

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003266.D
 Acq On : 14 Jun 2018 20:58
 Operator : VA/AP
 Sample : J2923-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

Quant Time: Jun 15 06:45:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231098	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	177614	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13638	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
35) Dibromofluoromethane	7.88	113	11568	5.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.08%	
50) Toluene-d8	10.33	98	43764	4.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.62%	
62) 4-Bromofluorobenzene	12.62	95	15704	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	3991	5.712	ug/l 97
3) Chloromethane	2.21	50	11469	6.497	ug/l # 89
4) Vinyl Chloride	2.36	62	16225	6.305	ug/l 98
5) Bromomethane	2.79	94	10929	6.390	ug/l 93
6) Chloroethane	2.92	64	10153	5.668	ug/l 89
7) Trichlorofluoromethane	3.25	101	8569	5.558	ug/l 93
8) Diethyl Ether	3.68	74	7062	6.236	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11902	5.560	ug/l 94
10) Methyl Iodide	4.27	142	17943	5.542	ug/l 98
11) Tert butyl alcohol	5.24	59	5161	38.444	ug/l # 84
12) 1,1-Dichloroethene	4.03	96	11777	5.630	ug/l 92
13) Acrolein	3.89	56	5799	30.213	ug/l 95
14) Allyl chloride	4.67	41	20221	5.580	ug/l 97
15) Acrylonitrile	5.38	53	13675	29.349	ug/l 97
16) Acetone	4.15	43	17097	32.567	ug/l 98
17) Carbon Disulfide	4.37	76	36960	5.976	ug/l 96
18) Methyl Acetate	4.68	43	10246	8.227	ug/l 93
19) Methyl tert-butyl Ether	5.43	73	20802	5.309	ug/l 97
20) Methylene Chloride	4.91	84	18730	5.103	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	12837	5.638	ug/l 95
22) Diisopropyl ether	6.32	45	36862	5.054	ug/l 95
23) Vinyl Acetate	6.26	43	97682	23.242	ug/l 98
24) 1,1-Dichloroethane	6.21	63	23754	5.486	ug/l 97
25) 2-Butanone	7.19	43	19257	29.499	ug/l 99
26) 2,2-Dichloropropane	7.17	77	17123	5.926	ug/l 94
27) cis-1,2-Dichloroethene	7.17	96	13787	5.512	ug/l 92
28) Bromochloromethane	7.51	49	9849	5.467	ug/l 97
29) Tetrahydrofuran	7.54	42	11064	27.731	ug/l 96
30) Chloroform	7.68	83	24896	5.644	ug/l 94
31) Cyclohexane	7.96	56	25338	6.264	ug/l # 76
32) 1,1,1-Trichloroethane	7.88	97	19969	5.485	ug/l 98
36) 1,1-Dichloropropene	8.09	75	18874	5.295	ug/l 98
37) Ethyl Acetate	7.26	43	9328	6.317	ug/l # 94
38) Carbon Tetrachloride	8.07	117	19006	5.436	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21123	5.122	ug/l	98
40) Benzene	8.33	78	53611	5.457	ug/l	98
41) Methacrylonitrile	7.49	41	4564	5.037	ug/l	92
42) 1,2-Dichloroethane	8.40	62	17207	5.590	ug/l	99
43) Isopropyl Acetate	8.43	43	15585	5.316	ug/l	98
44) Trichloroethene	9.10	130	14228	5.465	ug/l	94
45) 1,2-Dichloropropane	9.38	63	13710	5.481	ug/l	93
46) Dibromomethane	9.46	93	7052	5.506	ug/l	99
47) Bromodichloromethane	9.65	83	17054	5.195	ug/l	100
48) Methyl methacrylate	9.45	41	6734	4.887	ug/l	91
49) 1,4-Dioxane	9.48	88	2062	106.633	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	39636	26.530	ug/l	100
52) Toluene	10.39	92	32544	5.166	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	16433	4.900	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	18959	4.967	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	9687	5.368	ug/l	95
56) Ethyl methacrylate	10.65	69	10529	4.804	ug/l	95
57) 1,3-Dichloropropane	10.94	76	16955	5.447	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	25307	25.760	ug/l	97
59) 2-Hexanone	10.98	43	25062	24.013	ug/l	97
60) Dibromochloromethane	11.13	129	11406	5.315	ug/l	98
61) 1,2-Dibromoethane	11.24	107	9319	5.459	ug/l	99
64) Tetrachloroethene	10.87	164	12827	5.664	ug/l	97
65) Chlorobenzene	11.66	112	37093	5.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	12473	5.034	ug/l	97
67) Ethyl Benzene	11.74	91	60544	4.844	ug/l	98
68) m/p-Xylenes	11.85	106	45265	9.527	ug/l	100
69) o-Xylene	12.17	106	21175	4.809	ug/l	100
70) Styrene	12.19	104	33207	4.531	ug/l	97
71) Bromoform	12.35	173	6491	5.054	ug/l #	100
73) Isopropylbenzene	12.48	105	57565	4.660	ug/l	100
74) N-amyl acetate	12.28	43	13118	4.665	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	11361	5.436	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	15220	10.024	ug/l #	100
77) Bromobenzene	12.76	156	14733	5.121	ug/l	97
78) n-propylbenzene	12.81	91	71506	4.727	ug/l	99
79) 2-Chlorotoluene	12.90	91	40754	4.767	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	48742	4.701	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	3003	4.551	ug/l	91
82) 4-Chlorotoluene	13.00	91	43849	4.835	ug/l	98
83) tert-Butylbenzene	13.22	119	41061	4.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	49864	4.675	ug/l	99
85) sec-Butylbenzene	13.40	105	61488	4.681	ug/l	100
86) p-Isopropyltoluene	13.51	119	52430	4.526	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	30407	5.145	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	30996	5.275	ug/l	93
89) n-Butylbenzene	13.83	91	51825	4.589	ug/l	99
90) Hexachloroethane	14.10	117	10670	5.091	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	27733	5.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1975	5.615	ug/l	98

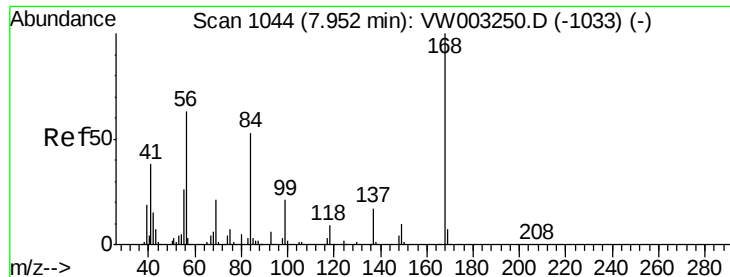
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	18874	5.193	ug/l	97
94) Hexachlorobutadiene	15.25	225	11817	5.405	ug/l	98
95) Naphthalene	15.38	128	29088	4.718	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	15952	4.986	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

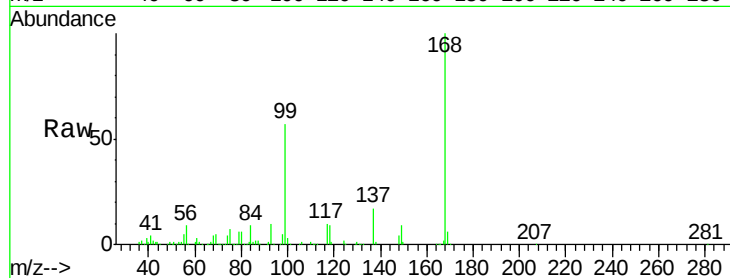
LOQ-SCM-Precision-Bias-1

Tgt Ion:168 Resp: 231098

Ion Ratio Lower Upper

168 100

99 57.2 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

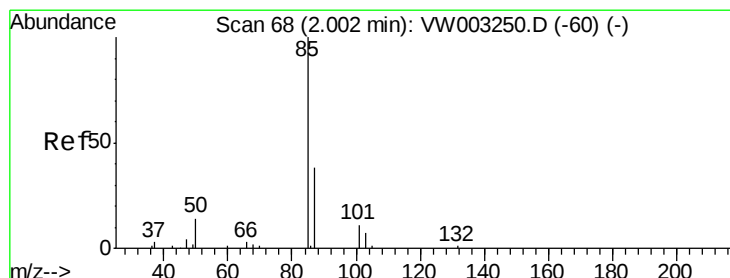
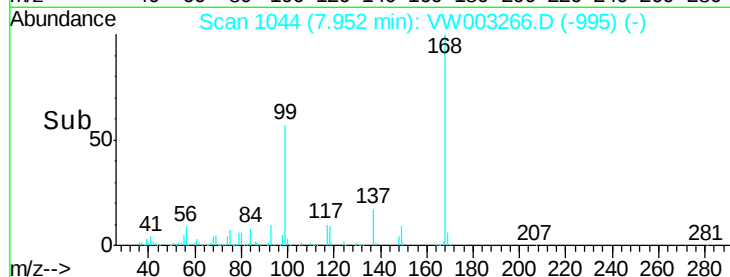
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 5.712 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003266.D

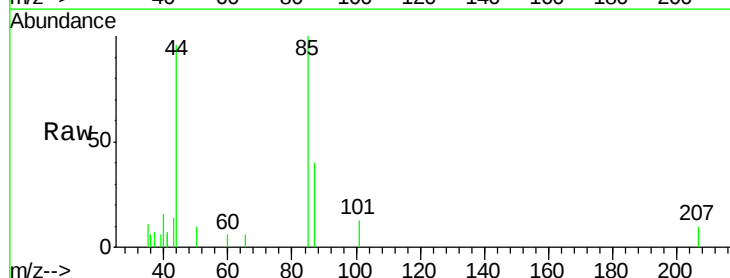
Acq: 14 Jun 2018 20:58

Tgt Ion: 85 Resp: 3991

Ion Ratio Lower Upper

85 100

87 39.9 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

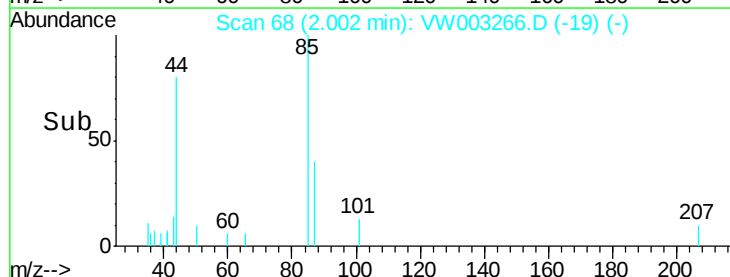
2.00

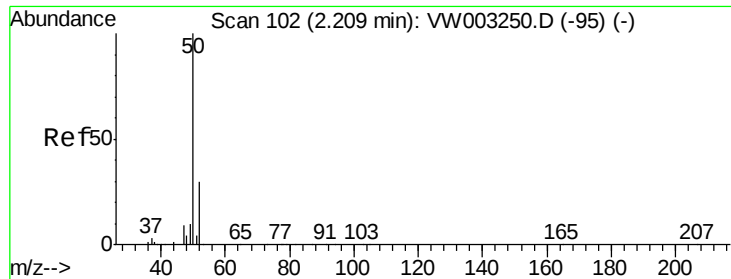
1000

500

0

Time--> 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 6.497 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

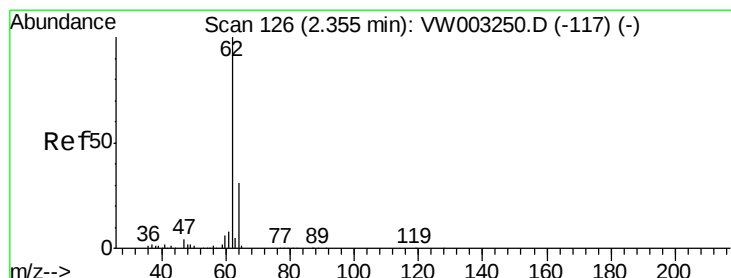
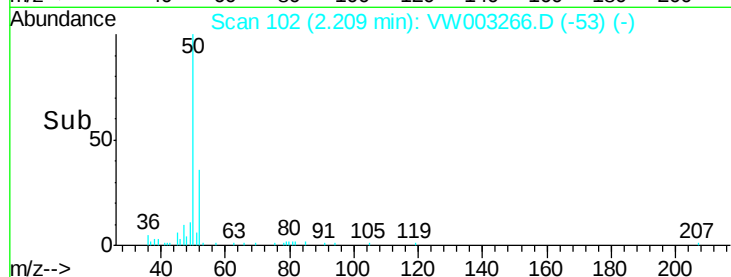
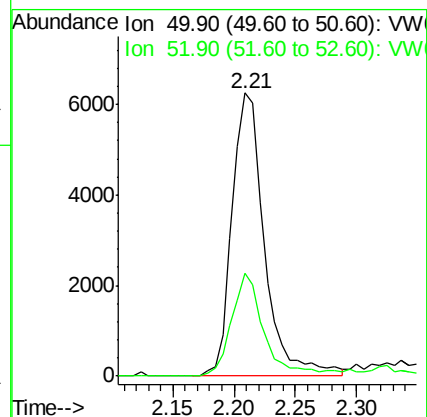
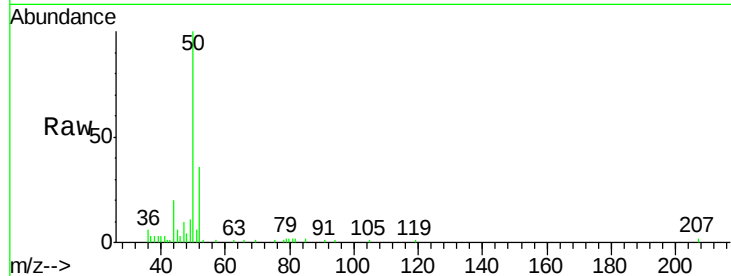
LOQ-SCM-Precision-Bias-1

Tgt Ion: 50 Resp: 11469

Ion Ratio Lower Upper

50 100

52 36.4 24.2 36.2#



#4

Vinyl Chloride

Concen: 6.305 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003266.D

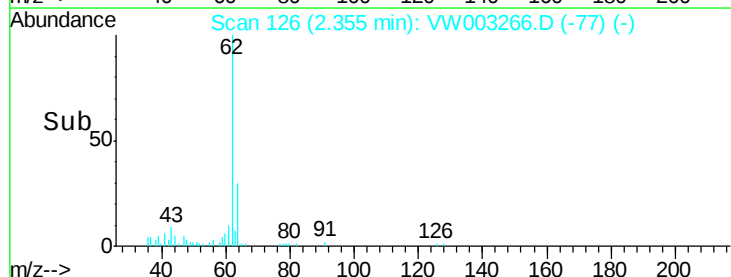
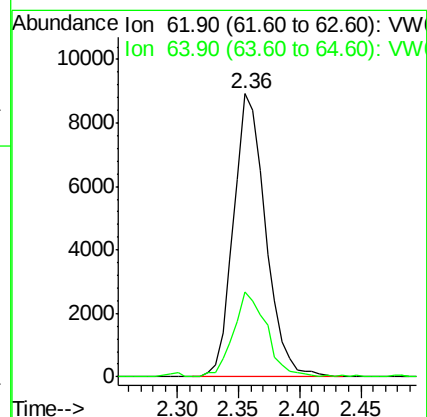
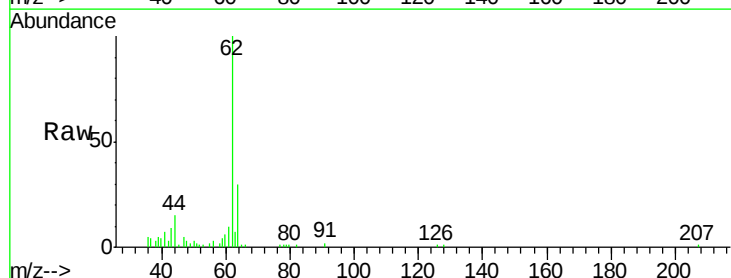
Acq: 14 Jun 2018 20:58

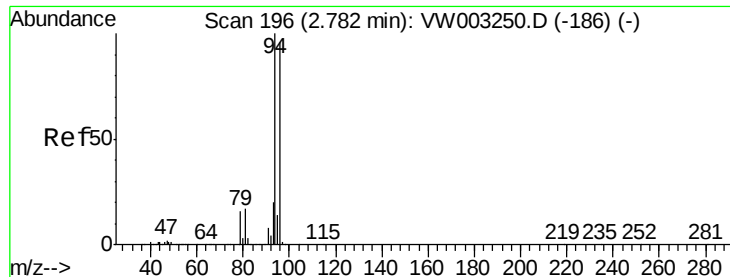
Tgt Ion: 62 Resp: 16225

Ion Ratio Lower Upper

62 100

64 30.2 24.9 37.3





#5

Bromomethane

Concen: 6.390 ug/l

RT: 2.79 min Scan# 197

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

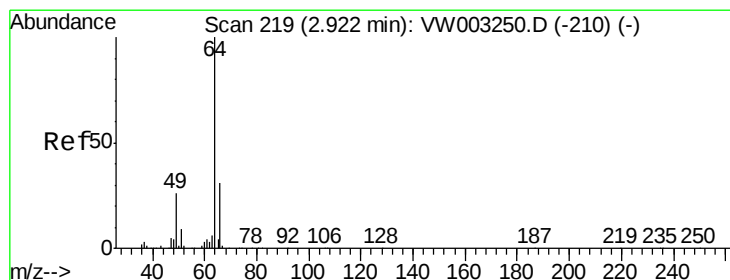
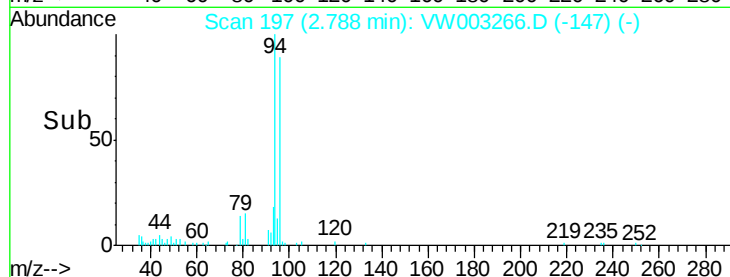
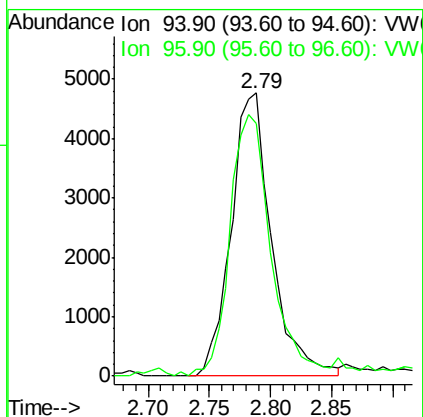
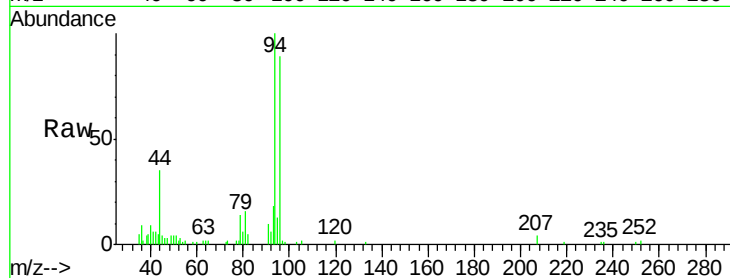
LOQ-SCM-Precision-Bias-1

Tgt Ion: 94 Resp: 10929

Ion Ratio Lower Upper

94 100

96 89.1 76.5 114.7



#6

Chloroethane

Concen: 5.668 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003266.D

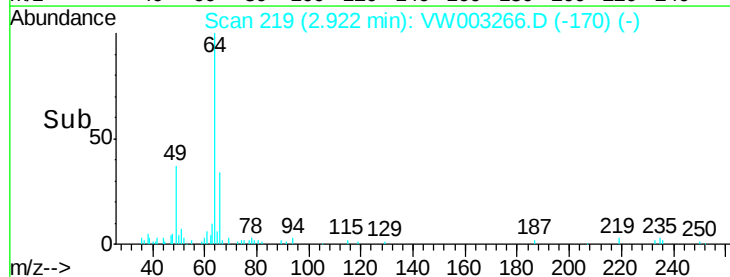
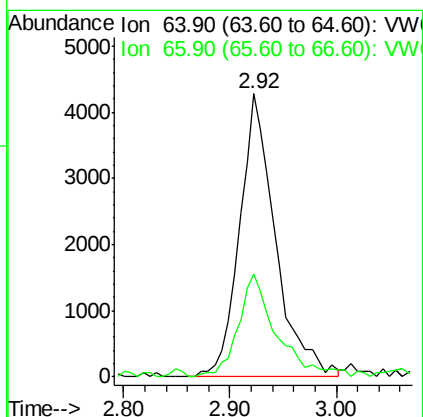
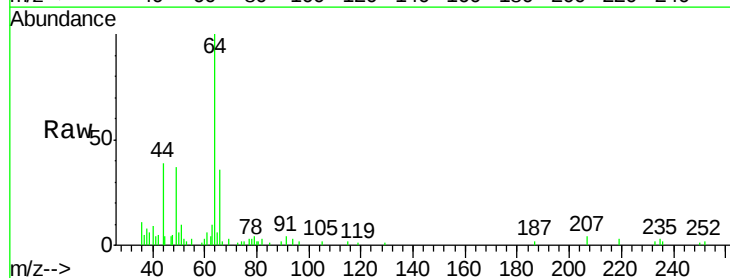
Acq: 14 Jun 2018 20:58

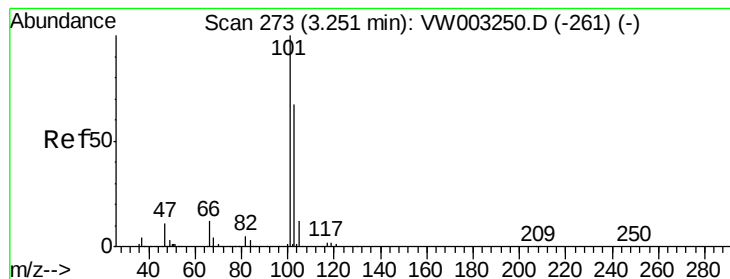
Tgt Ion: 64 Resp: 10153

Ion Ratio Lower Upper

64 100

66 36.4 24.4 36.6



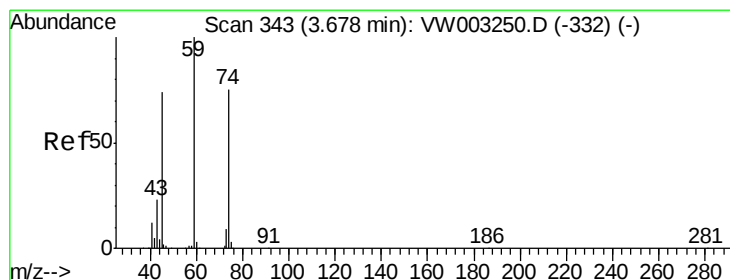
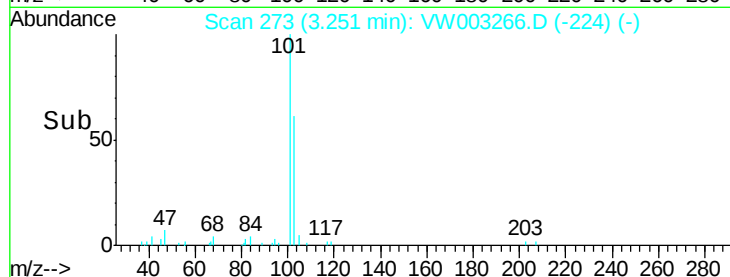
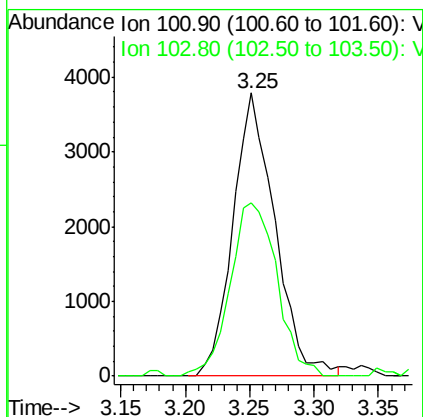
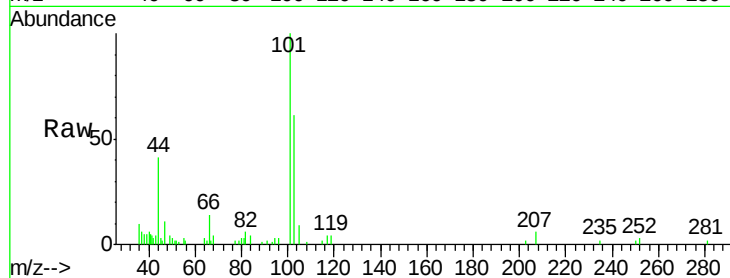


#7

Trichlorofluoromethane
 Concen: 5.558 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
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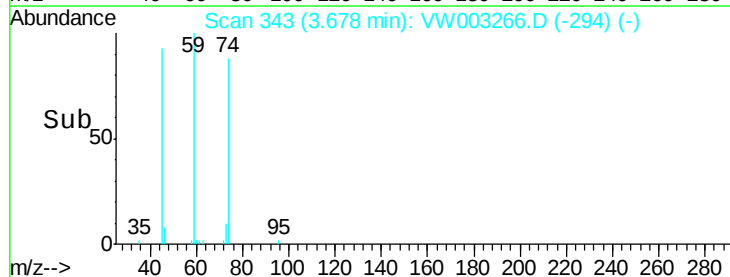
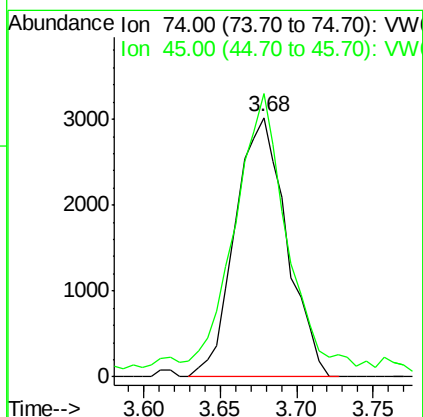
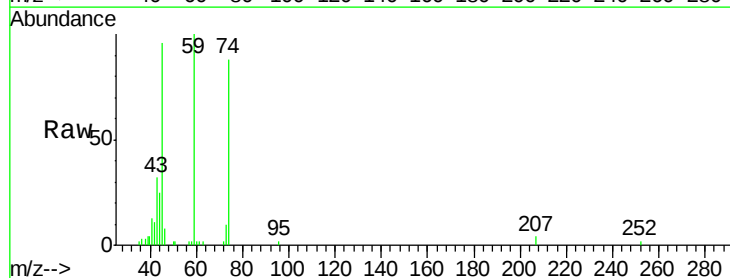
Tgt Ion: 101 Resp: 8569
 Ion Ratio Lower Upper
 101 100
 103 61.1 53.4 80.0

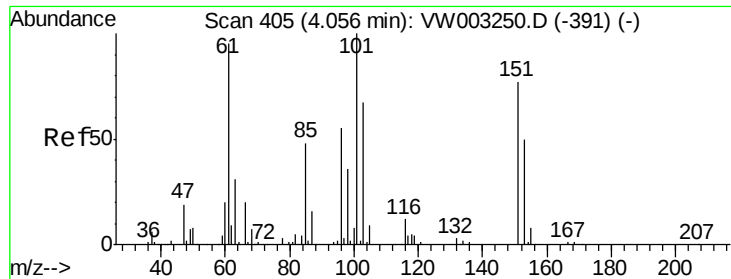


#8

Diethyl Ether
 Concen: 6.236 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 74 Resp: 7062
 Ion Ratio Lower Upper
 74 100
 45 107.4 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.560 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

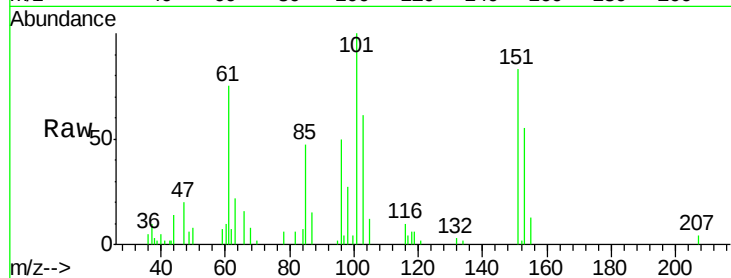
Tgt Ion:101 Resp: 11902

Ion Ratio Lower Upper

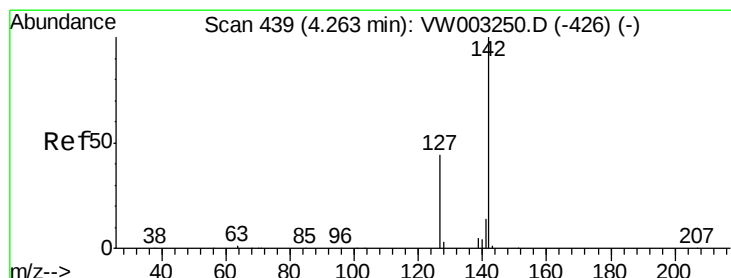
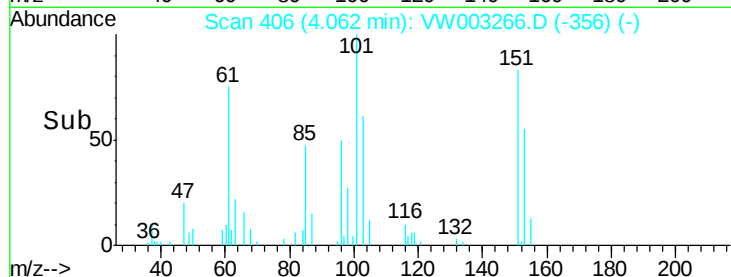
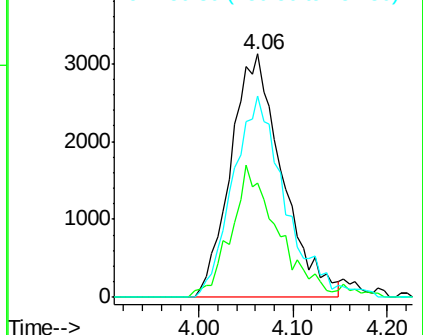
101 100

85 49.1 37.0 55.6

151 84.9 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.542 ug/l

RT: 4.27 min Scan# 440

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

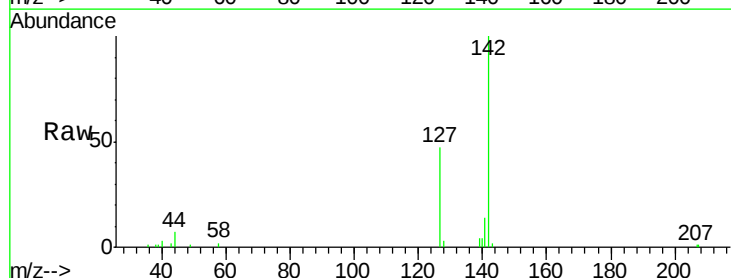
Tgt Ion:142 Resp: 17943

Ion Ratio Lower Upper

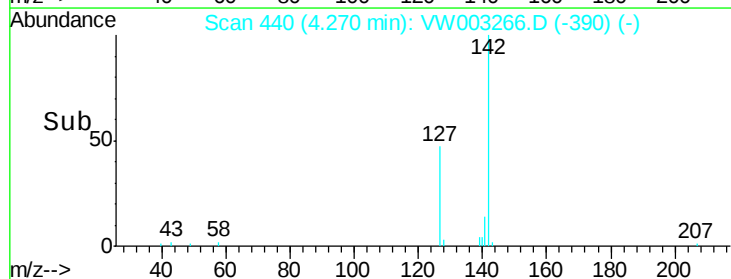
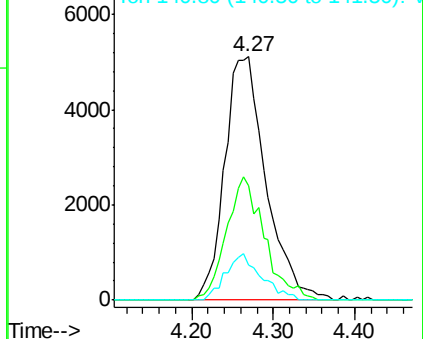
142 100

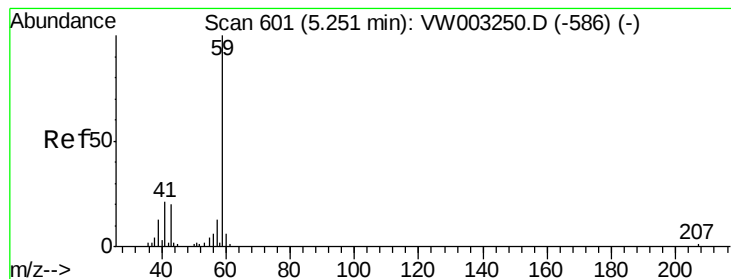
127 46.5 36.5 54.7

141 16.5 12.1 18.1



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



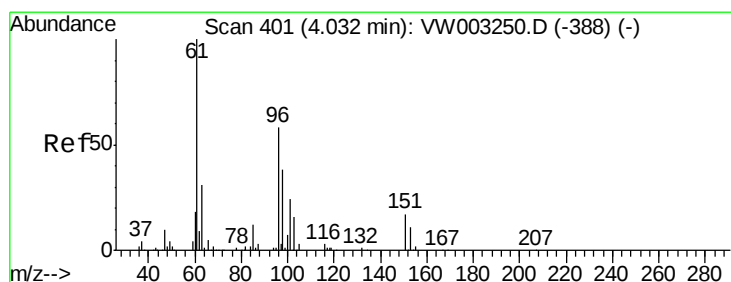
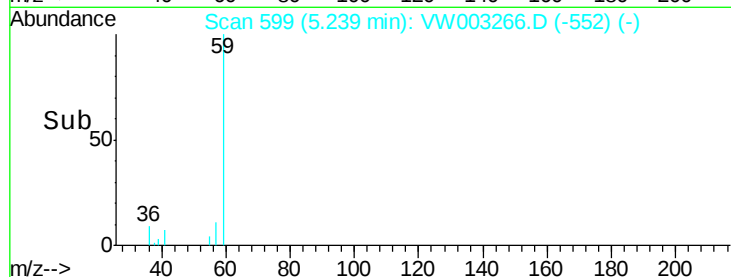
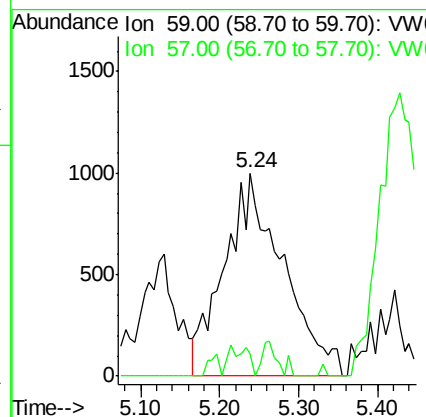
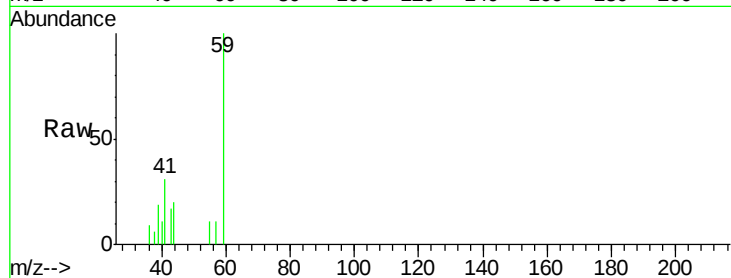


#11

Tert butyl alcohol
 Concen: 38.444 ug/l
 RT: 5.24 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

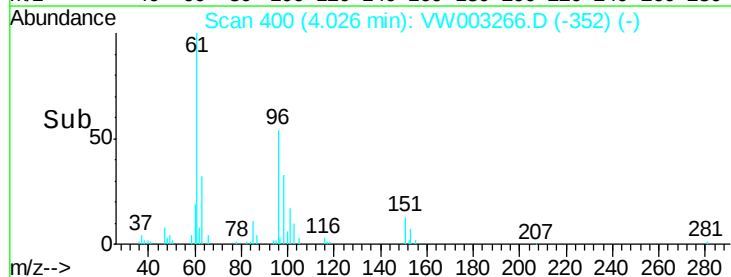
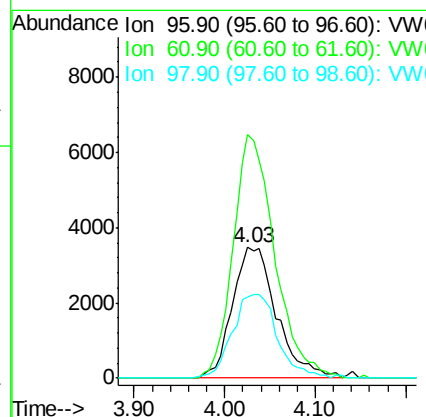
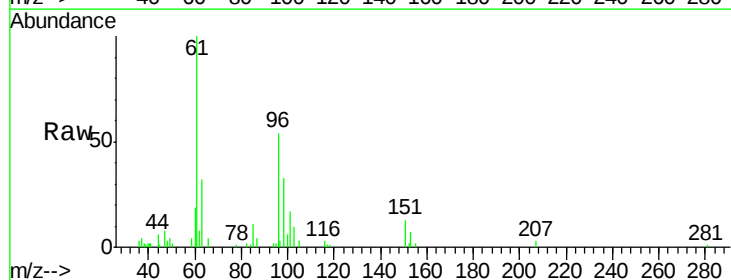
Tgt Ion: 59 Resp: 5161
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.2 6.2#

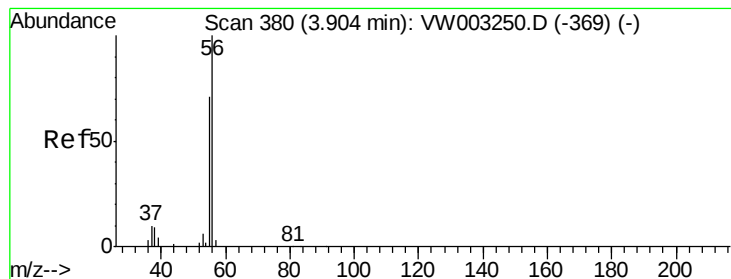


#12

1,1-Dichloroethene
 Concen: 5.630 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 96 Resp: 11777
 Ion Ratio Lower Upper
 96 100
 61 186.4 139.0 208.4
 98 62.2 53.3 79.9





#13

Acrolein

Concen: 30.213 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

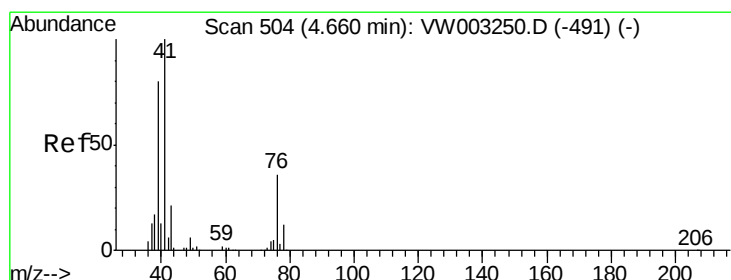
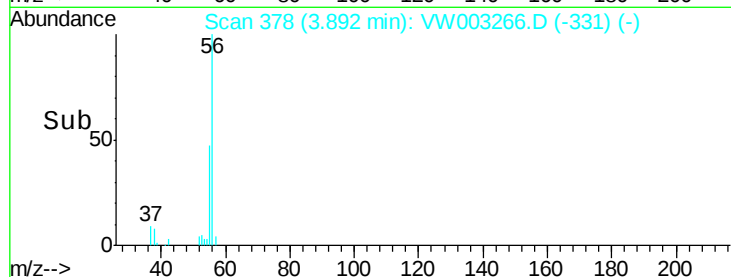
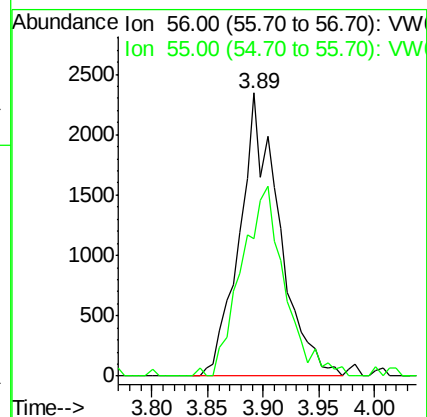
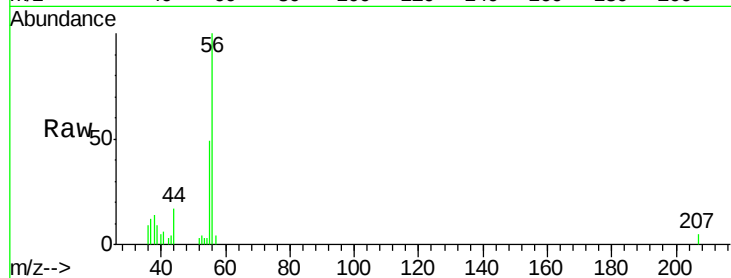
LOQ-SCM-Precision-Bias-1

Tgt Ion: 56 Resp: 5799

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.2



#14

Allyl chloride

Concen: 5.580 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

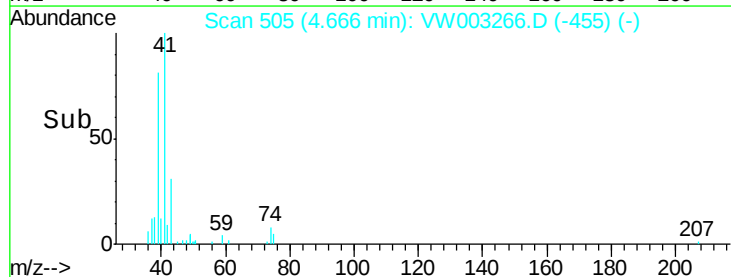
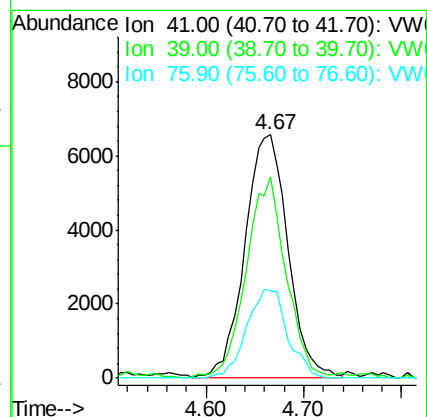
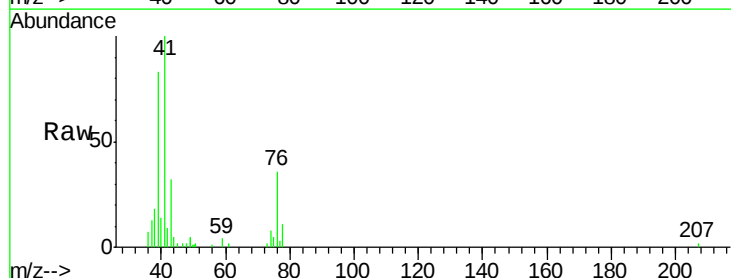
Tgt Ion: 41 Resp: 20221

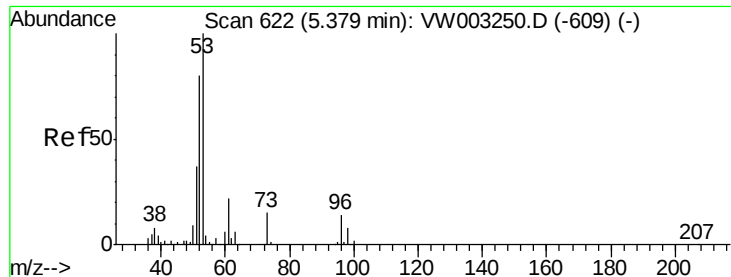
Ion Ratio Lower Upper

41 100

39 76.1 63.2 94.8

76 34.5 28.0 42.0





#15

Acrylonitrile

Concen: 29.349 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

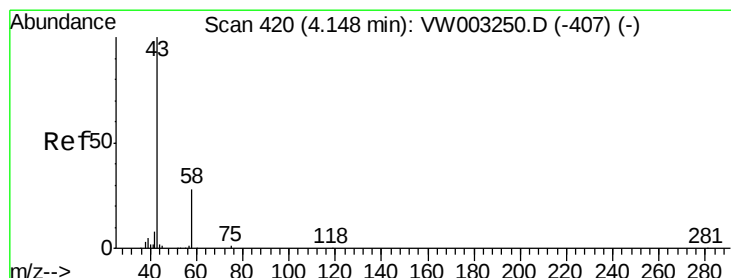
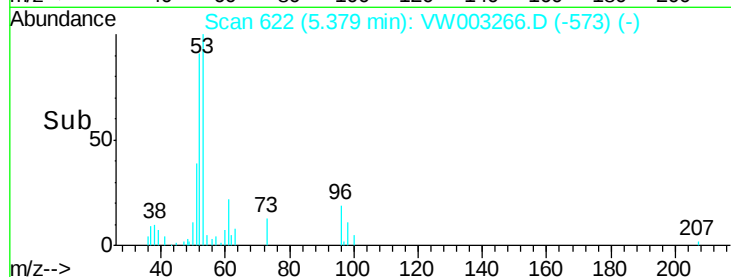
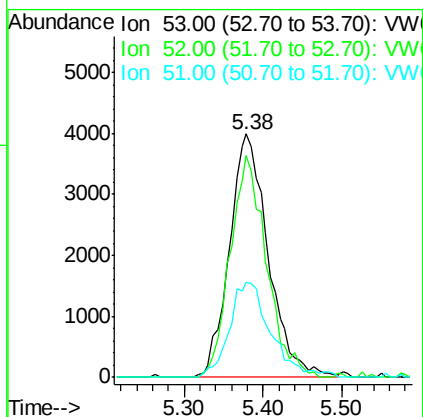
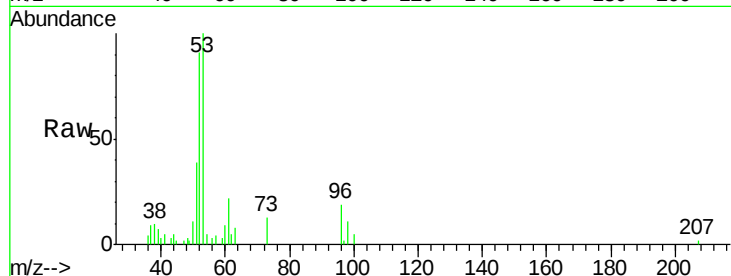
Tgt Ion: 53 Resp: 13675

Ion Ratio Lower Upper

53 100

52 85.3 66.6 100.0

51 41.5 30.6 46.0



#16

Acetone

Concen: 32.567 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003266.D

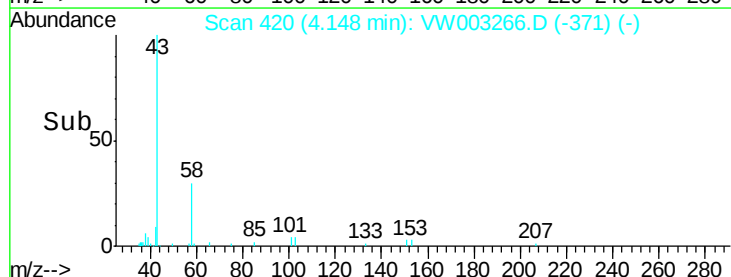
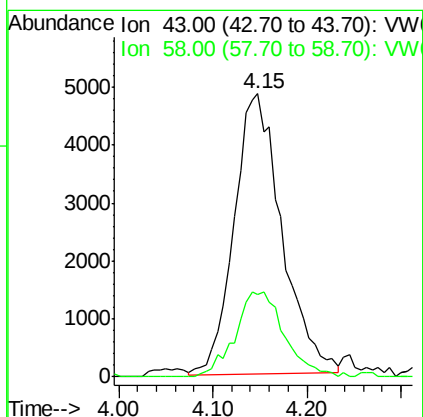
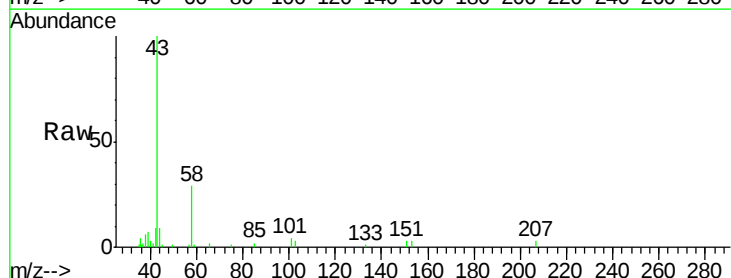
Acq: 14 Jun 2018 20:58

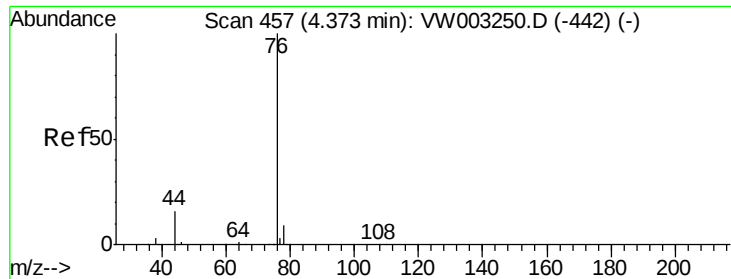
Tgt Ion: 43 Resp: 17097

Ion Ratio Lower Upper

43 100

58 29.4 22.6 34.0

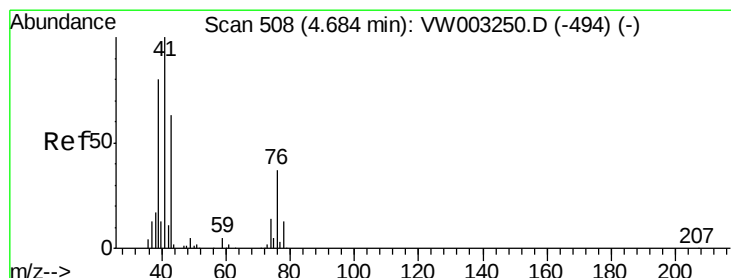
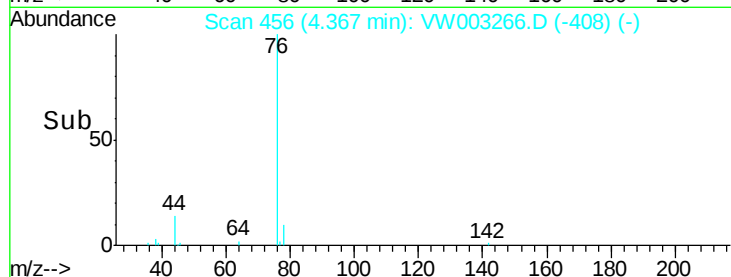
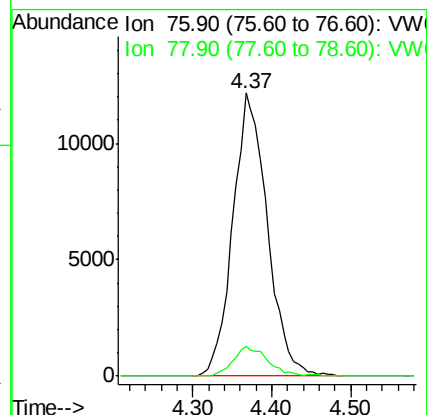
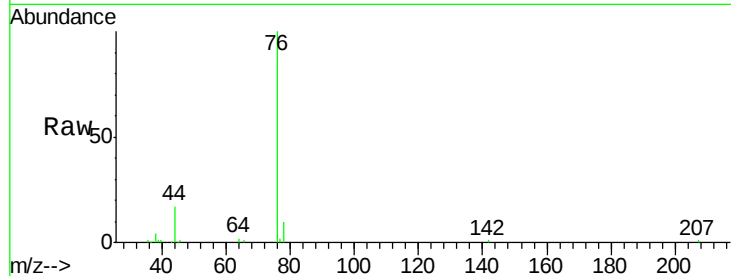




#17
Carbon Disulfide
Concen: 5.976 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

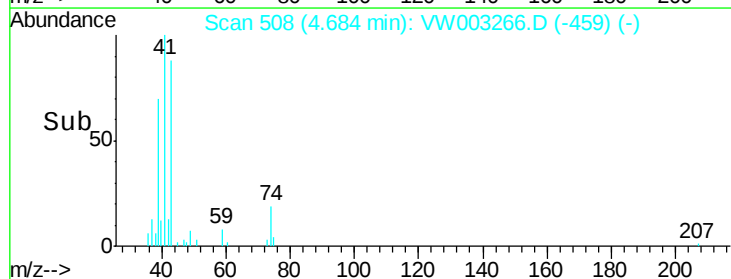
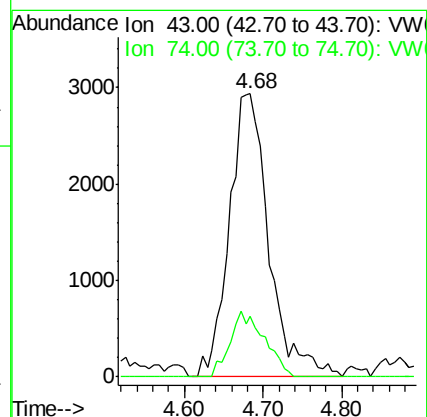
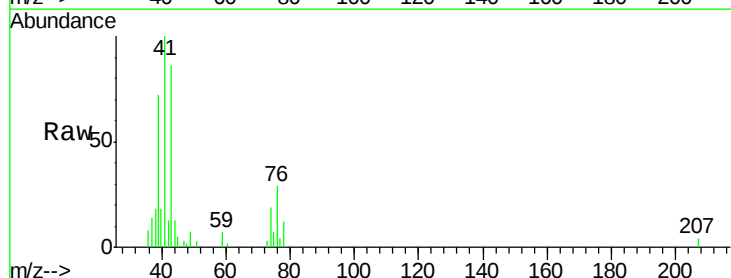
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

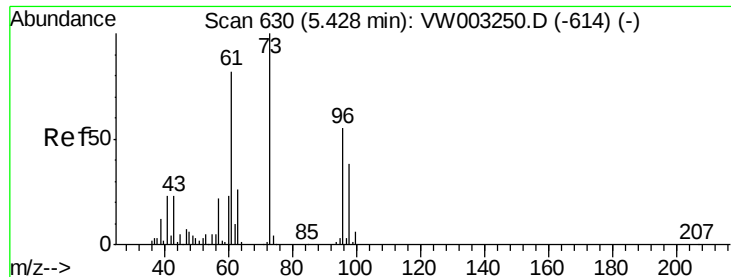
Tgt Ion: 76 Resp: 36960
Ion Ratio Lower Upper
76 100
78 10.5 7.1 10.7



#18
Methyl Acetate
Concen: 8.227 ug/l
RT: 4.68 min Scan# 508
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 43 Resp: 10246
Ion Ratio Lower Upper
43 100
74 20.1 18.7 28.1



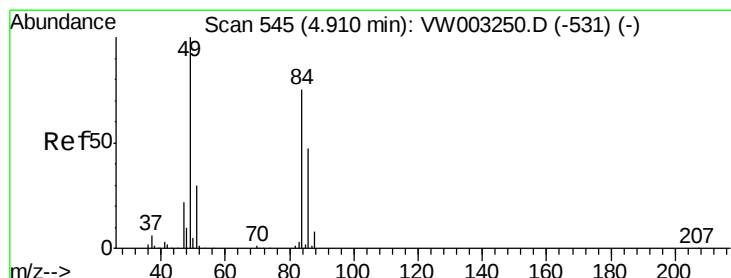
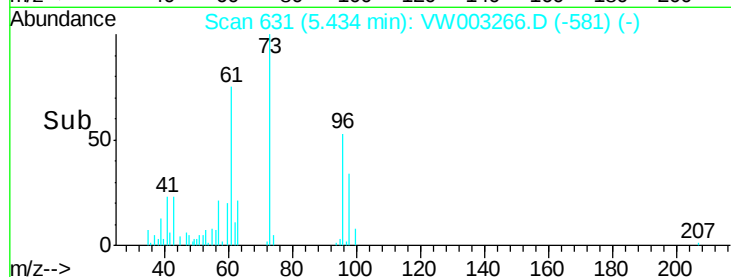
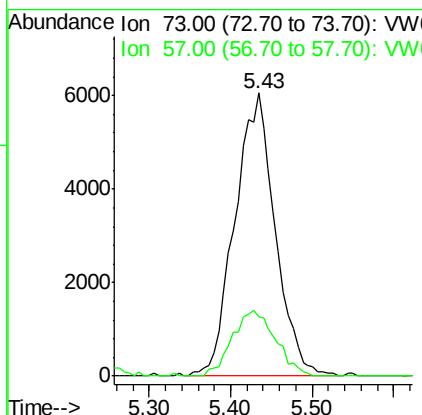
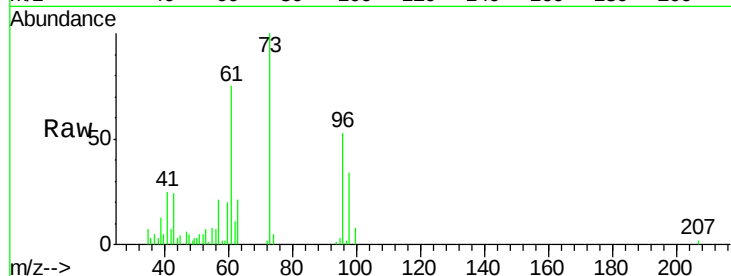


#19

Methyl tert-butyl Ether
 Concen: 5.309 ug/l
 RT: 5.43 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

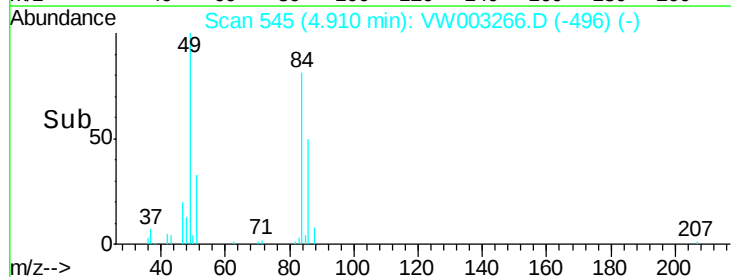
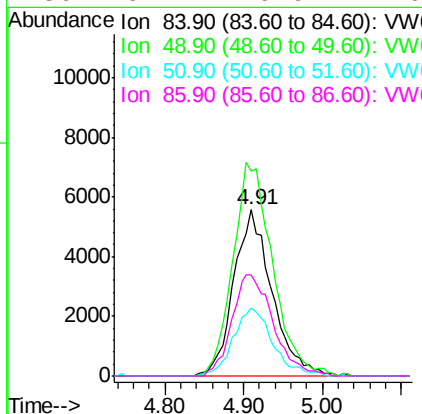
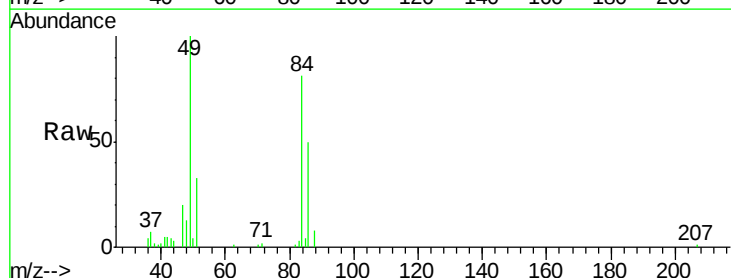
Tgt Ion: 73 Resp: 20802
 Ion Ratio Lower Upper
 73 100
 57 20.9 18.0 27.0

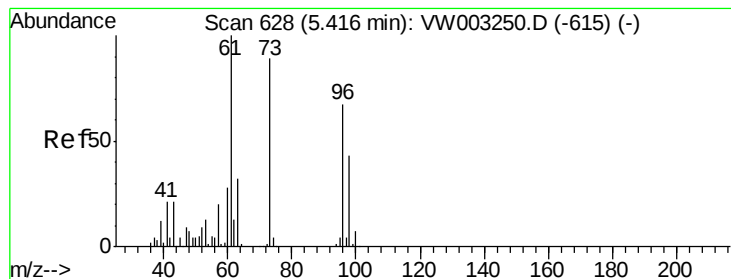


#20

Methylene Chloride
 Concen: 5.103 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 84 Resp: 18730
 Ion Ratio Lower Upper
 84 100
 49 123.2 106.3 159.5
 51 40.8 32.0 48.0
 86 61.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.638 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

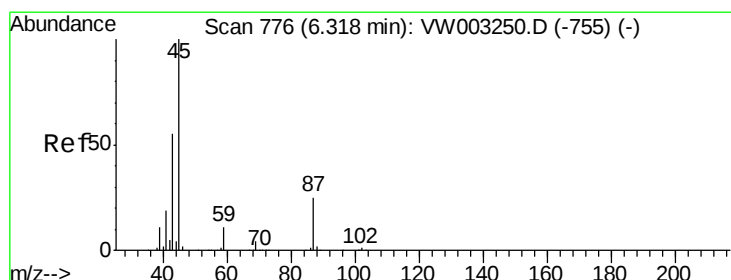
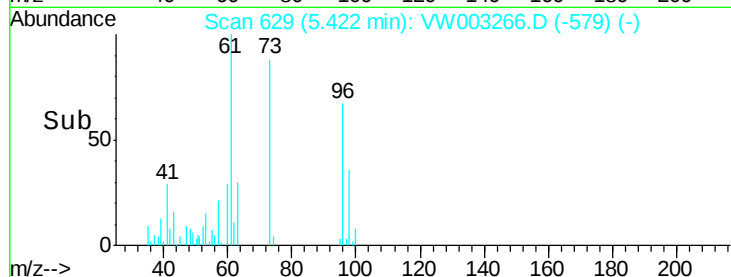
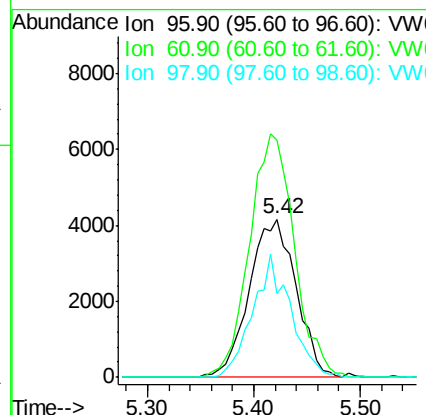
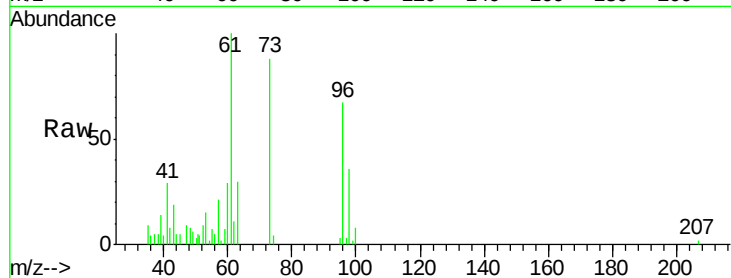
Tgt Ion: 96 Resp: 12837

Ion Ratio Lower Upper

96 100

61 149.7 118.7 178.1

98 53.2 51.0 76.6



#22

Diisopropyl ether

Concen: 5.054 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Tgt Ion: 45 Resp: 36862

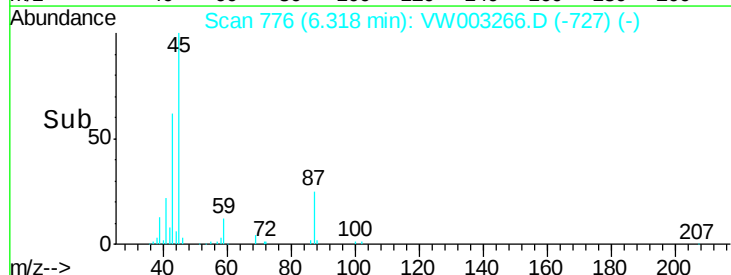
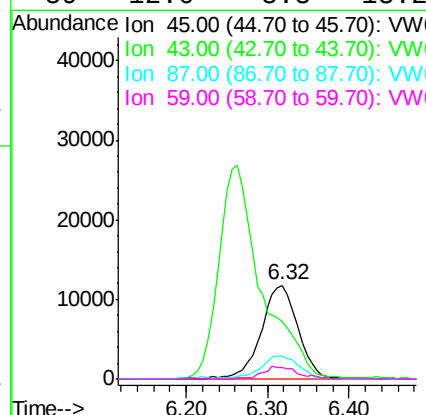
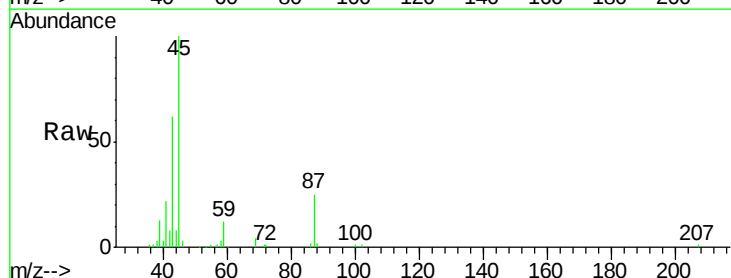
Ion Ratio Lower Upper

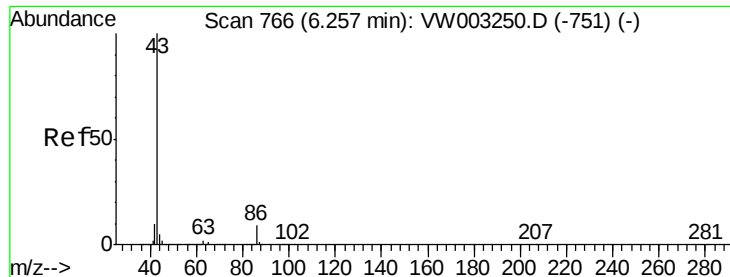
45 100

43 60.6 44.0 66.0

87 25.1 20.6 31.0

59 12.0 8.8 13.2





#23

Vinyl Acetate

Concen: 23.242 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

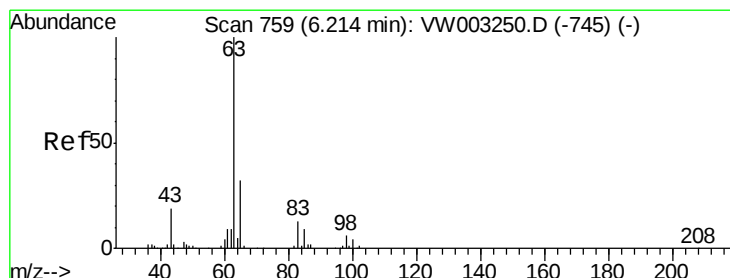
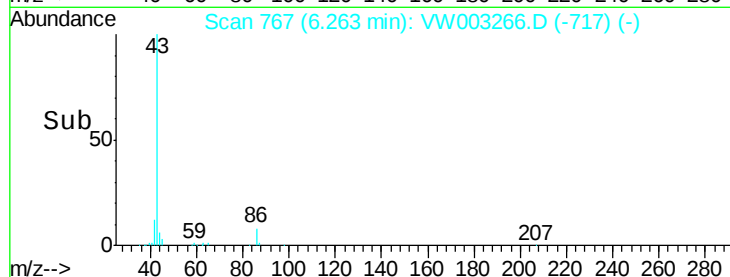
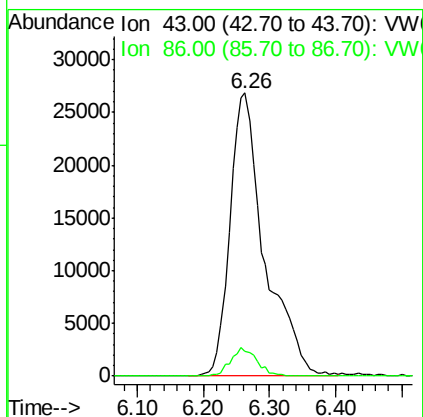
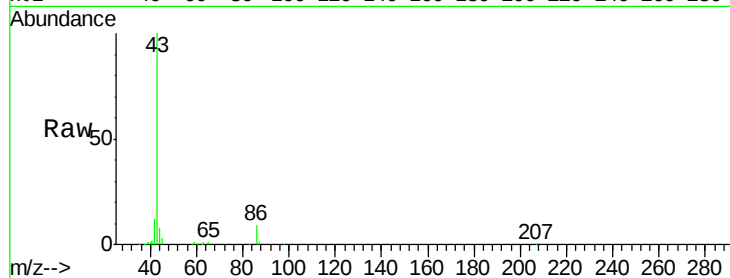
LOQ-SCM-Precision-Bias-1

Tgt Ion: 43 Resp: 97682

Ion Ratio Lower Upper

43 100

86 8.6 7.5 11.3



#24

1,1-Dichloroethane

Concen: 5.486 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

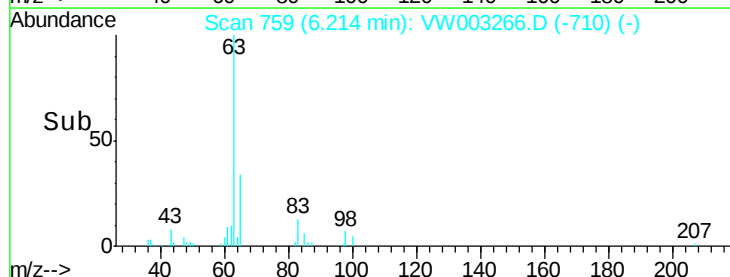
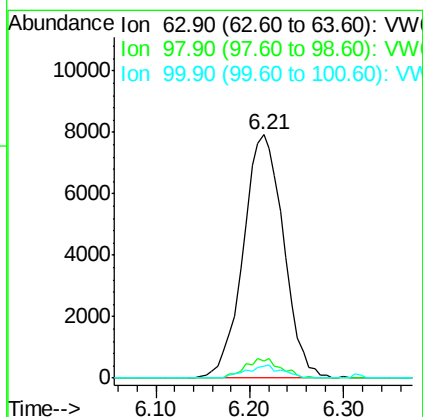
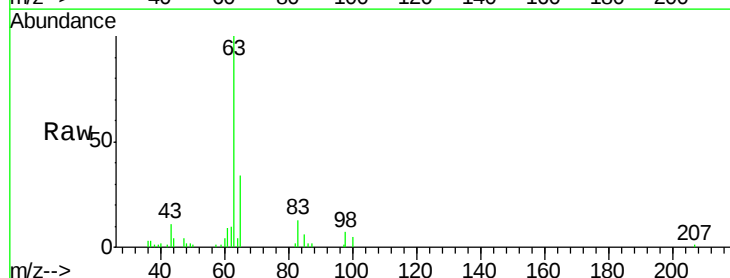
Tgt Ion: 63 Resp: 23754

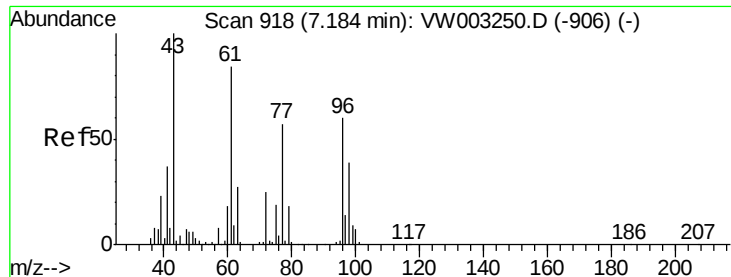
Ion Ratio Lower Upper

63 100

98 6.8 2.8 8.3

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 29.499 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

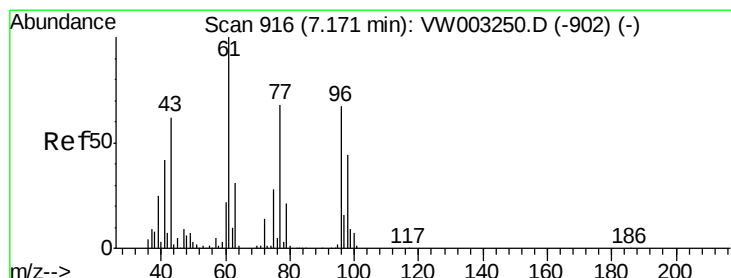
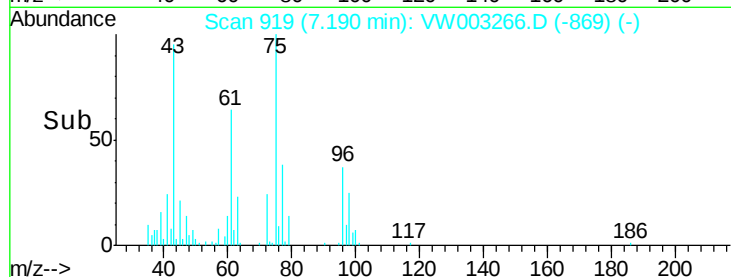
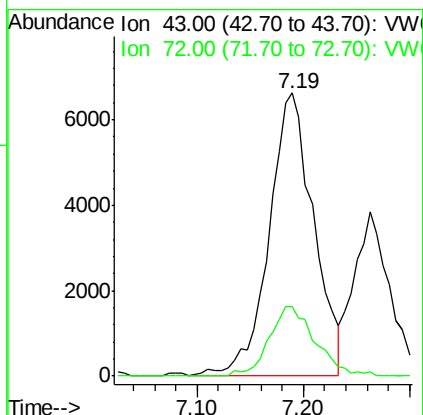
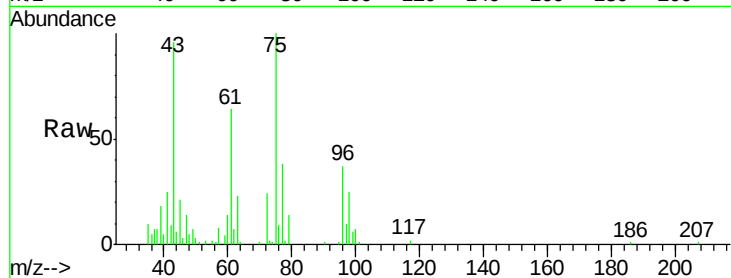
LOQ-SCM-Precision-Bias-1

Tgt Ion: 43 Resp: 19257

Ion Ratio Lower Upper

43 100

72 24.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.926 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003266.D

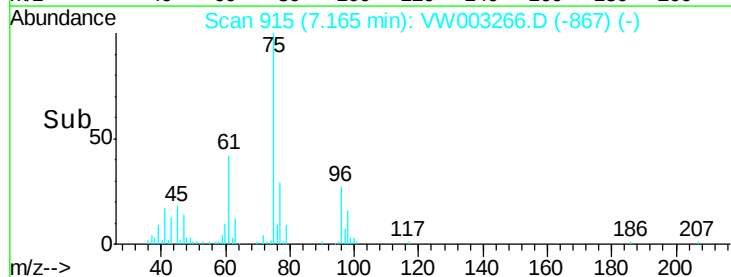
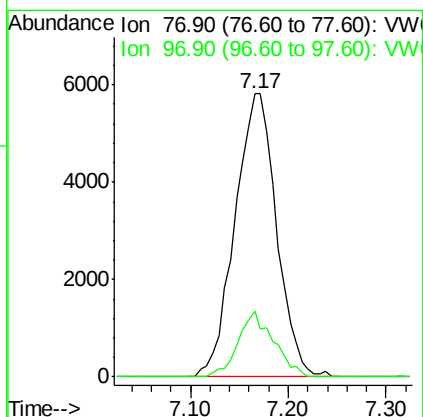
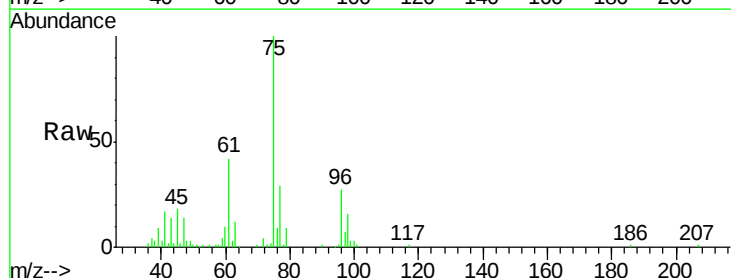
Acq: 14 Jun 2018 20:58

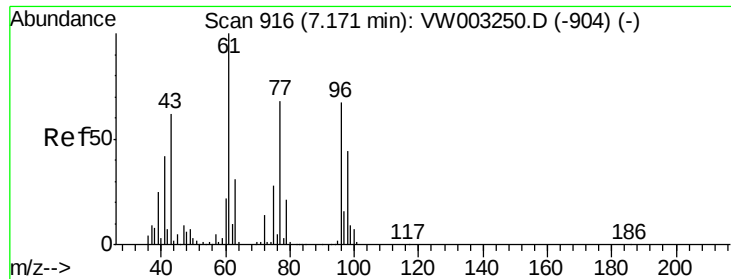
Tgt Ion: 77 Resp: 17123

Ion Ratio Lower Upper

77 100

97 19.8 11.3 33.9

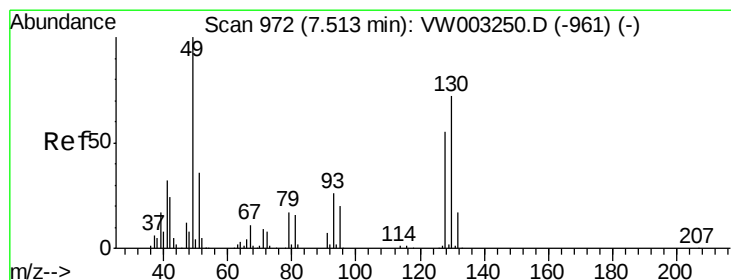
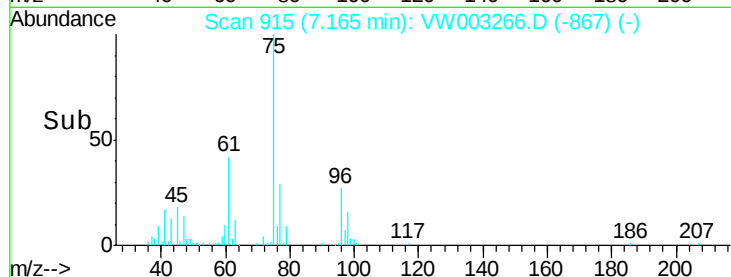
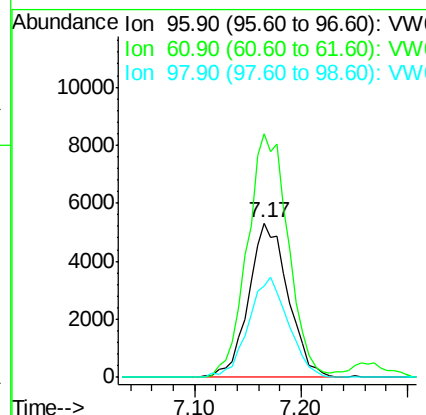
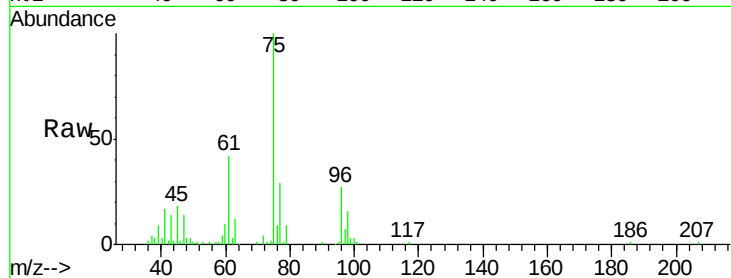




#27
 cis-1,2-Dichloroethene
 Concen: 5.512 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

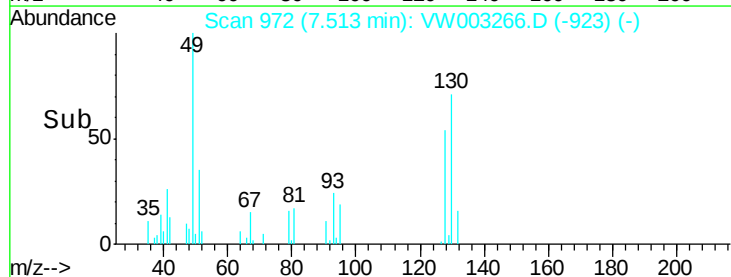
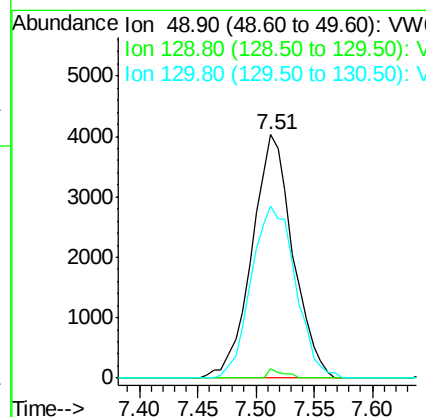
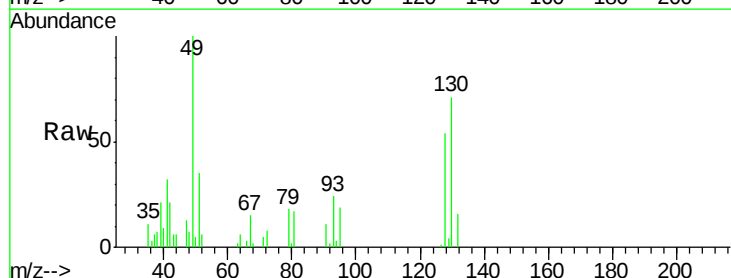
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

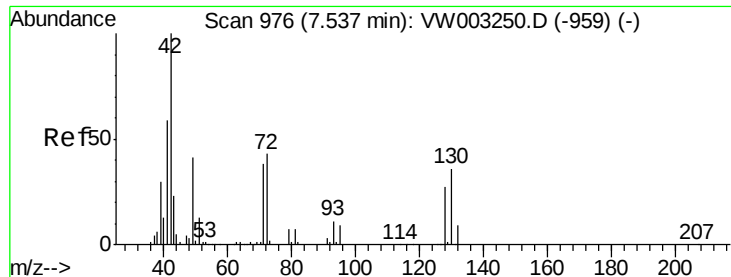
Tgt Ion: 96 Resp: 13787
 Ion Ratio Lower Upper
 96 100
 61 164.1 0.0 298.8
 98 65.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 5.467 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 49 Resp: 9849
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 76.5 59.4 89.2

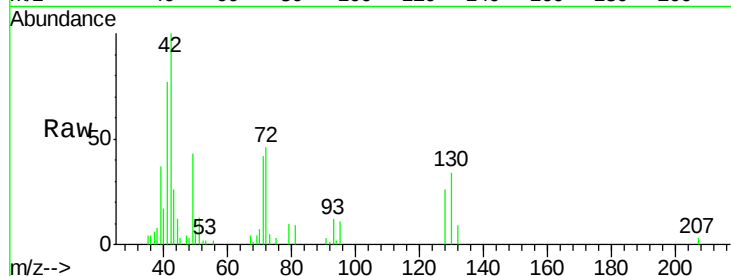




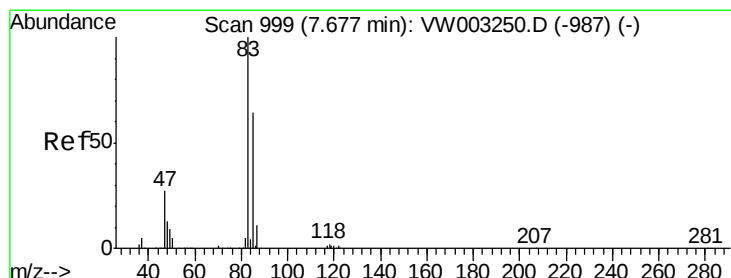
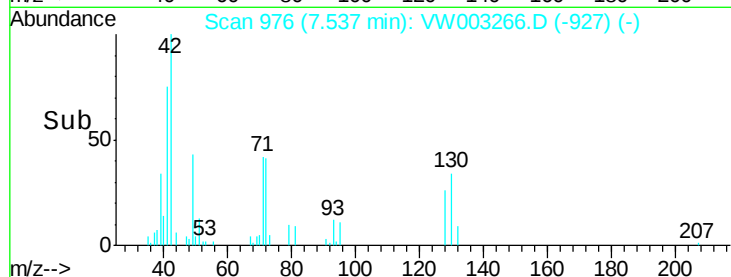
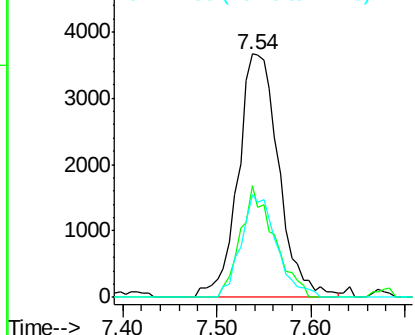
#29
Tetrahydrofuran
Concen: 27.731 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion: 42 Resp: 11064
Ion Ratio Lower Upper
42 100
72 37.7 32.4 48.6
71 36.9 31.2 46.8

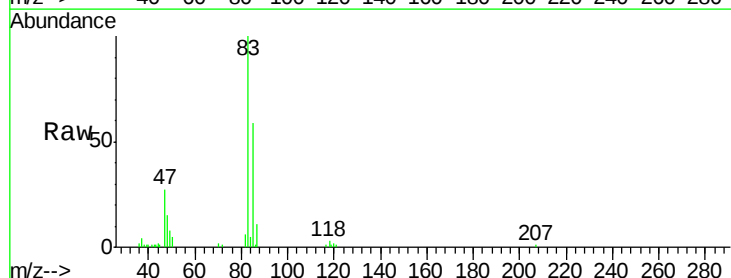


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

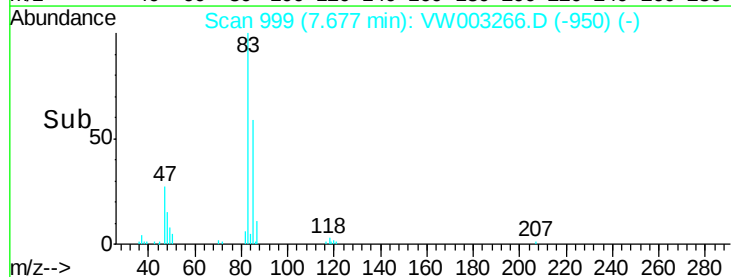
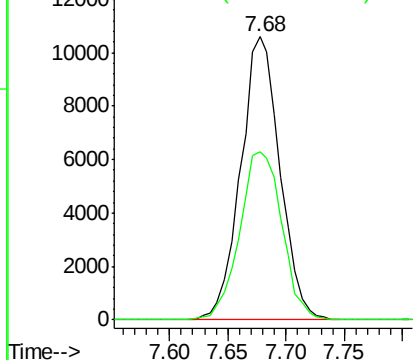


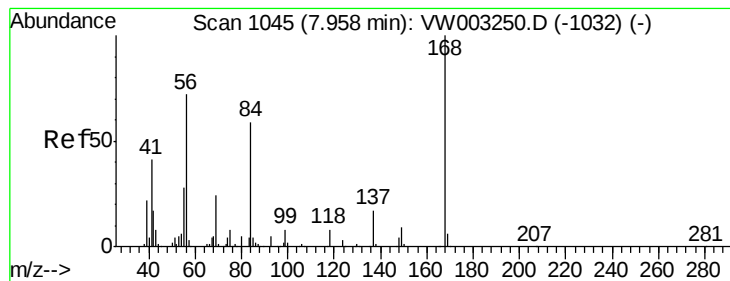
#30
Chloroform
Concen: 5.644 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 83 Resp: 24896
Ion Ratio Lower Upper
83 100
85 59.5 51.3 76.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 6.264 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

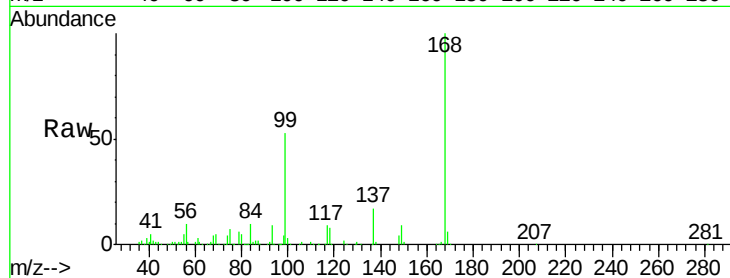
Tgt Ion: 56 Resp: 25338

Ion Ratio Lower Upper

56 100

69 57.0 26.3 39.5#

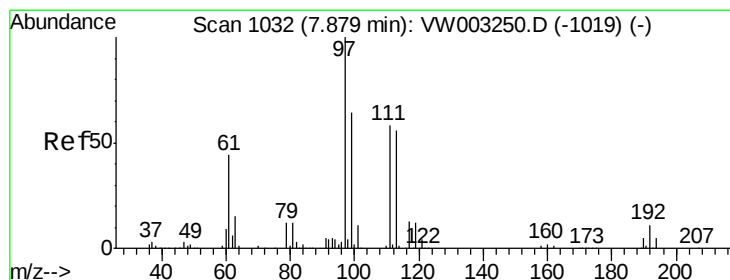
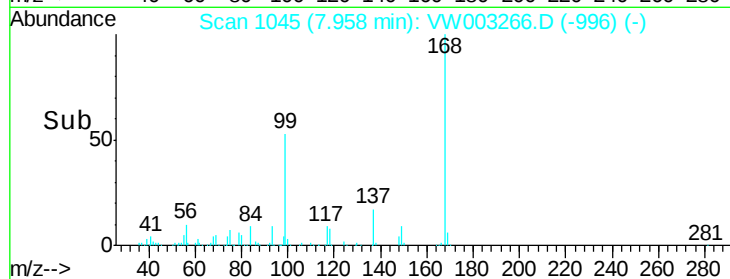
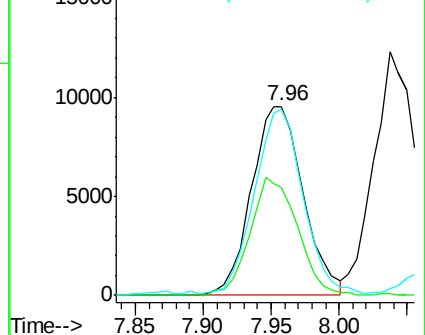
84 97.0 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 5.485 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

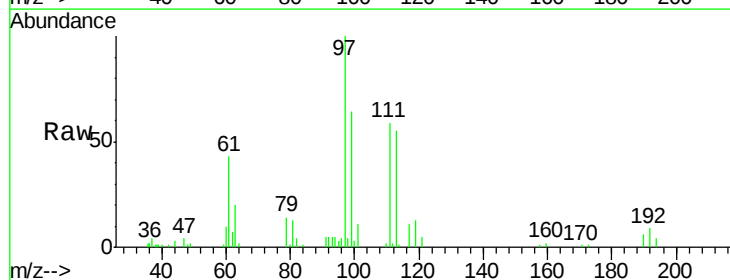
Tgt Ion: 97 Resp: 19969

Ion Ratio Lower Upper

97 100

99 62.8 51.7 77.5

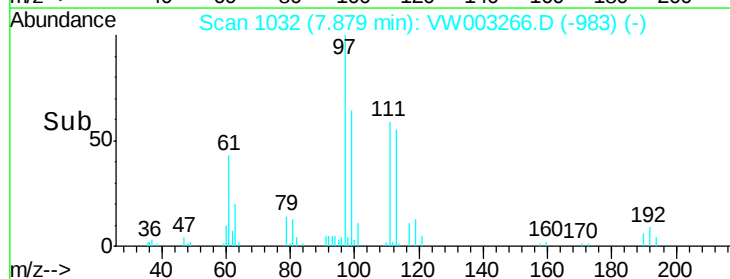
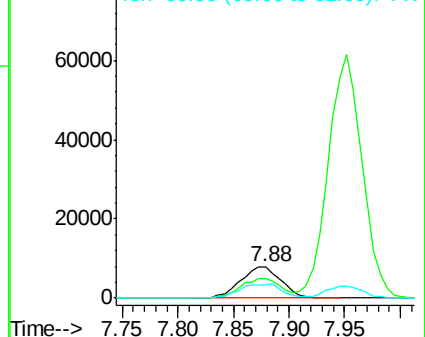
61 46.6 37.6 56.4

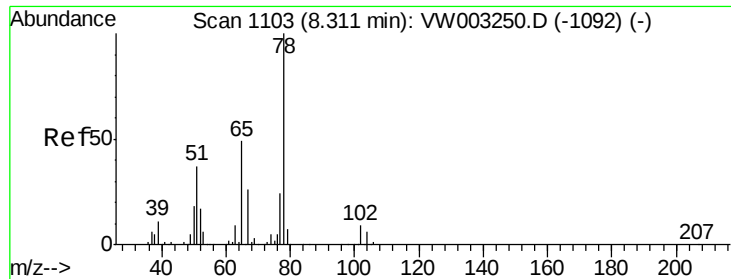


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 5.448 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

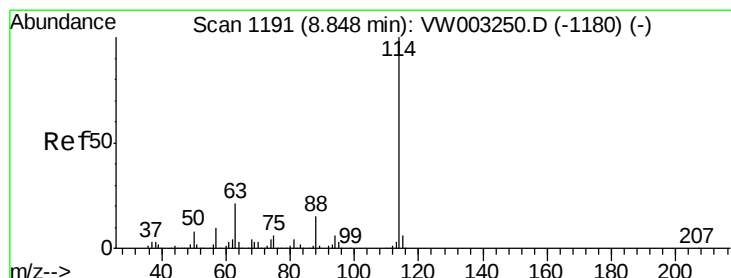
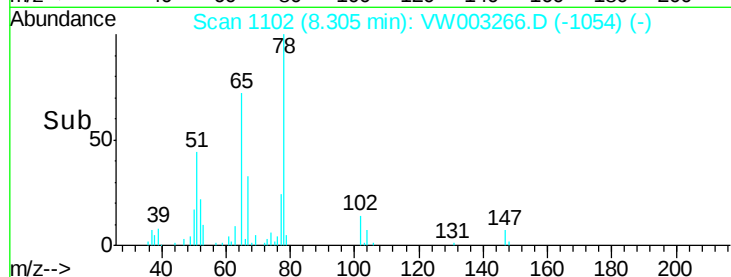
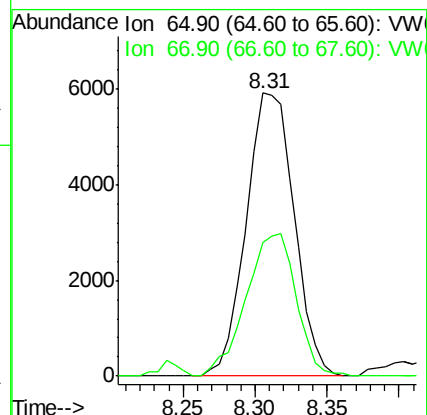
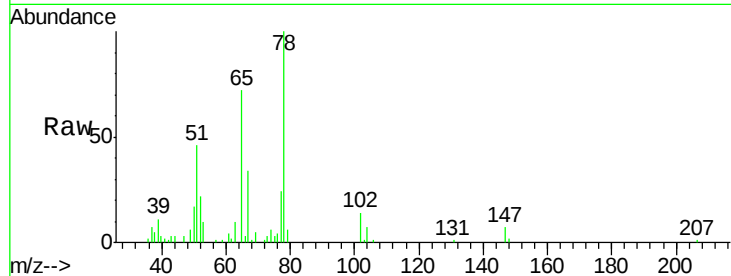
LOQ-SCM-Precision-Bias-1

Tgt Ion: 65 Resp: 13638

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

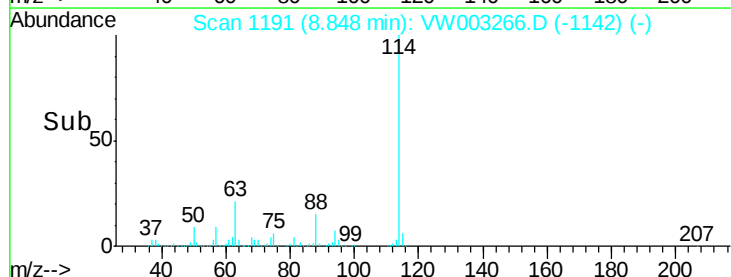
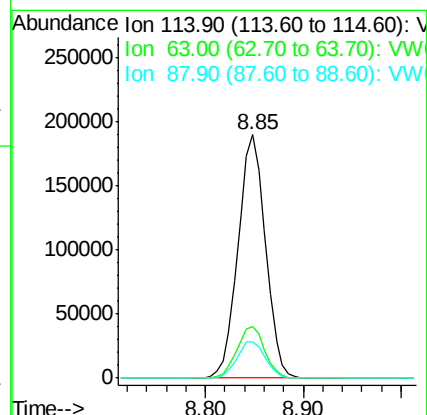
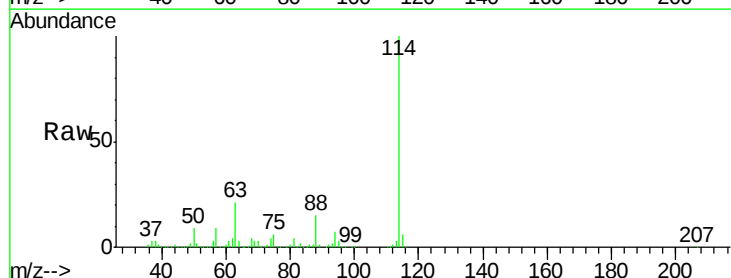
Tgt Ion: 114 Resp: 369073

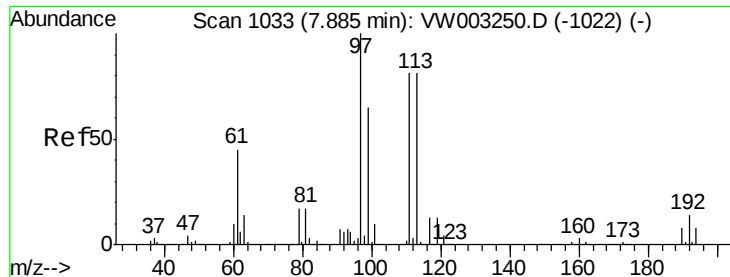
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 15.0 0.0 29.6

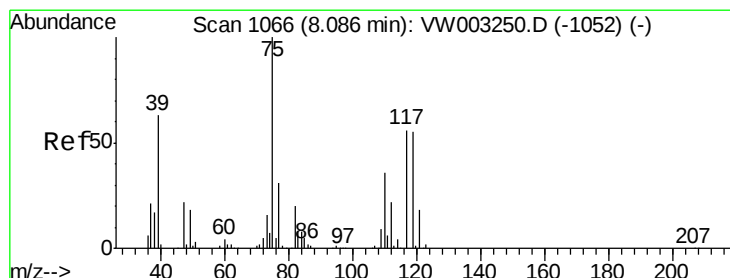
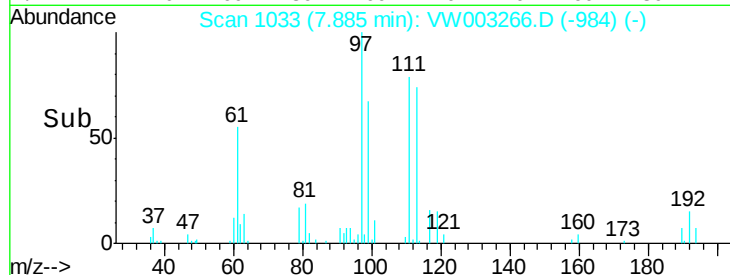
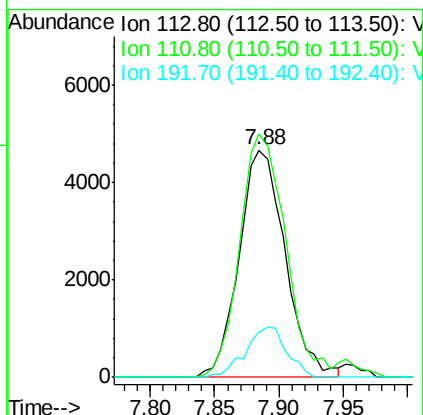
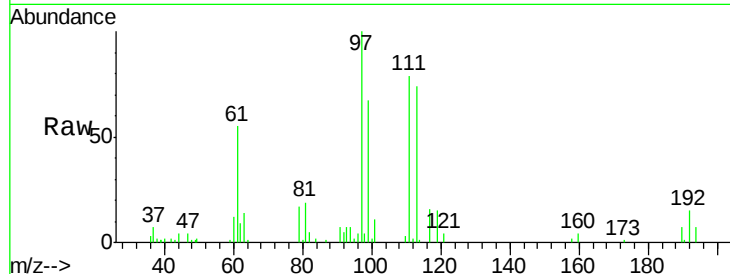




#35
 Dibromofluoromethane
 Concen: 5.044 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

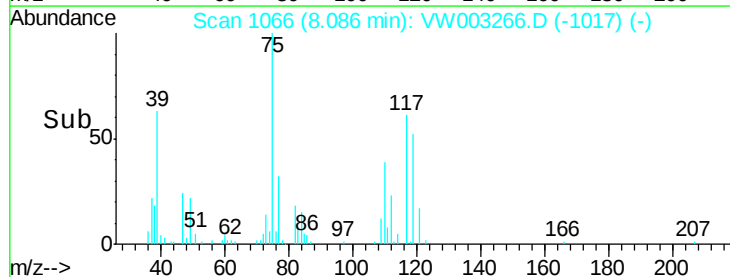
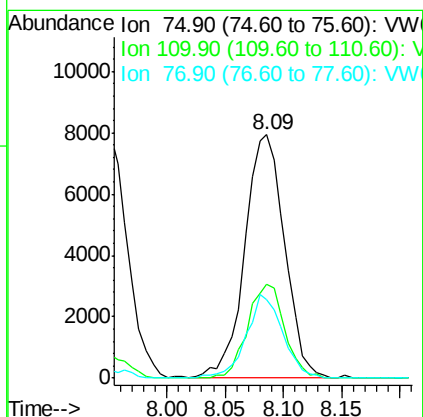
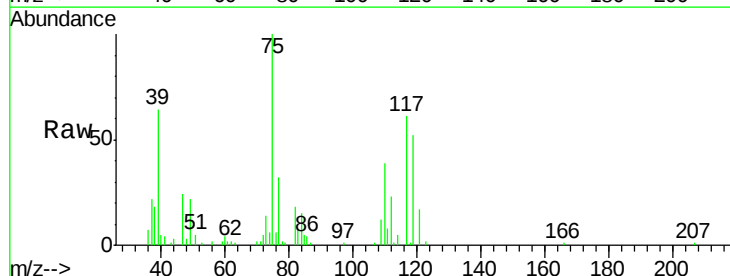
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

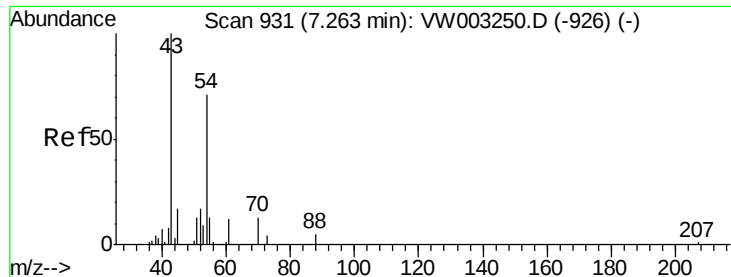
Tgt Ion: 113 Resp: 11568
 Ion Ratio Lower Upper
 113 100
 111 106.0 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 5.295 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 75 Resp: 18874
 Ion Ratio Lower Upper
 75 100
 110 35.8 17.1 51.3
 77 31.4 24.9 37.3

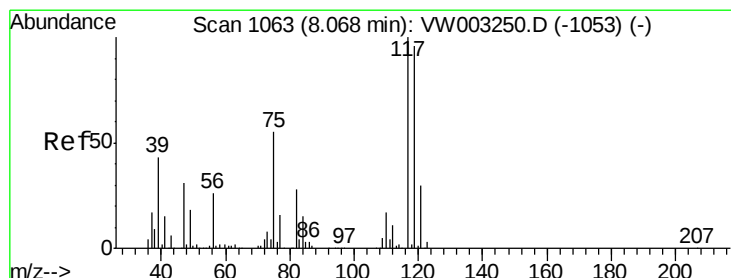
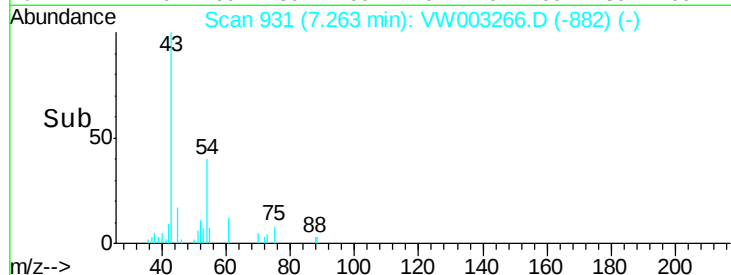
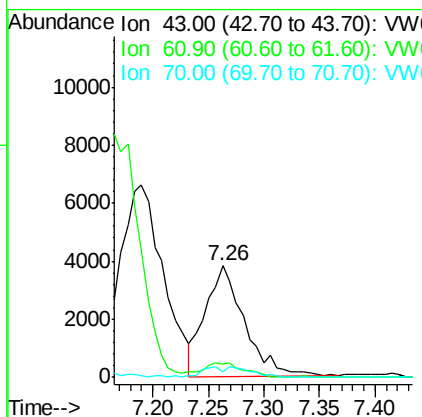
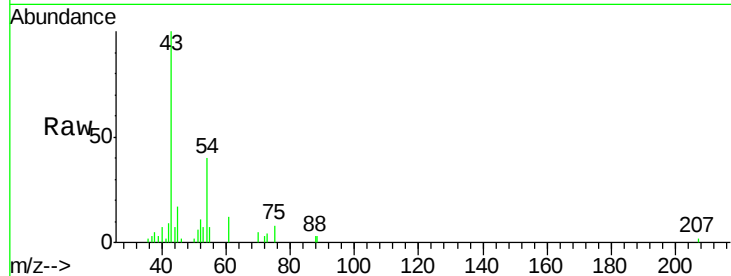




#37
 Ethyl Acetate
 Concen: 6.317 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

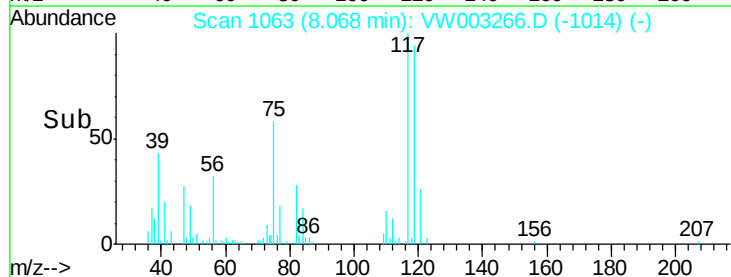
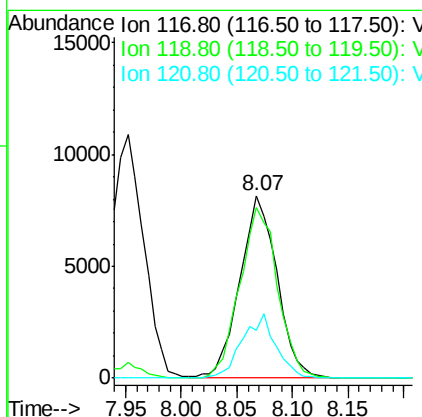
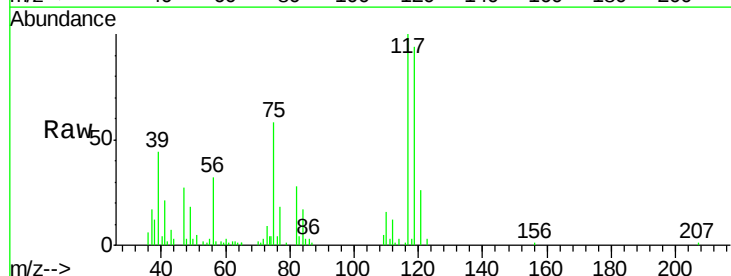
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

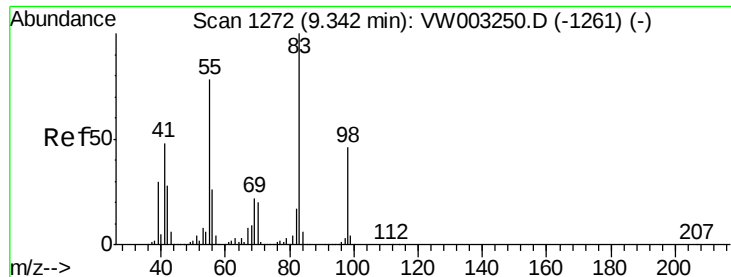
Tgt Ion: 43 Resp: 9328
 Ion Ratio Lower Upper
 43 100
 61 13.8 10.8 16.2
 70 5.2 7.8 11.6#



#38
 Carbon Tetrachloride
 Concen: 5.436 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 117 Resp: 19006
 Ion Ratio Lower Upper
 117 100
 119 93.7 76.6 115.0
 121 26.4 23.9 35.9

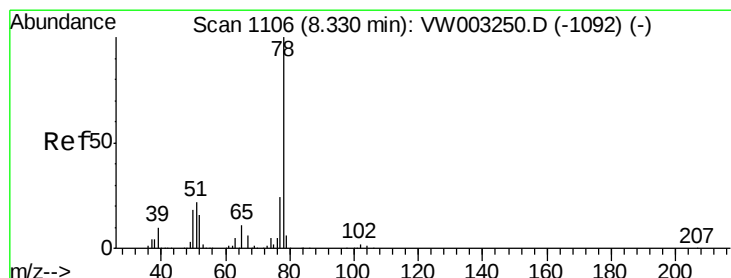
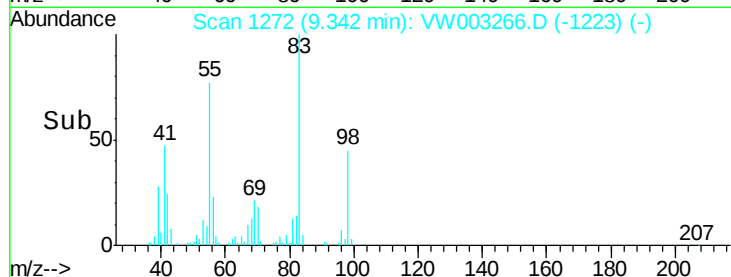
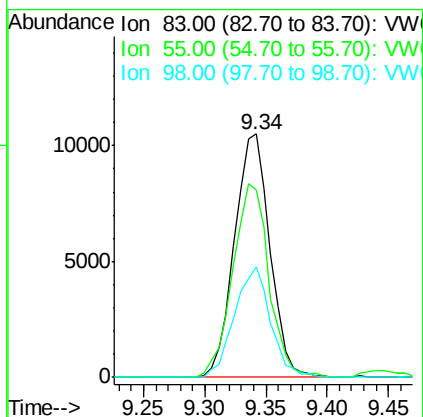
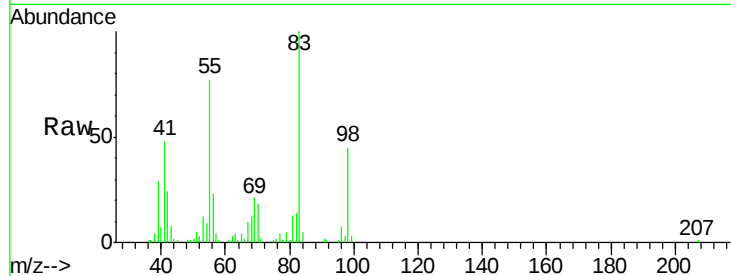




#39
Methylcyclohexane
Concen: 5.122 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

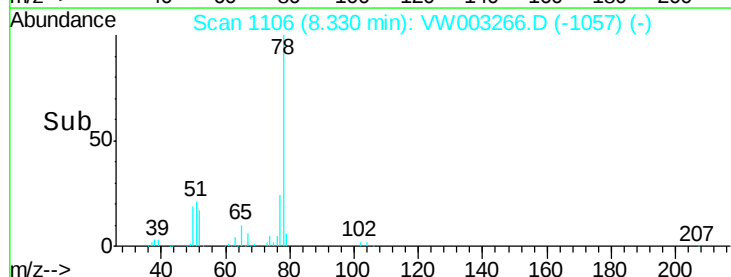
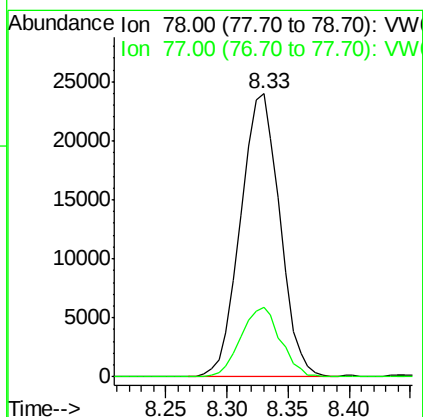
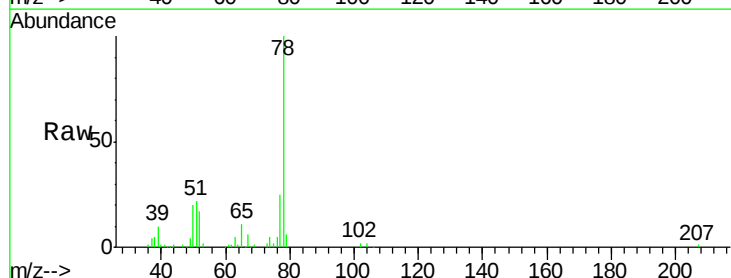
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

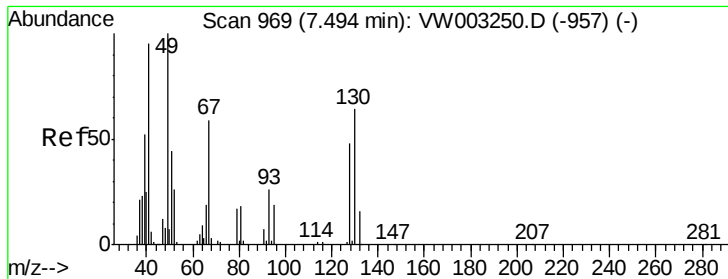
Tgt Ion: 83 Resp: 21123
Ion Ratio Lower Upper
83 100
55 76.7 62.6 93.8
98 45.3 37.0 55.4



#40
Benzene
Concen: 5.457 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 78 Resp: 53611
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

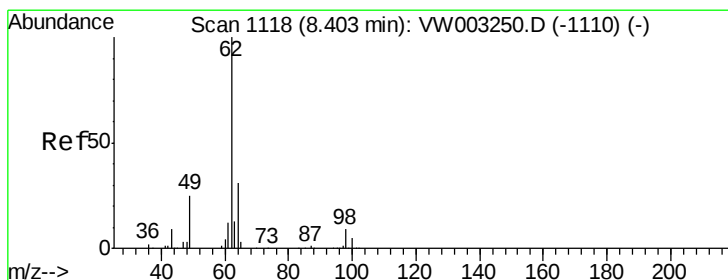
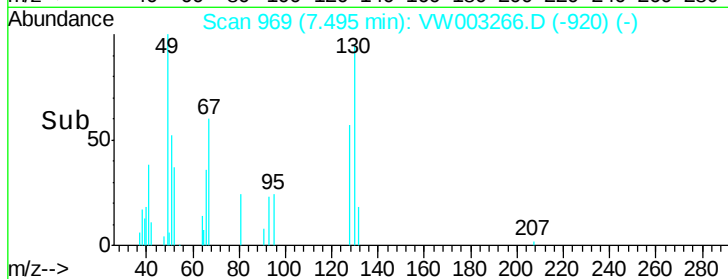
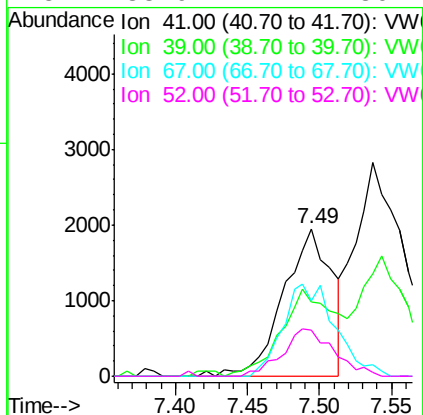
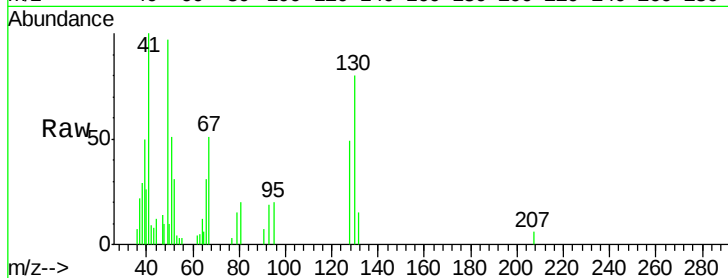




#41
Methacrylonitrile
Concen: 5.037 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

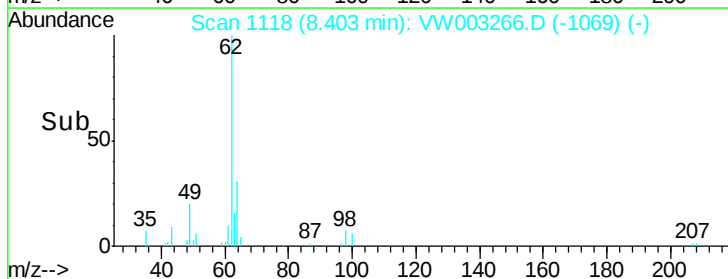
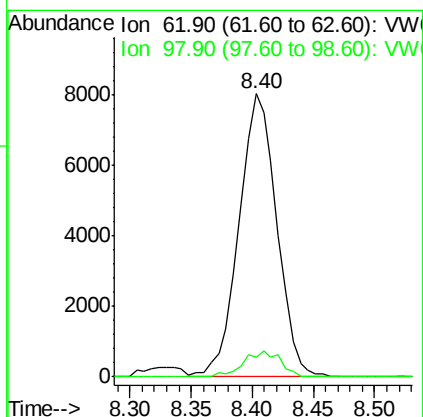
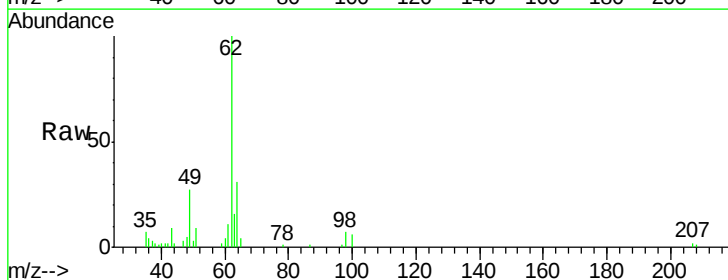
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

Tgt Ion:	41	Resp:	4564
Ion	Ratio	Lower	Upper
41	100		
39	67.0	45.8	68.8
67	67.8	52.3	78.5
52	33.9	24.1	36.1



#42
1,2-Dichloroethane
Concen: 5.590 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion:	62	Resp:	17207
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.316 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

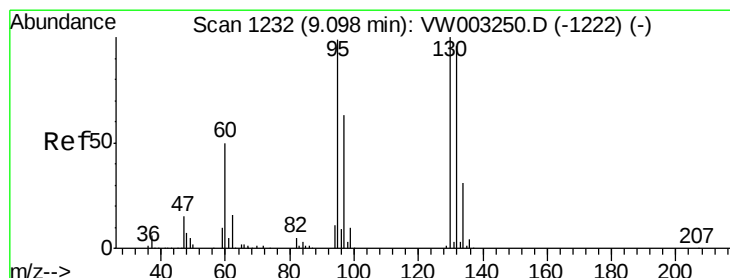
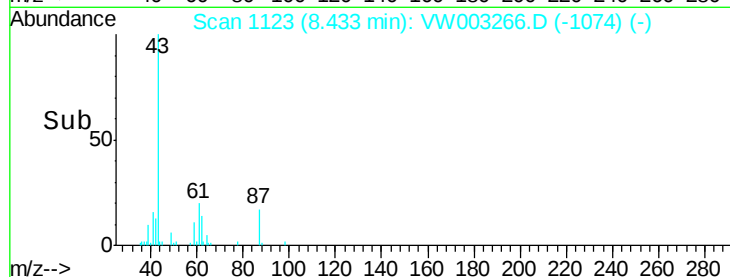
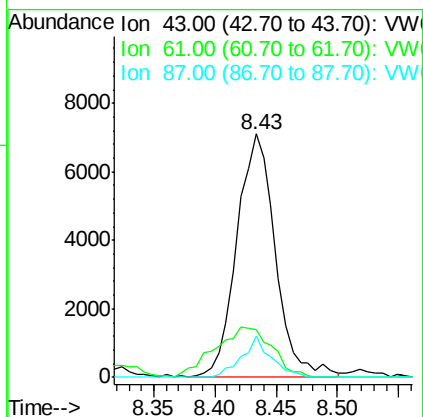
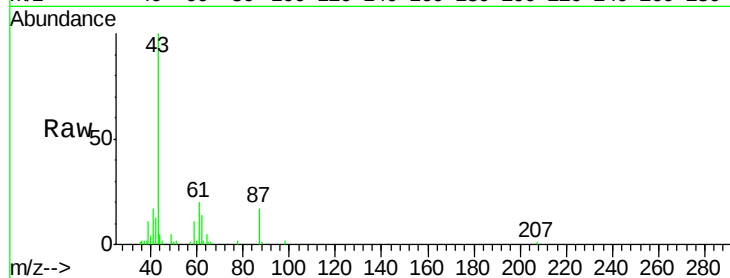
Tgt Ion: 43 Resp: 15585

Ion Ratio Lower Upper

43 100

61 30.5 23.1 34.7

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 5.465 ug/l

RT: 9.10 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VW003266.D

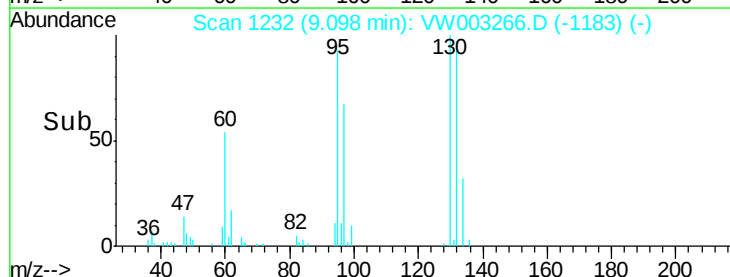
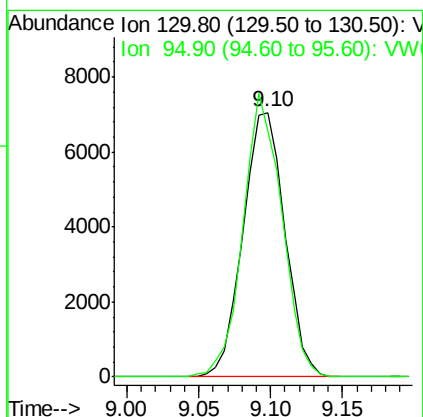
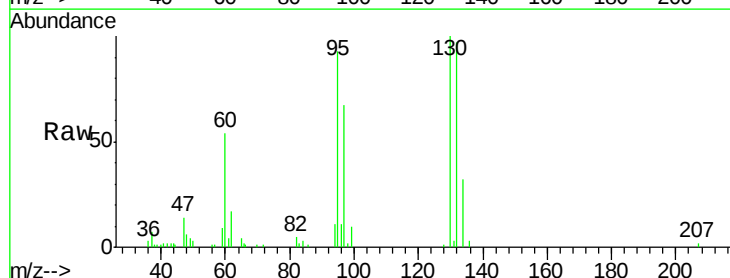
Acq: 14 Jun 2018 20:58

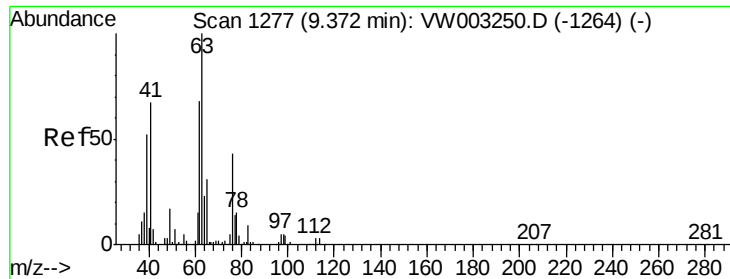
Tgt Ion: 130 Resp: 14228

Ion Ratio Lower Upper

130 100

95 93.1 0.0 198.0





#45

1,2-Dichloropropane

Concen: 5.481 ug/l

RT: 9.38 min Scan# 1278

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

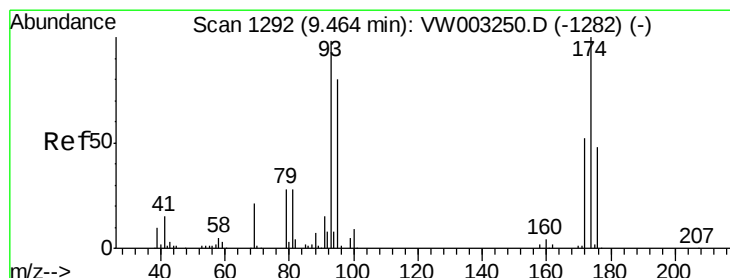
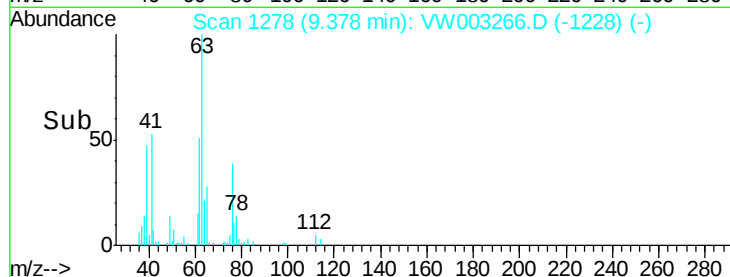
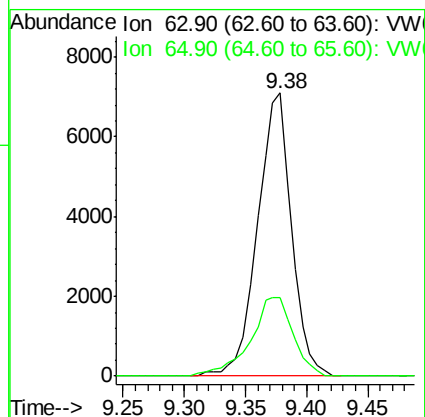
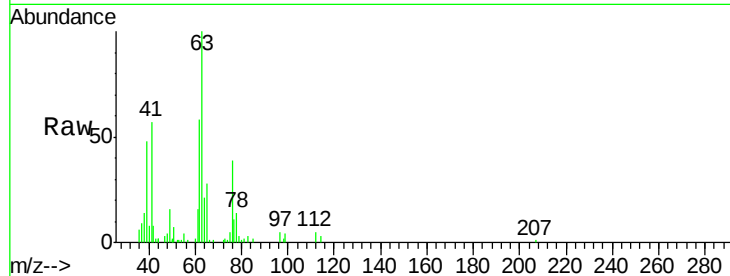
LOQ-SCM-Precision-Bias-1

Tgt Ion: 63 Resp: 13710

Ion Ratio Lower Upper

63 100

65 27.7 25.1 37.7



#46

Dibromomethane

Concen: 5.506 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

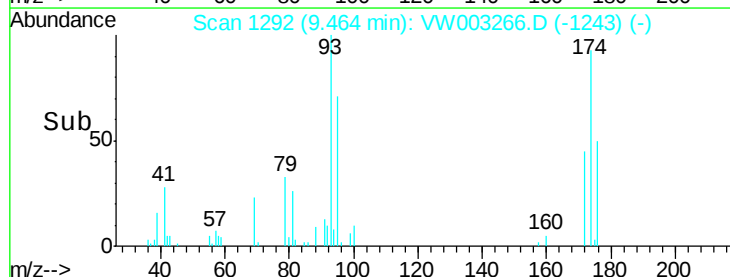
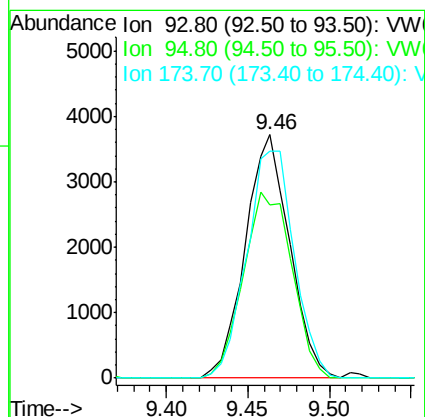
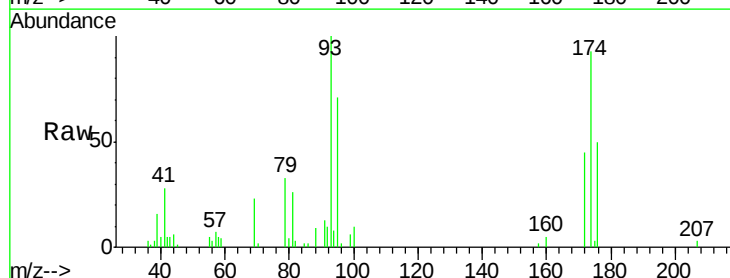
Tgt Ion: 93 Resp: 7052

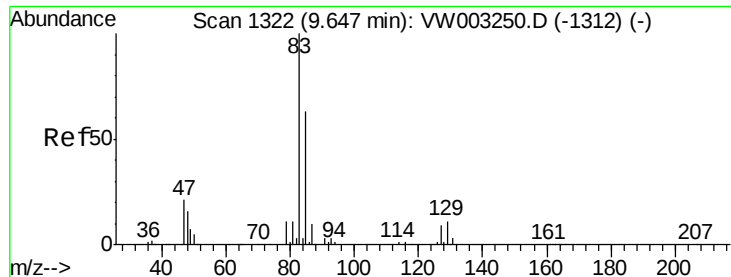
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 100.0 81.4 122.0





#47

Bromodichloromethane

Concen: 5.195 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

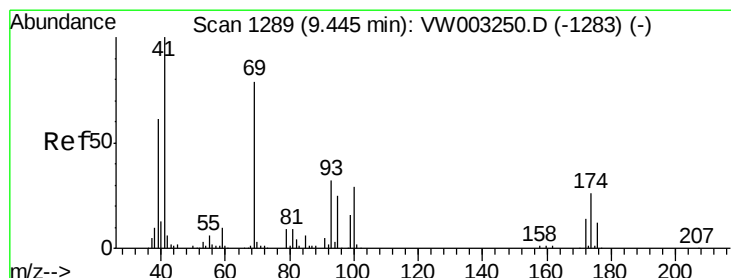
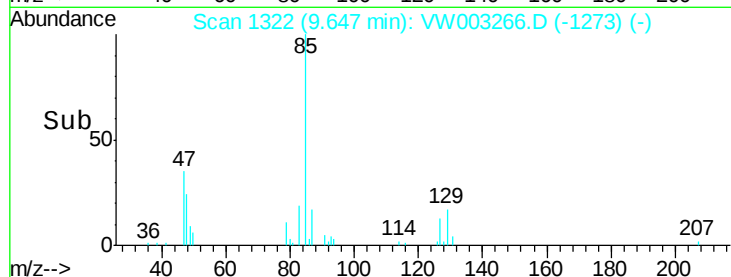
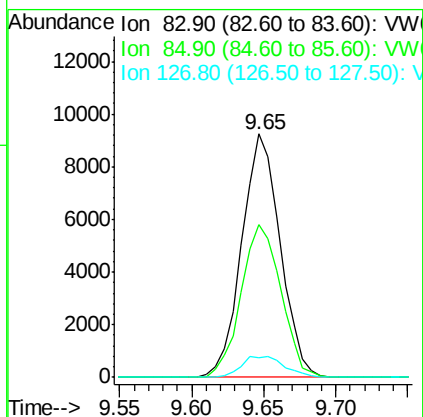
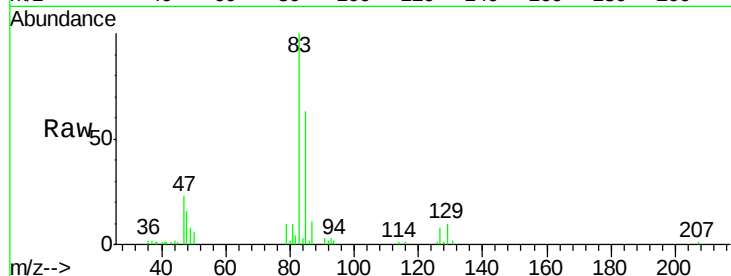
Tgt Ion: 83 Resp: 17054

Ion Ratio Lower Upper

83 100

85 63.0 50.6 75.8

127 8.2 6.8 10.2



#48

Methyl methacrylate

Concen: 4.887 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

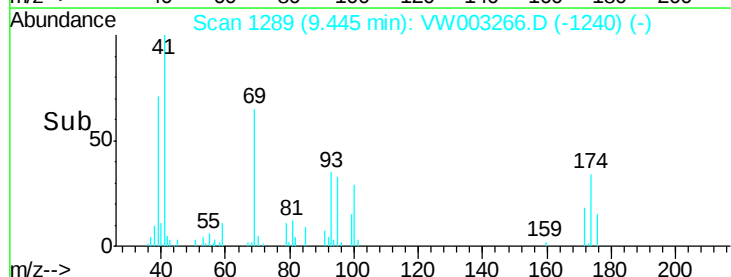
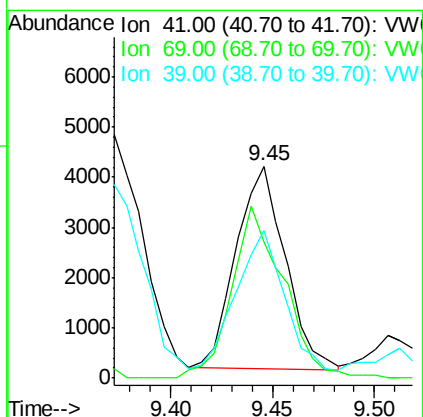
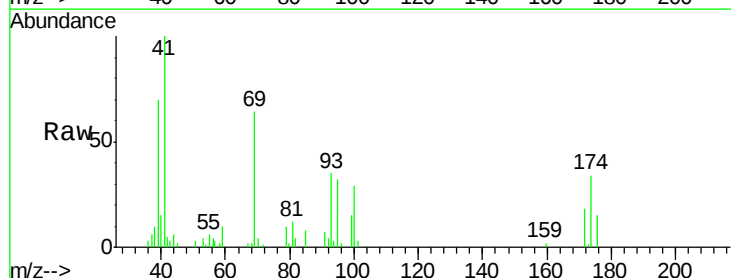
Tgt Ion: 41 Resp: 6734

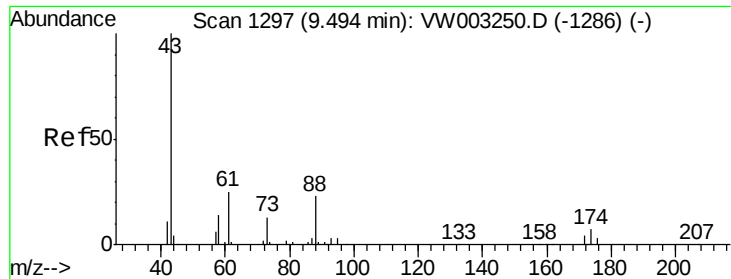
Ion Ratio Lower Upper

41 100

69 89.1 65.4 98.2

39 74.9 54.2 81.2

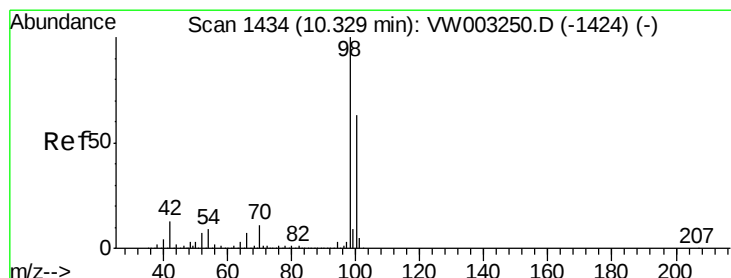
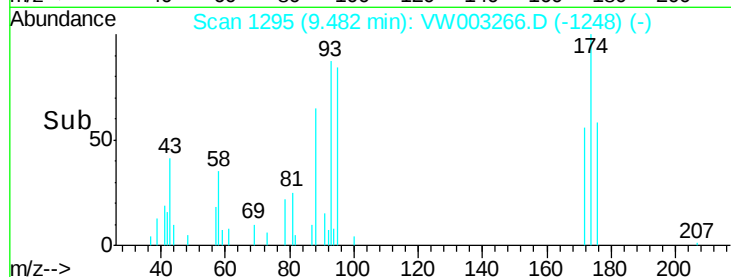
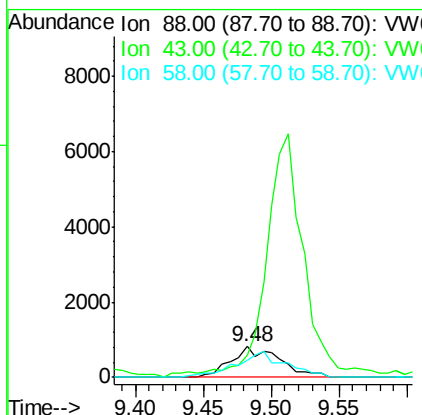
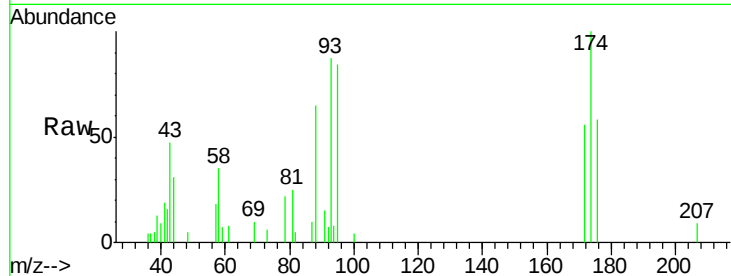




#49
1,4-Dioxane
Concen: 106.633 ug/l
RT: 9.48 min Scan# 1295
Delta R.T. -0.01 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

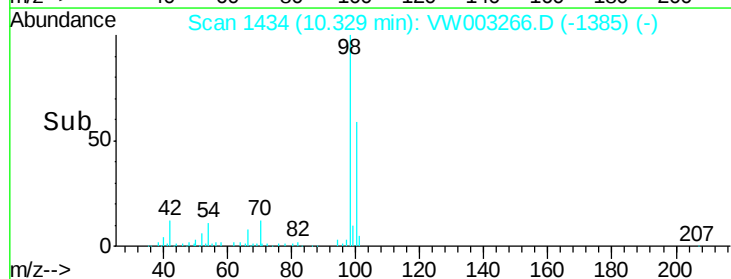
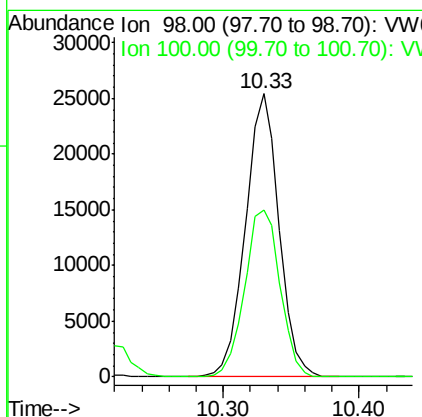
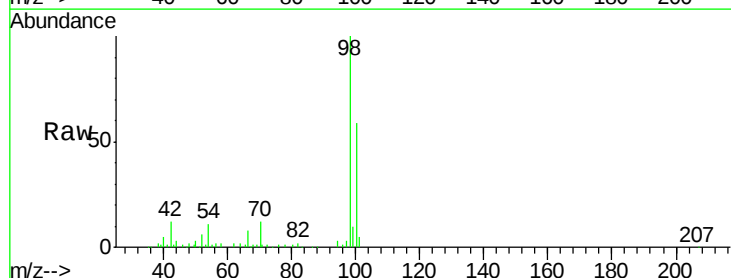
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

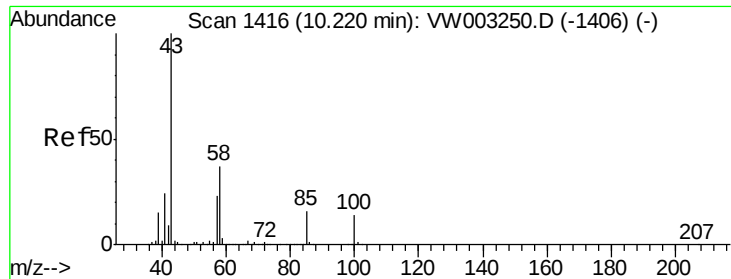
Tgt Ion: 88 Resp: 2062
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 83.6 58.6 88.0



#50
Toluene-d8
Concen: 4.813 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 98 Resp: 43764
Ion Ratio Lower Upper
98 100
100 62.3 50.8 76.2

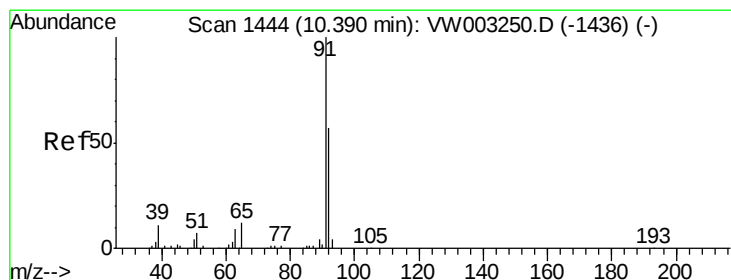
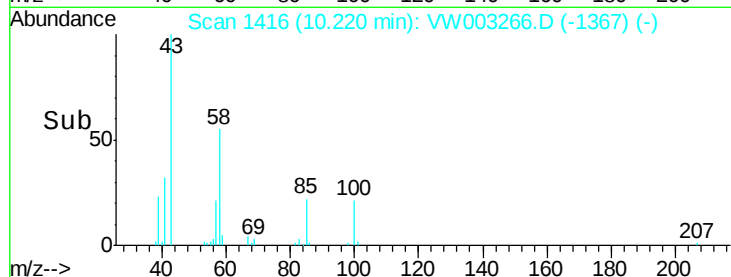
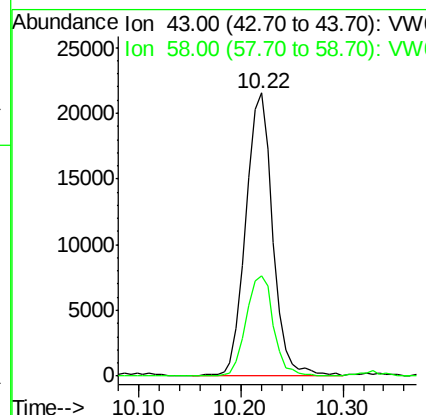
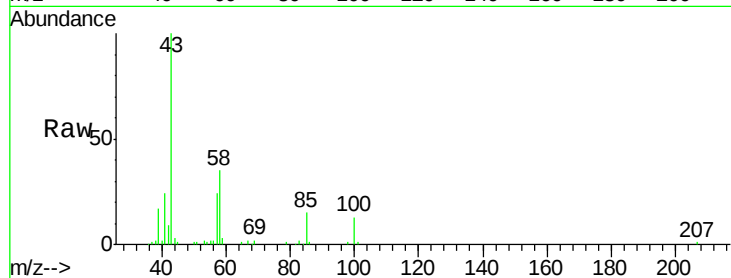




#51
 4-Methyl-2-Pentanone
 Concen: 26.530 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

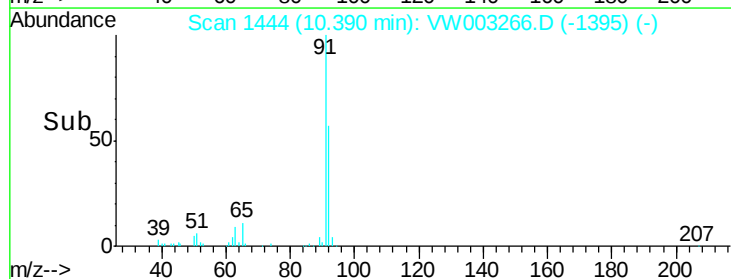
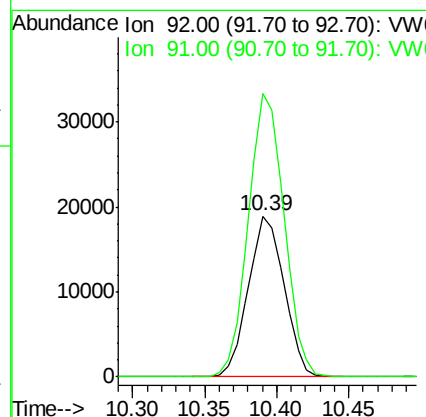
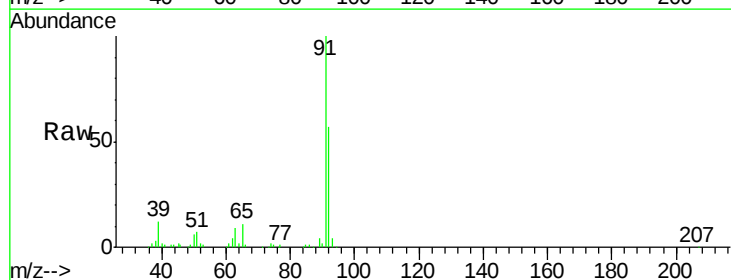
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

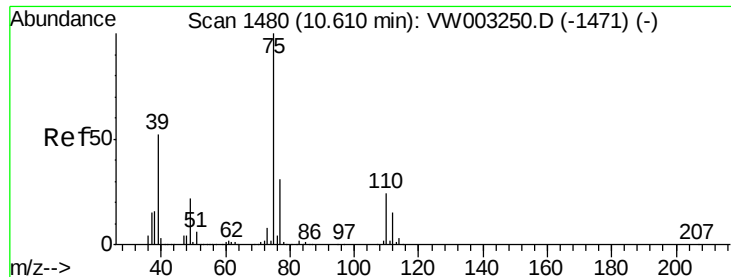
Tgt Ion: 43 Resp: 39636
 Ion Ratio Lower Upper
 43 100
 58 36.0 29.0 43.4



#52
 Toluene
 Concen: 5.166 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 92 Resp: 32544
 Ion Ratio Lower Upper
 92 100
 91 176.0 141.1 211.7

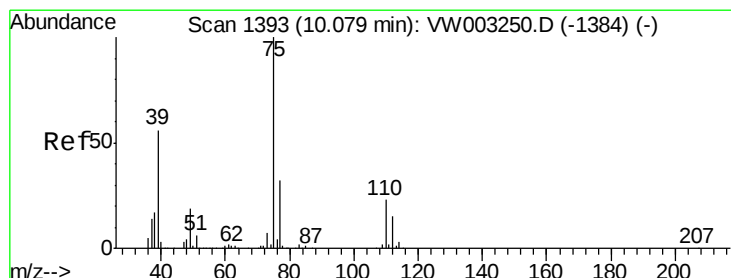
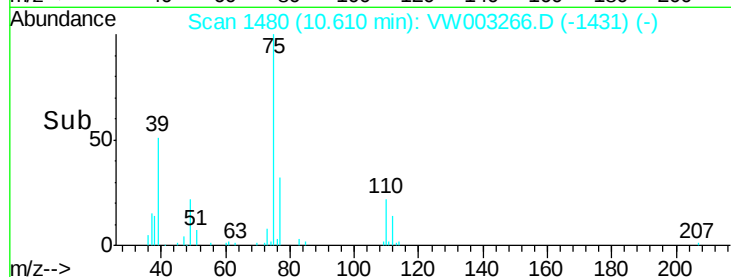
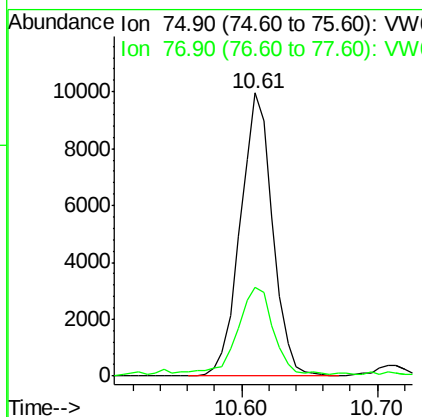
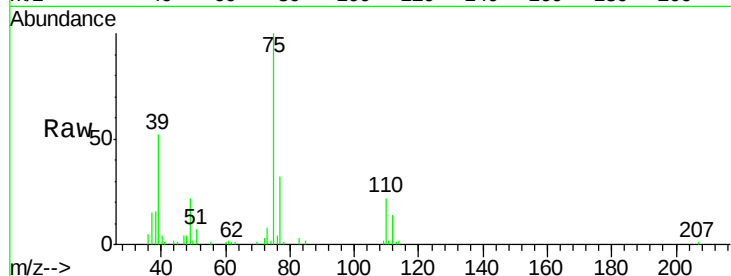




#53
t-1,3-Dichloropropene
Concen: 4.900 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

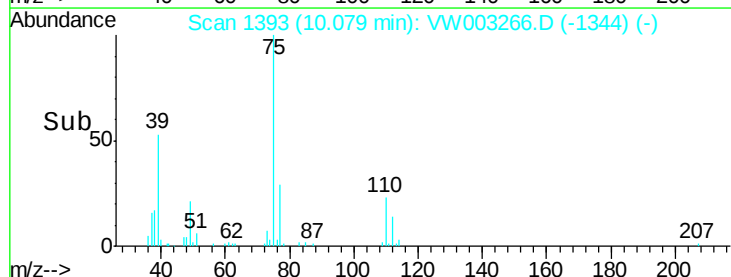
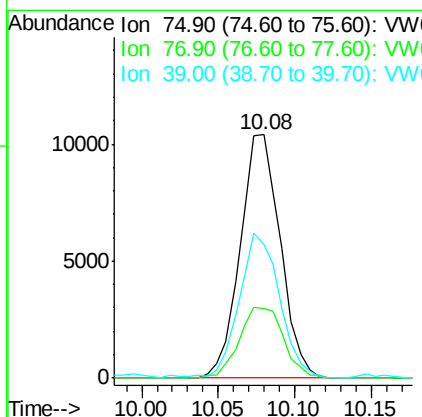
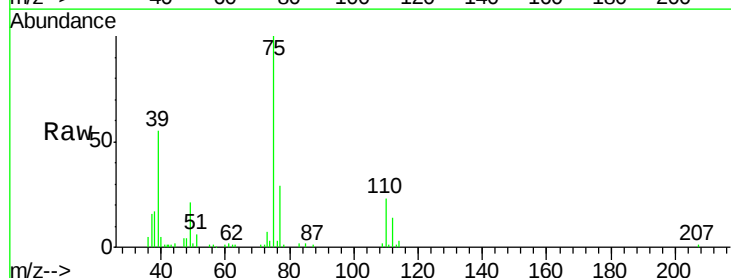
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

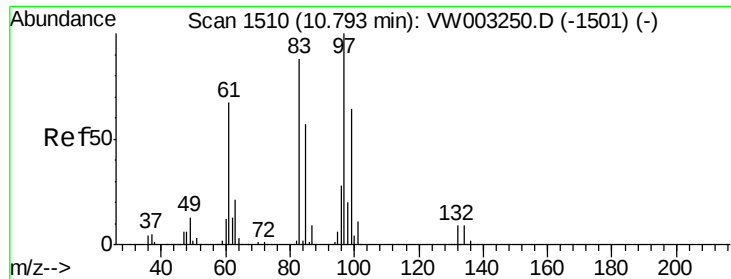
Tgt Ion: 75 Resp: 16433
Ion Ratio Lower Upper
75 100
77 30.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.967 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 75 Resp: 18959
Ion Ratio Lower Upper
75 100
77 28.8 25.8 38.6
39 54.4 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 5.368 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion: 97 Resp: 9687

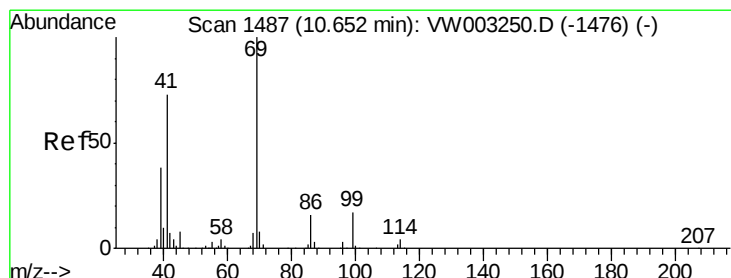
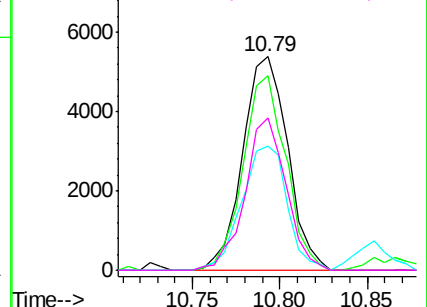
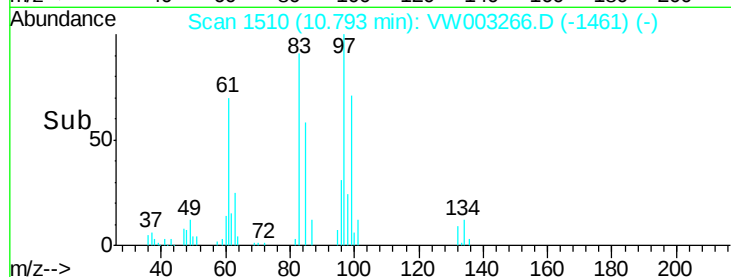
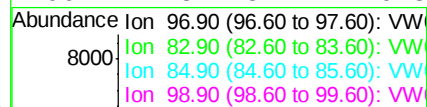
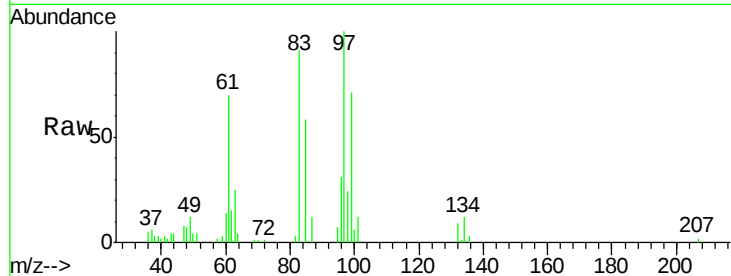
Ion	Ratio	Lower	Upper
97	100		
83	90.8	70.2	105.2
85	58.3	45.6	68.4
99	71.3	51.2	76.8

97 100

83 90.8 70.2 105.2

85 58.3 45.6 68.4

99 71.3 51.2 76.8



#56

Ethyl methacrylate

Concen: 4.804 ug/l

RT: 10.65 min Scan# 1486

Delta R.T. -0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

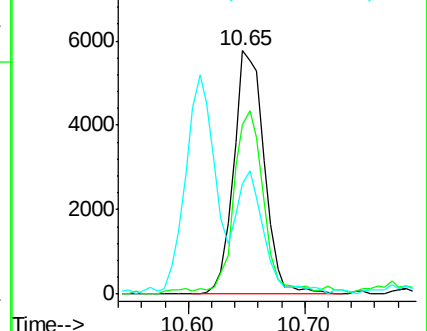
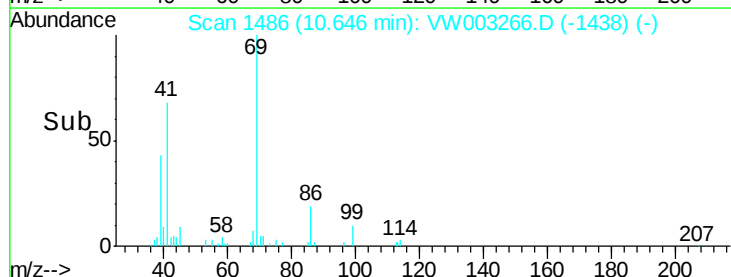
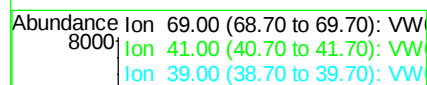
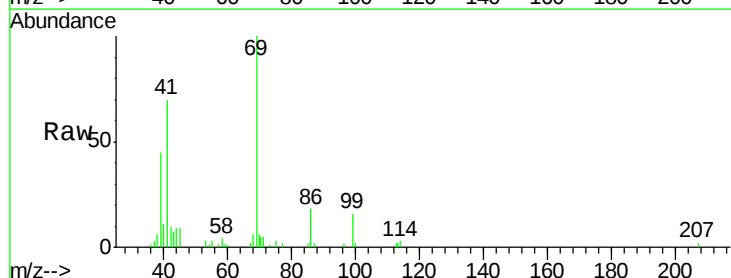
Tgt Ion: 69 Resp: 10529

Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.8	86.6
39	45.7	32.7	49.1

69 100

41 69.5 57.8 86.6

39 45.7 32.7 49.1

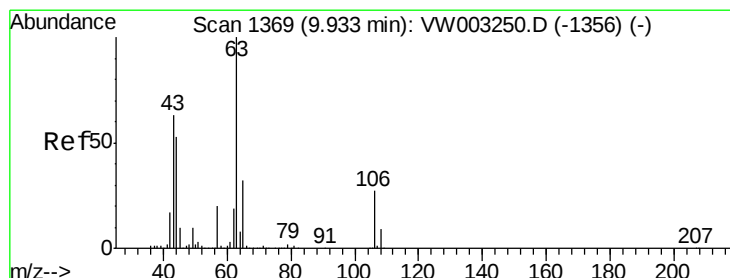
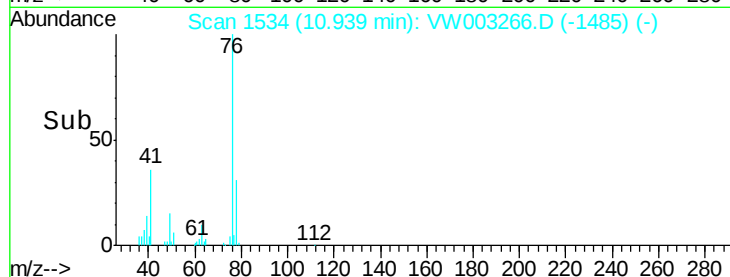
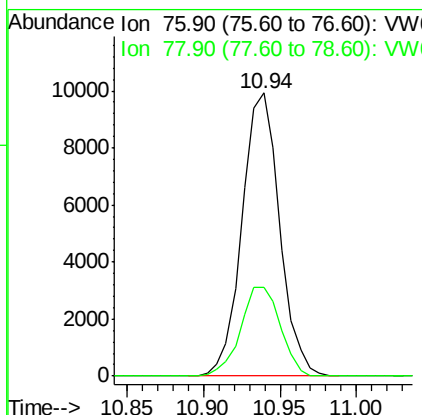
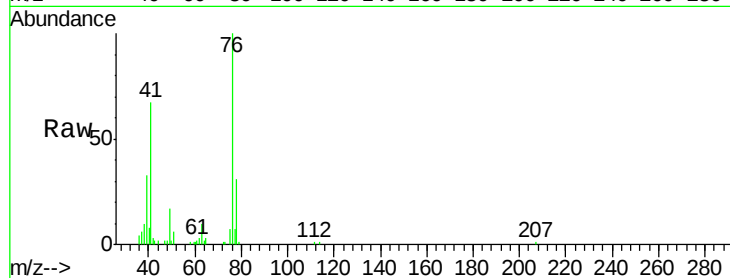




#57
 1,3-Dichloropropane
 Concen: 5.447 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

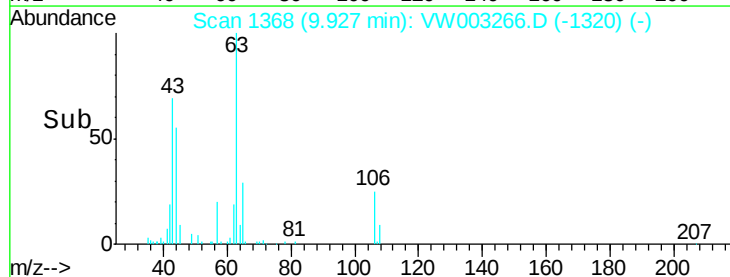
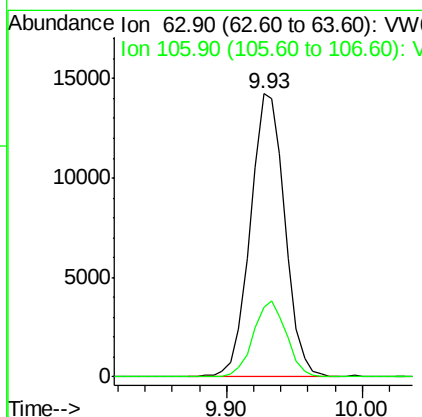
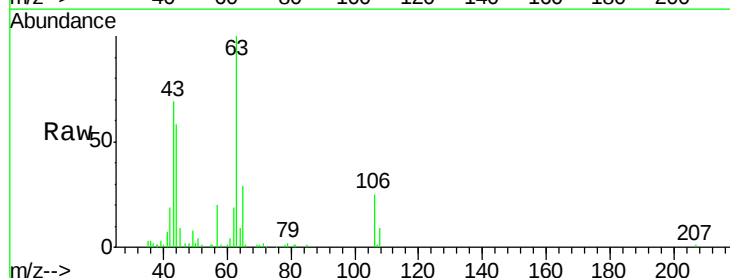
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

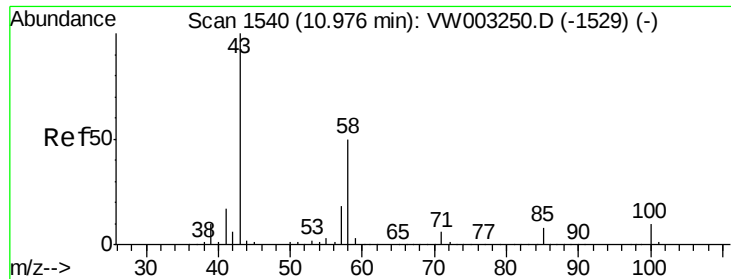
Tgt Ion: 76 Resp: 16955
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.760 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 63 Resp: 25307
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.8 32.8

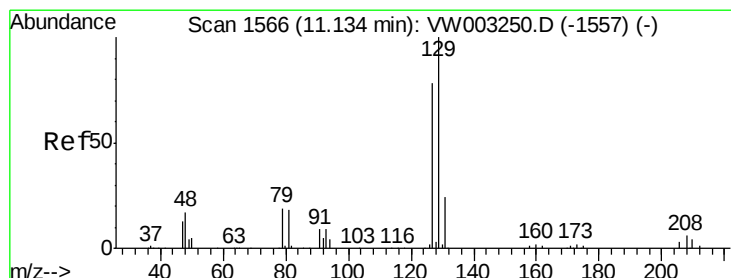
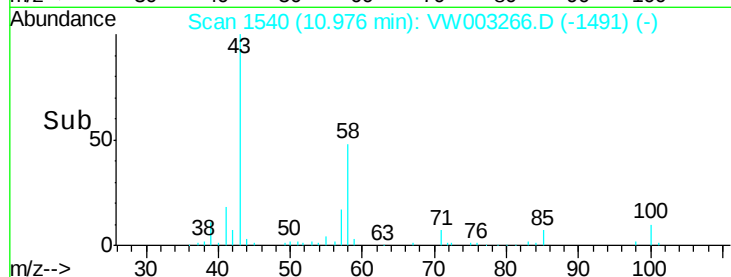
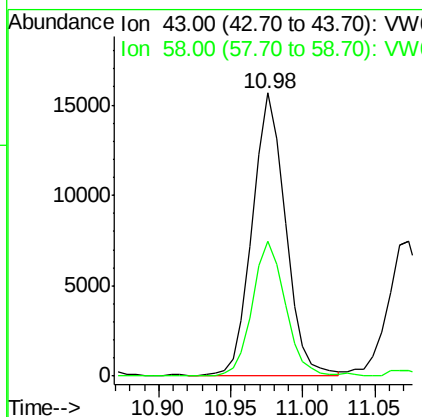
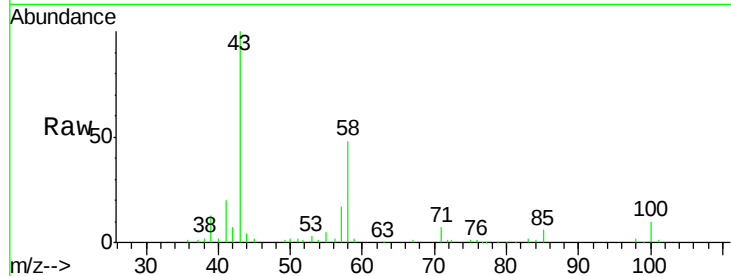




#59
2-Hexanone
Concen: 24.013 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

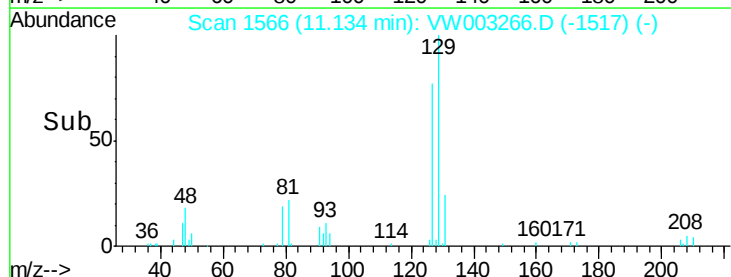
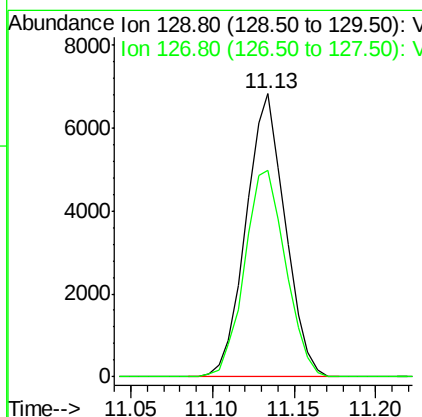
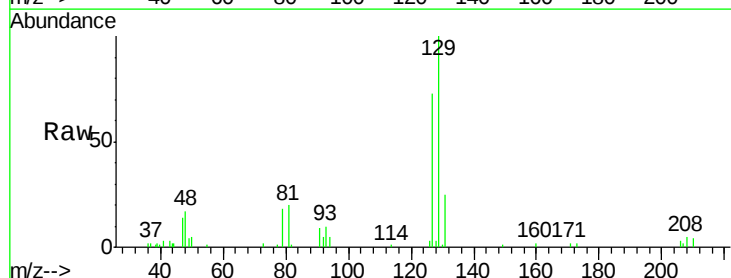
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

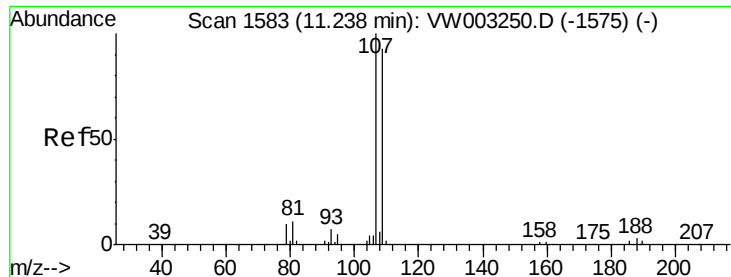
Tgt Ion: 43 Resp: 25062
Ion Ratio Lower Upper
43 100
58 47.7 25.0 75.0



#60
Dibromochloromethane
Concen: 5.315 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 129 Resp: 11406
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5

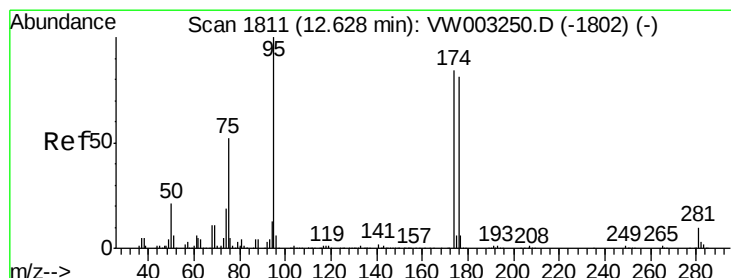
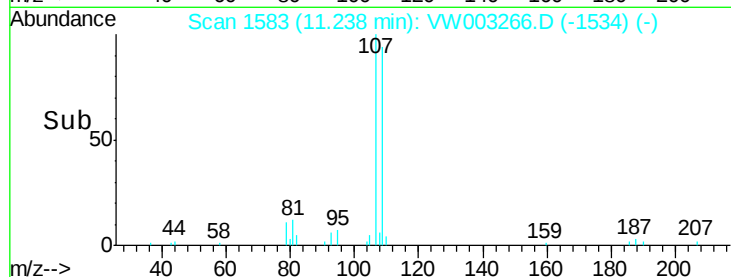
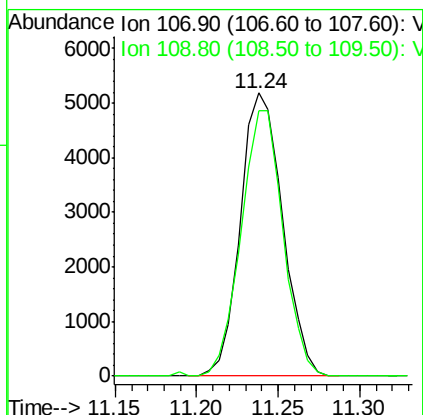
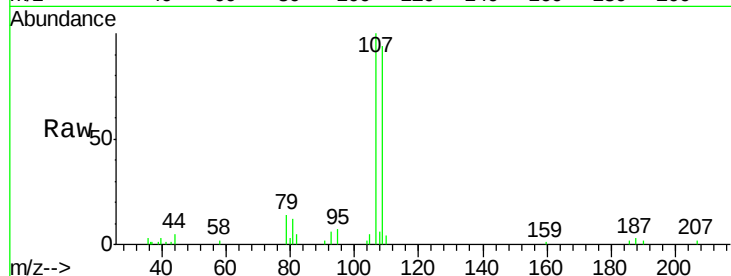




#61
 1,2-Dibromoethane
 Concen: 5.459 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

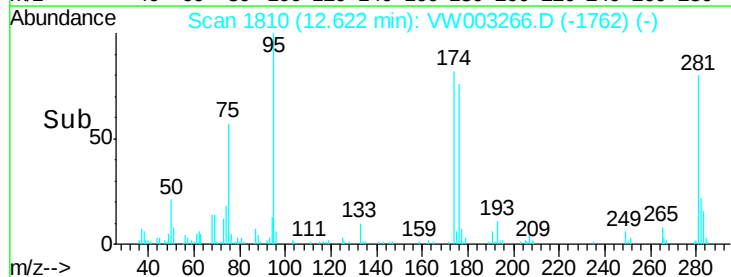
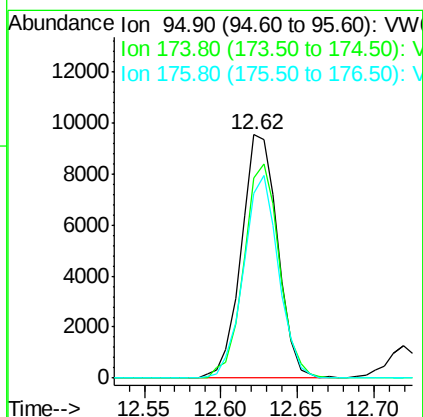
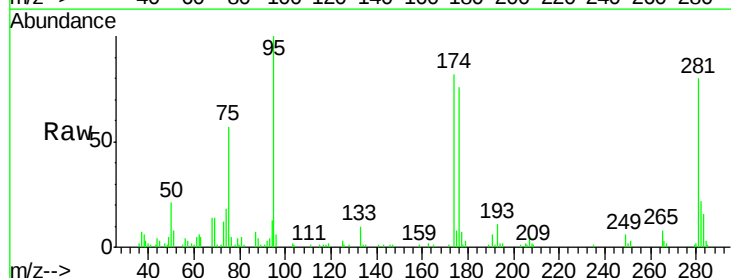
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

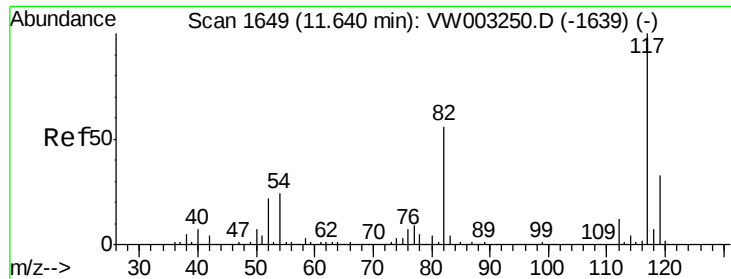
Tgt Ion: 107 Resp: 9319
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.880 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 95 Resp: 15704
 Ion Ratio Lower Upper
 95 100
 174 86.2 0.0 166.4
 176 80.0 0.0 162.0

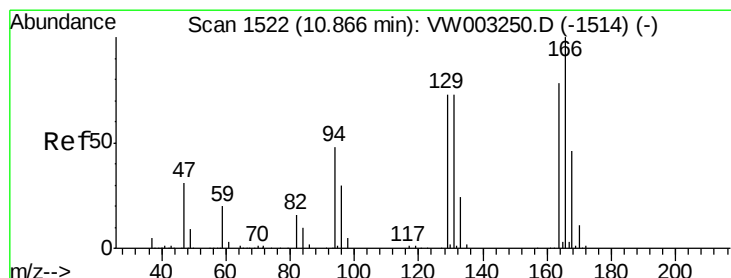
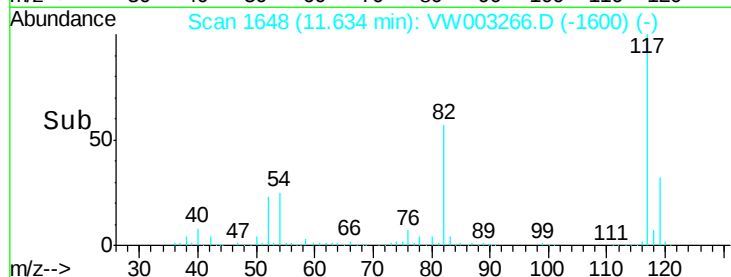
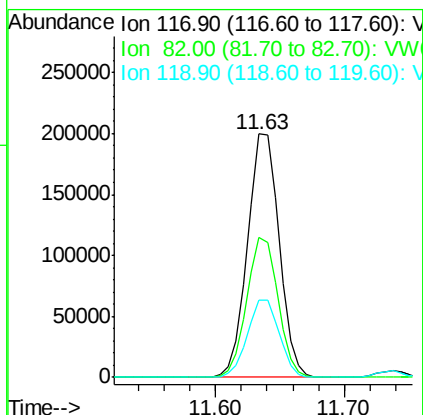
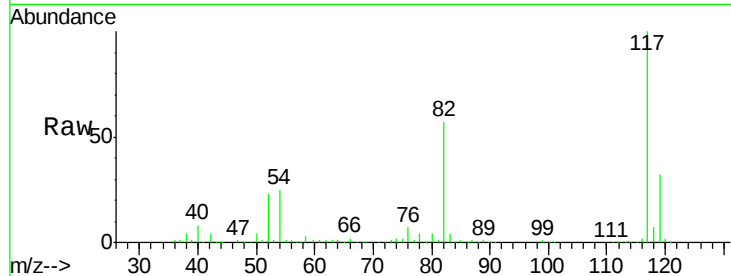




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

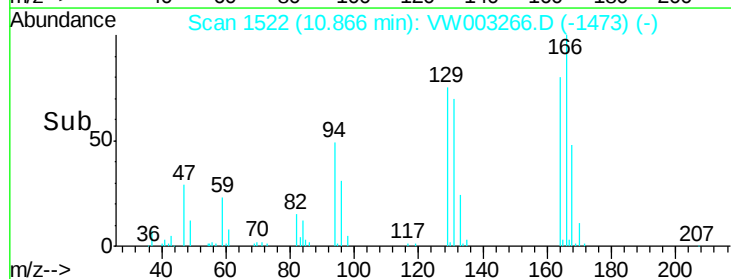
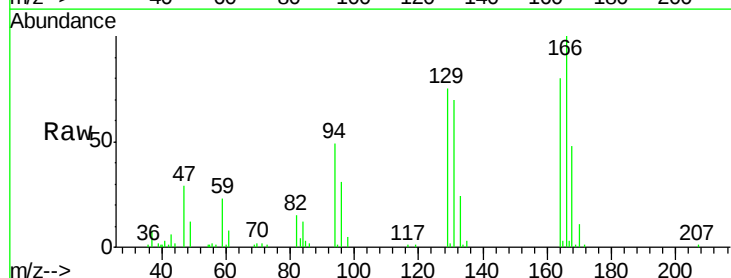
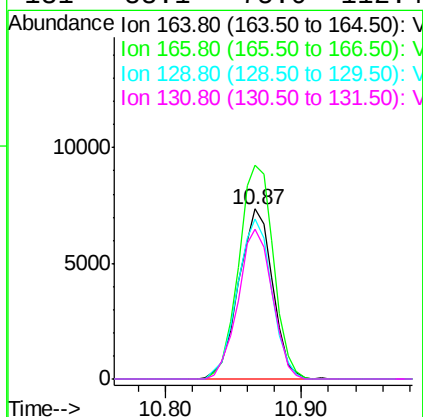
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

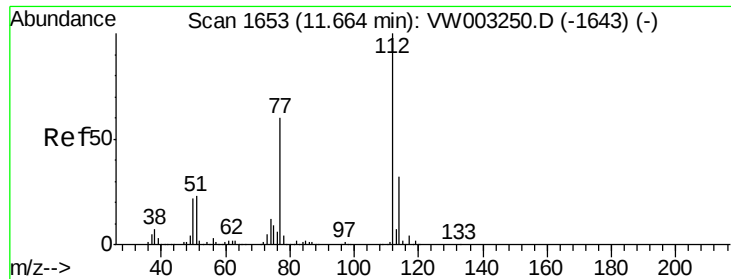
Tgt Ion:117 Resp: 338603
Ion Ratio Lower Upper
117 100
82 57.4 44.6 67.0
119 31.8 26.7 40.1



#64
Tetrachloroethene
Concen: 5.664 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion:164 Resp: 12827
Ion Ratio Lower Upper
164 100
166 125.7 102.6 154.0
129 93.8 75.2 112.8
131 88.1 75.0 112.4

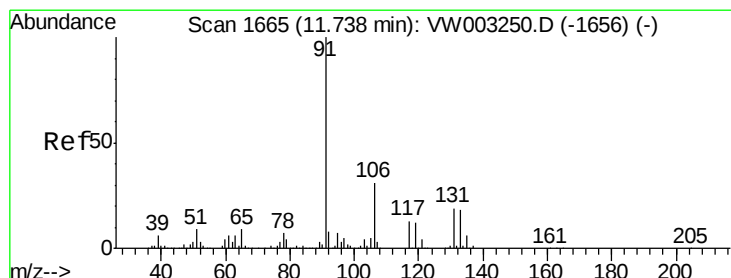
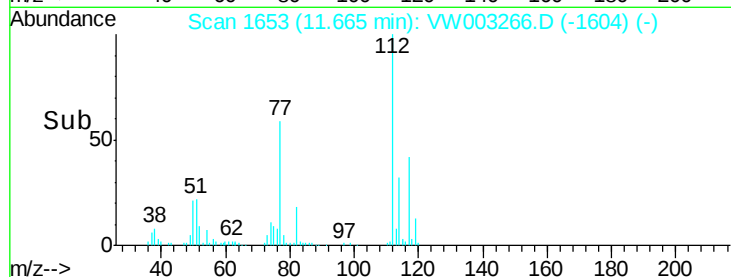
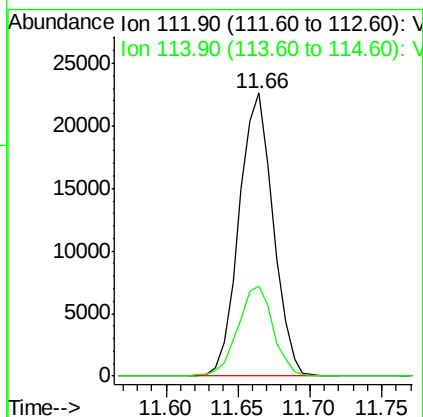
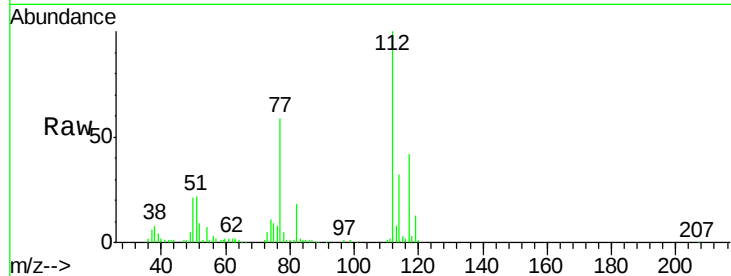




#65
Chlorobenzene
Concen: 5.261 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

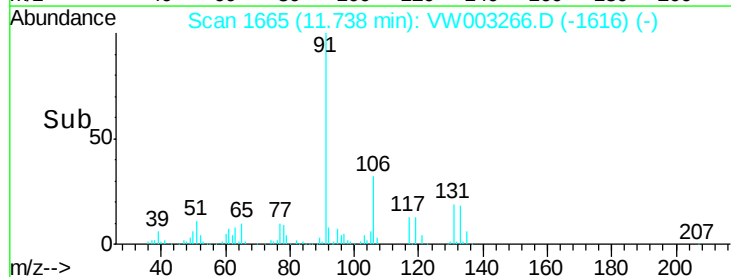
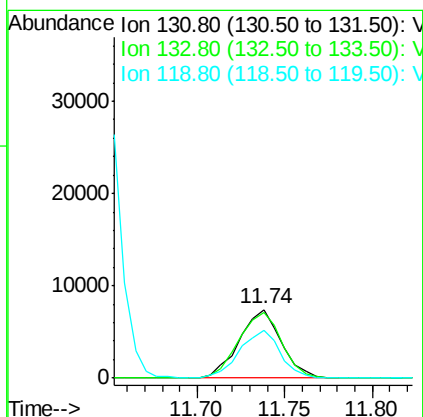
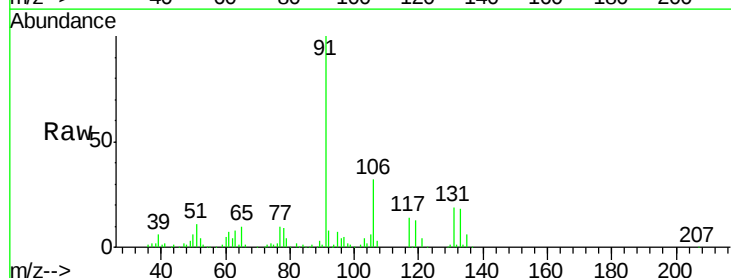
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

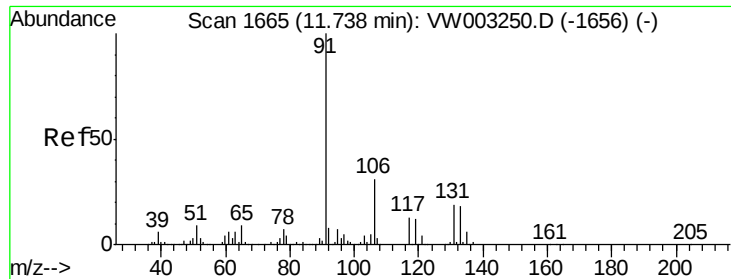
Tgt Ion:112 Resp: 37093
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.034 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion:131 Resp: 12473
Ion Ratio Lower Upper
131 100
133 97.7 47.3 142.0
119 67.6 32.5 97.4

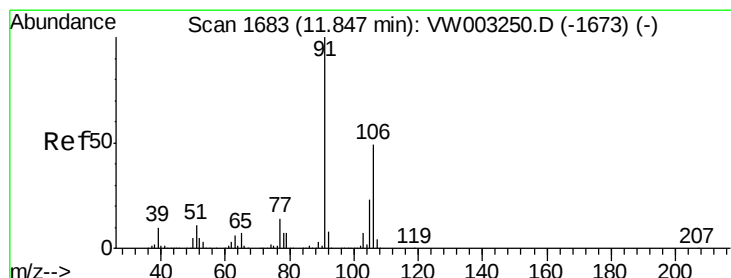
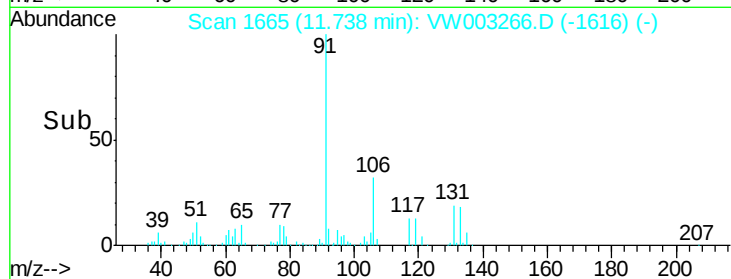
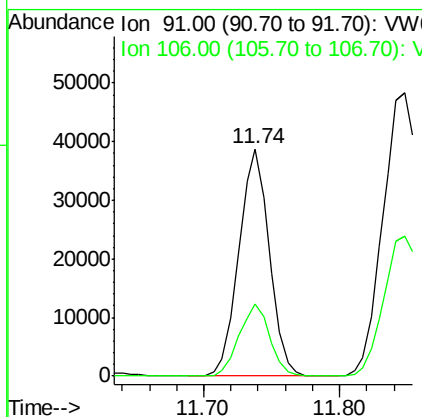
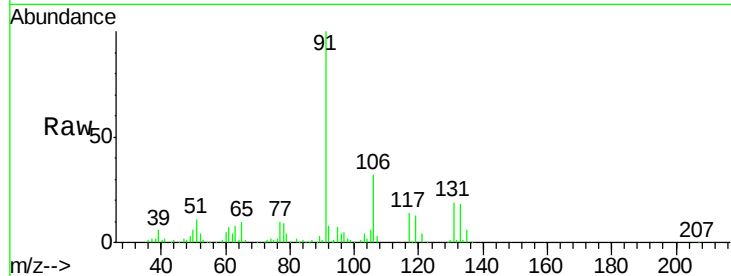




#67
Ethyl Benzene
Concen: 4.844 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

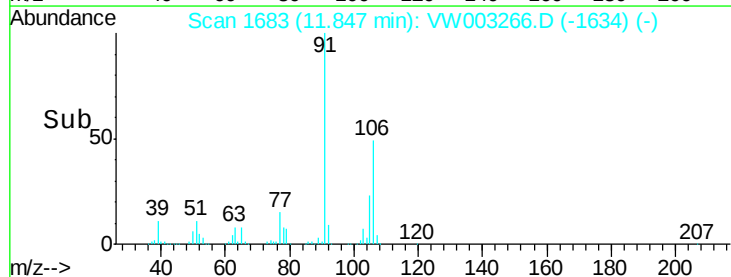
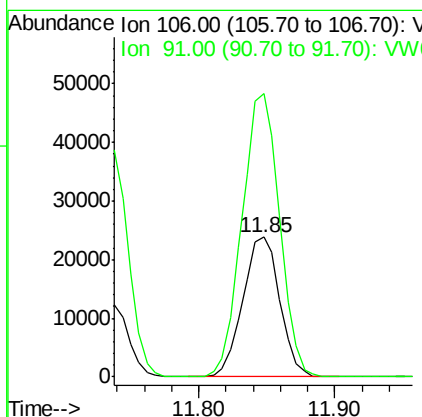
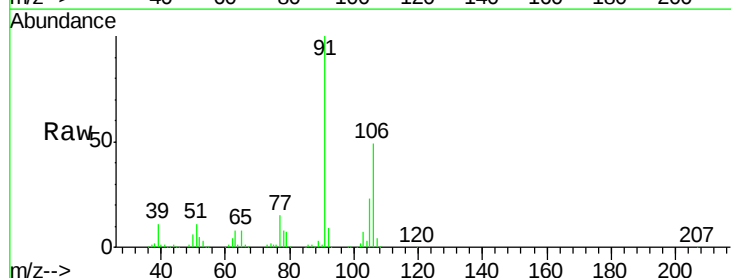
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

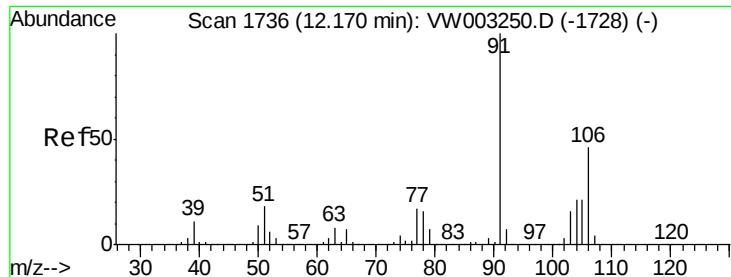
Tgt Ion: 91 Resp: 60544
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 9.527 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 106 Resp: 45265
Ion Ratio Lower Upper
106 100
91 206.2 165.4 248.0

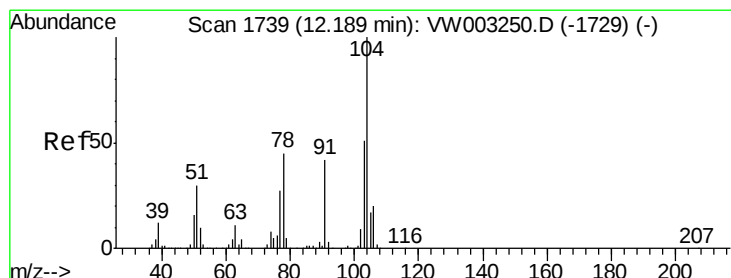
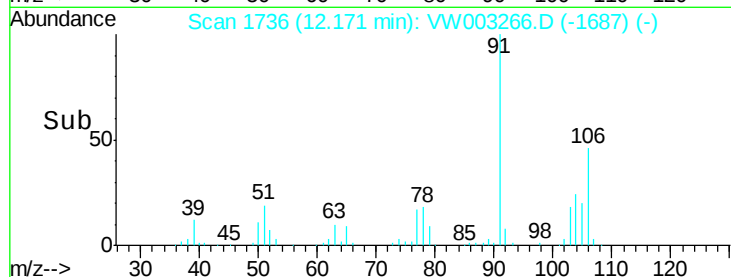
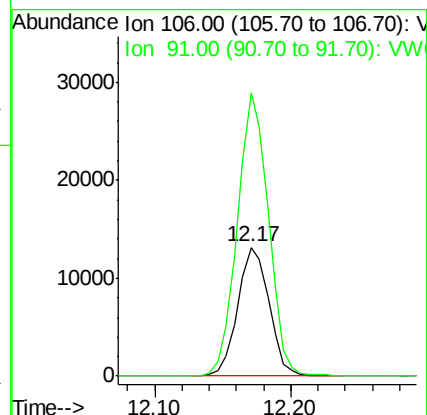
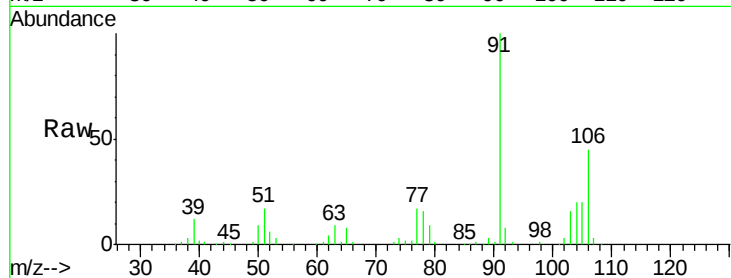




#69
o-Xylene
Concen: 4.809 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

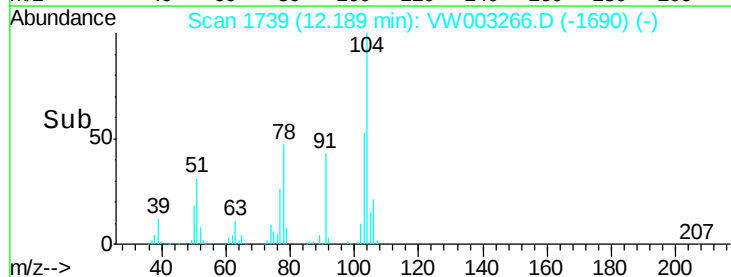
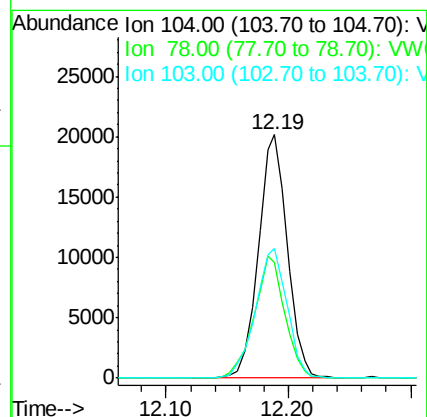
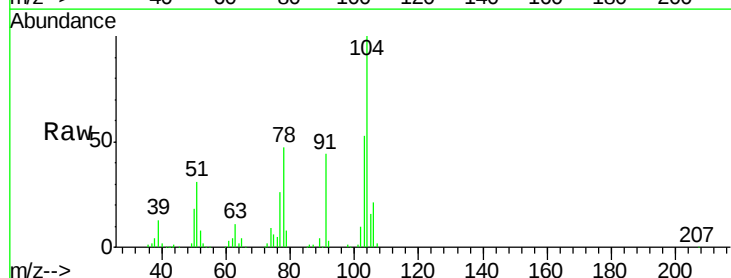
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

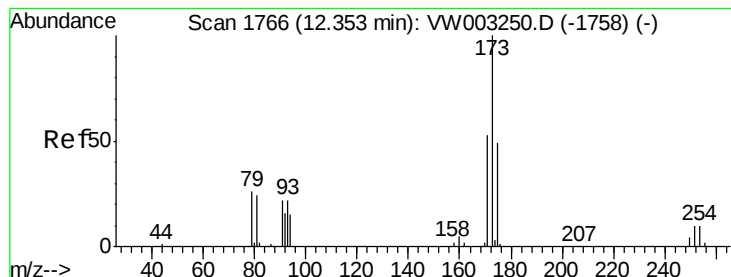
Tgt Ion:106 Resp: 21175
Ion Ratio Lower Upper
106 100
91 217.3 108.6 325.6



#70
Styrene
Concen: 4.531 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion:104 Resp: 33207
Ion Ratio Lower Upper
104 100
78 53.4 41.3 61.9
103 58.5 45.0 67.4





#71

Bromoform

Concen: 5.054 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

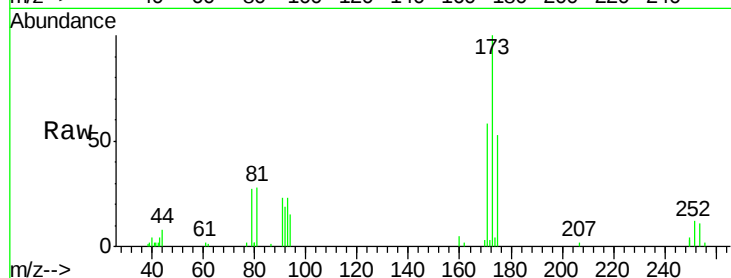
Tgt Ion:173 Resp: 6491

Ion Ratio Lower Upper

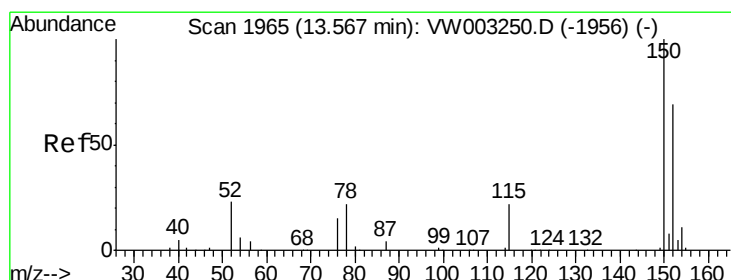
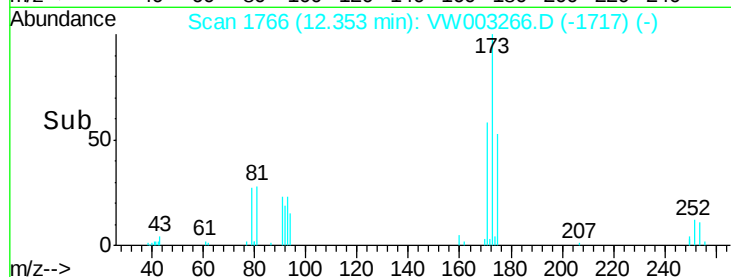
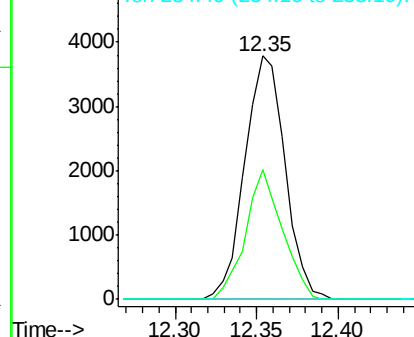
173 100

175 48.8 24.4 73.4

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

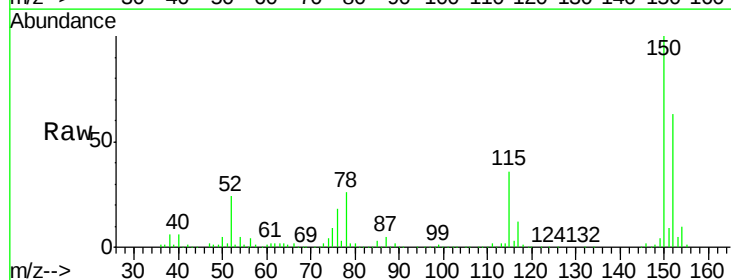
Tgt Ion:152 Resp: 177614

Ion Ratio Lower Upper

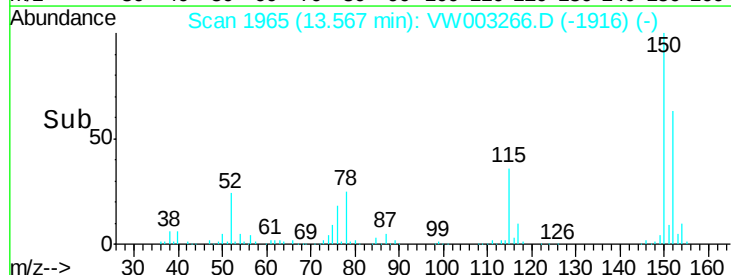
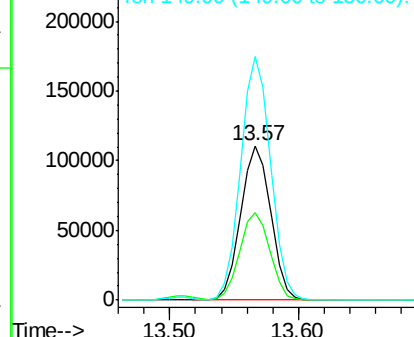
152 100

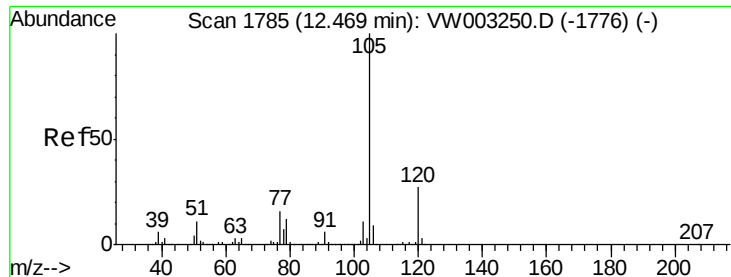
115 57.3 29.3 88.0

150 158.5 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 4.660 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

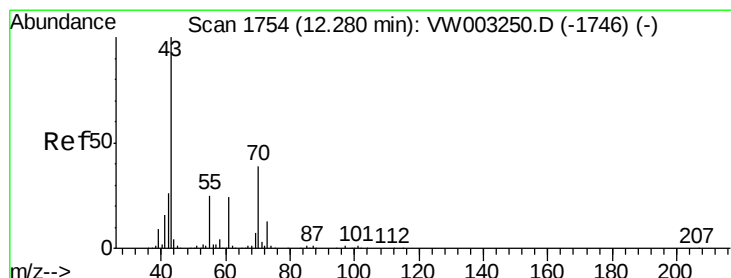
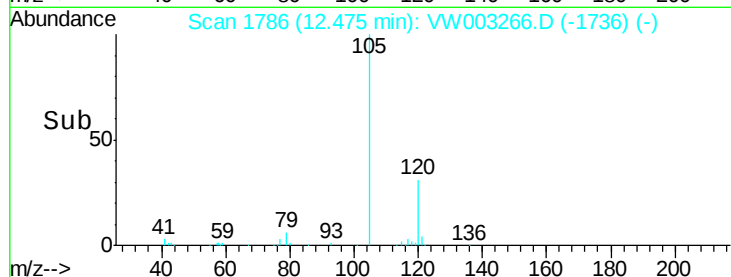
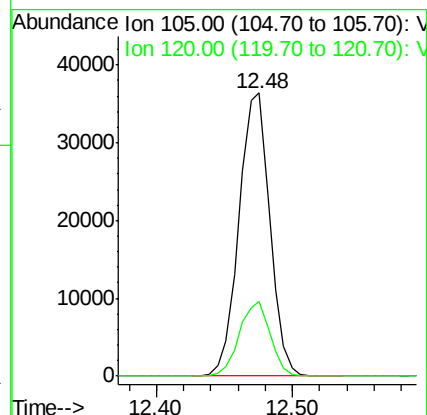
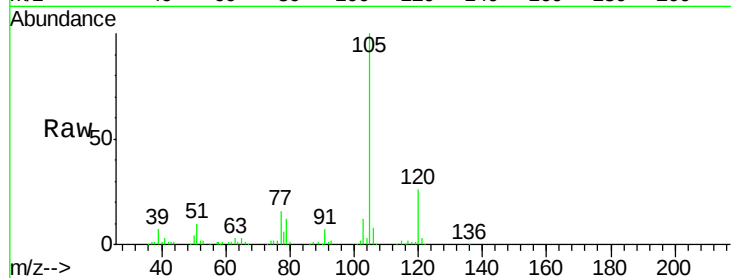
LOQ-SCM-Precision-Bias-1

Tgt Ion: 105 Resp: 57565

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 4.665 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Tgt Ion: 43 Resp: 13118

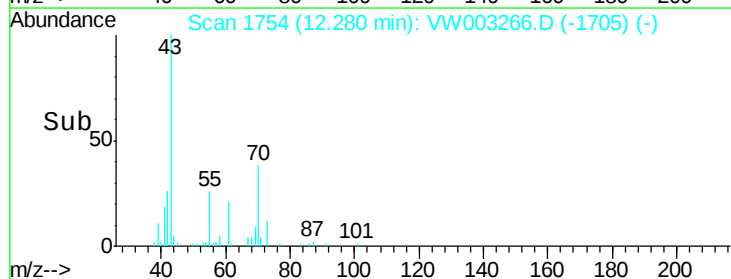
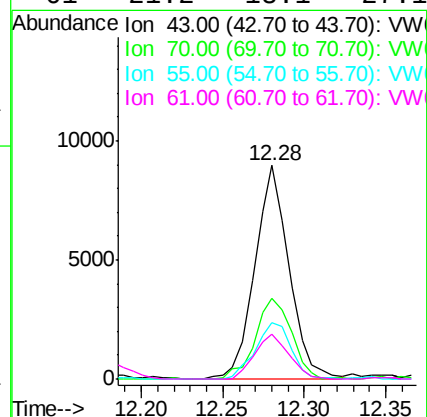
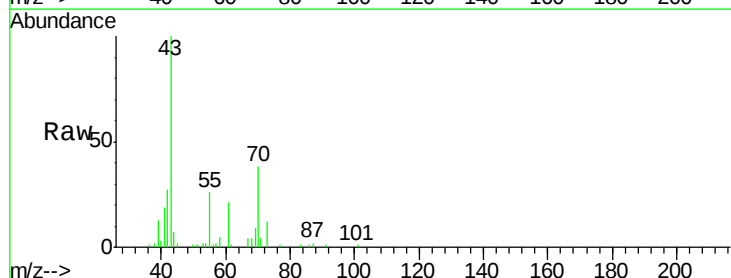
Ion Ratio Lower Upper

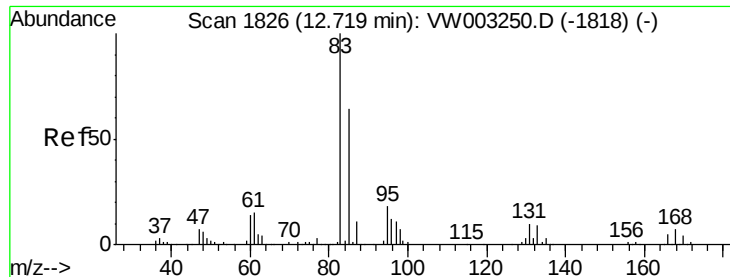
43 100

70 40.1 31.0 46.6

55 27.6 19.7 29.5

61 21.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.436 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

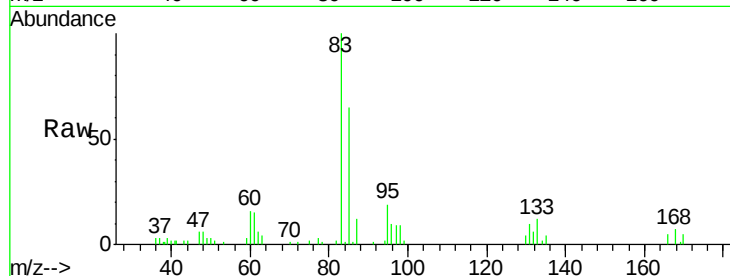
Tgt Ion: 83 Resp: 11361

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

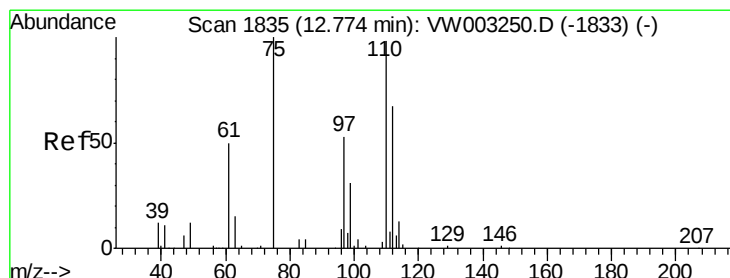
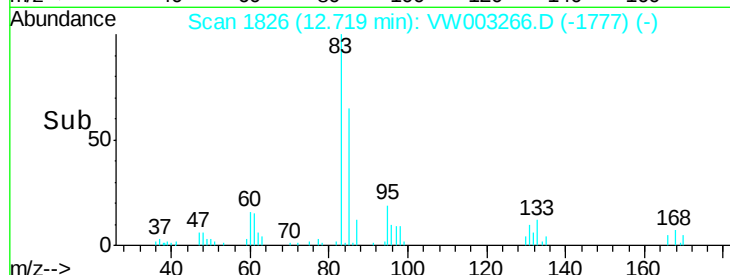
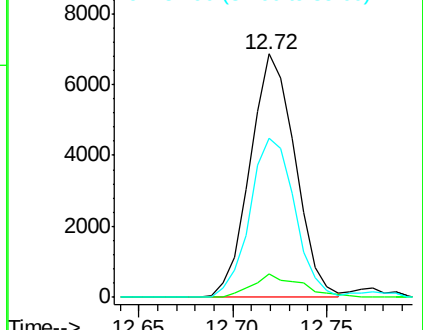
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.024 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003266.D

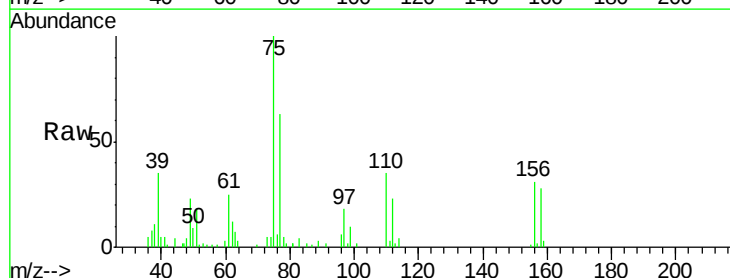
Acq: 14 Jun 2018 20:58

Tgt Ion: 75 Resp: 15220

Ion Ratio Lower Upper

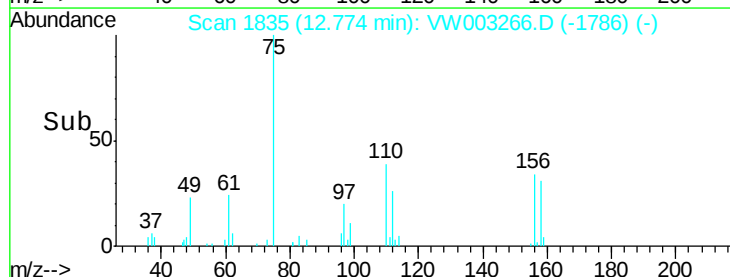
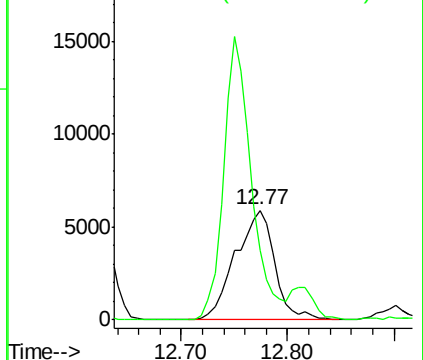
75 100

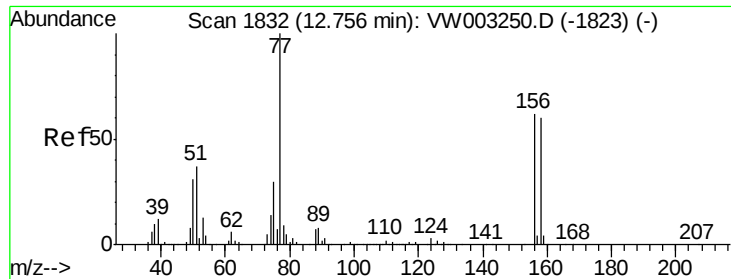
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

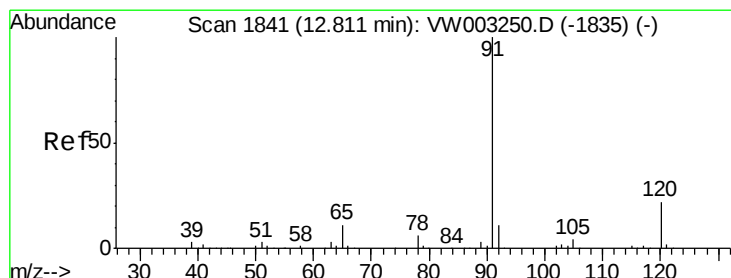
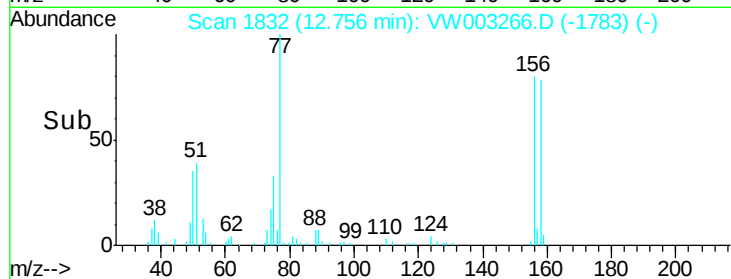
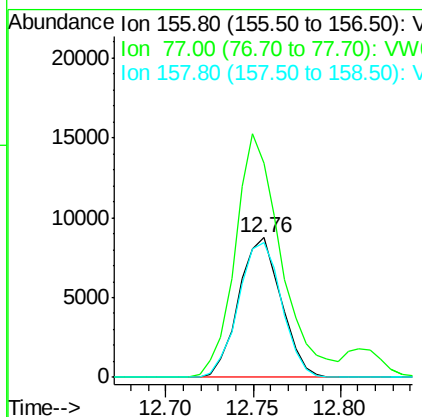
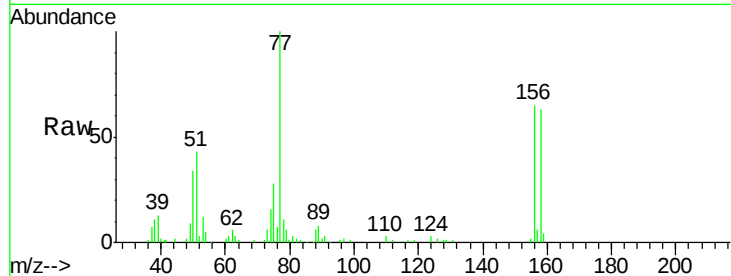




#77
Bromobenzene
Concen: 5.121 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

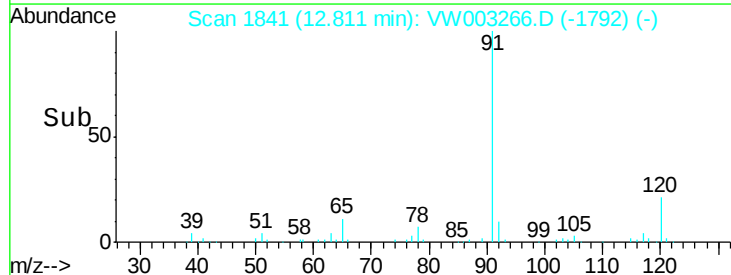
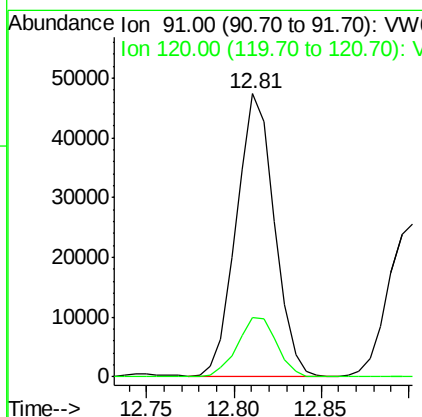
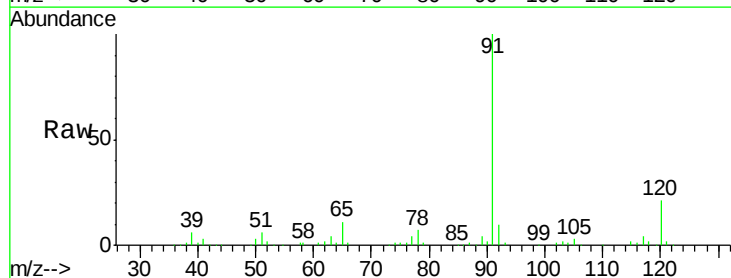
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-1

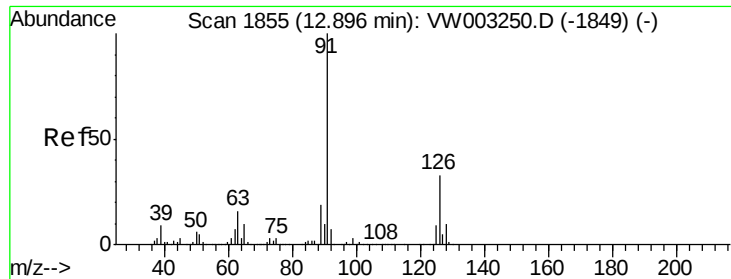
Tgt Ion:156 Resp: 14733
Ion Ratio Lower Upper
156 100
77 189.3 92.3 276.9
158 98.3 47.5 142.6



#78
n-propylbenzene
Concen: 4.727 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003266.D
Acq: 14 Jun 2018 20:58

Tgt Ion: 91 Resp: 71506
Ion Ratio Lower Upper
91 100
120 21.9 11.3 33.8

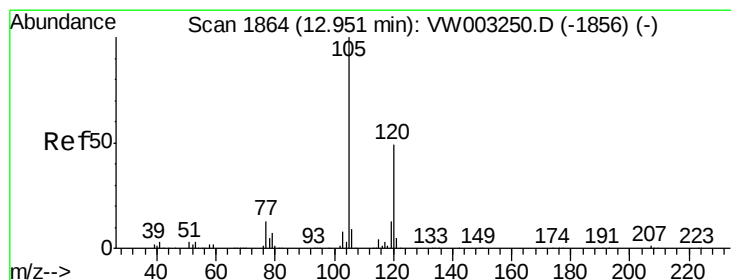
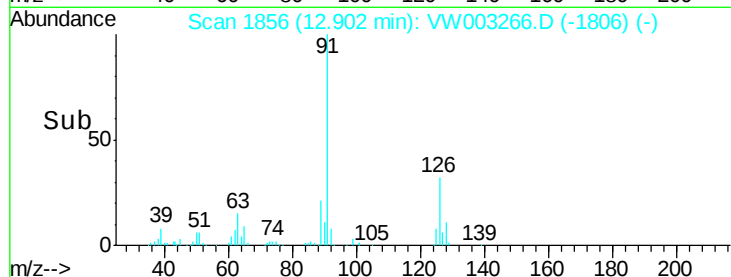
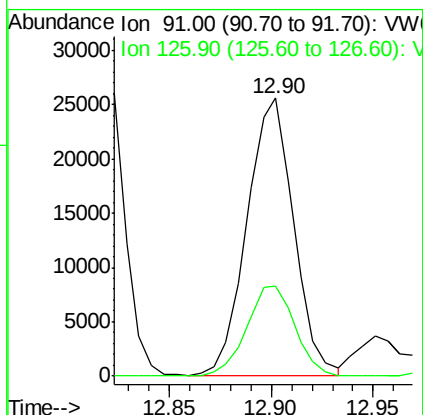
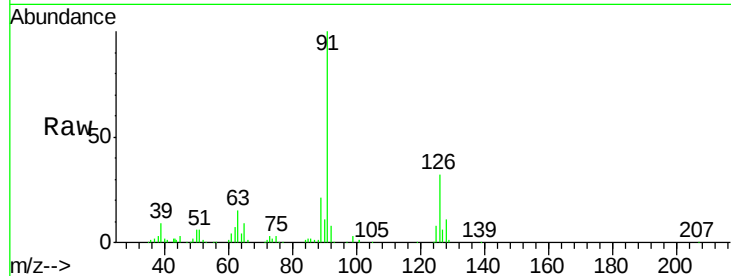




#79
 2-Chlorotoluene
 Concen: 4.767 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

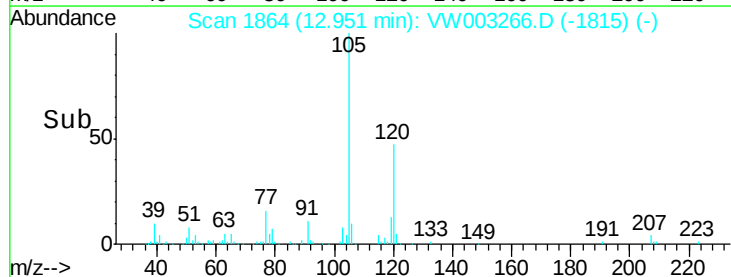
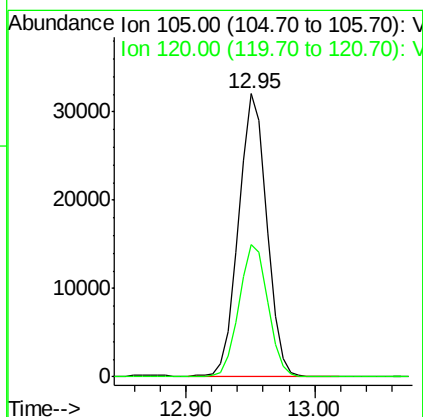
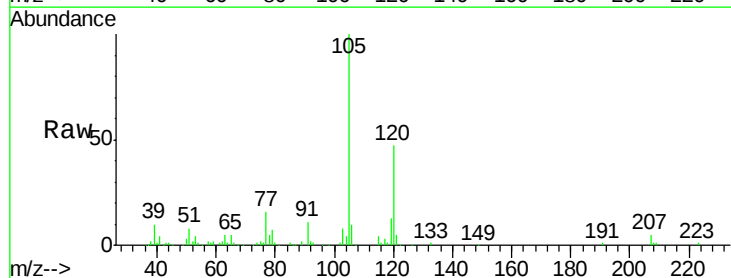
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

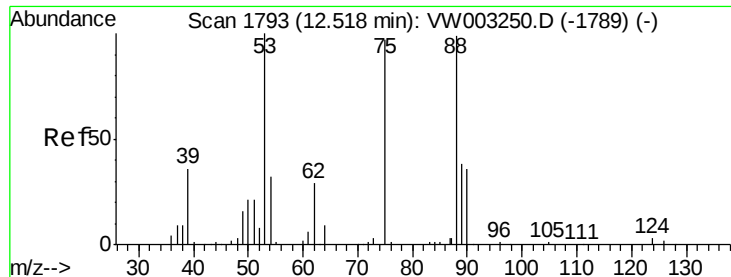
Tgt Ion: 91 Resp: 40754
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.701 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 105 Resp: 48742
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.551 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

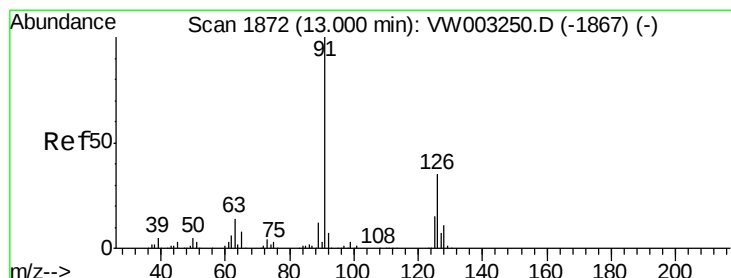
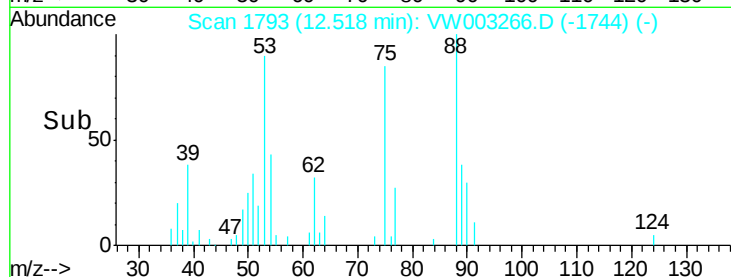
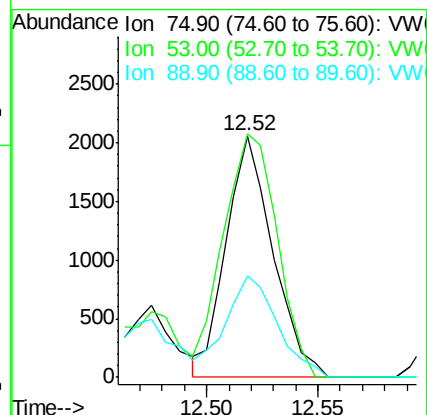
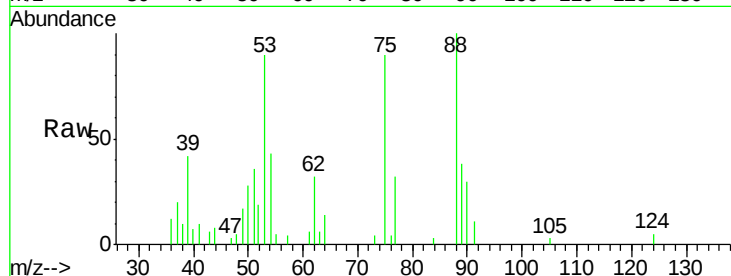
Tgt Ion: 75 Resp: 3003

Ion Ratio Lower Upper

75 100

53 116.1 82.9 124.3

89 47.0 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.835 ug/l

RT: 13.00 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VW003266.D

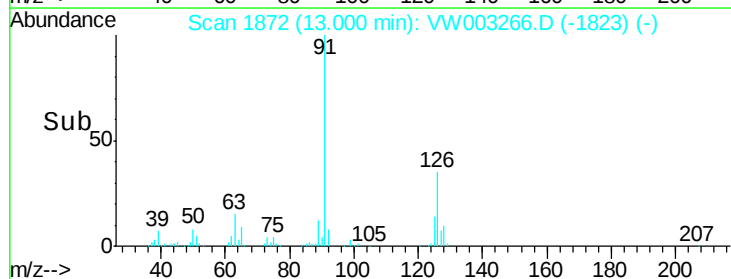
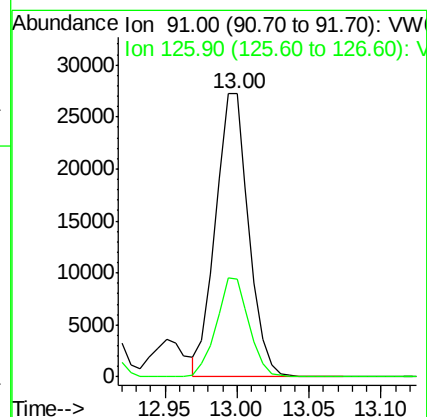
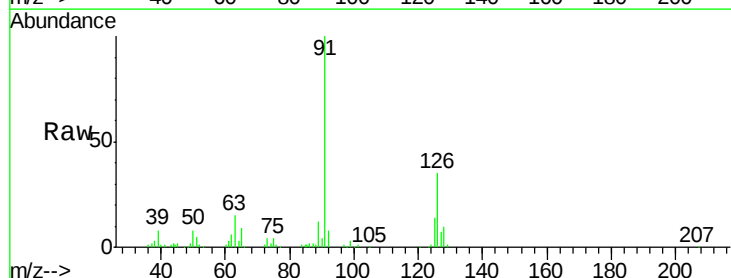
Acq: 14 Jun 2018 20:58

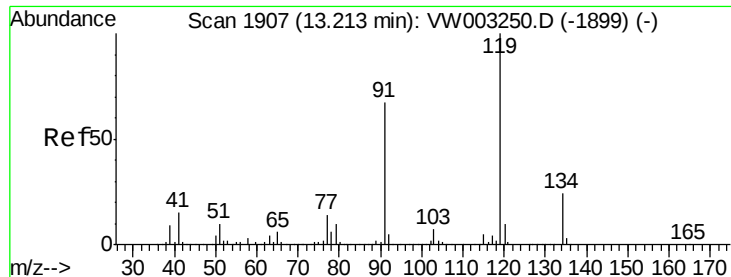
Tgt Ion: 91 Resp: 43849

Ion Ratio Lower Upper

91 100

126 34.7 16.8 50.3

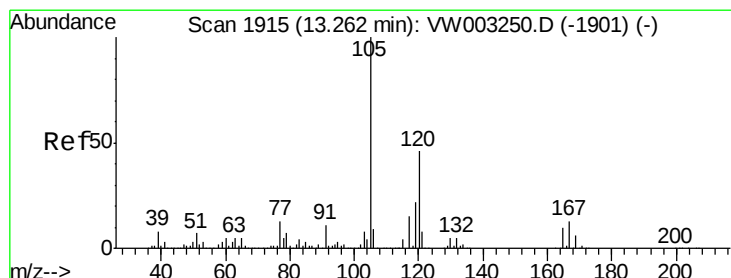
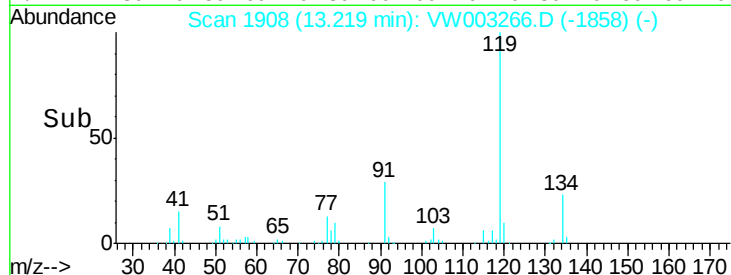
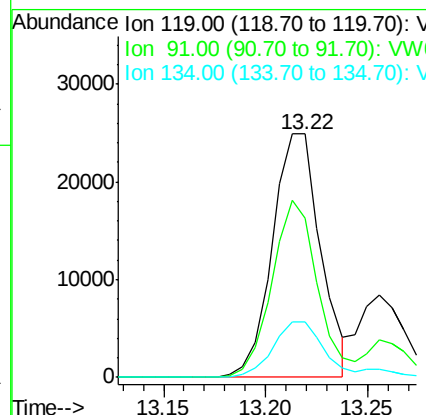
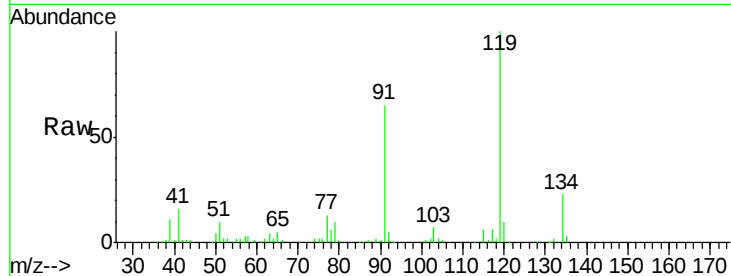




#83
 tert-Butylbenzene
 Concen: 4.646 ug/l
 RT: 13.22 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

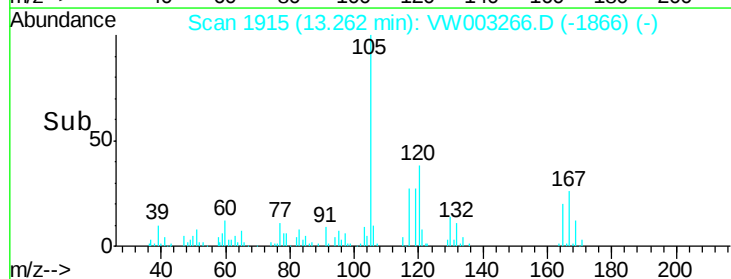
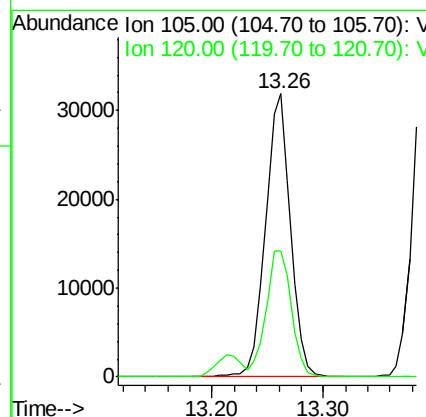
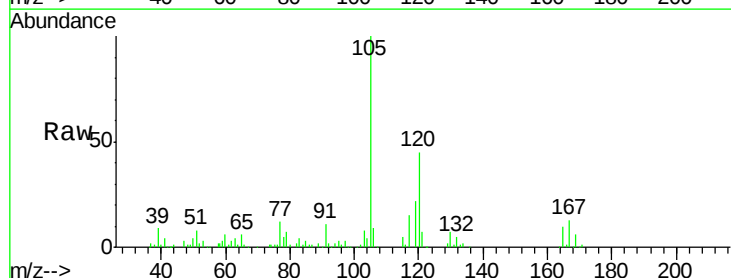
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

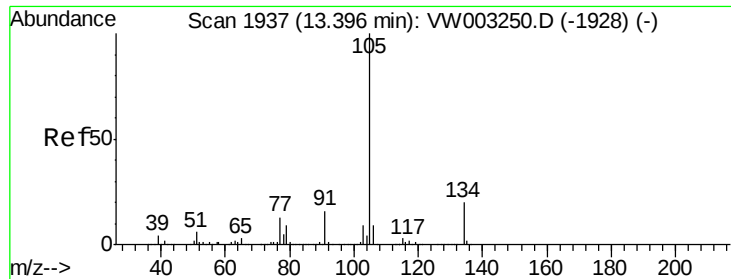
Tgt Ion:119 Resp: 41061
 Ion Ratio Lower Upper
 119 100
 91 69.2 33.9 101.7
 134 23.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.675 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion:105 Resp: 49864
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.5 67.5

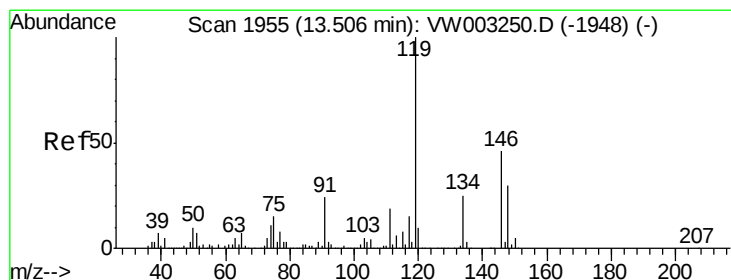
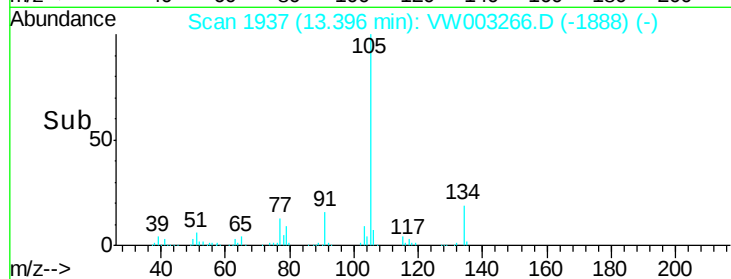
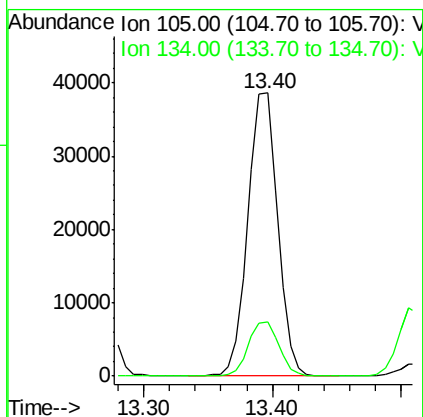
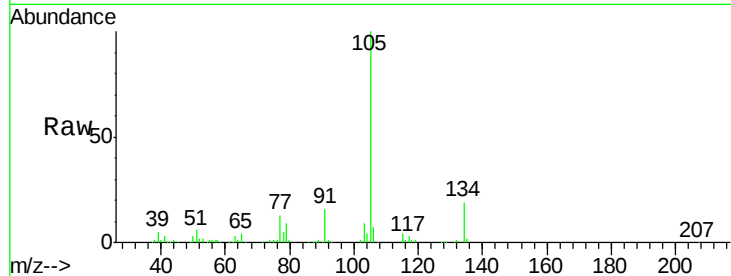




#85
 sec-Butylbenzene
 Concen: 4.681 ug/l
 RT: 13.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

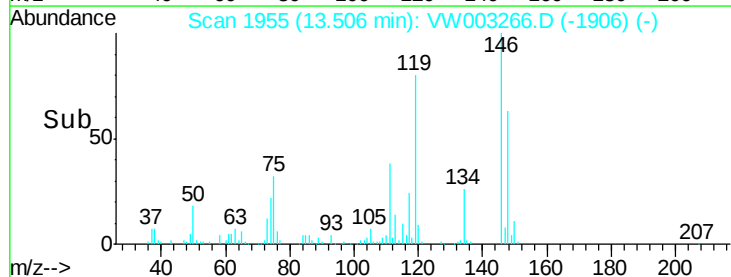
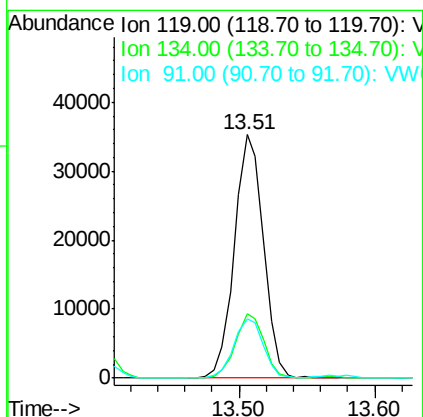
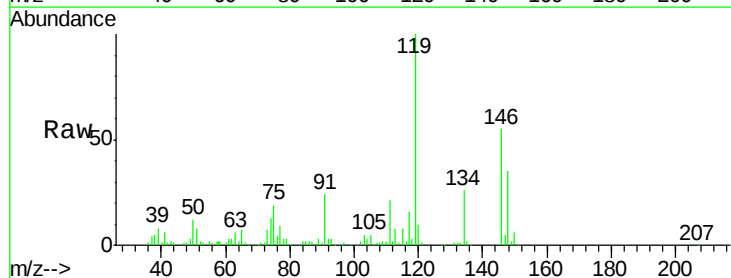
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

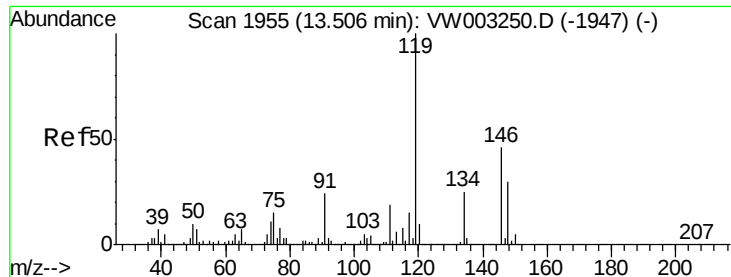
Tgt Ion:105 Resp: 61488
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.526 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion:119 Resp: 52430
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 25.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 5.145 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

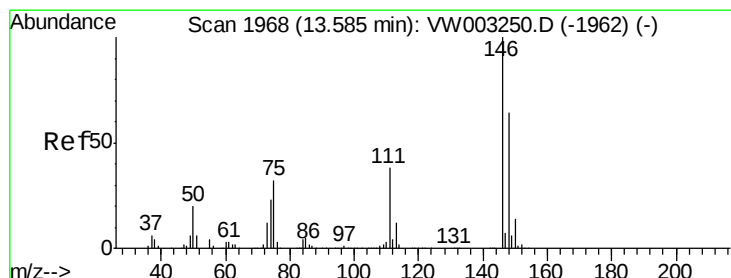
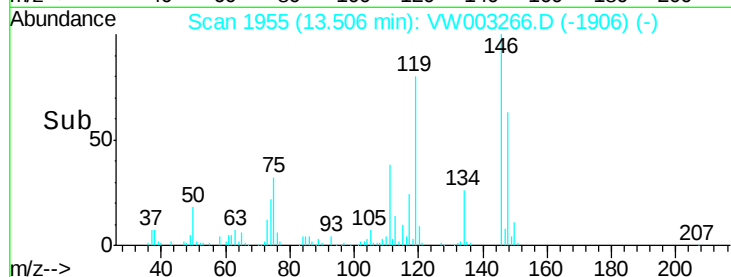
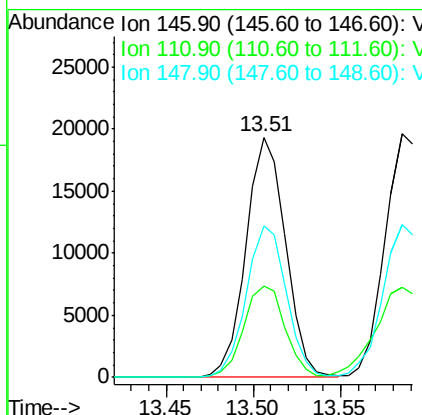
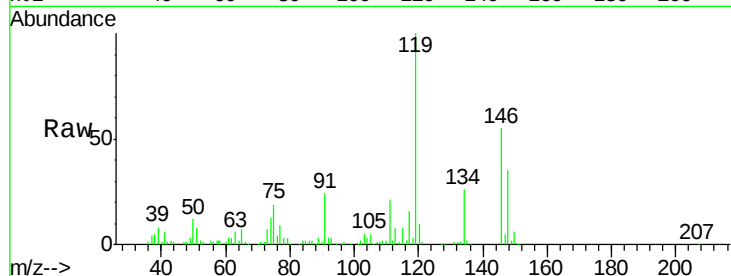
Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

Tgt Ion:	146	Resp:	30407
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	64.2	32.1	96.5



#88

1,4-Dichlorobenzene

Concen: 5.275 ug/l

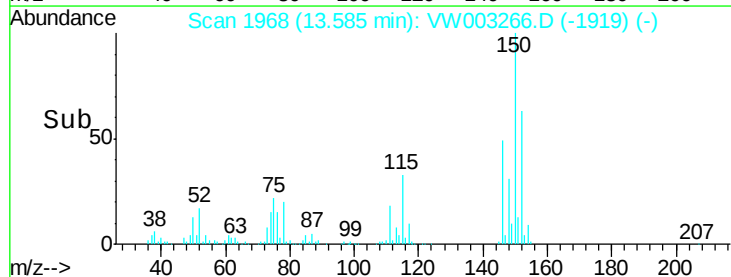
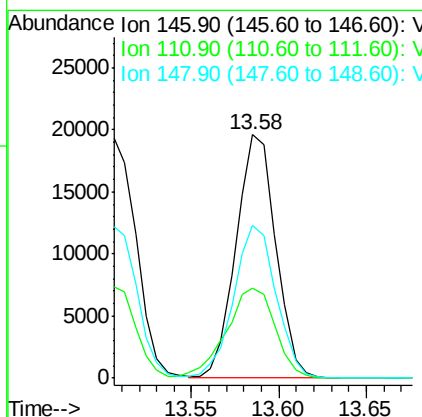
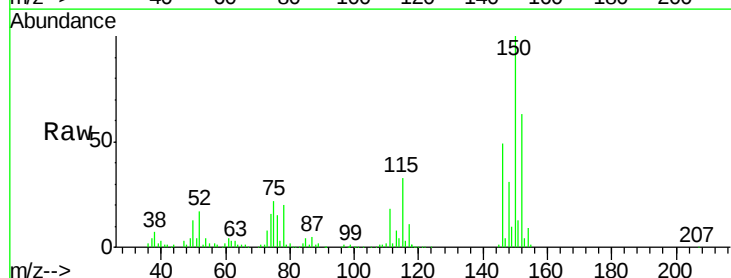
RT: 13.58 min Scan# 1968

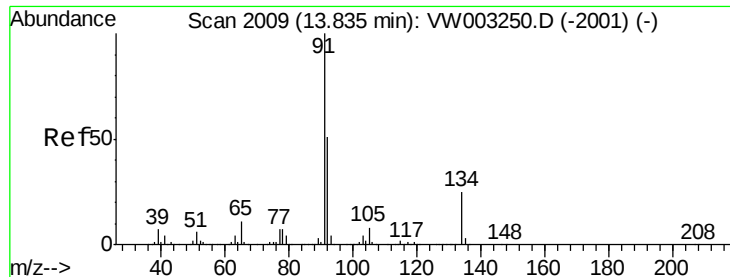
Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Tgt Ion:	146	Resp:	30996
Ion	Ratio	Lower	Upper
146	100		
111	45.7	19.2	57.6
148	67.3	31.8	95.4





#89

n-Butylbenzene

Concen: 4.589 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

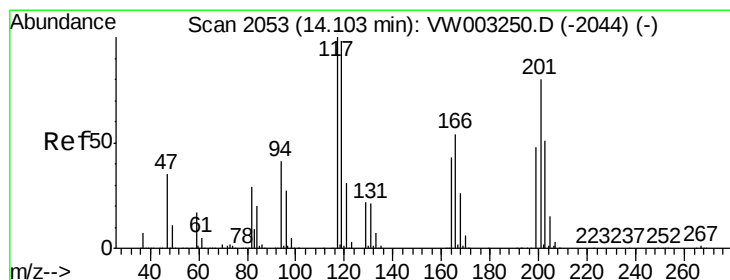
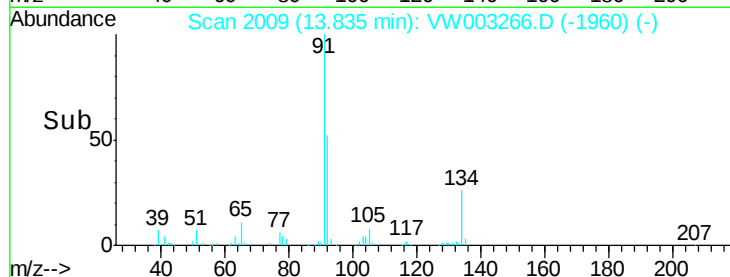
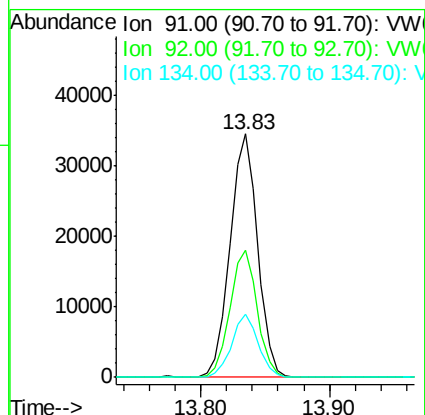
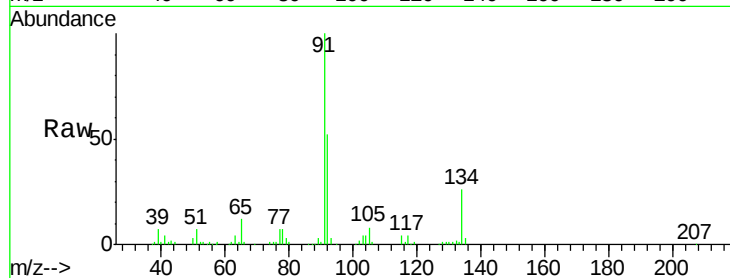
Tgt Ion: 91 Resp: 51825

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

134 25.0 12.7 38.0



#90

Hexachloroethane

Concen: 5.091 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003266.D

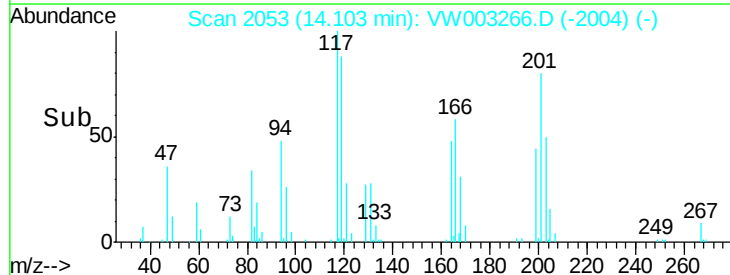
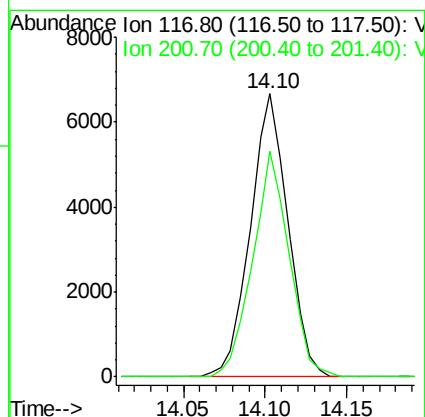
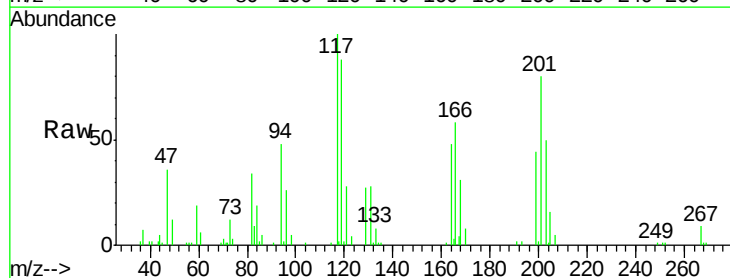
Acq: 14 Jun 2018 20:58

Tgt Ion: 117 Resp: 10670

Ion Ratio Lower Upper

117 100

201 77.6 39.5 118.5

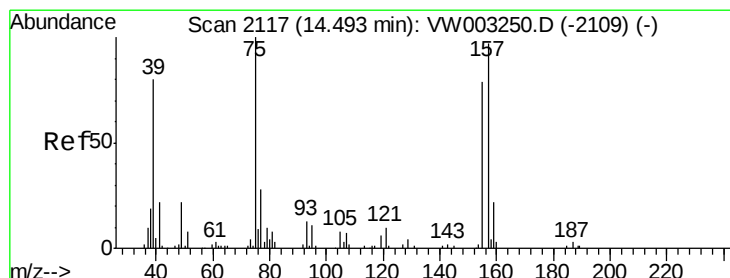
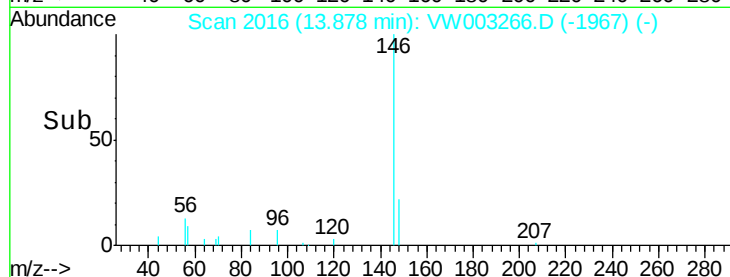
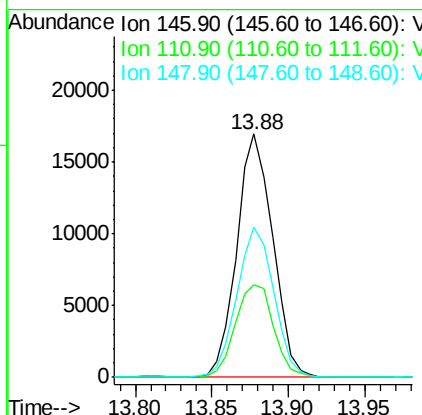
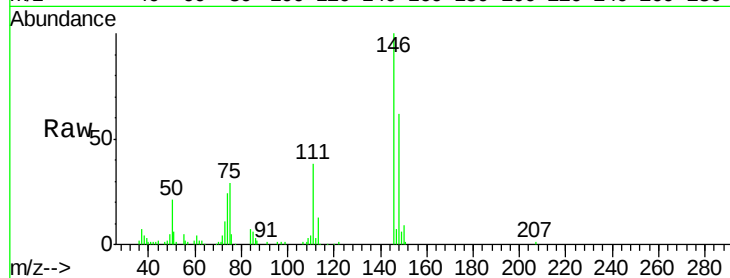




#91
 1,2-Dichlorobenzene
 Concen: 5.357 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

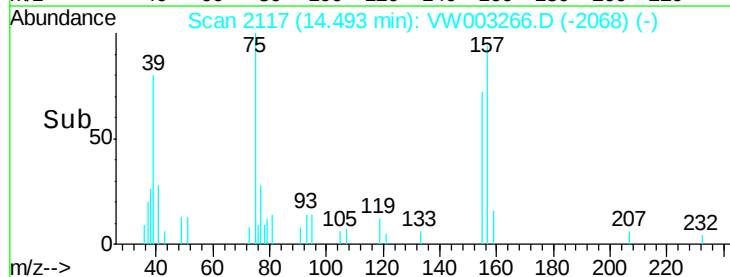
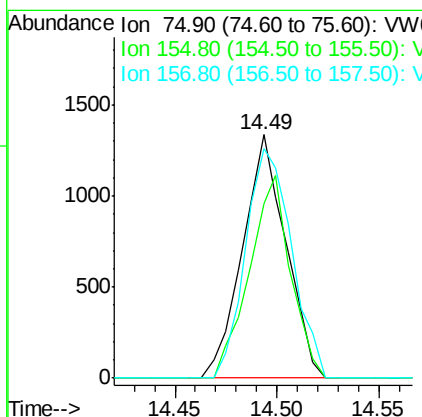
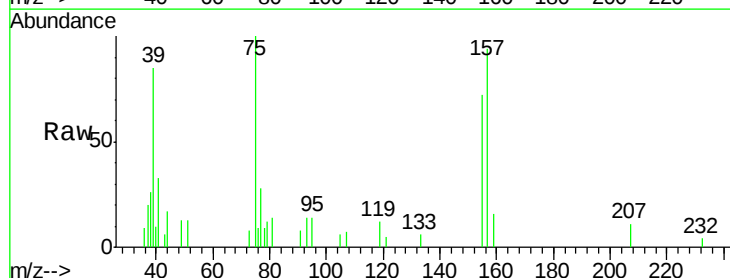
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

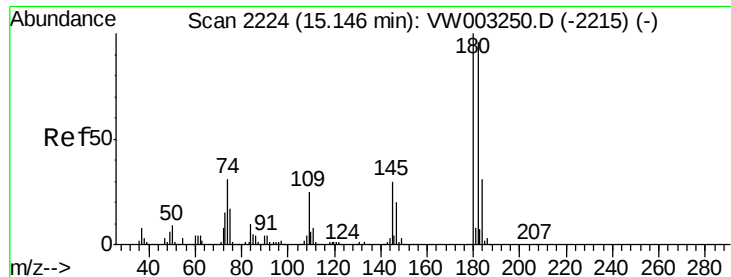
Tgt Ion:146 Resp: 27733
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.3 61.0
 148 63.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.615 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion: 75 Resp: 1975
 Ion Ratio Lower Upper
 75 100
 155 79.2 39.4 118.2
 157 100.2 51.5 154.5

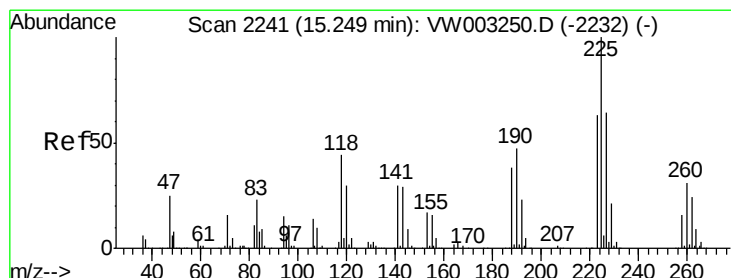
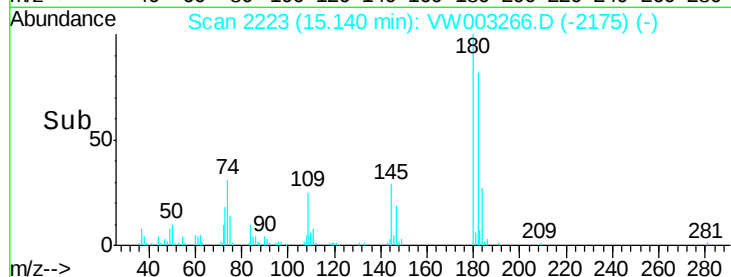
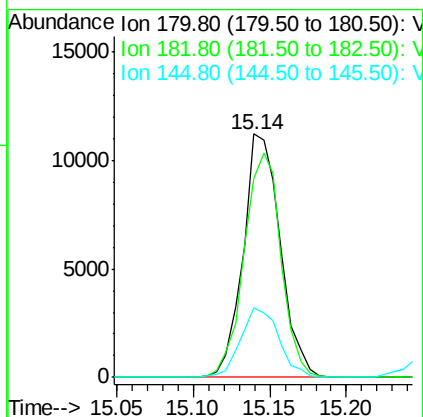
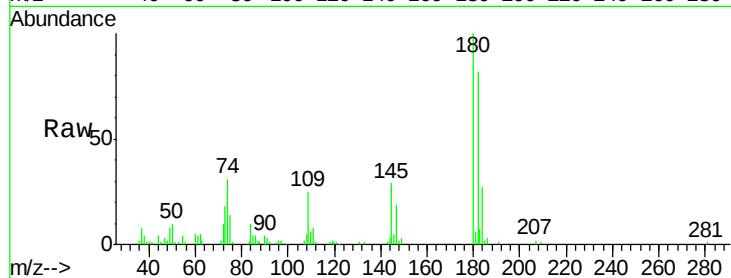




#93
 1,2,4-Trichlorobenzene
 Concen: 5.193 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

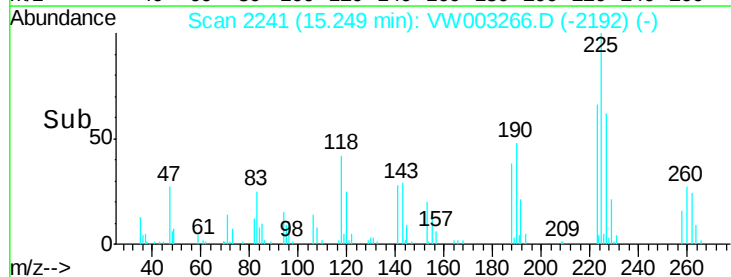
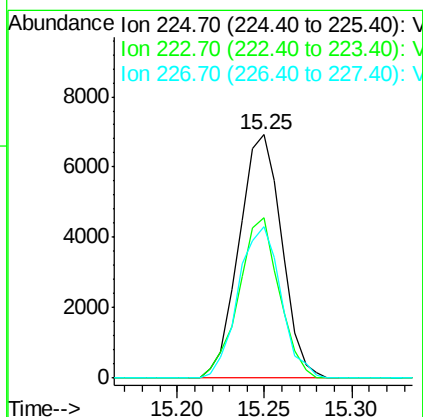
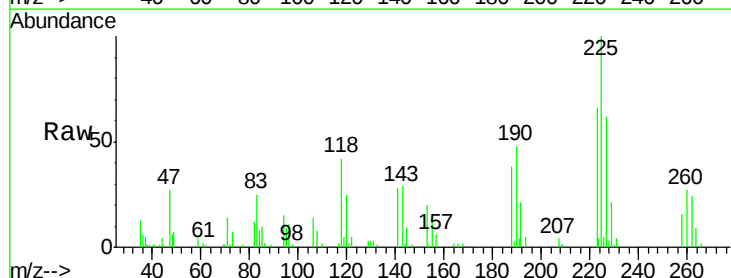
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-1

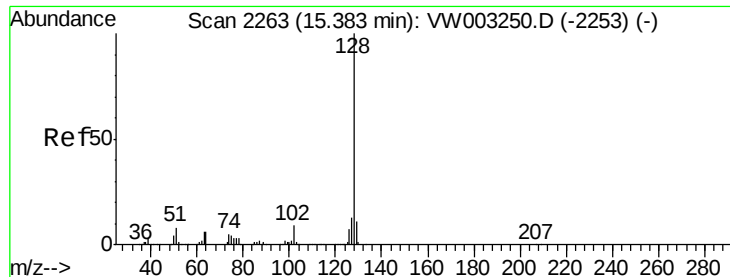
Tgt Ion:180 Resp: 18874
 Ion Ratio Lower Upper
 180 100
 182 91.8 47.9 143.6
 145 29.5 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 5.405 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003266.D
 Acq: 14 Jun 2018 20:58

Tgt Ion:225 Resp: 11817
 Ion Ratio Lower Upper
 225 100
 223 62.1 30.6 92.0
 227 61.8 31.7 95.1





#95

Naphthalene

Concen: 4.718 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-1

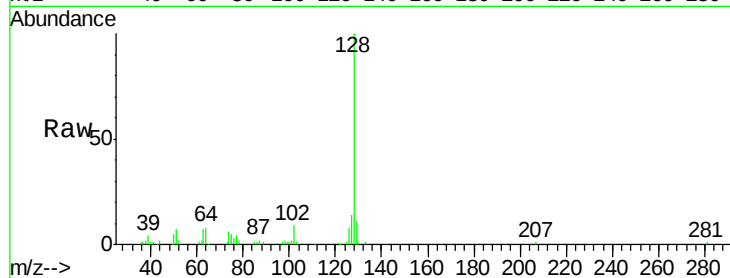
Tgt Ion:128 Resp: 29088

Ion Ratio Lower Upper

128 100

127 14.2 10.5 15.7

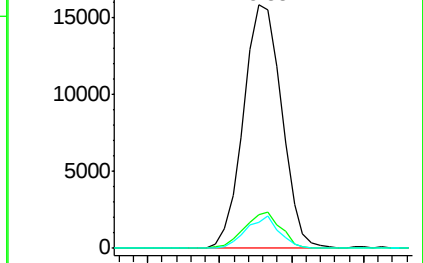
129 11.5 8.9 13.3



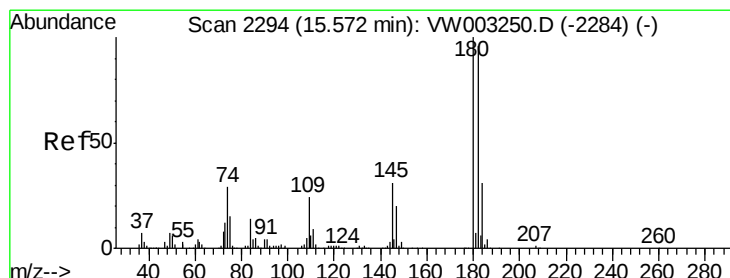
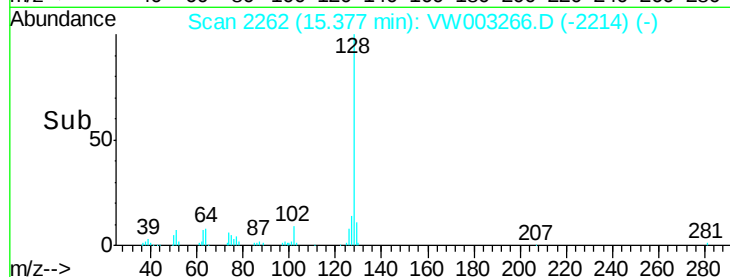
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 4.986 ug/l

RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003266.D

Acq: 14 Jun 2018 20:58

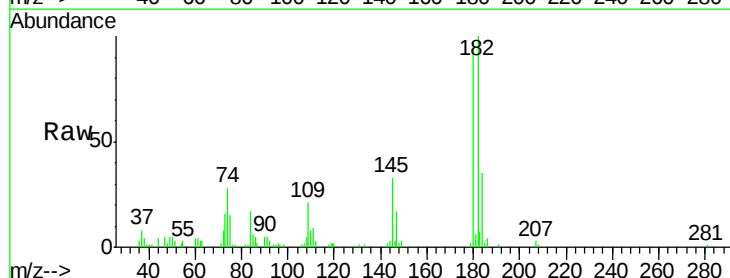
Tgt Ion:180 Resp: 15952

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.6

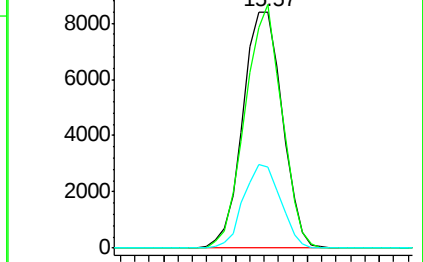
145 33.3 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

