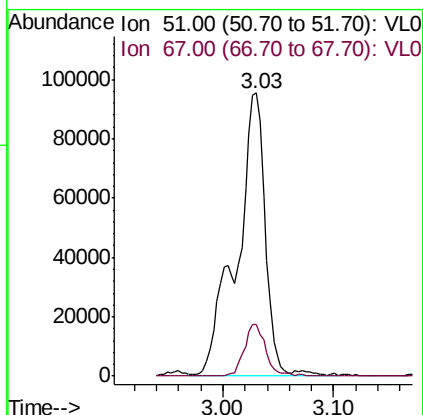
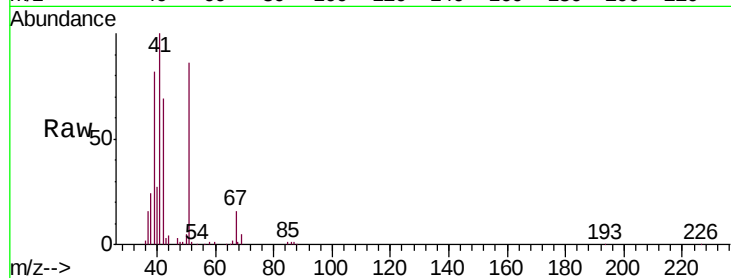




#3
 Chlorodifluoromethane
 Concen: 1.515 ppbv
 RT: 3.03 min Scan# 29
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

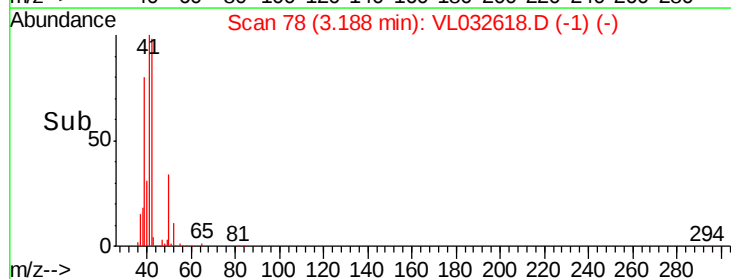
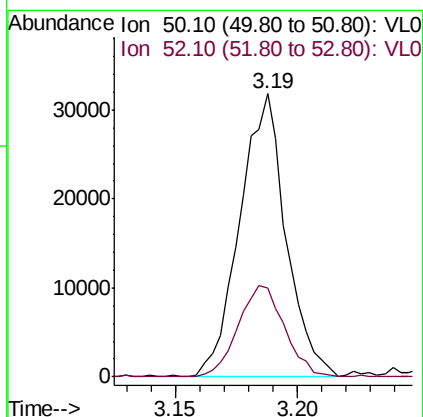
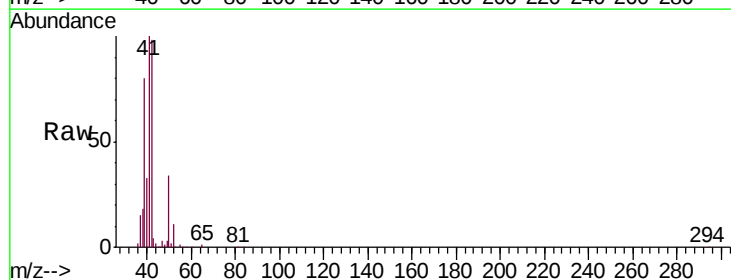
Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518

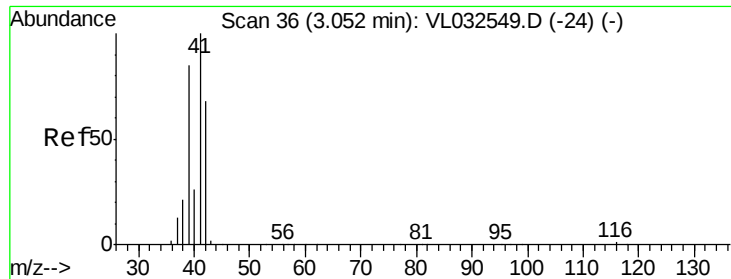
Tgt Ion: 51 Resp: 170720
 Ion Ratio Lower Upper
 51 100
 67 13.8 13.8 20.8#



#4
 Chloromethane
 Concen: 0.635 ppbv
 RT: 3.19 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

Tgt Ion: 50 Resp: 41716
 Ion Ratio Lower Upper
 50 100
 52 31.9 25.6 38.4





#9

Propene

Concen: 75.666 ppbv

RT: 3.05 min Scan# 36

Delta R.T. -0.01 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

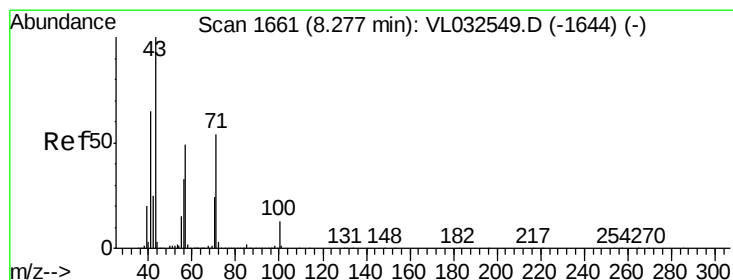
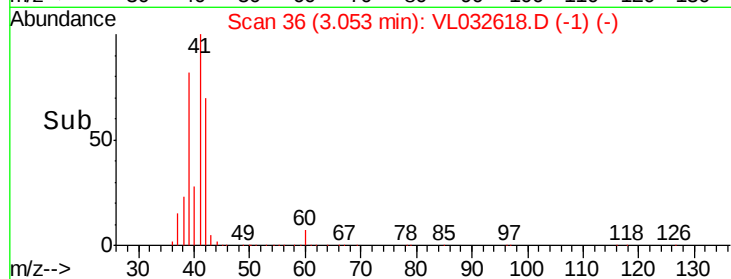
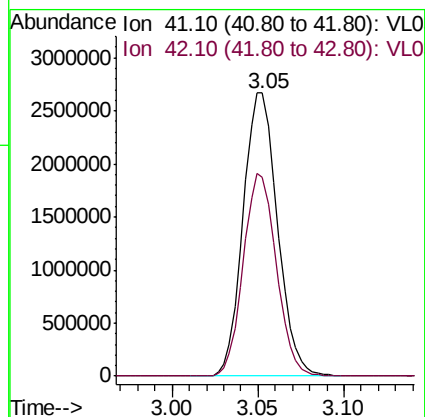
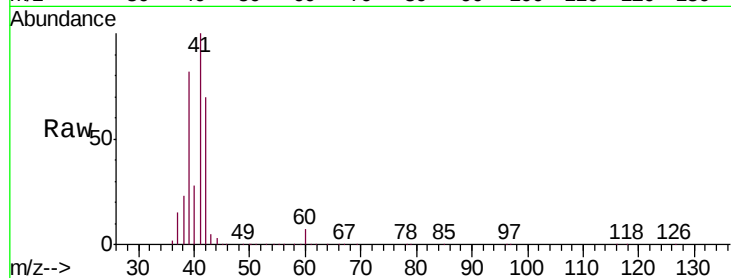
Q3-SVI-100518

Tgt Ion: 41 Resp: 3699073

Ion Ratio Lower Upper

41 100

42 69.2 56.6 84.8



#10

Heptane

Concen: 0.829 ppbv

RT: 8.28 min Scan# 1661

Delta R.T. -0.02 min

Lab File: VL032618.D

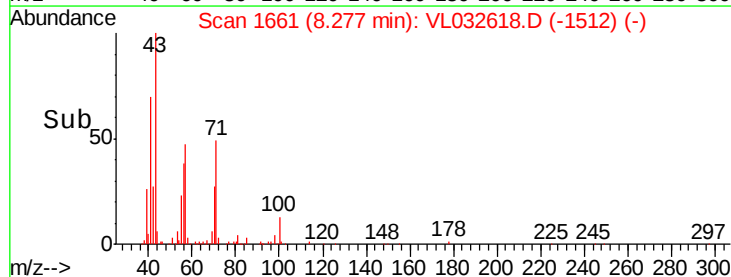
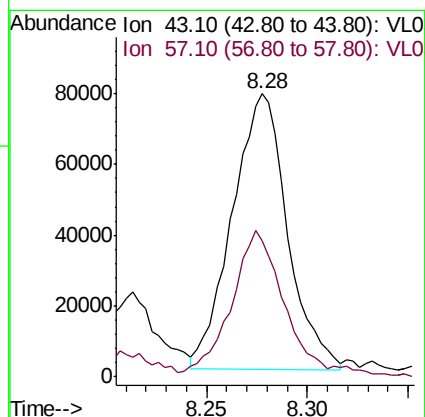
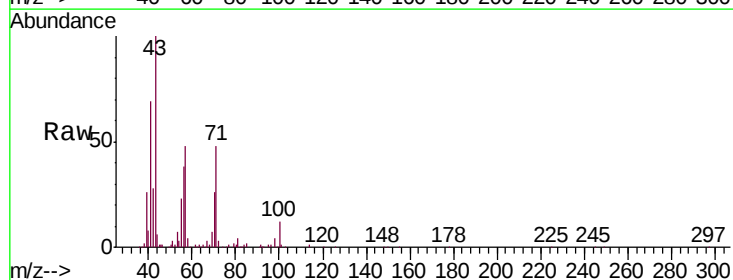
Acq: 12 Oct 2018 00:08

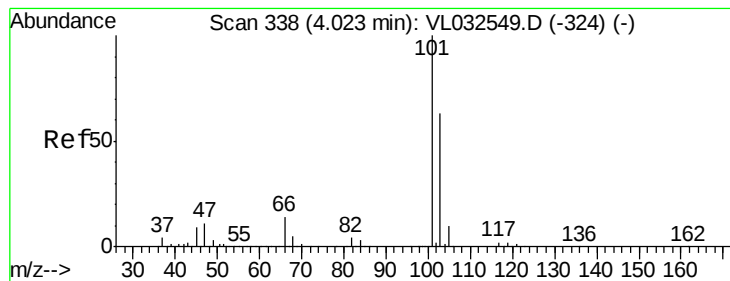
Tgt Ion: 43 Resp: 148645

Ion Ratio Lower Upper

43 100

57 51.1 39.6 59.4





#11

Trichlorofluoromethane

Concen: 0.239 ppbv

RT: 4.02 min Scan# 337

Delta R.T. -0.02 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

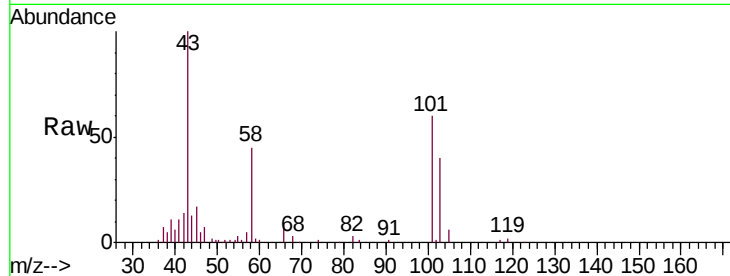
Q3-SVI-100518

Tgt Ion:101 Resp: 35578

Ion Ratio Lower Upper

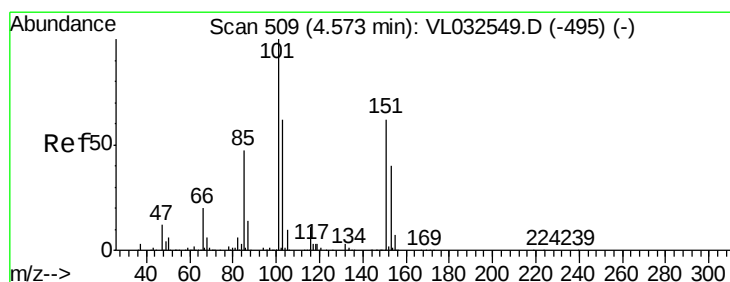
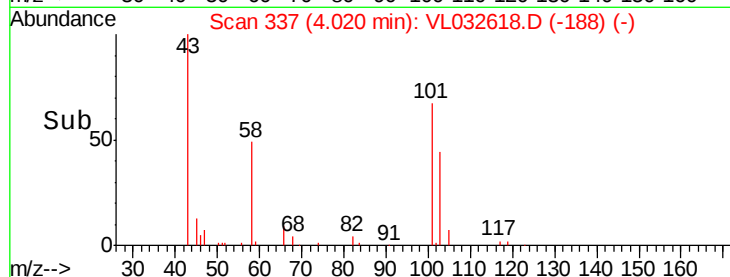
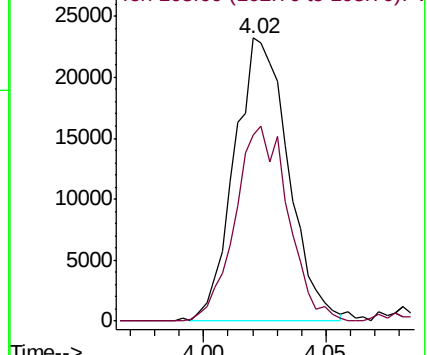
101 100

103 65.0 52.8 79.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.034 ppbv

RT: 4.58 min Scan# 512

Delta R.T. -0.01 min

Lab File: VL032618.D

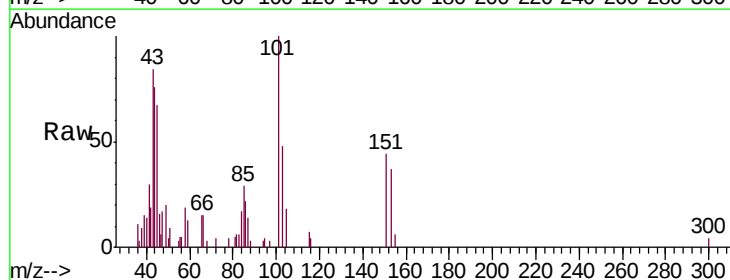
Acq: 12 Oct 2018 00:08

Tgt Ion:101 Resp: 4195

Ion Ratio Lower Upper

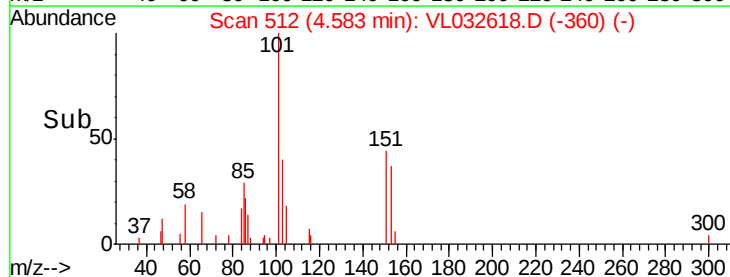
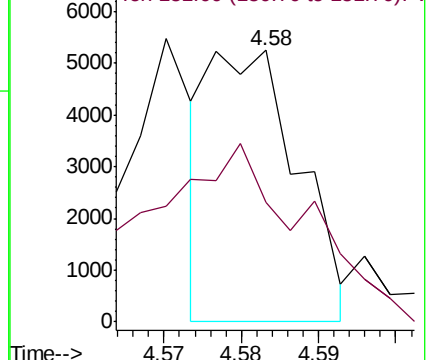
101 100

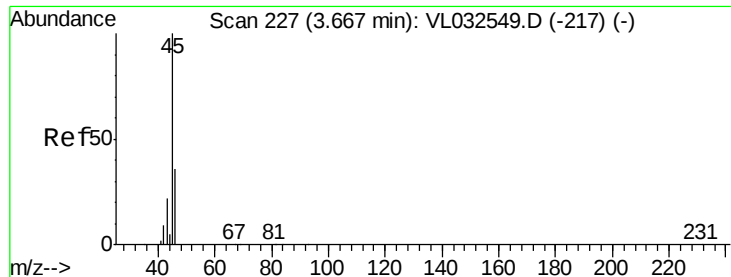
151 127.3 52.6 78.8#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 151.00 (150.70 to 151.70): V

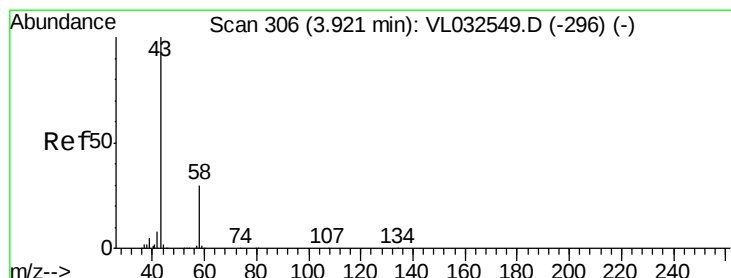
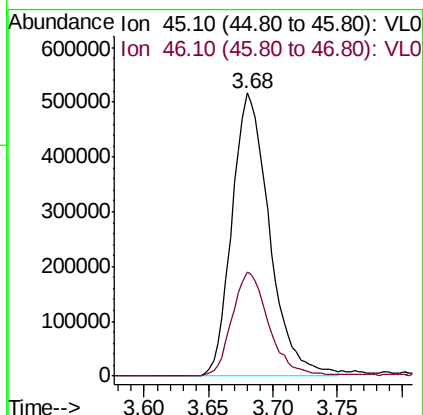
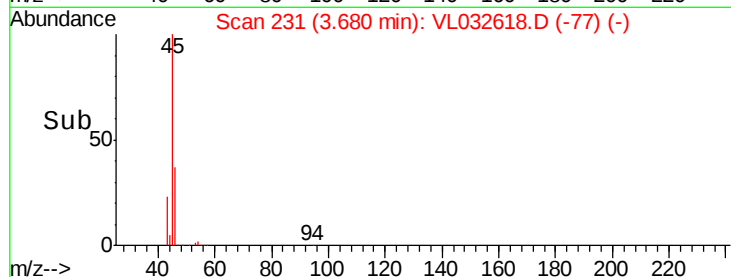
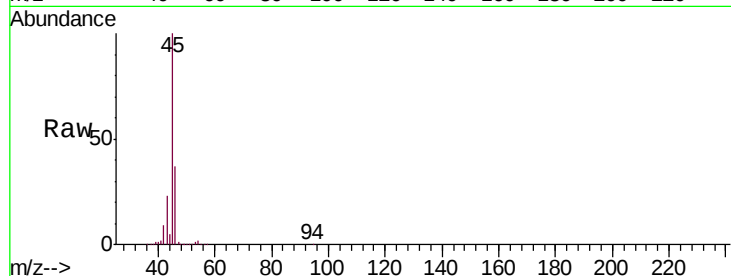




#13
Ethanol
Concen: 70.922 ppbv
RT: 3.68 min Scan# 231
Delta R.T. -0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

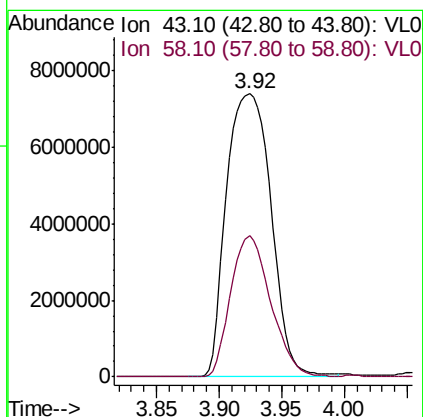
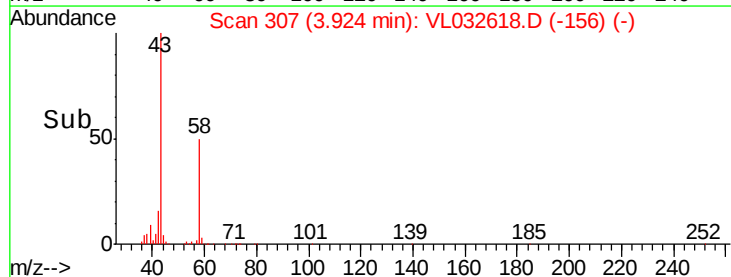
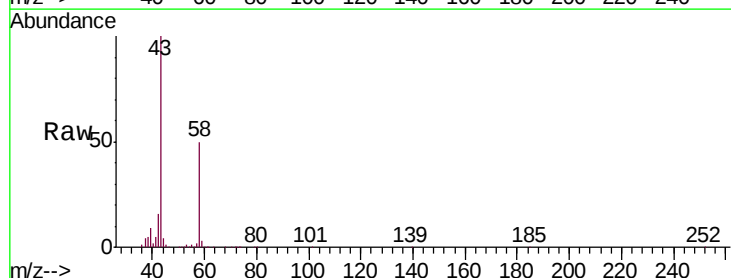
Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

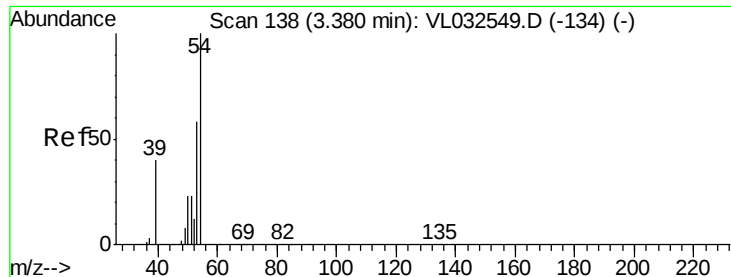
Tgt Ion: 45 Resp: 1042173
Ion Ratio Lower Upper
45 100
46 36.4 14.2 56.8



#15
Acetone
Concen: 154.063 ppbv
RT: 3.92 min Scan# 307
Delta R.T. -0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 43 Resp: 18322940
Ion Ratio Lower Upper
43 100
58 45.1 22.6 33.8#

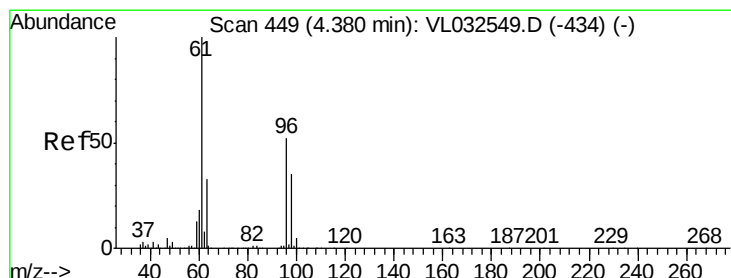
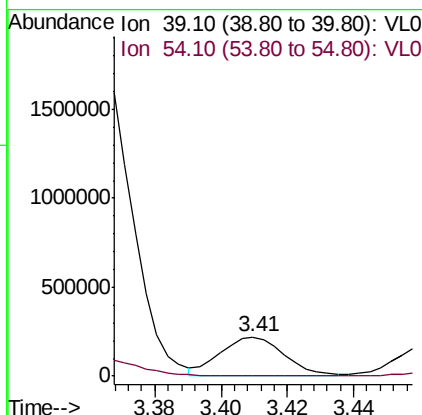
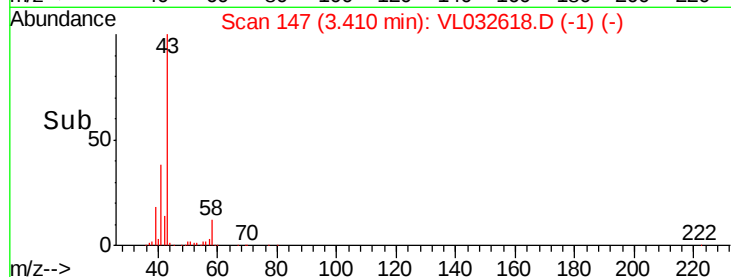
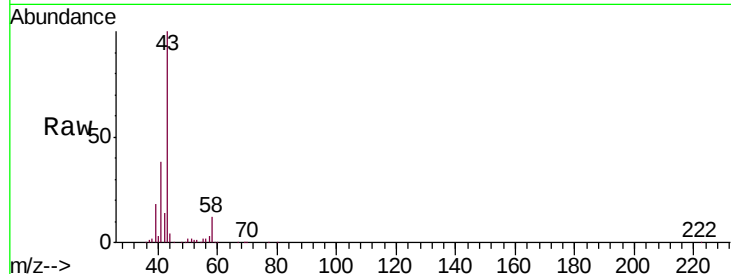




#16
1,3-Butadiene
Concen: 6.080 ppbv
RT: 3.41 min Scan# 147
Delta R.T. 0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

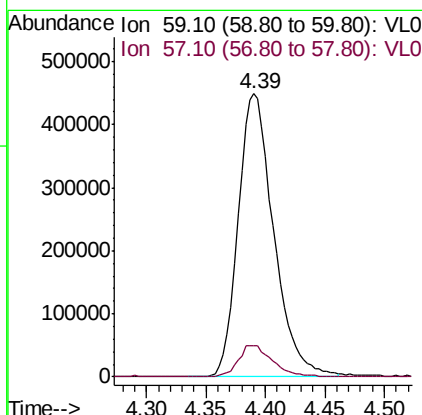
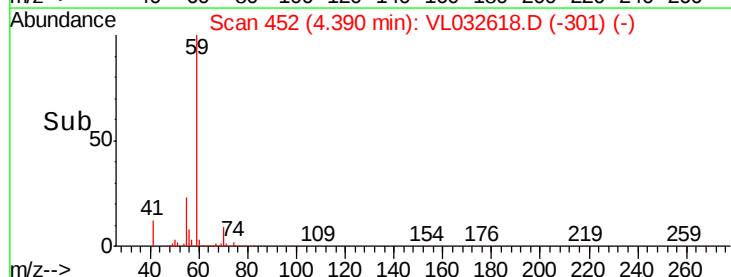
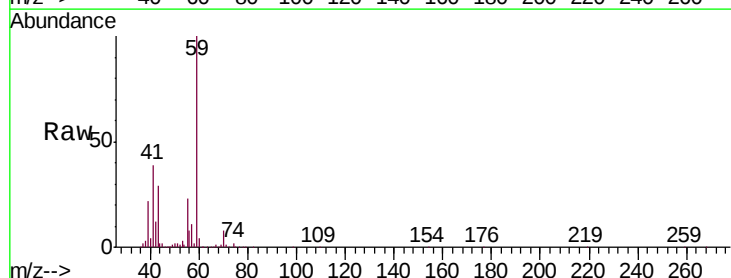
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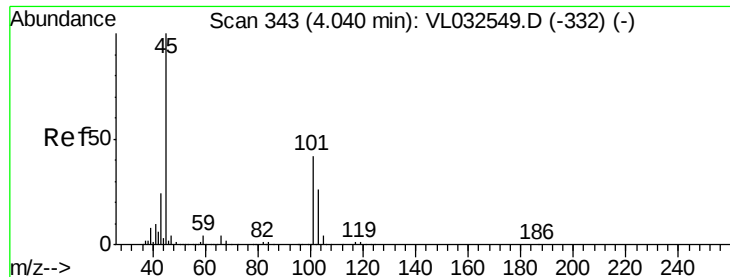
Tgt Ion: 39 Resp: 293243
Ion Ratio Lower Upper
39 100
54 0.0 80.8 121.2#



#17
tert-Butyl alcohol
Concen: 61.909 ppbv
RT: 4.39 min Scan# 452
Delta R.T. -0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 59 Resp: 925231
Ion Ratio Lower Upper
59 100
57 10.9 0.0 0.0#





#19

Isopropyl Alcohol

Concen: 9.474 ppbv

RT: 4.06 min Scan# 348

Delta R.T. -0.01 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

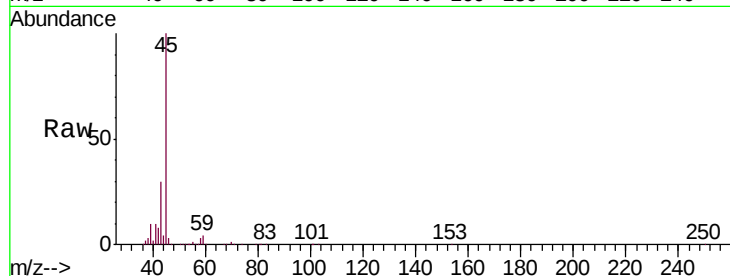
Q3-SVI-100518

Tgt Ion: 45 Resp: 784824

Ion Ratio Lower Upper

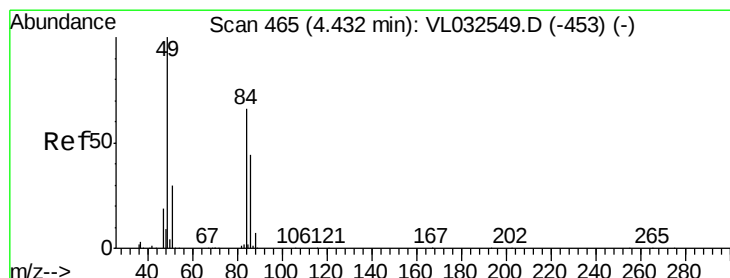
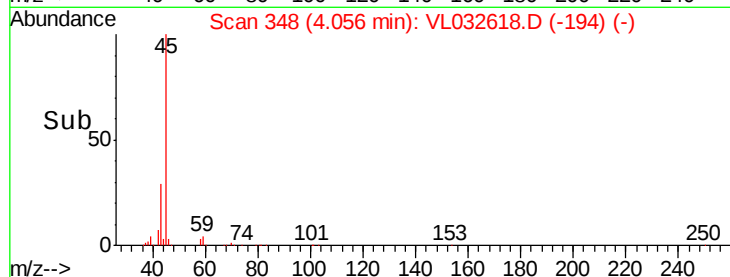
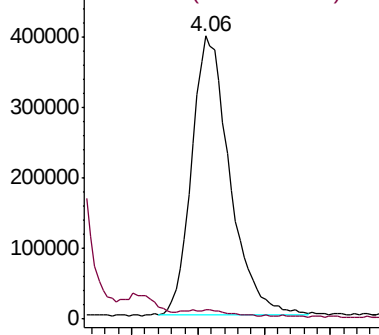
45 100

58 0.0 2.0 3.0#



Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 58.10 (57.80 to 58.80): VL0



#20

Methylene Chloride

Concen: 26.453 ppbv

RT: 4.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Tgt Ion: 84 Resp: 1523493

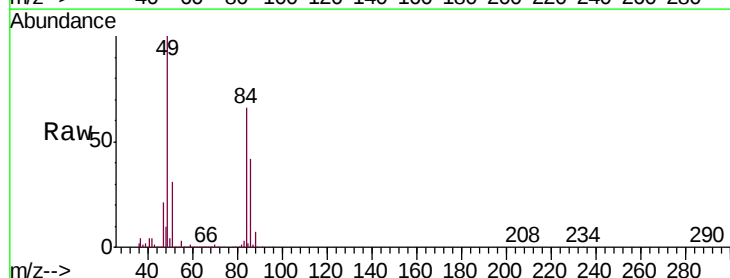
Ion Ratio Lower Upper

84 100

49 150.2 119.1 178.7

51 46.5 35.2 52.8

86 63.6 49.4 74.2

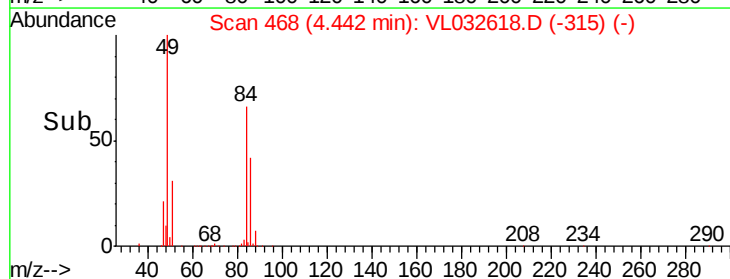
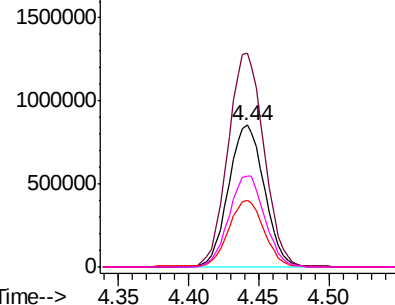


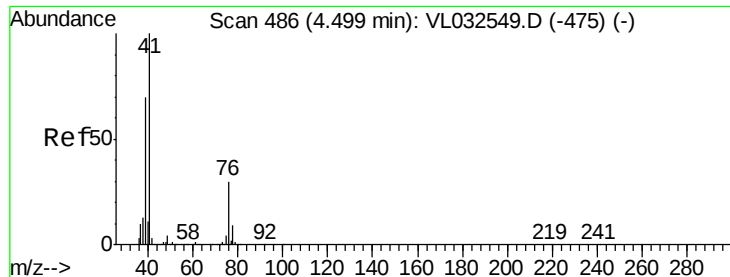
Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 1.078 ppbv

RT: 4.44 min Scan# 469

Delta R.T. -0.08 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518

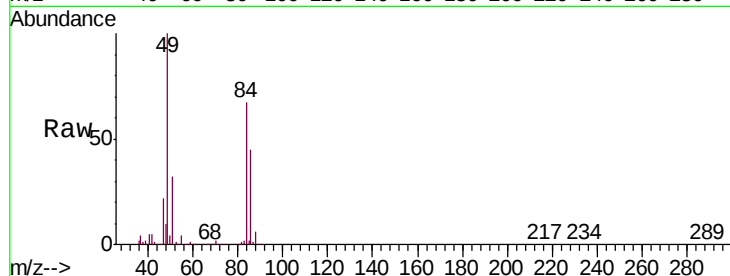
Tgt Ion: 41 Resp: 104748

Ion Ratio Lower Upper

41 100

76 0.0 23.6 35.4#

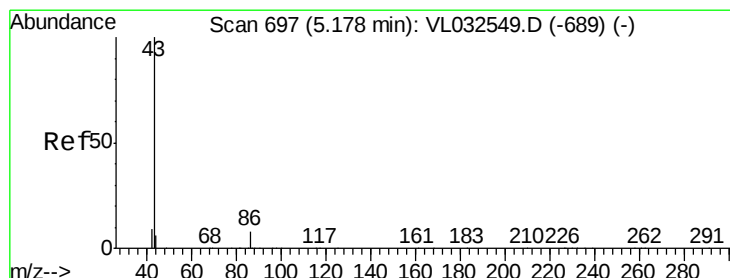
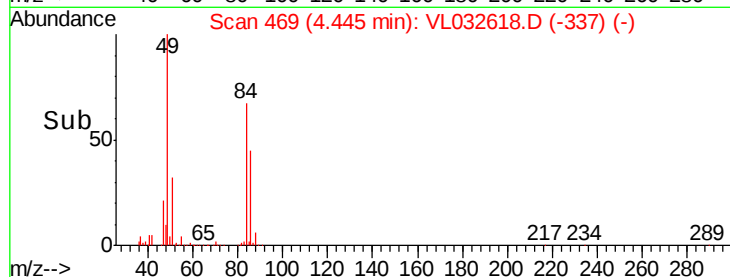
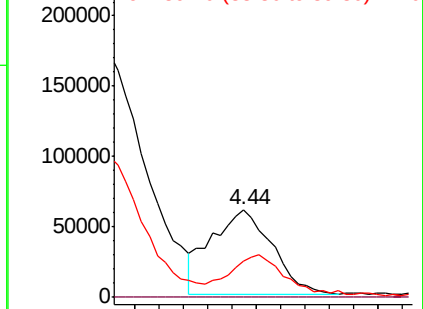
39 47.4 57.7 86.5#



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: 6.886 ppbv

RT: 5.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Tgt Ion: 43 Resp: 1447144

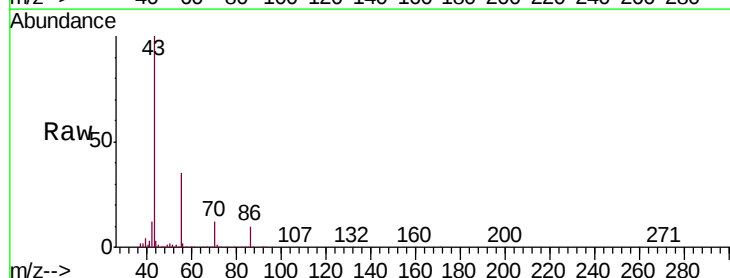
Ion Ratio Lower Upper

43 100

86 9.9 5.9 8.9#

42 12.1 6.9 10.3#

44 2.4 4.6 7.0#

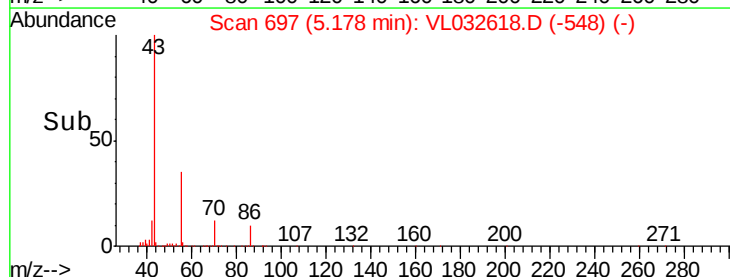
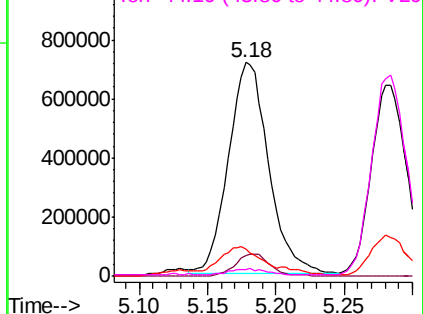


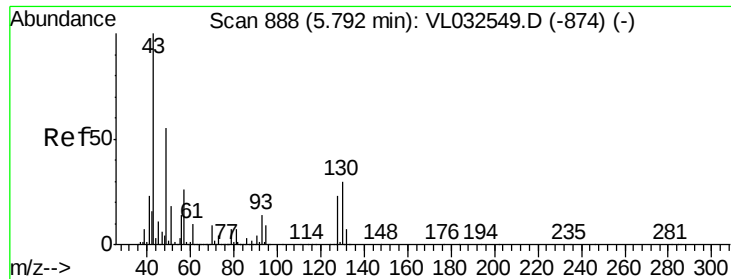
Abundance Ion 43.10 (42.80 to 43.80): VL0

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

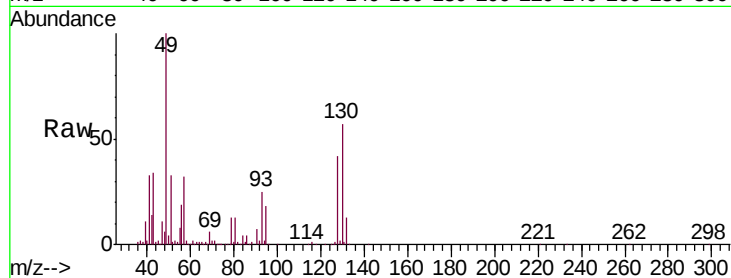




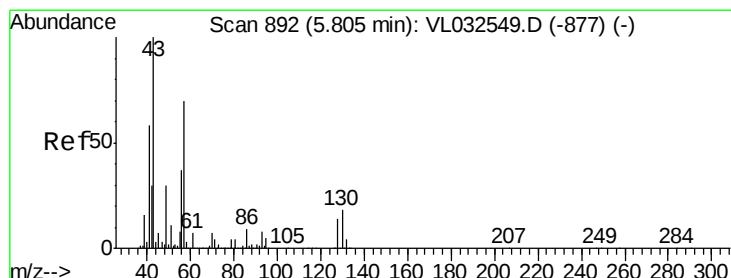
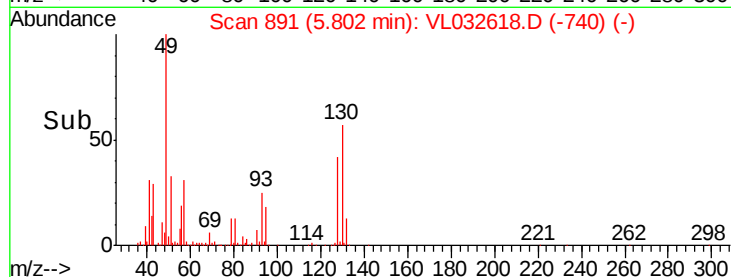
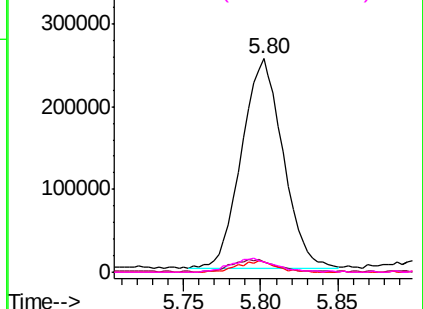
#25
Ethyl Acetate
Concen: 1.641 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

Tgt Ion:	43	Resp:	473685
Ion	Ratio	Lower	Upper
43	100		
45	6.5	8.0	12.0#
61	5.1	7.6	11.4#
70	6.9	5.8	8.8

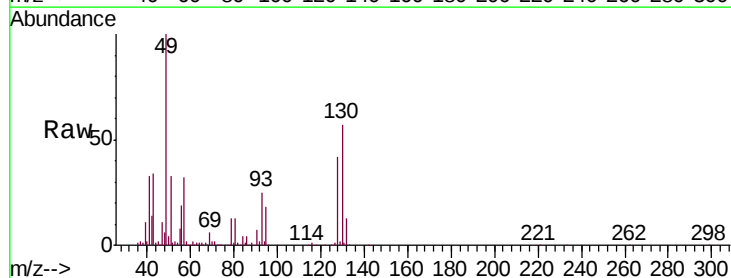


Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0

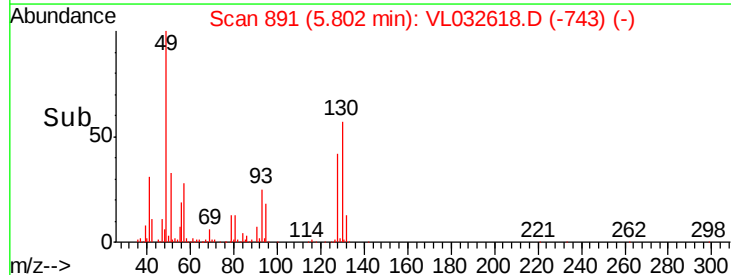
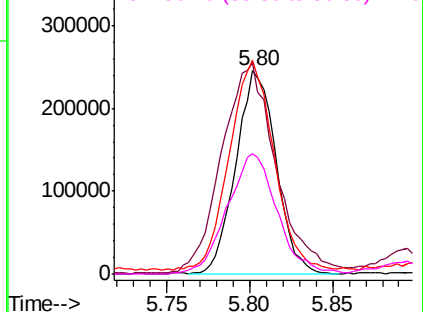


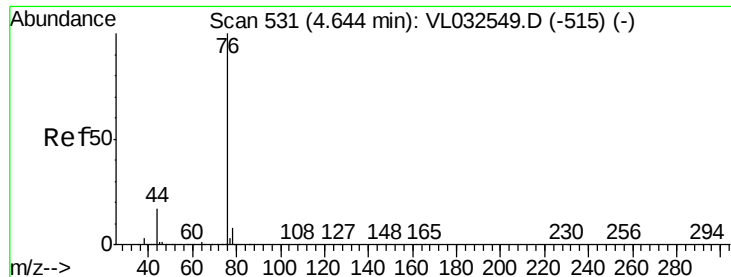
#26
Hexane
Concen: 3.162 ppbv
RT: 5.80 min Scan# 891
Delta R.T. -0.02 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion:	57	Resp:	412152
Ion	Ratio	Lower	Upper
57	100		
41	140.5	69.0	103.4#
43	114.1	172.1	258.1#
56	73.8	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: 3.239 ppbv

RT: 4.64 min Scan# 530

Delta R.T. -0.02 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518

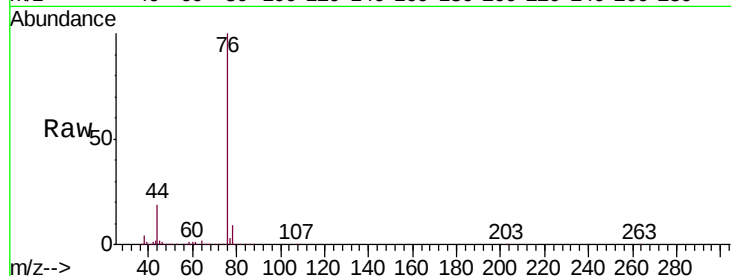
Tgt Ion: 76 Resp: 453932

Ion Ratio Lower Upper

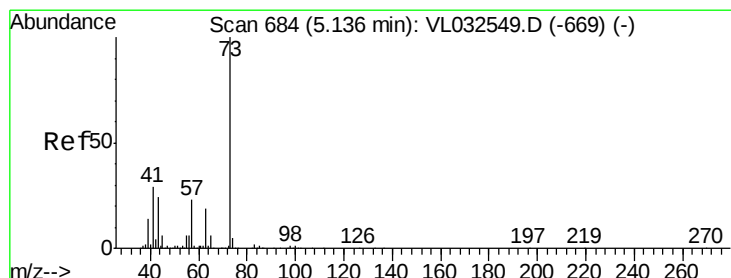
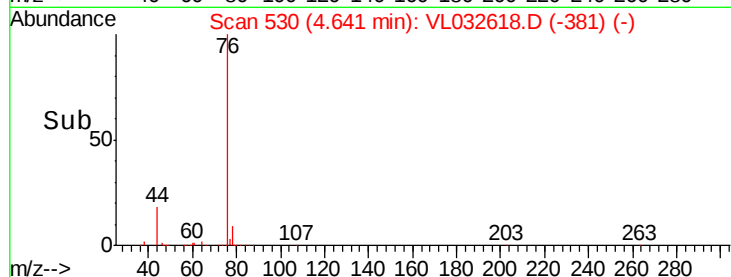
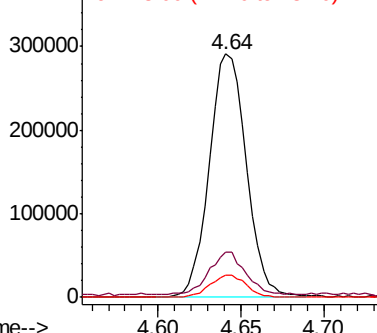
76 100

44 17.7 14.0 21.0

78 9.2 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: 0.114 ppbv

RT: 5.13 min Scan# 683

Delta R.T. -0.02 min

Lab File: VL032618.D

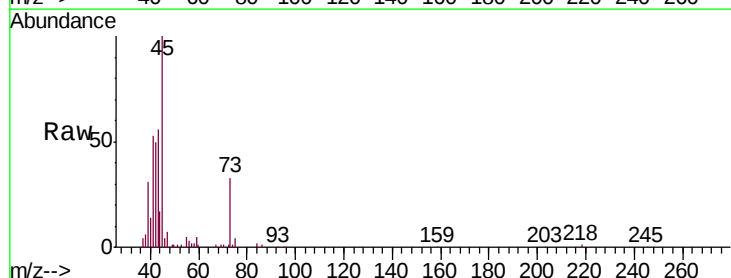
Acq: 12 Oct 2018 00:08

Tgt Ion: 73 Resp: 18547

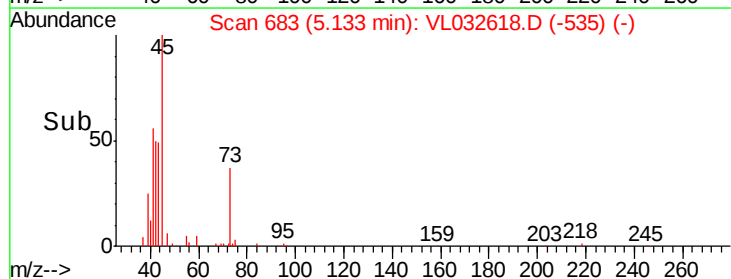
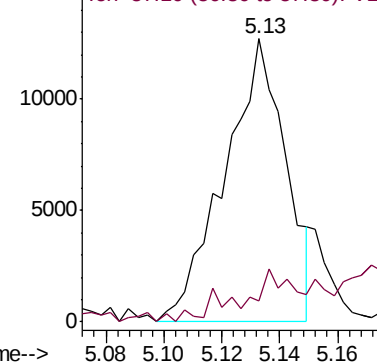
Ion Ratio Lower Upper

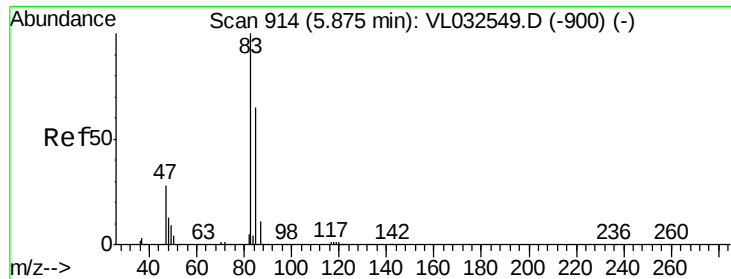
73 100

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: 0.040 ppbv

RT: 5.88 min Scan# 916

Delta R.T. -0.01 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

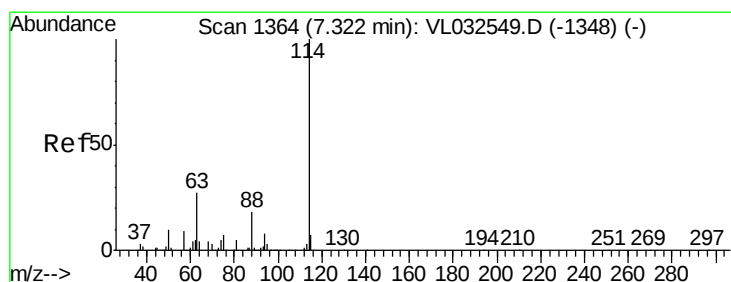
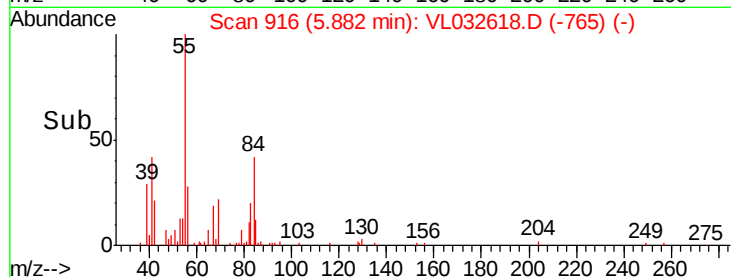
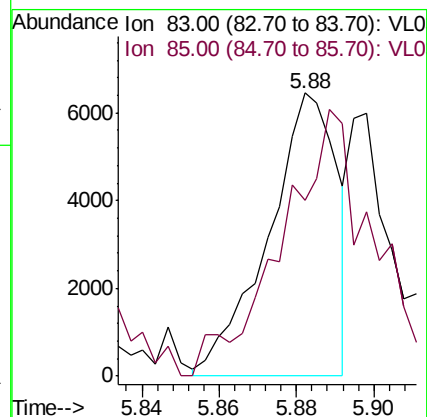
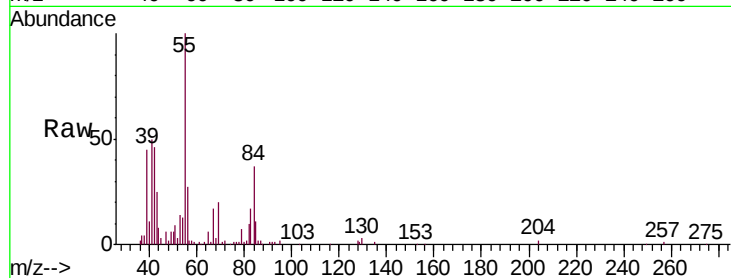
Q3-SVI-100518

Tgt Ion: 83 Resp: 7960

Ion Ratio Lower Upper

83 100

85 56.3 52.5 78.7



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.33 min Scan# 1366

Delta R.T. -0.02 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

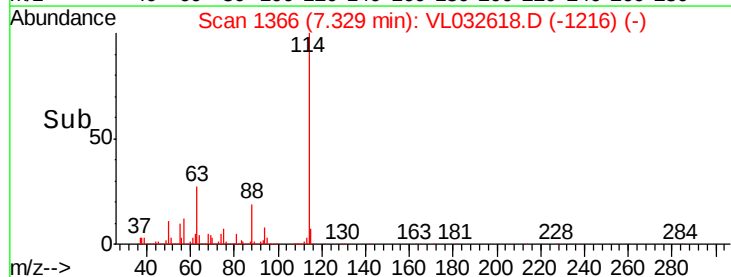
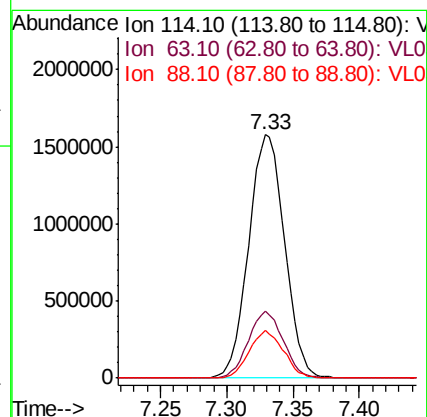
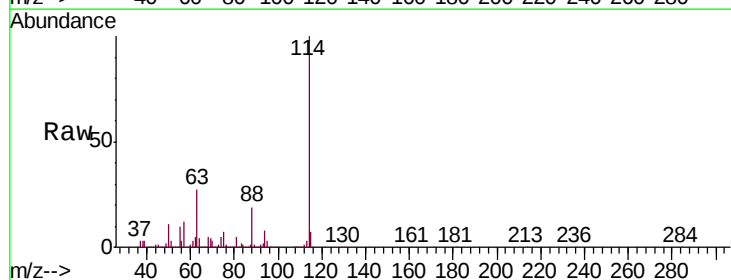
Tgt Ion: 114 Resp: 2976916

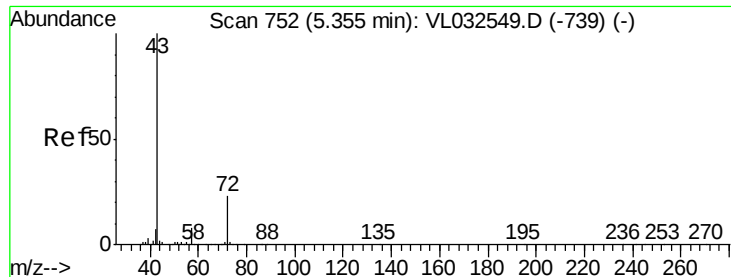
Ion Ratio Lower Upper

114 100

63 27.0 22.2 33.4

88 18.7 15.0 22.4

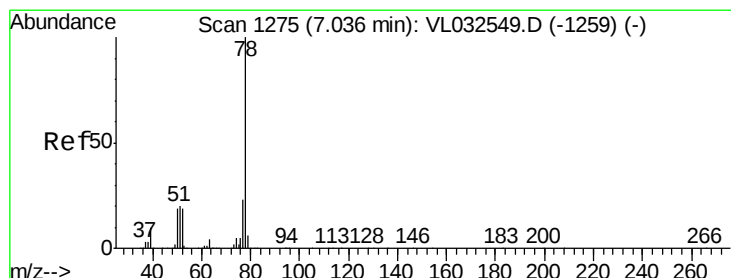
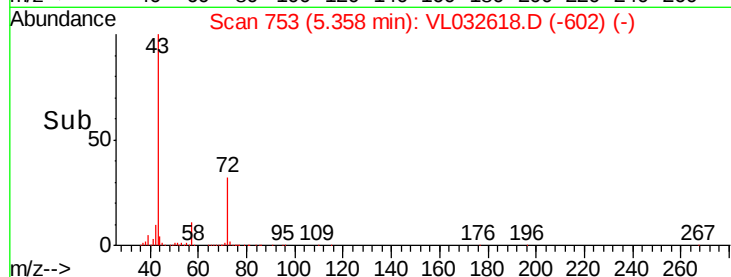
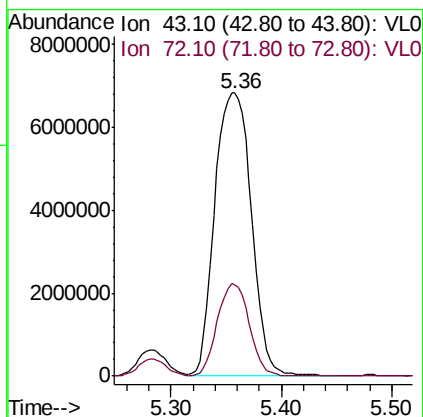
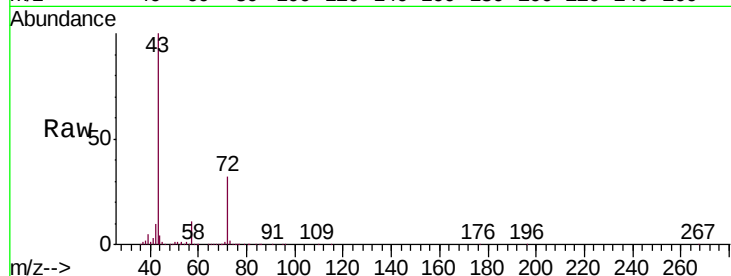




#34
2-Butanone
Concen: 87.892 ppbv
RT: 5.36 min Scan# 753
Delta R.T. -0.01 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

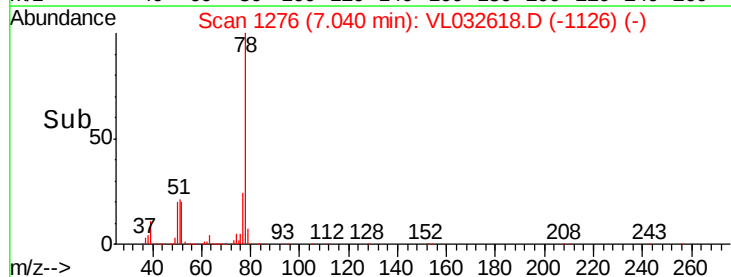
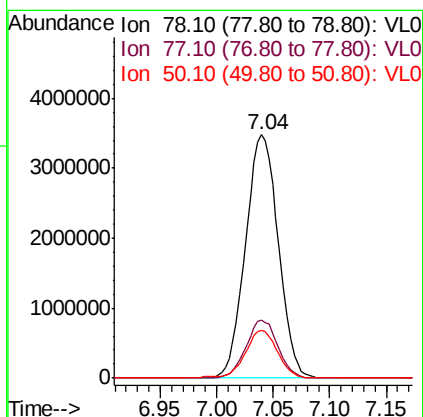
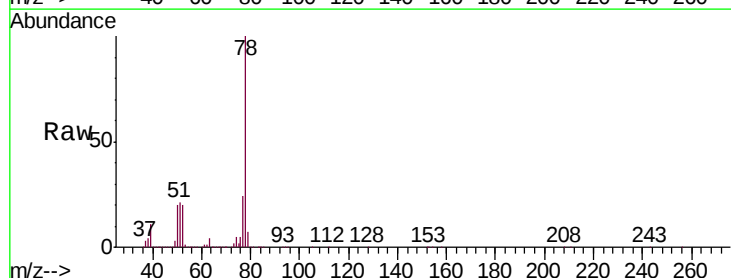
Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

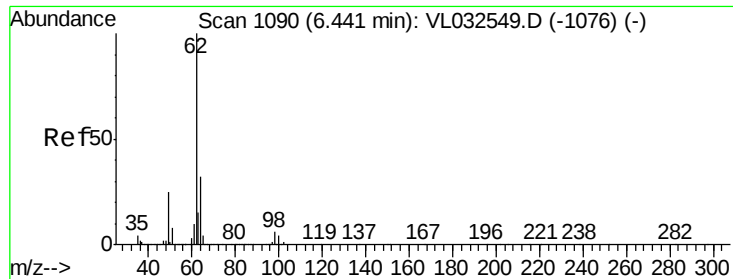
Tgt Ion: 43 Resp:15581103
Ion Ratio Lower Upper
43 100
72 28.8 17.8 26.6#



#36
Benzene
Concen: 29.143 ppbv
RT: 7.04 min Scan# 1276
Delta R.T. -0.02 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 78 Resp: 7011150
Ion Ratio Lower Upper
78 100
77 23.8 18.4 27.6
50 19.4 14.4 21.6

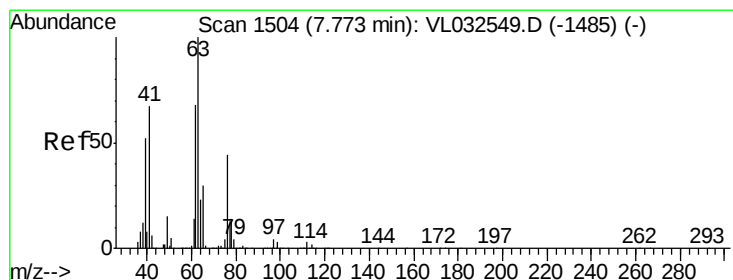
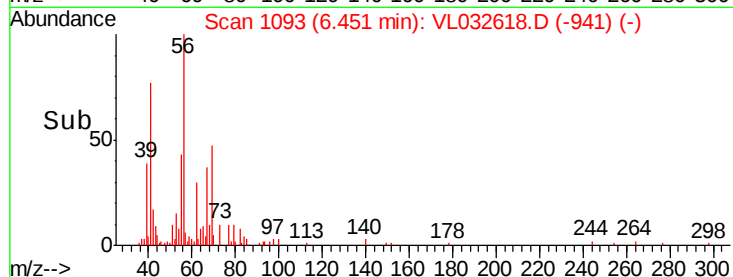
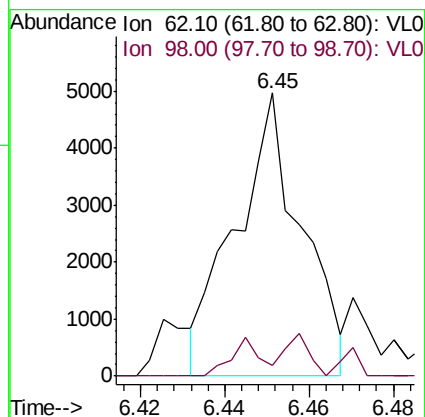
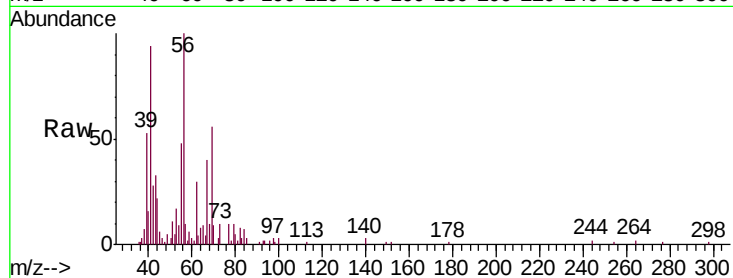




#37
 1,2-Dichloroethane
 Concen: 0.037 ppbv
 RT: 6.45 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

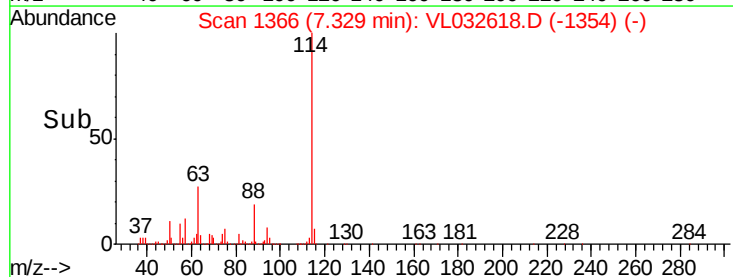
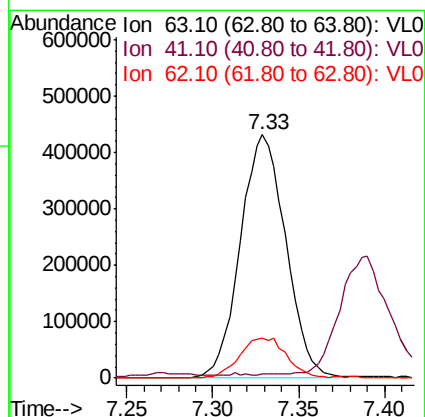
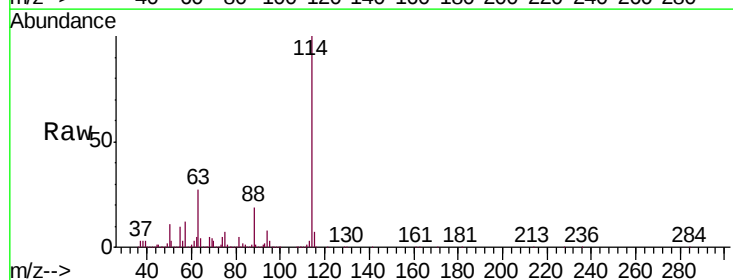
Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518

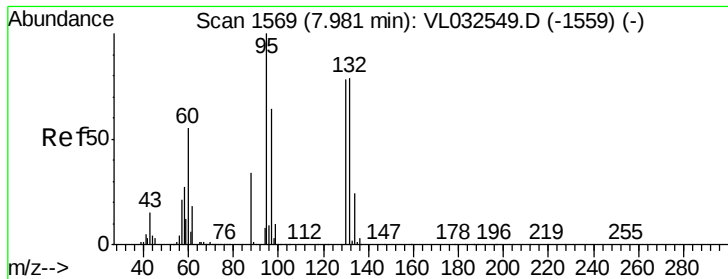
Tgt Ion: 62 Resp: 5371
 Ion Ratio Lower Upper
 62 100
 98 14.0 5.0 7.6#



#39
 1,2-Dichloropropane
 Concen: 7.285 ppbv
 RT: 7.33 min Scan# 1366
 Delta R.T. -0.46 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

Tgt Ion: 63 Resp: 789758
 Ion Ratio Lower Upper
 63 100
 41 0.1 55.4 83.0#
 62 16.5 55.4 83.0#

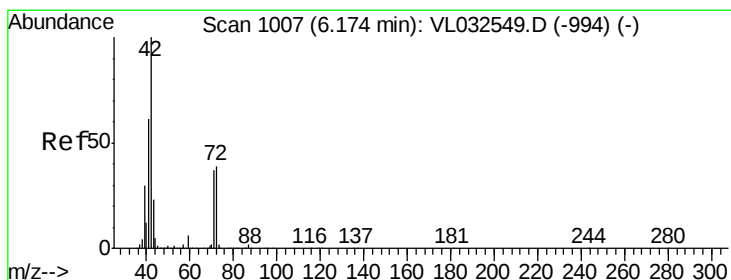
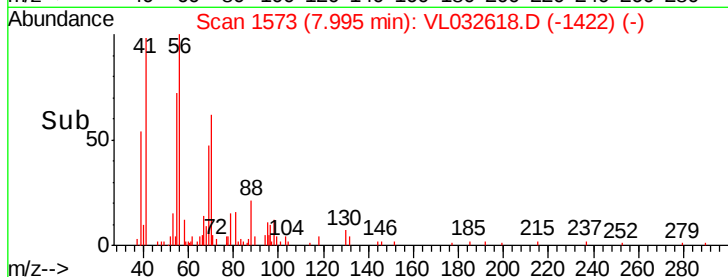
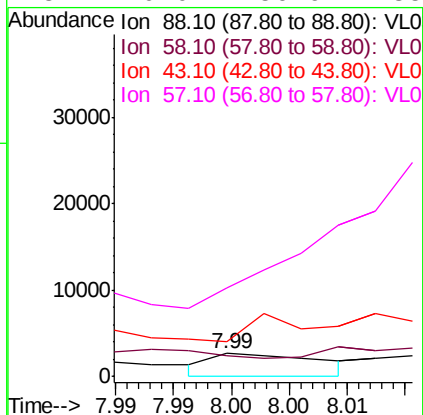
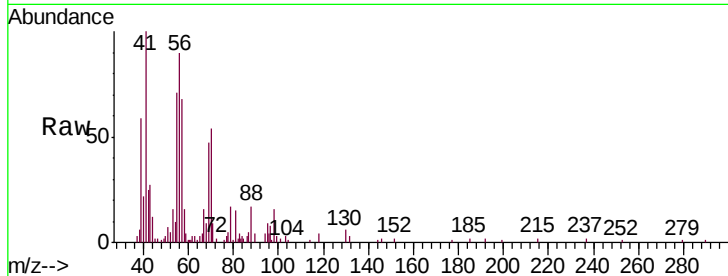




#40
 1,4-Dioxane
 Concen: 0.051 ppbv
 RT: 7.99 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

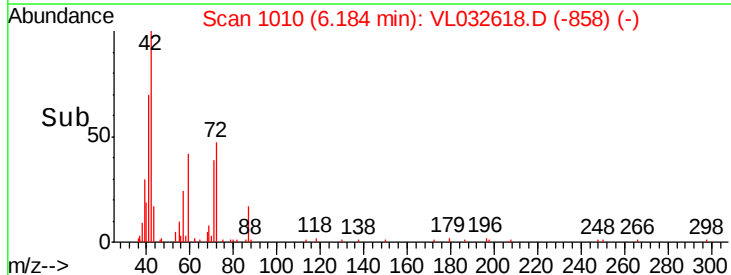
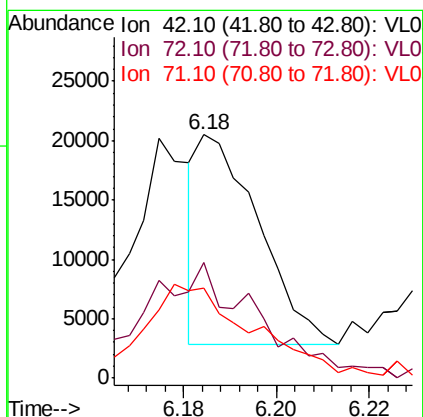
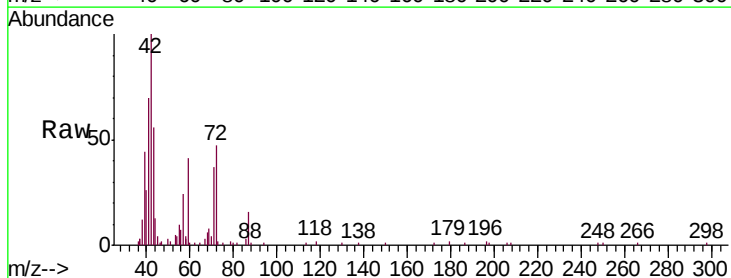
Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518

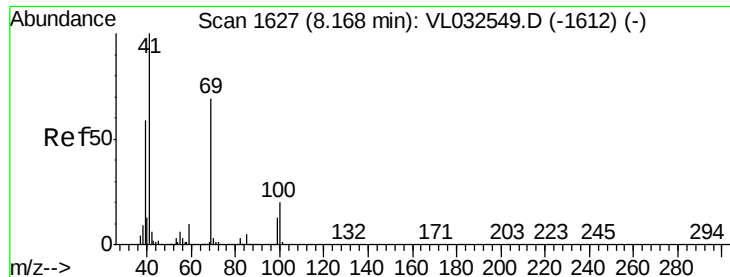
Tgt Ion: 88 Resp: 1708
 Ion Ratio Lower Upper
 88 100
 58 0.0 119.7 179.5#
 43 0.0 253.0 379.4#
 57 0.0 1156.9 1735.3#



#41
 Tetrahydrofuran
 Concen: 0.166 ppbv
 RT: 6.18 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

Tgt Ion: 42 Resp: 15998
 Ion Ratio Lower Upper
 42 100
 72 91.5 29.5 44.3#
 71 0.0 28.3 42.5#

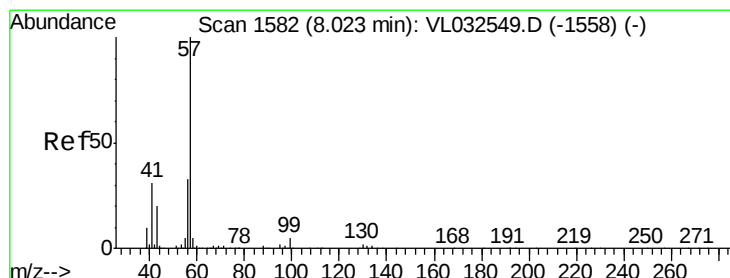
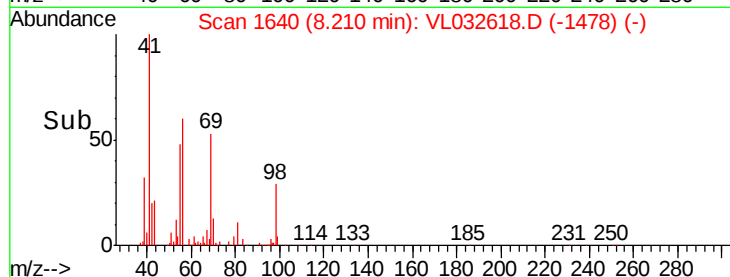
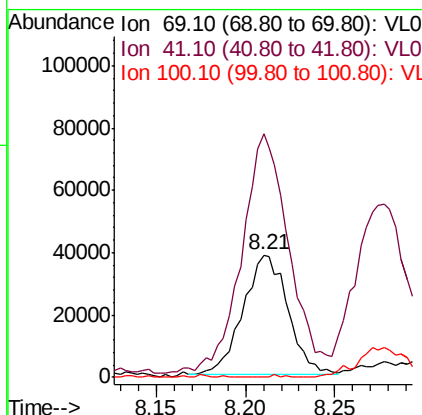
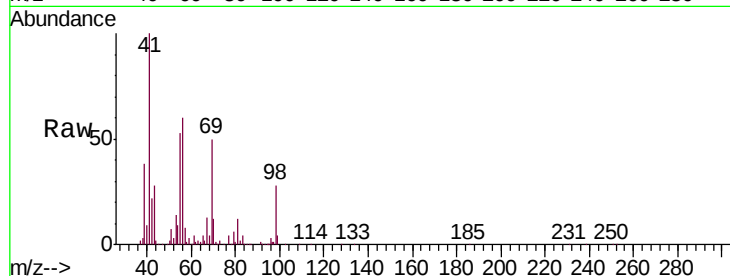




#43
Methyl Methacrylate
Concen: 0.667 ppbv
RT: 8.21 min Scan# 1640
Delta R.T. 0.02 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

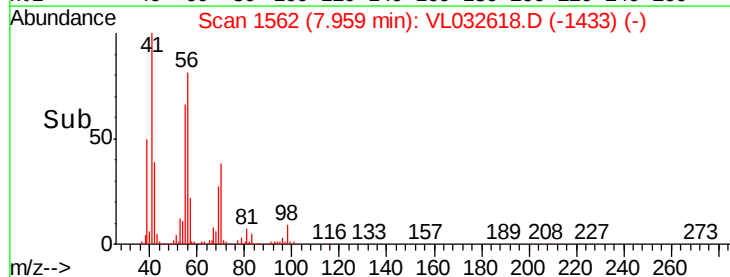
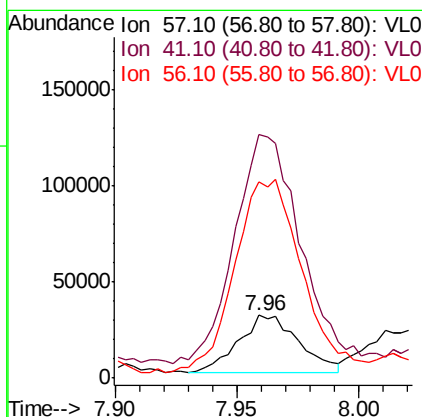
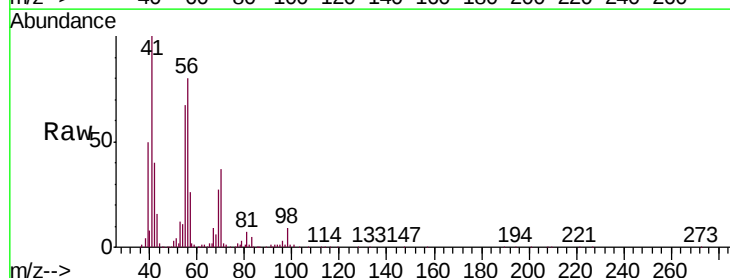
Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

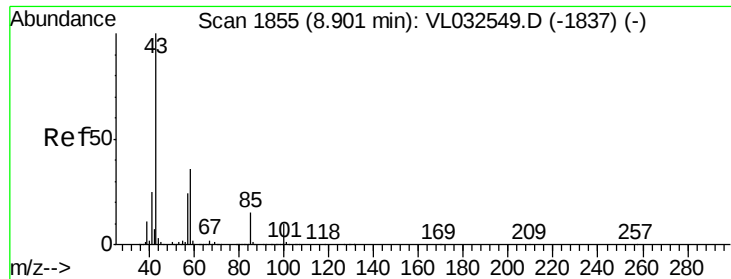
Tgt Ion: 69 Resp: 67007
Ion Ratio Lower Upper
69 100
41 218.5 117.1 175.7#
100 1.1 23.4 35.2#



#44
2,2,4-Trimethylpentane
Concen: 0.110 ppbv
RT: 7.96 min Scan# 1562
Delta R.T. -0.09 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 57 Resp: 51586
Ion Ratio Lower Upper
57 100
41 594.5 24.4 36.6#
56 398.8 25.7 38.5#

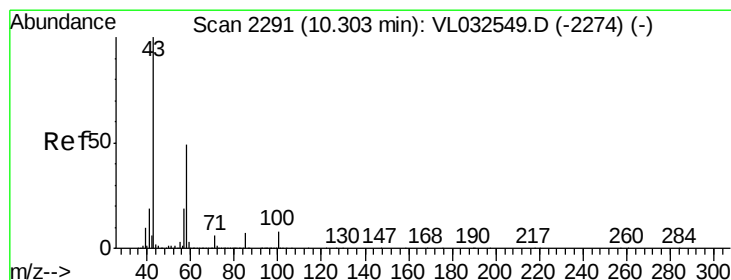
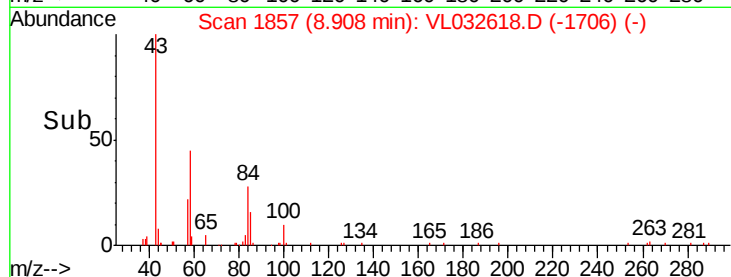
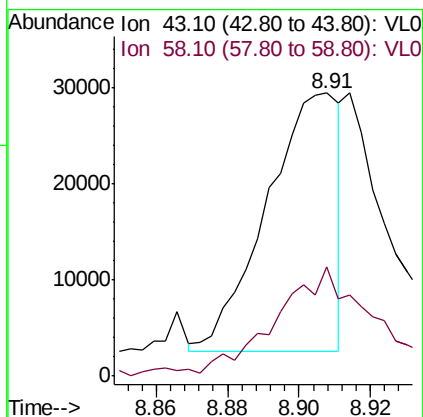
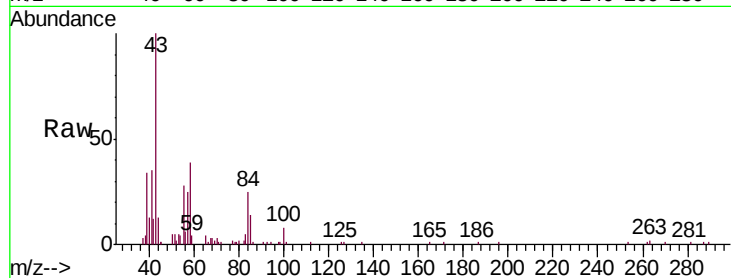




#50
 4-Methyl-2-Pentanone
 Concen: 0.137 ppbv
 RT: 8.91 min Scan# 1857
 Delta R.T. -0.01 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

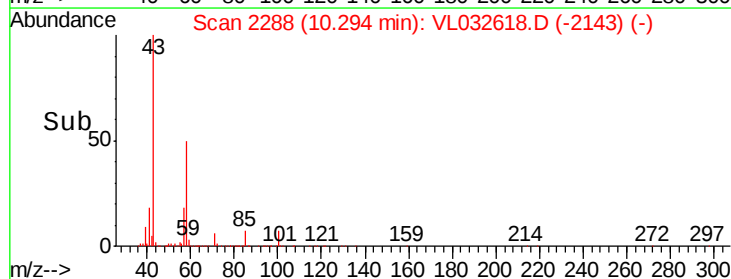
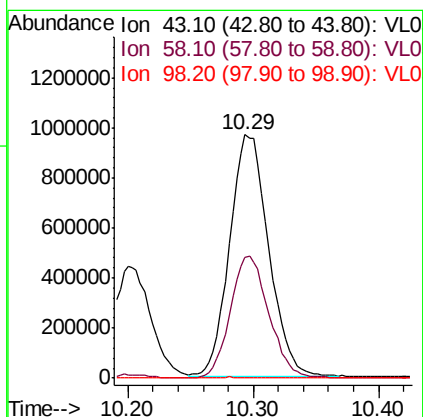
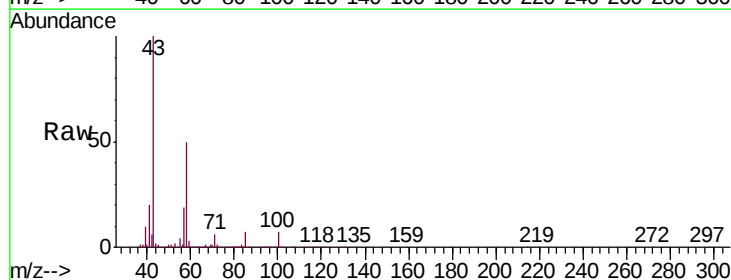
Instrument :
 MSVOA_L
 ClientSampleId :
 Q3-SVI-100518

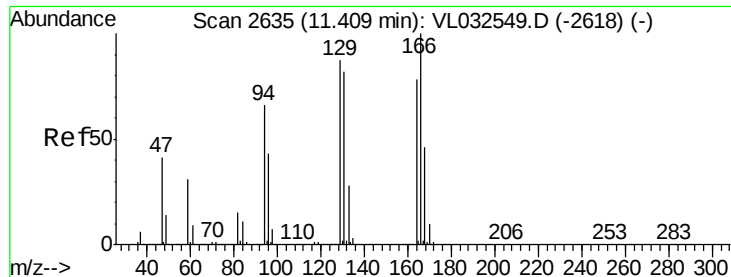
Tgt Ion: 43 Resp: 38063
 Ion Ratio Lower Upper
 43 100
 58 61.4 29.0 43.4#



#51
 2-Hexanone
 Concen: 9.031 ppbv
 RT: 10.29 min Scan# 2288
 Delta R.T. -0.03 min
 Lab File: VL032618.D
 Acq: 12 Oct 2018 00:08

Tgt Ion: 43 Resp: 2081341
 Ion Ratio Lower Upper
 43 100
 58 49.9 39.2 58.8
 98 1.1 0.4 0.6#





#52

Tetrachloroethene

Concen: 1.649 ppbv

RT: 11.41 min Scan# 2634

Delta R.T. -0.02 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518

Tgt Ion:164 Resp: 138104

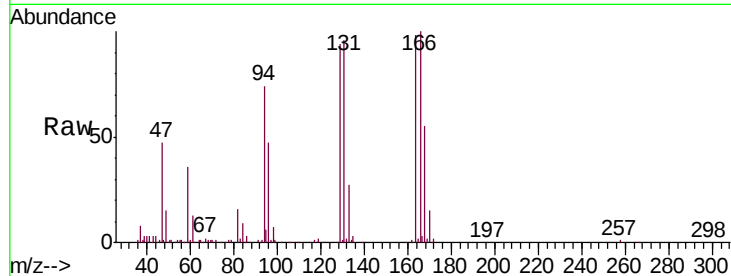
Ion Ratio Lower Upper

164 100

166 100.9 100.6 150.8

129 95.8 89.9 134.9

131 96.6 85.9 128.9

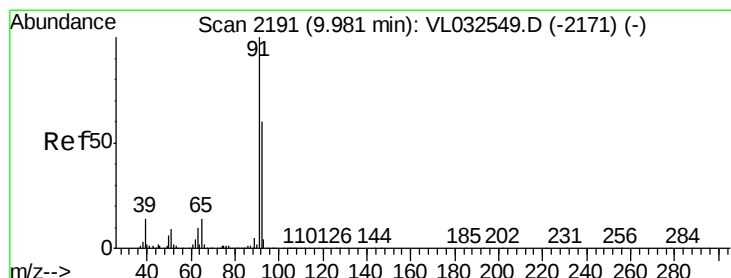
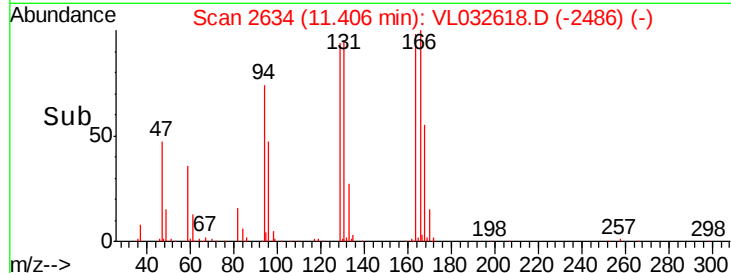
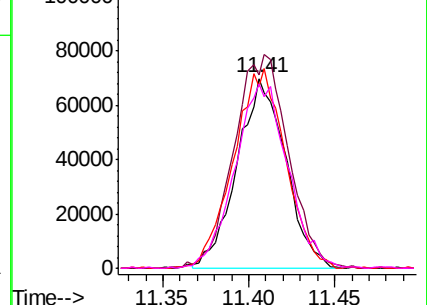


Abundance Ion 163.90 (163.60 to 164.60): V

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



#53

Toluene

Concen: 6.008 ppbv

RT: 9.98 min Scan# 2190

Delta R.T. -0.03 min

Lab File: VL032618.D

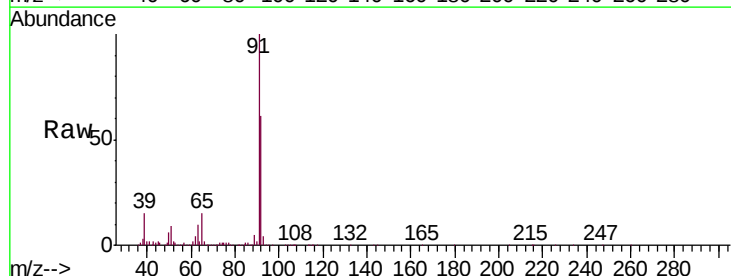
Acq: 12 Oct 2018 00:08

Tgt Ion: 91 Resp: 1761387

Ion Ratio Lower Upper

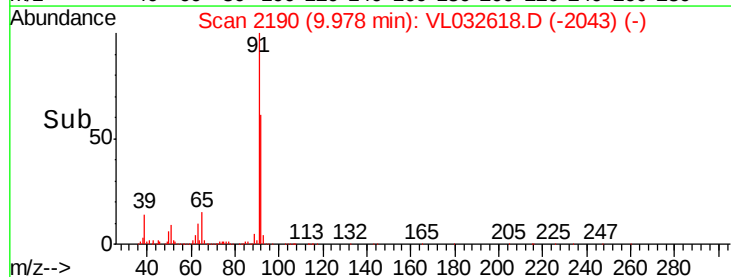
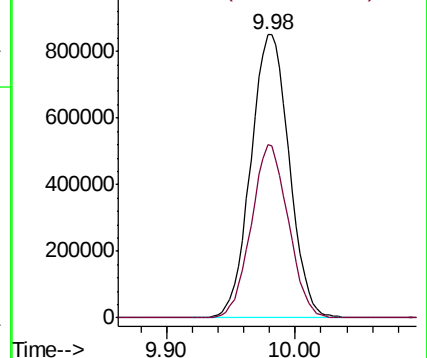
91 100

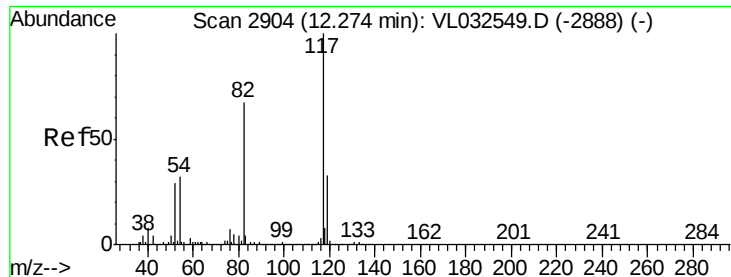
92 59.3 48.1 72.1



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 92.10 (91.80 to 92.80): VL0

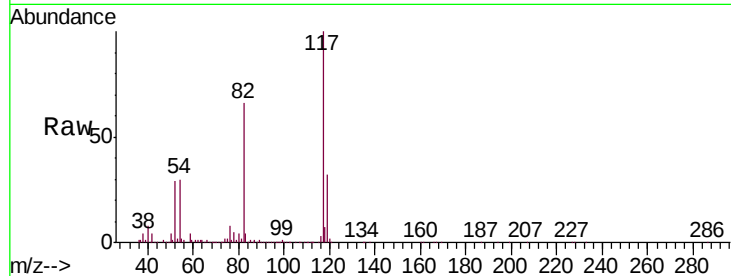




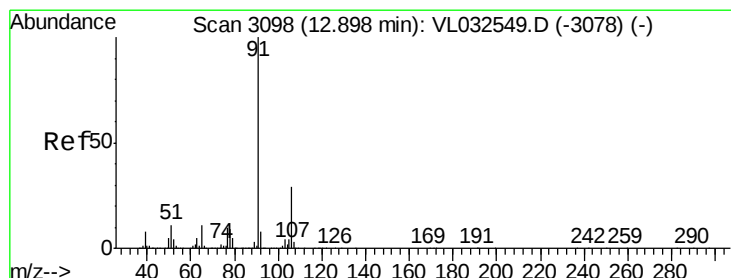
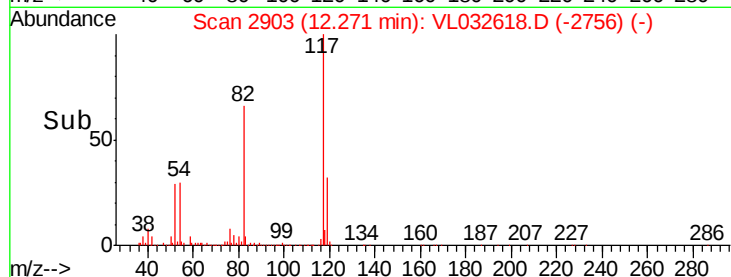
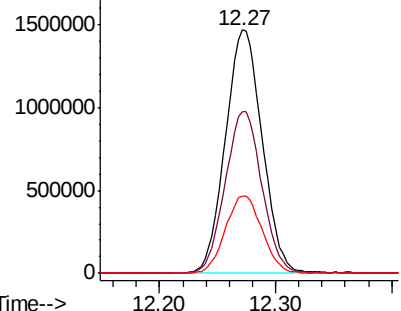
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.27 min Scan# 2903
Delta R.T. -0.03 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

Tgt Ion: 117 Resp: 3240098
Ion Ratio Lower Upper
117 100
82 66.4 53.0 79.6
119 32.2 45.9 68.9#

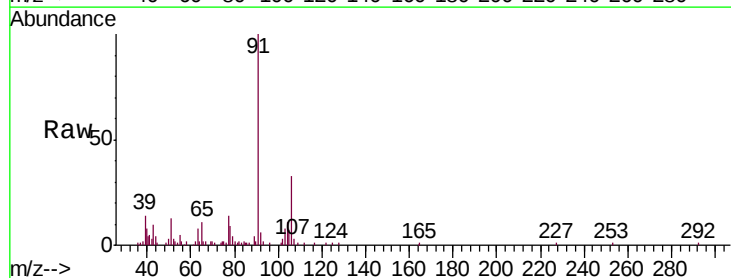


Abundance Ion 117.10 (116.80 to 117.80): V
2000000 Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V

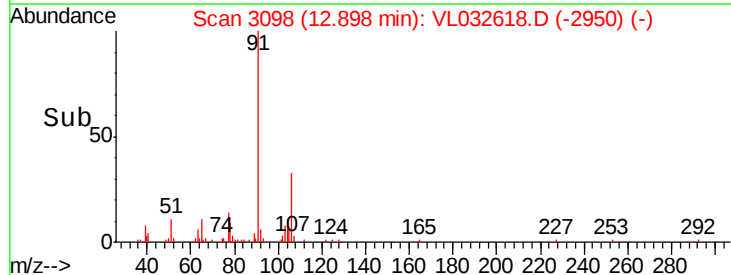
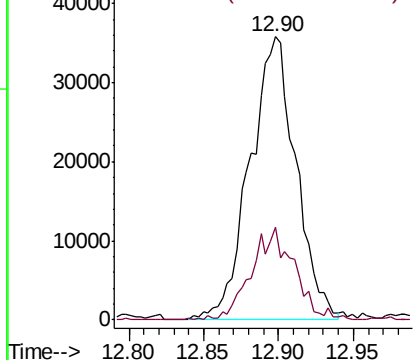


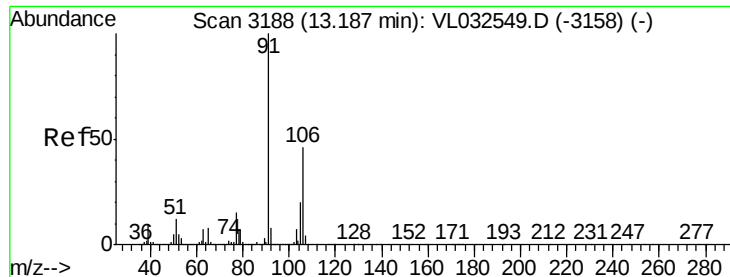
#58
Ethyl Benzene
Concen: 0.196 ppbv
RT: 12.90 min Scan# 3098
Delta R.T. -0.02 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 91 Resp: 76876
Ion Ratio Lower Upper
91 100
106 32.1 24.8 37.2



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

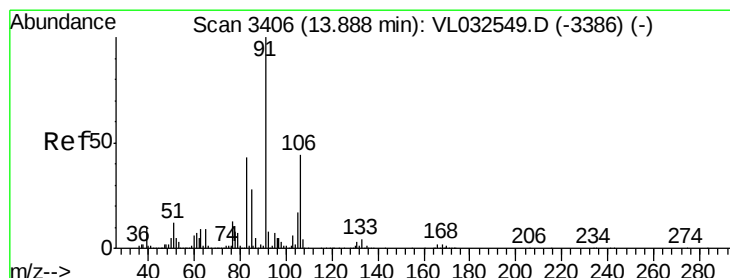
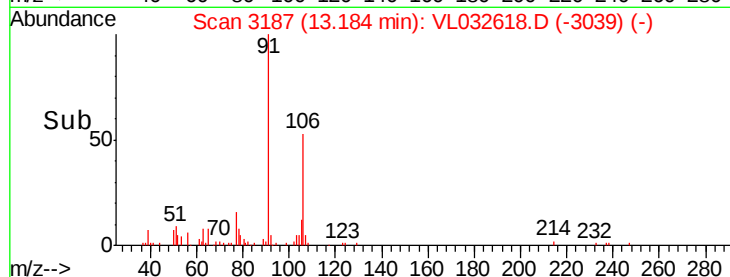
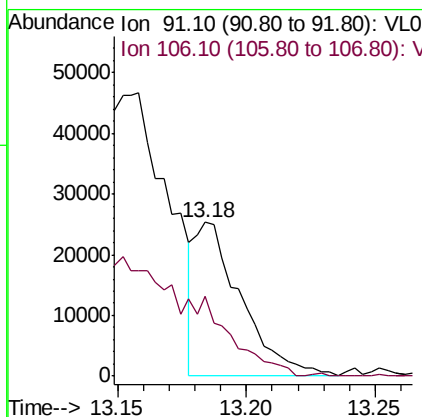
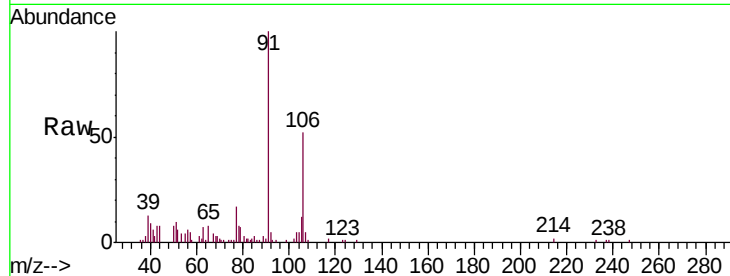




#59
m/p-Xylene
Concen: 0.088 ppbv
RT: 13.18 min Scan# 3187
Delta R.T. -0.02 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

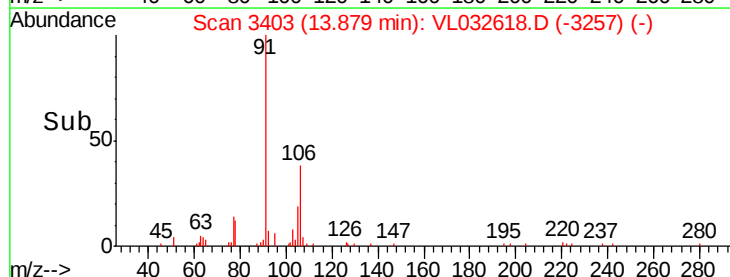
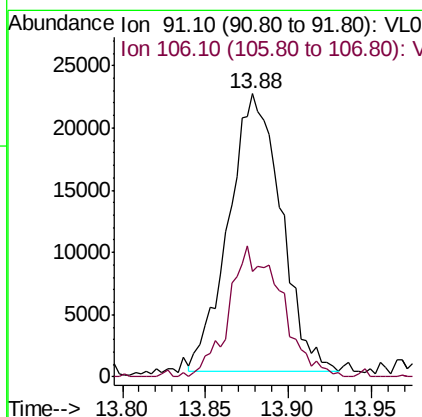
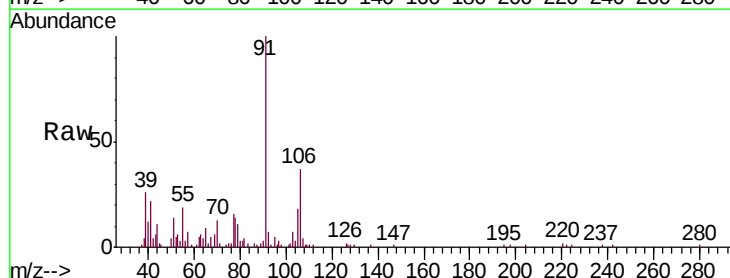
Instrument :
MSVOA_L
ClientSampleId :
Q3-SVI-100518

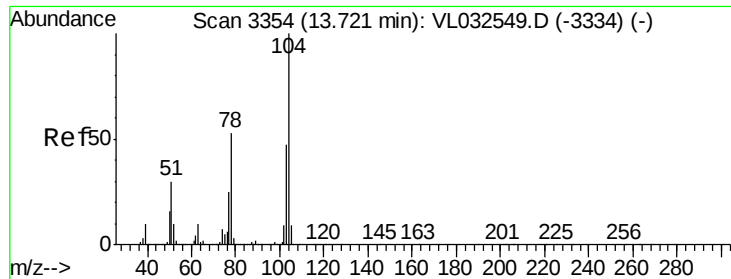
Tgt Ion: 91 Resp: 30863
Ion Ratio Lower Upper
91 100
106 0.0 36.6 55.0#



#60
o-Xylene
Concen: 0.145 ppbv
RT: 13.88 min Scan# 3403
Delta R.T. -0.03 min
Lab File: VL032618.D
Acq: 12 Oct 2018 00:08

Tgt Ion: 91 Resp: 49228
Ion Ratio Lower Upper
91 100
106 47.4 21.9 65.7





#61

Styrene

Concen: 0.046 ppbv

RT: 13.71 min Scan# 3350

Delta R.T. -0.03 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

Q3-SVI-100518

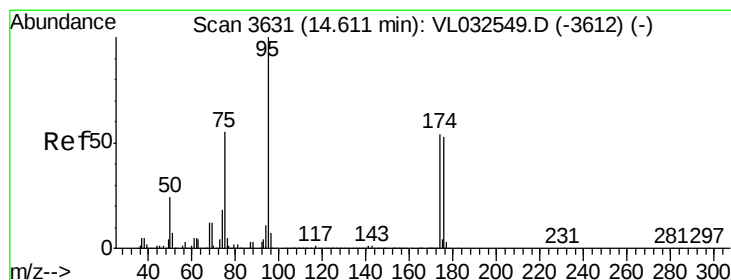
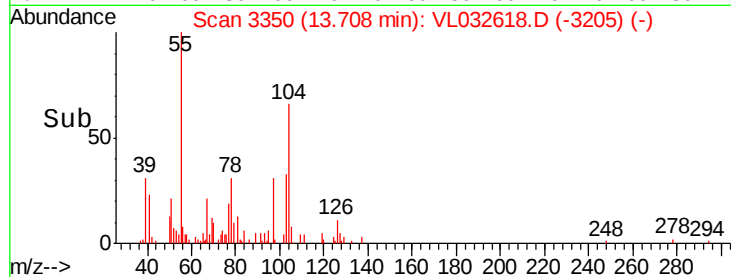
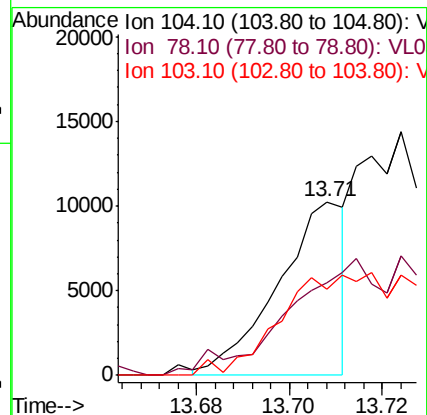
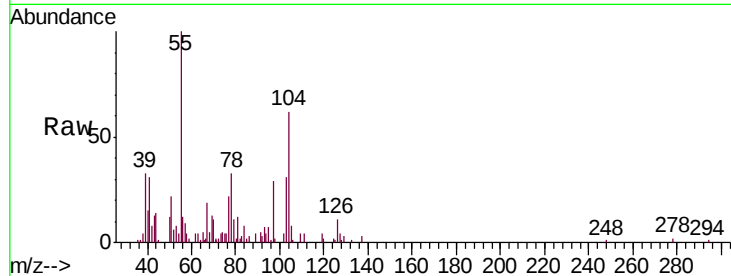
Tgt Ion: 104 Resp: 10331

Ion Ratio Lower Upper

104 100

78 0.0 41.8 62.8#

103 0.0 38.0 57.0#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.382 ppbv

RT: 14.61 min Scan# 3629

Delta R.T. -0.03 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

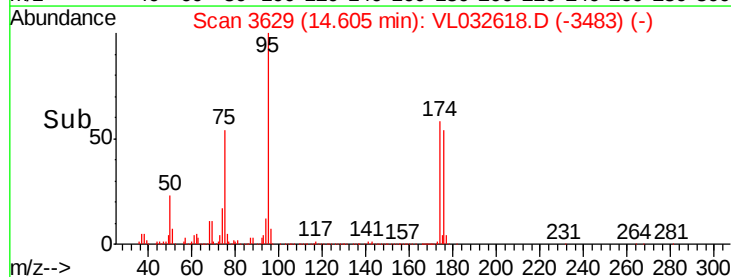
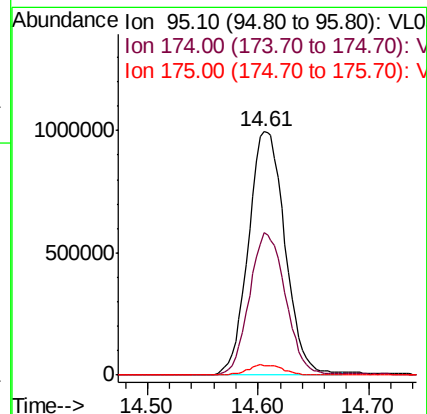
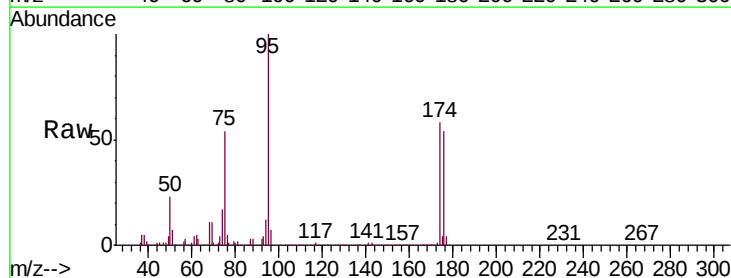
Tgt Ion: 95 Resp: 2292328

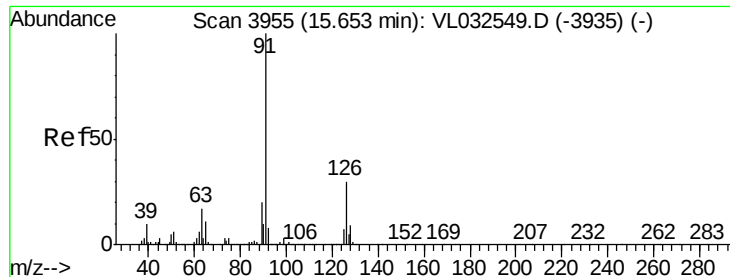
Ion Ratio Lower Upper

95 100

174 58.6 46.3 69.5

175 4.1 3.4 5.0





#71

2-Chlorotoluene

Concen: 1.600 ppbv

RT: 15.51 min Scan# 3910

Delta R.T. -0.17 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Instrument :

MSVOA_L

ClientSampleId :

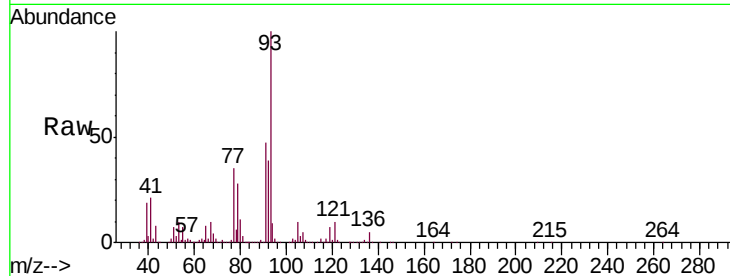
Q3-SVI-100518

Tgt Ion: 91 Resp: 586720

Ion Ratio Lower Upper

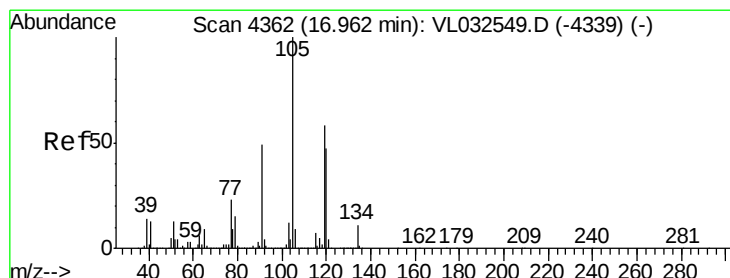
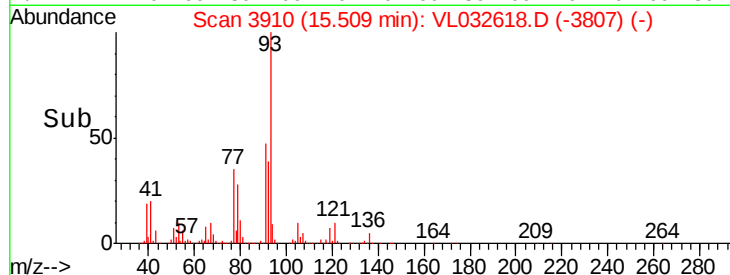
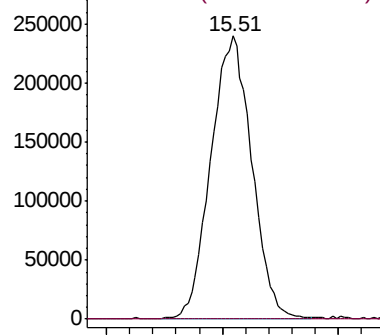
91 100

126 0.0 11.9 47.7#



Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#74

1,2,4-Trimethylbenzene

Concen: 0.098 ppbv

RT: 16.96 min Scan# 4360

Delta R.T. -0.03 min

Lab File: VL032618.D

Acq: 12 Oct 2018 00:08

Tgt Ion: 105 Resp: 37849

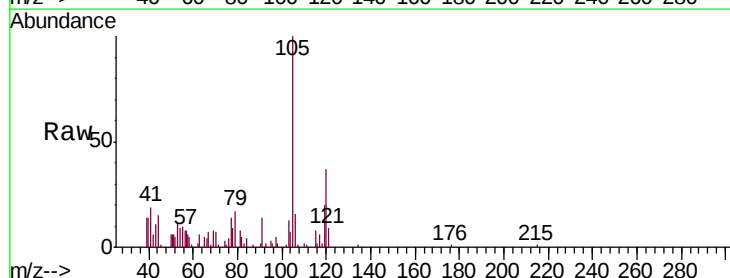
Ion Ratio Lower Upper

105 100

120 35.3 37.8 56.8#

91 12.7 41.4 62.0#

77 15.2 18.6 28.0#



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

