

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003268.D
 Acq On : 14 Jun 2018 21:50
 Operator : VA/AP
 Sample : J2923-03
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Quant Time: Jun 15 06:47:06 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	236541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	379899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	351457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13972	5.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.90%	
35) Dibromofluoromethane	7.88	113	12296	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
50) Toluene-d8	10.33	98	45358	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	
62) 4-Bromofluorobenzene	12.62	95	15802	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	3272	4.575	ug/l	94
3) Chloromethane	2.21	50	11150	6.171	ug/l	91
4) Vinyl Chloride	2.36	62	15580	5.915	ug/l	96
5) Bromomethane	2.78	94	10884	6.217	ug/l	92
6) Chloroethane	2.92	64	10177	5.551	ug/l	92
7) Trichlorofluoromethane	3.25	101	8990	5.697	ug/l	96
8) Diethyl Ether	3.68	74	6833	5.895	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11892	5.427	ug/l	100
10) Methyl Iodide	4.26	142	17821	5.378	ug/l	96
11) Tert butyl alcohol	5.22	59	1348	9.810	ug/l #	62
12) 1,1-Dichloroethene	4.03	96	11643	5.437	ug/l	96
13) Acrolein	3.89	56	5459	27.787	ug/l	89
14) Allyl chloride	4.67	41	20002	5.393	ug/l	99
15) Acrylonitrile	5.38	53	13583	28.480	ug/l	99
16) Acetone	4.14	43	16316	30.364	ug/l	99
17) Carbon Disulfide	4.37	76	37038	5.851	ug/l #	95
18) Methyl Acetate	4.68	43	9228	7.239	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	21644	5.397	ug/l #	90
20) Methylene Chloride	4.91	84	19333	5.179	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	13181	5.656	ug/l	87
22) Diisopropyl ether	6.32	45	37788	5.062	ug/l #	90
23) Vinyl Acetate	6.26	43	97980	22.777	ug/l	99
24) 1,1-Dichloroethane	6.21	63	24252	5.473	ug/l	99
25) 2-Butanone	7.19	43	18432	27.585	ug/l	91
26) 2,2-Dichloropropane	7.17	77	16617	5.619	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	14565	5.689	ug/l	97
28) Bromochloromethane	7.51	49	9916	5.377	ug/l	100
29) Tetrahydrofuran	7.54	42	10771	26.376	ug/l	99
30) Chloroform	7.68	83	25326	5.610	ug/l	96
31) Cyclohexane	7.96	56	25177	6.081	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	20725	5.561	ug/l	99
36) 1,1-Dichloropropene	8.09	75	18964	5.169	ug/l	99
37) Ethyl Acetate	7.26	43	8100	5.329	ug/l	98
38) Carbon Tetrachloride	8.07	117	17866	4.964	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	21191	4.992	ug/l	96
40) Benzene	8.32	78	54775	5.416	ug/l	98
41) Methacrylonitrile	7.49	41	4997	5.358	ug/l	97
42) 1,2-Dichloroethane	8.40	62	17618	5.560	ug/l	99
43) Isopropyl Acetate	8.43	43	15909	5.271	ug/l	97
44) Trichloroethene	9.09	130	14660	5.471	ug/l	98
45) 1,2-Dichloropropane	9.37	63	13827	5.370	ug/l	90
46) Dibromomethane	9.46	93	7563	5.737	ug/l	97
47) Bromodichloromethane	9.65	83	18173	5.378	ug/l	89
48) Methyl methacrylate	9.45	41	6488	4.574	ug/l	96
49) 1,4-Dioxane	9.48	88	862	43.306	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	38629	25.119	ug/l	98
52) Toluene	10.39	92	32805	5.059	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	16248	4.707	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	19646	5.001	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	10021	5.394	ug/l	90
56) Ethyl methacrylate	10.65	69	9814	4.351	ug/l	93
57) 1,3-Dichloropropane	10.93	76	17682	5.519	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	24205	23.936	ug/l	99
59) 2-Hexanone	10.98	43	25112	23.375	ug/l	97
60) Dibromochloromethane	11.13	129	11224	5.081	ug/l	98
61) 1,2-Dibromoethane	11.24	107	8898	5.064	ug/l	99
64) Tetrachloroethene	10.87	164	12903	5.489	ug/l	96
65) Chlorobenzene	11.66	112	38420	5.249	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	12981	5.047	ug/l	100
67) Ethyl Benzene	11.74	91	61816	4.765	ug/l	99
68) m/p-Xylenes	11.85	106	45716	9.270	ug/l	100
69) o-Xylene	12.18	106	21237	4.646	ug/l	100
70) Styrene	12.19	104	33141	4.356	ug/l	96
71) Bromoform	12.35	173	6458	4.845	ug/l #	98
73) Isopropylbenzene	12.47	105	57904	4.532	ug/l	99
74) N-amyl acetate	12.28	43	13385	4.602	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	11262	5.210	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14902	9.489	ug/l #	100
77) Bromobenzene	12.75	156	15120	5.081	ug/l	98
78) n-propylbenzene	12.81	91	71267	4.555	ug/l	100
79) 2-Chlorotoluene	12.90	91	42384	4.794	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	48723	4.543	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3175	4.652	ug/l	99
82) 4-Chlorotoluene	12.99	91	45016	4.799	ug/l	97
83) tert-Butylbenzene	13.21	119	41524	4.543	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	50665	4.592	ug/l	98
85) sec-Butylbenzene	13.39	105	61502	4.527	ug/l	99
86) p-Isopropyltoluene	13.51	119	53269	4.445	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	31039	5.077	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	31605	5.200	ug/l	94
89) n-Butylbenzene	13.84	91	52226	4.471	ug/l	98
90) Hexachloroethane	14.10	117	10699	4.936	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	27932	5.216	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1960	5.388	ug/l	96

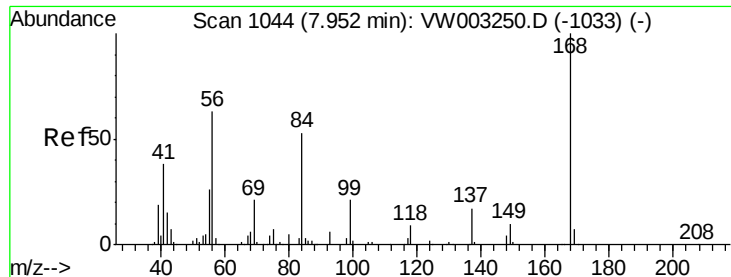
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	19147	5.093	ug/l	95
94) Hexachlorobutadiene	15.25	225	11181	4.945	ug/l	98
95) Naphthalene	15.38	128	27621	4.332	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	16743	5.060	ug/l	96

(#) = 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: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

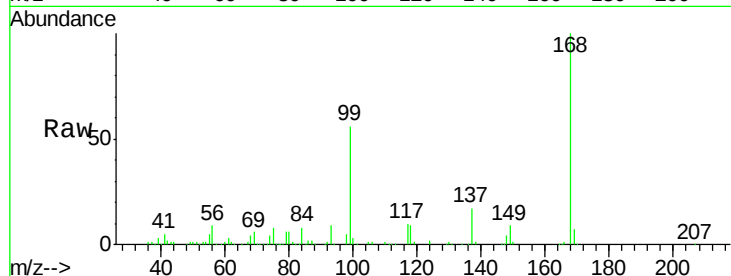
LOQ-SCM-Precision-Bias-3

Tgt Ion:168 Resp: 236541

Ion Ratio Lower Upper

168 100

99 55.6 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

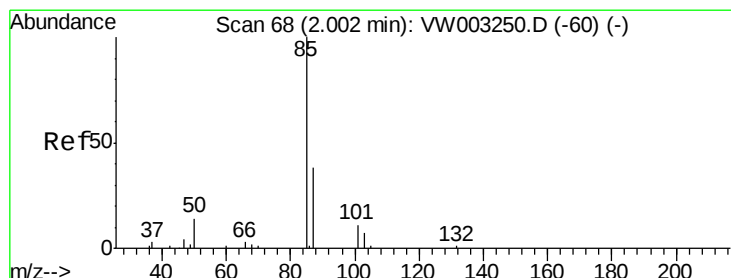
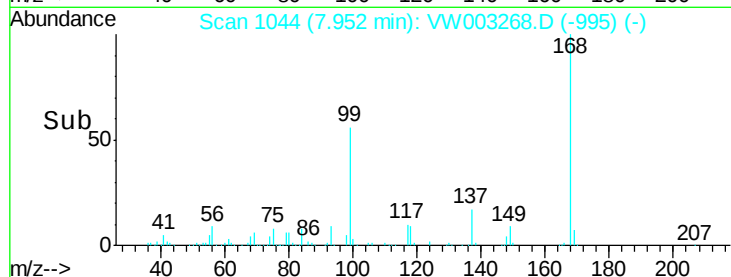
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.575 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003268.D

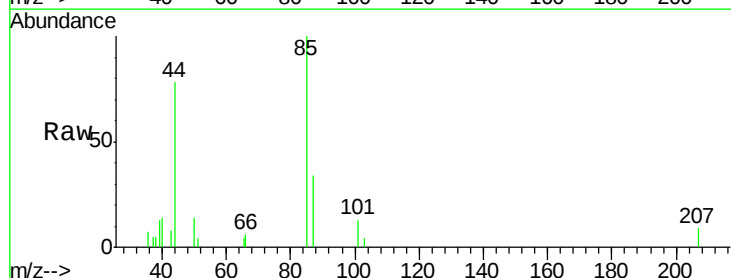
Acq: 14 Jun 2018 21:50

Tgt Ion: 85 Resp: 3272

Ion Ratio Lower Upper

85 100

87 34.3 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

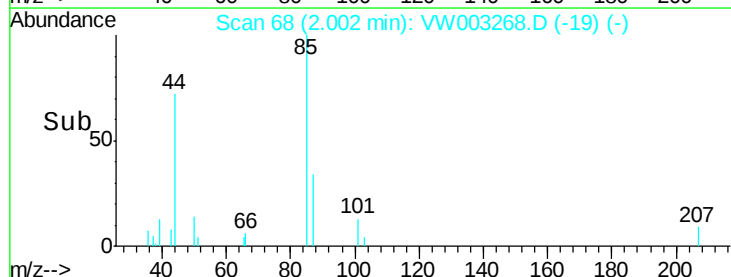
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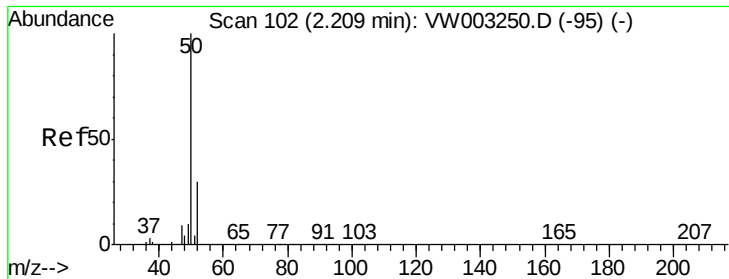
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.171 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

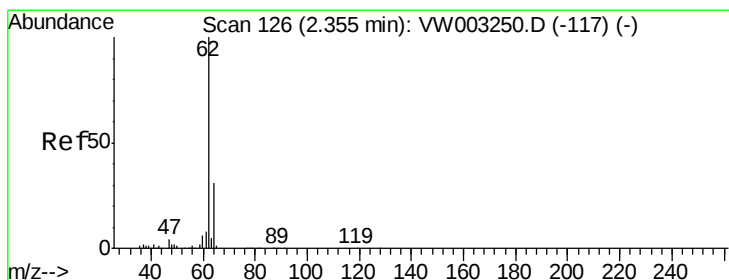
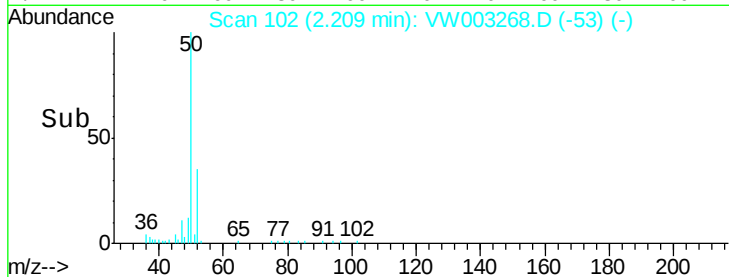
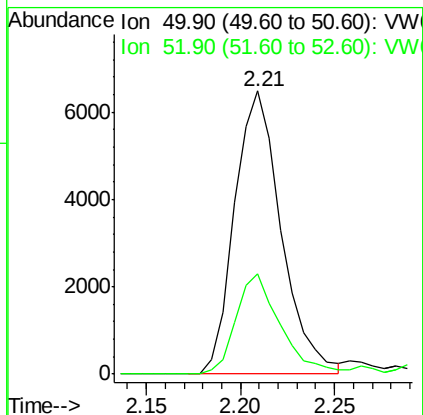
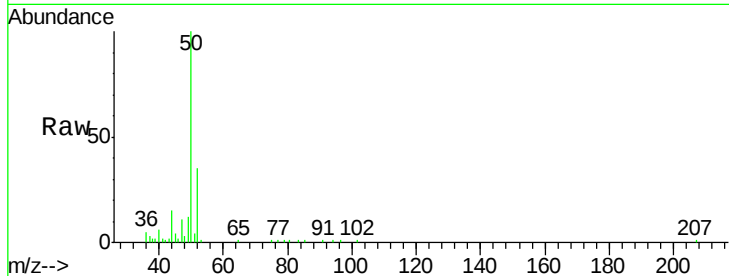
LOQ-SCM-Precision-Bias-3

Tgt Ion: 50 Resp: 11150

Ion Ratio Lower Upper

50 100

52 35.3 24.2 36.2



#4

Vinyl Chloride

Concen: 5.915 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003268.D

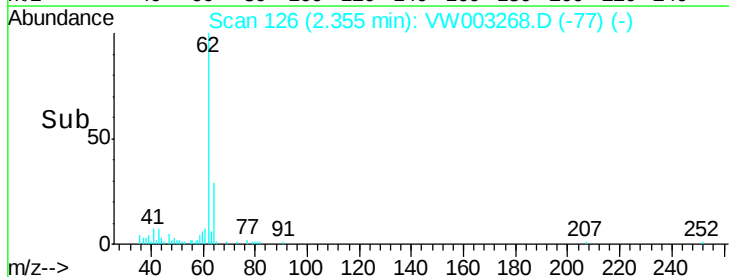
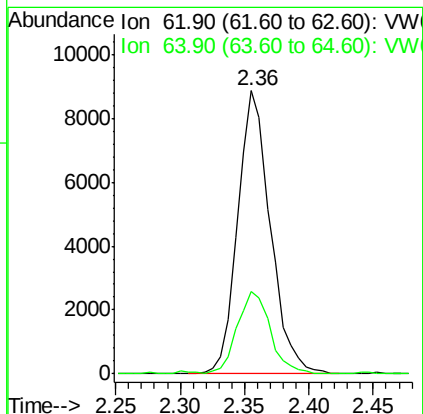
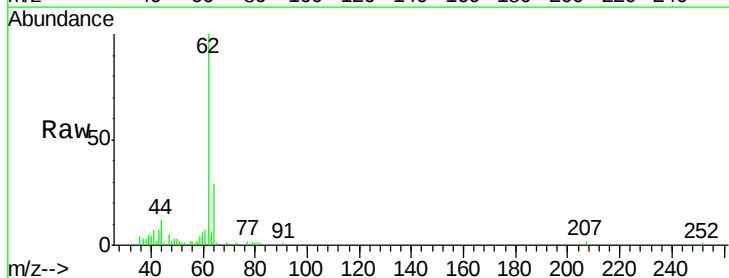
Acq: 14 Jun 2018 21:50

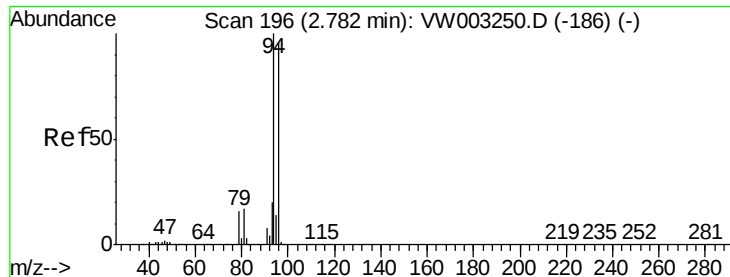
Tgt Ion: 62 Resp: 15580

Ion Ratio Lower Upper

62 100

64 29.0 24.9 37.3





#5

Bromomethane

Concen: 6.217 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

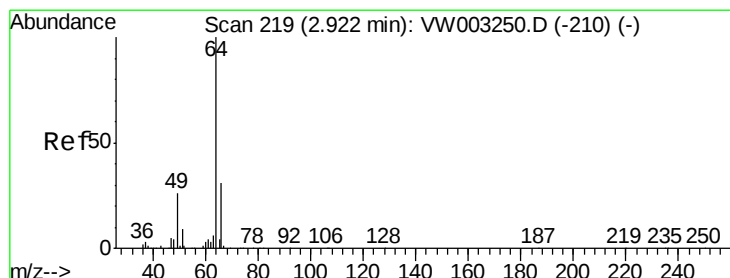
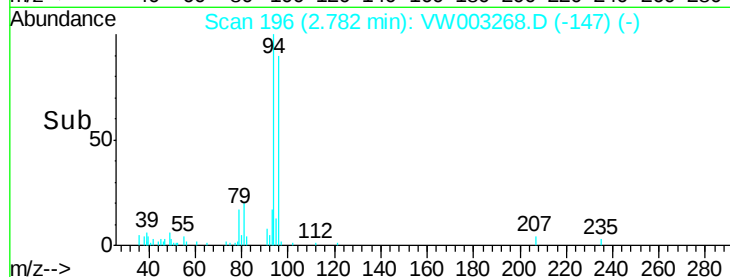
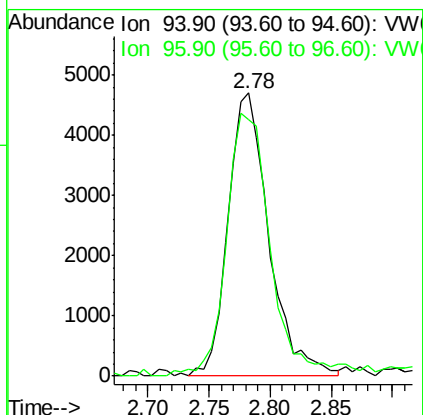
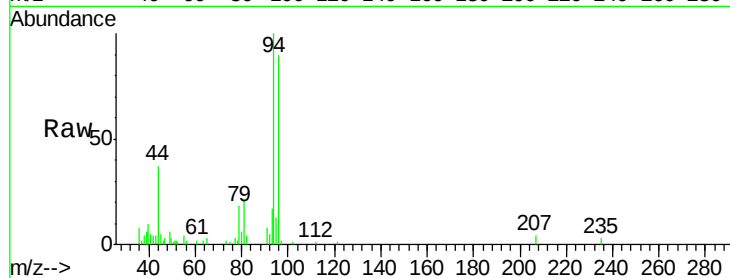
LOQ-SCM-Precision-Bias-3

Tgt Ion: 94 Resp: 10884

Ion Ratio Lower Upper

94 100

96 88.1 76.5 114.7



#6

Chloroethane

Concen: 5.551 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003268.D

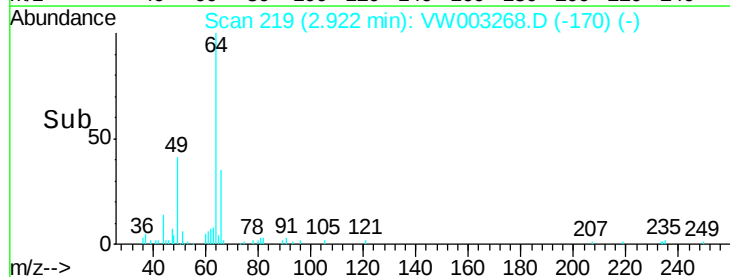
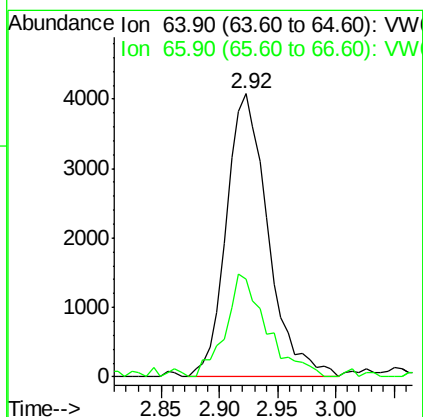
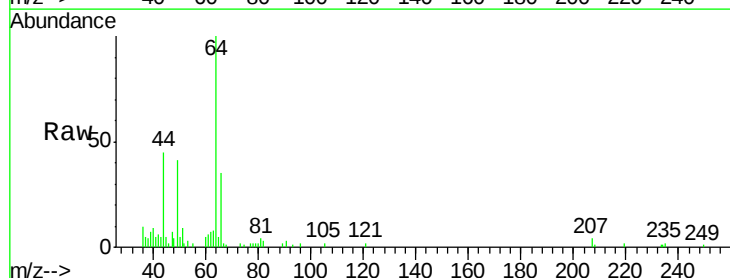
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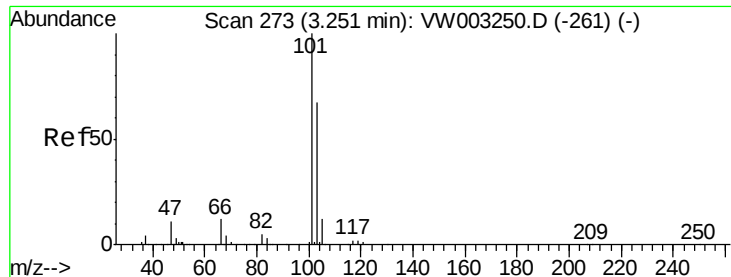
Tgt Ion: 64 Resp: 10177

Ion Ratio Lower Upper

64 100

66 34.6 24.4 36.6



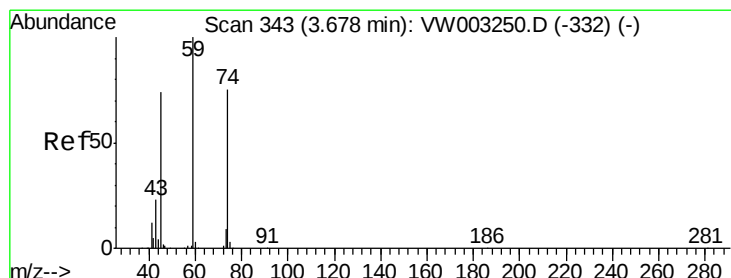
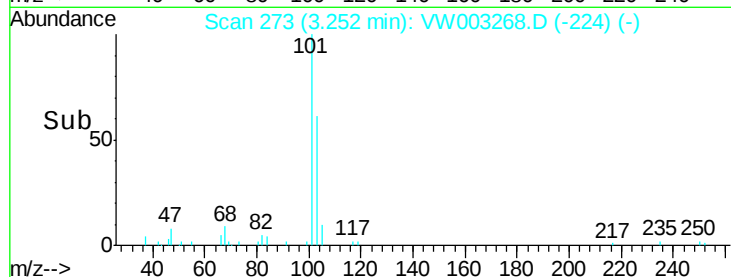
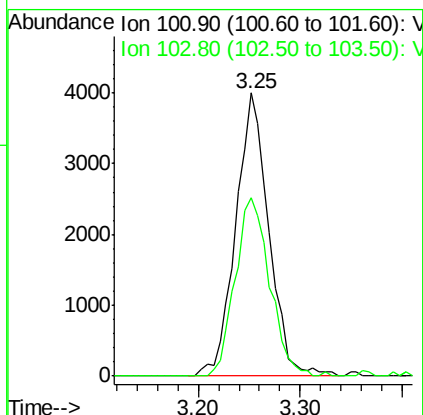
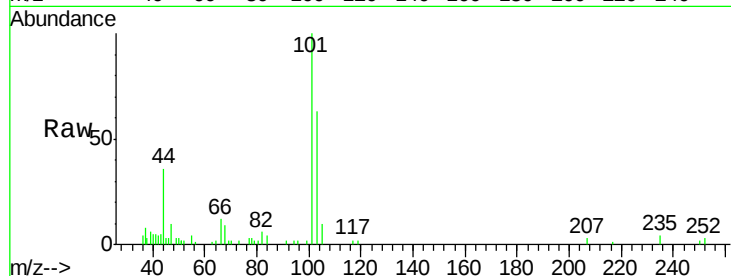


#7

Trichlorofluoromethane
 Concen: 5.697 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003268.D
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Instrument :
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 LOQ-SCM-Precision-Bias-3

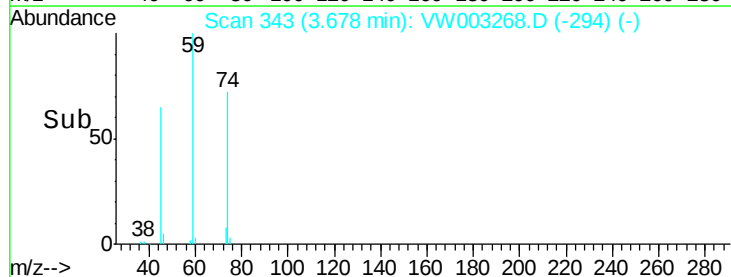
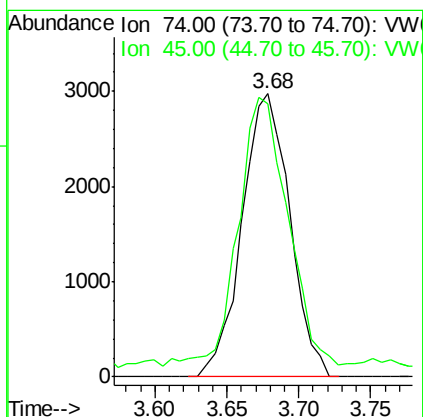
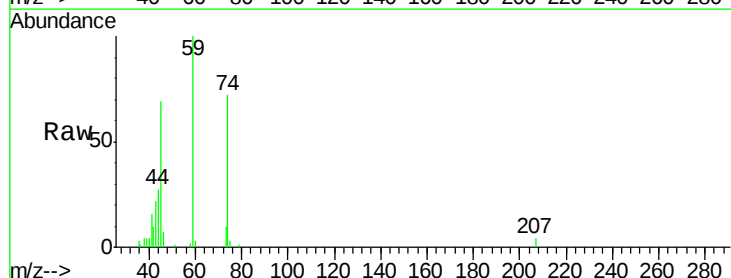
Tgt Ion: 101 Resp: 8990
 Ion Ratio Lower Upper
 101 100
 103 63.1 53.4 80.0

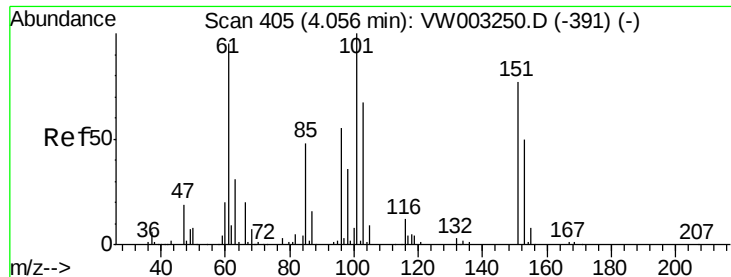


#8

Diethyl Ether
 Concen: 5.895 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 74 Resp: 6833
 Ion Ratio Lower Upper
 74 100
 45 112.1 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.427 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

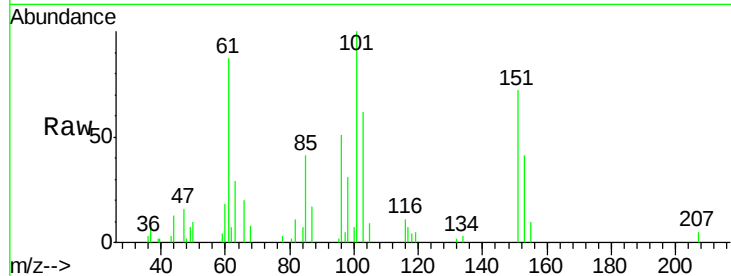
Tgt Ion:101 Resp: 11892

Ion Ratio Lower Upper

101 100

85 46.2 37.0 55.6

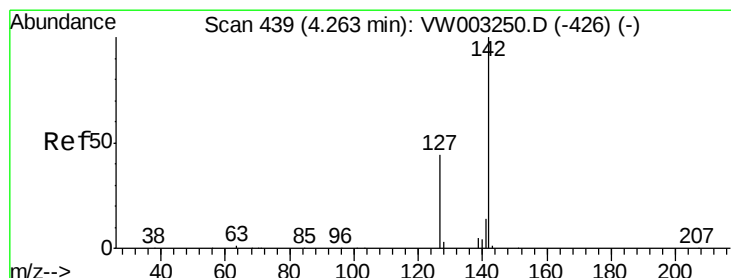
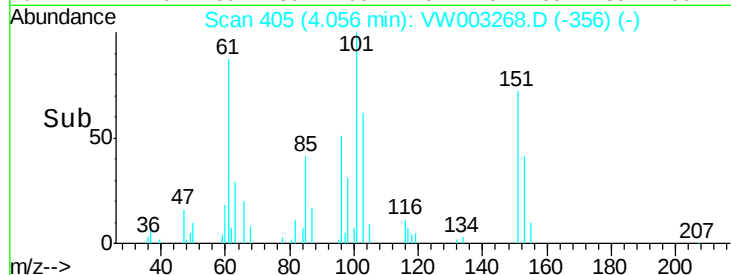
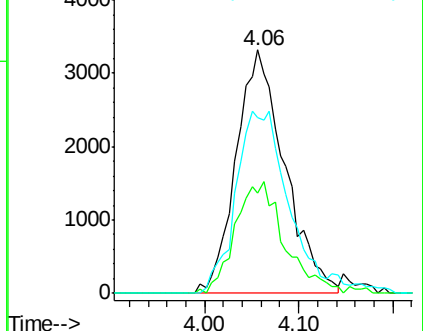
151 79.5 63.3 94.9



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: 5.378 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

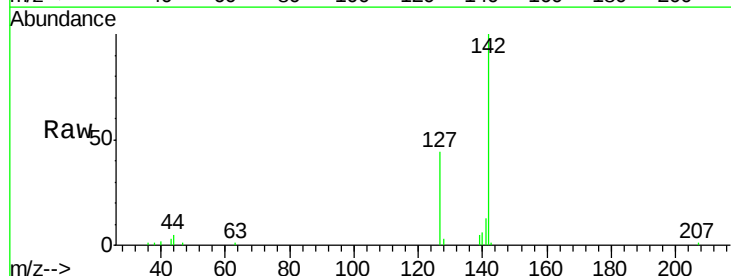
Tgt Ion:142 Resp: 17821

Ion Ratio Lower Upper

142 100

127 48.6 36.5 54.7

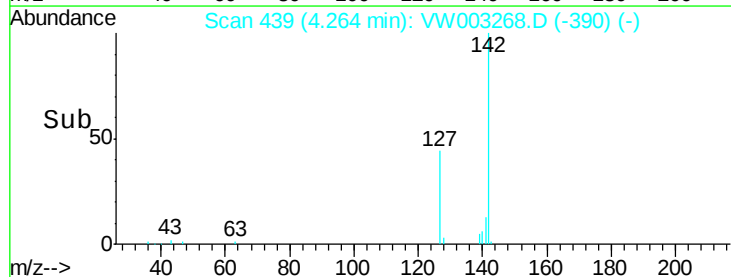
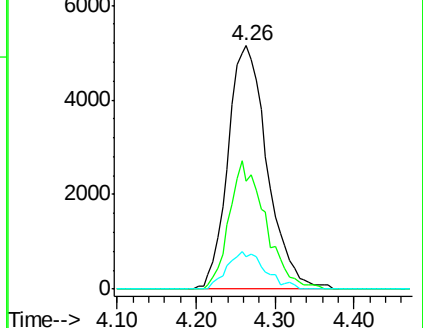
141 14.9 12.1 18.1

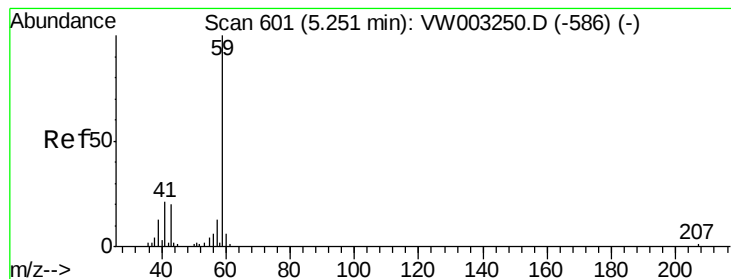


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



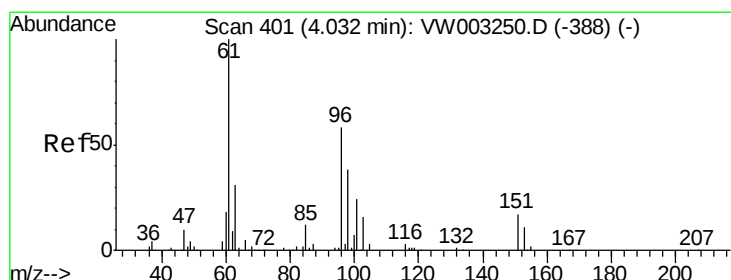
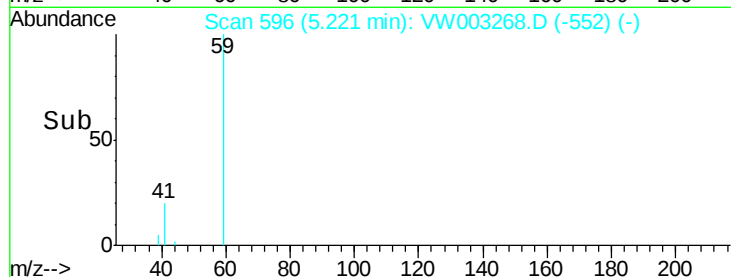
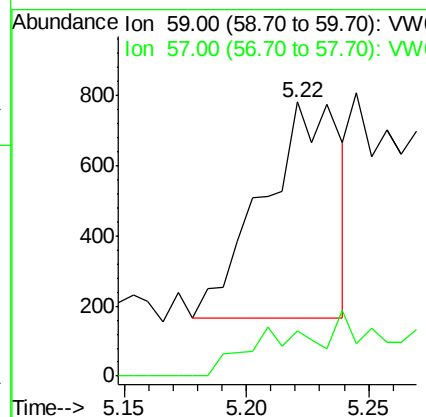
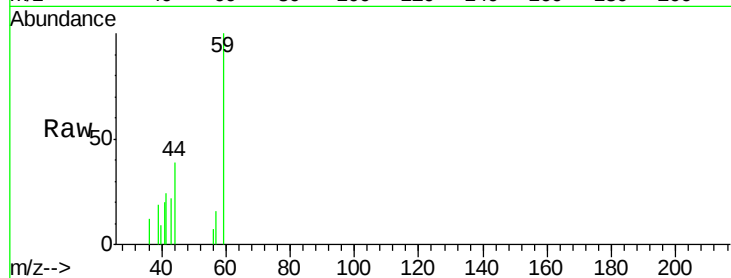


#11

Tert butyl alcohol
 Concen: 9.810 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

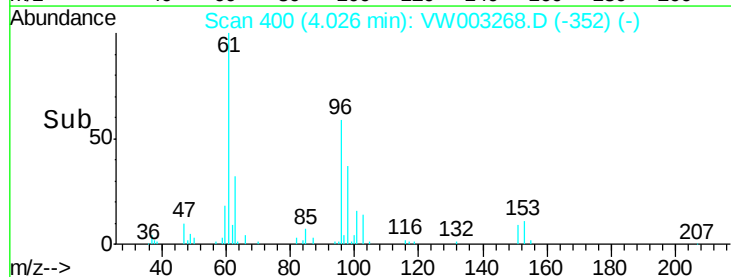
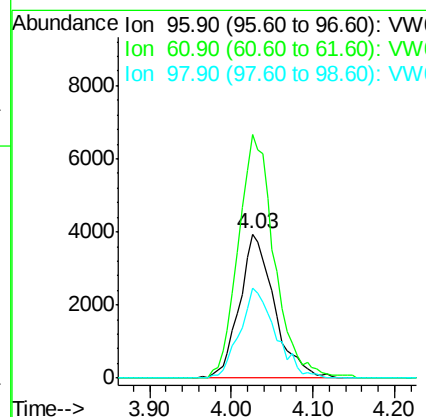
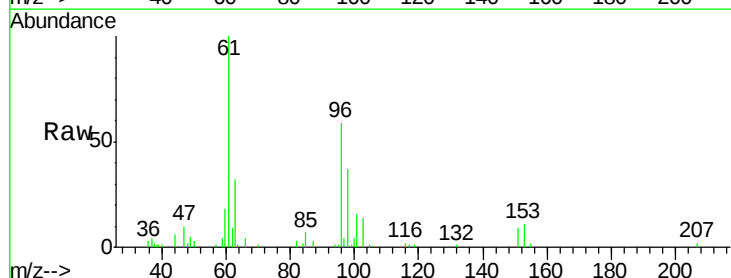
Tgt Ion: 59 Resp: 1348
 Ion Ratio Lower Upper
 59 100
 57 17.9 4.2 6.2#

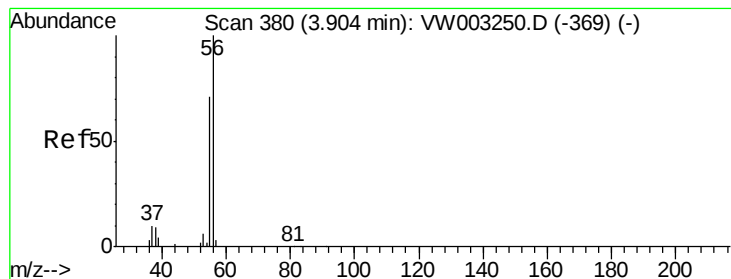


#12

1,1-Dichloroethene
 Concen: 5.437 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 96 Resp: 11643
 Ion Ratio Lower Upper
 96 100
 61 168.9 139.0 208.4
 98 62.4 53.3 79.9





#13

Acrolein

Concen: 27.787 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

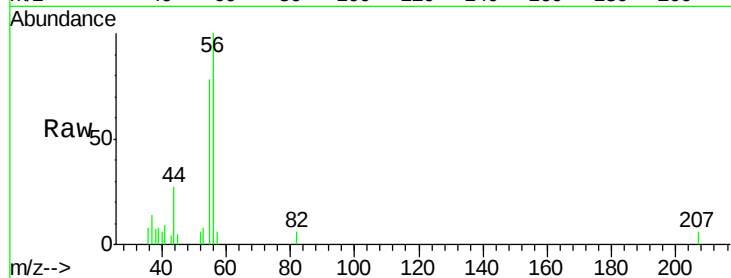
LOQ-SCM-Precision-Bias-3

Tgt Ion: 56 Resp: 5459

Ion Ratio Lower Upper

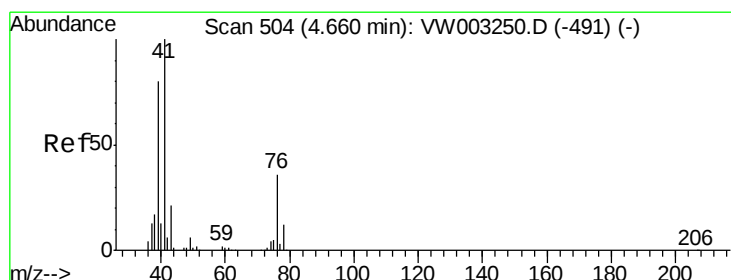
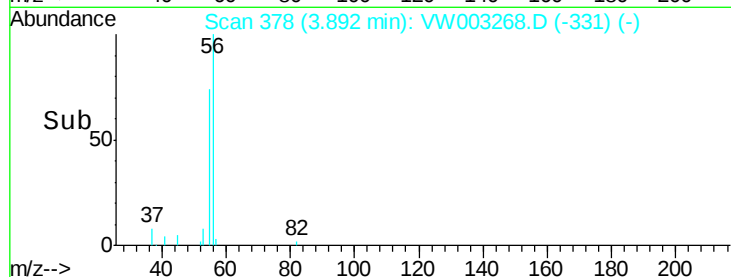
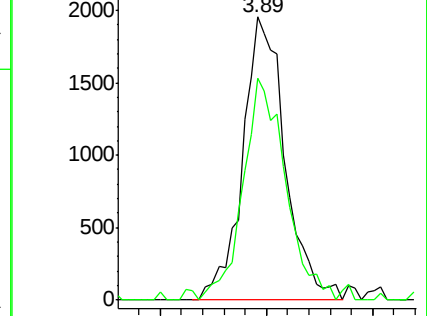
56 100

55 78.5 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 5.393 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

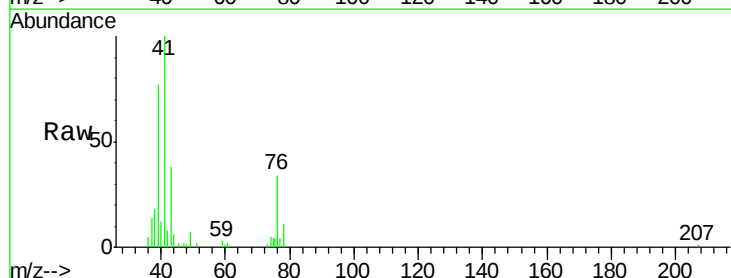
Tgt Ion: 41 Resp: 20002

Ion Ratio Lower Upper

41 100

39 80.3 63.2 94.8

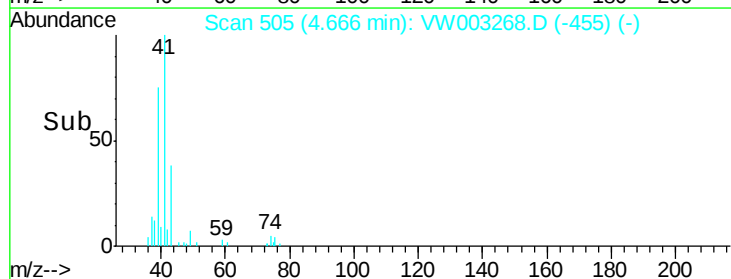
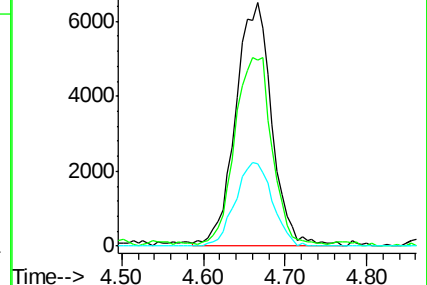
76 34.8 28.0 42.0

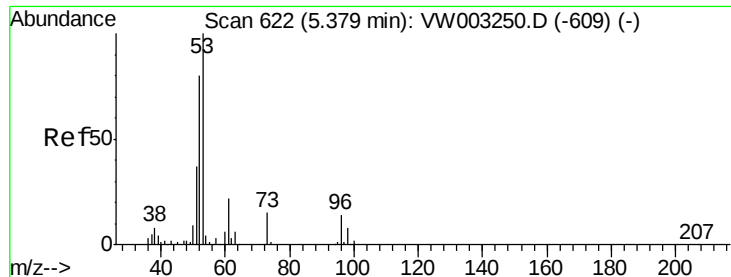


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 28.480 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

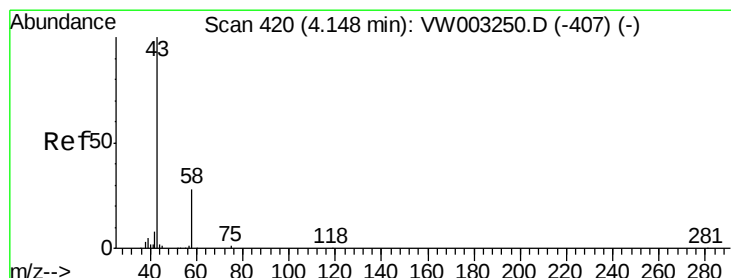
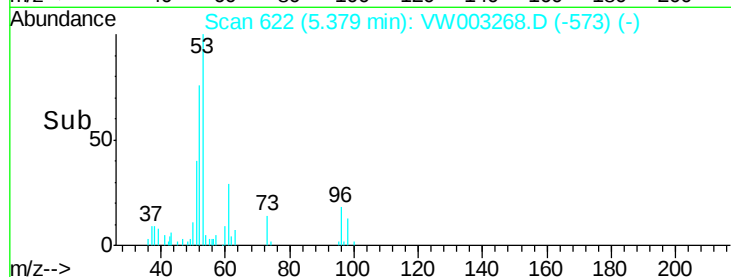
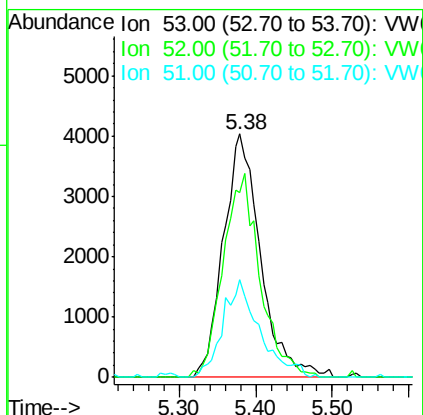
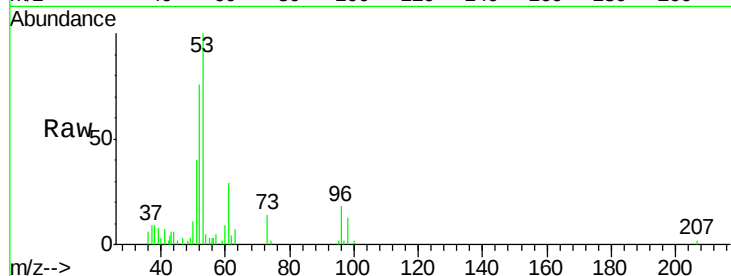
Tgt Ion: 53 Resp: 13583

Ion Ratio Lower Upper

53 100

52 83.2 66.6 100.0

51 39.7 30.6 46.0



#16

Acetone

Concen: 30.364 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003268.D

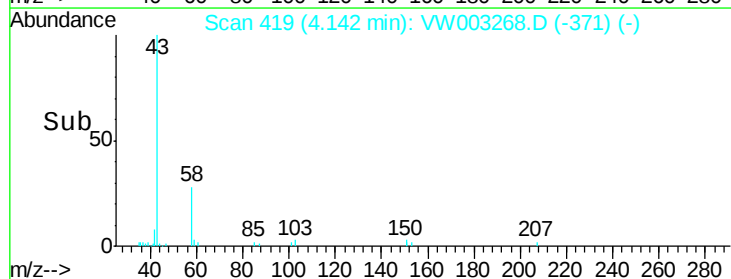
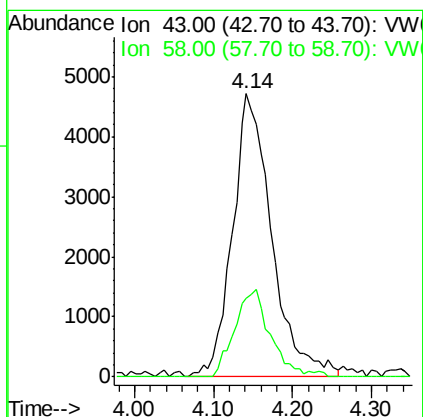
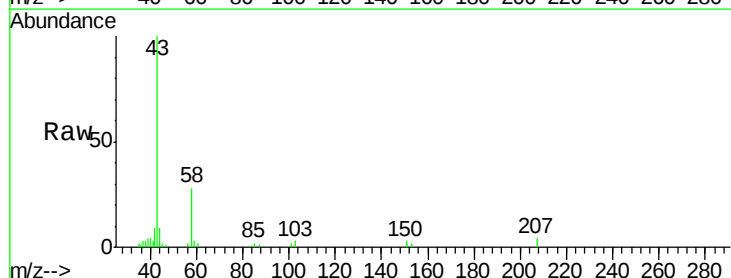
Acq: 14 Jun 2018 21:50

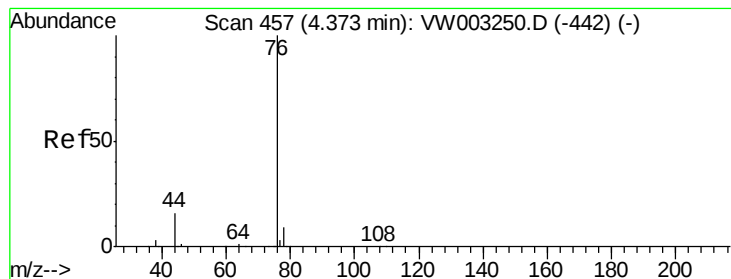
Tgt Ion: 43 Resp: 16316

Ion Ratio Lower Upper

43 100

58 28.0 22.6 34.0





#17

Carbon Disulfide

Concen: 5.851 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

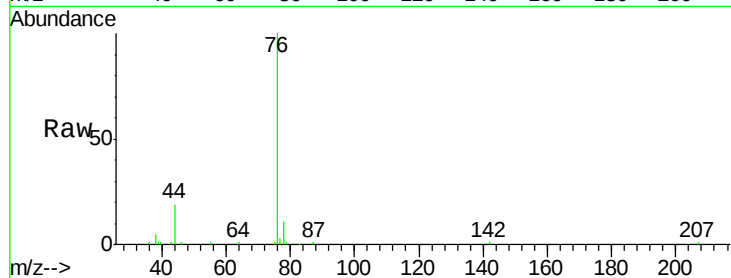
LOQ-SCM-Precision-Bias-3

Tgt Ion: 76 Resp: 37038

Ion Ratio Lower Upper

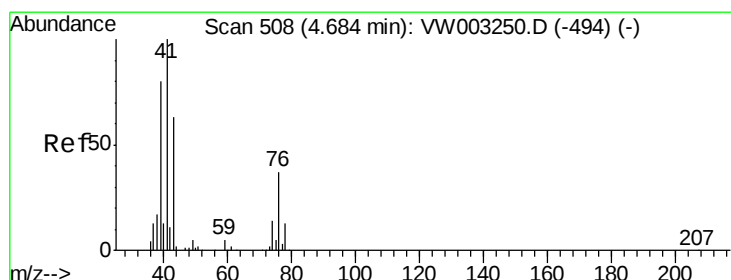
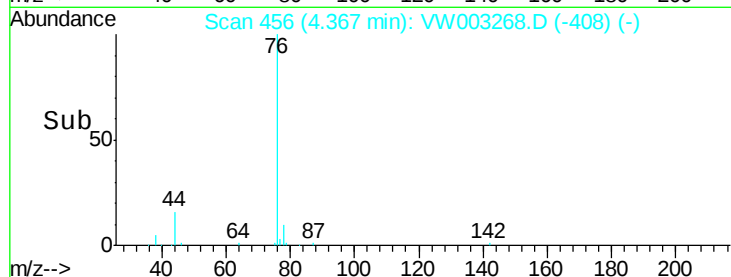
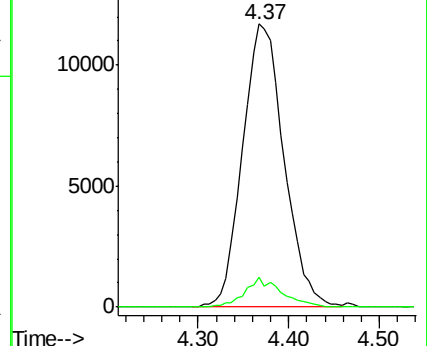
76 100

78 10.8 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 7.239 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003268.D

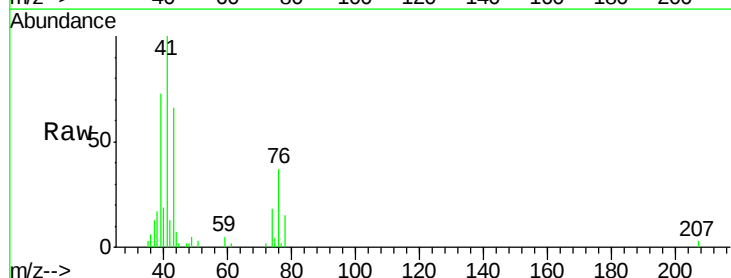
Acq: 14 Jun 2018 21:50

Tgt Ion: 43 Resp: 9228

Ion Ratio Lower Upper

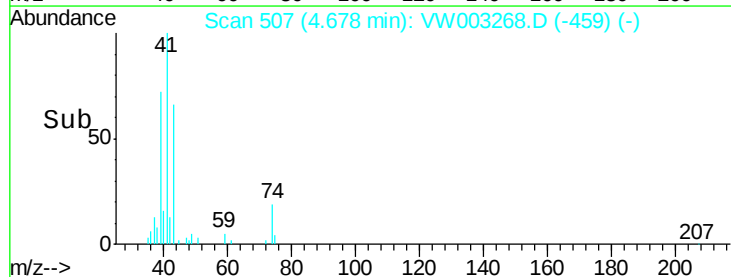
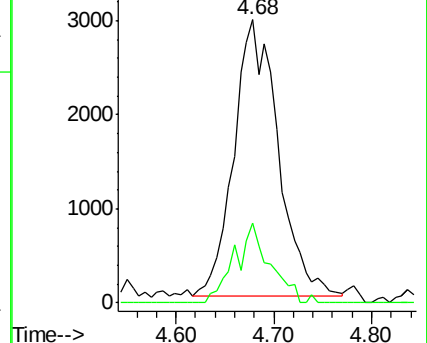
43 100

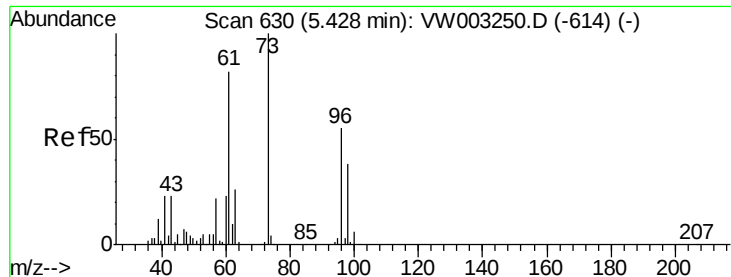
74 22.6 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

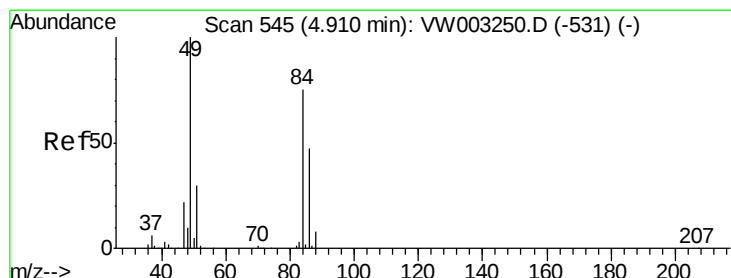
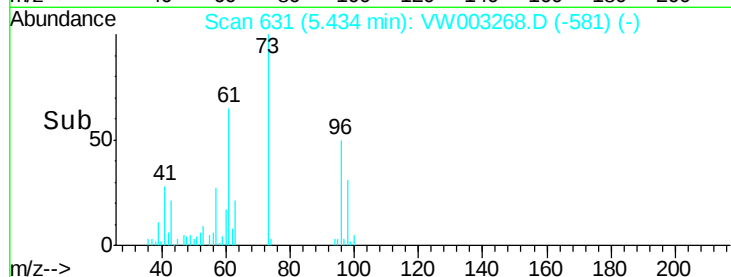
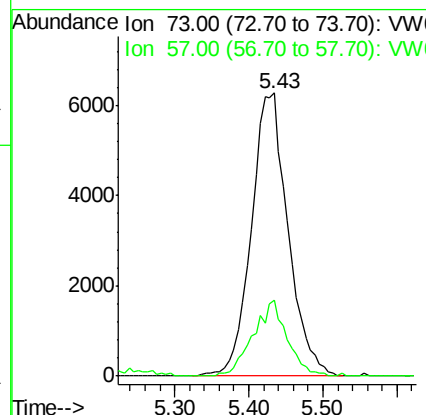
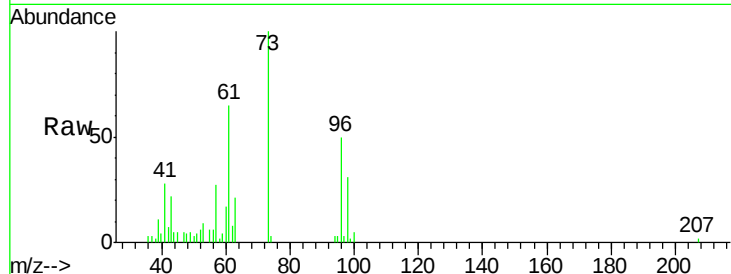




#19
Methyl tert-butyl Ether
Concen: 5.397 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

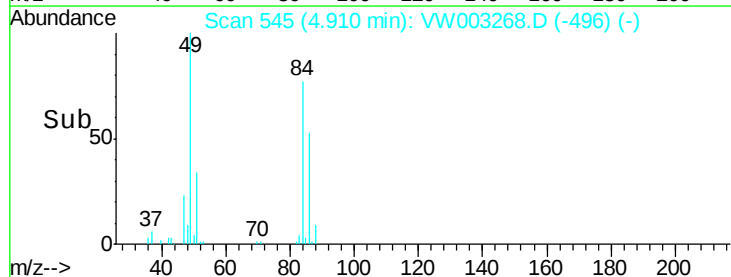
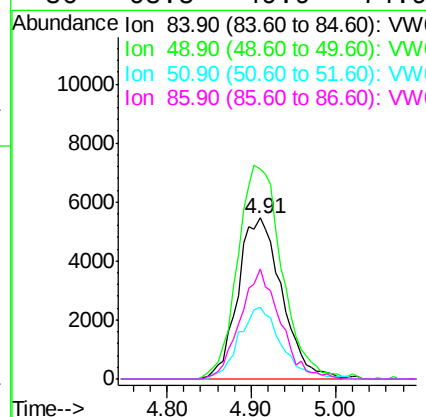
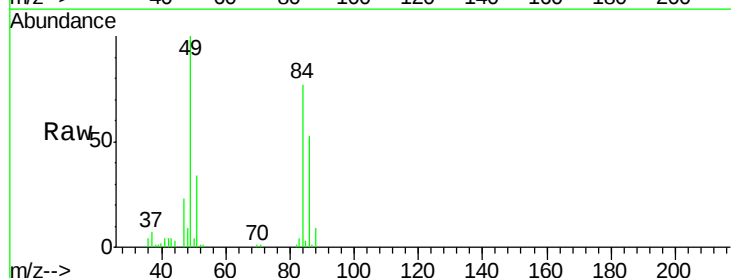
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

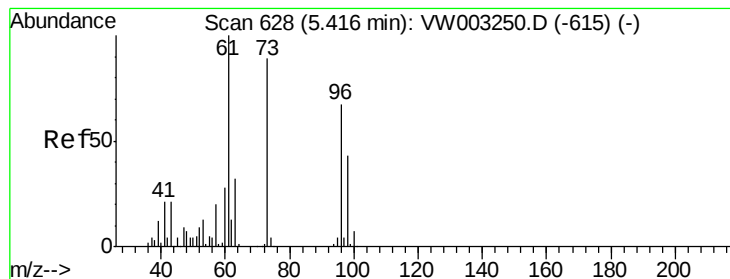
Tgt Ion: 73 Resp: 21644
Ion Ratio Lower Upper
73 100
57 27.1 18.0 27.0#



#20
Methylene Chloride
Concen: 5.179 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 84 Resp: 19333
Ion Ratio Lower Upper
84 100
49 130.1 106.3 159.5
51 44.1 32.0 48.0
86 68.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.656 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

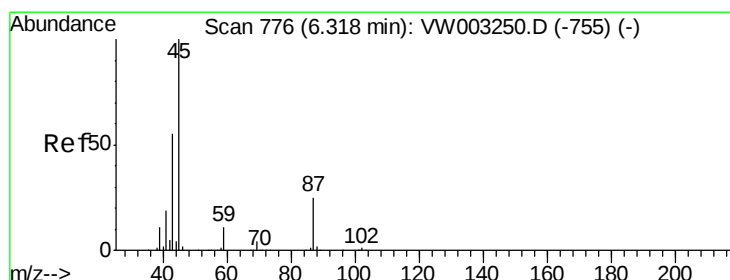
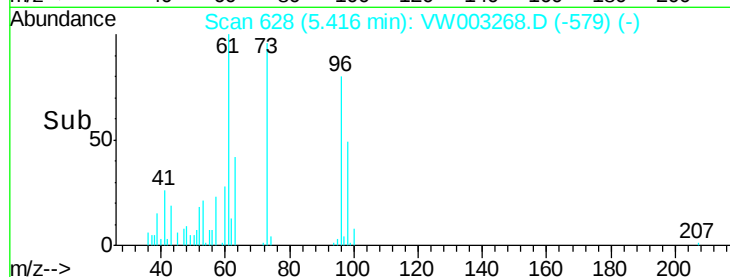
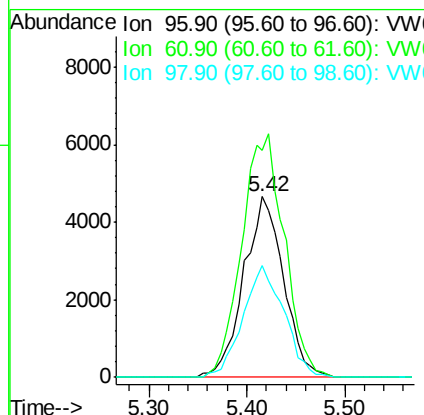
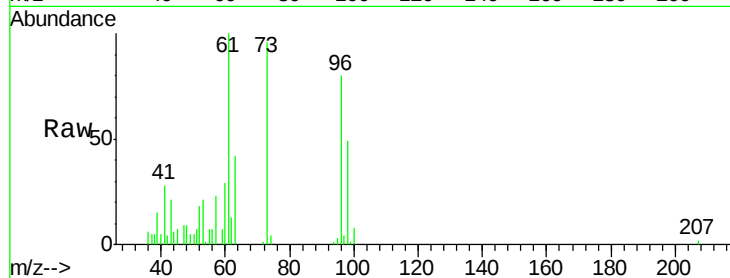
Tgt Ion: 96 Resp: 13181

Ion Ratio Lower Upper

96 100

61 125.7 118.7 178.1

98 61.6 51.0 76.6



#22

Diisopropyl ether

Concen: 5.062 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Tgt Ion: 45 Resp: 37788

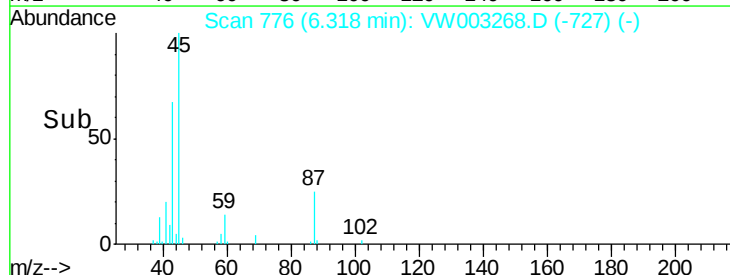
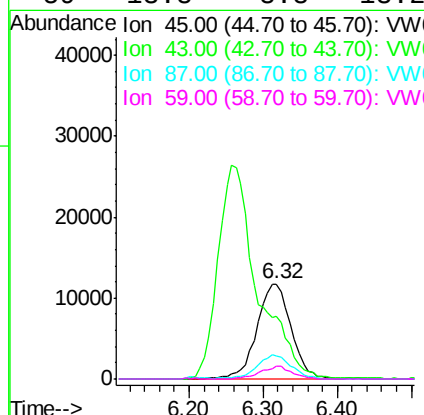
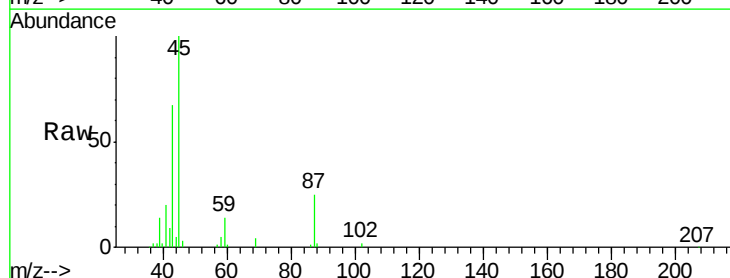
Ion Ratio Lower Upper

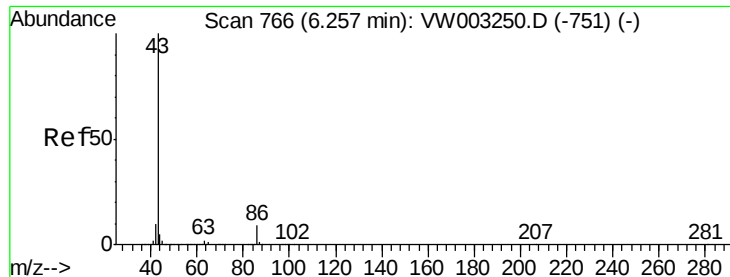
45 100

43 65.1 44.0 66.0

87 24.9 20.6 31.0

59 13.8 8.8 13.2#

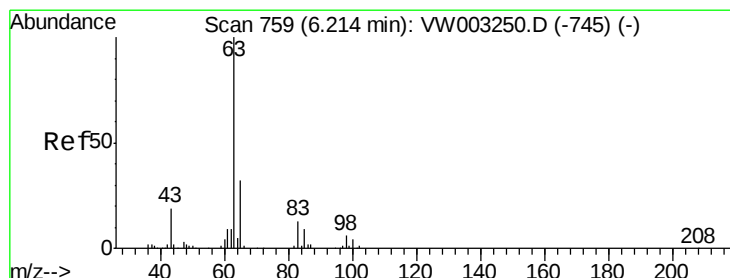
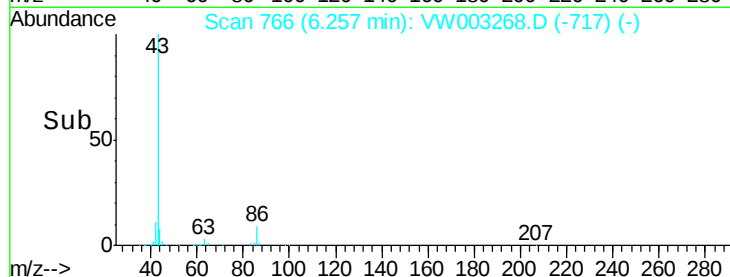
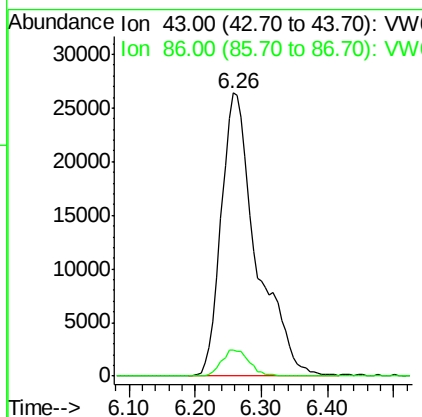
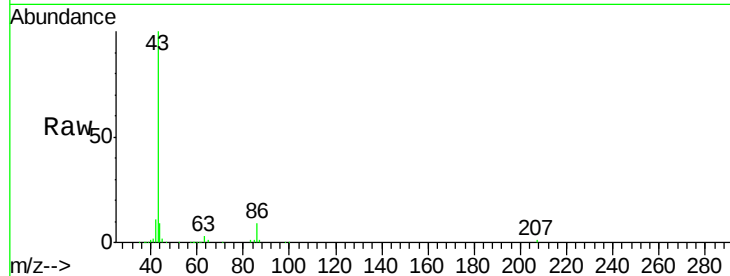




#23
 Vinyl Acetate
 Concen: 22.777 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

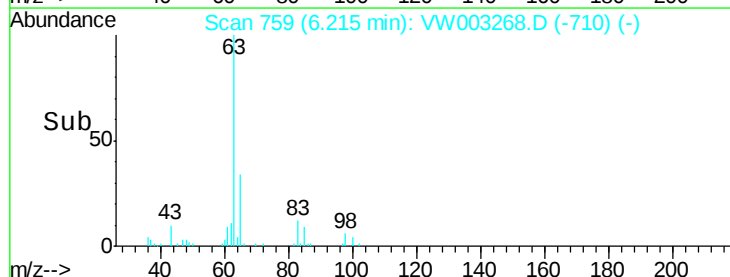
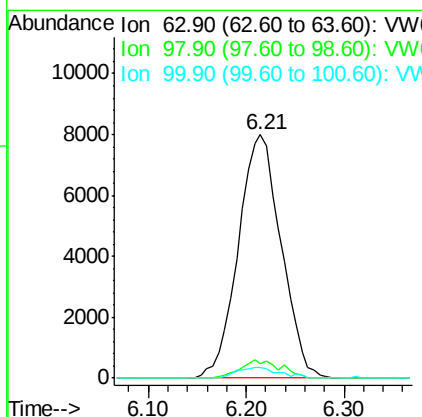
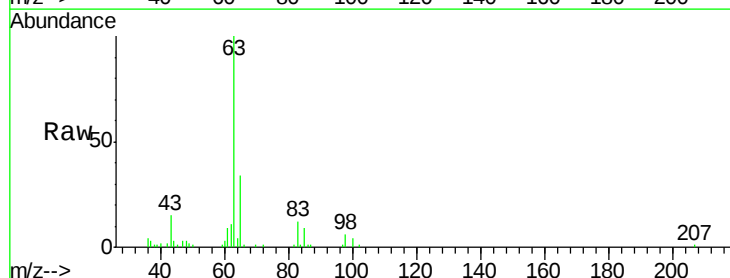
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

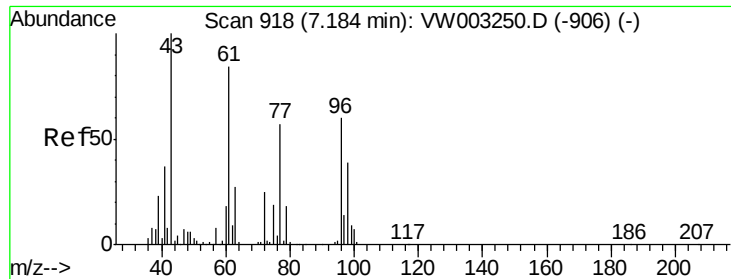
Tgt Ion: 43 Resp: 97980
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 5.473 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 63 Resp: 24252
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.8 8.3
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 27.585 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

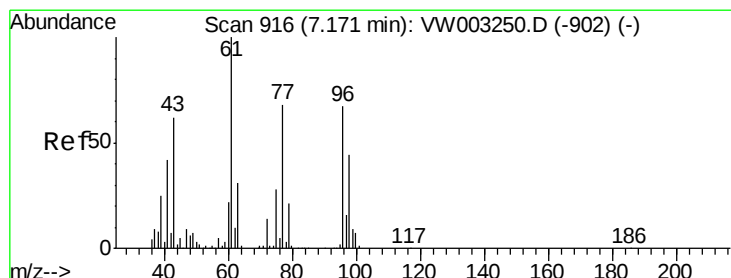
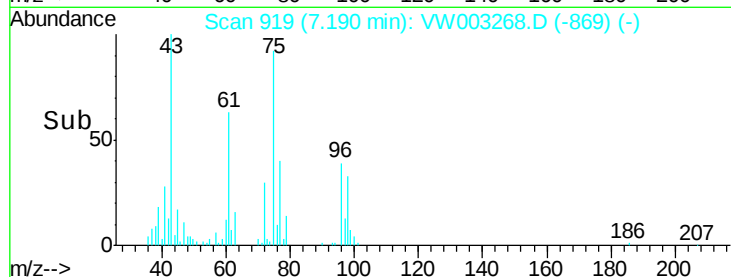
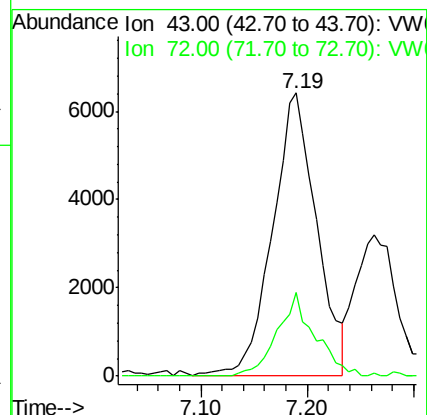
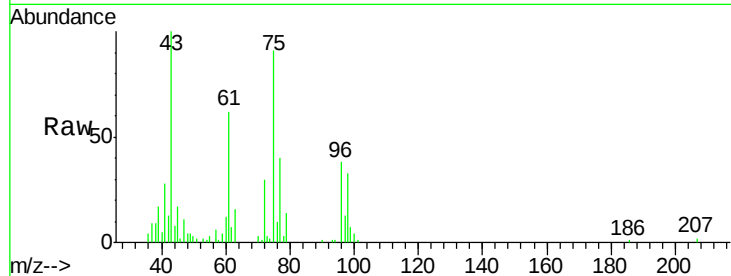
LOQ-SCM-Precision-Bias-3

Tgt Ion: 43 Resp: 18432

Ion Ratio Lower Upper

43 100

72 29.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.619 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003268.D

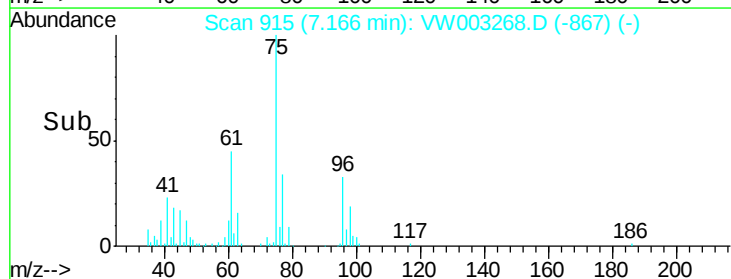
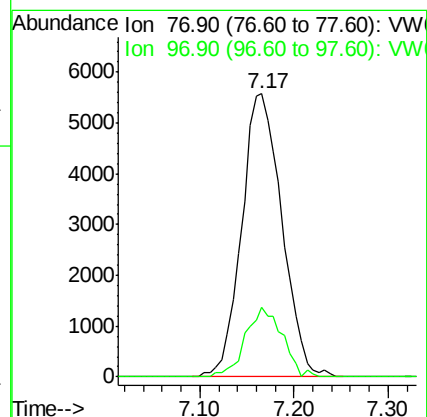
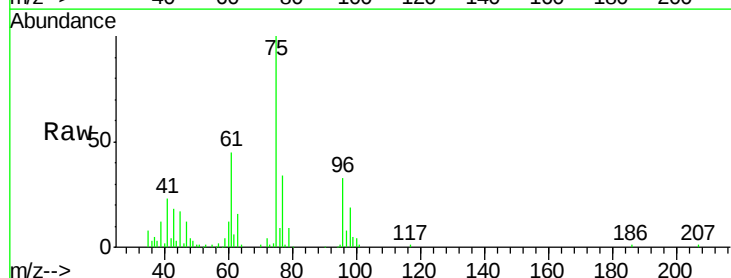
Acq: 14 Jun 2018 21:50

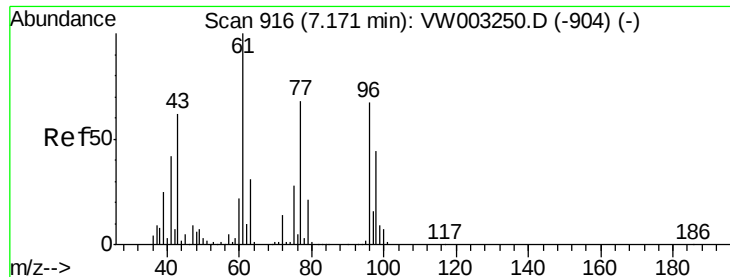
Tgt Ion: 77 Resp: 16617

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9



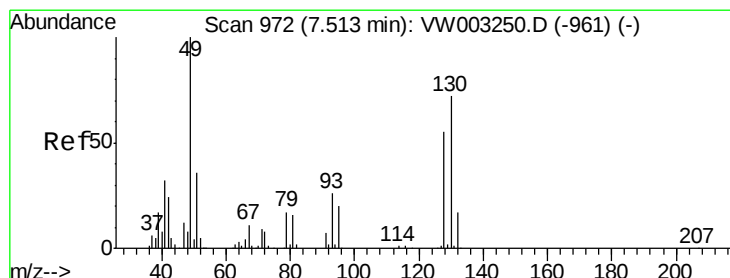
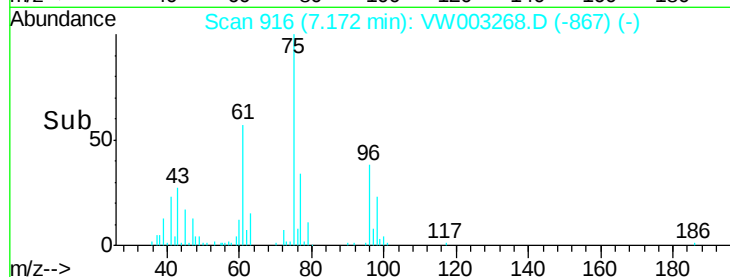
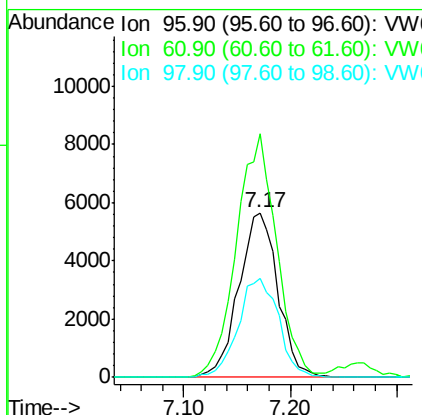
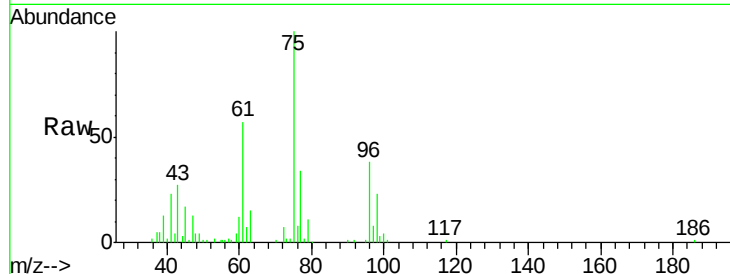


#27

cis-1,2-Dichloroethene
 Concen: 5.689 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

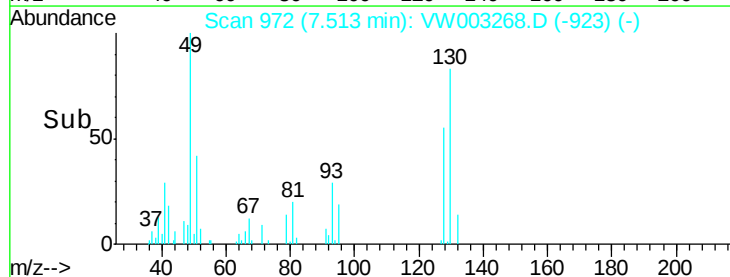
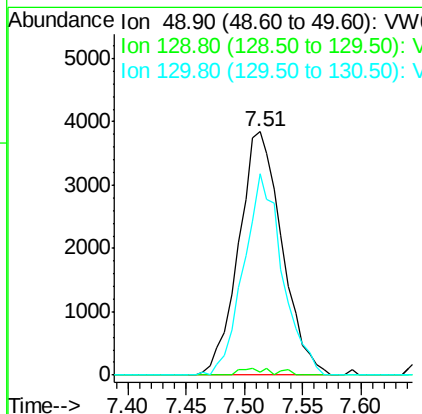
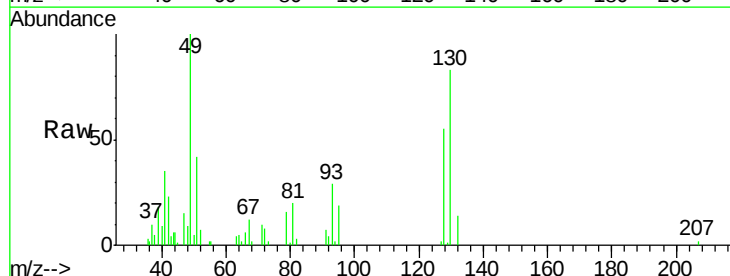
Tgt Ion: 96 Resp: 14565
 Ion Ratio Lower Upper
 96 100
 61 152.4 0.0 298.8
 98 62.1 0.0 130.4

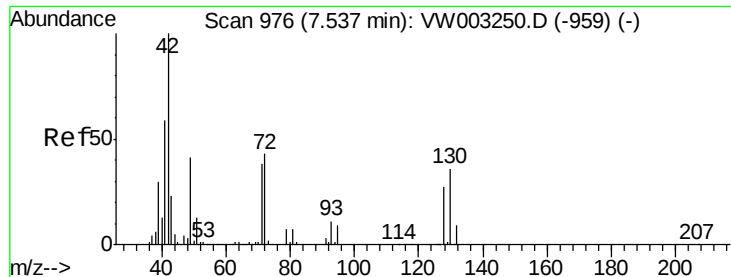


#28

Bromochloromethane
 Concen: 5.377 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 49 Resp: 9916
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 74.1 59.4 89.2

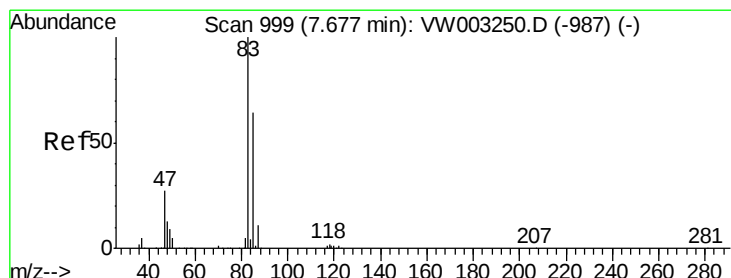
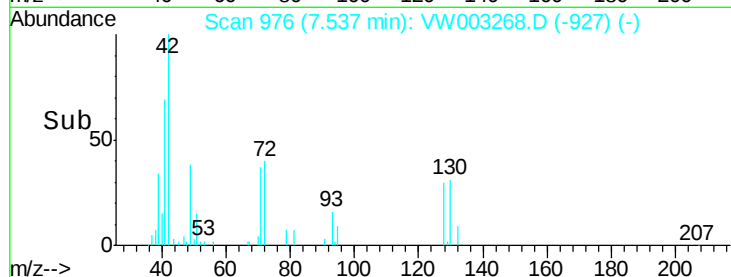
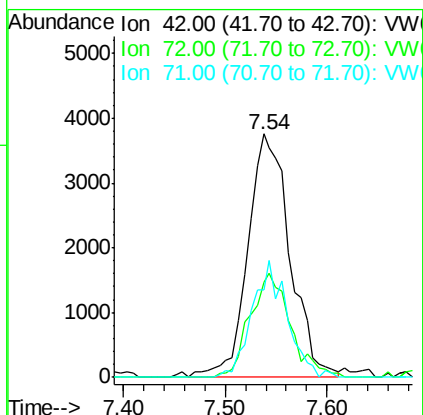
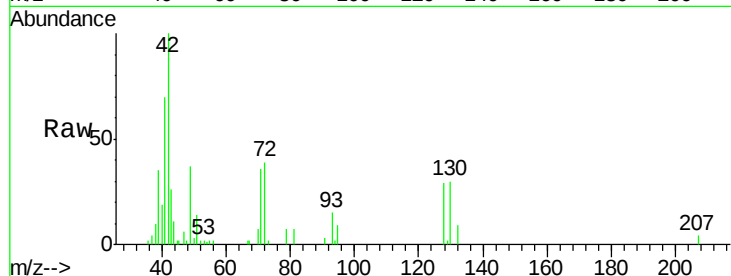




#29
Tetrahydrofuran
Concen: 26.376 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

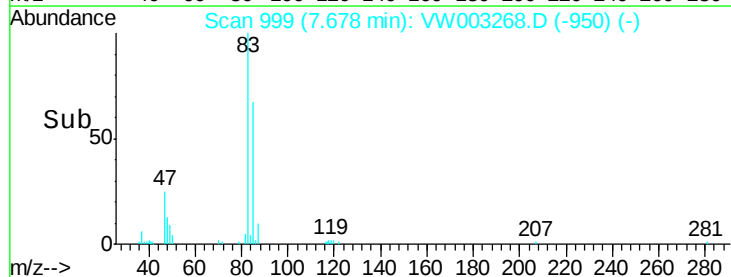
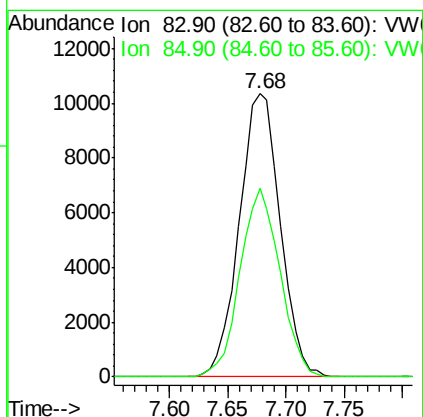
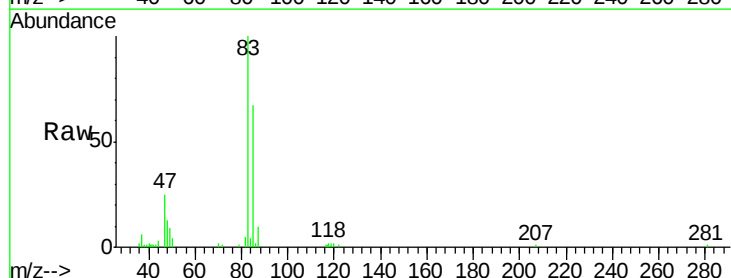
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

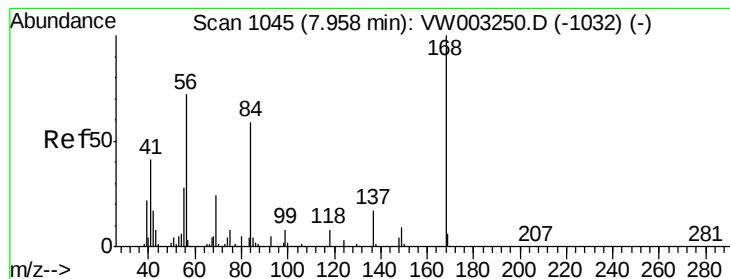
Tgt Ion: 42 Resp: 10771
Ion Ratio Lower Upper
42 100
72 41.1 32.4 48.6
71 39.9 31.2 46.8



#30
Chloroform
Concen: 5.610 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 83 Resp: 25326
Ion Ratio Lower Upper
83 100
85 66.9 51.3 76.9





#31

Cyclohexane

Concen: 6.081 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

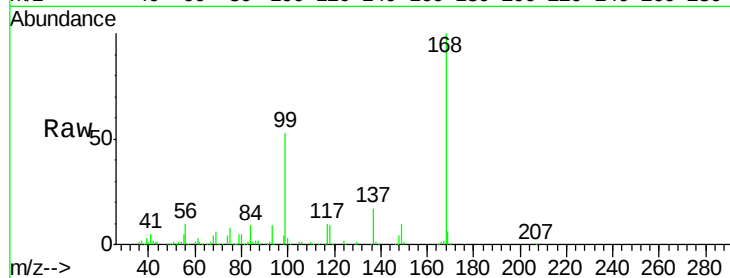
Tgt Ion: 56 Resp: 25177

Ion Ratio Lower Upper

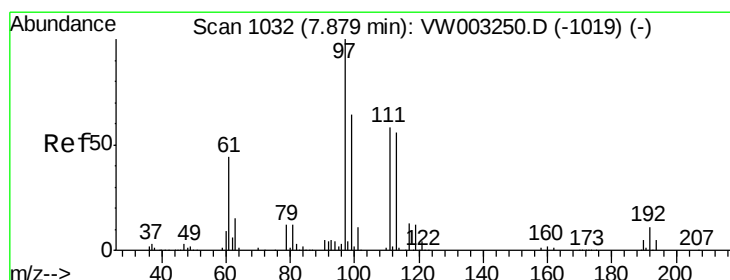
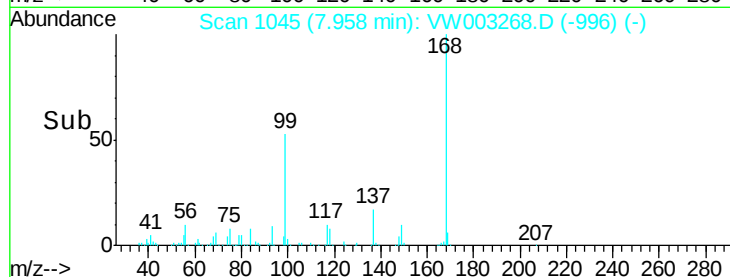
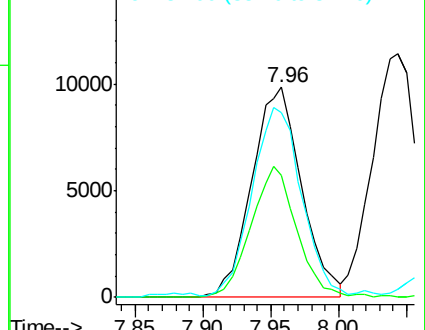
56 100

69 58.1 26.3 39.5#

84 85.8 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: 5.561 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

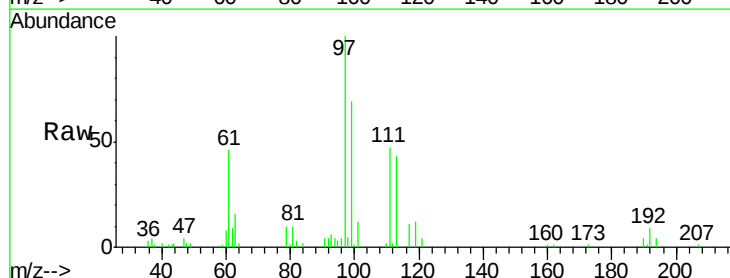
Tgt Ion: 97 Resp: 20725

Ion Ratio Lower Upper

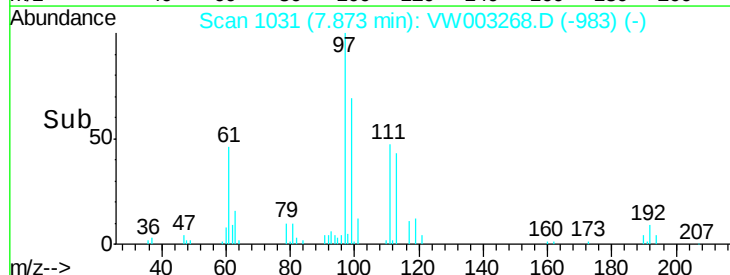
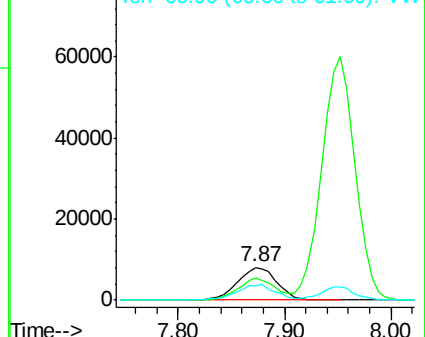
97 100

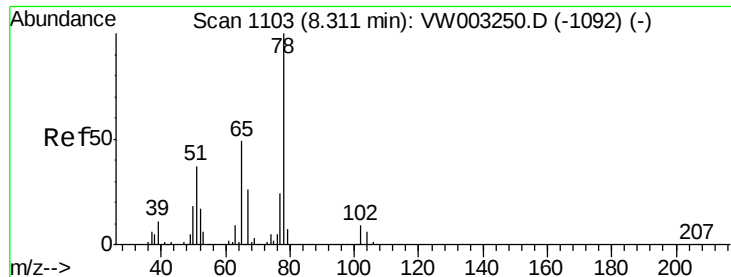
99 63.1 51.7 77.5

61 46.5 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: 5.453 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

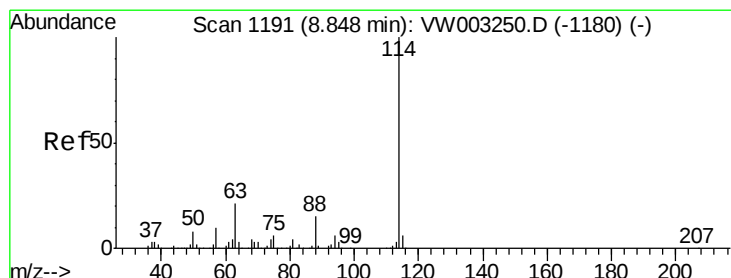
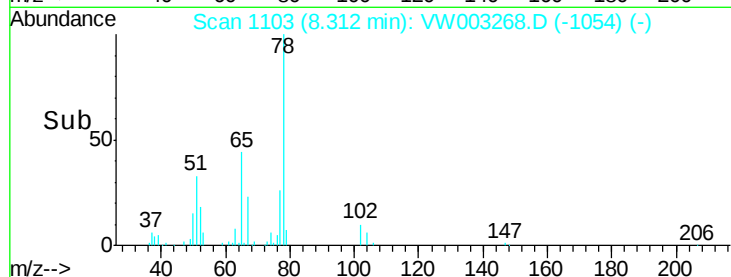
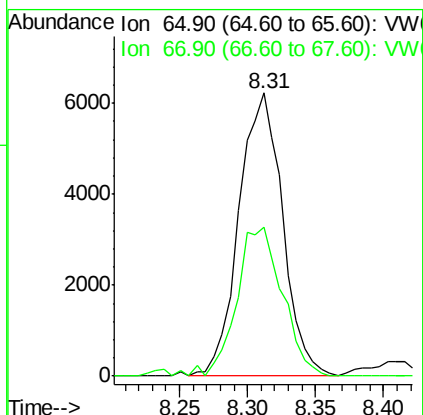
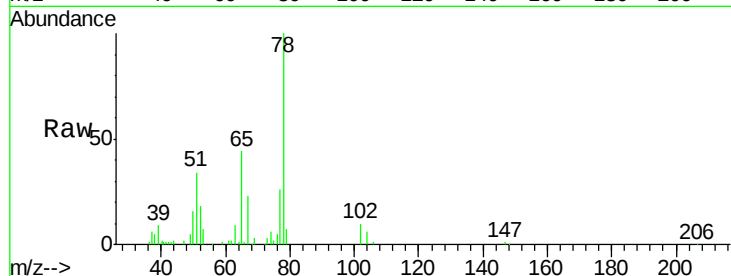
LOQ-SCM-Precision-Bias-3

Tgt Ion: 65 Resp: 13972

Ion Ratio Lower Upper

65 100

67 55.1 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: VW003268.D

Acq: 14 Jun 2018 21:50

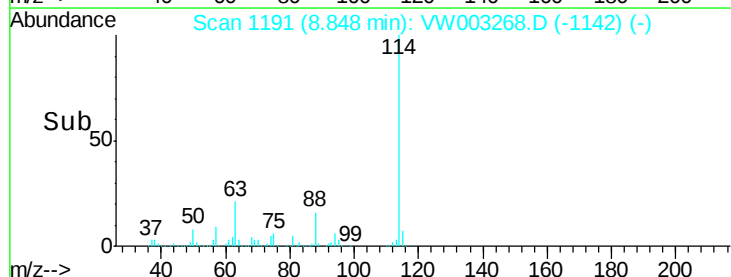
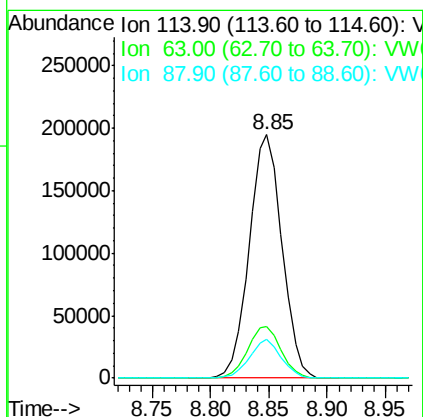
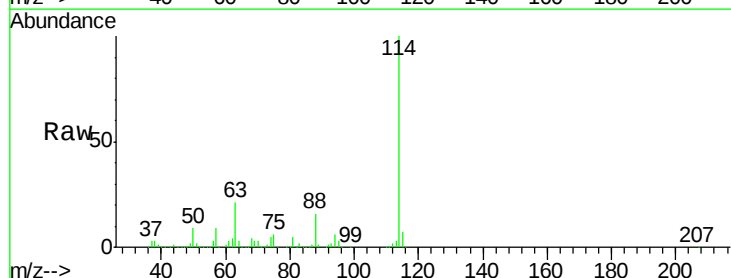
Tgt Ion: 114 Resp: 379899

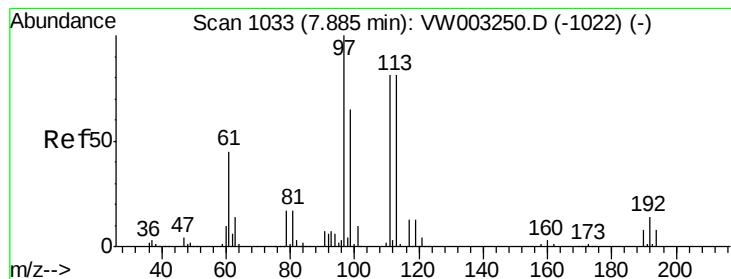
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

88 16.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 5.209 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

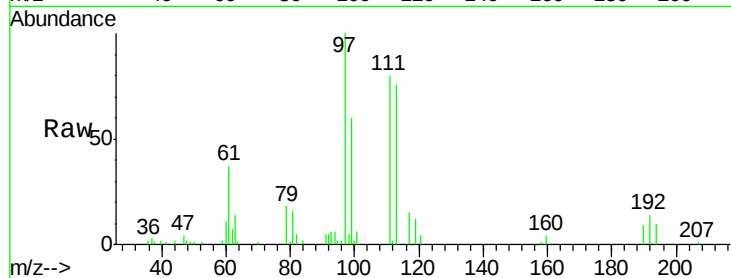
Tgt Ion: 113 Resp: 12296

Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

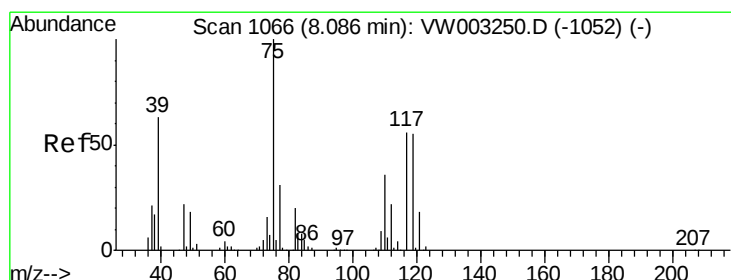
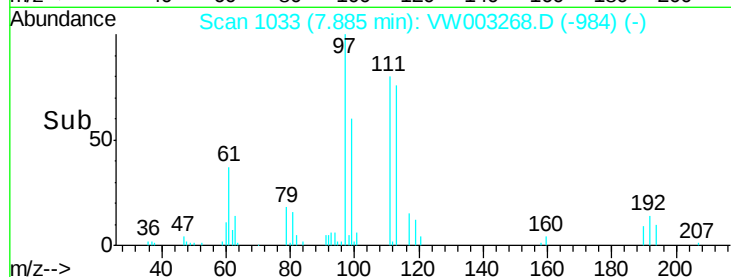
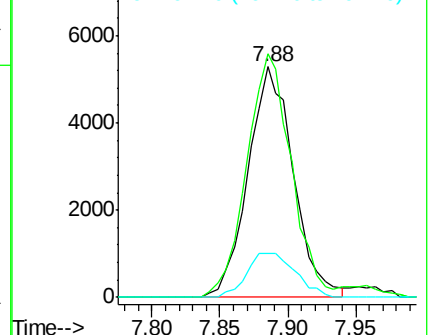
192 20.5 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.169 ug/l

RT: 8.09 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

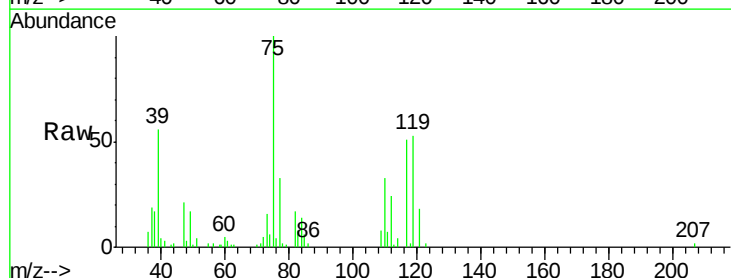
Tgt Ion: 75 Resp: 18964

Ion Ratio Lower Upper

75 100

110 34.0 17.1 51.3

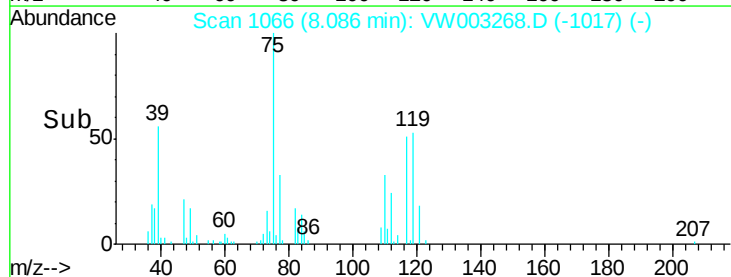
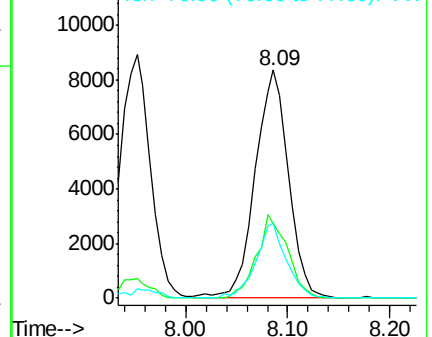
77 30.2 24.9 37.3

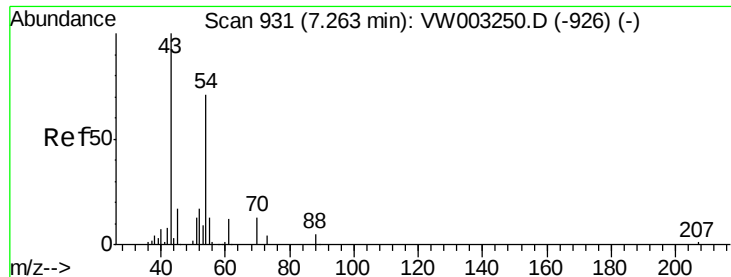


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

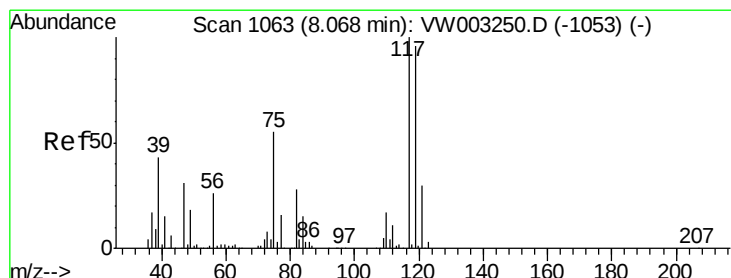
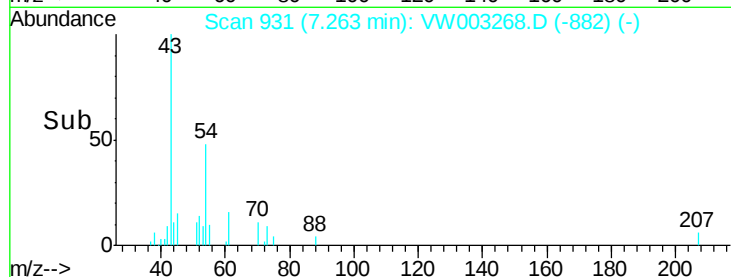
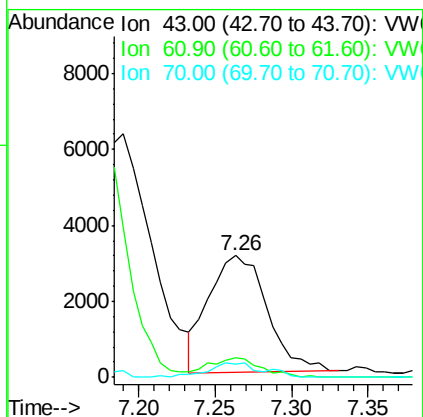
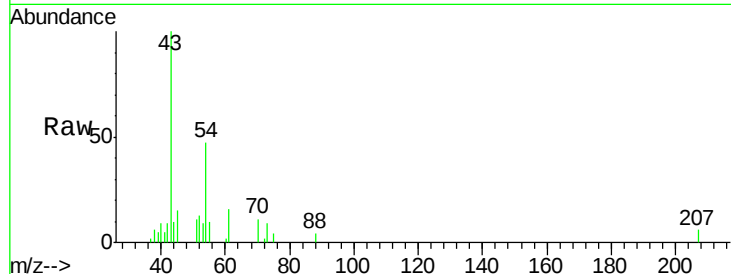




#37
 Ethyl Acetate
 Concen: 5.329 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

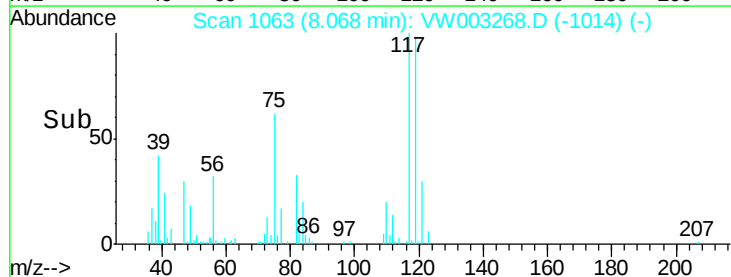
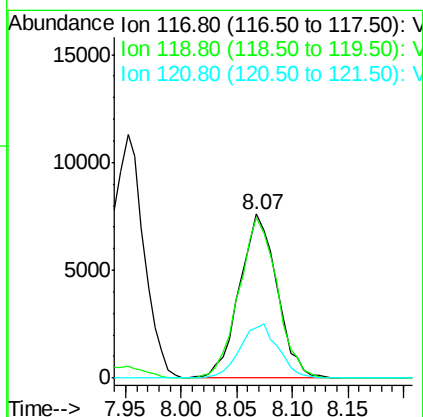
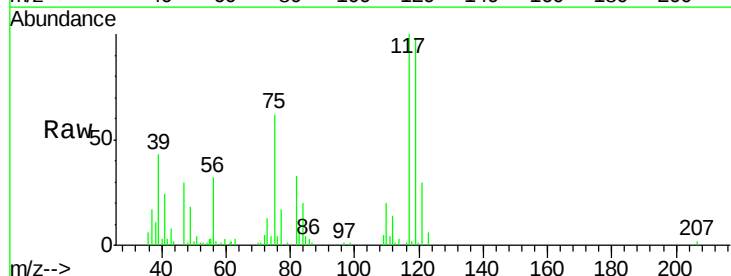
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

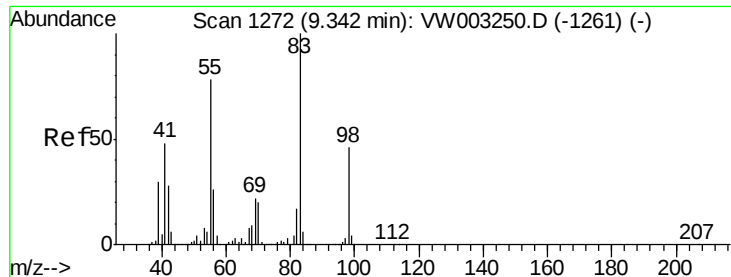
Tgt Ion: 43 Resp: 8100
 Ion Ratio Lower Upper
 43 100
 61 15.0 10.8 16.2
 70 10.0 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 4.964 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 117 Resp: 17866
 Ion Ratio Lower Upper
 117 100
 119 97.8 76.6 115.0
 121 30.4 23.9 35.9

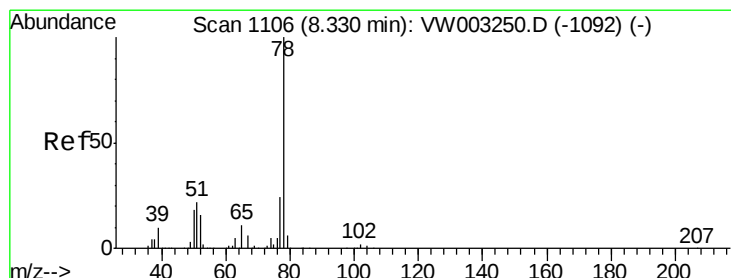
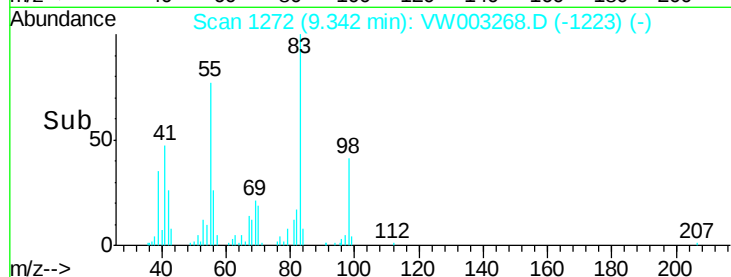
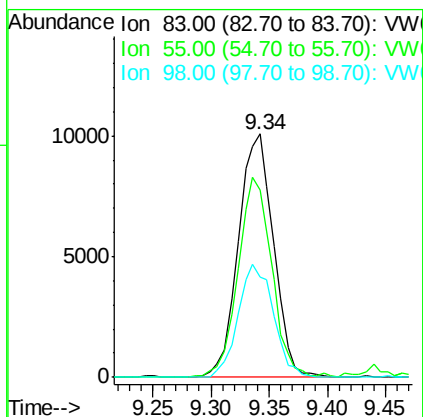
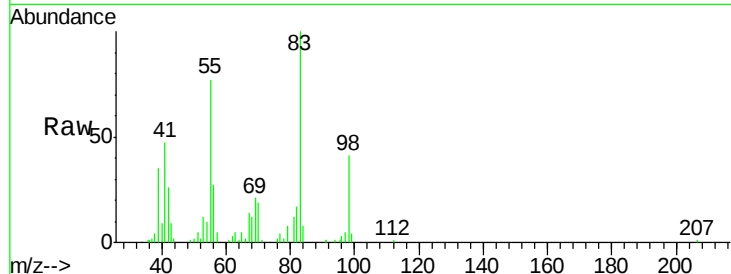




#39
Methylcyclohexane
Concen: 4.992 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

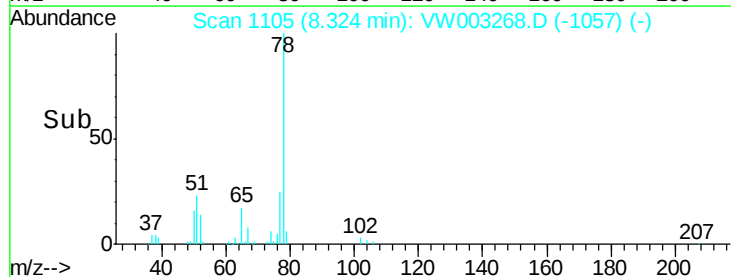
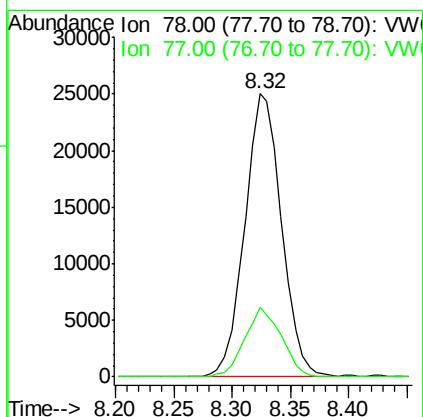
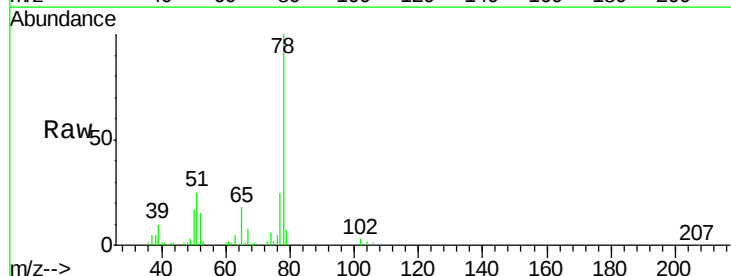
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

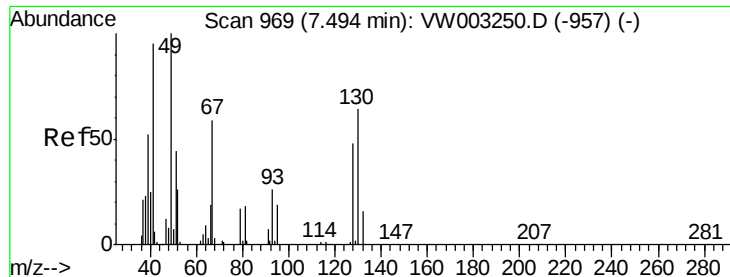
Tgt Ion: 83 Resp: 21191
Ion Ratio Lower Upper
83 100
55 76.9 62.6 93.8
98 41.3 37.0 55.4



#40
Benzene
Concen: 5.416 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 78 Resp: 54775
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6

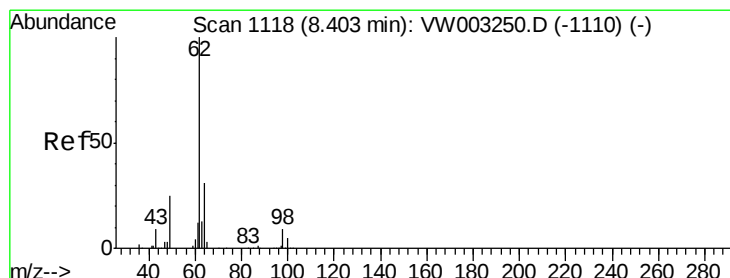
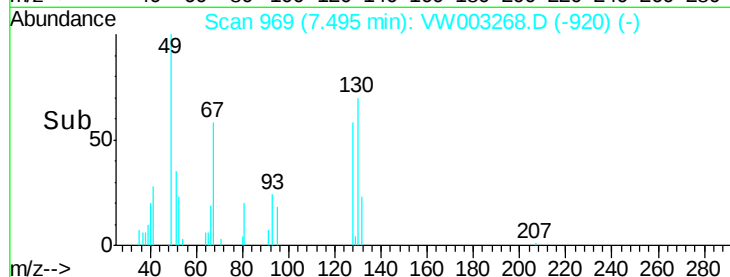
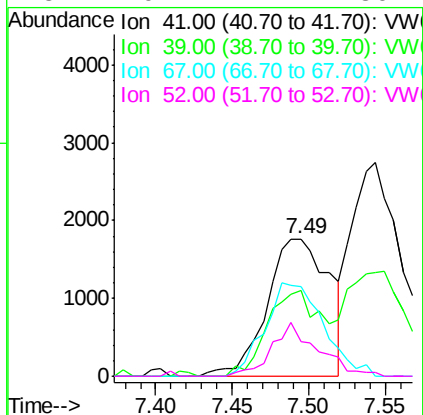
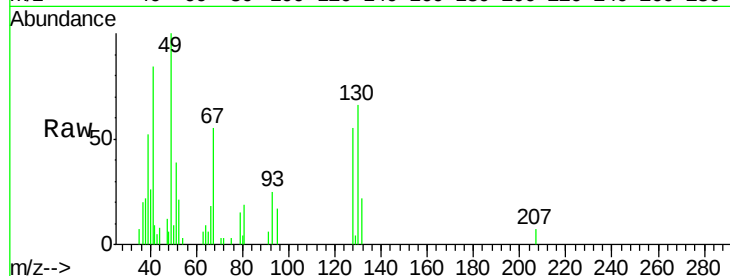




#41
Methacrylonitrile
Concen: 5.358 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

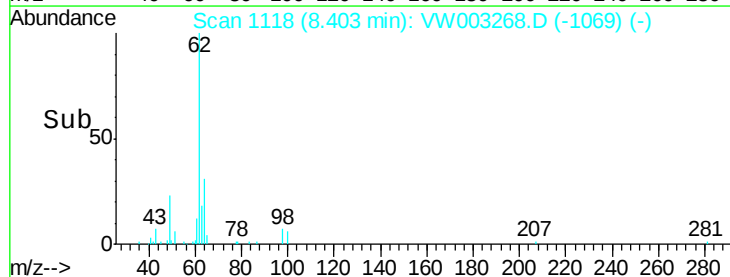
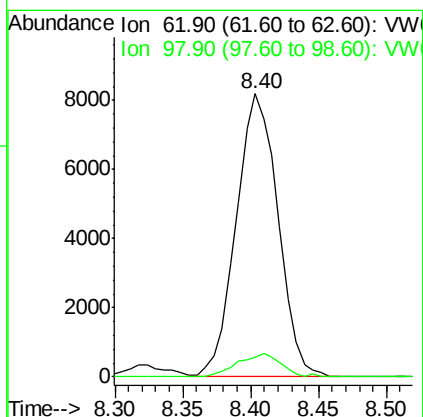
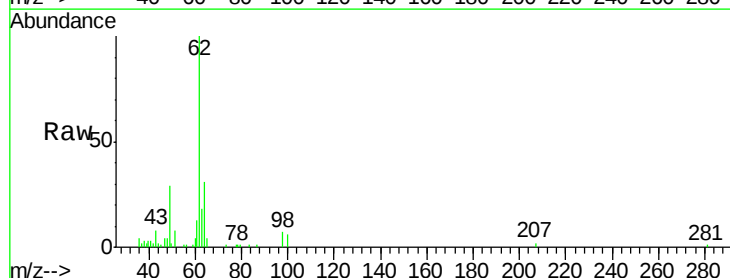
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tgt Ion:	41	Resp:	4997
Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.8	68.8
67	63.4	52.3	78.5
52	29.2	24.1	36.1



#42
1,2-Dichloroethane
Concen: 5.560 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:	62	Resp:	17618
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.271 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

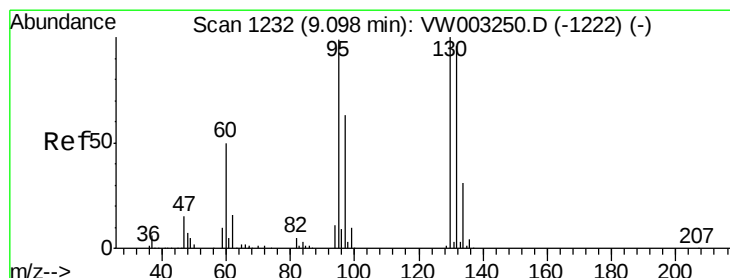
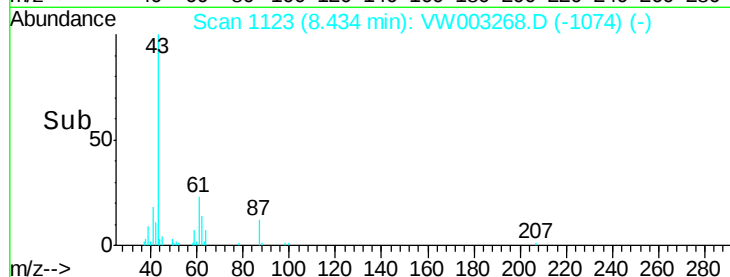
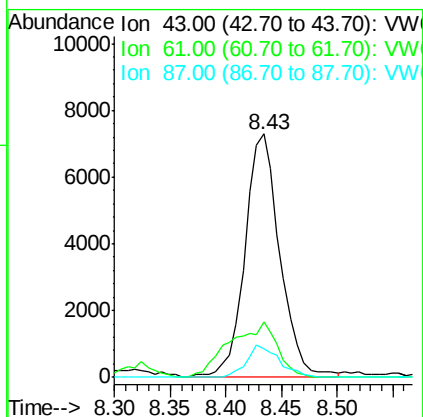
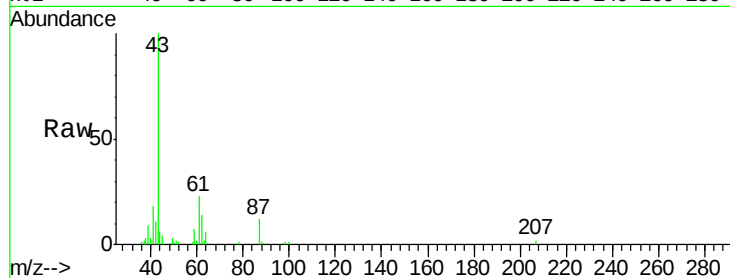
Tgt Ion: 43 Resp: 15909

Ion Ratio Lower Upper

43 100

61 30.7 23.1 34.7

87 12.4 9.8 14.6



#44

Trichloroethene

Concen: 5.471 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003268.D

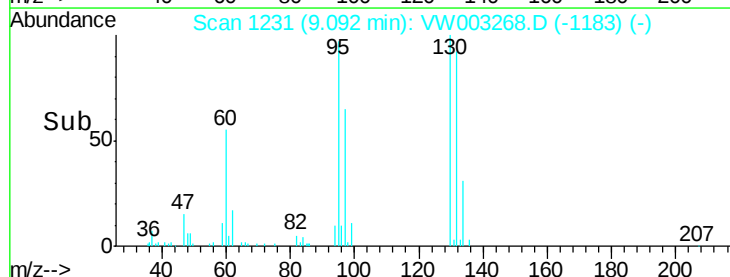
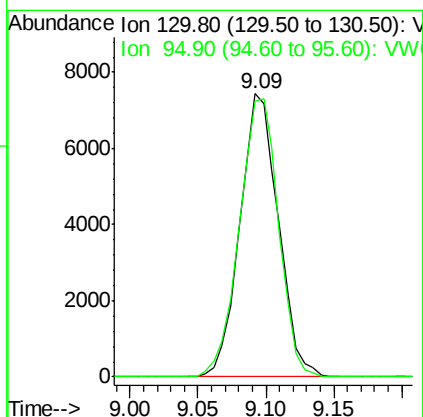
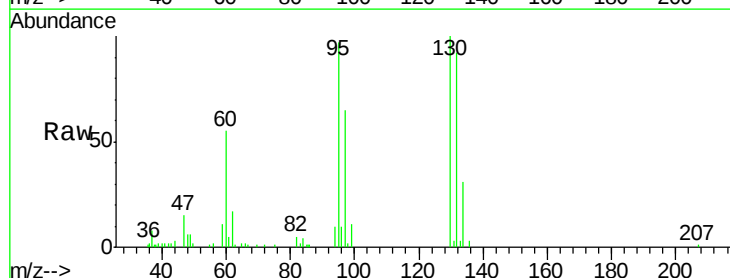
Acq: 14 Jun 2018 21:50

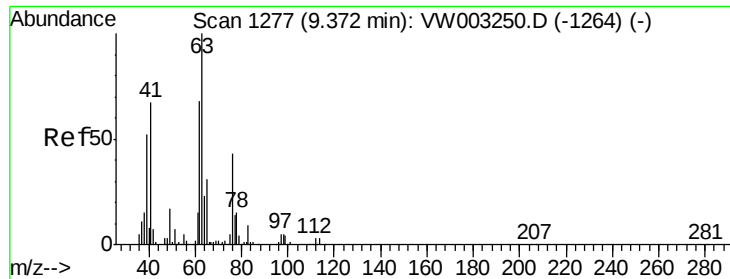
Tgt Ion: 130 Resp: 14660

Ion Ratio Lower Upper

130 100

95 97.4 0.0 198.0





#45

1,2-Dichloropropane

Concen: 5.370 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

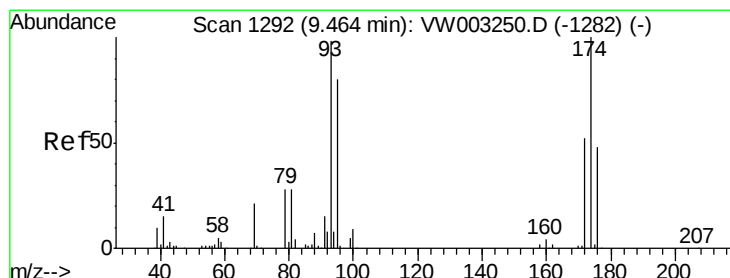
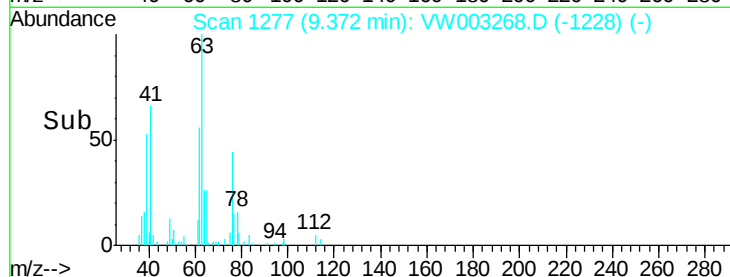
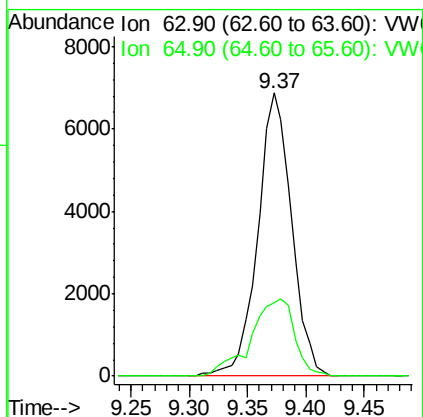
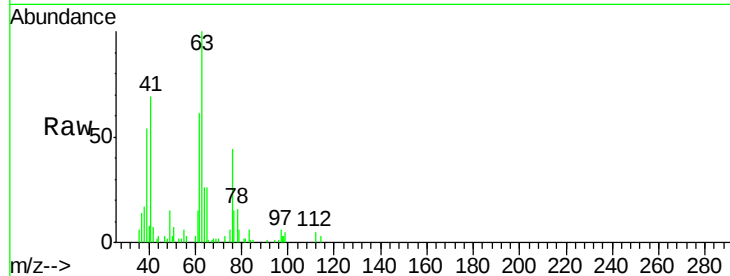
LOQ-SCM-Precision-Bias-3

Tgt Ion: 63 Resp: 13827

Ion Ratio Lower Upper

63 100

65 26.1 25.1 37.7



#46

Dibromomethane

Concen: 5.737 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

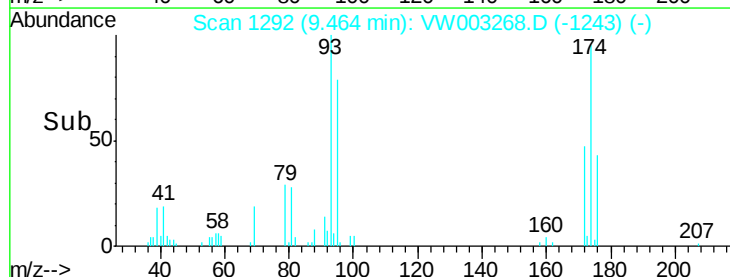
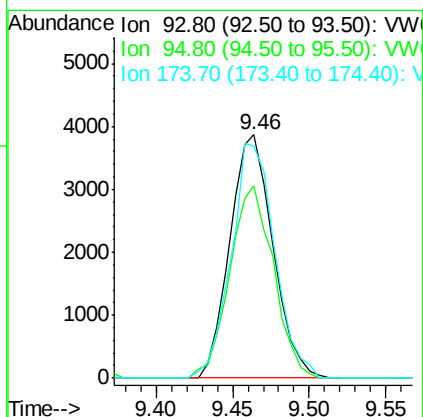
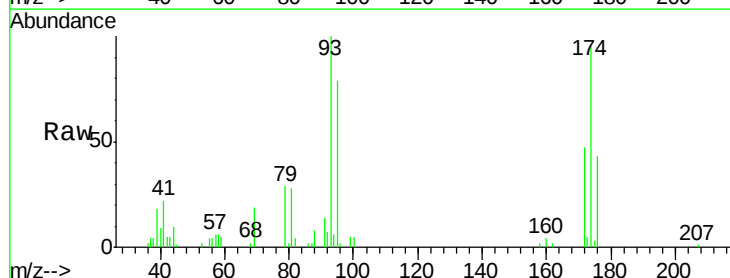
Tgt Ion: 93 Resp: 7563

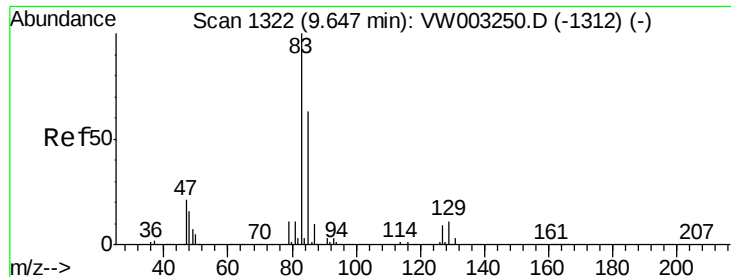
Ion Ratio Lower Upper

93 100

95 80.0 65.8 98.8

174 97.6 81.4 122.0

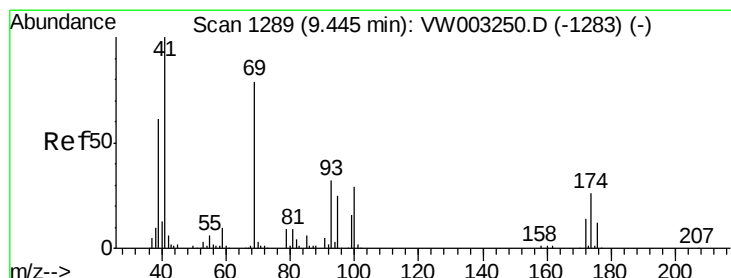
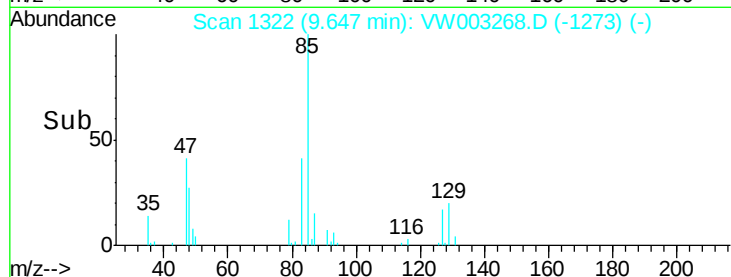
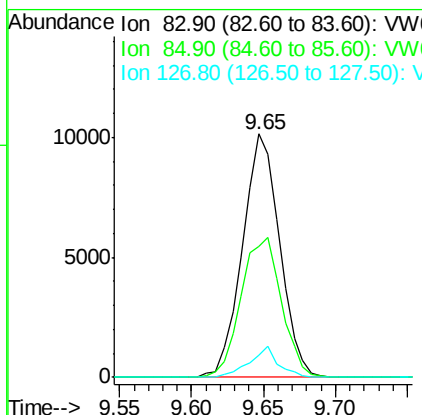
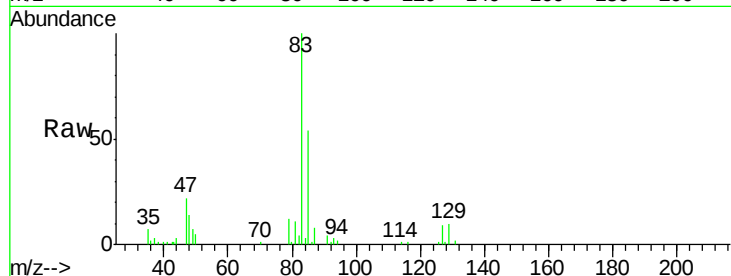




#47
 Bromodichloromethane
 Concen: 5.378 ug/l
 RT: 9.65 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

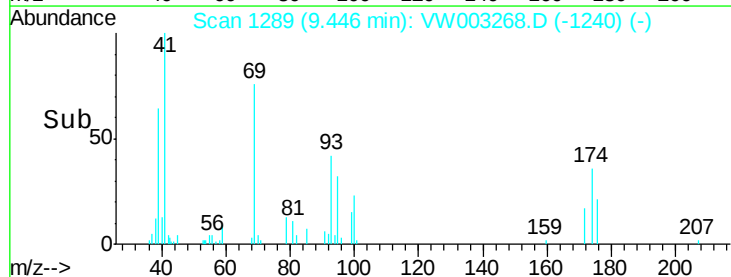
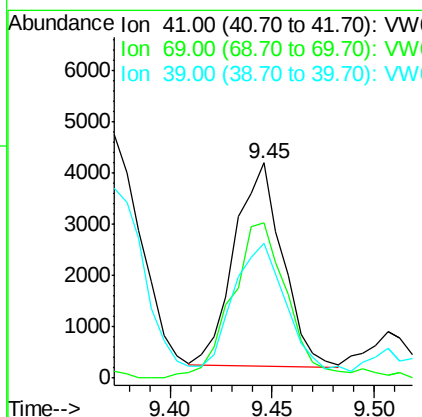
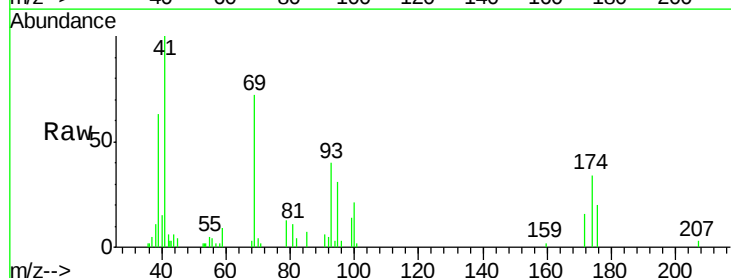
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

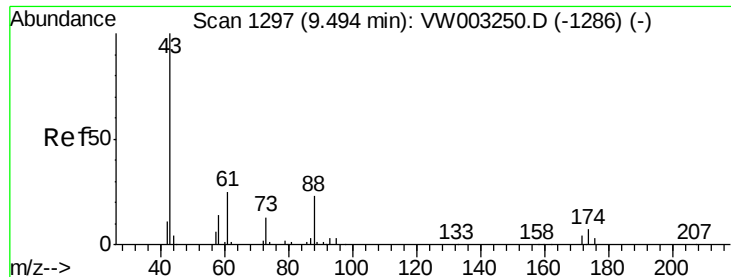
Tgt Ion: 83 Resp: 18173
 Ion Ratio Lower Upper
 83 100
 85 53.7 50.6 75.8
 127 9.0 6.8 10.2



#48
 Methyl methacrylate
 Concen: 4.574 ug/l
 RT: 9.45 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 41 Resp: 6488
 Ion Ratio Lower Upper
 41 100
 69 87.5 65.4 98.2
 39 67.5 54.2 81.2

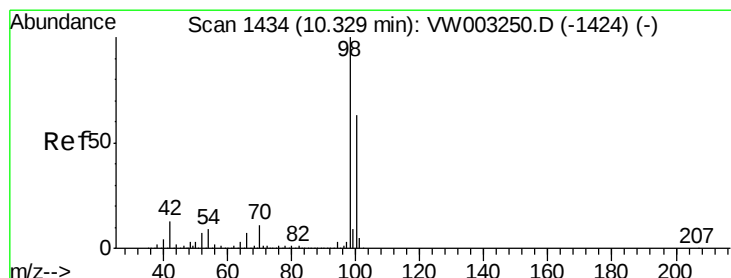
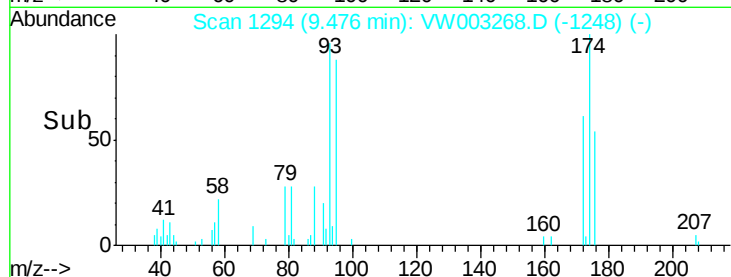
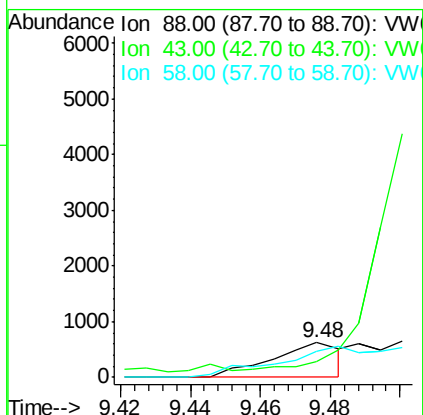
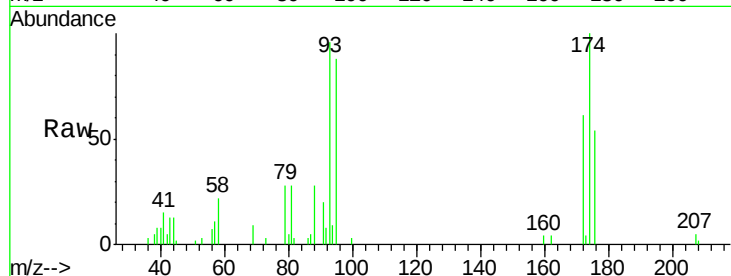




#49
1,4-Dioxane
Concen: 43.306 ug/l
RT: 9.48 min Scan# 1294
Delta R.T. -0.02 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

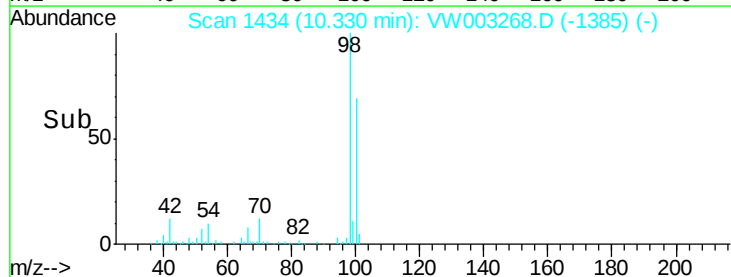
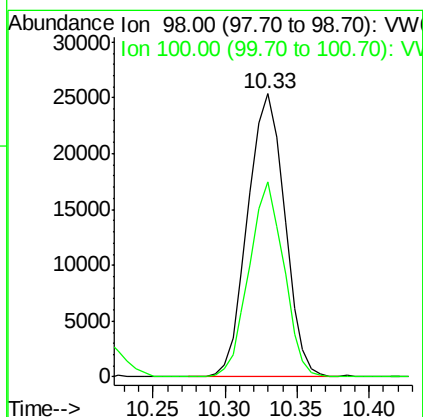
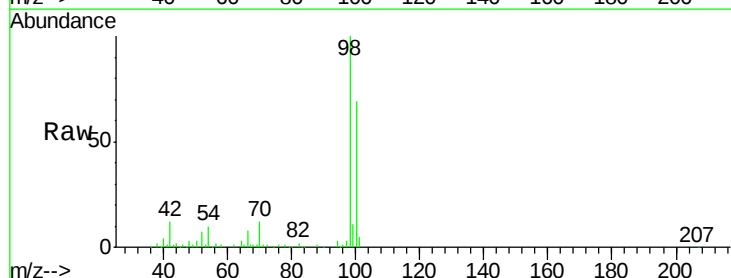
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

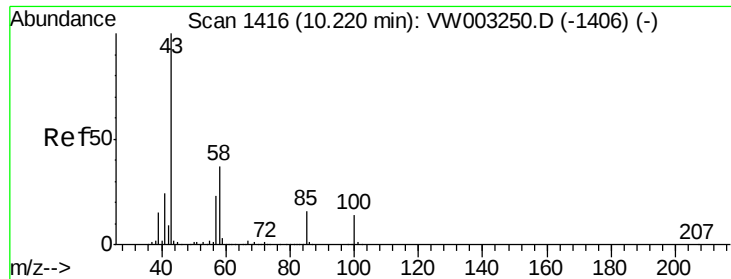
Tgt Ion: 88 Resp: 862
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 204.4 58.6 88.0#



#50
Toluene-d8
Concen: 4.846 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 98 Resp: 45358
Ion Ratio Lower Upper
98 100
100 64.3 50.8 76.2

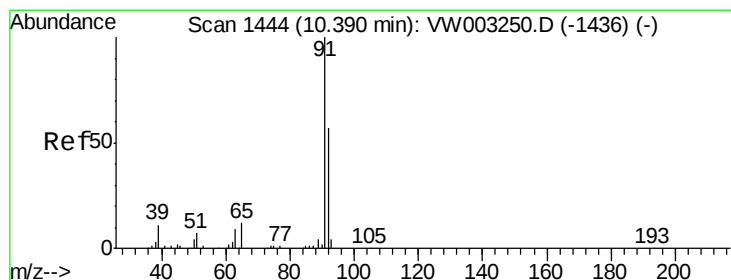
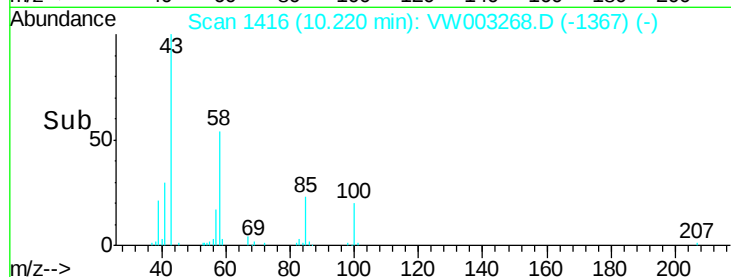
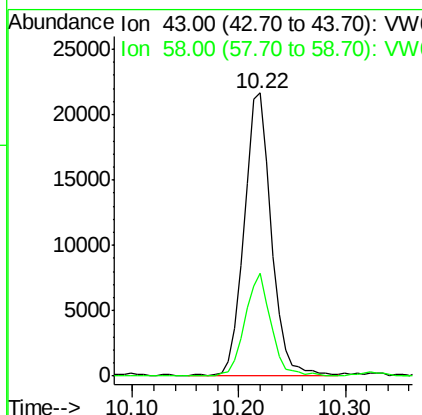
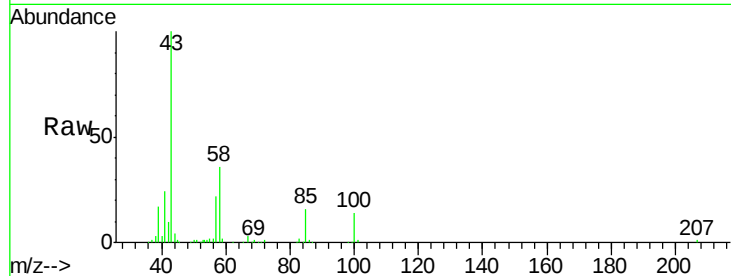




#51
 4-Methyl-2-Pentanone
 Concen: 25.119 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

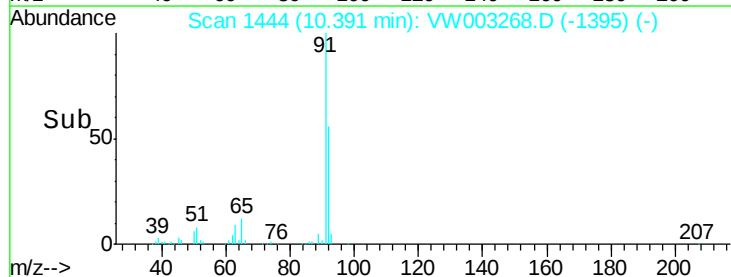
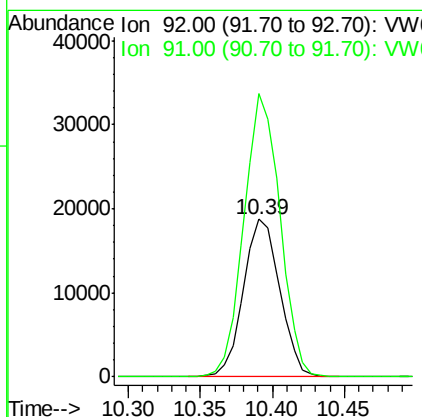
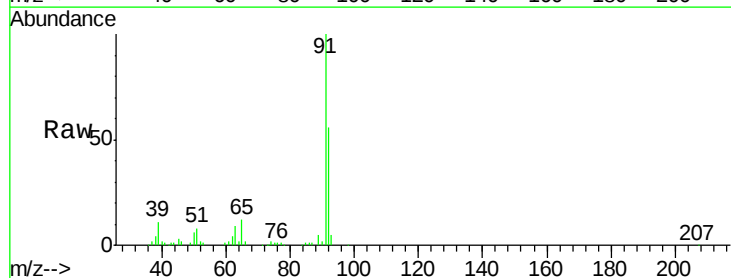
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

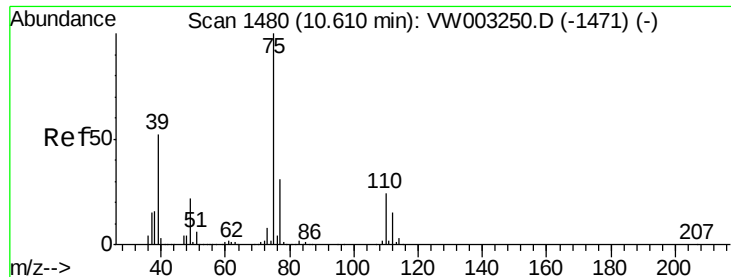
Tgt Ion: 43 Resp: 38629
 Ion Ratio Lower Upper
 43 100
 58 34.9 29.0 43.4



#52
 Toluene
 Concen: 5.059 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 92 Resp: 32805
 Ion Ratio Lower Upper
 92 100
 91 177.5 141.1 211.7

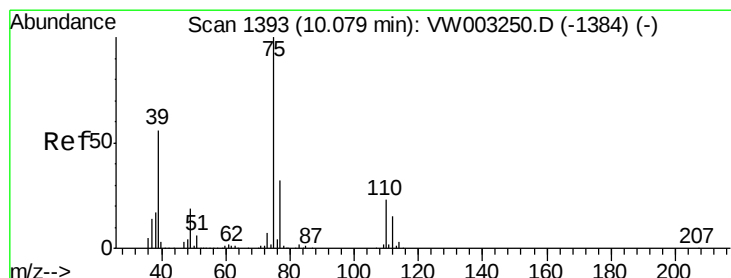
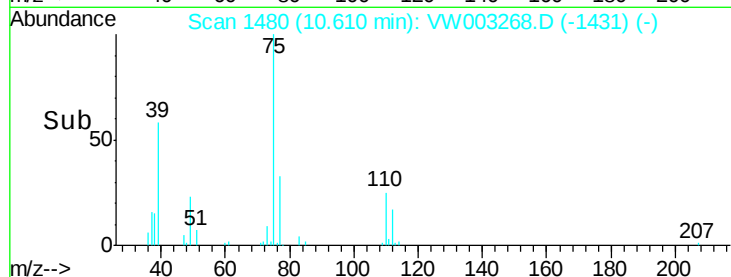
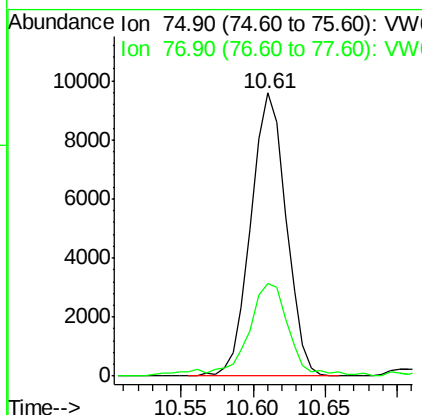
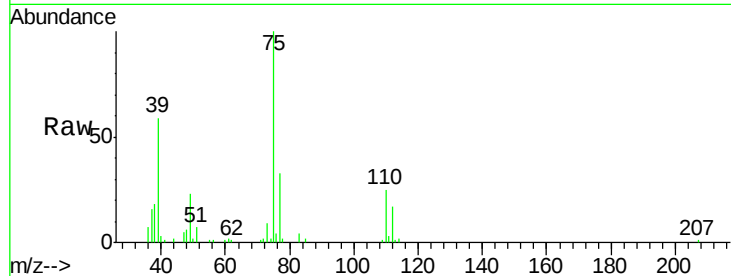




#53
t-1,3-Dichloropropene
Concen: 4.707 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

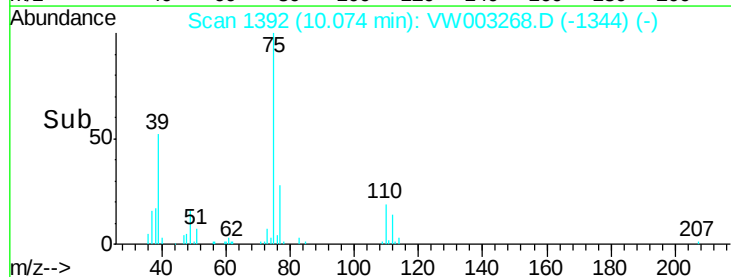
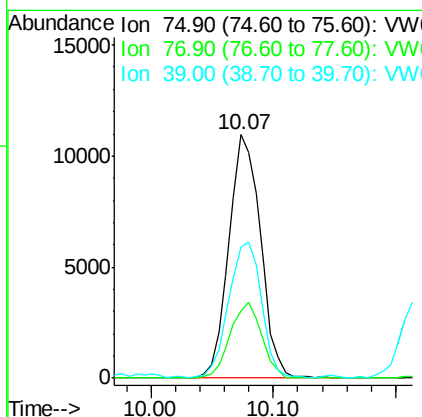
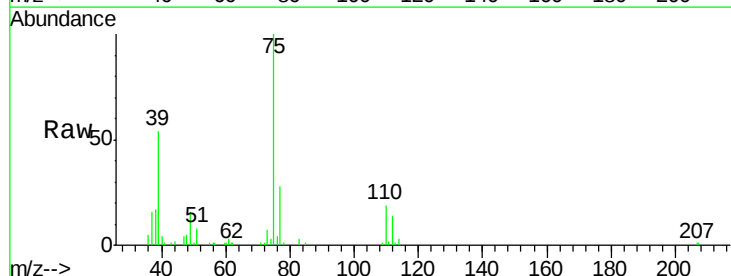
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

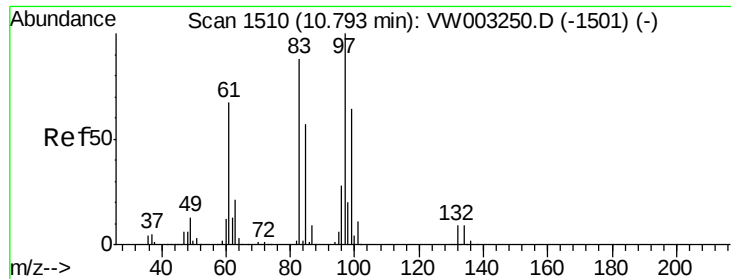
Tgt Ion: 75 Resp: 16248
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 5.001 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.01 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 75 Resp: 19646
Ion Ratio Lower Upper
75 100
77 27.6 25.8 38.6
39 53.6 45.2 67.8

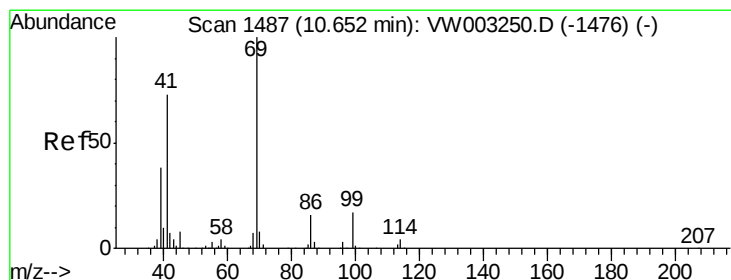
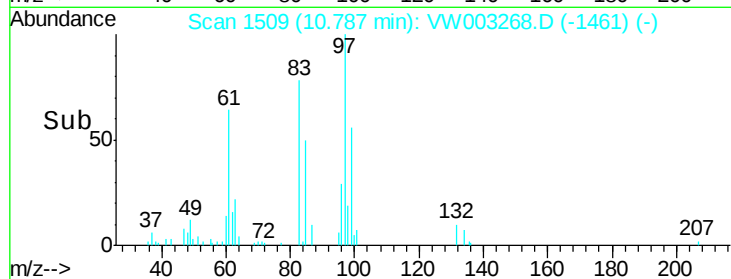
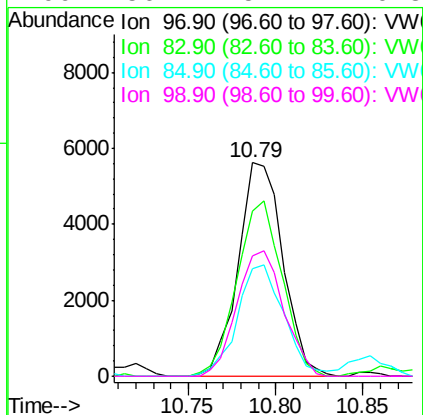
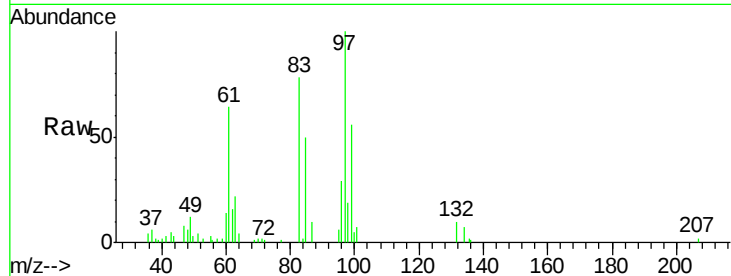




#55
 1,1,2-Trichloroethane
 Concen: 5.394 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

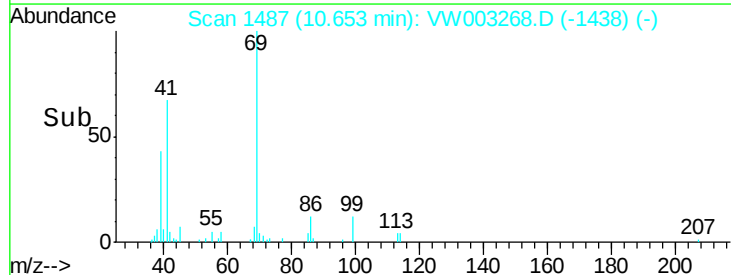
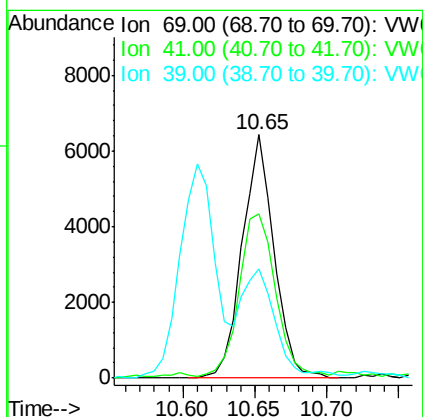
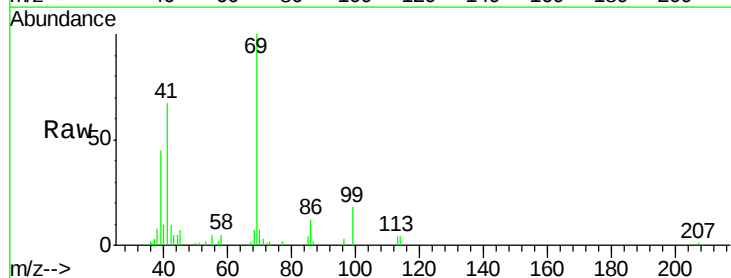
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

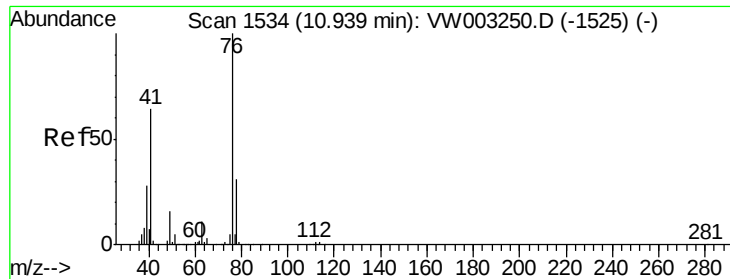
Tgt Ion:	97	Resp:	10021
Ion	Ratio	Lower	Upper
97	100		
83	77.6	70.2	105.2
85	50.5	45.6	68.4
99	56.1	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 4.351 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion:	69	Resp:	9814
Ion	Ratio	Lower	Upper
69	100		
41	75.9	57.8	86.6
39	47.4	32.7	49.1

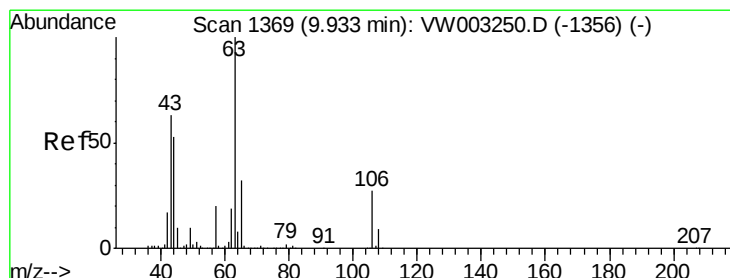
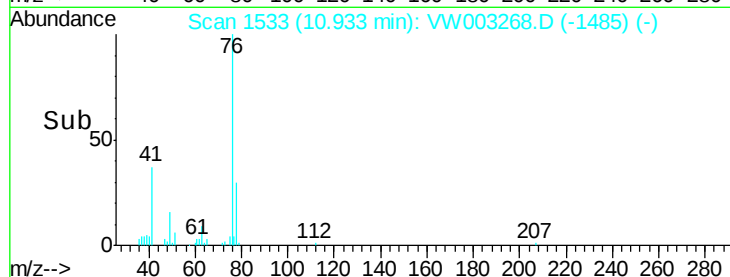
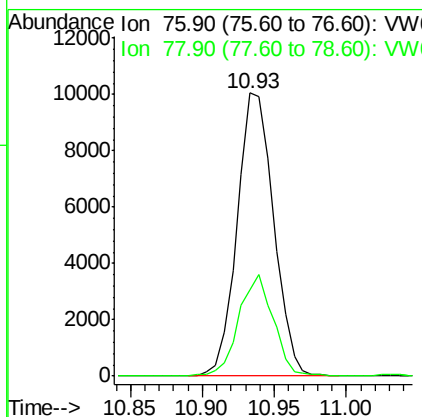
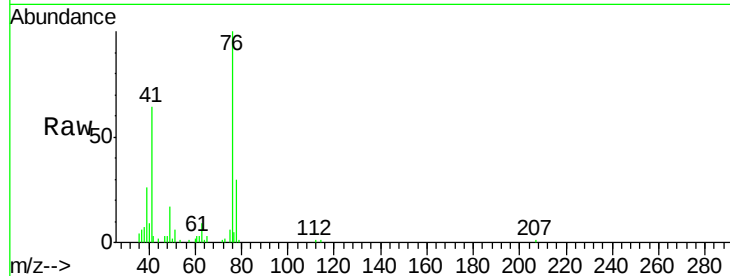




#57
 1,3-Dichloropropane
 Concen: 5.519 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

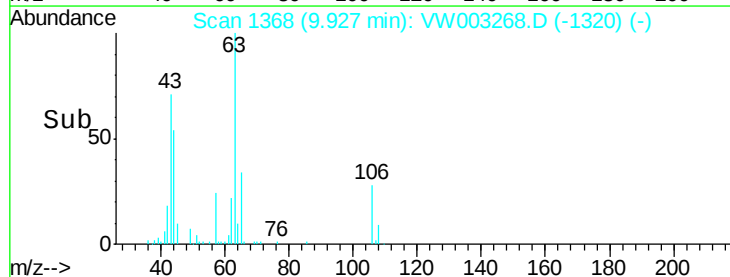
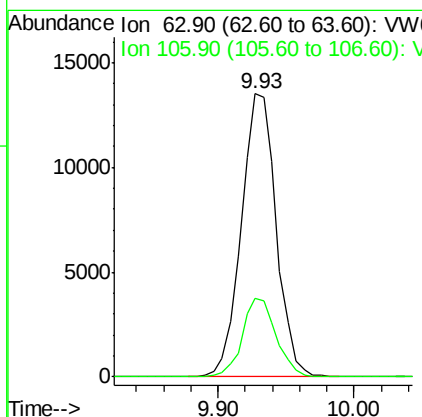
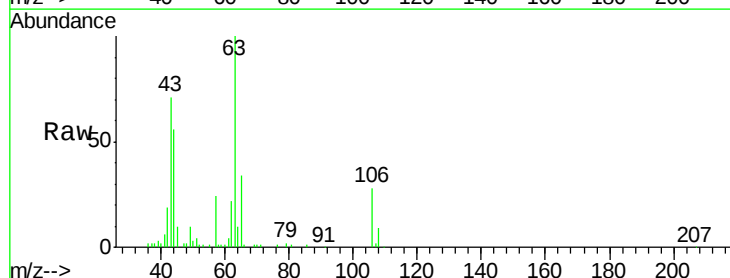
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

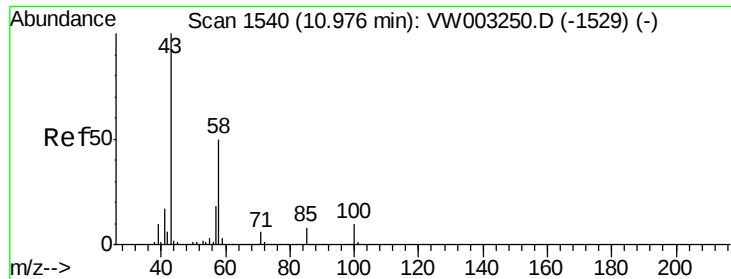
Tgt Ion: 76 Resp: 17682
 Ion Ratio Lower Upper
 76 100
 78 34.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.936 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 63 Resp: 24205
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.8 32.8

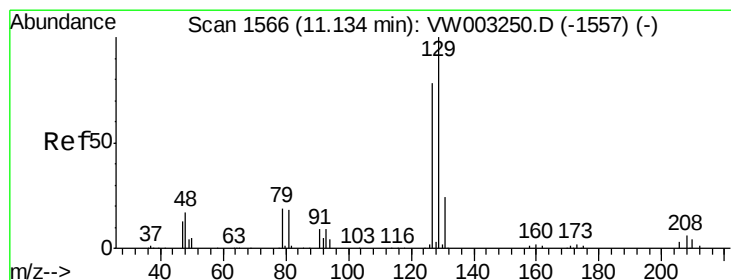
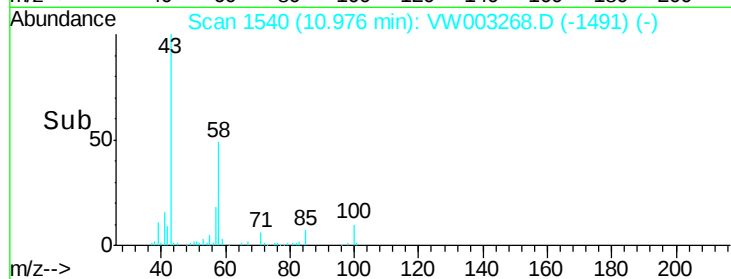
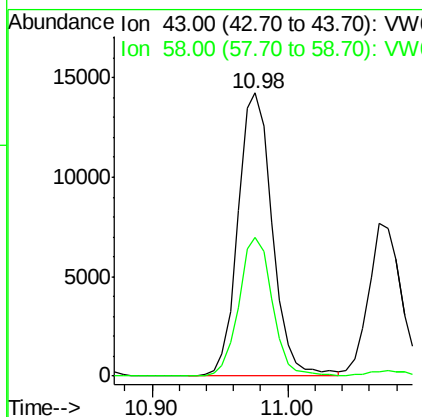
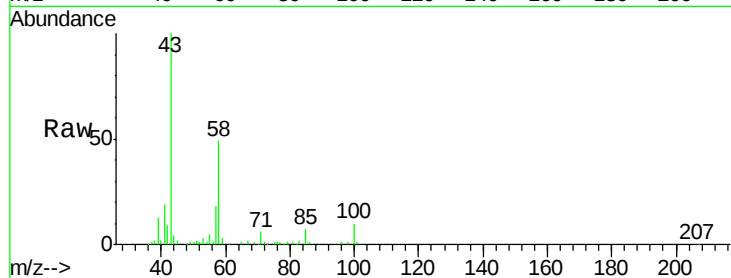




#59
2-Hexanone
Concen: 23.375 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

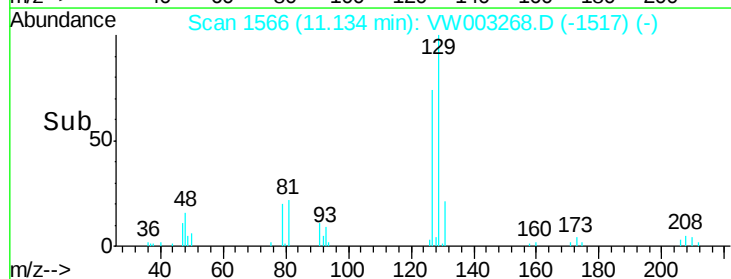
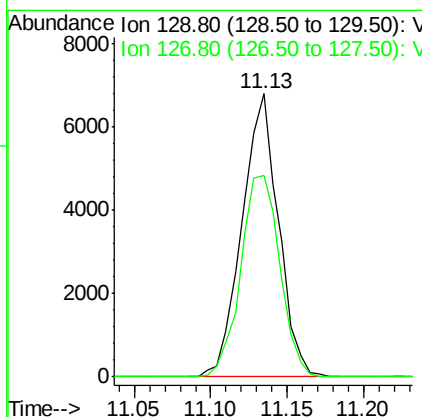
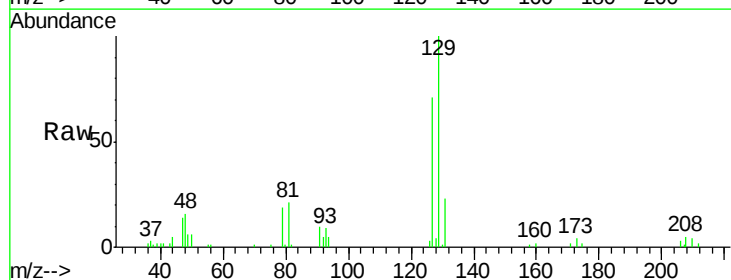
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

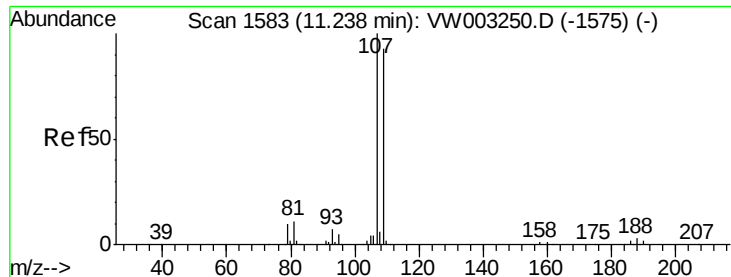
Tgt Ion: 43 Resp: 25112
Ion Ratio Lower Upper
43 100
58 47.6 25.0 75.0



#60
Dibromochloromethane
Concen: 5.081 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 129 Resp: 11224
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.5

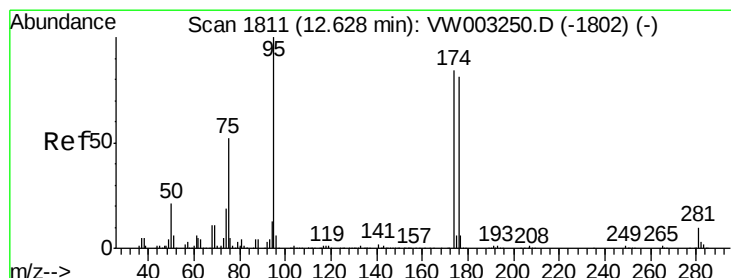
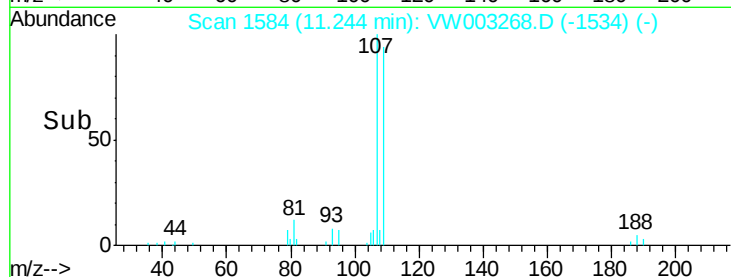
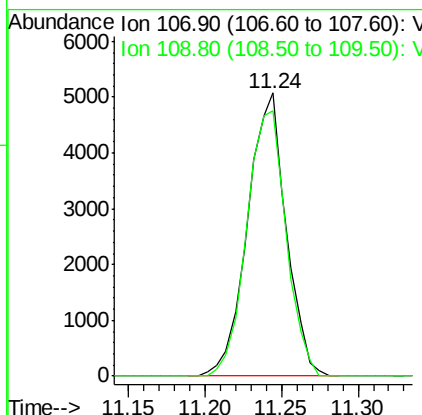
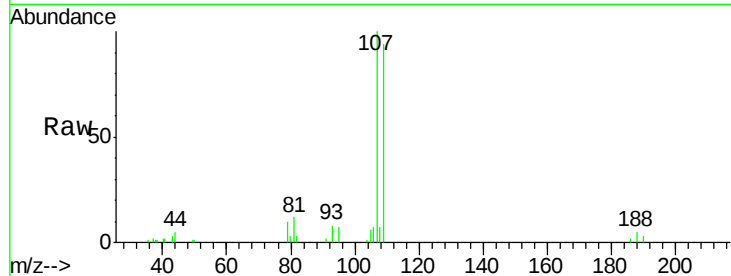




#61
 1,2-Dibromoethane
 Concen: 5.064 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

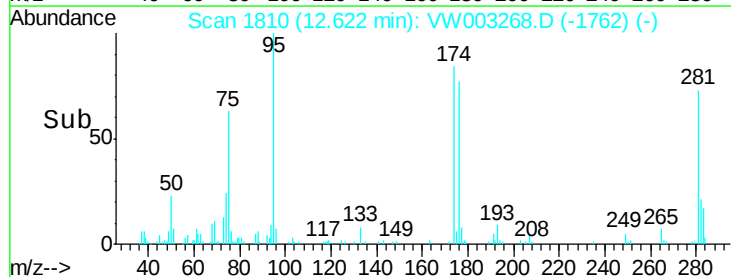
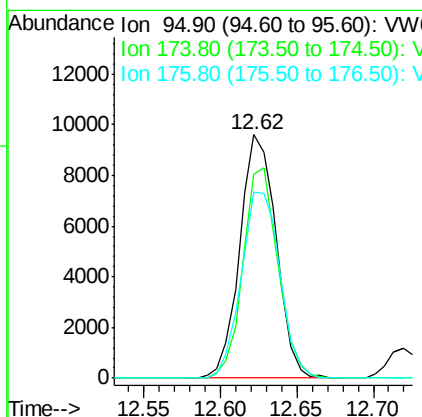
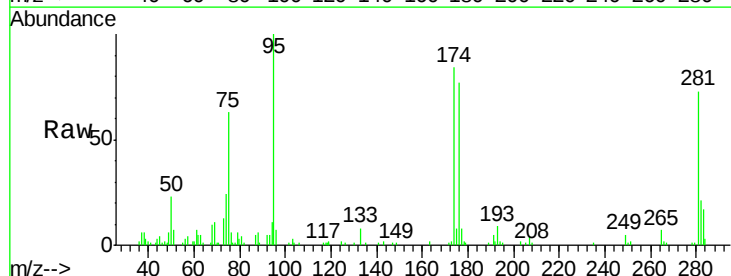
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

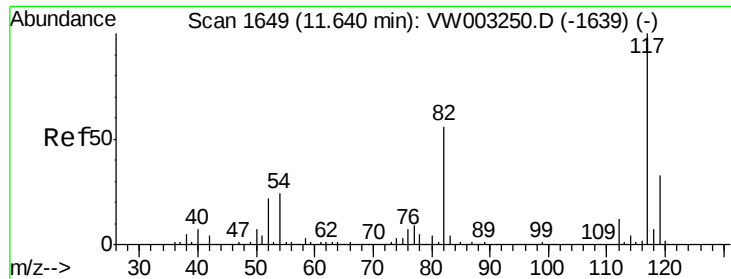
Tgt Ion: 107 Resp: 8898
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.770 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 95 Resp: 15802
 Ion Ratio Lower Upper
 95 100
 174 83.5 0.0 166.4
 176 81.5 0.0 162.0

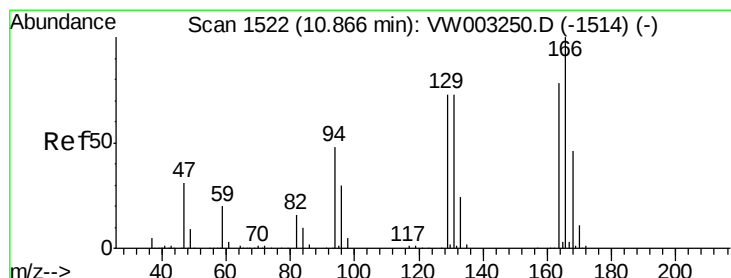
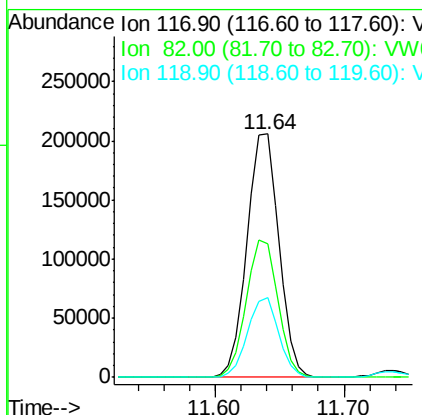
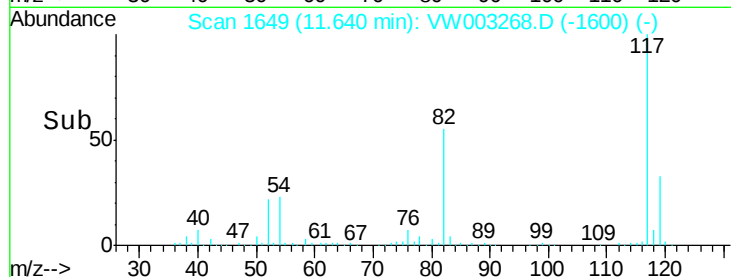
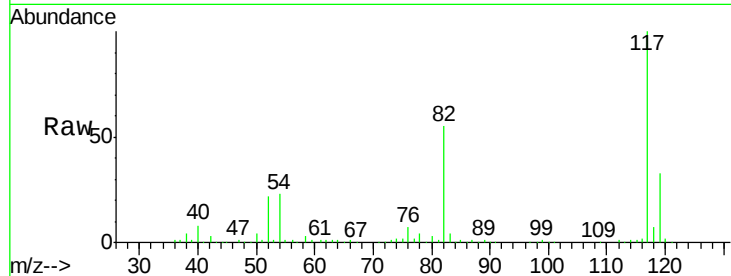




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

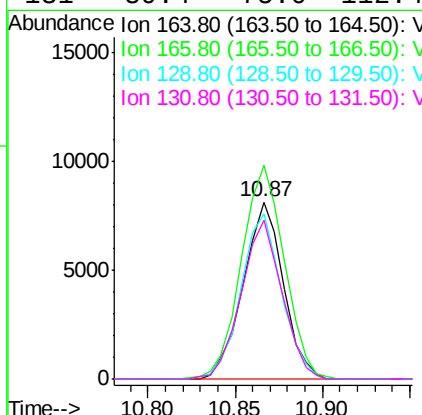
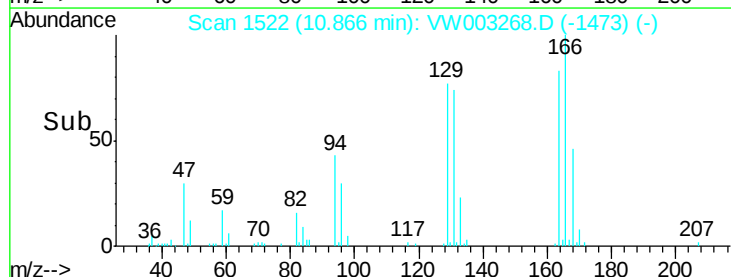
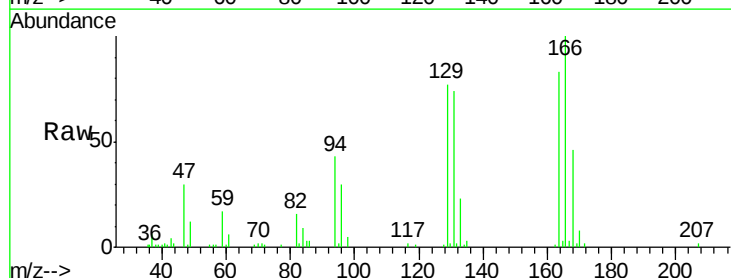
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

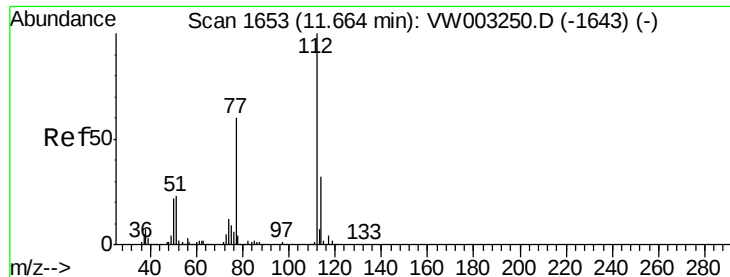
Tgt Ion:117 Resp: 351457
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 32.9 26.7 40.1



#64
Tetrachloroethene
Concen: 5.489 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:164 Resp: 12903
Ion Ratio Lower Upper
164 100
166 120.5 102.6 154.0
129 93.3 75.2 112.8
131 89.4 75.0 112.4

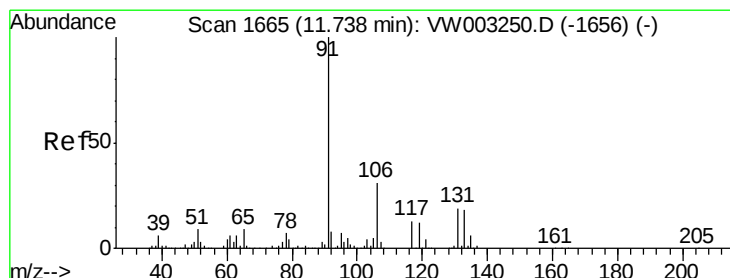
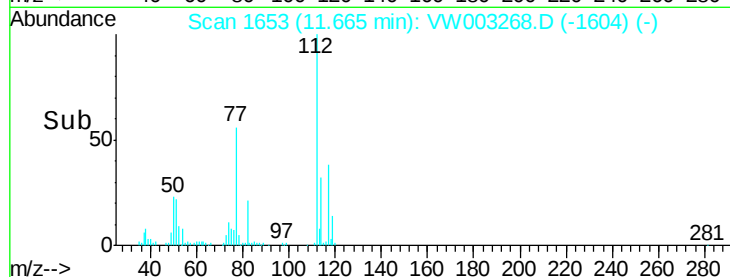
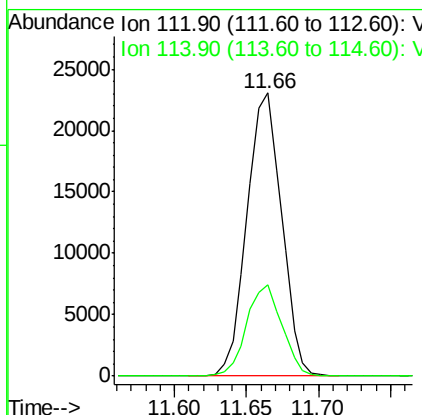
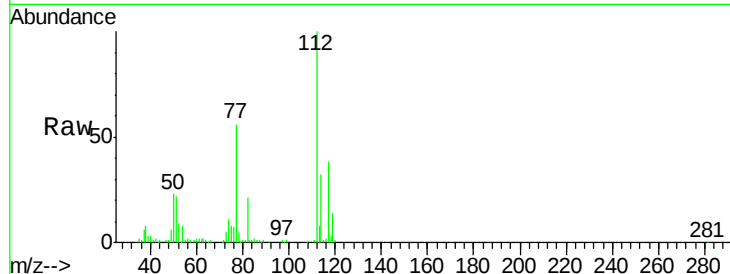




#65
Chlorobenzene
Concen: 5.249 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

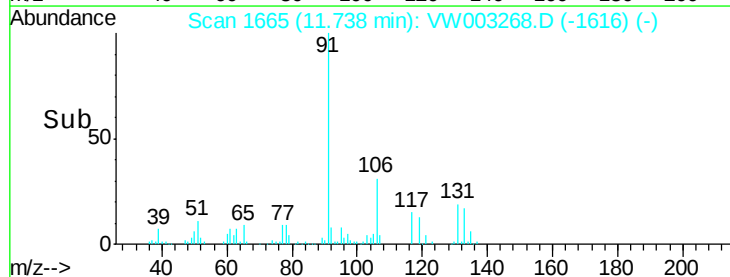
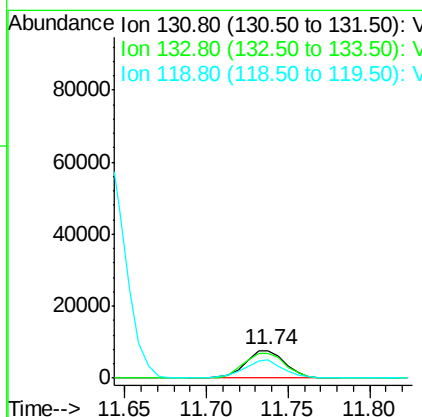
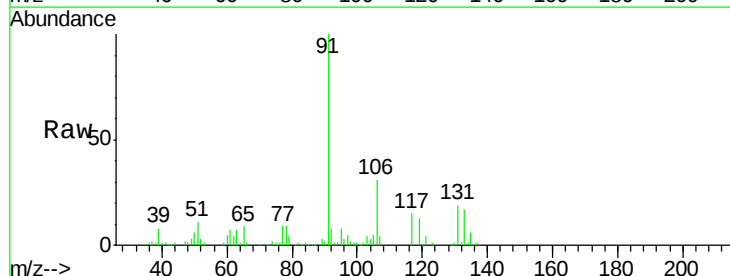
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

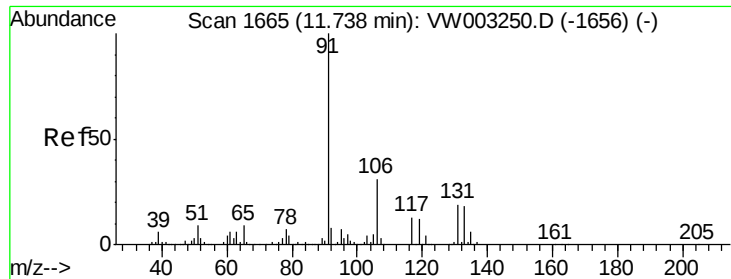
Tgt Ion:112 Resp: 38420
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.047 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:131 Resp: 12981
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 64.5 32.5 97.4

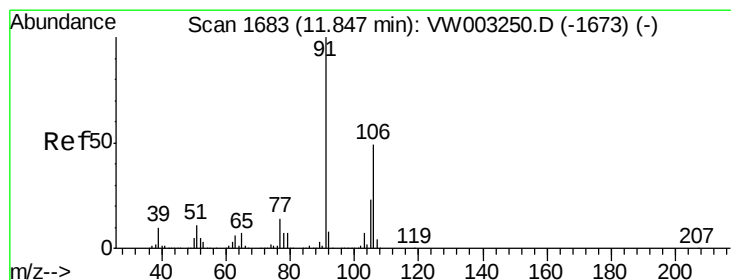
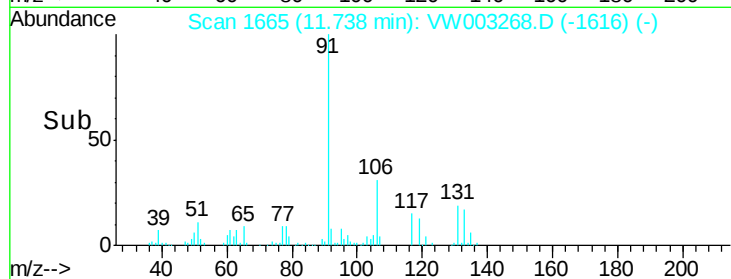
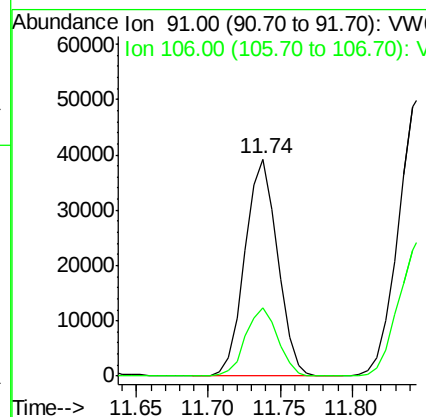
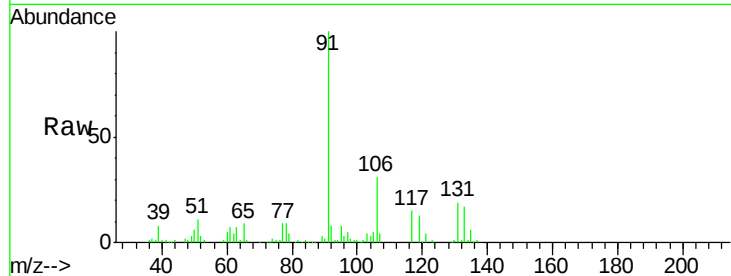




#67
Ethyl Benzene
Concen: 4.765 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

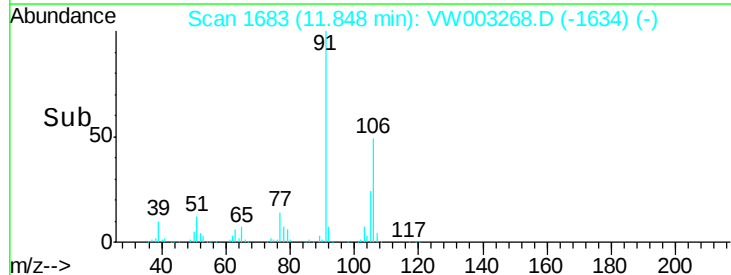
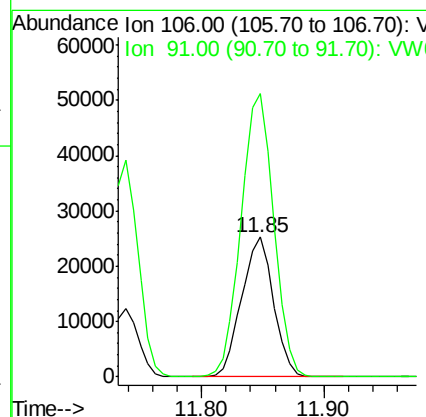
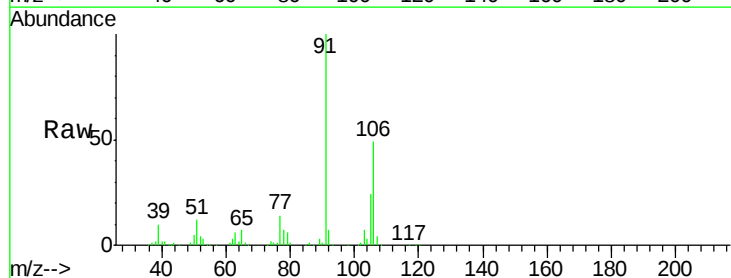
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

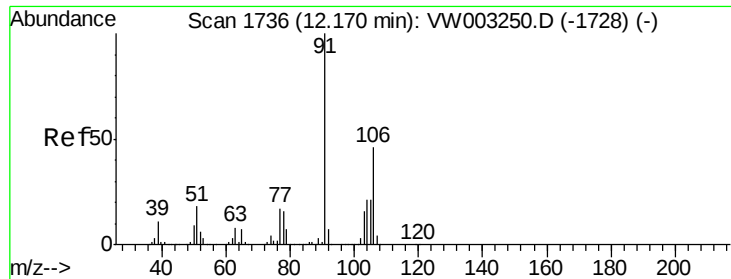
Tgt Ion: 91 Resp: 61816
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1



#68
m/p-Xylenes
Concen: 9.270 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 106 Resp: 45716
Ion Ratio Lower Upper
106 100
91 207.3 165.4 248.0

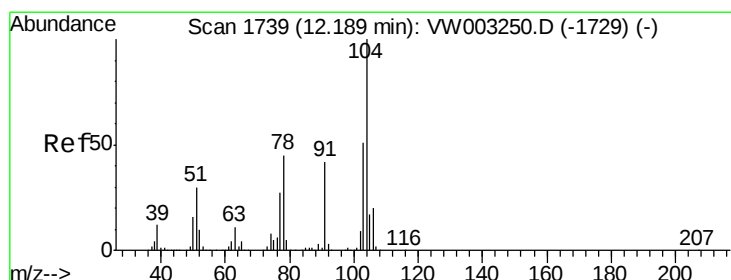
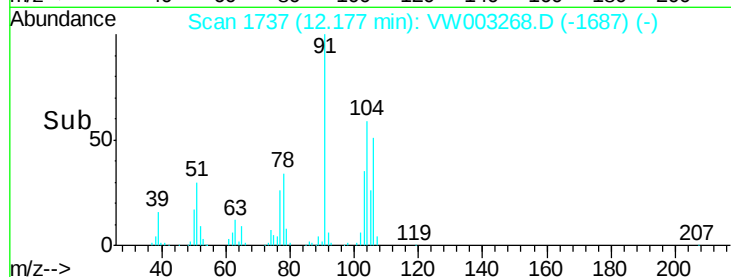
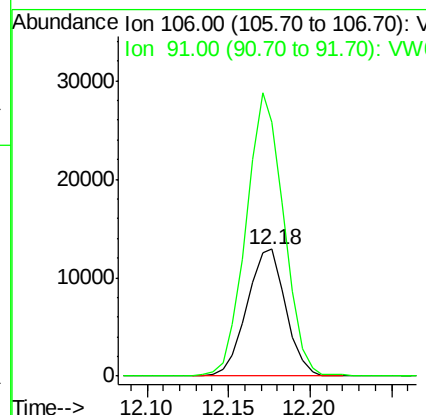
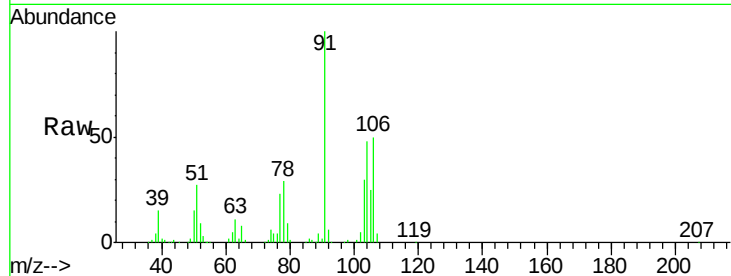




#69
o-Xylene
Concen: 4.646 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

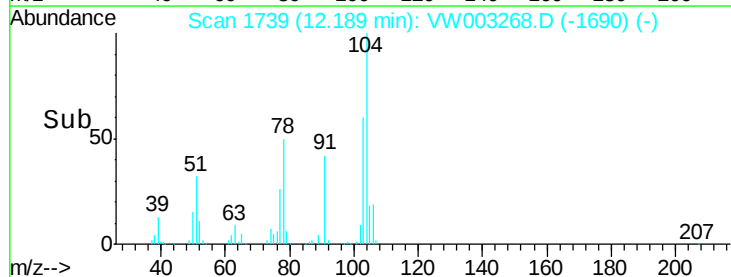
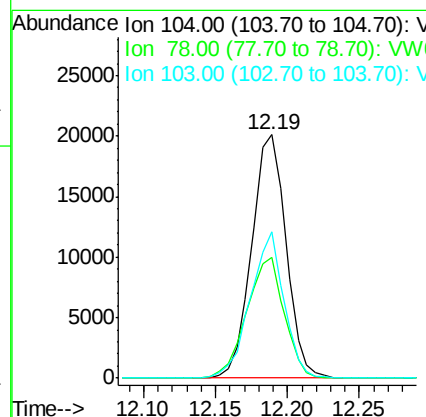
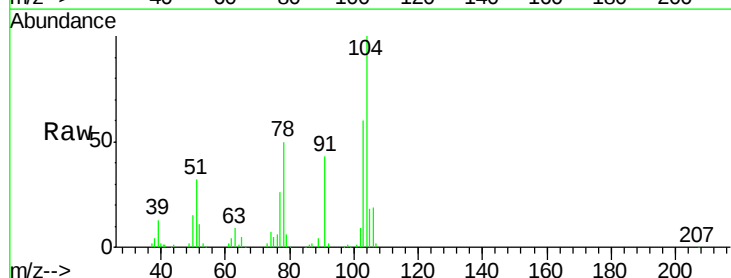
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

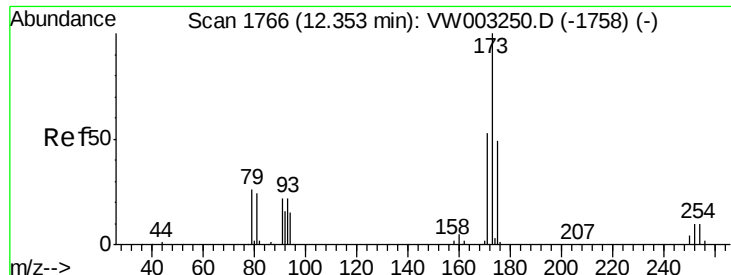
Tgt Ion:106 Resp: 21237
Ion Ratio Lower Upper
106 100
91 217.1 108.6 325.6



#70
Styrene
Concen: 4.356 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:104 Resp: 33141
Ion Ratio Lower Upper
104 100
78 54.3 41.3 61.9
103 58.7 45.0 67.4

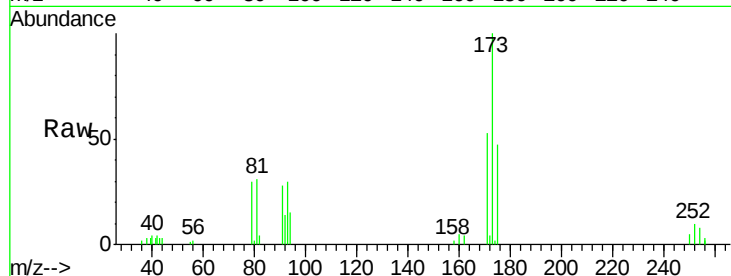




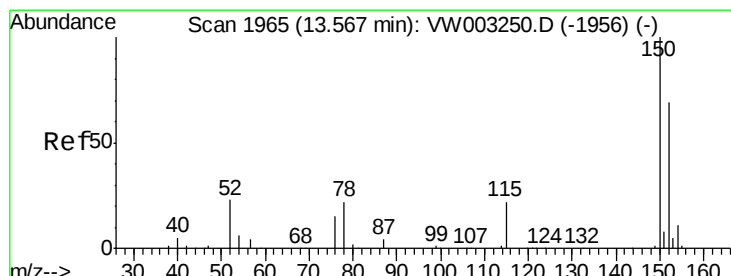
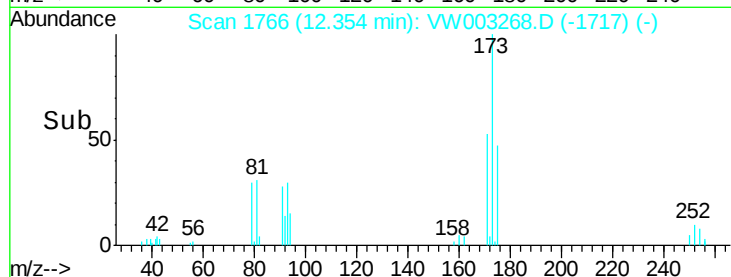
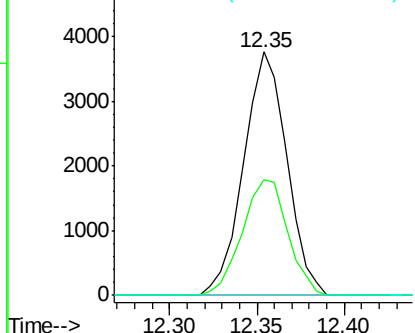
#71
Bromoform
Concen: 4.845 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tgt Ion:173 Resp: 6458
Ion Ratio Lower Upper
173 100
175 50.3 24.4 73.4
254 0.0 0.1 0.1#

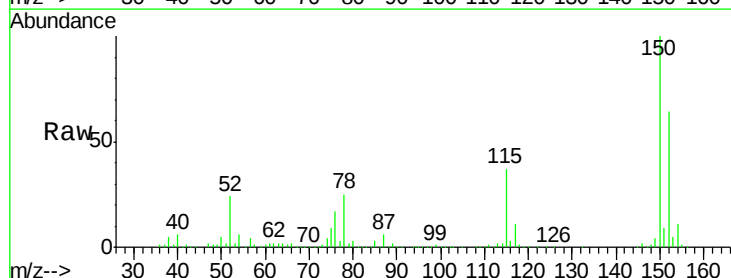


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

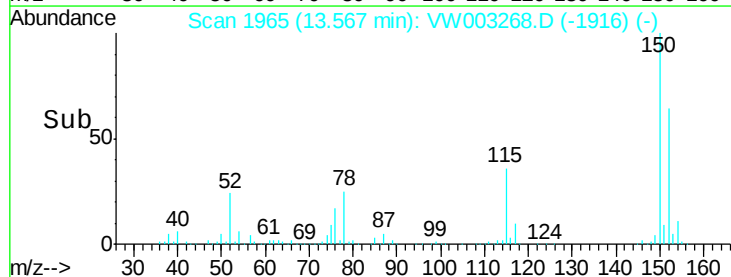
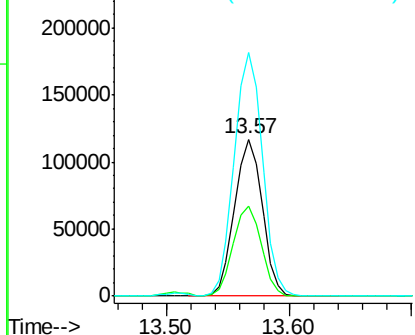


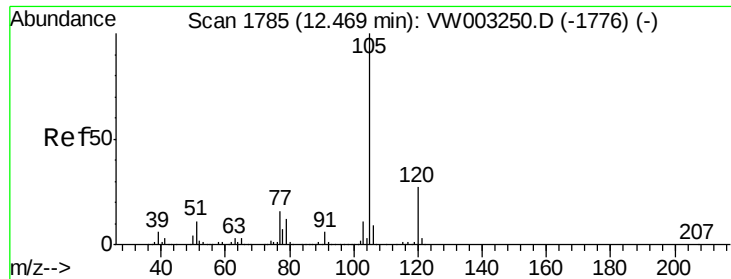
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:152 Resp: 183707
Ion Ratio Lower Upper
152 100
115 58.2 29.3 88.0
150 158.4 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: 4.532 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

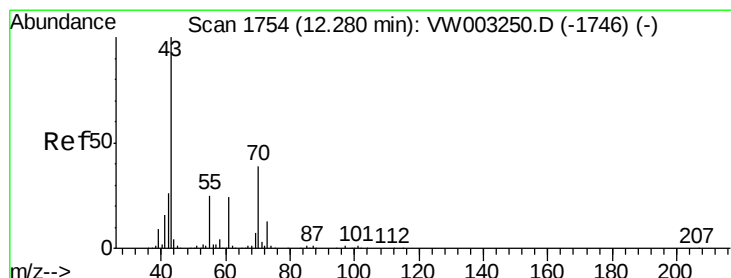
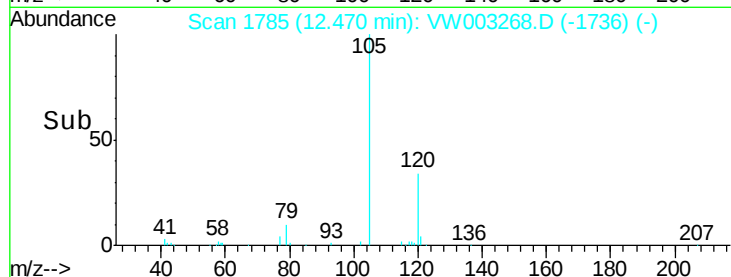
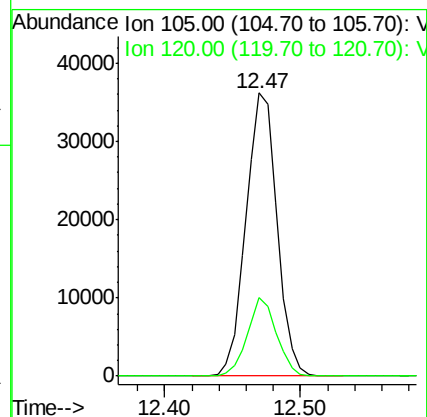
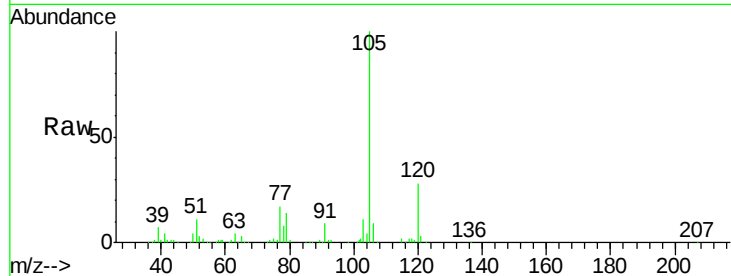
LOQ-SCM-Precision-Bias-3

Tgt Ion: 105 Resp: 57904

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 4.602 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Tgt Ion: 43 Resp: 13385

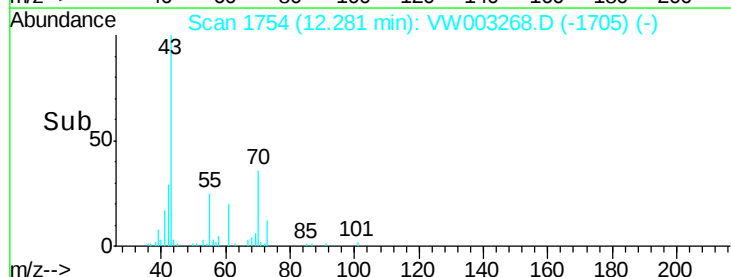
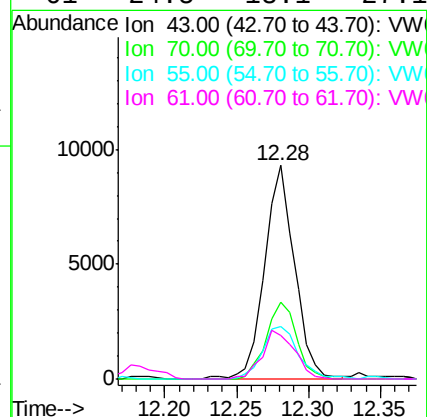
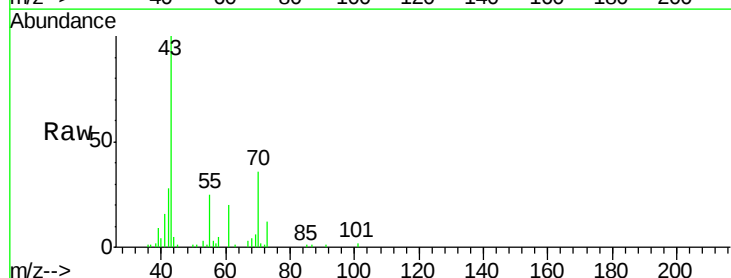
Ion Ratio Lower Upper

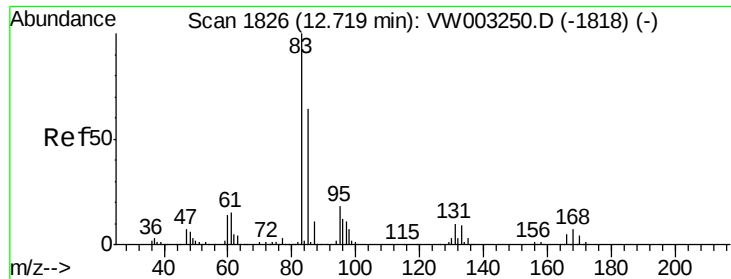
43 100

70 36.3 31.0 46.6

55 29.2 19.7 29.5

61 24.5 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.210 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

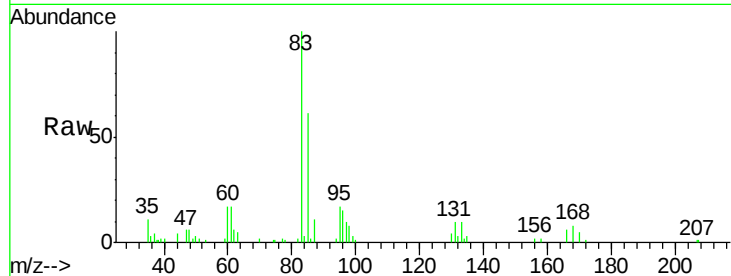
Tgt Ion: 83 Resp: 11262

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

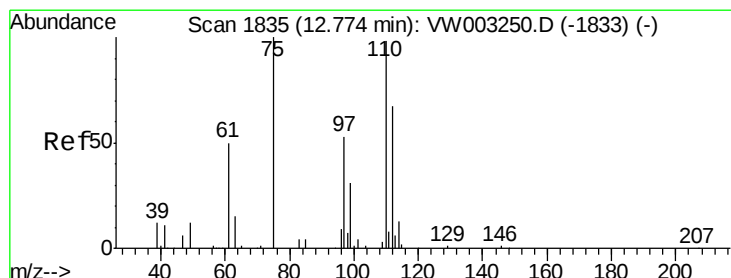
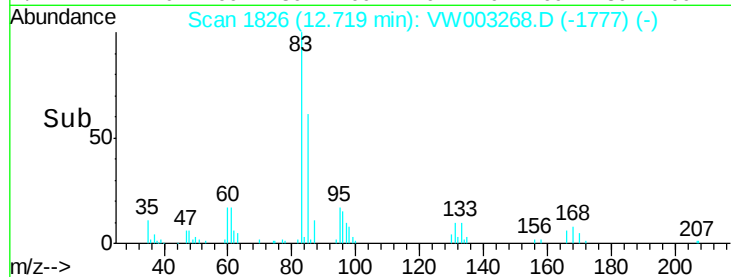
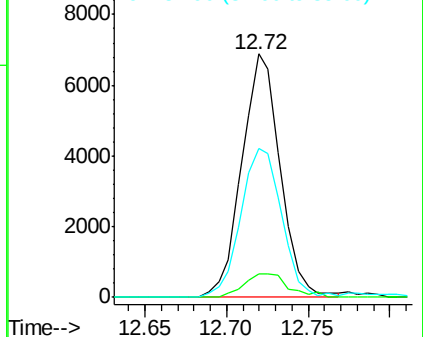
85 65.1 31.9 95.7



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: 9.489 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003268.D

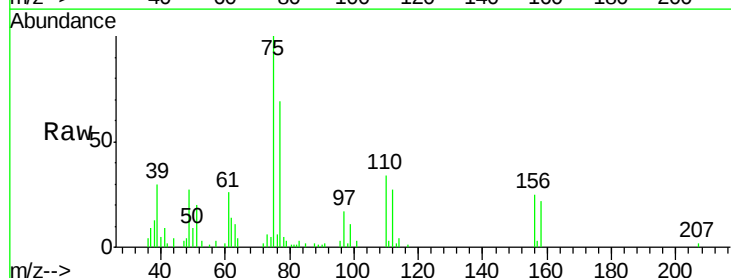
Acq: 14 Jun 2018 21:50

Tgt Ion: 75 Resp: 14902

Ion Ratio Lower Upper

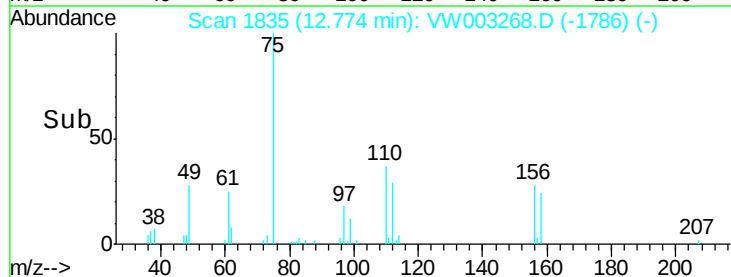
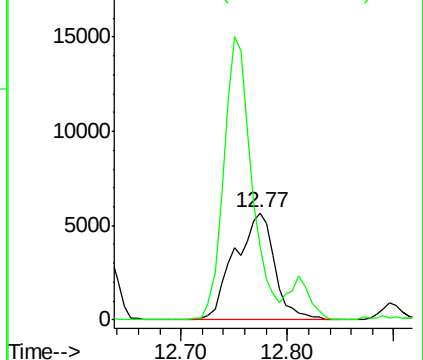
75 100

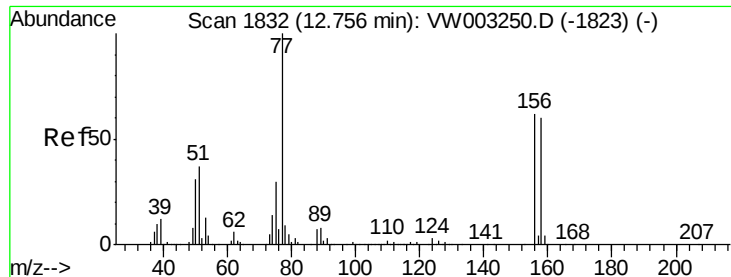
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.081 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

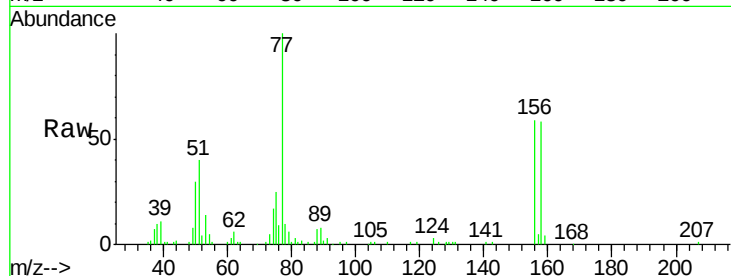
Tgt Ion:156 Resp: 15120

Ion Ratio Lower Upper

156 100

77 182.6 92.3 276.9

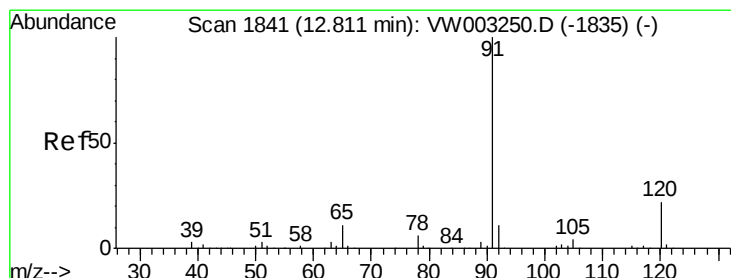
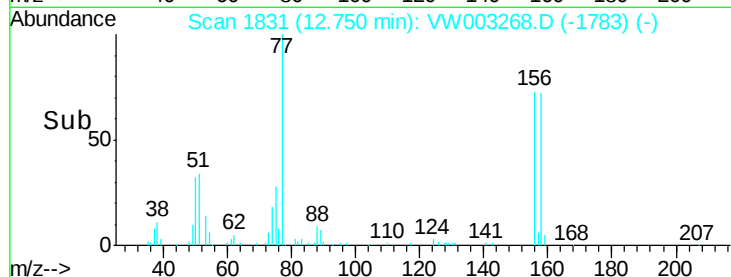
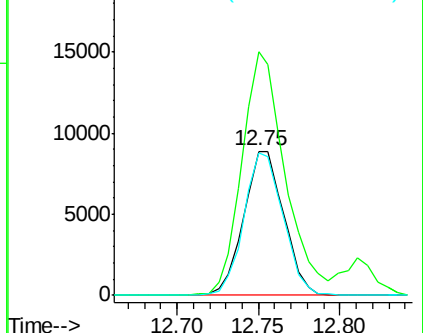
158 97.0 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.555 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003268.D

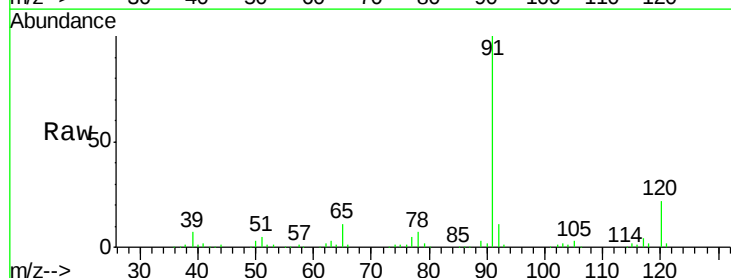
Acq: 14 Jun 2018 21:50

Tgt Ion: 91 Resp: 71267

Ion Ratio Lower Upper

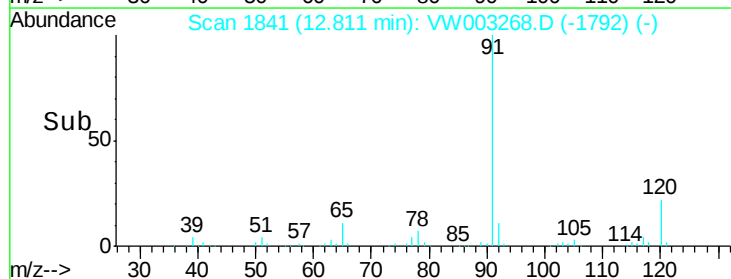
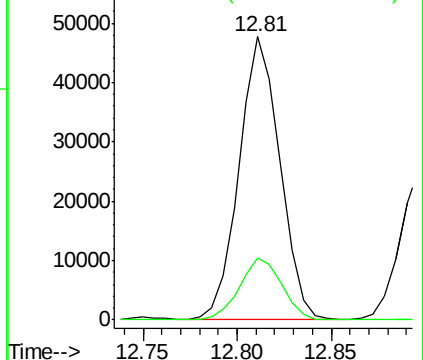
91 100

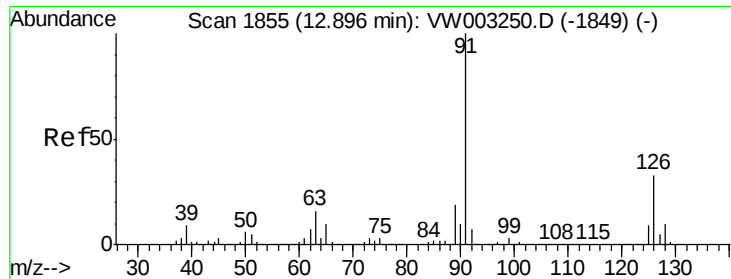
120 22.6 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

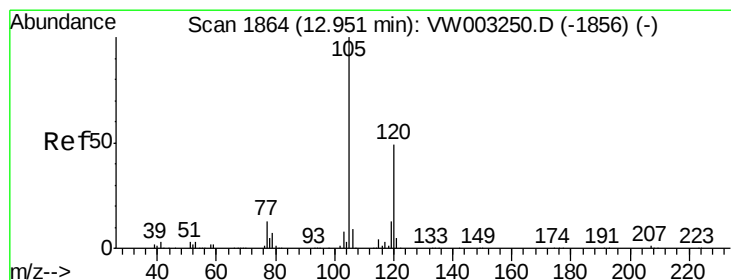
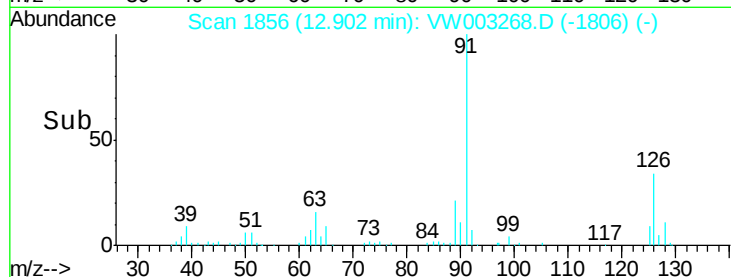
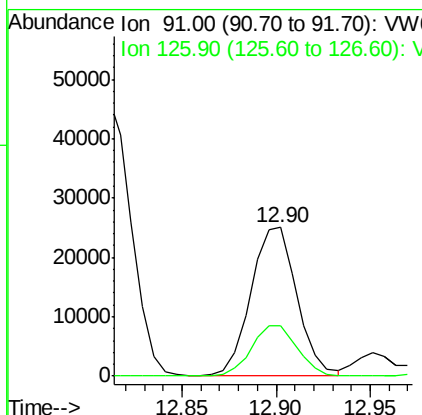
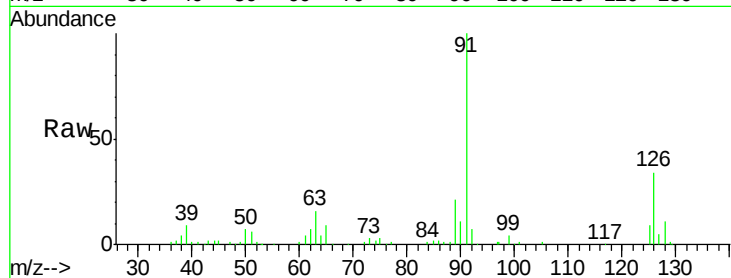




#79
 2-Chlorotoluene
 Concen: 4.794 ug/l
 RT: 12.90 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

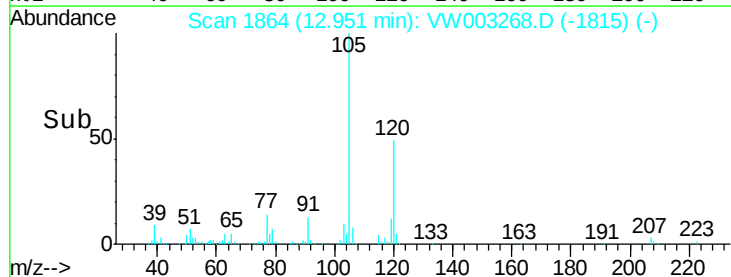
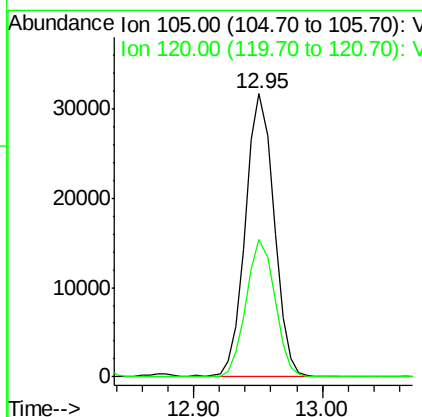
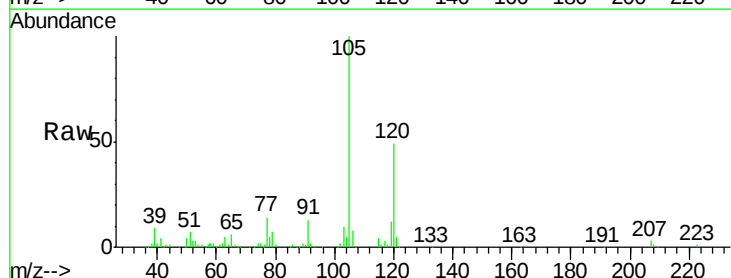
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

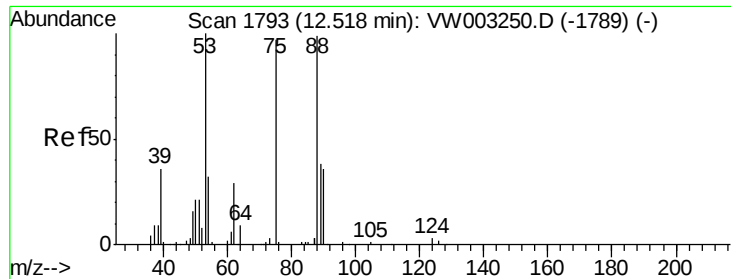
Tgt Ion: 91 Resp: 42384
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.543 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion: 105 Resp: 48723
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.3 72.9

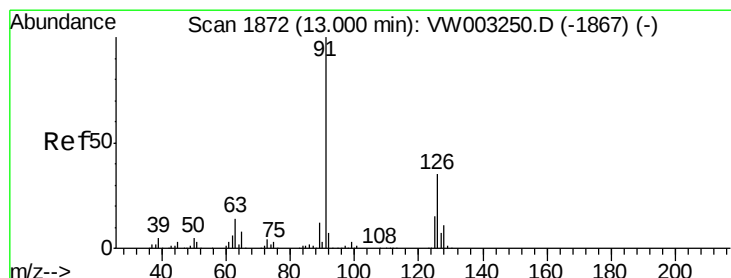
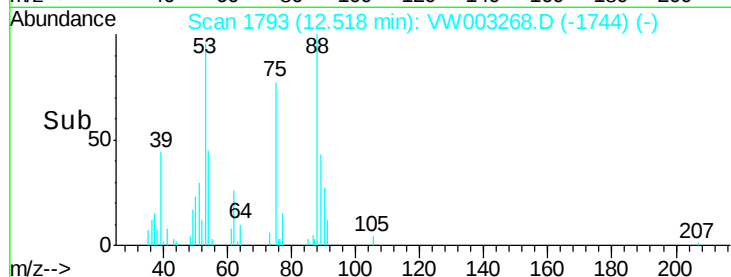
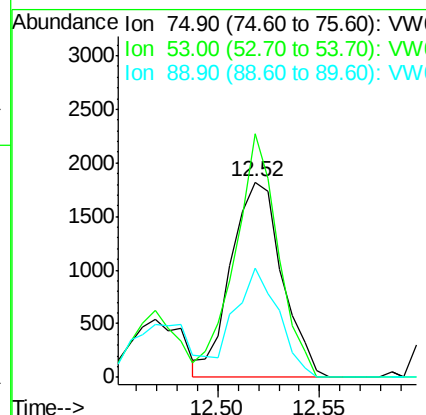
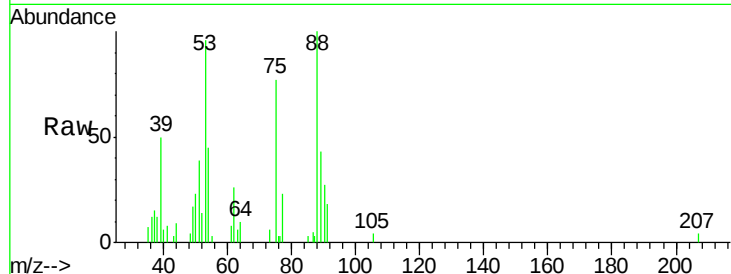




#81
trans-1,4-Dichloro-2-butene
Concen: 4.652 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

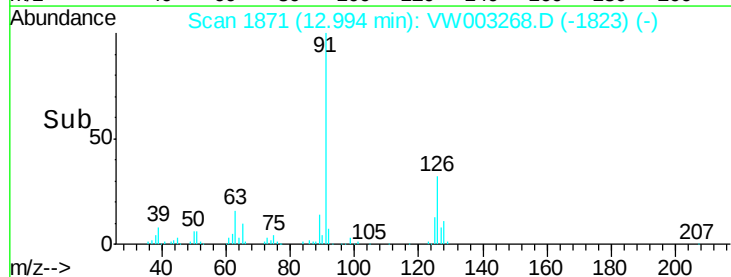
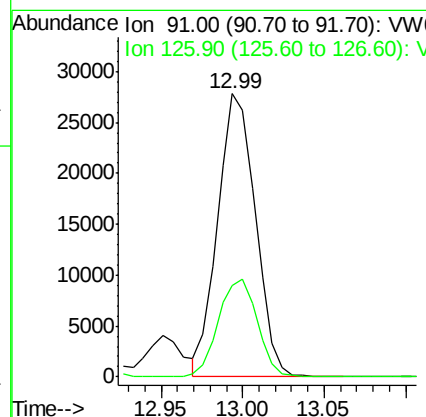
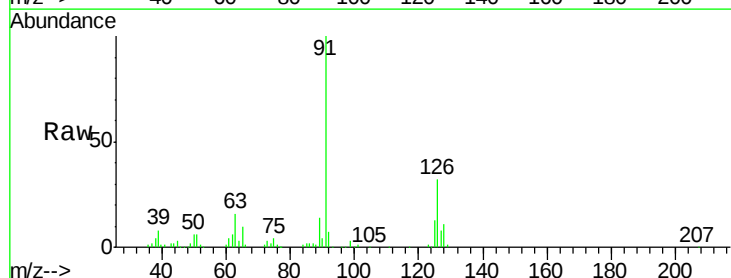
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

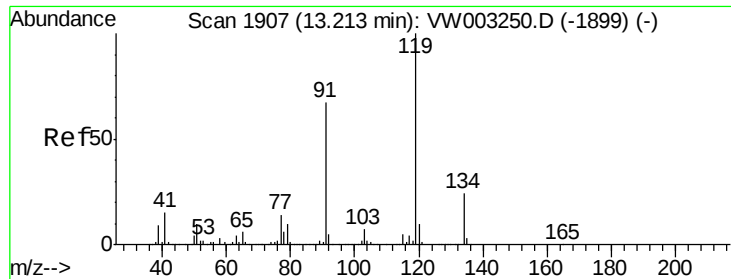
Tgt Ion: 75 Resp: 3175
Ion Ratio Lower Upper
75 100
53 104.7 82.9 124.3
89 46.3 36.7 55.1



#82
4-Chlorotoluene
Concen: 4.799 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.01 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion: 91 Resp: 45016
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.3

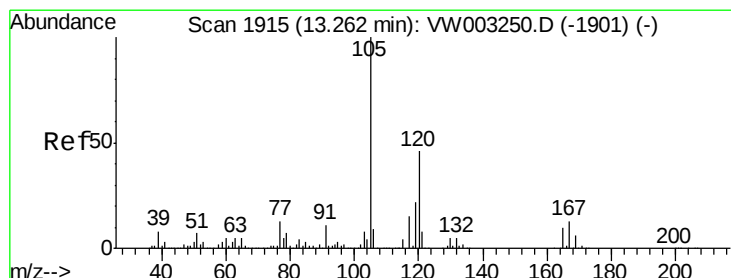
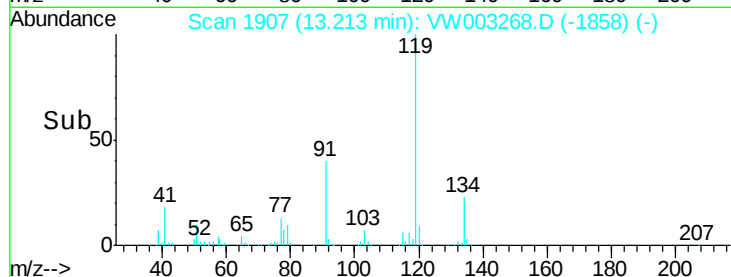
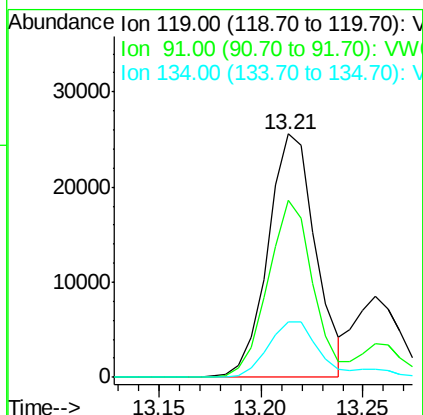
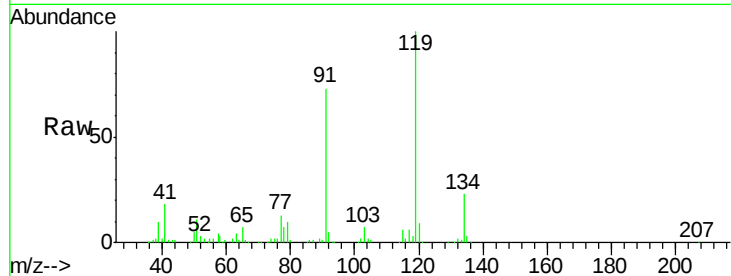




#83
 tert-Butylbenzene
 Concen: 4.543 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

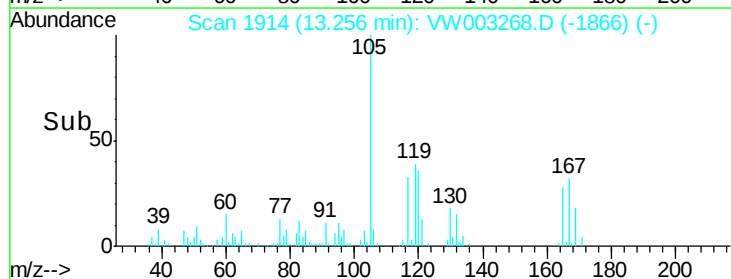
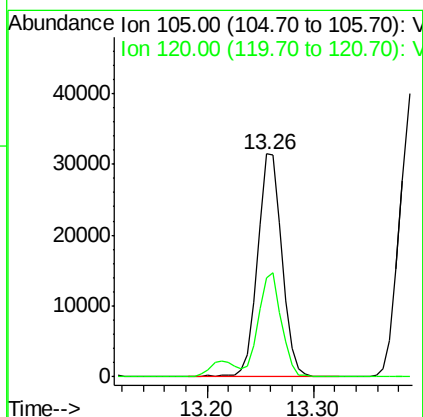
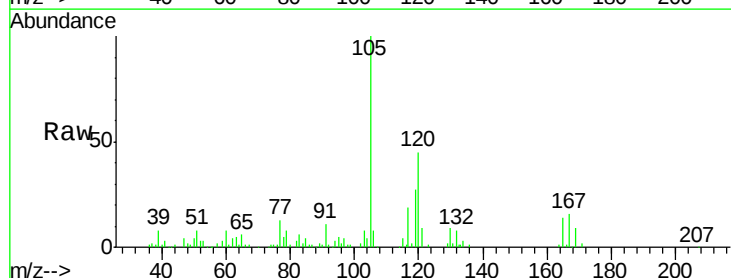
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

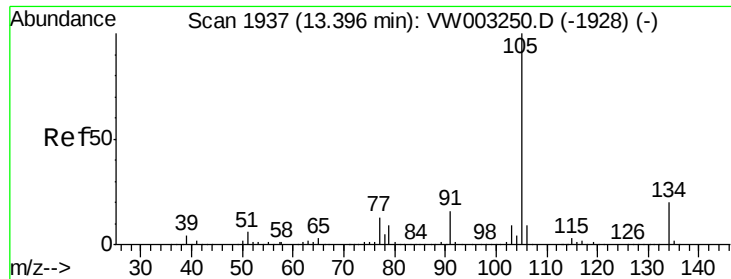
Tgt Ion:119 Resp: 41524
 Ion Ratio Lower Upper
 119 100
 91 69.7 33.9 101.7
 134 26.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.592 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion:105 Resp: 50665
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.5 67.5

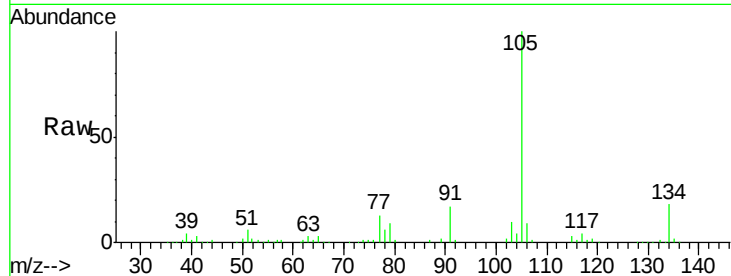




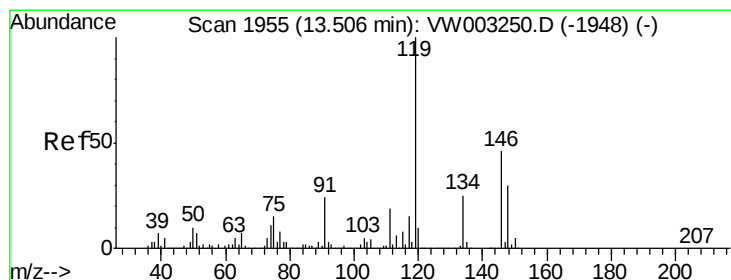
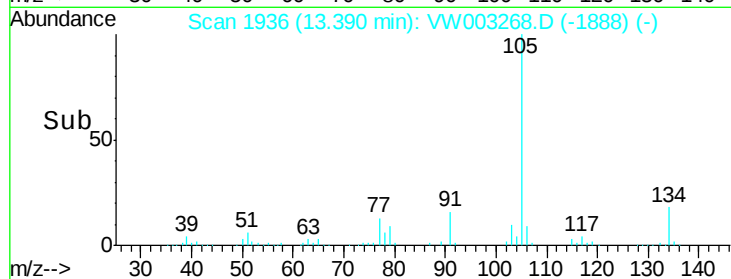
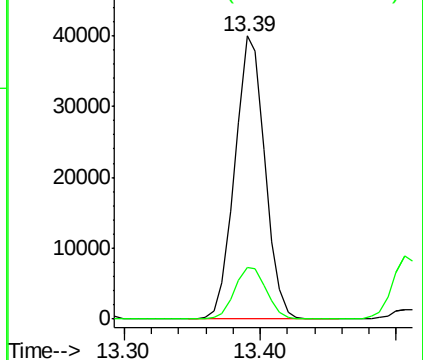
#85
 sec-Butylbenzene
 Concen: 4.527 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tgt Ion:105 Resp: 61502
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

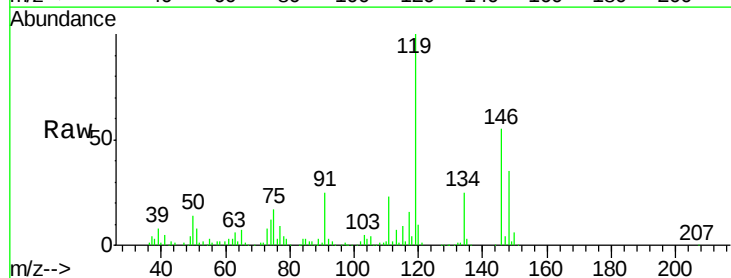


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

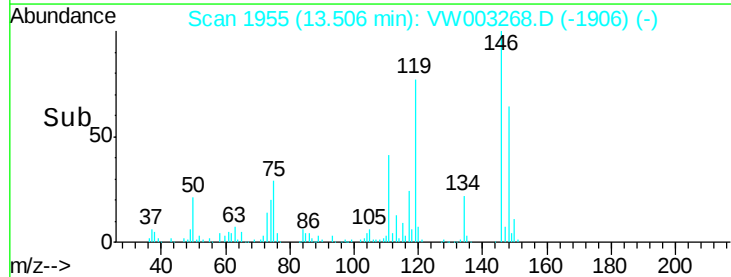
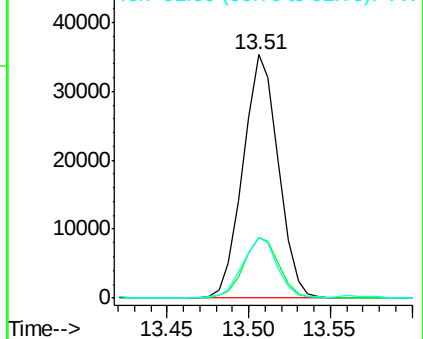


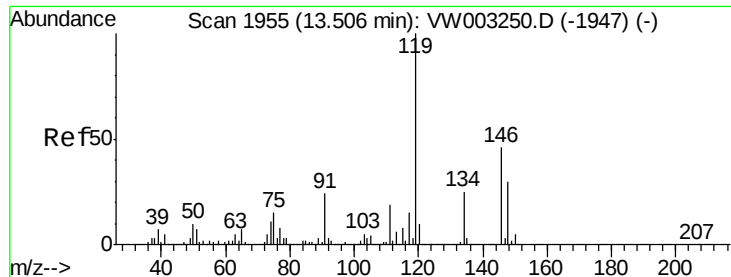
#86
 p-Isopropyltoluene
 Concen: 4.445 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion:119 Resp: 53269
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.9 38.7
 91 24.8 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

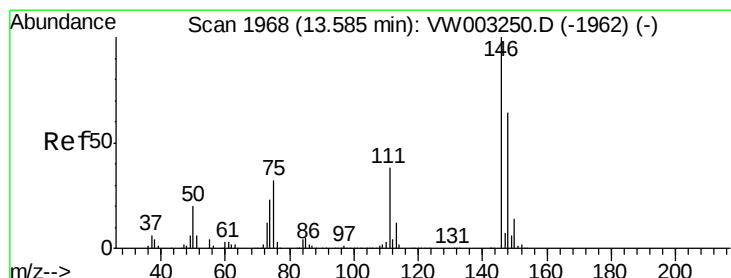
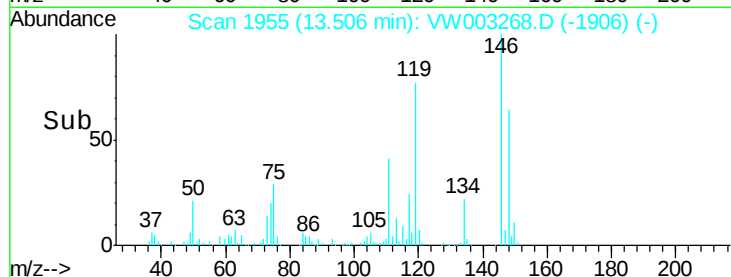
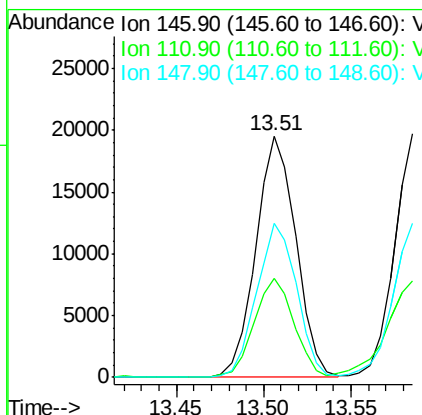
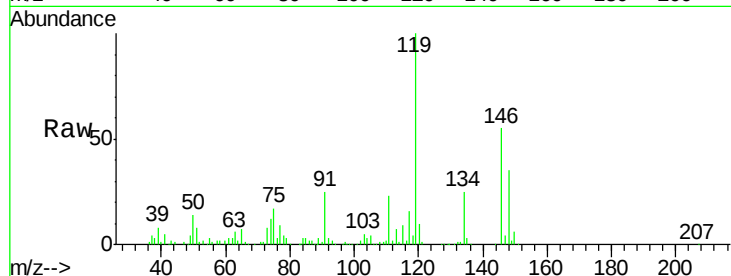




#87
 1,3-Dichlorobenzene
 Concen: 5.077 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

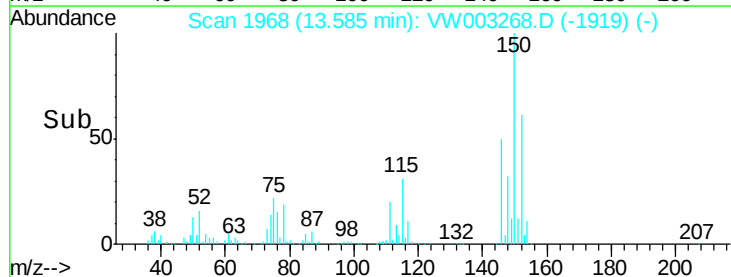
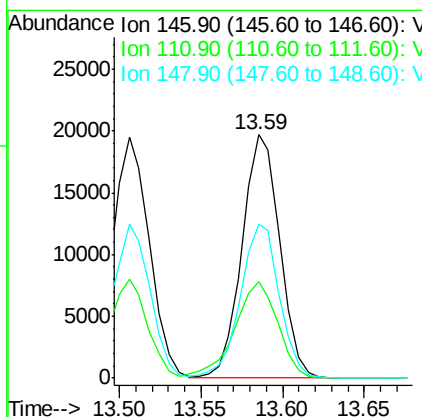
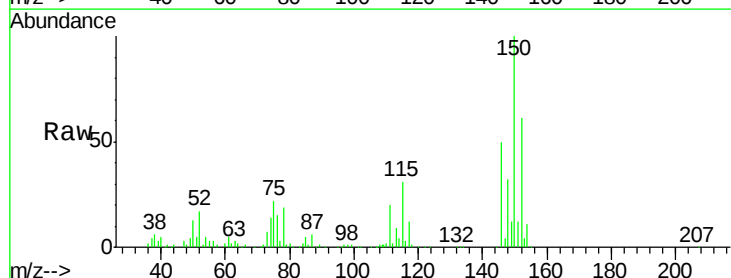
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

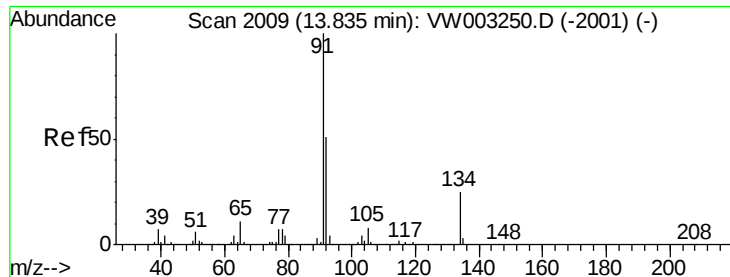
Tgt Ion:146 Resp: 31039
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.8 59.4
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.200 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion:146 Resp: 31605
 Ion Ratio Lower Upper
 146 100
 111 45.5 19.2 57.6
 148 65.5 31.8 95.4





#89

n-Butylbenzene

Concen: 4.471 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

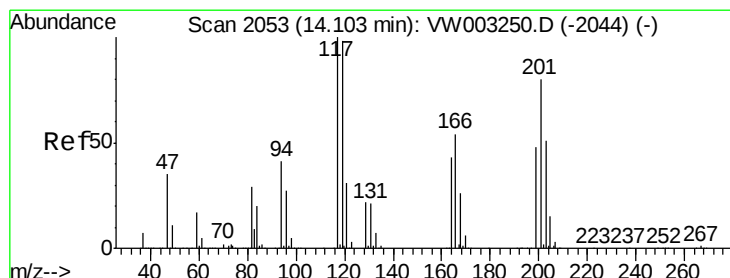
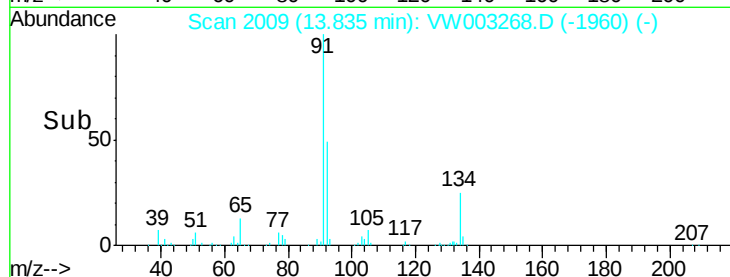
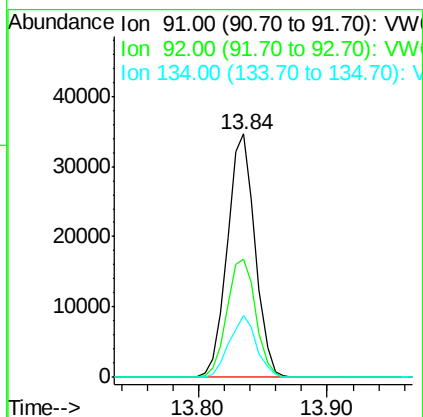
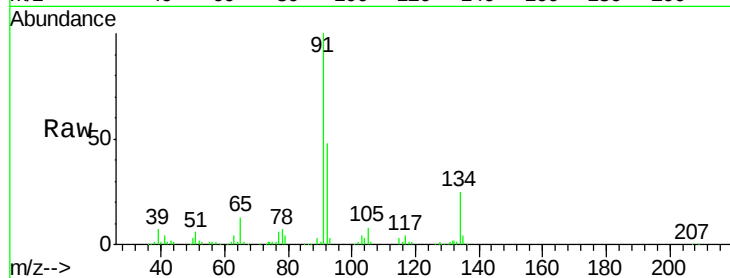
Tgt Ion: 91 Resp: 52226

Ion Ratio Lower Upper

91 100

92 50.4 26.0 78.0

134 24.7 12.7 38.0



#90

Hexachloroethane

Concen: 4.936 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003268.D

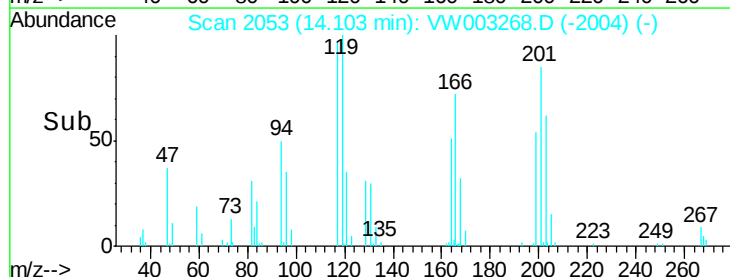
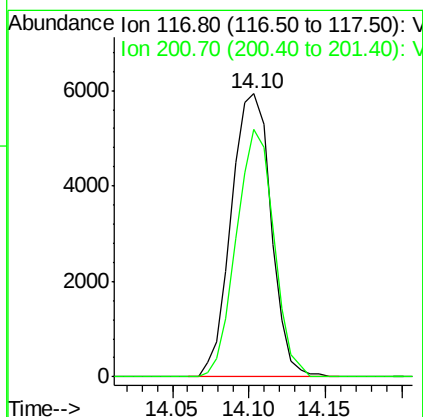
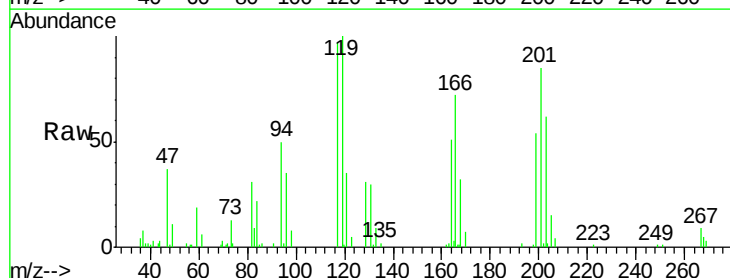
Acq: 14 Jun 2018 21:50

Tgt Ion: 117 Resp: 10699

Ion Ratio Lower Upper

117 100

201 82.6 39.5 118.5

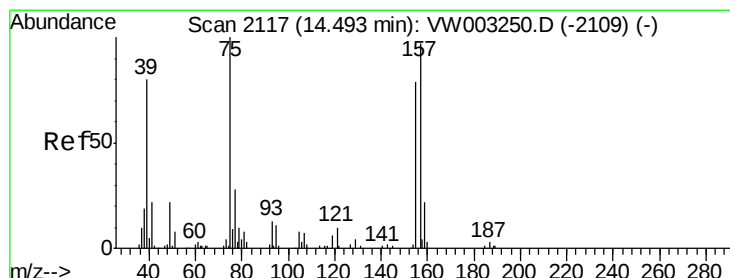
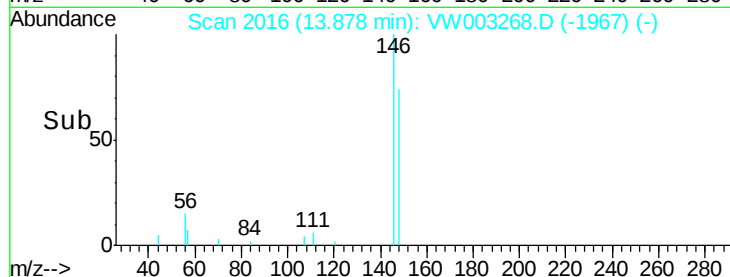
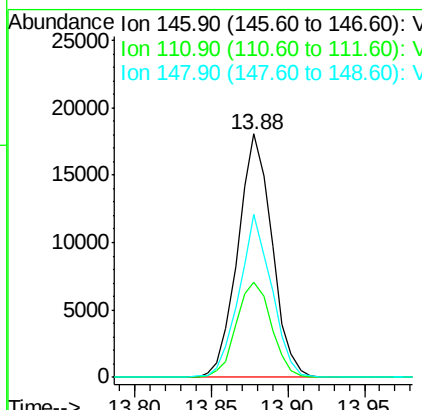
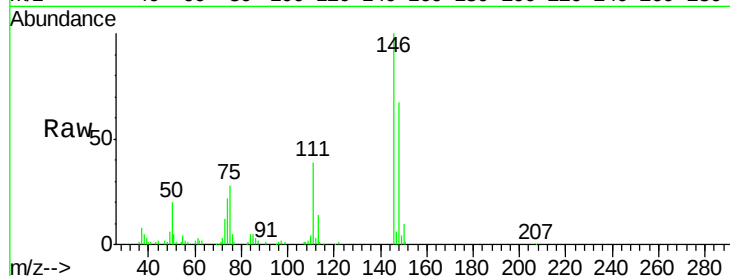




#91
 1,2-Dichlorobenzene
 Concen: 5.216 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

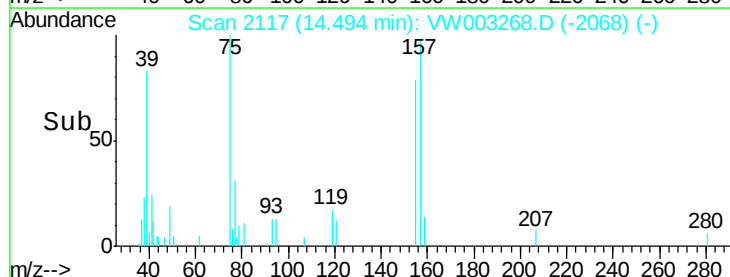
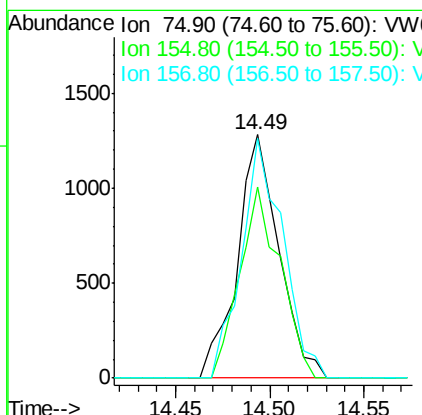
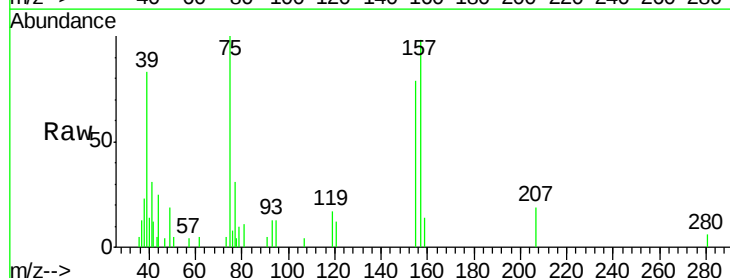
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

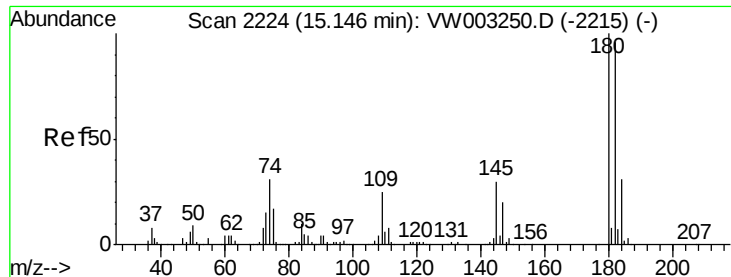
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	64.1	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.388 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003268.D
 Acq: 14 Jun 2018 21:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.6	39.4	118.2
157	98.1	51.5	154.5

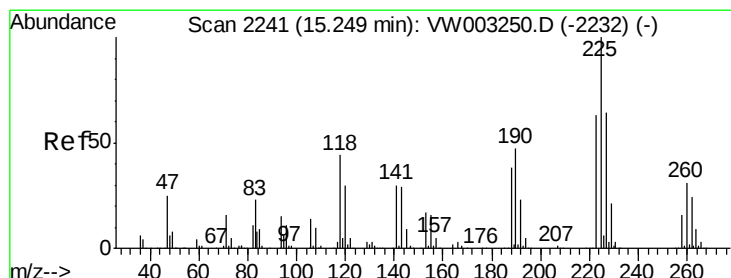
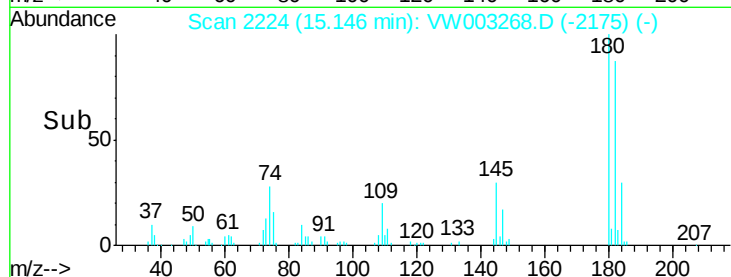
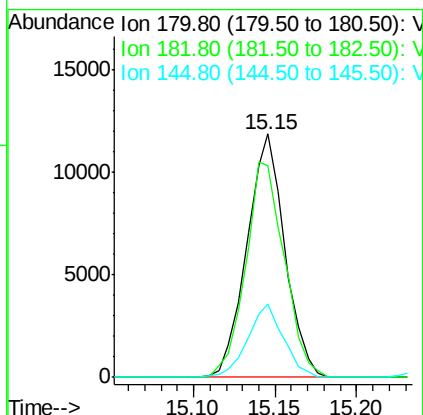
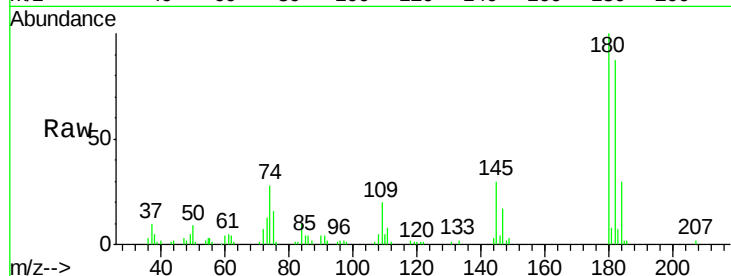




#93
1,2,4-Trichlorobenzene
Concen: 5.093 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

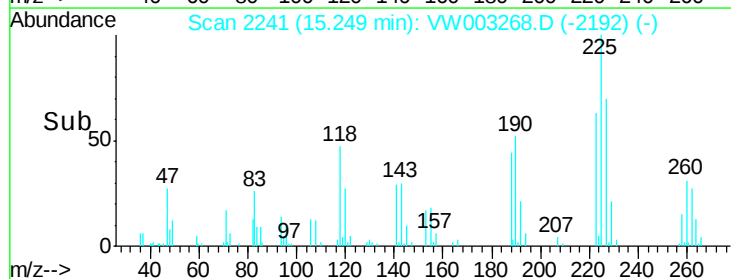
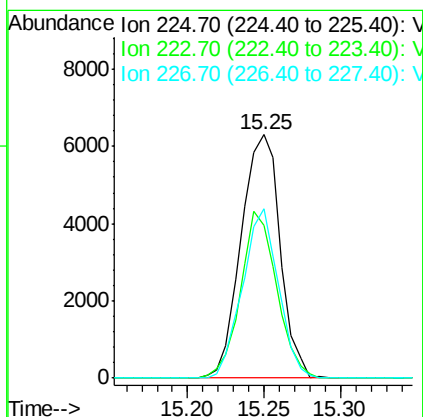
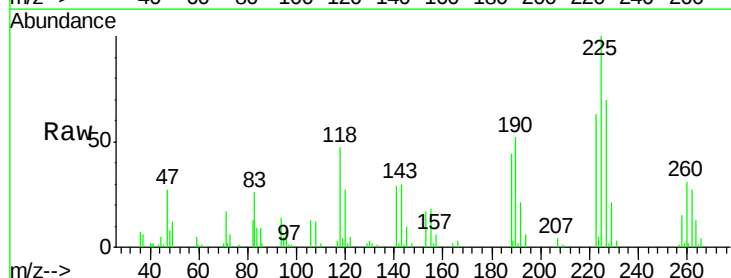
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-3

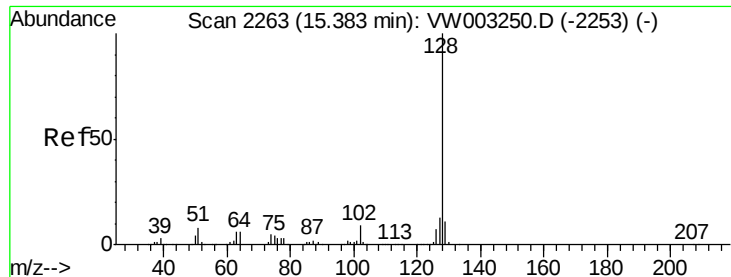
Tgt Ion:180 Resp: 19147
Ion Ratio Lower Upper
180 100
182 90.4 47.9 143.6
145 28.3 15.2 45.5



#94
Hexachlorobutadiene
Concen: 4.945 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003268.D
Acq: 14 Jun 2018 21:50

Tgt Ion:225 Resp: 11181
Ion Ratio Lower Upper
225 100
223 63.4 30.6 92.0
227 64.0 31.7 95.1





#95

Naphthalene

Concen: 4.332 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-3

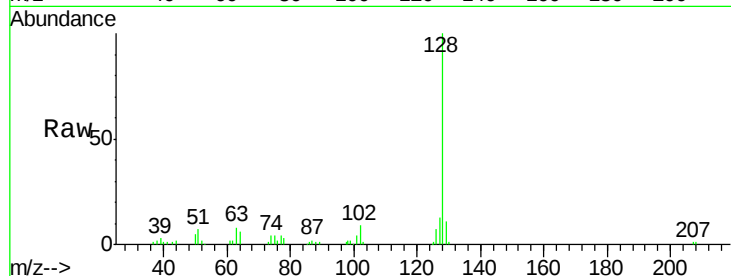
Tgt Ion:128 Resp: 27621

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

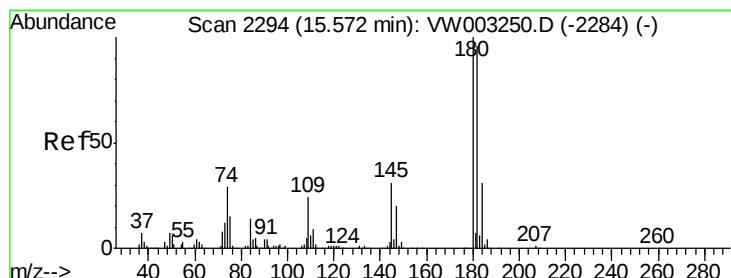
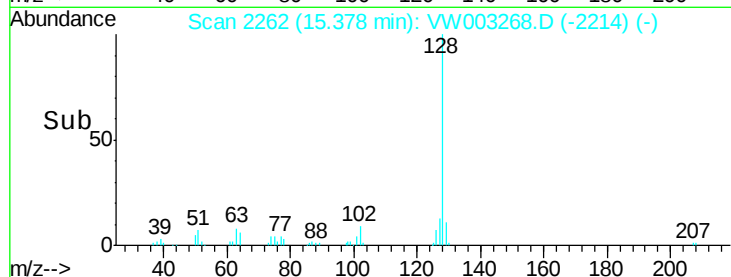
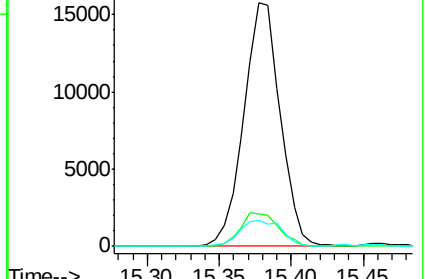
129 12.3 8.9 13.3



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



#96

1,2,3-Trichlorobenzene

Concen: 5.060 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003268.D

Acq: 14 Jun 2018 21:50

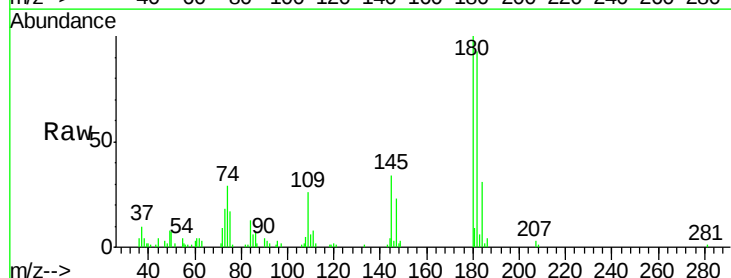
Tgt Ion:180 Resp: 16743

Ion Ratio Lower Upper

180 100

182 90.8 47.9 143.6

145 31.1 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

