

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003267.D
 Acq On : 14 Jun 2018 21:24
 Operator : VA/AP
 Sample : J2923-02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

Quant Time: Jun 15 06:46:26 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	231151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	373064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179326	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13974	5.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.16%	
35) Dibromofluoromethane	7.89	113	11800	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	10.33	98	44622	4.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.70%	
62) 4-Bromofluorobenzene	12.62	95	14840	4.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.12%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	3699	5.293 ug/l	95
3) Chloromethane	2.21	50	10839	6.139 ug/l	100
4) Vinyl Chloride	2.36	62	14998	5.827 ug/l	96
5) Bromomethane	2.78	94	10768	6.294 ug/l	100
6) Chloroethane	2.92	64	9891	5.521 ug/l	99
7) Trichlorofluoromethane	3.26	101	8440	5.473 ug/l	97
8) Diethyl Ether	3.68	74	6610	5.835 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11549	5.394 ug/l	98
10) Methyl Iodide	4.26	142	17757	5.483 ug/l	97
11) Tert butyl alcohol	5.25	59	3066	22.833 ug/l #	90
12) 1,1-Dichloroethene	4.03	96	11483	5.488 ug/l	94
13) Acrolein	3.90	56	5496	28.628 ug/l	98
14) Allyl chloride	4.66	41	18784	5.182 ug/l	97
15) Acrylonitrile	5.37	53	13115	28.140 ug/l	98
16) Acetone	4.14	43	15907	30.293 ug/l	96
17) Carbon Disulfide	4.37	76	35766	5.782 ug/l	99
18) Methyl Acetate	4.67	43	9646	7.743 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20175	5.148 ug/l	99
20) Methylene Chloride	4.91	84	17870	4.684 ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	12332	5.415 ug/l	91
22) Diisopropyl ether	6.31	45	35354	4.847 ug/l #	89
23) Vinyl Acetate	6.26	43	90389	21.502 ug/l	100
24) 1,1-Dichloroethane	6.21	63	23064	5.326 ug/l	100
25) 2-Butanone	7.19	43	18359	28.117 ug/l	93
26) 2,2-Dichloropropane	7.17	77	15676	5.424 ug/l	94
27) cis-1,2-Dichloroethene	7.17	96	13079	5.228 ug/l	92
28) Bromochloromethane	7.51	49	9397	5.215 ug/l	99
29) Tetrahydrofuran	7.54	42	10844	27.174 ug/l	95
30) Chloroform	7.68	83	23606	5.351 ug/l	97
31) Cyclohexane	7.95	56	24176	5.976 ug/l #	84
32) 1,1,1-Trichloroethane	7.88	97	18767	5.153 ug/l	97
36) 1,1-Dichloropropene	8.09	75	17976	4.989 ug/l	99
37) Ethyl Acetate	7.26	43	8685	5.819 ug/l	97
38) Carbon Tetrachloride	8.07	117	18203	5.151 ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	19263	4.621	ug/l	94
40) Benzene	8.33	78	51251	5.161	ug/l	98
41) Methacrylonitrile	7.49	41	3974	4.339	ug/l #	89
42) 1,2-Dichloroethane	8.41	62	16112	5.178	ug/l	98
43) Isopropyl Acetate	8.43	43	14728	4.969	ug/l	96
44) Trichloroethene	9.09	130	13277	5.045	ug/l	88
45) 1,2-Dichloropropane	9.37	63	12801	5.063	ug/l	99
46) Dibromomethane	9.46	93	7242	5.594	ug/l	93
47) Bromodichloromethane	9.65	83	16303	4.913	ug/l	90
48) Methyl methacrylate	9.45	41	6737	4.837	ug/l	98
49) 1,4-Dioxane	9.50	88	1985	101.552	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	37488	24.824	ug/l	98
52) Toluene	10.39	92	30265	4.752	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	15652	4.618	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	18116	4.696	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9661	5.296	ug/l	95
56) Ethyl methacrylate	10.65	69	9578	4.324	ug/l	92
57) 1,3-Dichloropropane	10.94	76	15882	5.048	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	23571	23.736	ug/l	99
59) 2-Hexanone	10.98	43	23435	22.214	ug/l	99
60) Dibromochloromethane	11.13	129	10362	4.776	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8511	4.932	ug/l	96
64) Tetrachloroethene	10.87	164	12481	5.444	ug/l	95
65) Chlorobenzene	11.66	112	36099	5.057	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	12186	4.858	ug/l	96
67) Ethyl Benzene	11.74	91	57489	4.543	ug/l	99
68) m/p-Xylenes	11.85	106	42378	8.810	ug/l	99
69) o-Xylene	12.18	106	20026	4.492	ug/l	98
70) Styrene	12.18	104	32329	4.357	ug/l	99
71) Bromoform	12.35	173	6081	4.677	ug/l #	96
73) Isopropylbenzene	12.47	105	53289	4.272	ug/l	99
74) N-amyl acetate	12.28	43	12412	4.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	10982	5.204	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	13517	8.817	ug/l #	100
77) Bromobenzene	12.76	156	13809	4.754	ug/l	97
78) n-propylbenzene	12.81	91	66102	4.328	ug/l	100
79) 2-Chlorotoluene	12.90	91	39011	4.520	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	45646	4.360	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	2929	4.396	ug/l	95
82) 4-Chlorotoluene	12.99	91	42003	4.588	ug/l	99
83) tert-Butylbenzene	13.21	119	38347	4.298	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	46457	4.314	ug/l	100
85) sec-Butylbenzene	13.39	105	57024	4.300	ug/l	99
86) p-Isopropyltoluene	13.51	119	49323	4.217	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	28842	4.833	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	28764	4.849	ug/l	89
89) n-Butylbenzene	13.83	91	49341	4.327	ug/l	98
90) Hexachloroethane	14.10	117	9697	4.583	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	26358	5.042	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2081	5.860	ug/l	82

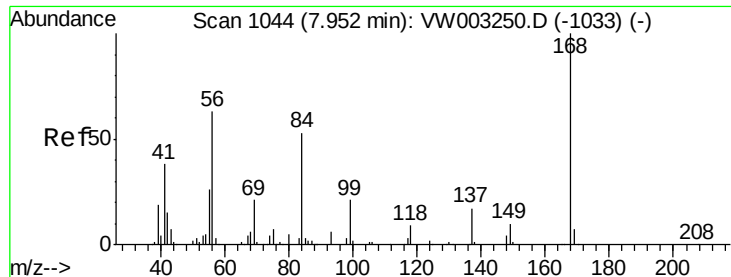
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	17843	4.862	ug/l	97
94) Hexachlorobutadiene	15.25	225	10744	4.867	ug/l	99
95) Naphthalene	15.38	128	27450	4.410	ug/l	96
96) 1,2,3-Trichlorobenzene	15.57	180	15151	4.691	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

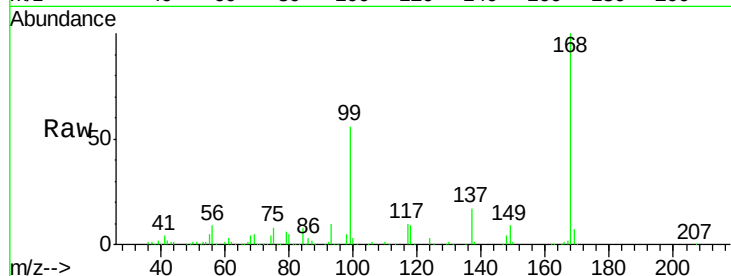
LOQ-SCM-Precision-Bias-2

Tgt Ion:168 Resp: 231151

Ion Ratio Lower Upper

168 100

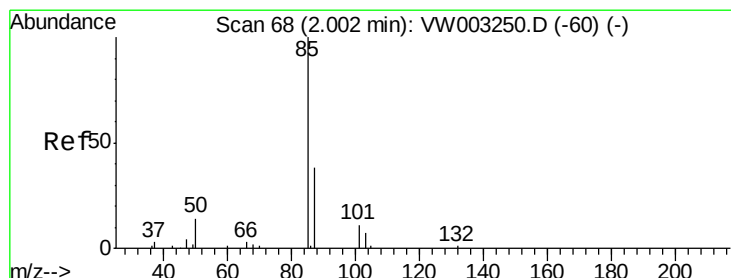
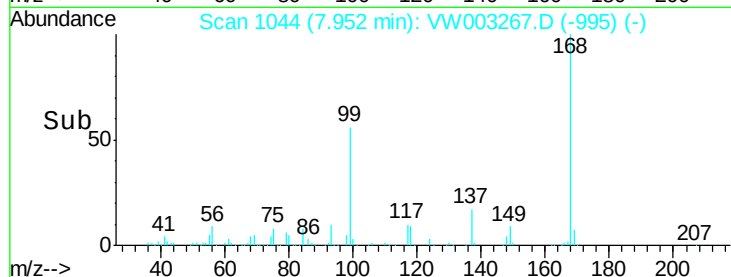
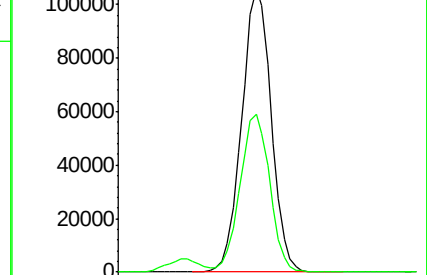
99 55.8 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 5.293 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003267.D

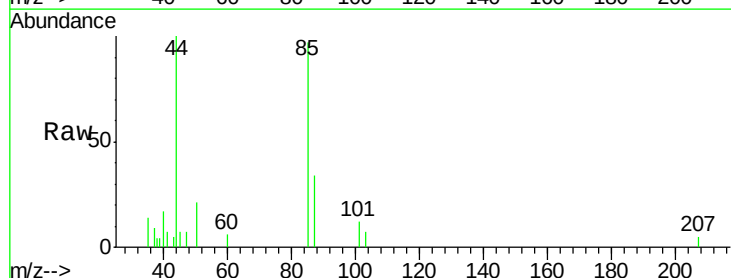
Acq: 14 Jun 2018 21:24

Tgt Ion: 85 Resp: 3699

Ion Ratio Lower Upper

85 100

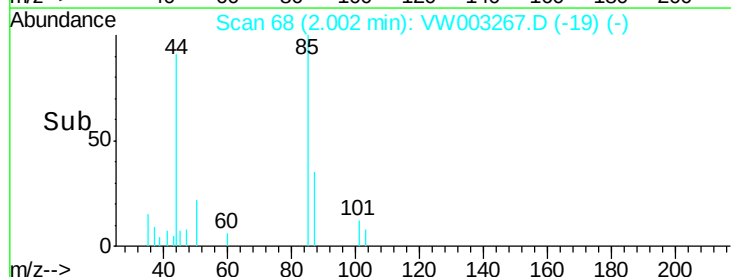
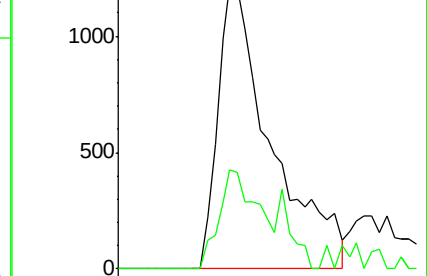
87 35.0 18.9 56.7

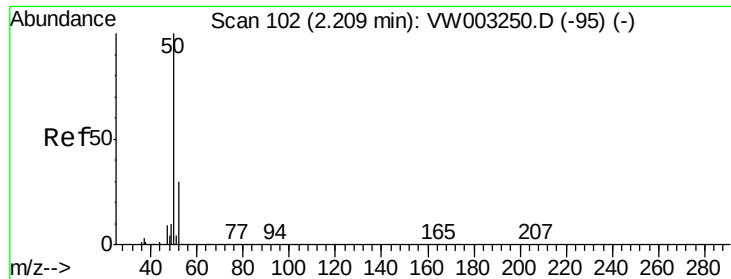


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00





#3

Chloromethane

Concen: 6.139 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

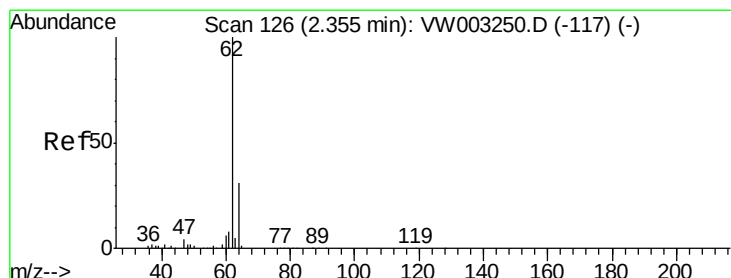
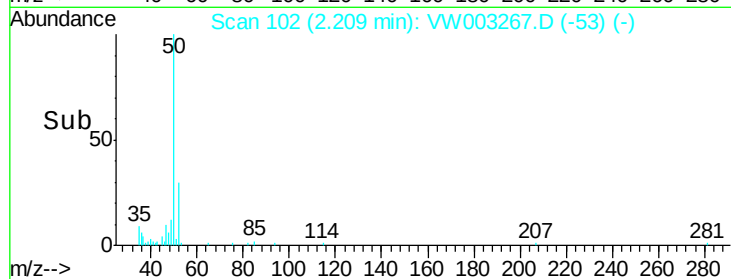
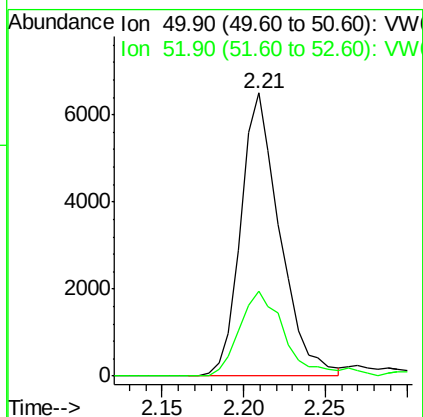
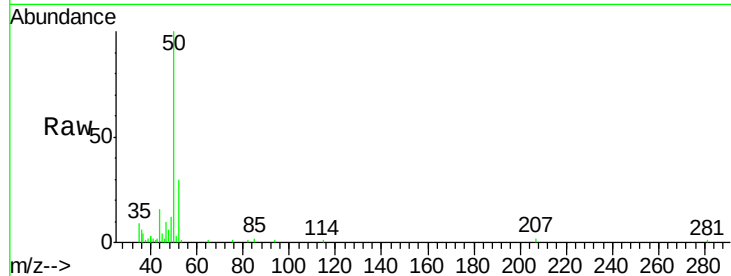
LOQ-SCM-Precision-Bias-2

Tgt Ion: 50 Resp: 10839

Ion Ratio Lower Upper

50 100

52 30.0 24.2 36.2



#4

Vinyl Chloride

Concen: 5.827 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003267.D

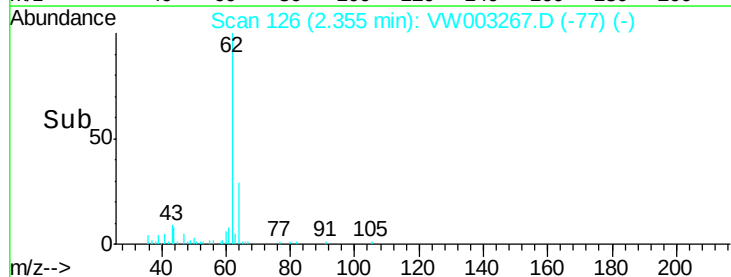
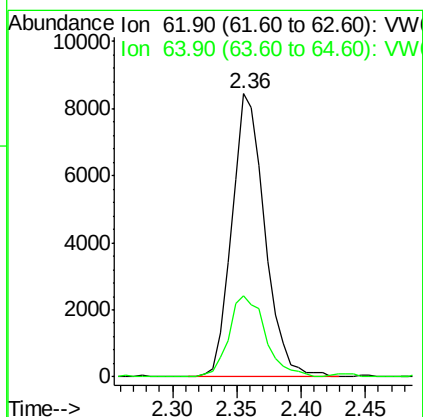
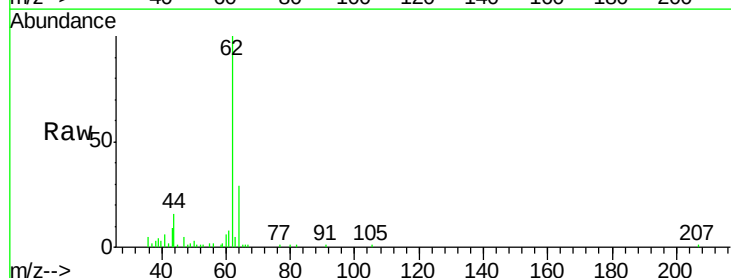
Acq: 14 Jun 2018 21:24

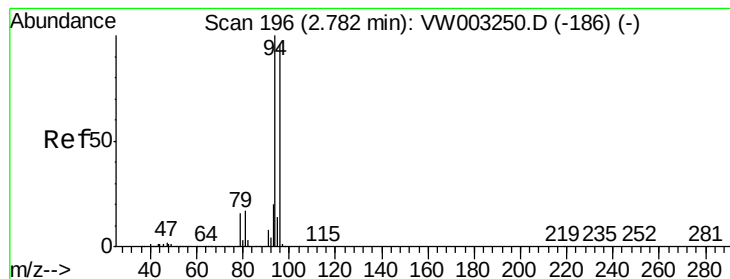
Tgt Ion: 62 Resp: 14998

Ion Ratio Lower Upper

62 100

64 28.8 24.9 37.3





#5

Bromomethane

Concen: 6.294 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

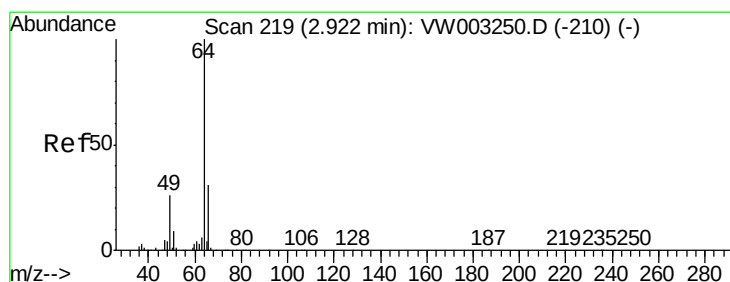
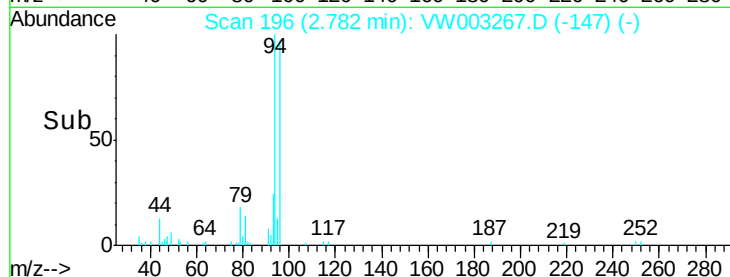
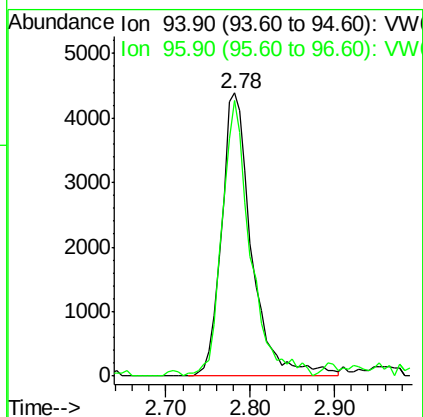
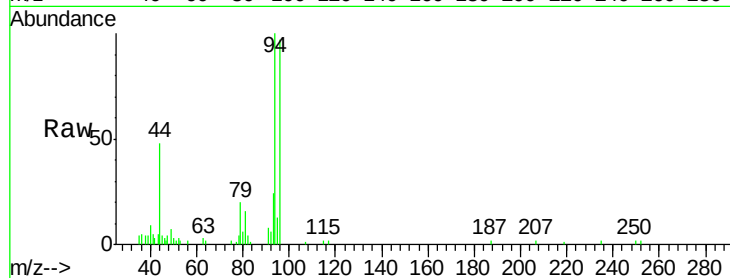
LOQ-SCM-Precision-Bias-2

Tgt Ion: 94 Resp: 10768

Ion Ratio Lower Upper

94 100

96 96.1 76.5 114.7



#6

Chloroethane

Concen: 5.521 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003267.D

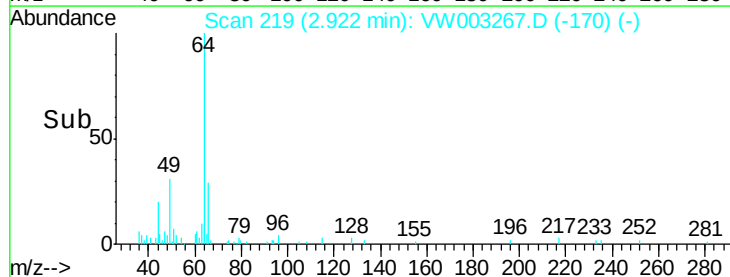
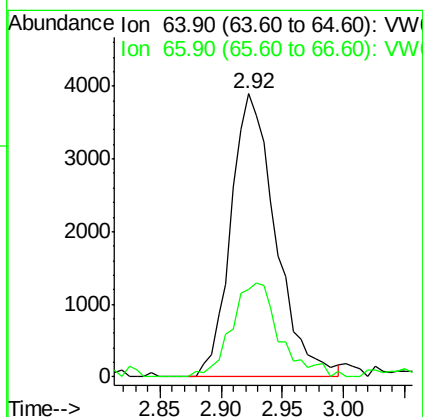
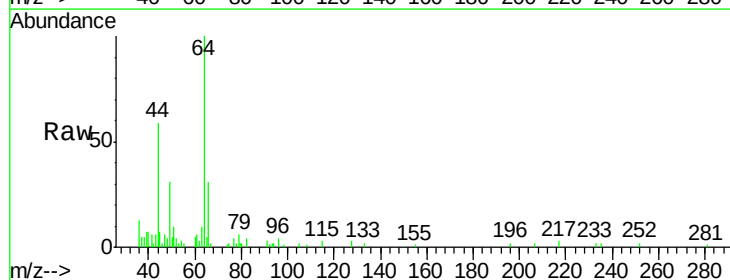
Acq: 14 Jun 2018 21:24

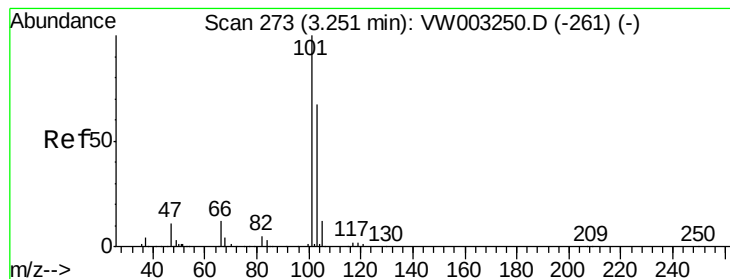
Tgt Ion: 64 Resp: 9891

Ion Ratio Lower Upper

64 100

66 30.9 24.4 36.6



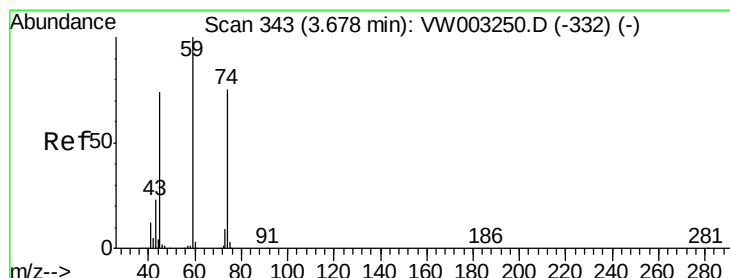
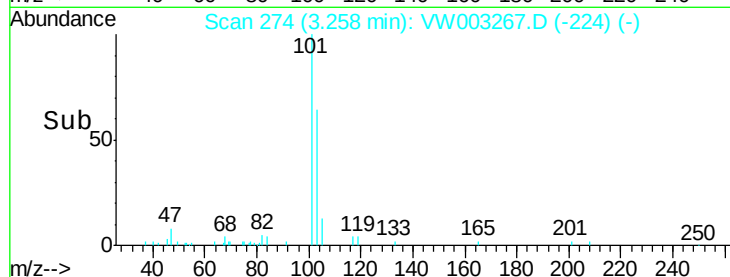
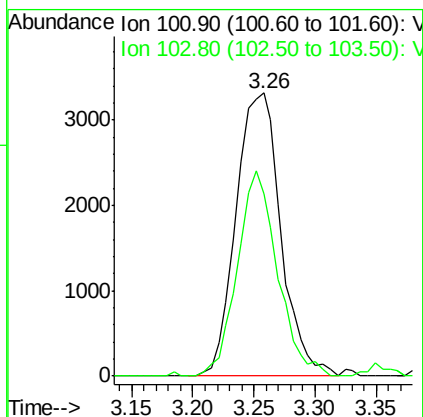
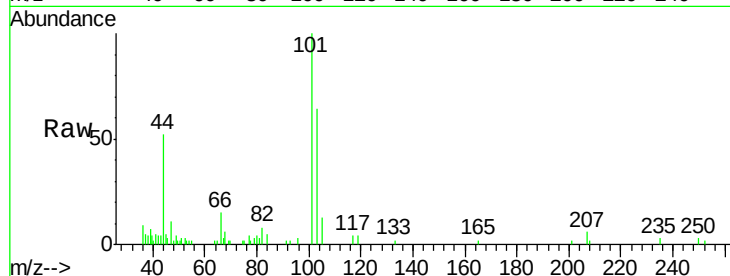


#7

Trichlorofluoromethane
Concen: 5.473 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003267.D
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ClientSampleId :
LOQ-SCM-Precision-Bias-2

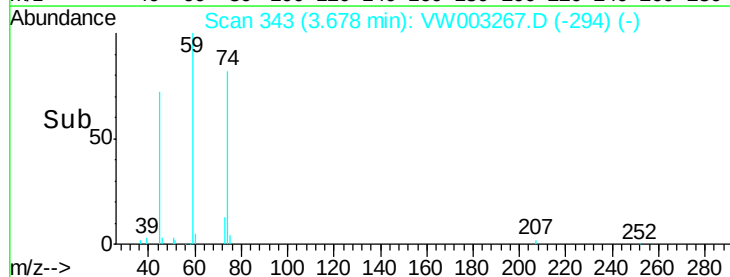
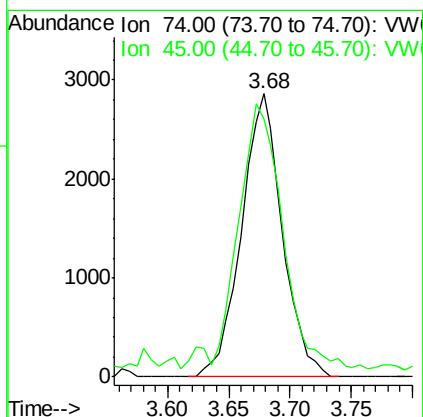
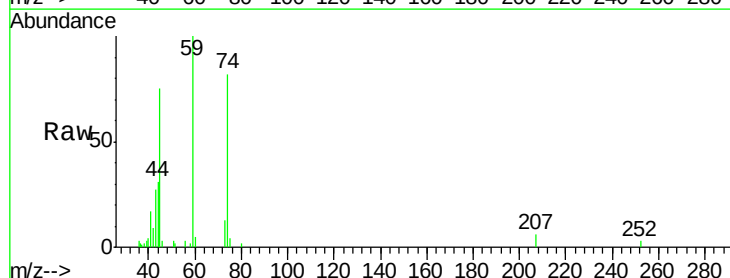
Tgt Ion: 101 Resp: 8440
Ion Ratio Lower Upper
101 100
103 64.4 53.4 80.0

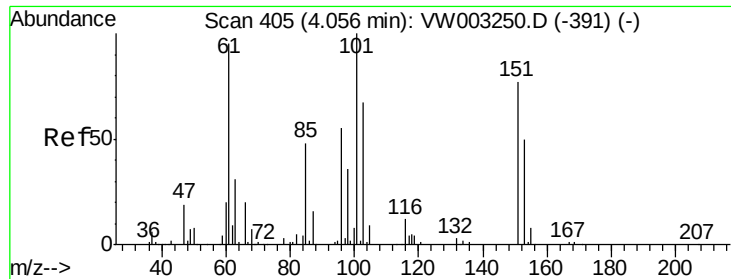


#8

Diethyl Ether
Concen: 5.835 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 74 Resp: 6610
Ion Ratio Lower Upper
74 100
45 98.6 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.394 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

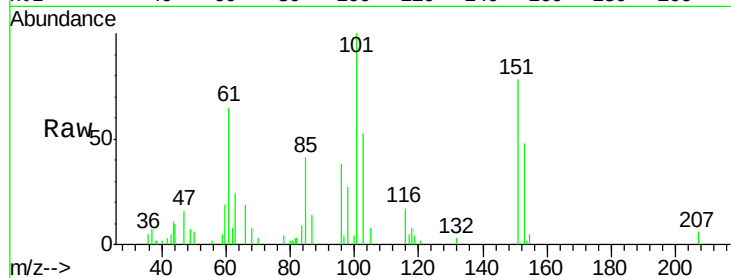
Tgt Ion:101 Resp: 11549

Ion Ratio Lower Upper

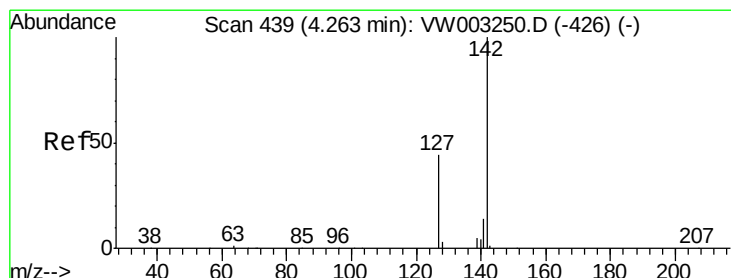
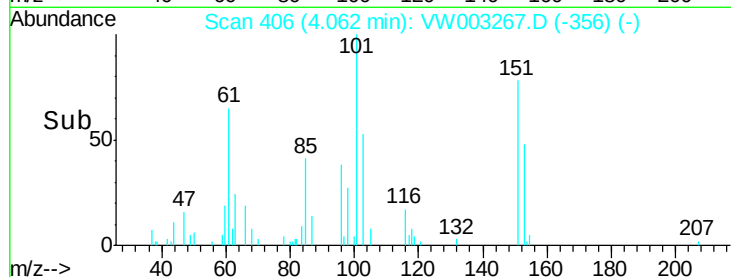
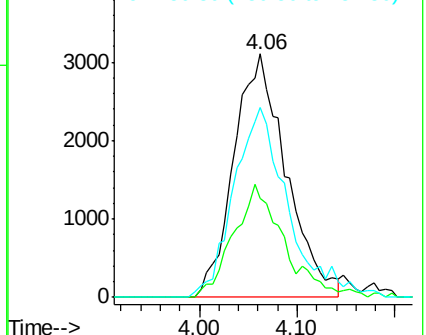
101 100

85 44.5 37.0 55.6

151 80.8 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: 5.483 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

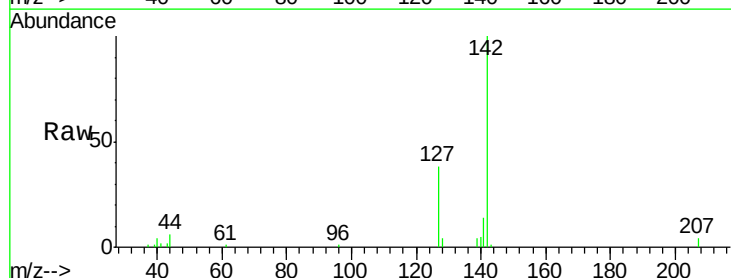
Tgt Ion:142 Resp: 17757

Ion Ratio Lower Upper

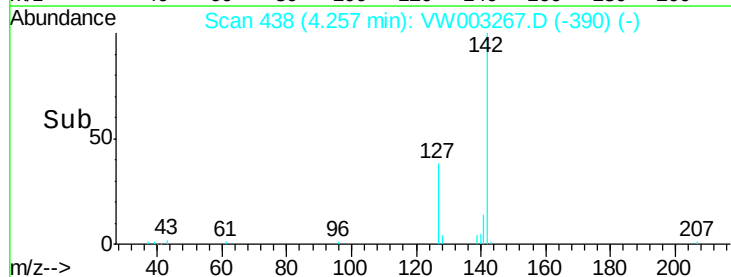
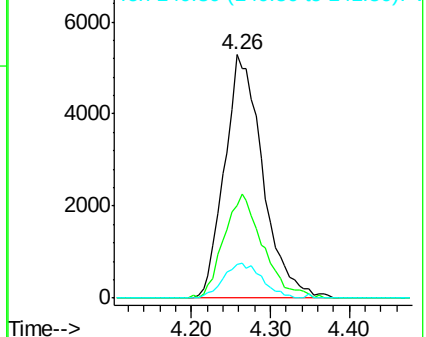
142 100

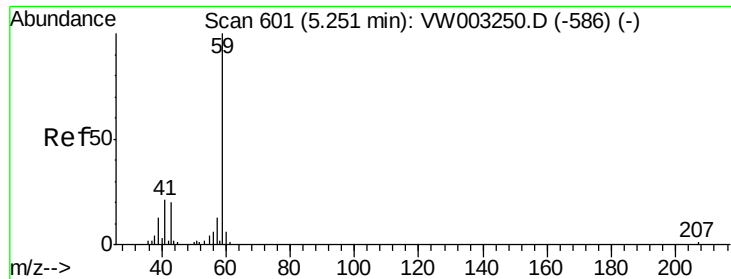
127 43.6 36.5 54.7

141 14.5 12.1 18.1



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



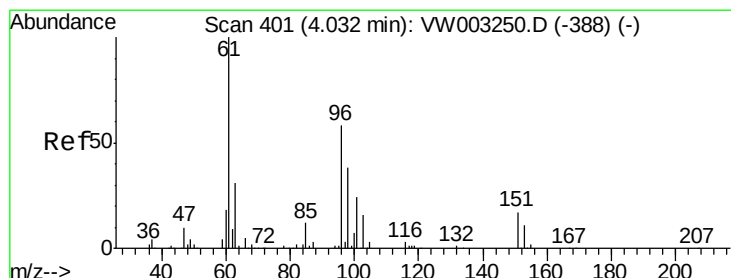
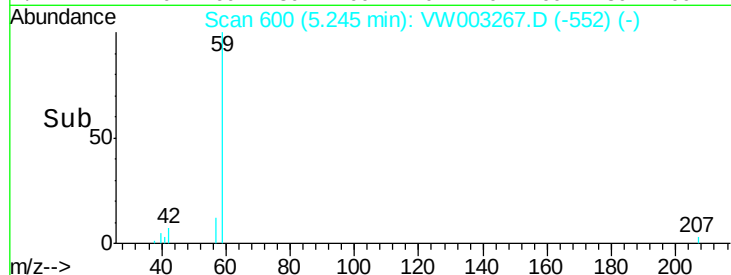
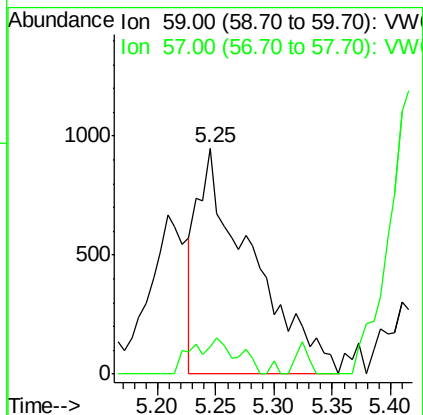
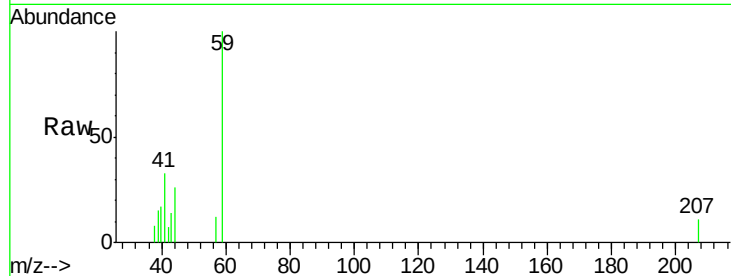


#11

Tert butyl alcohol
Concen: 22.833 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

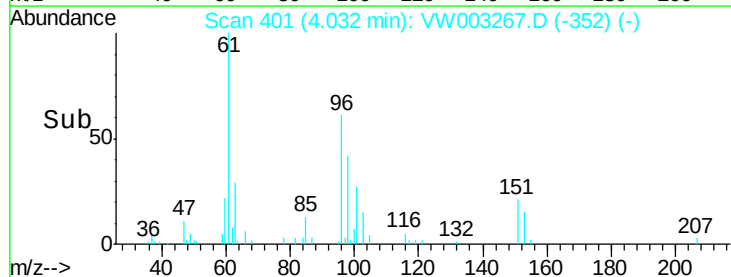
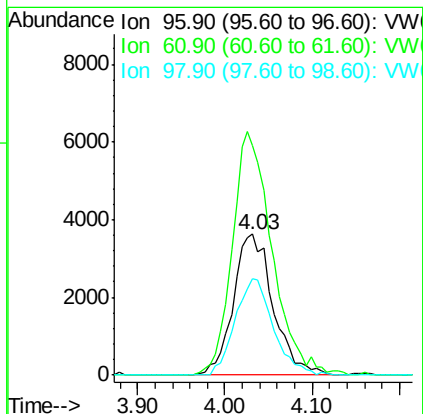
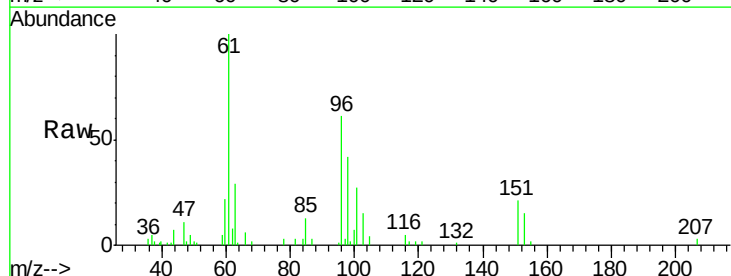
Tgt Ion: 59 Resp: 3066
Ion Ratio Lower Upper
59 100
57 8.4 4.2 6.2#

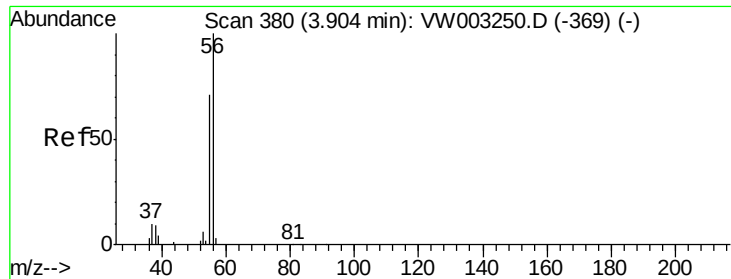


#12

1,1-Dichloroethene
Concen: 5.488 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 96 Resp: 11483
Ion Ratio Lower Upper
96 100
61 162.7 139.0 208.4
98 68.1 53.3 79.9





#13

Acrolein

Concen: 28.628 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

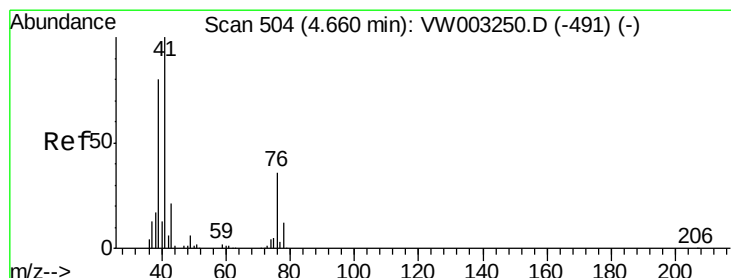
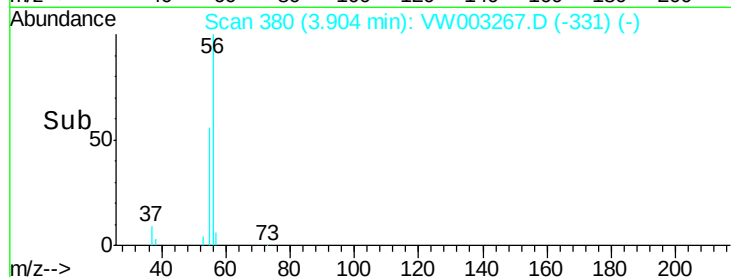
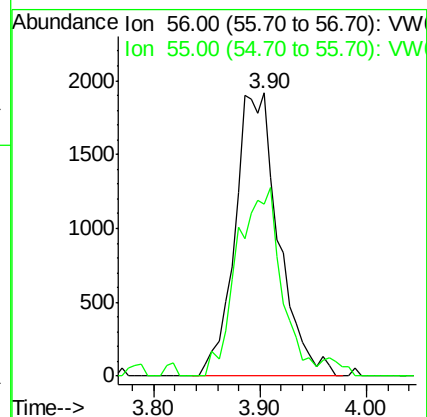
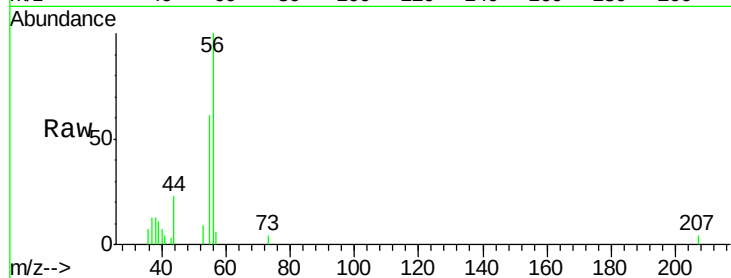
LOQ-SCM-Precision-Bias-2

Tgt Ion: 56 Resp: 5496

Ion Ratio Lower Upper

56 100

55 67.6 55.4 83.2



#14

Allyl chloride

Concen: 5.182 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

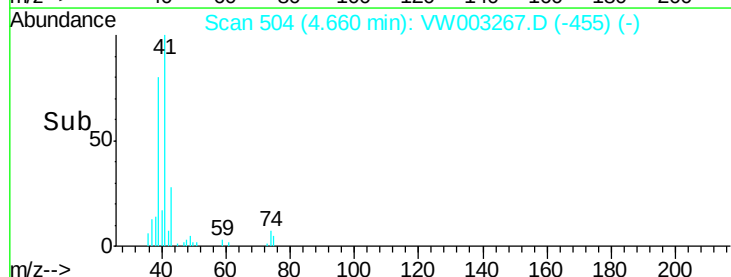
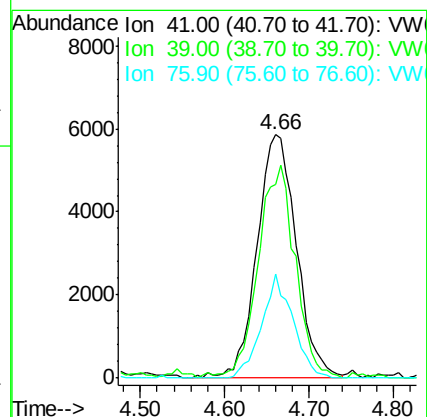
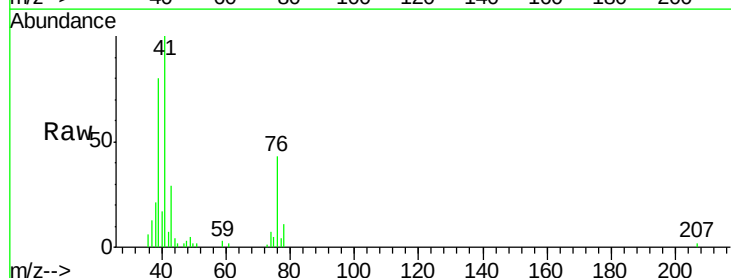
Tgt Ion: 41 Resp: 18784

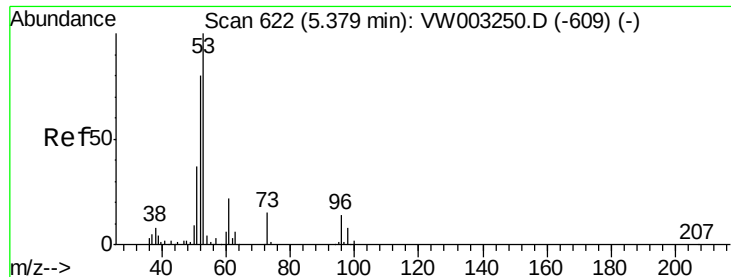
Ion Ratio Lower Upper

41 100

39 81.8 63.2 94.8

76 34.0 28.0 42.0





#15

Acrylonitrile

Concen: 28.140 ug/l

RT: 5.37 min Scan# 621

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

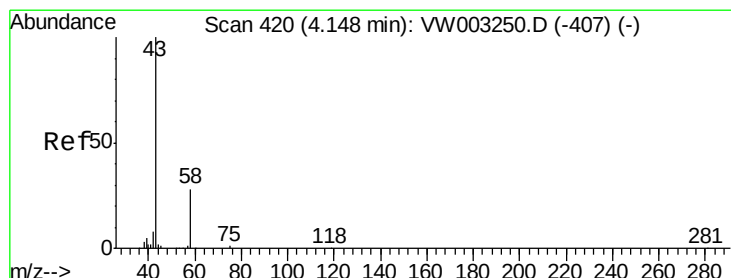
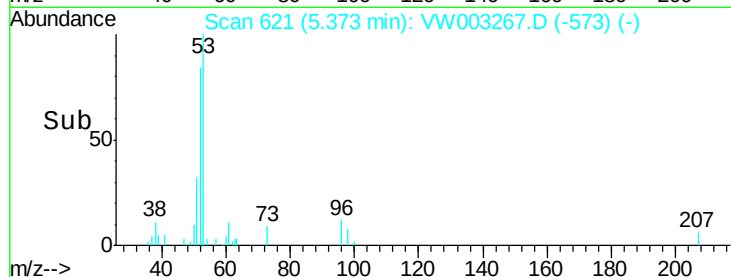
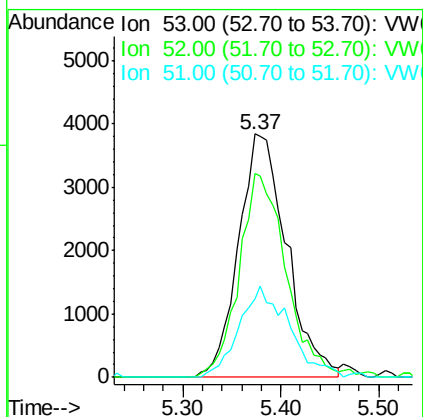
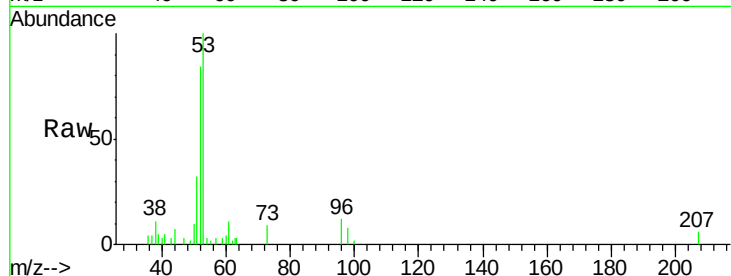
Tgt Ion: 53 Resp: 13115

Ion Ratio Lower Upper

53 100

52 81.2 66.6 100.0

51 38.7 30.6 46.0



#16

Acetone

Concen: 30.293 ug/l

RT: 4.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VW003267.D

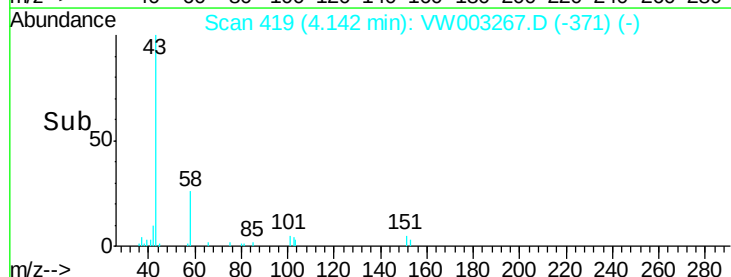
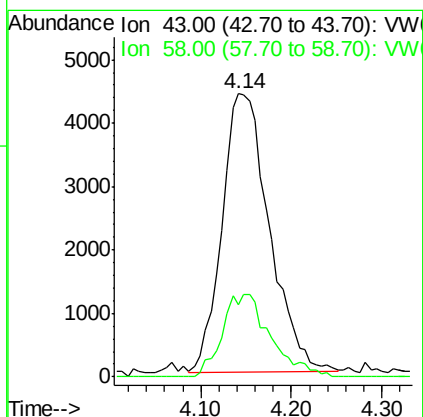
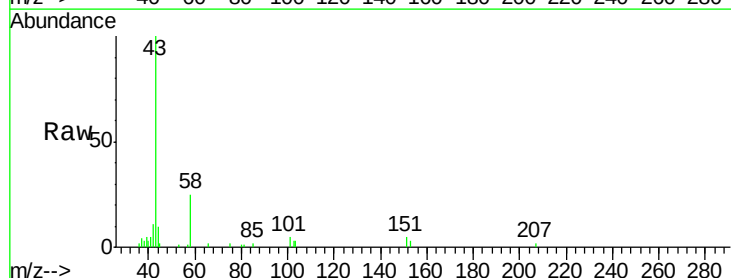
Acq: 14 Jun 2018 21:24

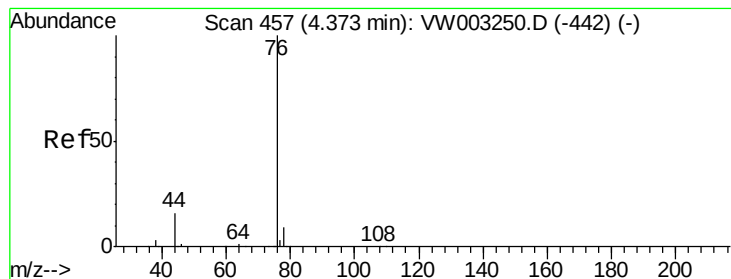
Tgt Ion: 43 Resp: 15907

Ion Ratio Lower Upper

43 100

58 26.0 22.6 34.0





#17

Carbon Disulfide

Concen: 5.782 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

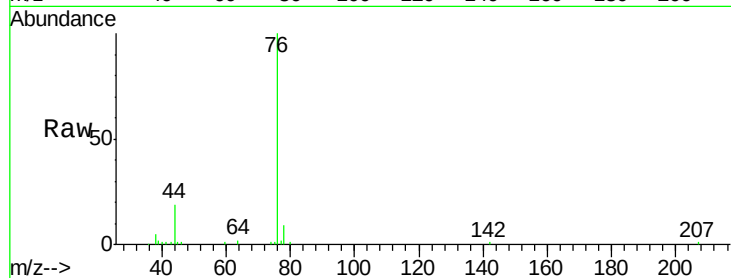
LOQ-SCM-Precision-Bias-2

Tgt Ion: 76 Resp: 35766

Ion Ratio Lower Upper

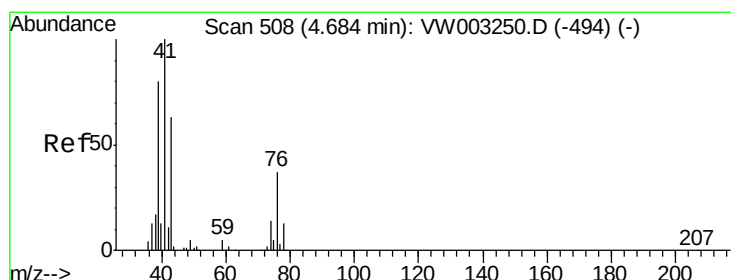
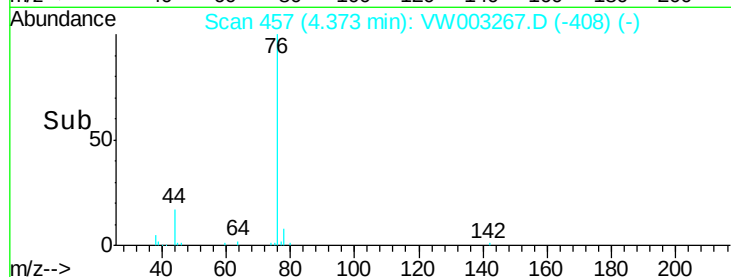
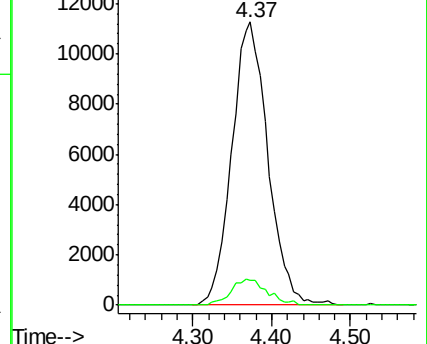
76 100

78 8.7 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: 7.743 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003267.D

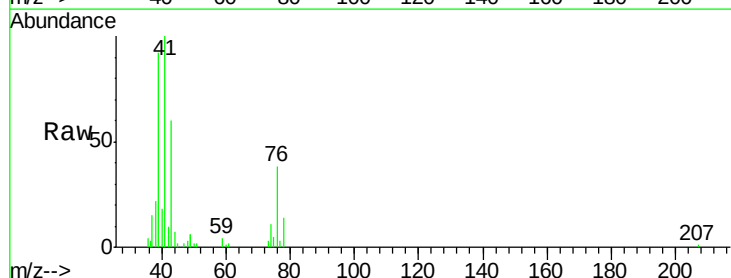
Acq: 14 Jun 2018 21:24

Tgt Ion: 43 Resp: 9646

Ion Ratio Lower Upper

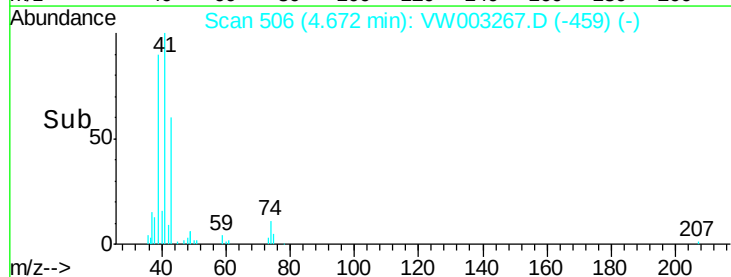
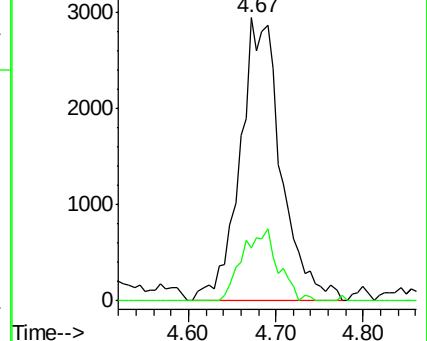
43 100

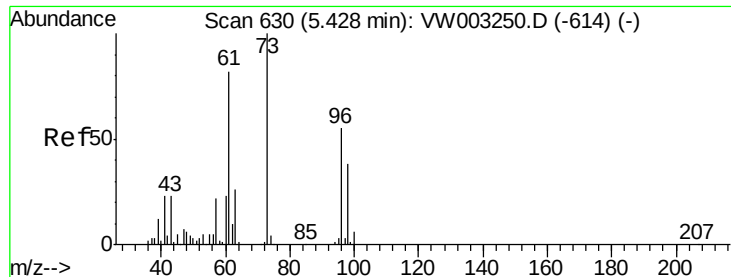
74 22.1 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

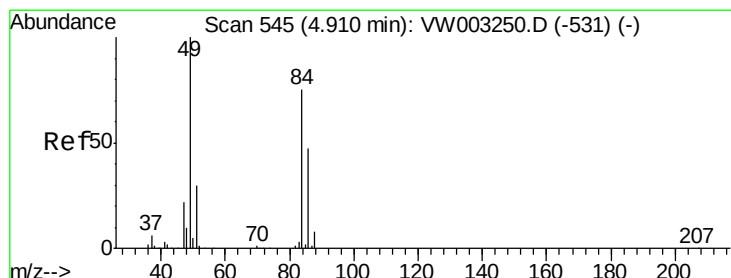
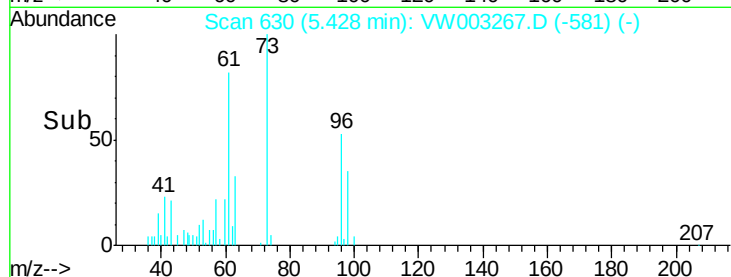
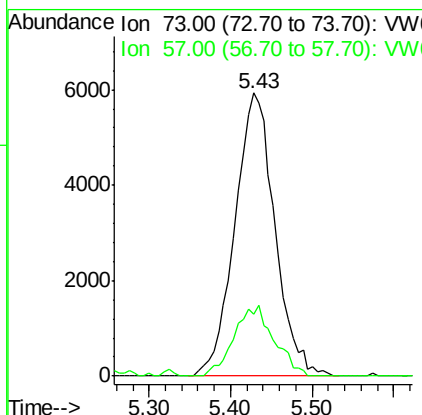
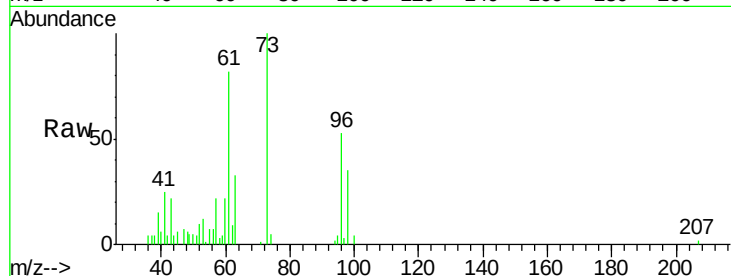




#19
Methyl tert-butyl Ether
Concen: 5.148 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

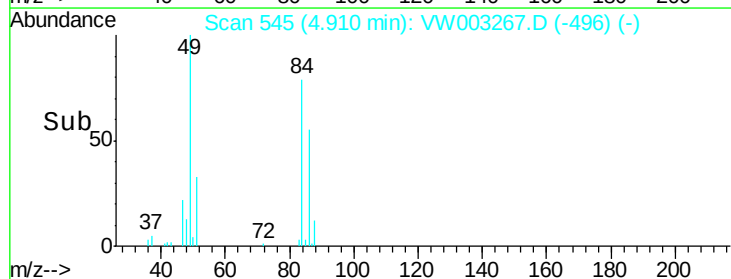
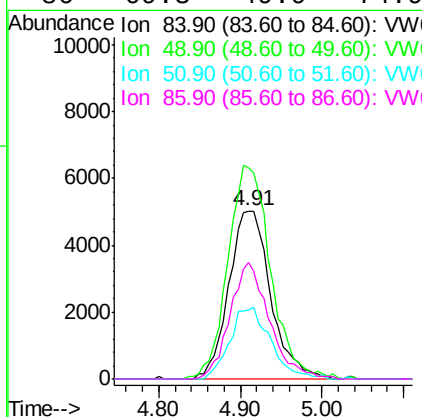
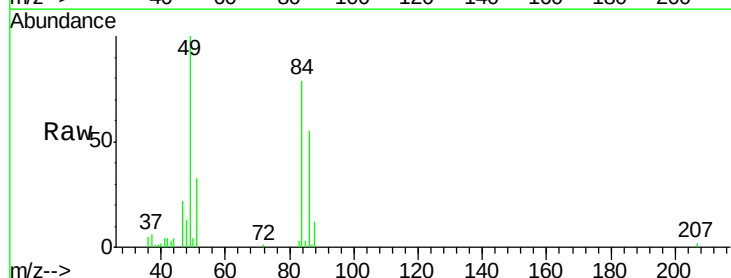
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

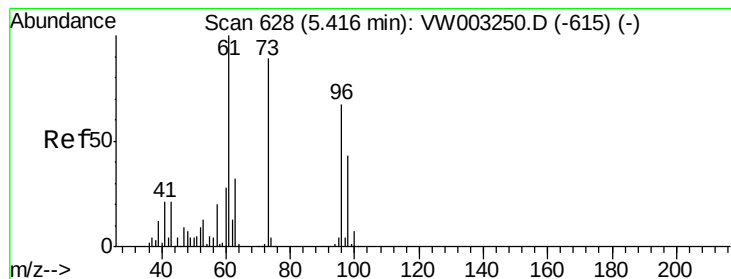
Tgt Ion: 73 Resp: 20175
Ion Ratio Lower Upper
73 100
57 22.0 18.0 27.0



#20
Methylene Chloride
Concen: 4.684 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 84 Resp: 17870
Ion Ratio Lower Upper
84 100
49 124.7 106.3 159.5
51 41.1 32.0 48.0
86 69.3 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.415 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

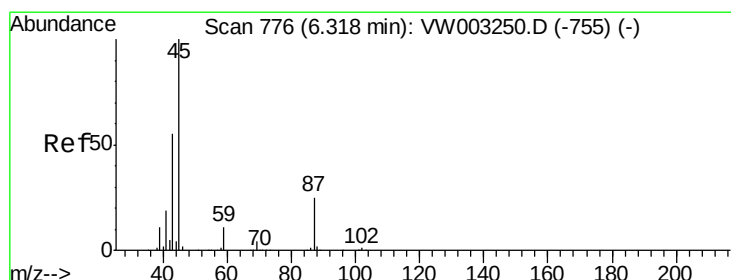
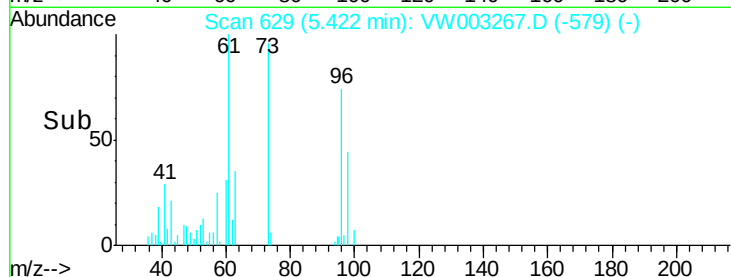
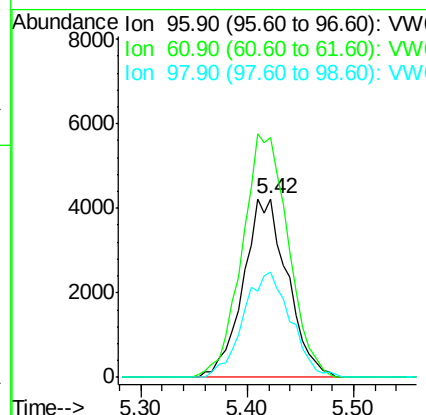
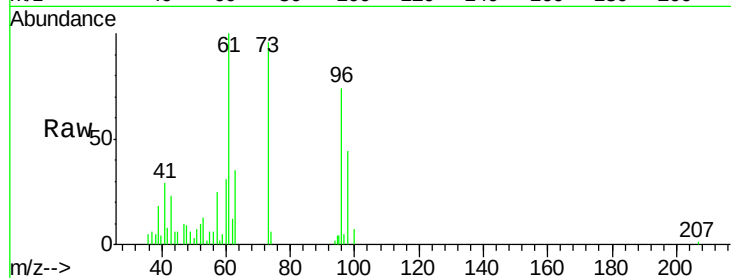
Tgt Ion: 96 Resp: 12332

Ion Ratio Lower Upper

96 100

61 134.4 118.7 178.1

98 59.4 51.0 76.6



#22

Diisopropyl ether

Concen: 4.847 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Tgt Ion: 45 Resp: 35354

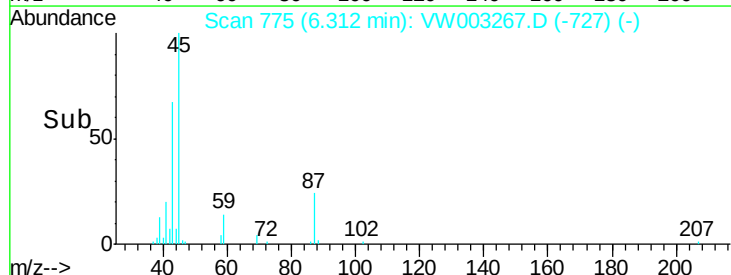
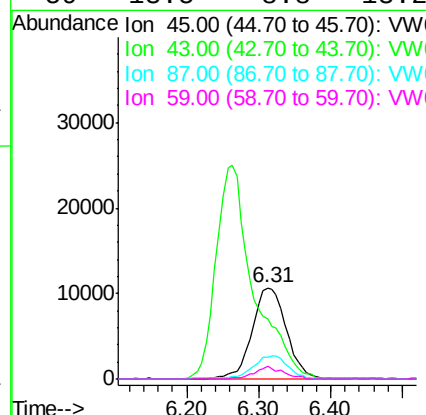
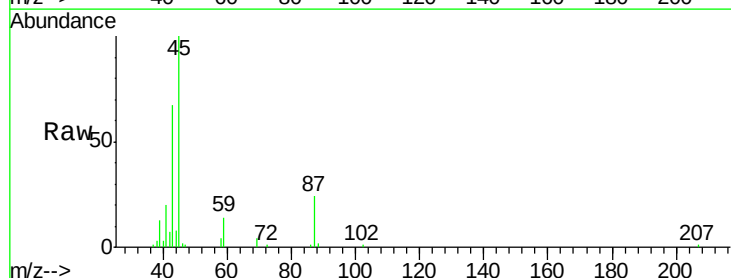
Ion Ratio Lower Upper

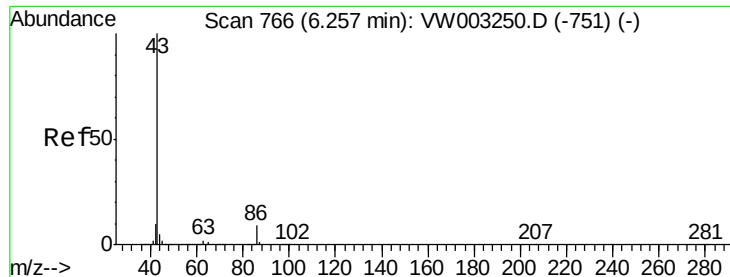
45 100

43 66.0 44.0 66.0

87 23.9 20.6 31.0

59 13.5 8.8 13.2#

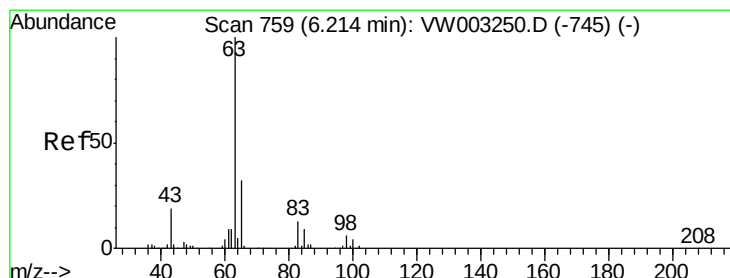
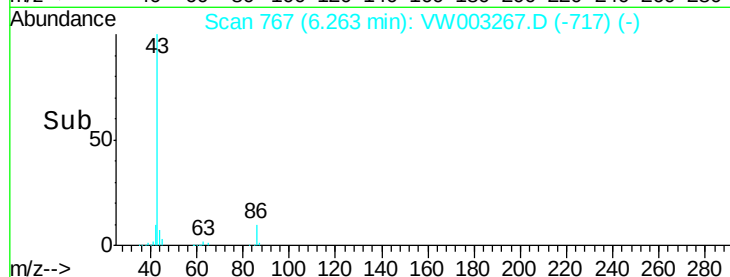
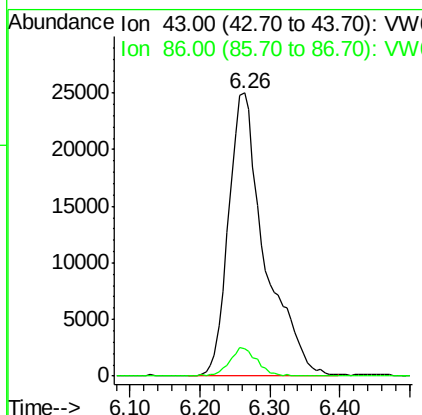
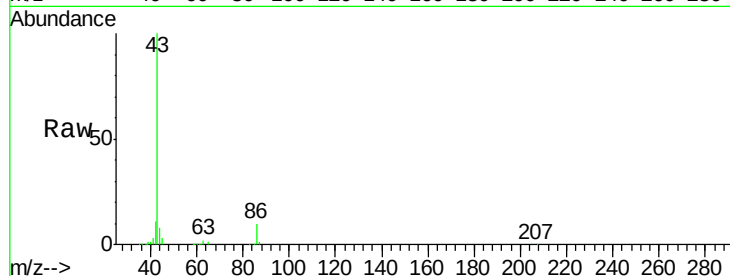




#23
 Vinyl Acetate
 Concen: 21.502 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

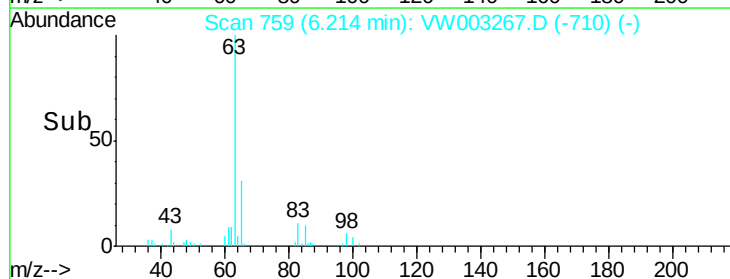
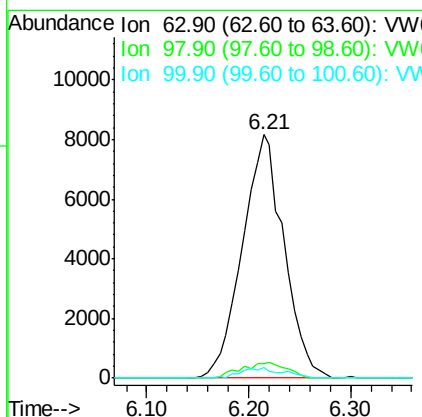
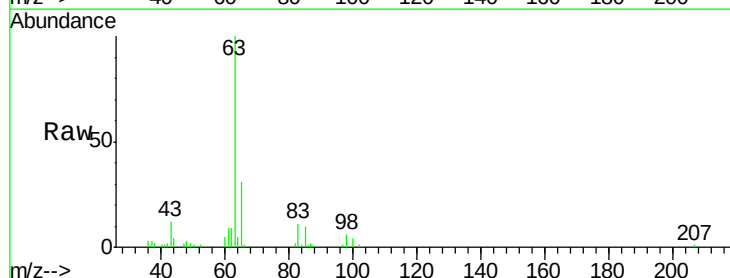
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

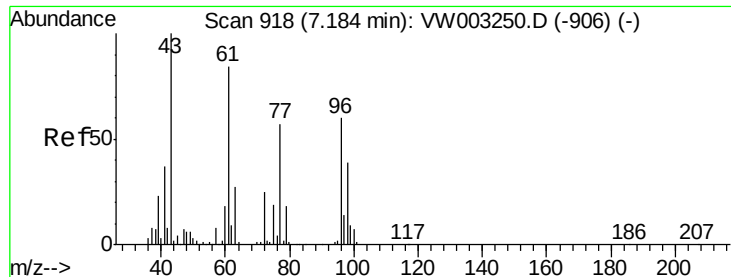
Tgt Ion: 43 Resp: 90389
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 5.326 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 63 Resp: 23064
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.8 8.3
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 28.117 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

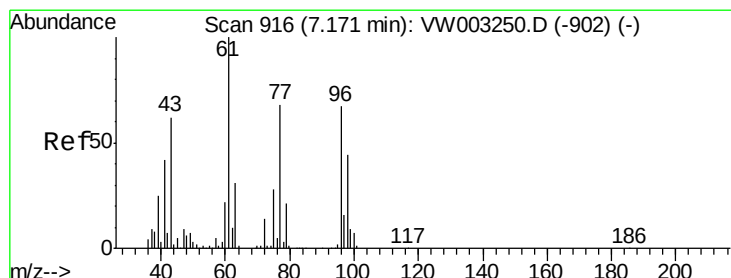
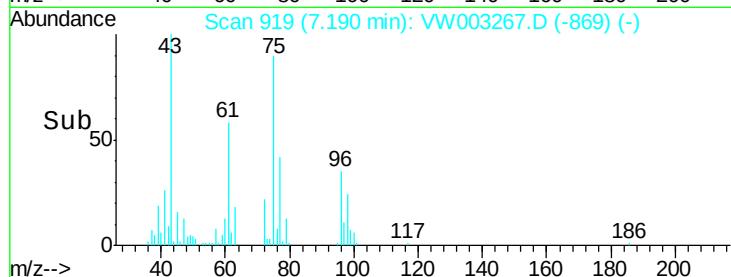
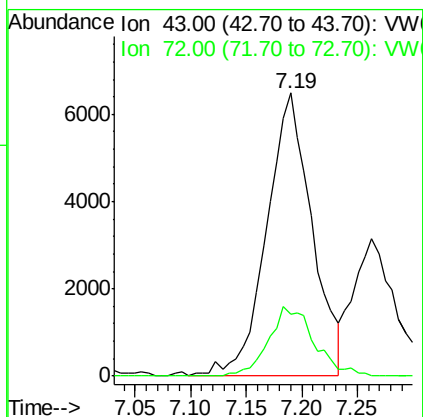
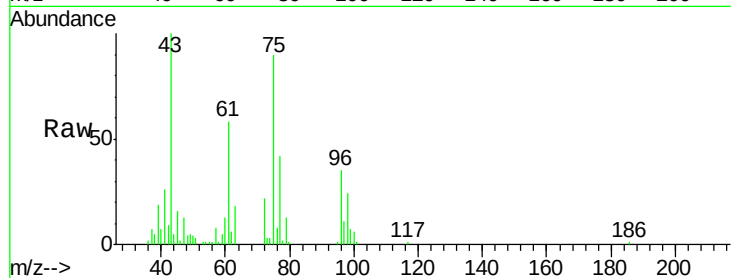
LOQ-SCM-Precision-Bias-2

Tgt Ion: 43 Resp: 18359

Ion Ratio Lower Upper

43 100

72 21.9 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.424 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003267.D

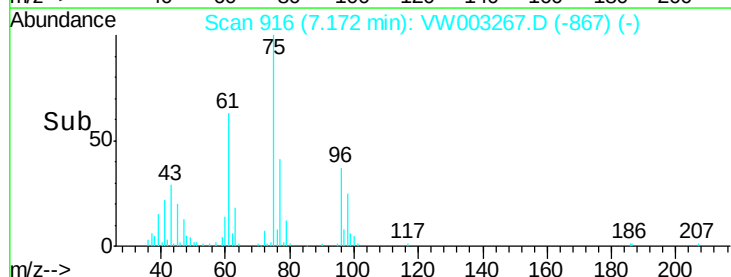
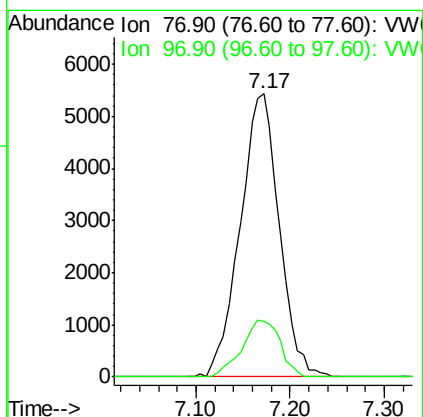
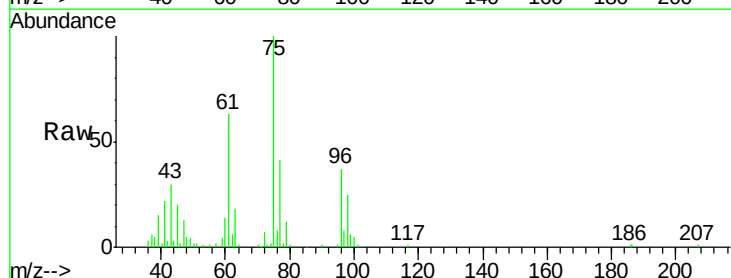
Acq: 14 Jun 2018 21:24

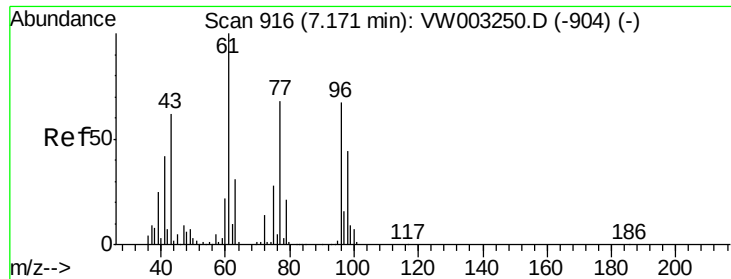
Tgt Ion: 77 Resp: 15676

Ion Ratio Lower Upper

77 100

97 19.6 11.3 33.9



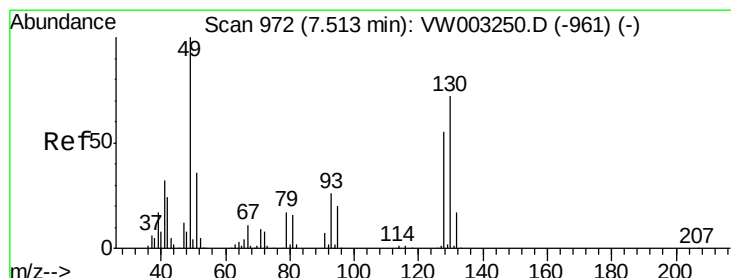
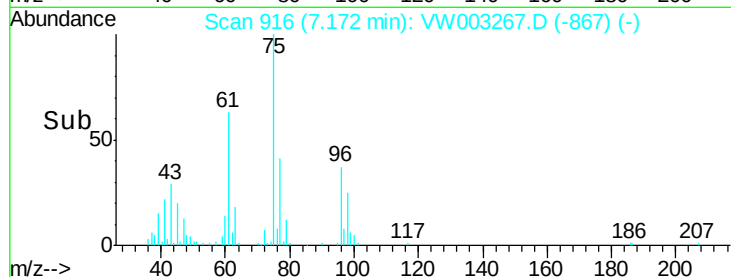
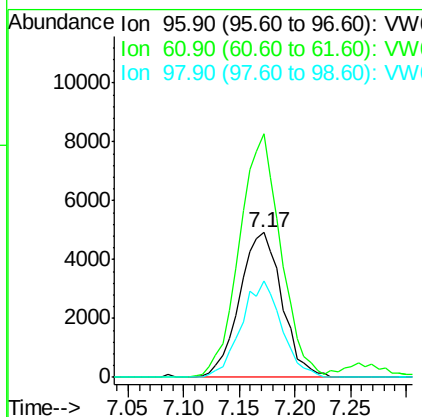
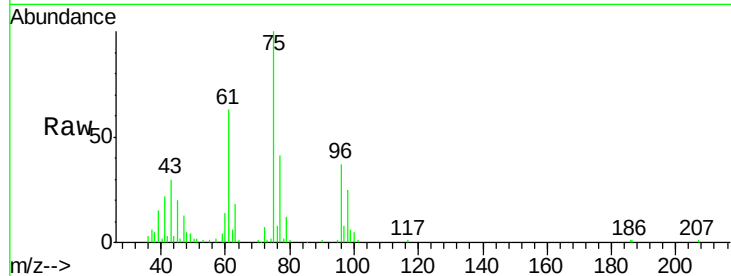


#27

cis-1,2-Dichloroethene
 Concen: 5.228 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

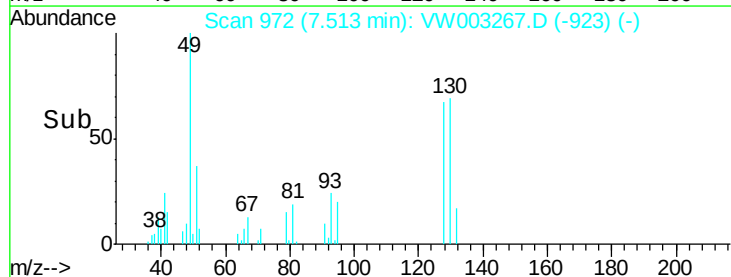
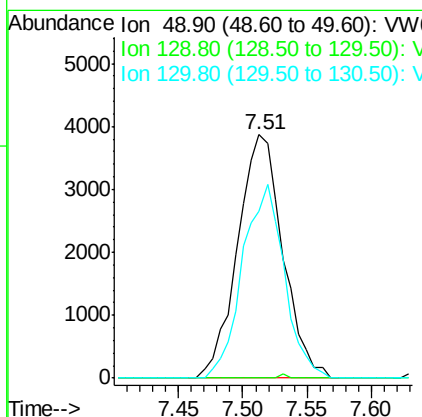
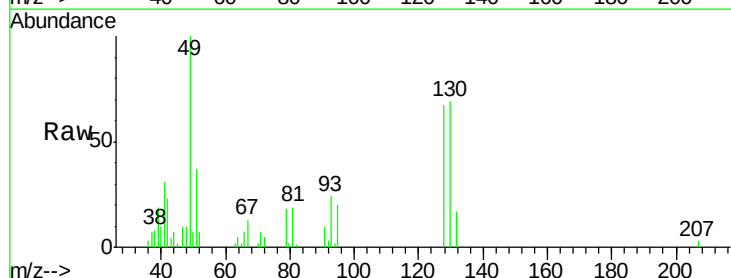
Tgt Ion: 96 Resp: 13079
 Ion Ratio Lower Upper
 96 100
 61 163.2 0.0 298.8
 98 63.0 0.0 130.4

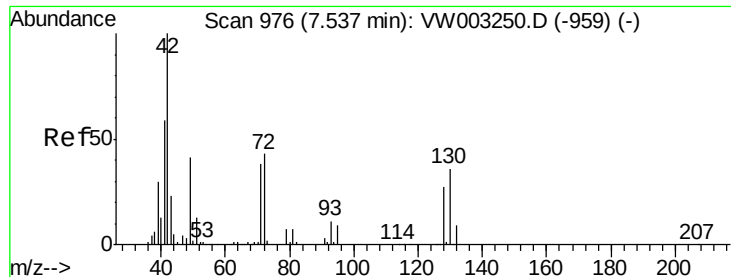


#28

Bromochloromethane
 Concen: 5.215 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 49 Resp: 9397
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 4.6
 130 73.5 59.4 89.2

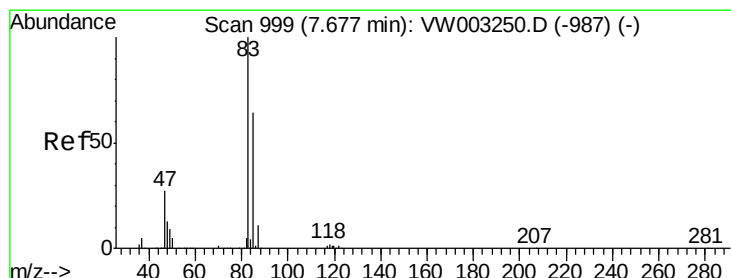
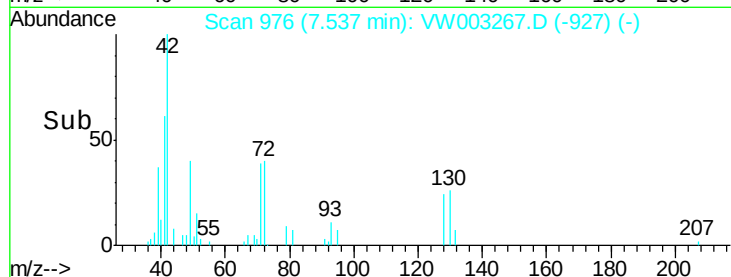
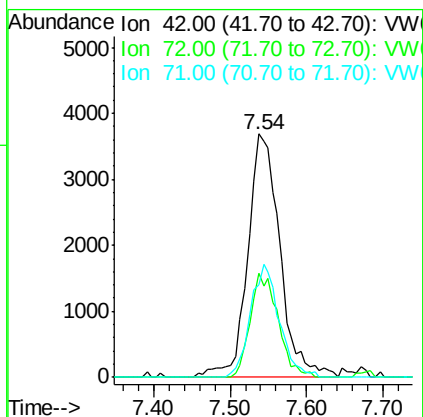
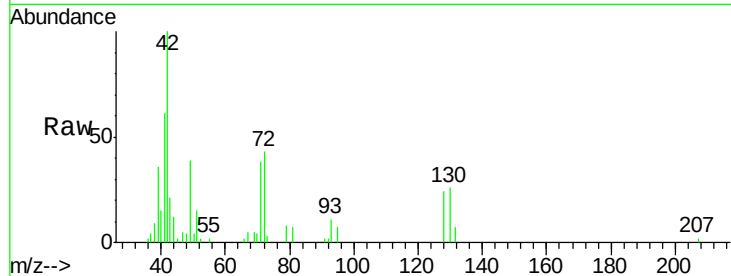




#29
Tetrahydrofuran
Concen: 27.174 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

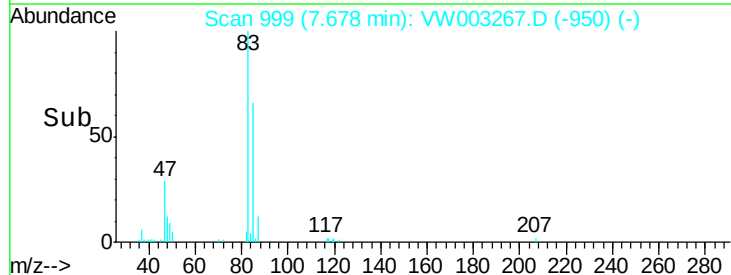
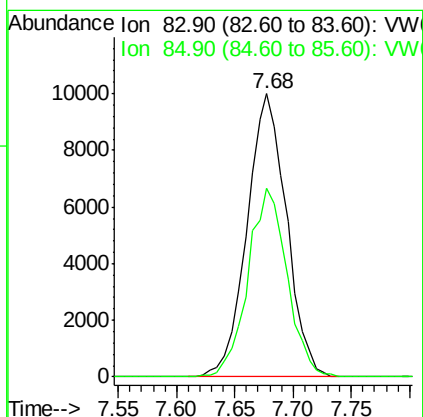
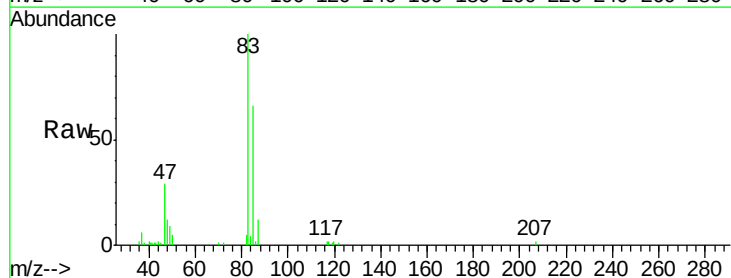
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

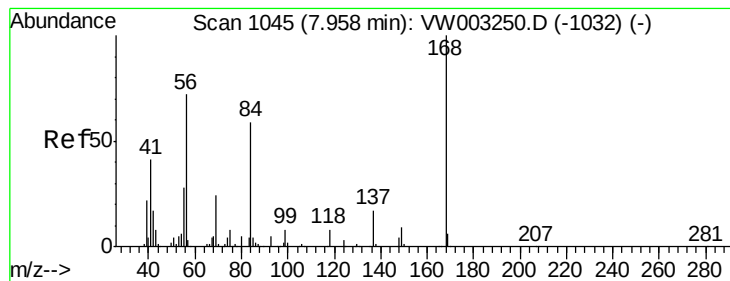
Tgt Ion: 42 Resp: 10844
Ion Ratio Lower Upper
42 100
72 36.9 32.4 48.6
71 41.6 31.2 46.8



#30
Chloroform
Concen: 5.351 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 83 Resp: 23606
Ion Ratio Lower Upper
83 100
85 66.5 51.3 76.9





#31

Cyclohexane

Concen: 5.976 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

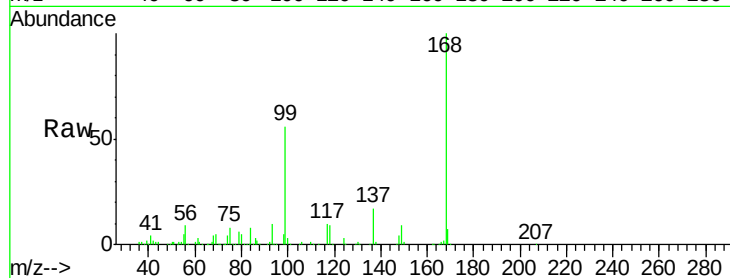
Tgt Ion: 56 Resp: 24176

Ion Ratio Lower Upper

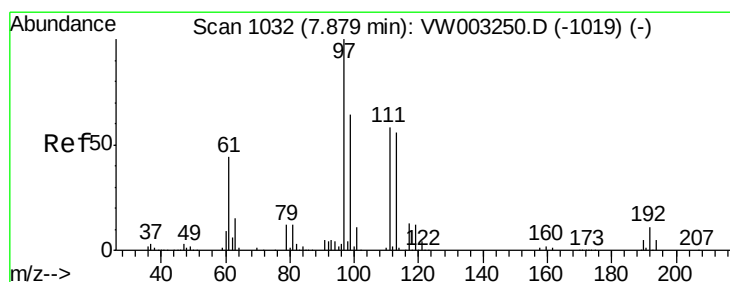
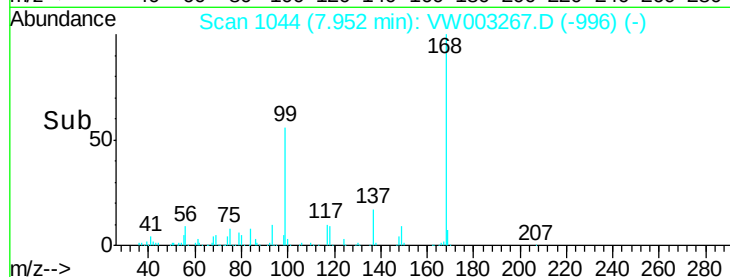
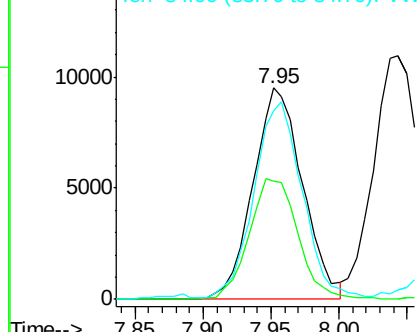
56 100

69 56.1 26.3 39.5#

84 88.0 65.7 98.5



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 5.153 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

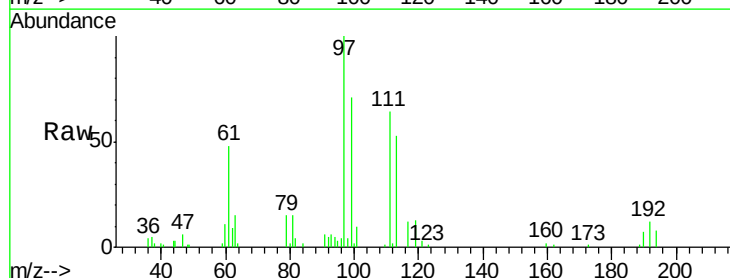
Tgt Ion: 97 Resp: 18767

Ion Ratio Lower Upper

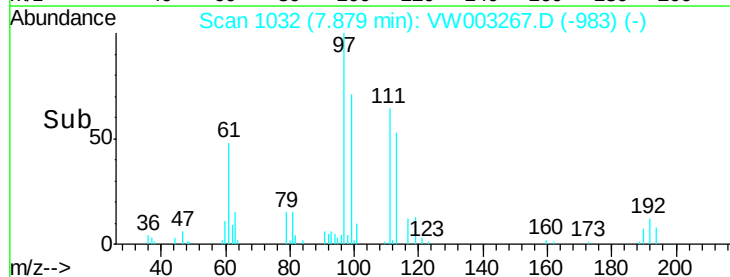
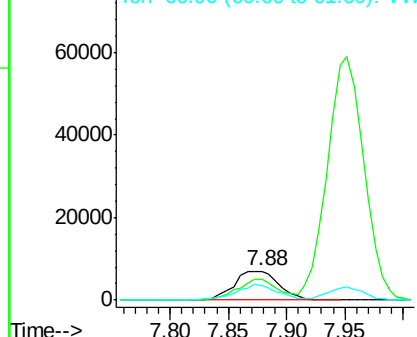
97 100

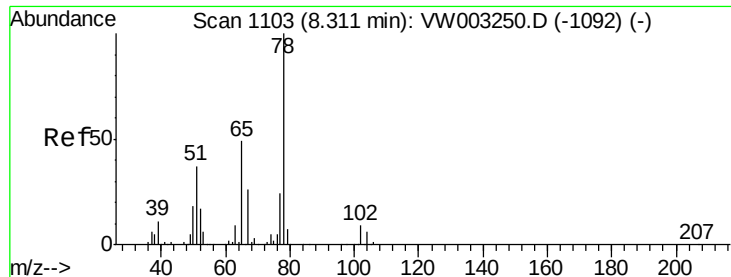
99 67.6 51.7 77.5

61 48.5 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

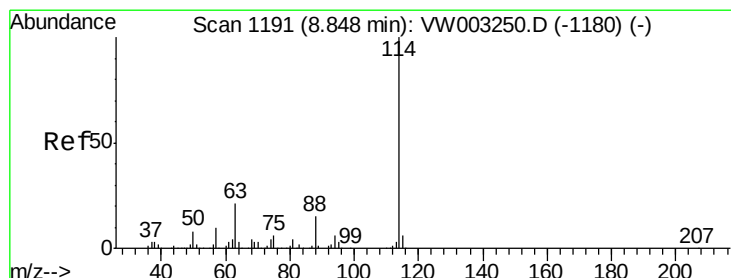
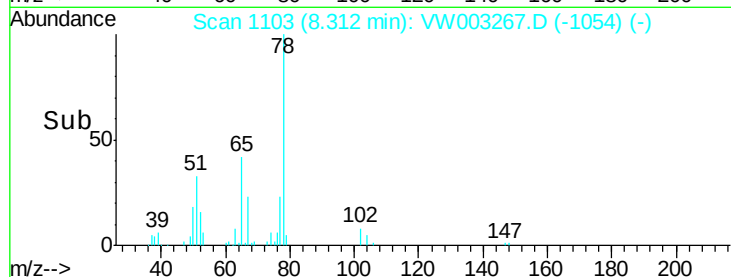
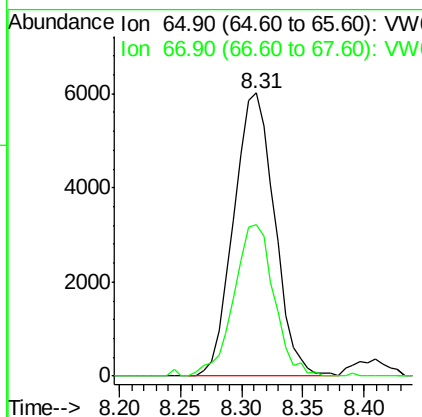
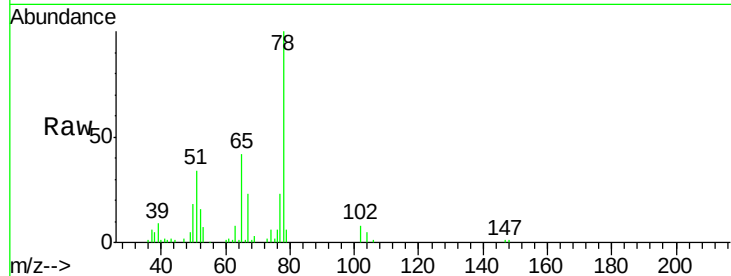




#33
 1,2-Dichloroethane-d4
 Concen: 5.581 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

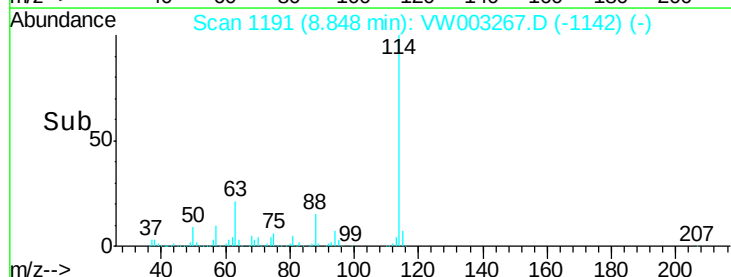
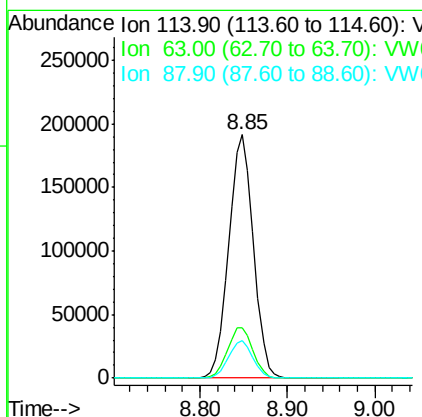
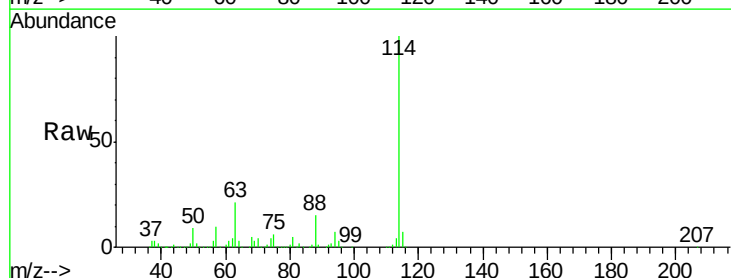
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

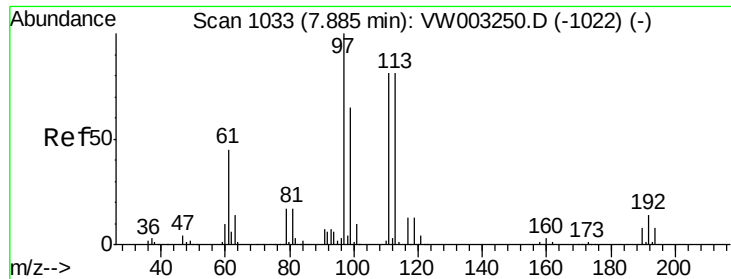
Tgt Ion: 65 Resp: 13974
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 114 Resp: 373064
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.2 0.0 29.6

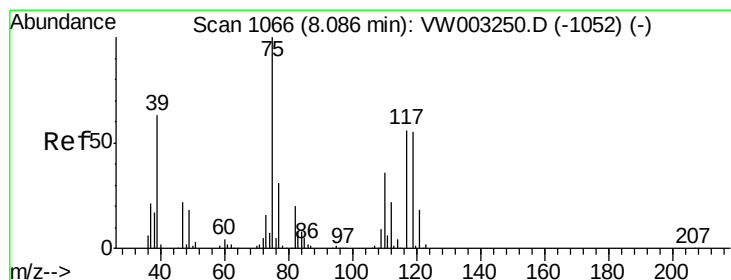
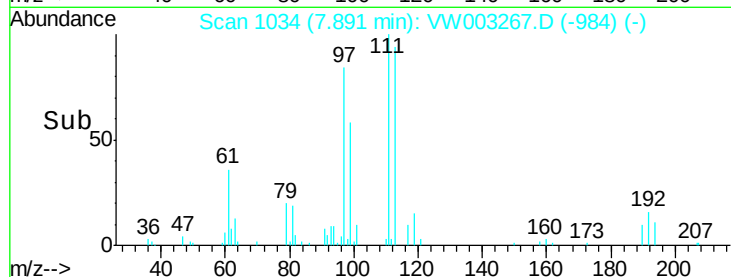
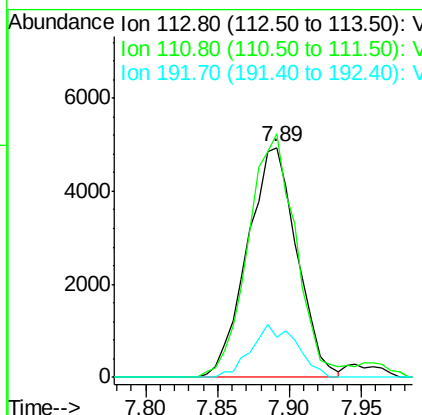
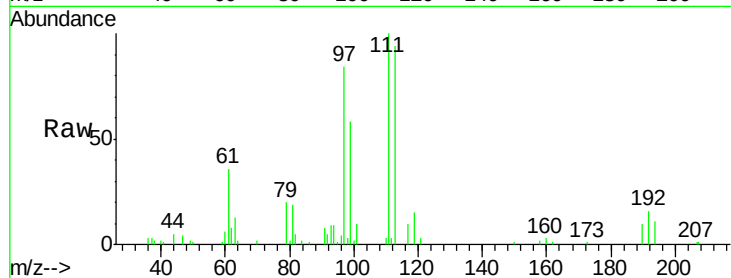




#35
 Dibromofluoromethane
 Concen: 5.090 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

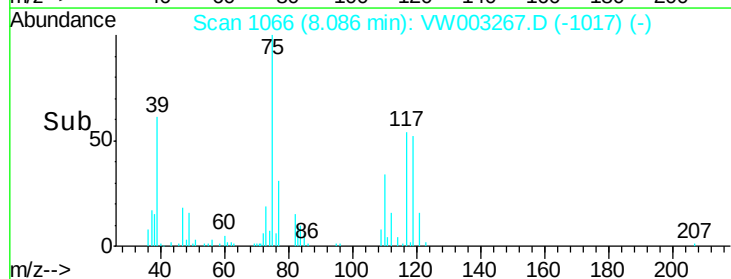
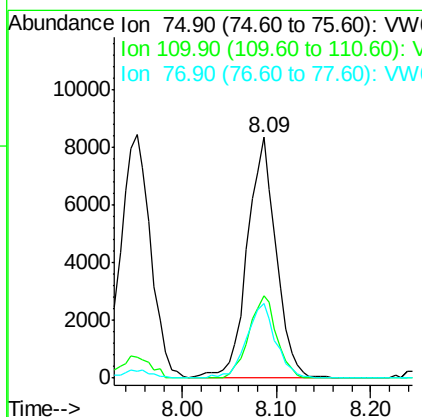
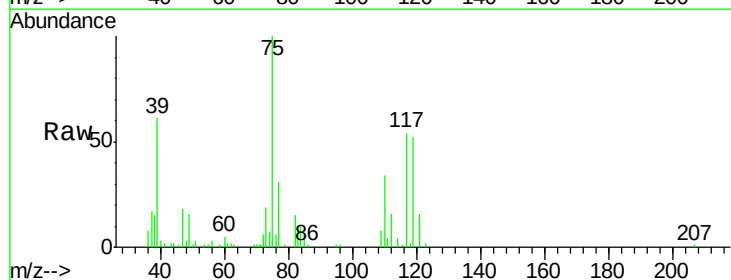
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

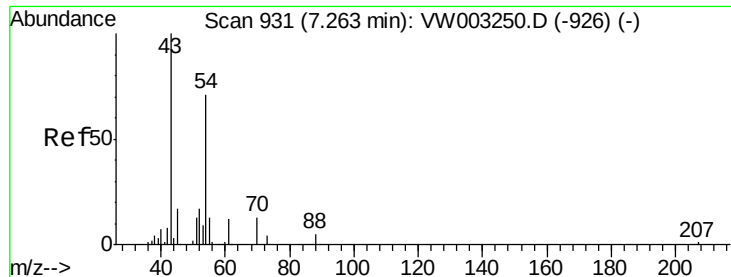
Tgt Ion: 113 Resp: 11800
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 21.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.989 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 75 Resp: 17976
 Ion Ratio Lower Upper
 75 100
 110 32.9 17.1 51.3
 77 31.3 24.9 37.3

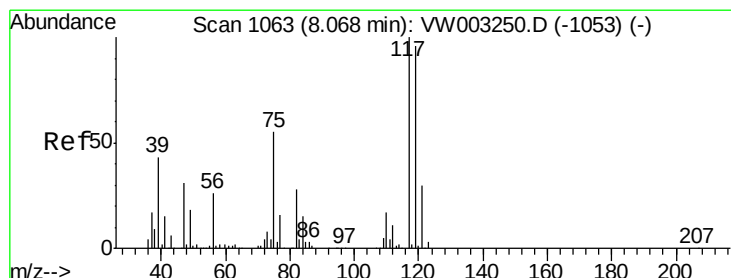
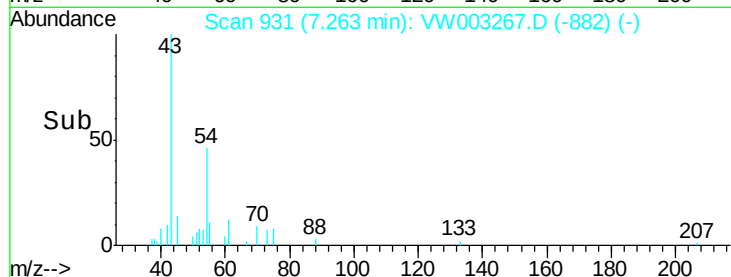
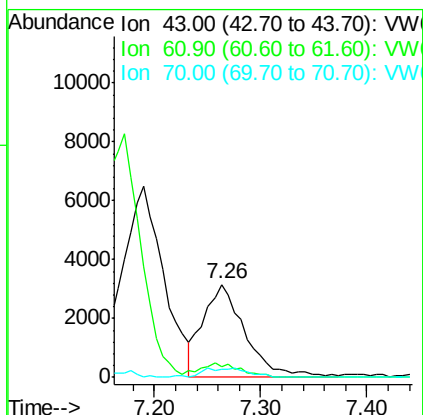
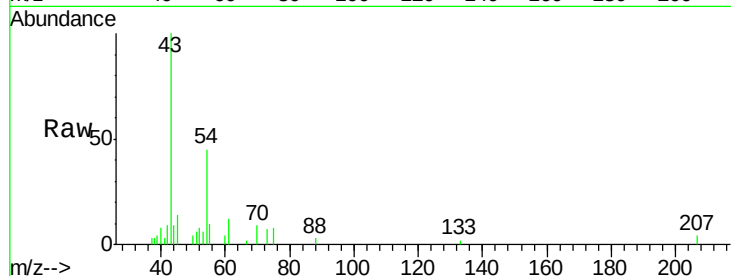




#37
Ethyl Acetate
 Concen: 5.819 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

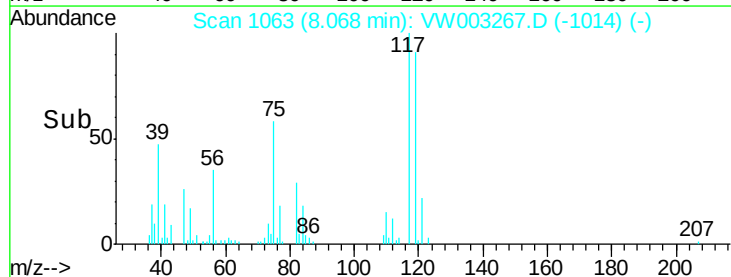
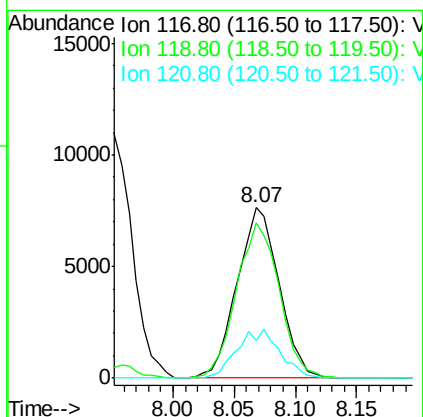
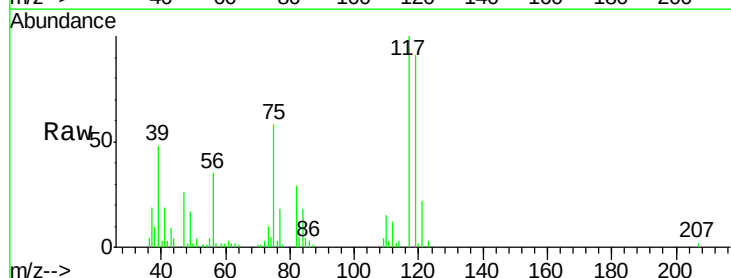
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

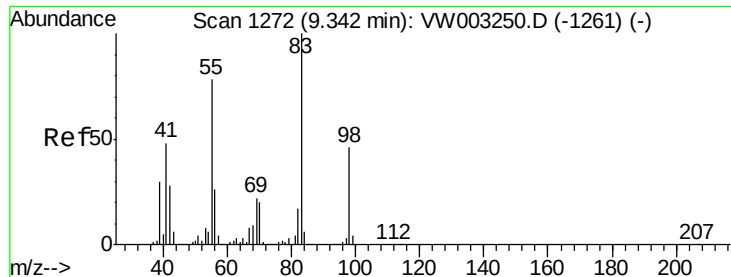
Tgt Ion: 43 Resp: 8685
 Ion Ratio Lower Upper
 43 100
 61 14.9 10.8 16.2
 70 10.4 7.8 11.6



#38
Carbon Tetrachloride
 Concen: 5.151 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 117 Resp: 18203
 Ion Ratio Lower Upper
 117 100
 119 91.4 76.6 115.0
 121 22.1 23.9 35.9#

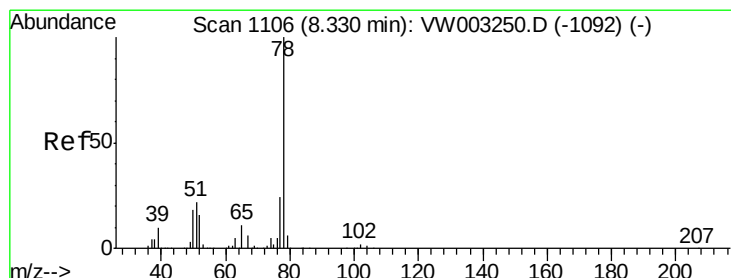
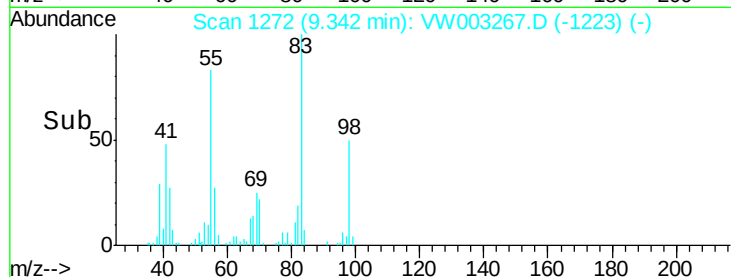
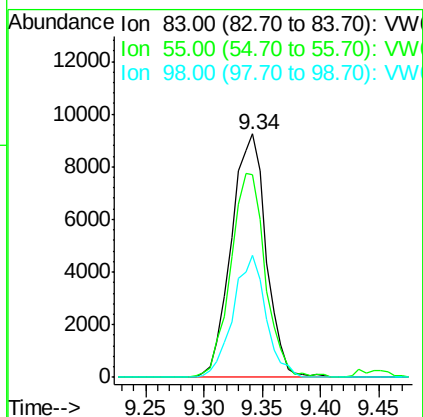
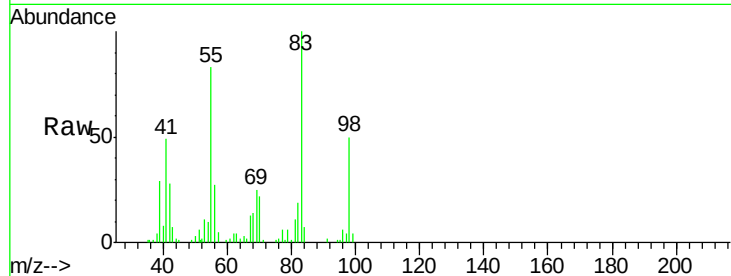




#39
Methylcyclohexane
Concen: 4.621 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

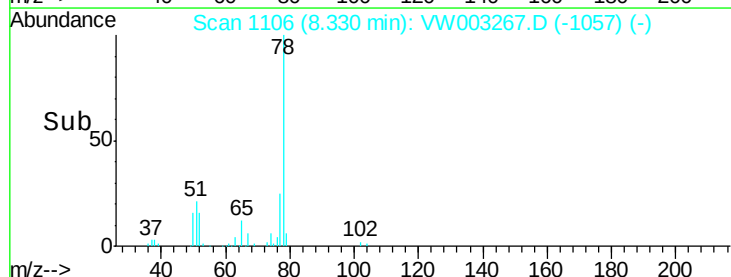
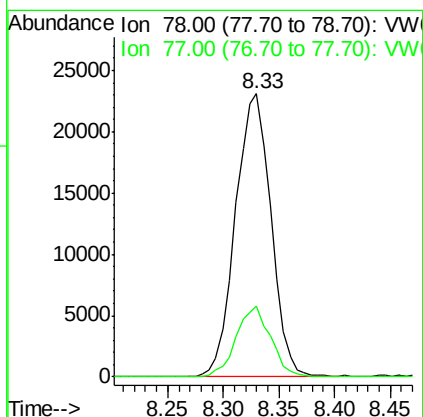
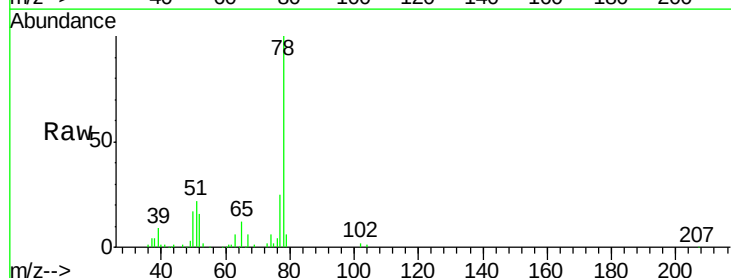
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

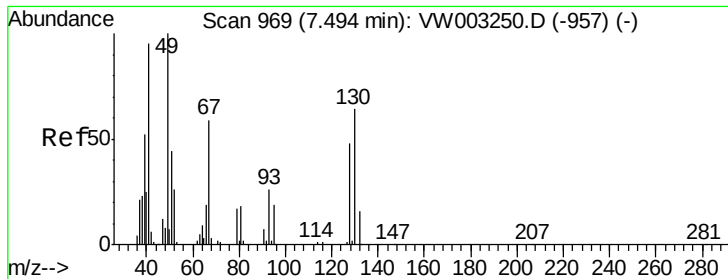
Tgt Ion: 83 Resp: 19263
Ion Ratio Lower Upper
83 100
55 83.2 62.6 93.8
98 50.3 37.0 55.4



#40
Benzene
Concen: 5.161 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 78 Resp: 51251
Ion Ratio Lower Upper
78 100
77 24.9 19.0 28.6

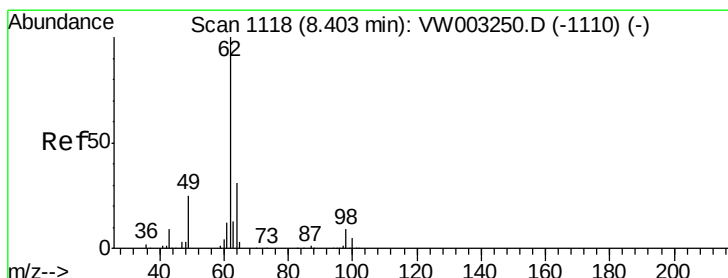
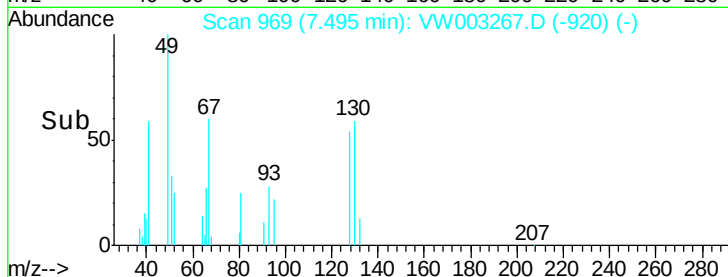
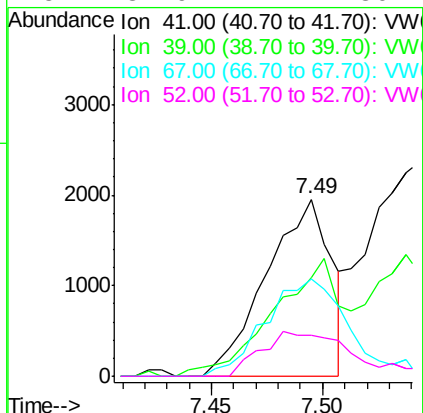
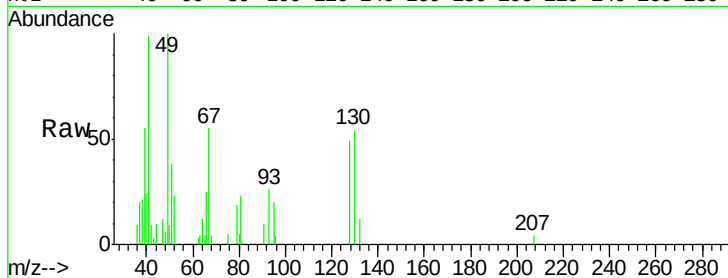




#41
Methacrylonitrile
Concen: 4.339 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

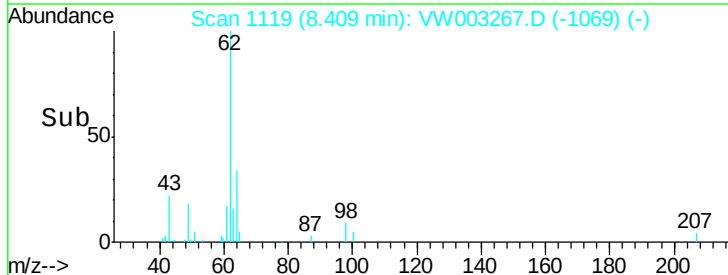
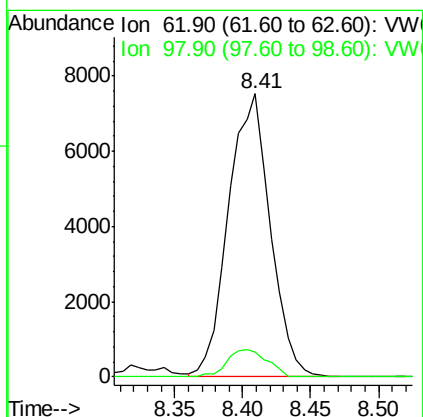
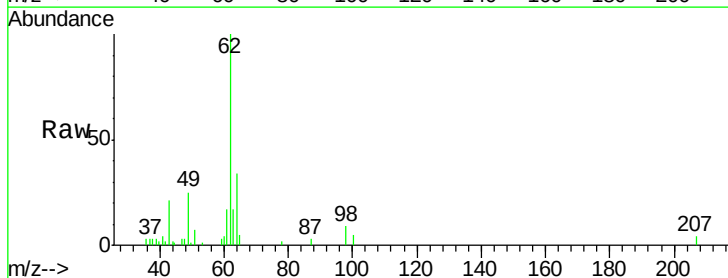
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

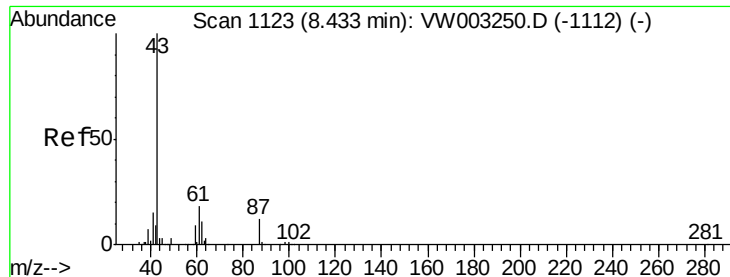
Tgt Ion:	41	Resp:	3974
Ion	Ratio	Lower	Upper
41	100		
39	70.2	45.8	68.8#
67	69.8	52.3	78.5
52	34.9	24.1	36.1



#42
1,2-Dichloroethane
Concen: 5.178 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion:	62	Resp:	16112
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 4.969 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

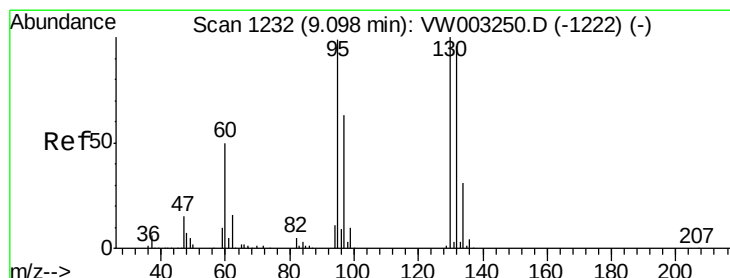
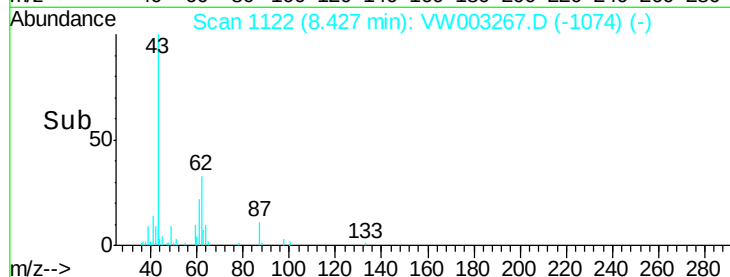
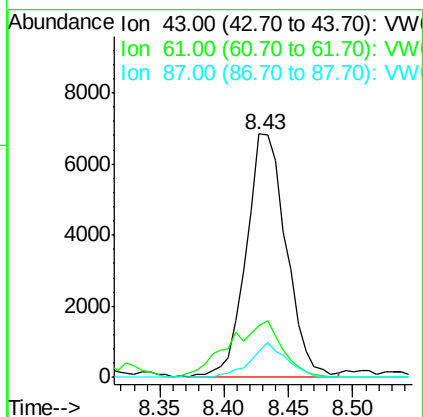
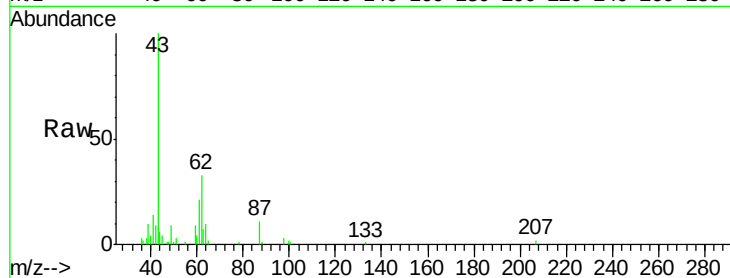
Tgt Ion: 43 Resp: 14728

Ion Ratio Lower Upper

43 100

61 31.2 23.1 34.7

87 12.9 9.8 14.6



#44

Trichloroethene

Concen: 5.045 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003267.D

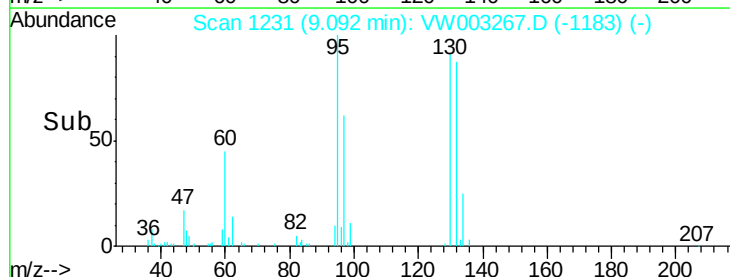
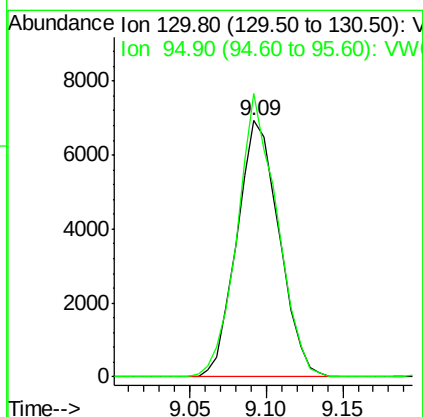
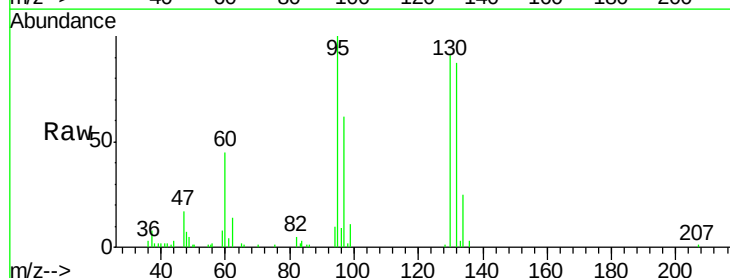
Acq: 14 Jun 2018 21:24

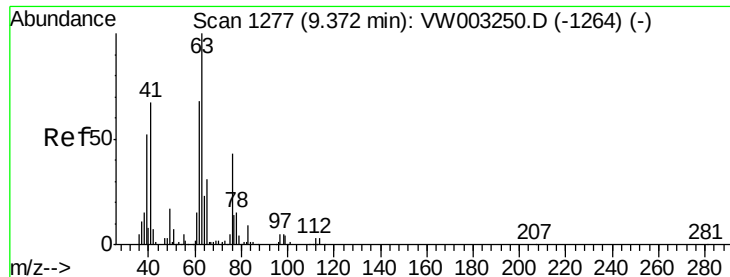
Tgt Ion: 130 Resp: 13277

Ion Ratio Lower Upper

130 100

95 110.5 0.0 198.0

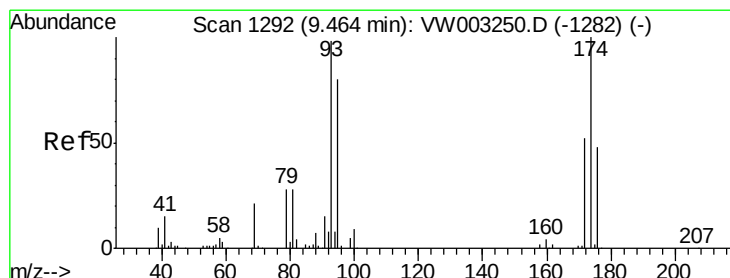
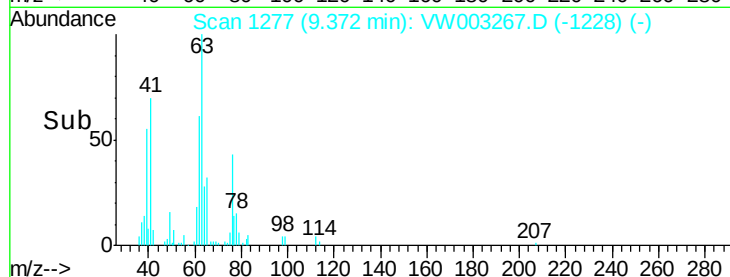
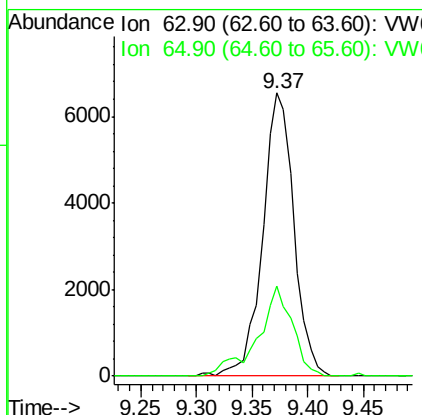
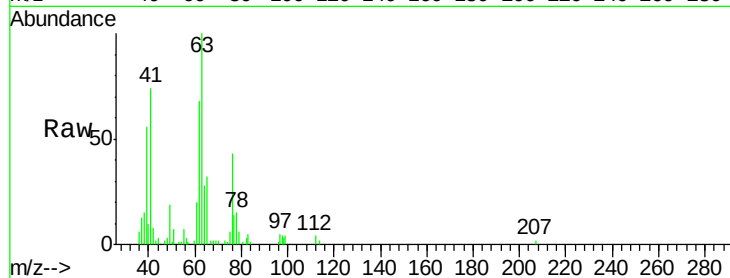




#45
 1,2-Dichloropropane
 Concen: 5.063 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

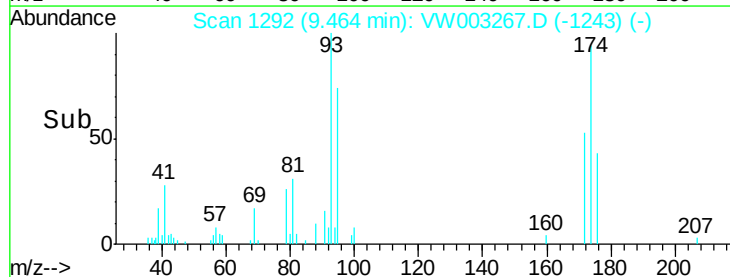
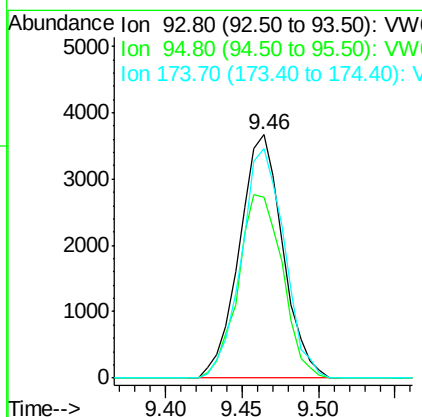
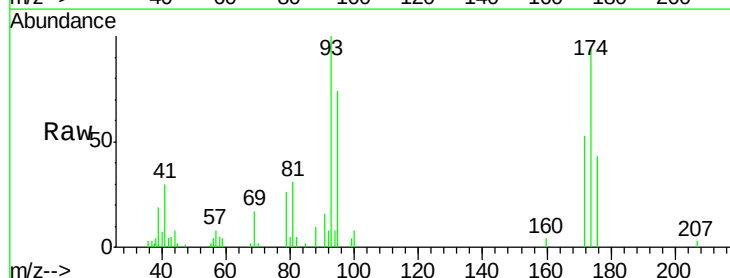
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

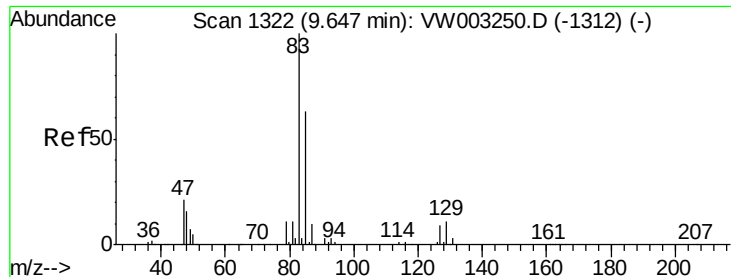
Tgt Ion: 63 Resp: 12801
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.1 37.7



#46
 Dibromomethane
 Concen: 5.594 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 93 Resp: 7242
 Ion Ratio Lower Upper
 93 100
 95 76.8 65.8 98.8
 174 93.3 81.4 122.0





#47

Bromodichloromethane

Concen: 4.913 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

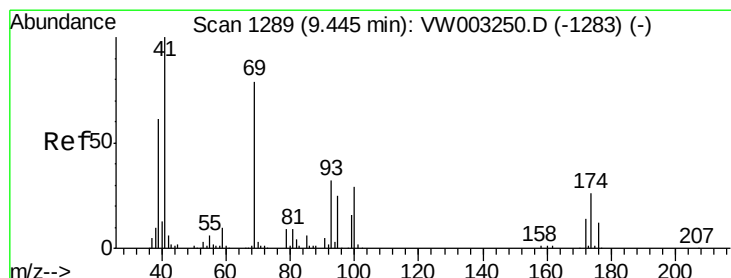
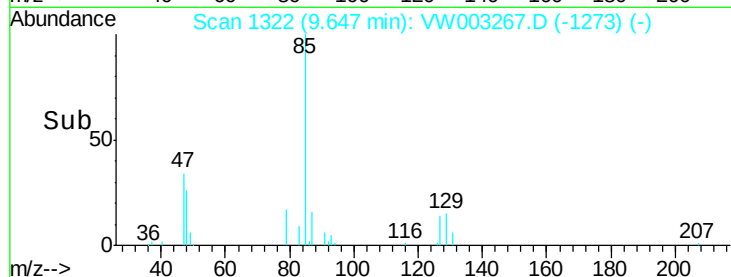
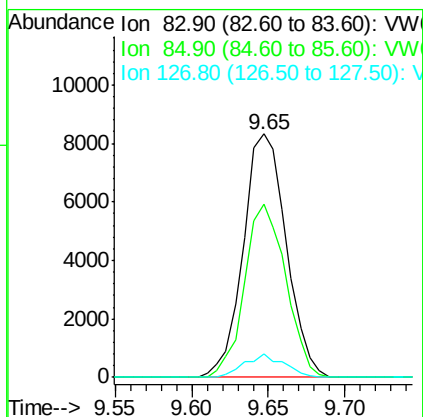
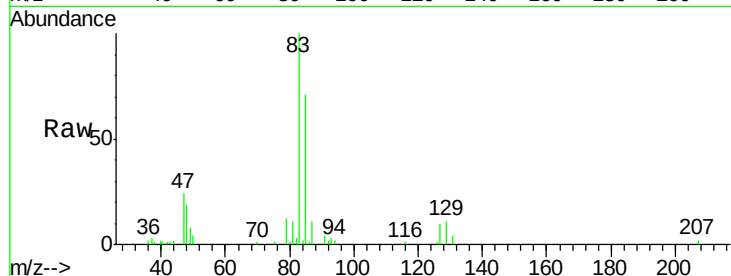
Tgt Ion: 83 Resp: 16303

Ion Ratio Lower Upper

83 100

85 71.3 50.6 75.8

127 9.8 6.8 10.2



#48

Methyl methacrylate

Concen: 4.837 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

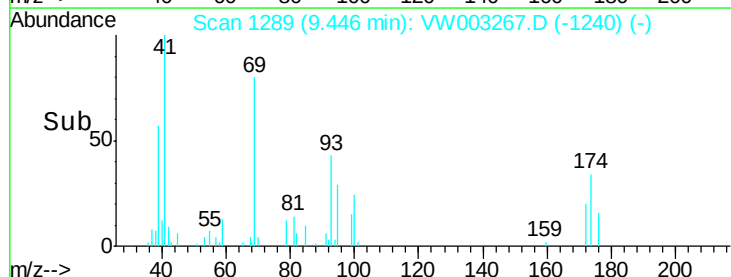
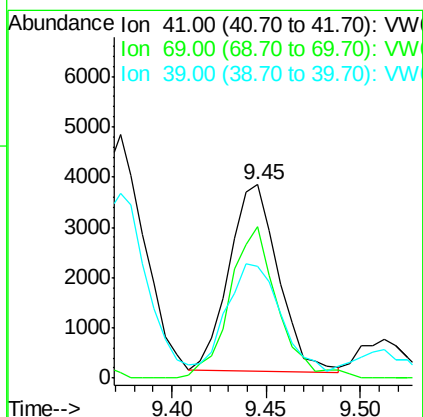
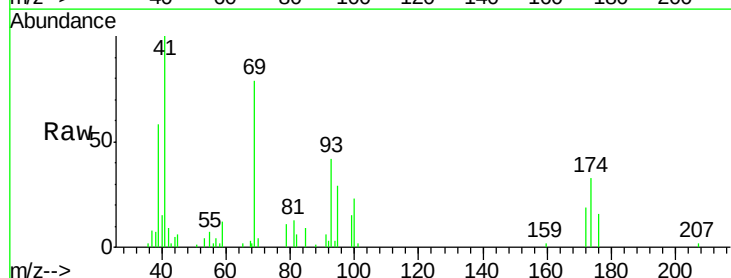
Tgt Ion: 41 Resp: 6737

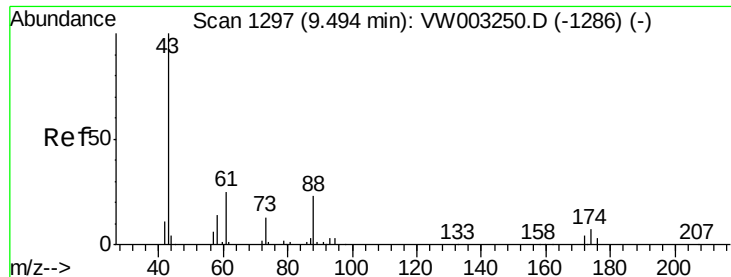
Ion Ratio Lower Upper

41 100

69 78.8 65.4 98.2

39 68.4 54.2 81.2

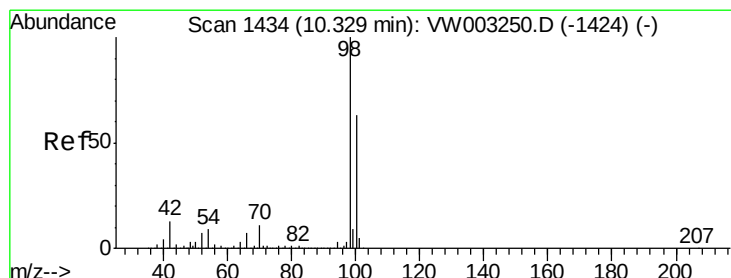
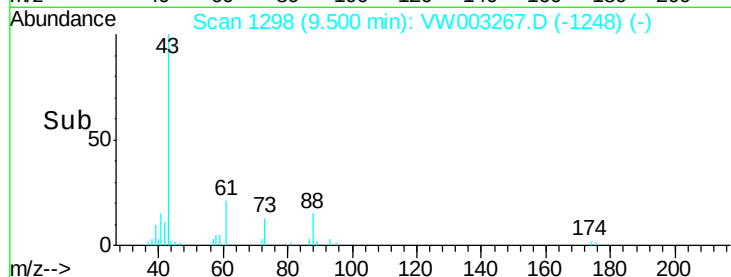
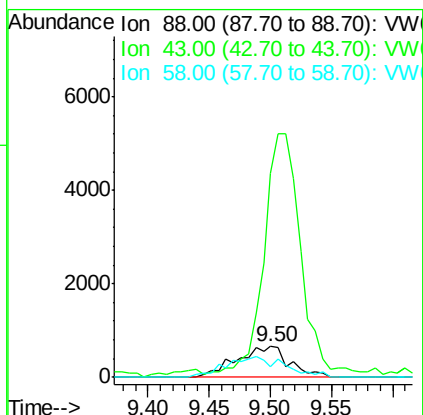
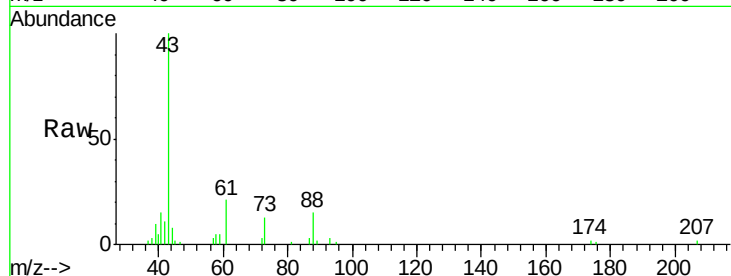




#49
1,4-Dioxane
Concen: 101.552 ug/l
RT: 9.50 min Scan# 1298
Delta R.T. 0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

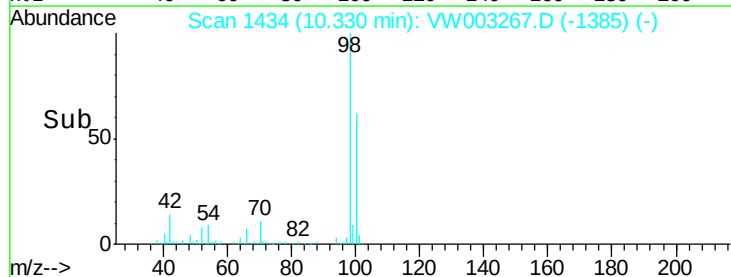
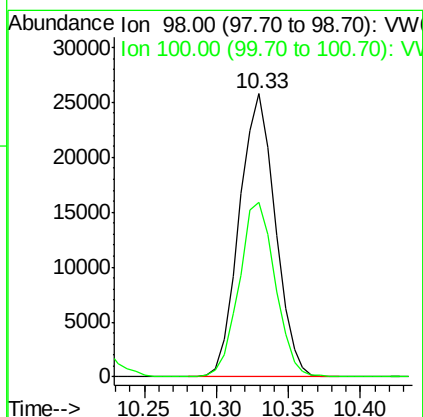
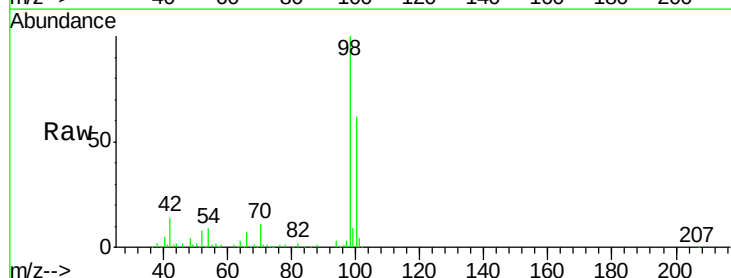
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

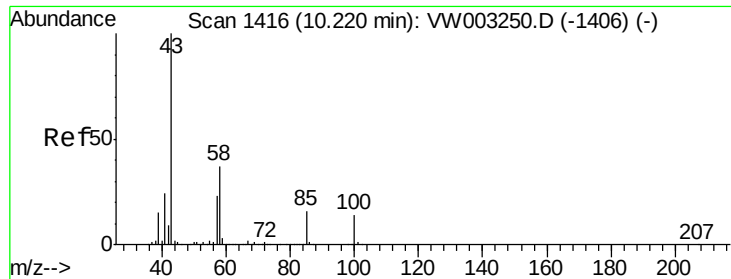
Tgt Ion: 88 Resp: 1985
Ion Ratio Lower Upper
88 100
43 0.0 454.7 682.1#
58 74.9 58.6 88.0



#50
Toluene-d8
Concen: 4.855 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 98 Resp: 44622
Ion Ratio Lower Upper
98 100
100 62.1 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 24.824 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

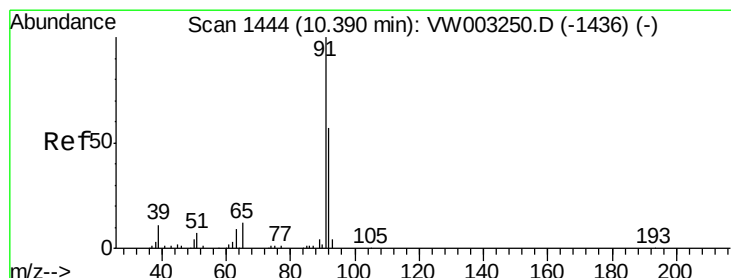
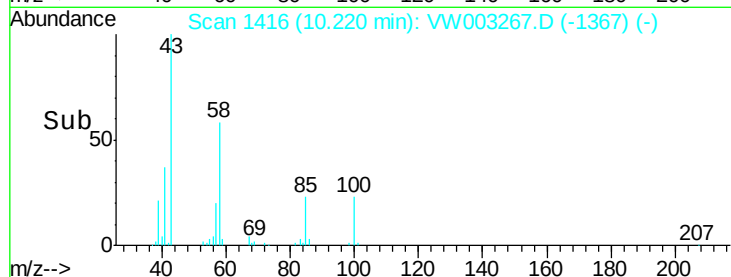
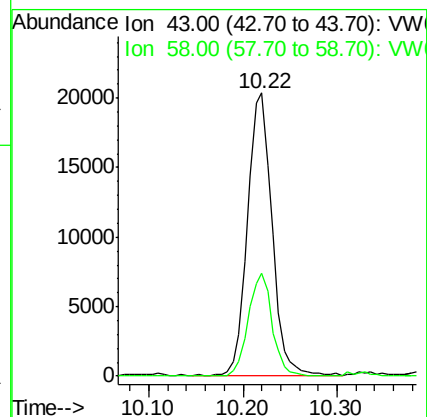
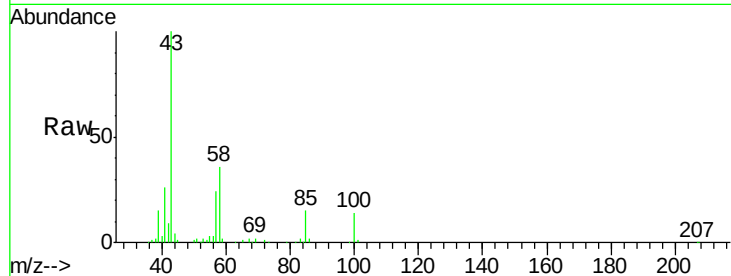
LOQ-SCM-Precision-Bias-2

Tgt Ion: 43 Resp: 37488

Ion Ratio Lower Upper

43 100

58 34.9 29.0 43.4



#52

Toluene

Concen: 4.752 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003267.D

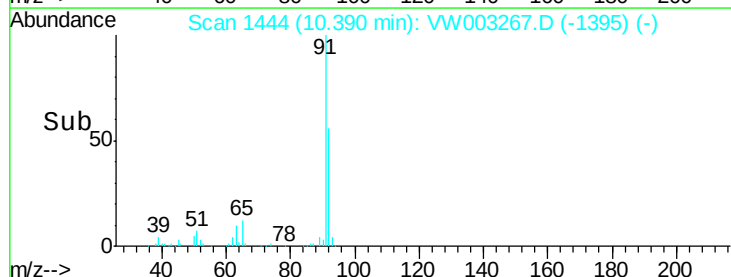
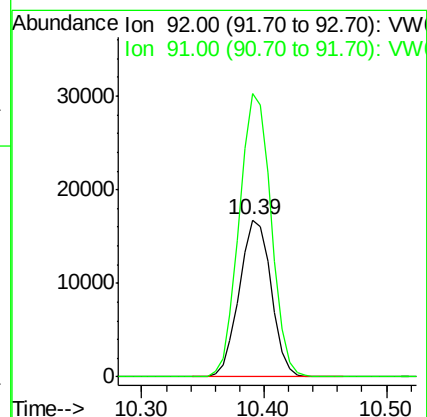
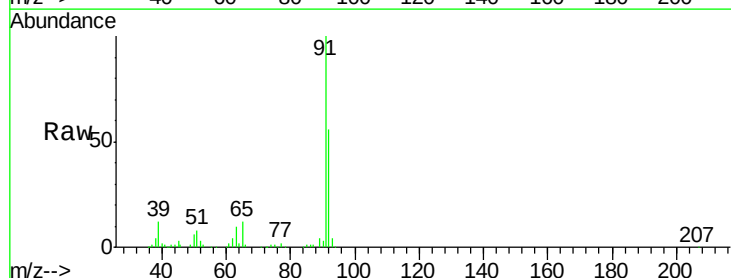
Acq: 14 Jun 2018 21:24

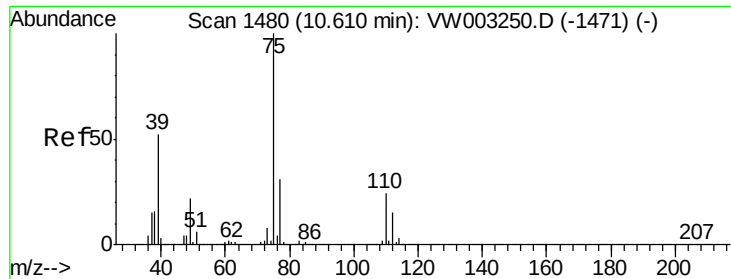
Tgt Ion: 92 Resp: 30265

Ion Ratio Lower Upper

92 100

91 180.4 141.1 211.7

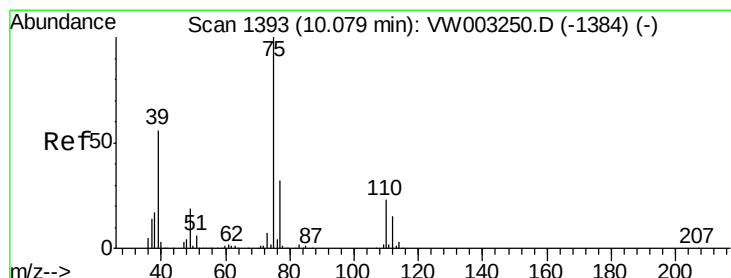
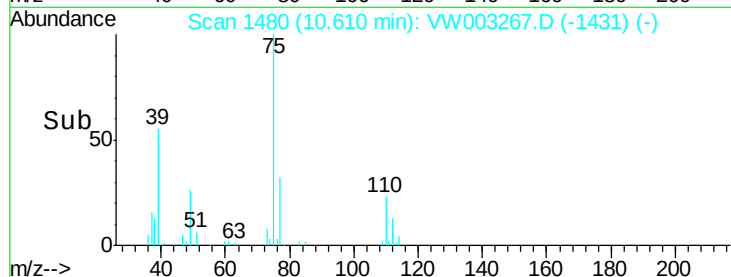
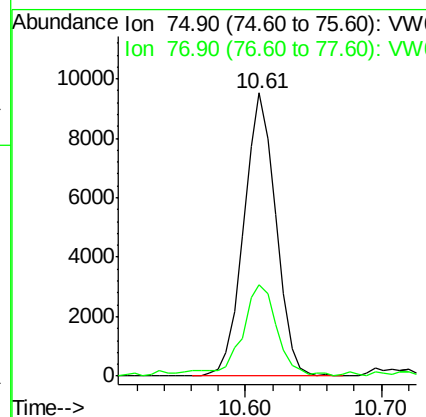
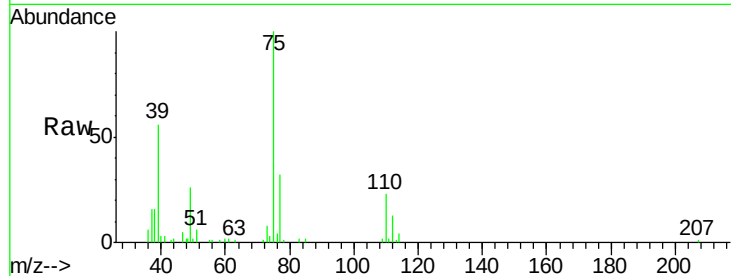




#53
t-1,3-Dichloropropene
Concen: 4.618 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

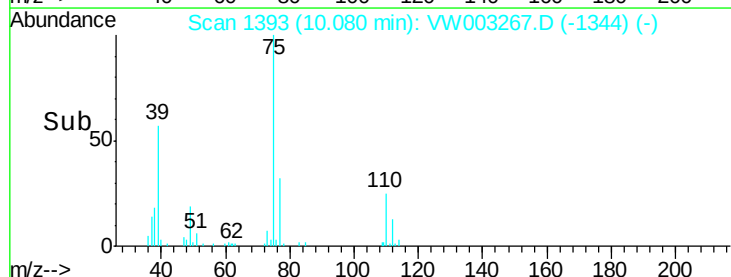
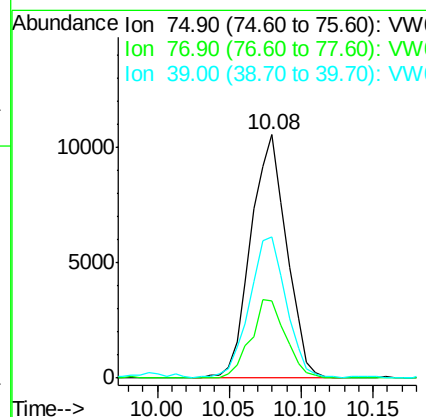
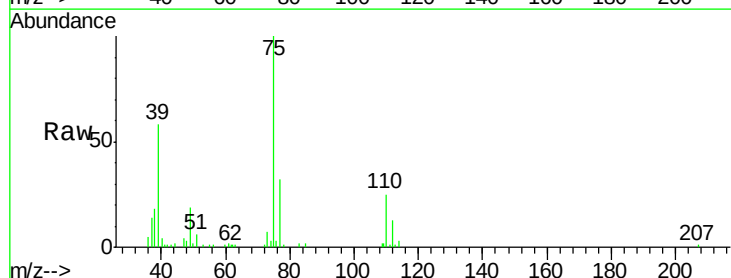
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

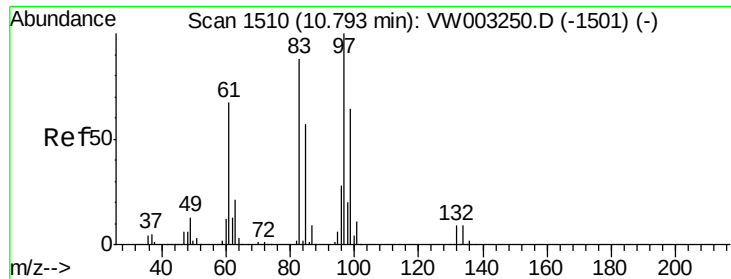
Tgt Ion: 75 Resp: 15652
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 4.696 ug/l
RT: 10.08 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 75 Resp: 18116
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 58.0 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 5.296 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

Tgt Ion: 97 Resp: 9661

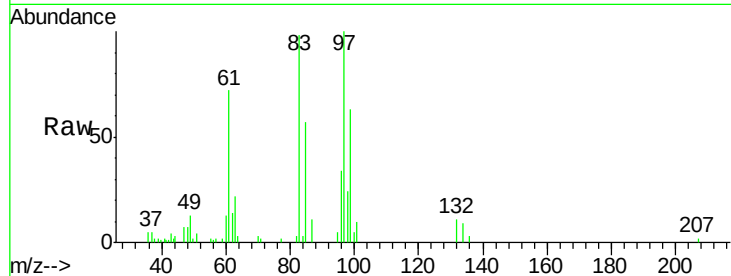
Ion Ratio Lower Upper

97 100

83 98.2 70.2 105.2

85 56.9 45.6 68.4

99 62.7 51.2 76.8

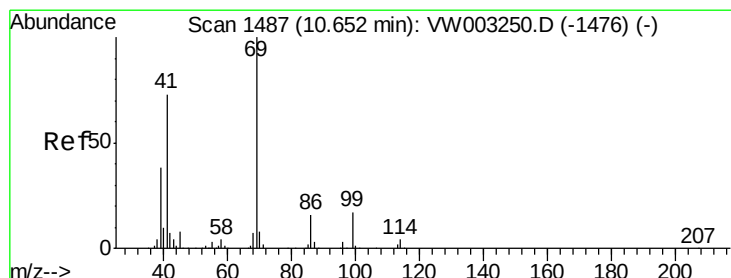
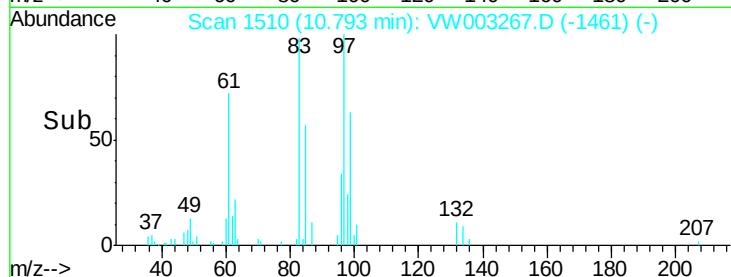
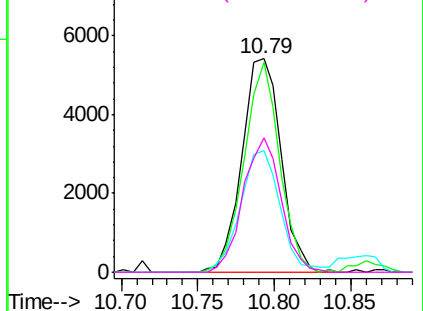


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 4.324 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

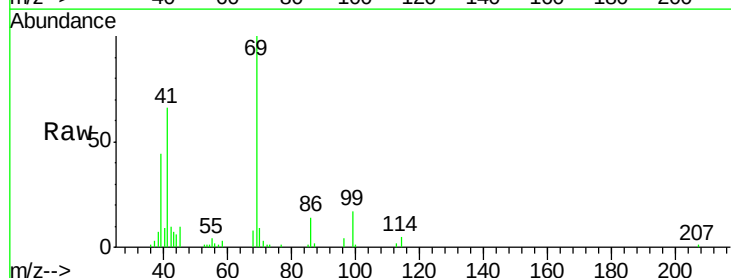
Tgt Ion: 69 Resp: 9578

Ion Ratio Lower Upper

69 100

41 79.7 57.8 86.6

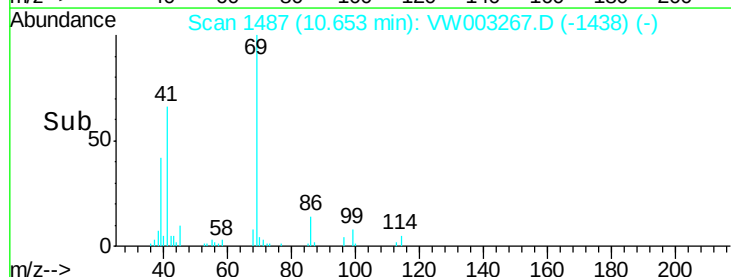
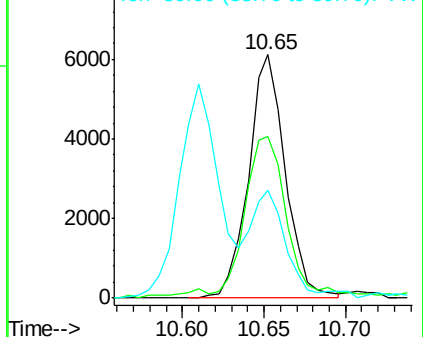
39 44.1 32.7 49.1

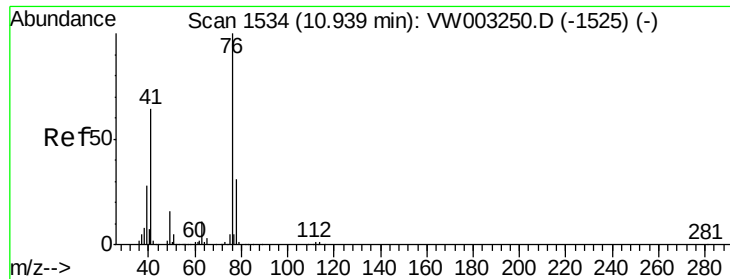


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

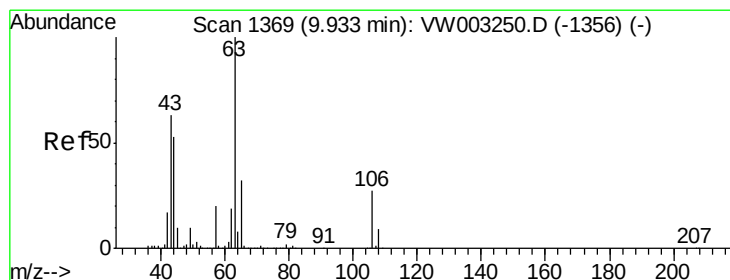
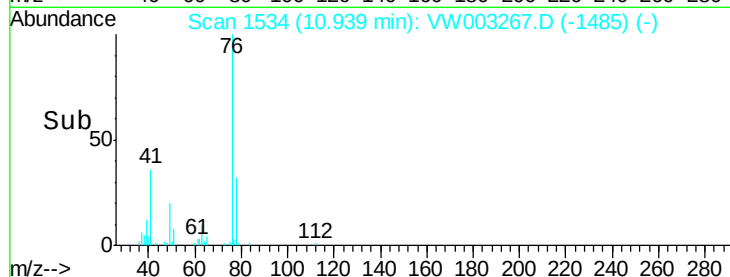
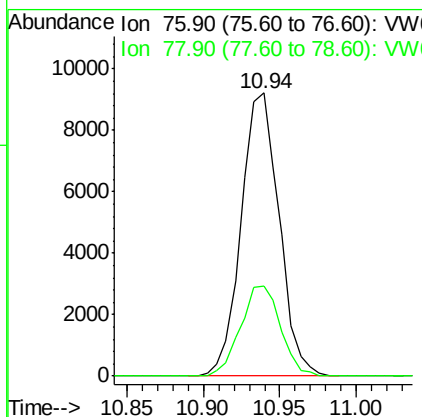
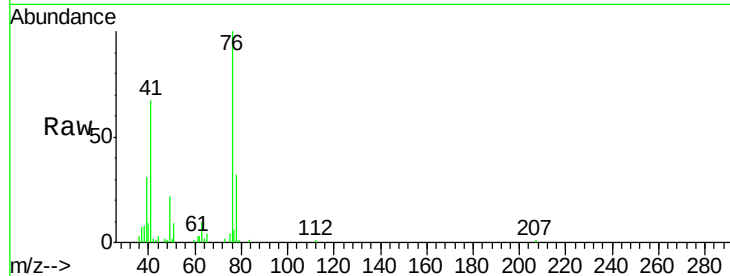




#57
 1,3-Dichloropropane
 Concen: 5.048 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

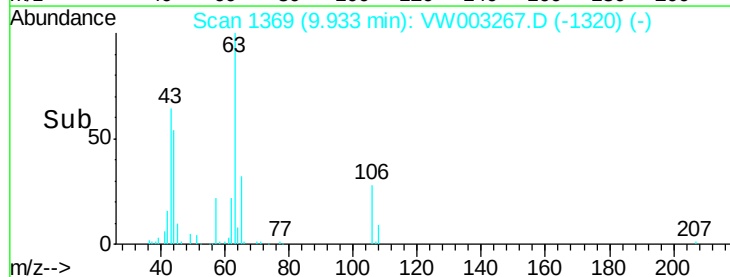
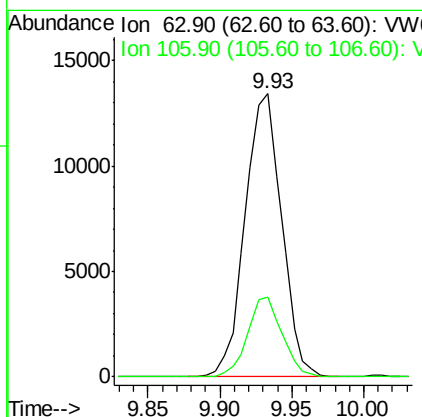
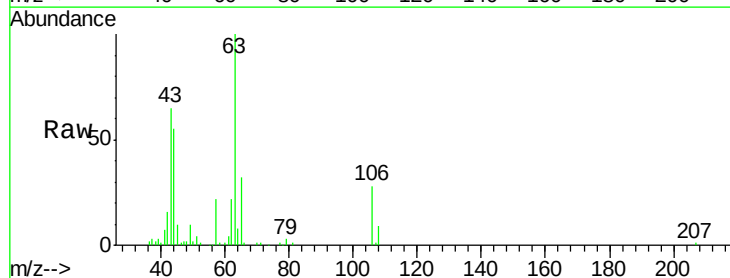
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

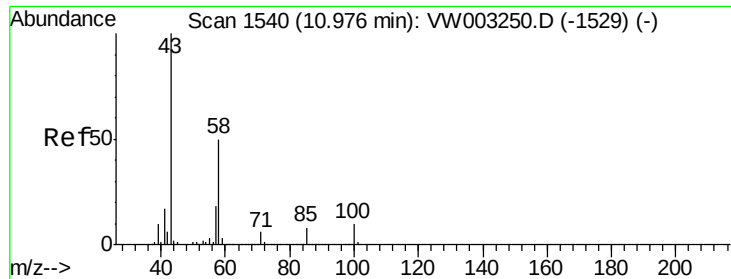
Tgt Ion: 76 Resp: 15882
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.736 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 63 Resp: 23571
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.8 32.8

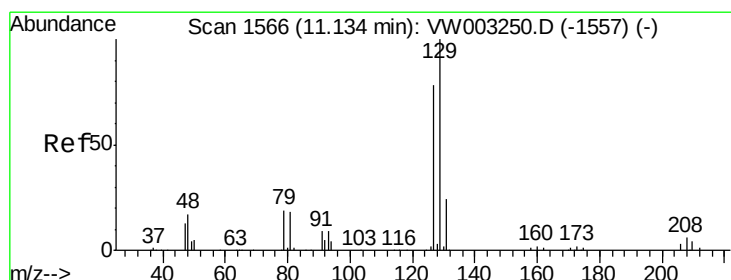
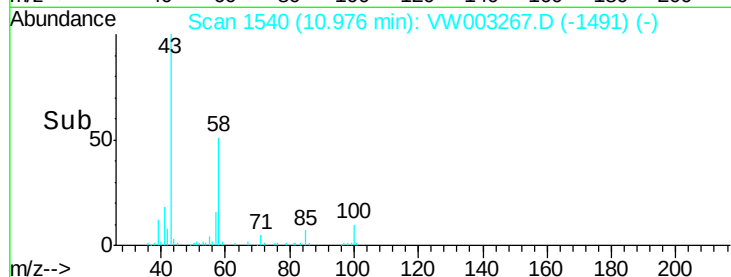
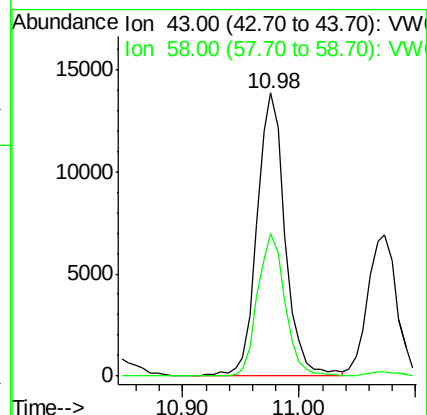
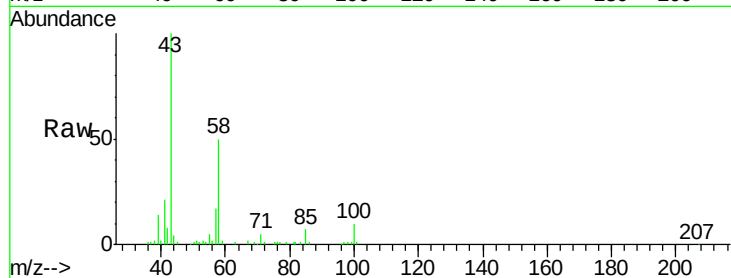




#59
2-Hexanone
Concen: 22.214 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

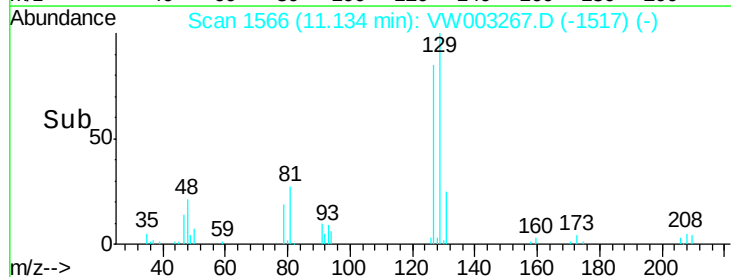
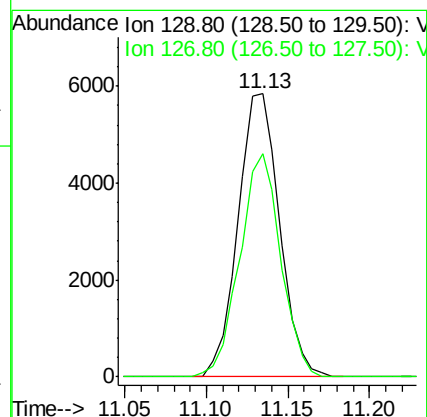
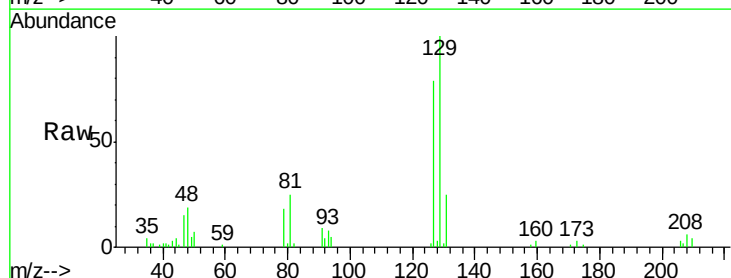
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

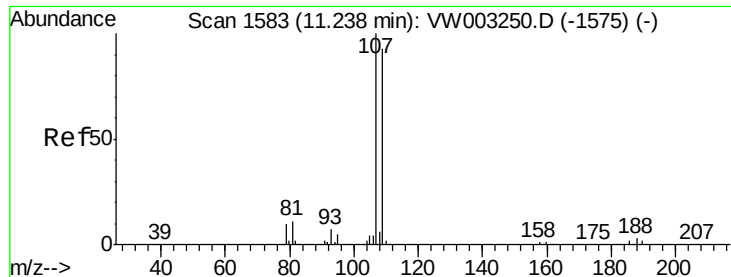
Tgt Ion: 43 Resp: 23435
Ion Ratio Lower Upper
43 100
58 49.0 25.0 75.0



#60
Dibromochloromethane
Concen: 4.776 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 129 Resp: 10362
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.5





#61

1,2-Dibromoethane

Concen: 4.932 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

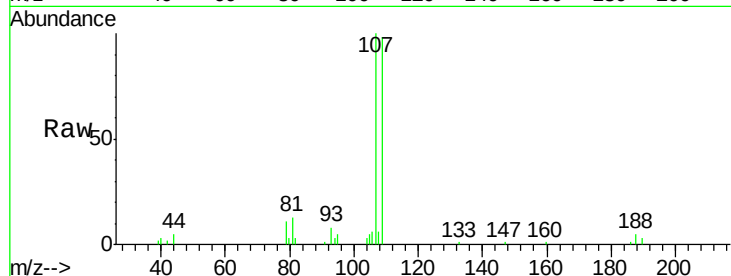
LOQ-SCM-Precision-Bias-2

Tgt Ion: 107 Resp: 8511

Ion Ratio Lower Upper

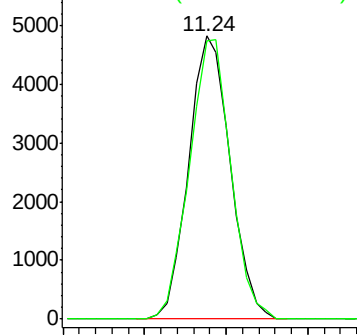
107 100

109 98.9 75.8 113.6

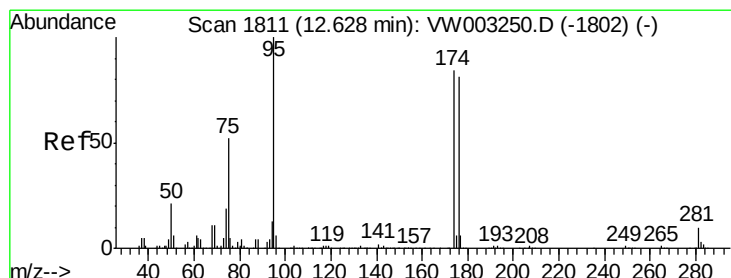
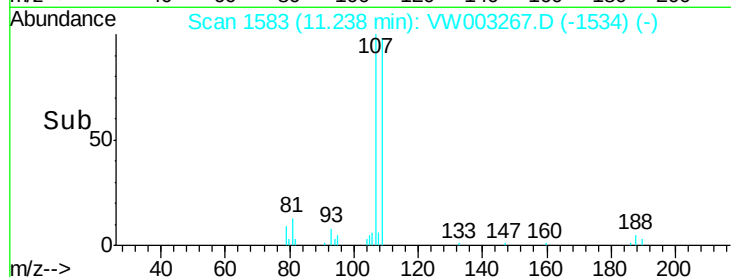


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 4.562 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

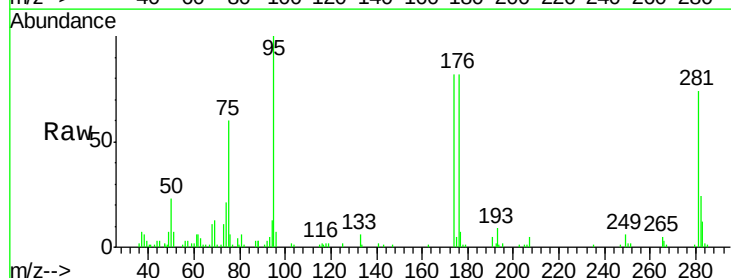
Tgt Ion: 95 Resp: 14840

Ion Ratio Lower Upper

95 100

174 91.2 0.0 166.4

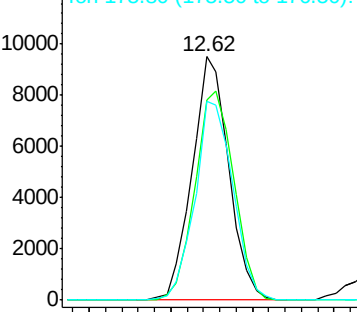
176 85.1 0.0 162.0



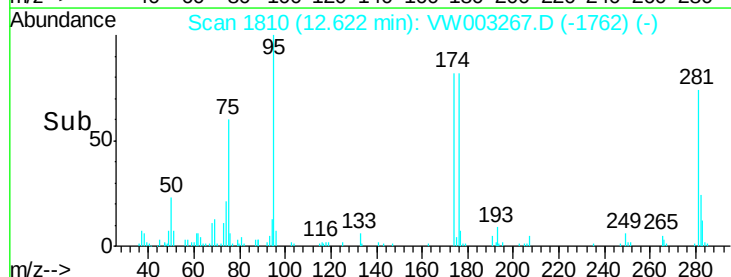
Abundance Ion 94.90 (94.60 to 95.60): VW

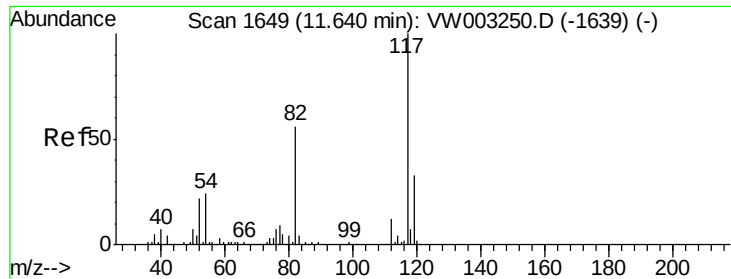
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time--> 12.55 12.60 12.65 12.70

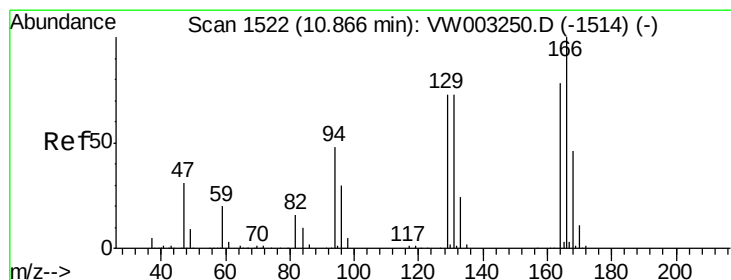
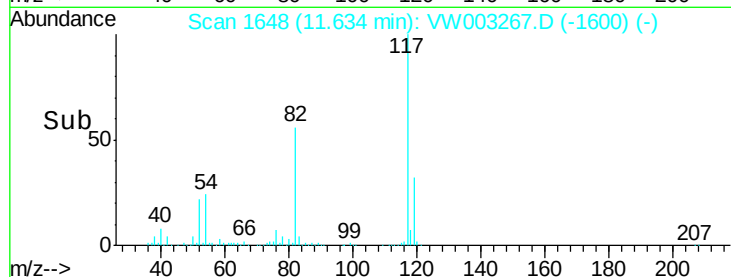
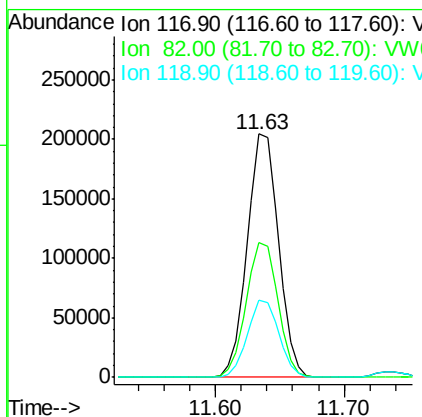
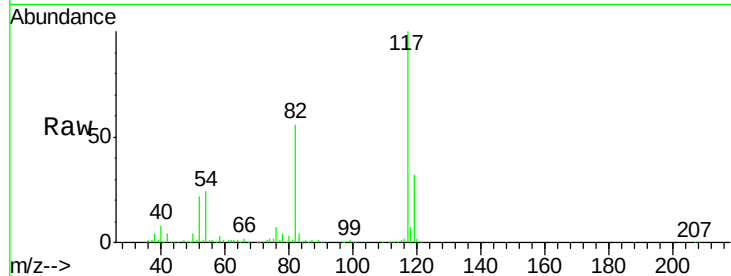




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

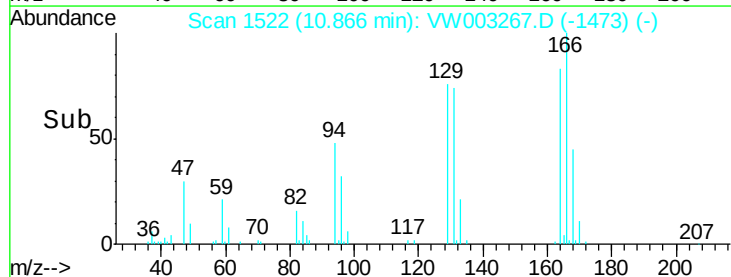
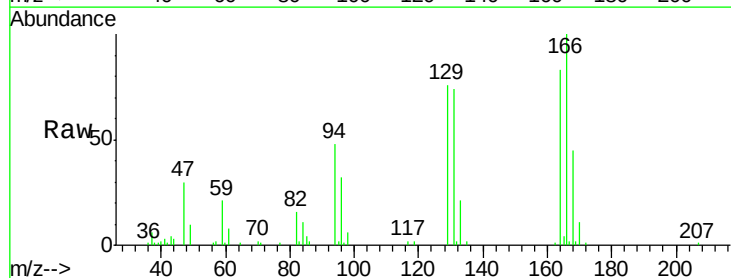
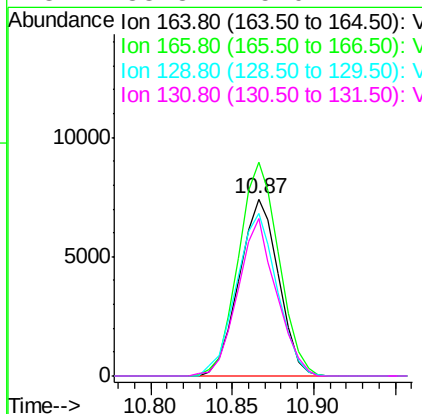
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

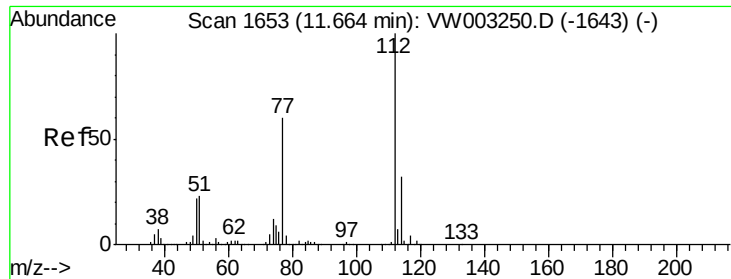
Tgt Ion:117 Resp: 342790
Ion Ratio Lower Upper
117 100
82 55.6 44.6 67.0
119 31.9 26.7 40.1



#64
Tetrachloroethene
Concen: 5.444 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion:164 Resp: 12481
Ion Ratio Lower Upper
164 100
166 120.6 102.6 154.0
129 92.0 75.2 112.8
131 88.8 75.0 112.4





#65

Chlorobenzene

Concen: 5.057 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. -0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

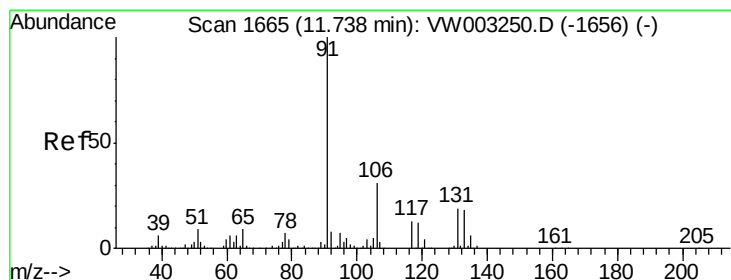
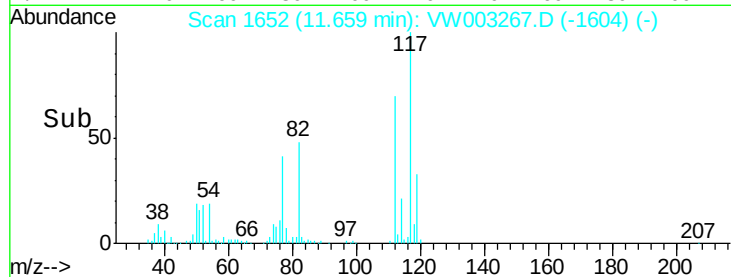
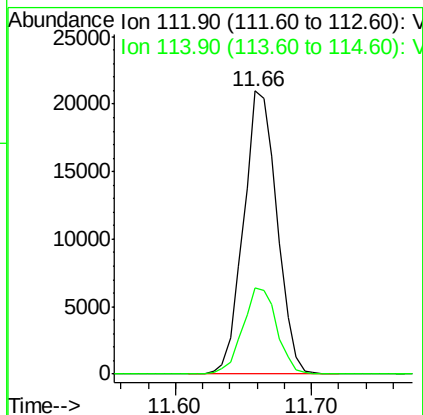
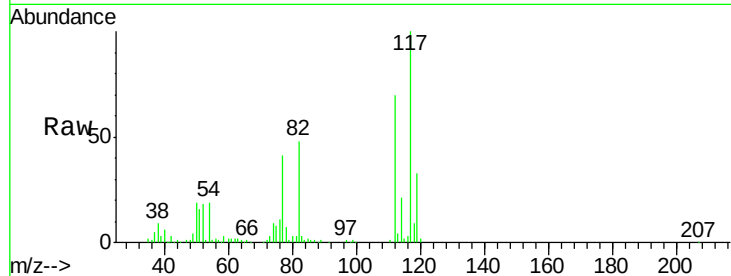
LOQ-SCM-Precision-Bias-2

Tgt Ion:112 Resp: 36099

Ion Ratio Lower Upper

112 100

114 30.4 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 4.858 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

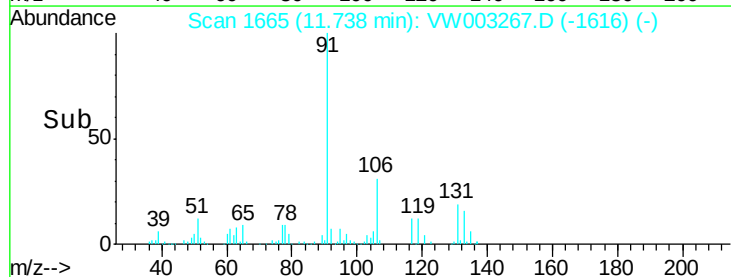
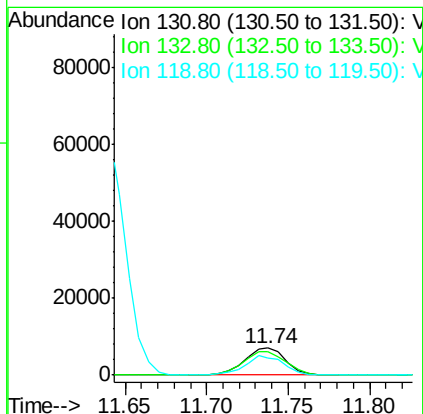
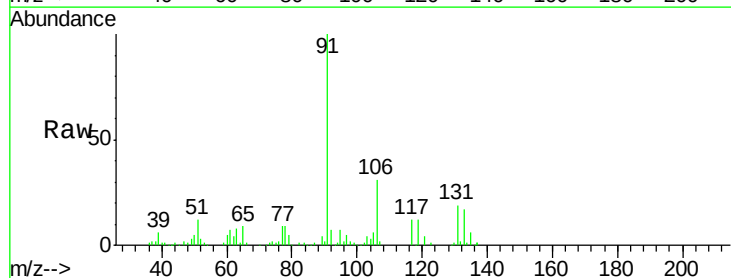
Tgt Ion:131 Resp: 12186

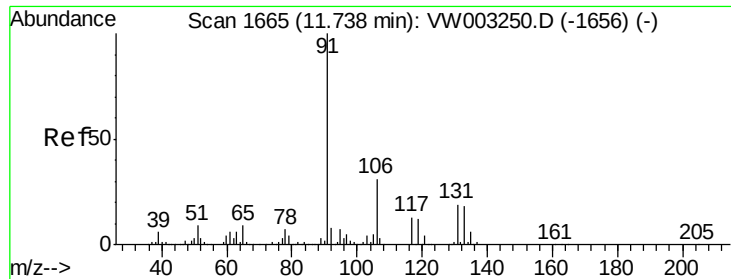
Ion Ratio Lower Upper

131 100

133 90.9 47.3 142.0

119 68.7 32.5 97.4

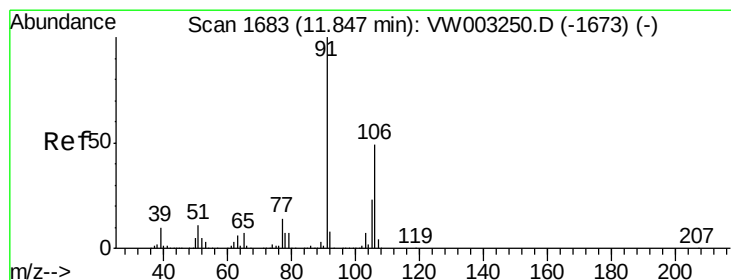
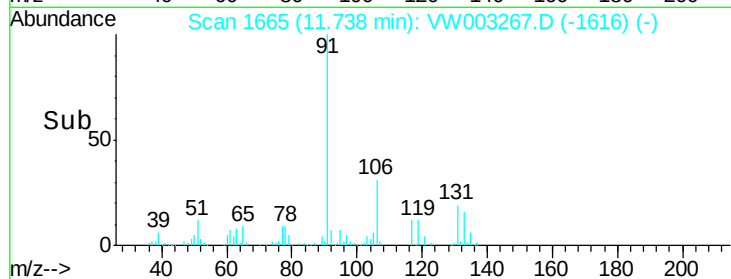
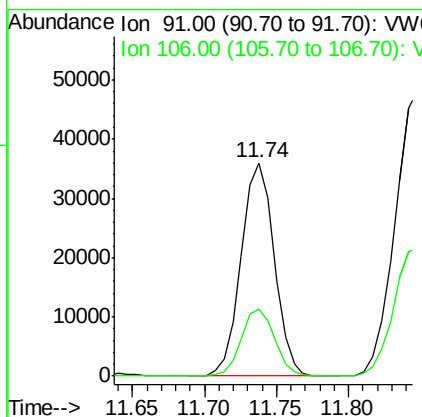
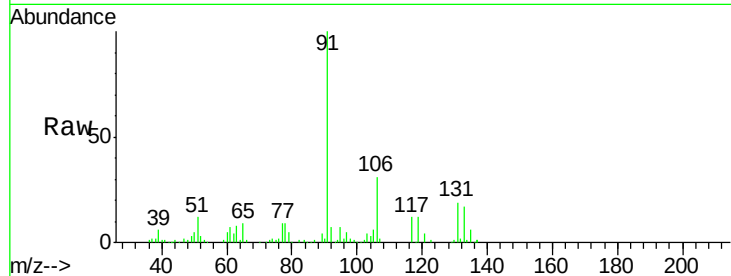




#67
Ethyl Benzene
Concen: 4.543 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

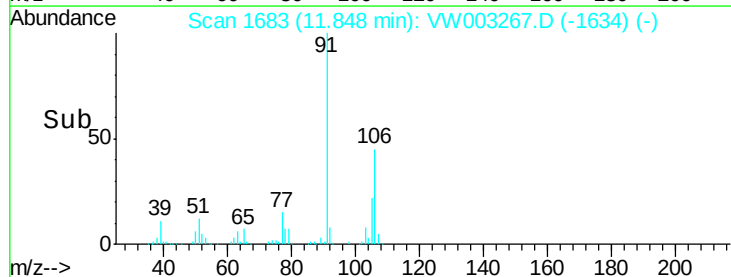
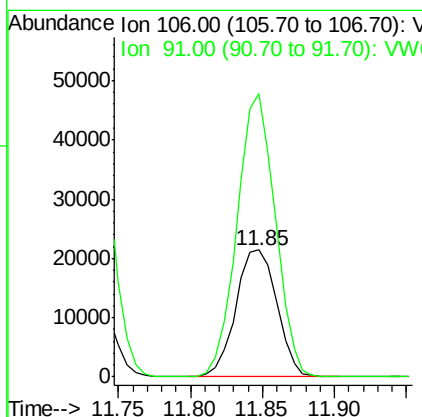
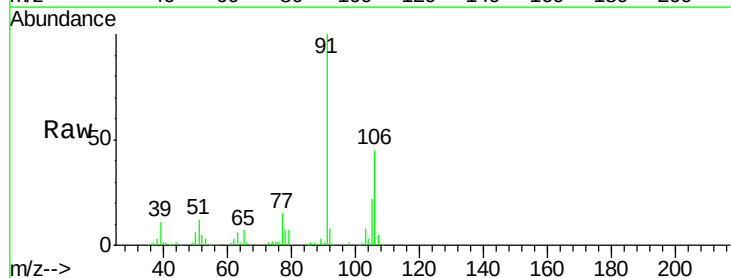
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

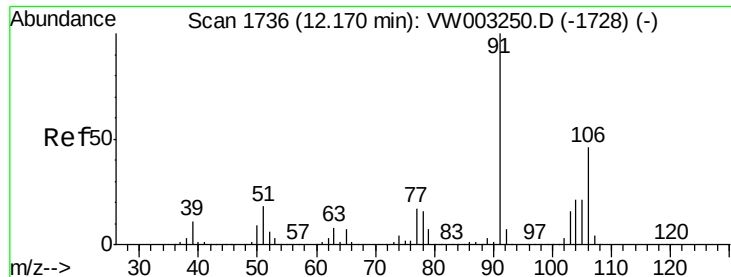
Tgt Ion: 91 Resp: 57489
Ion Ratio Lower Upper
91 100
106 31.5 24.7 37.1



#68
m/p-Xylenes
Concen: 8.810 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 106 Resp: 42378
Ion Ratio Lower Upper
106 100
91 207.9 165.4 248.0

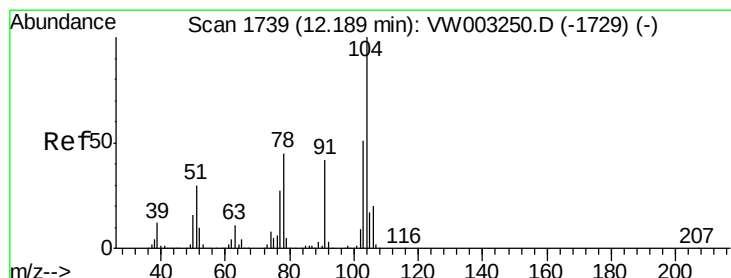
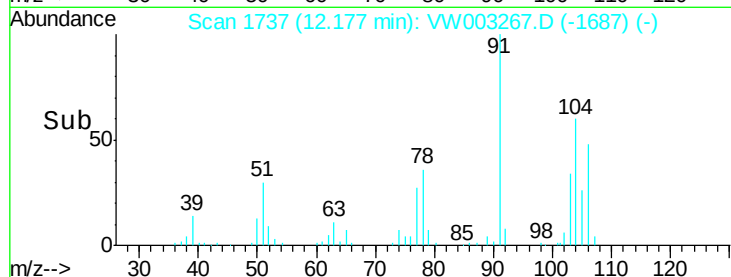
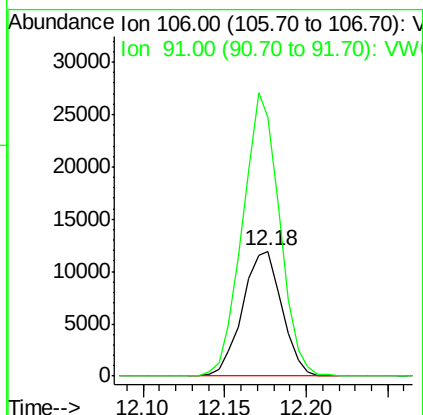
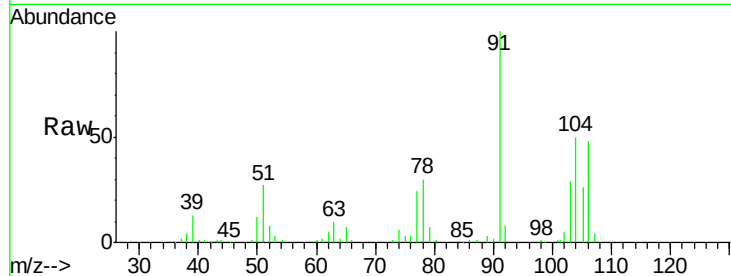




#69
o-Xylene
Concen: 4.492 ug/l
RT: 12.18 min Scan# 1737
Delta R.T. 0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

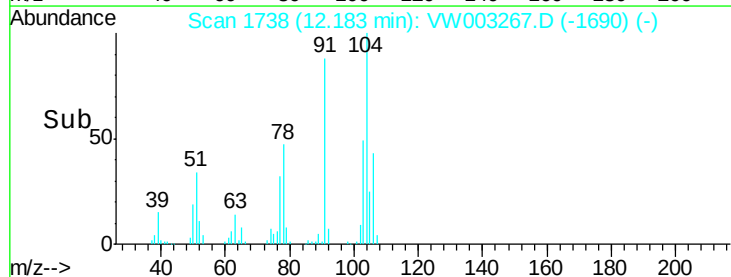
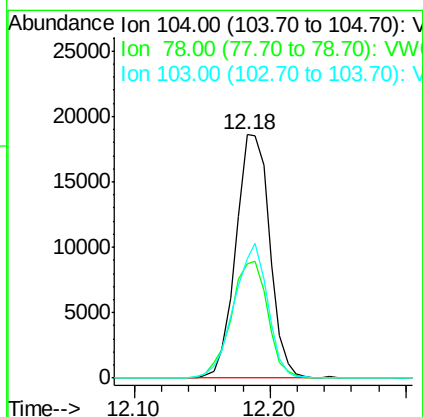
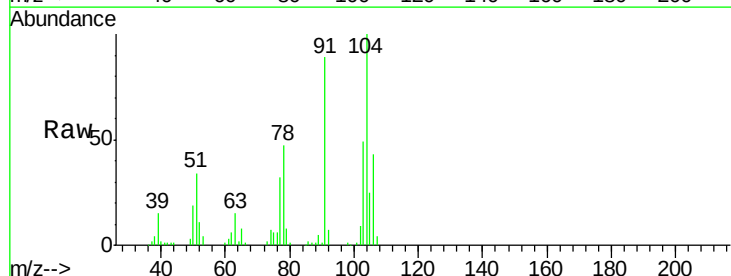
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

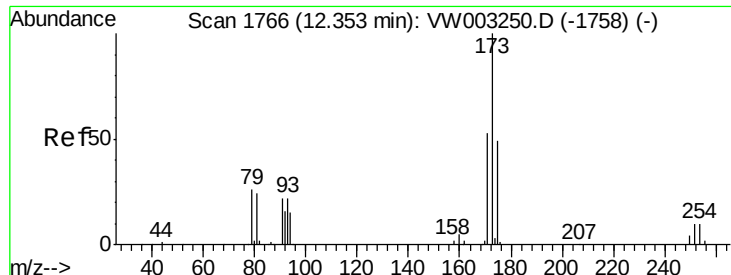
Tgt Ion:106 Resp: 20026
Ion Ratio Lower Upper
106 100
91 213.9 108.6 325.6



#70
Styrene
Concen: 4.357 ug/l
RT: 12.18 min Scan# 1738
Delta R.T. -0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion:104 Resp: 32329
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 55.0 45.0 67.4

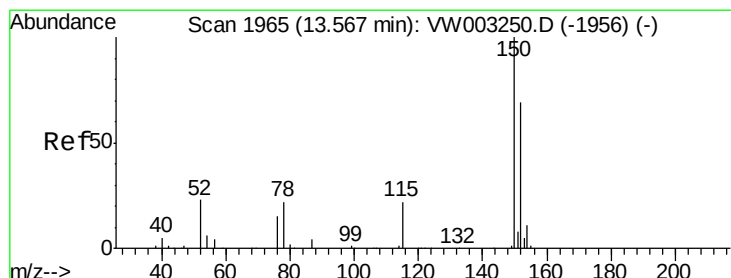
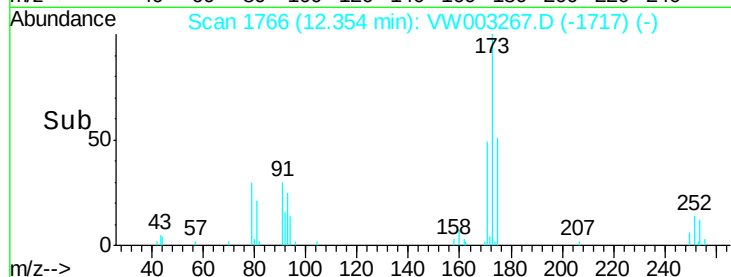
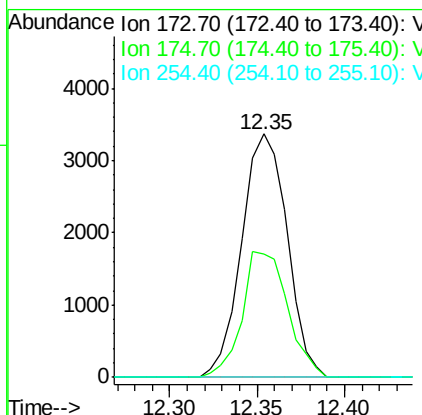
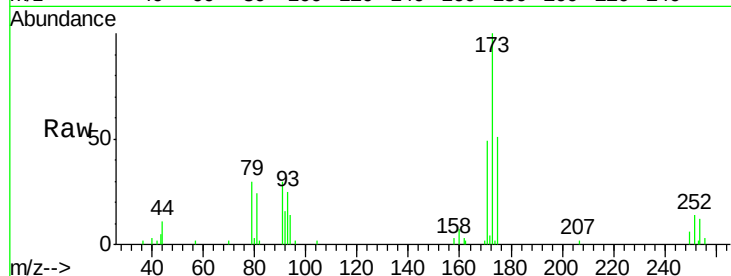




#71
Bromoform
Concen: 4.677 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

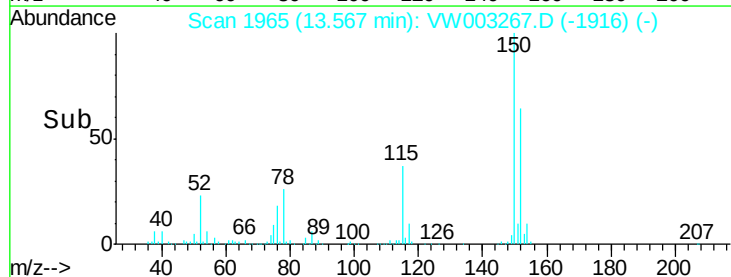
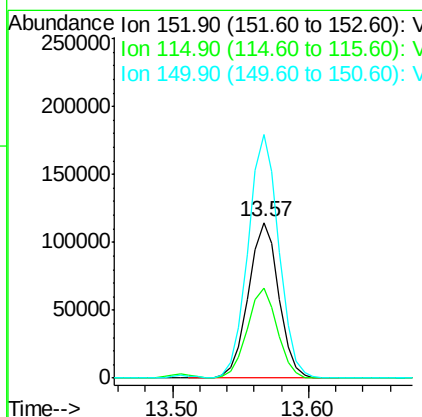
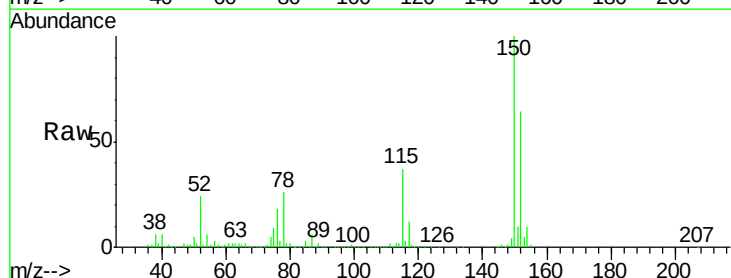
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

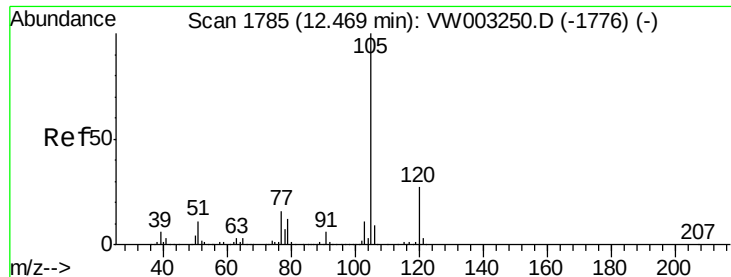
Tgt Ion:173 Resp: 6081
Ion Ratio Lower Upper
173 100
175 51.7 24.4 73.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion:152 Resp: 179326
Ion Ratio Lower Upper
152 100
115 57.8 29.3 88.0
150 158.7 0.0 349.6





#73

Isopropylbenzene

Concen: 4.272 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

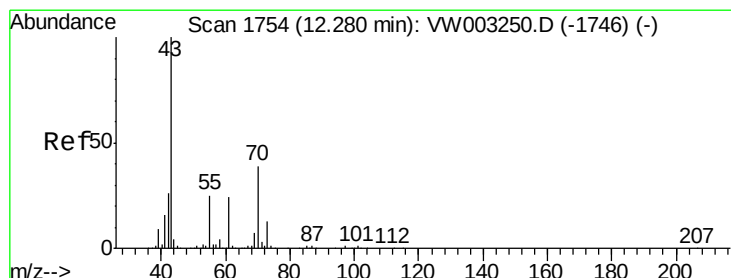
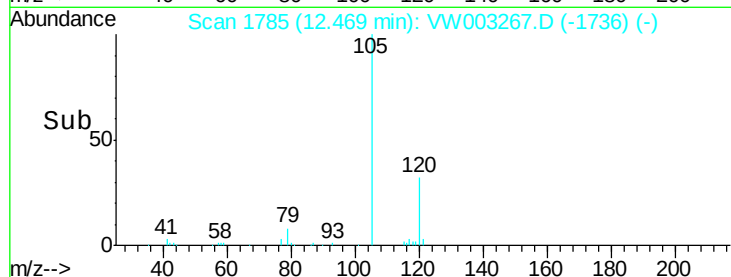
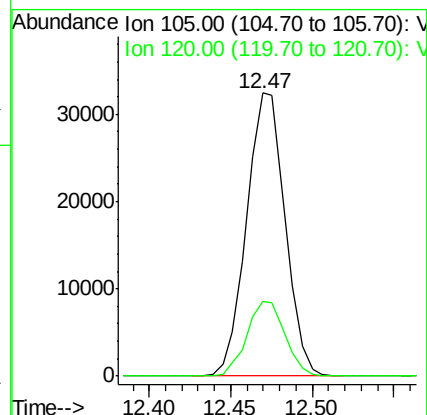
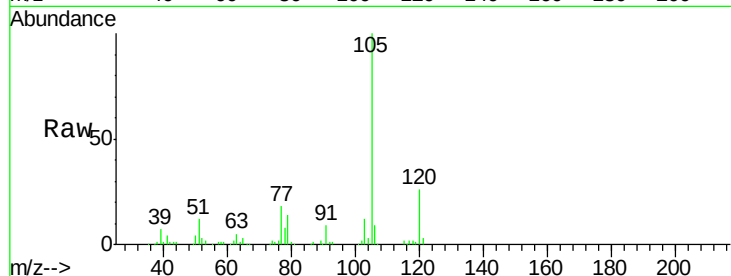
LOQ-SCM-Precision-Bias-2

Tgt Ion: 105 Resp: 53289

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.6



#74

N-ethyl acetate

Concen: 4.372 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Tgt Ion: 43 Resp: 12412

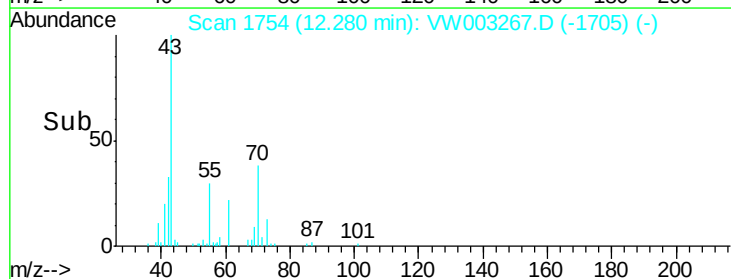
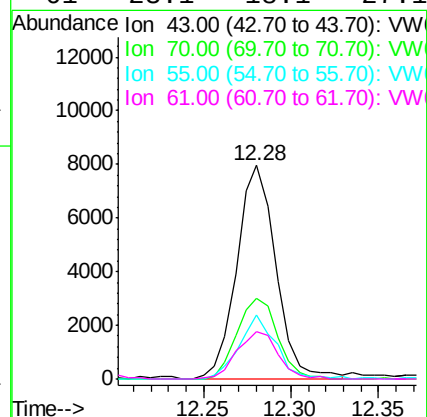
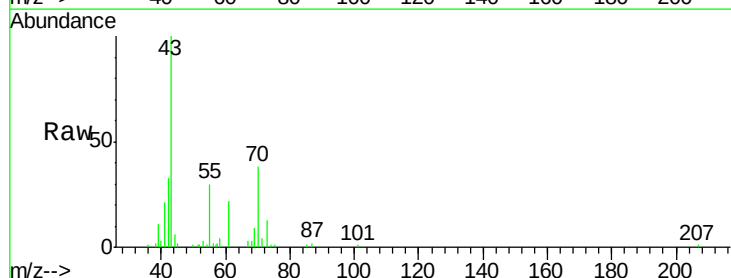
Ion Ratio Lower Upper

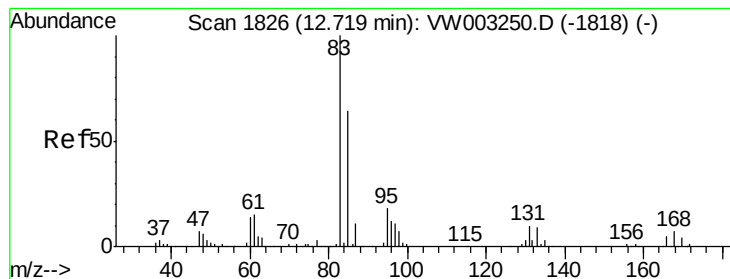
43 100

70 39.2 31.0 46.6

55 28.2 19.7 29.5

61 23.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.204 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

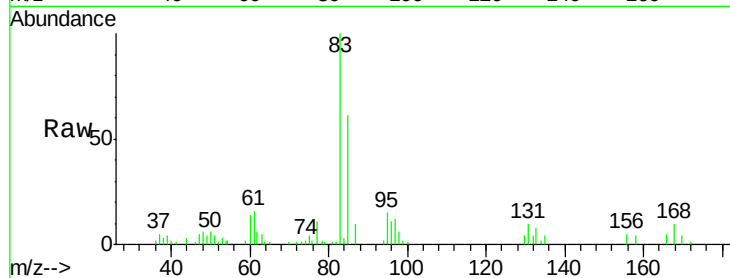
Tgt Ion: 83 Resp: 10982

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

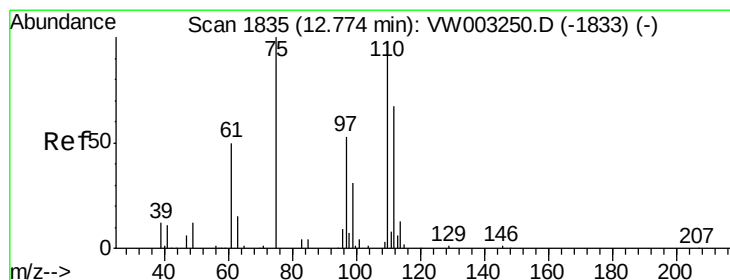
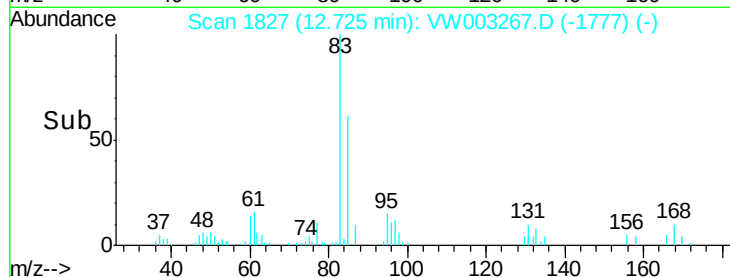
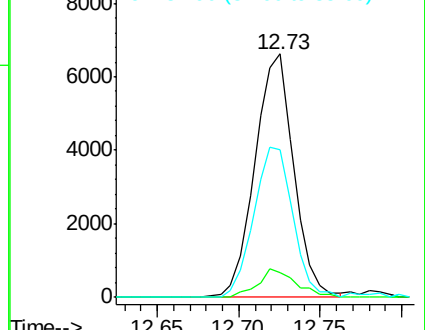
85 62.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 8.817 ug/l

RT: 12.78 min Scan# 1836

Delta R.T. 0.01 min

Lab File: VW003267.D

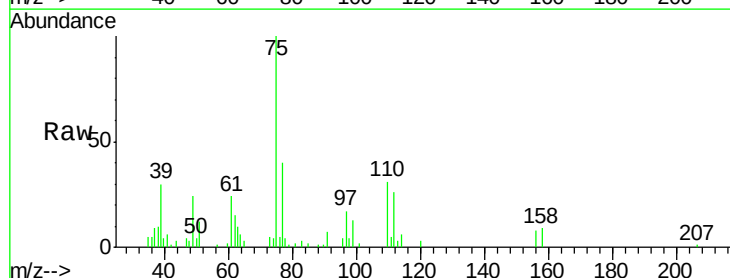
Acq: 14 Jun 2018 21:24

Tgt Ion: 75 Resp: 13517

Ion Ratio Lower Upper

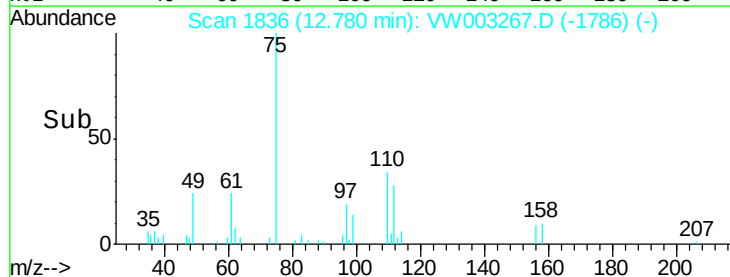
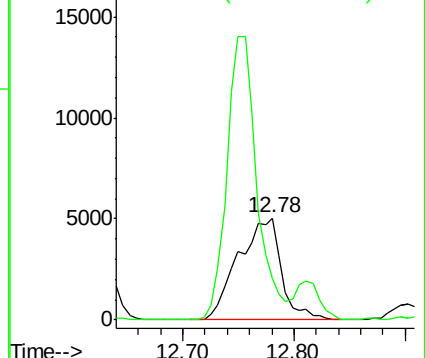
75 100

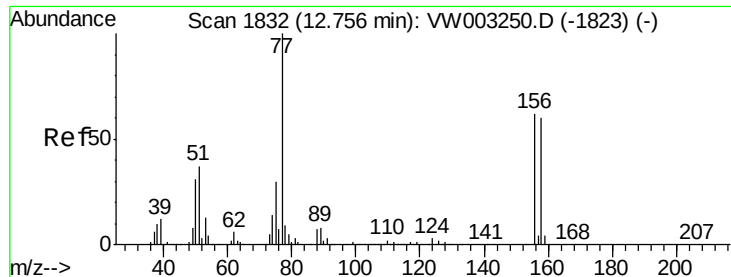
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

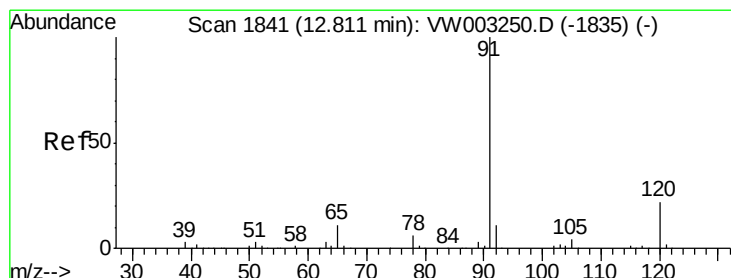
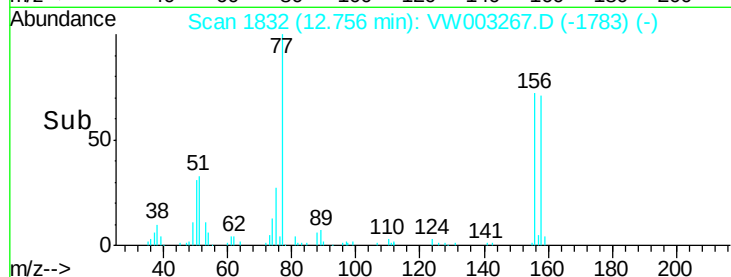
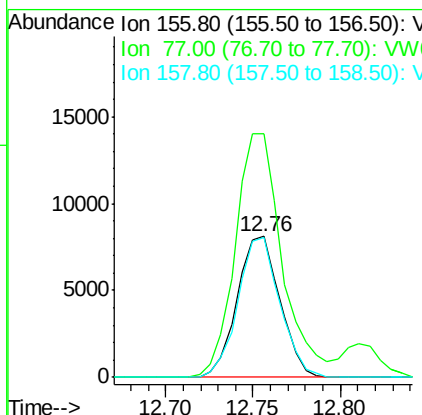
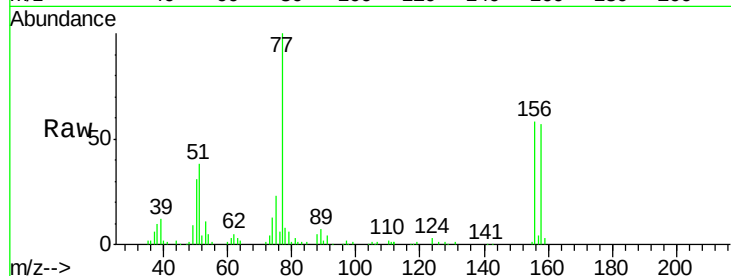




#77
Bromobenzene
Concen: 4.754 ug/l
RT: 12.76 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

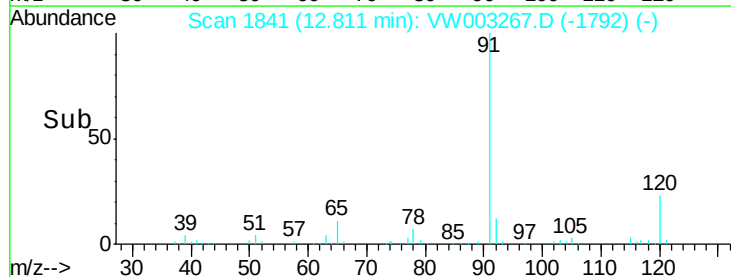
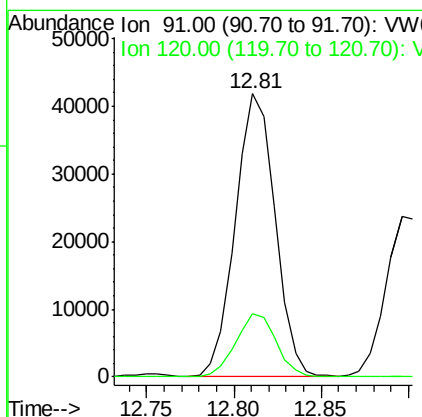
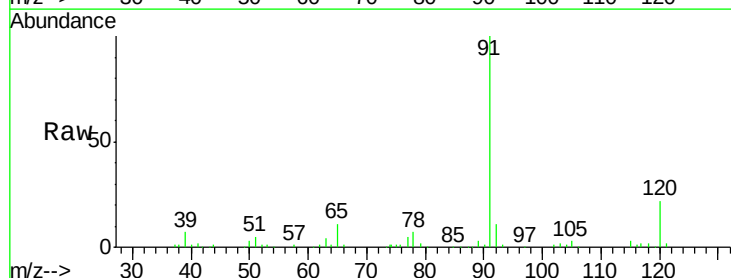
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

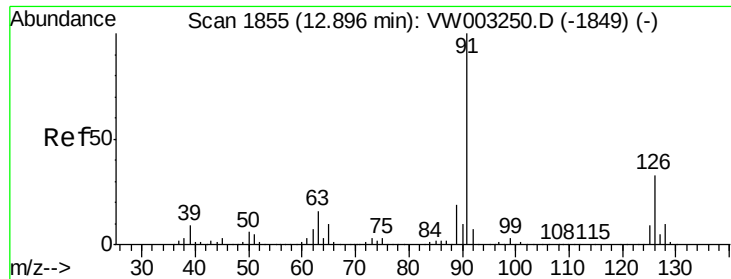
Tgt Ion: 156 Resp: 13809
Ion Ratio Lower Upper
156 100
77 188.7 92.3 276.9
158 97.0 47.5 142.6



#78
n-propylbenzene
Concen: 4.328 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion: 91 Resp: 66102
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

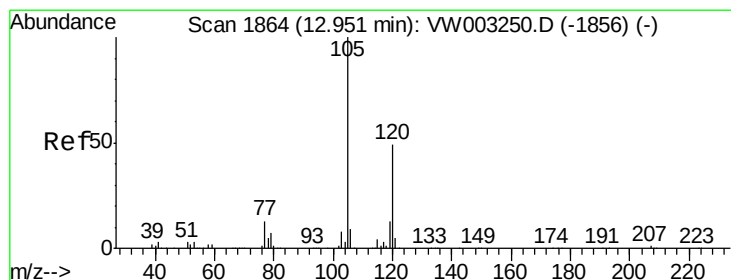
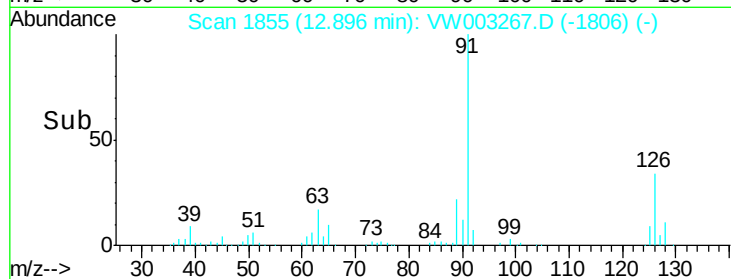
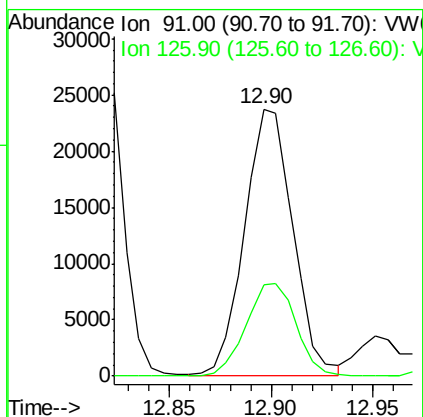
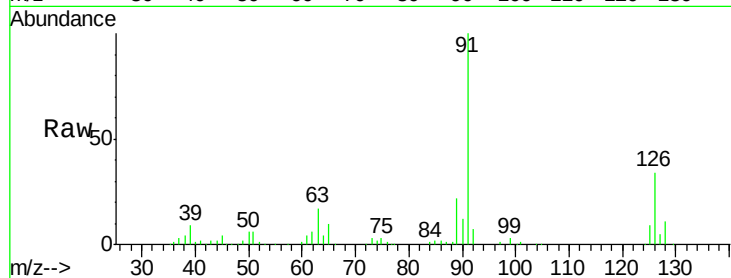




#79
 2-Chlorotoluene
 Concen: 4.520 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

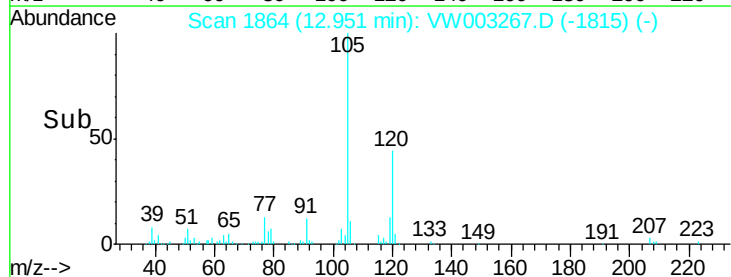
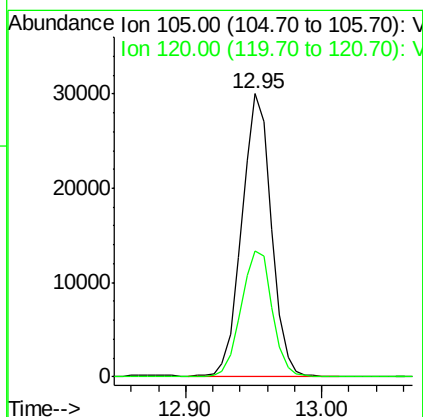
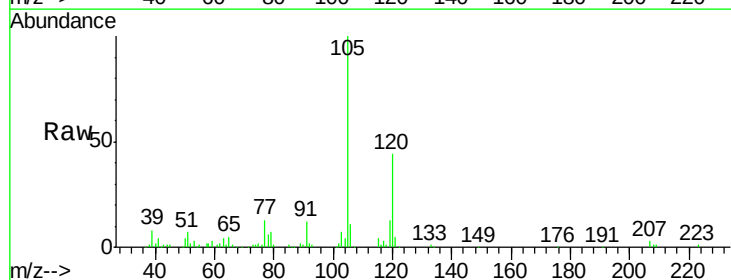
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

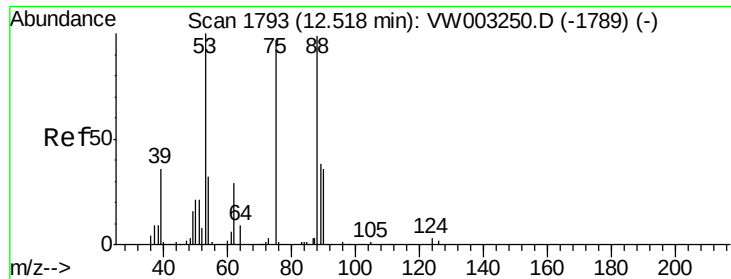
Tgt Ion: 91 Resp: 39011
 Ion Ratio Lower Upper
 91 100
 126 35.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 4.360 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 105 Resp: 45646
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 4.396 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

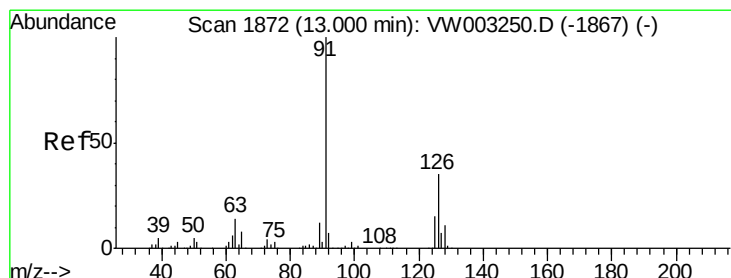
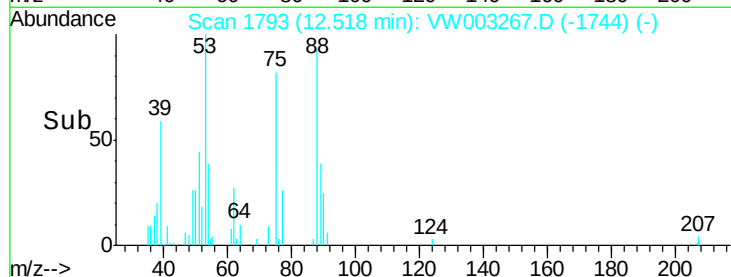
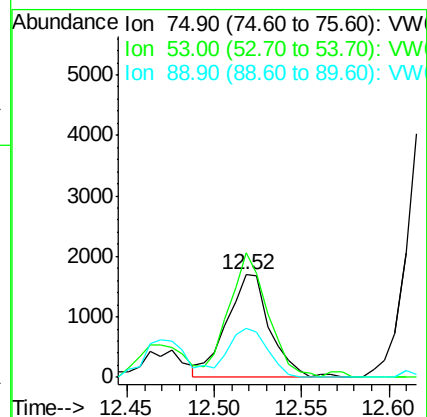
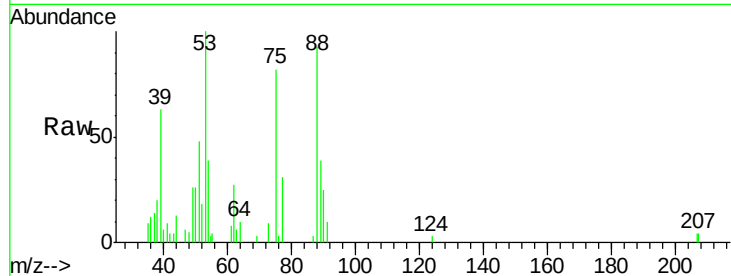
Tgt Ion: 75 Resp: 2929

Ion Ratio Lower Upper

75 100

53 108.0 82.9 124.3

89 41.4 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.588 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003267.D

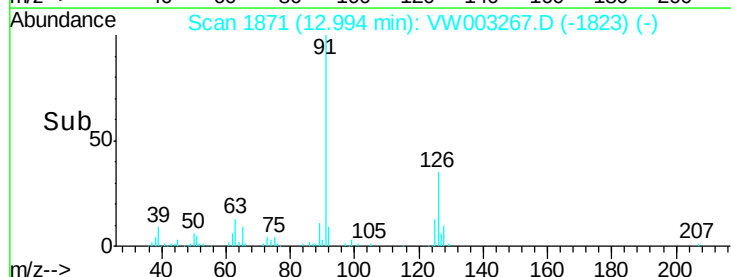
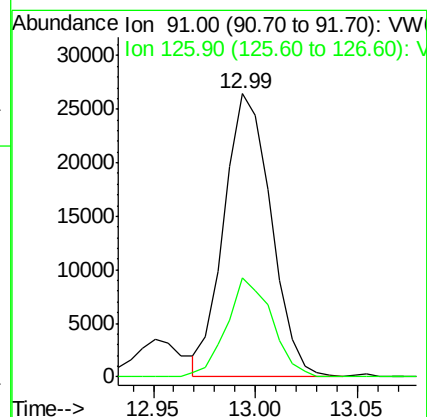
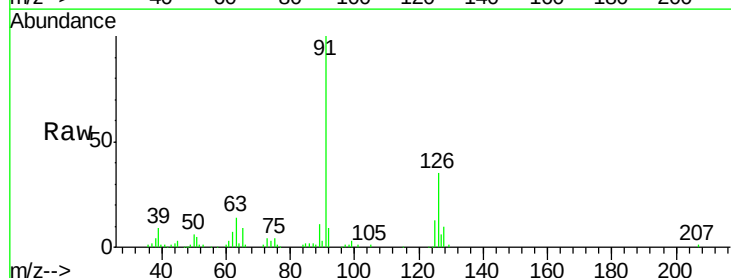
Acq: 14 Jun 2018 21:24

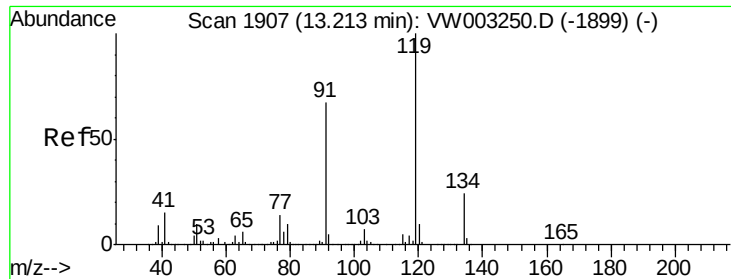
Tgt Ion: 91 Resp: 42003

Ion Ratio Lower Upper

91 100

126 33.9 16.8 50.3

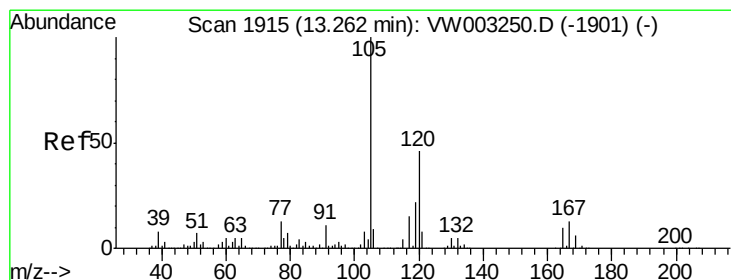
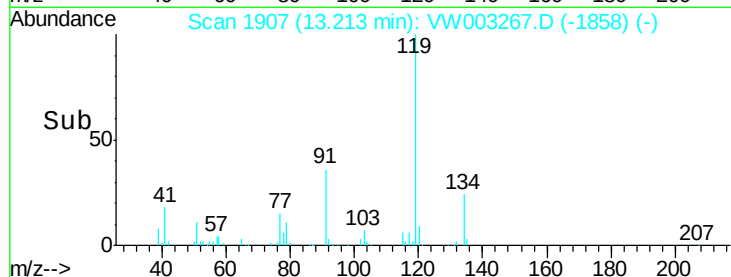
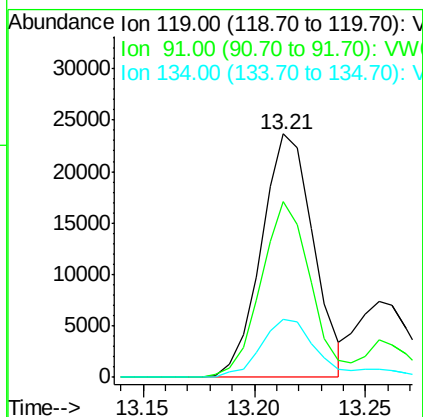
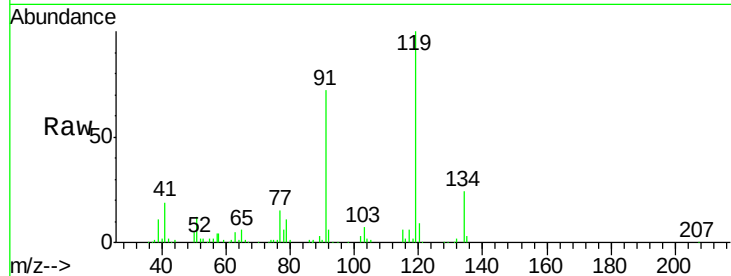




#83
 tert-Butylbenzene
 Concen: 4.298 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

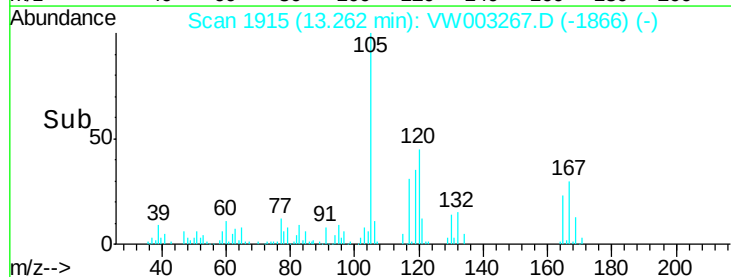
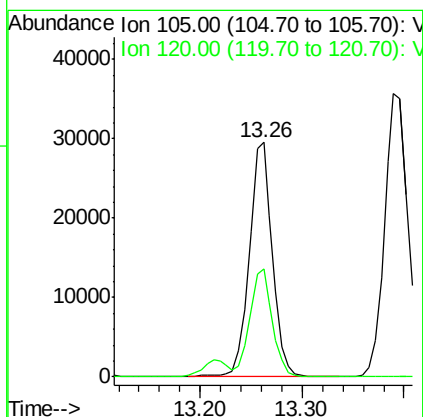
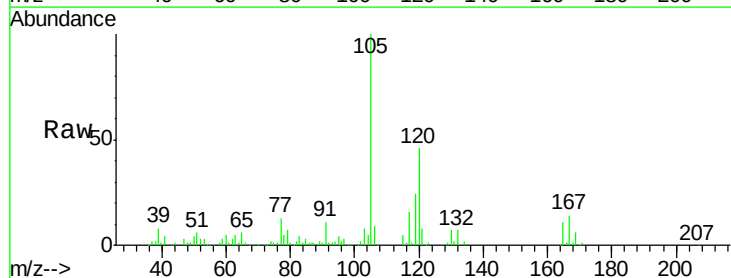
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

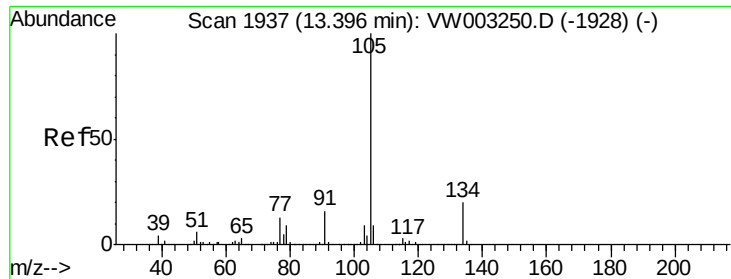
Tgt Ion:119 Resp: 38347
 Ion Ratio Lower Upper
 119 100
 91 69.6 33.9 101.7
 134 24.6 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.314 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion:105 Resp: 46457
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.5 67.5

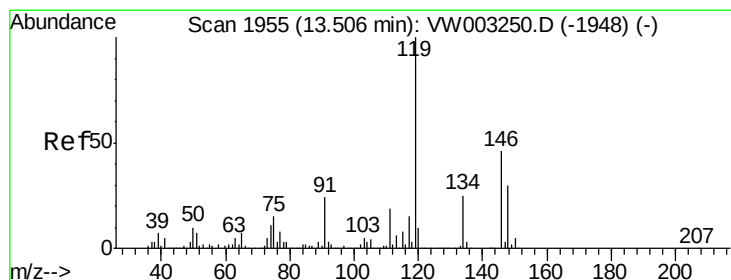
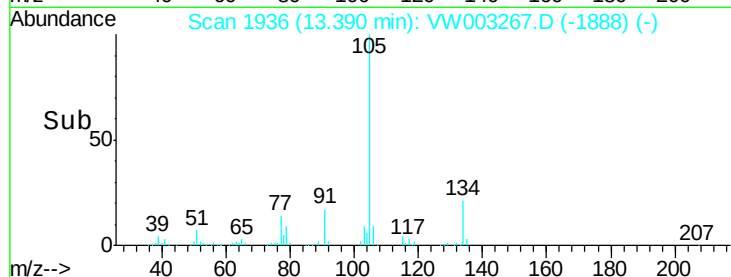
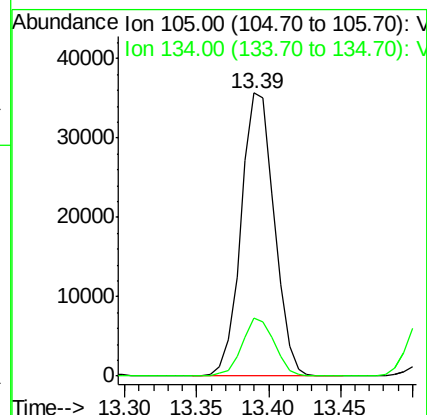
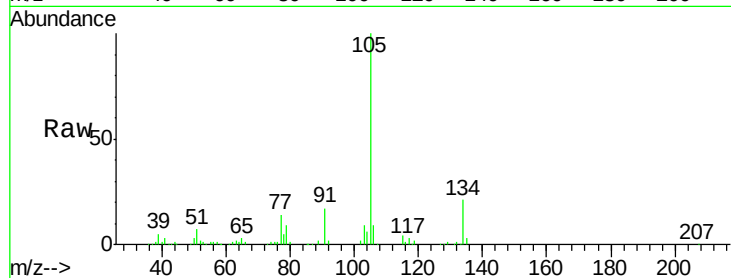




#85
 sec-Butylbenzene
 Concen: 4.300 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

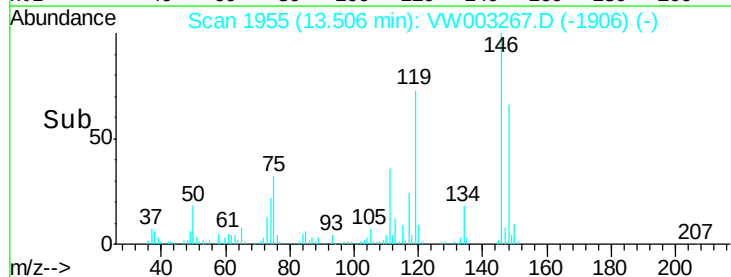
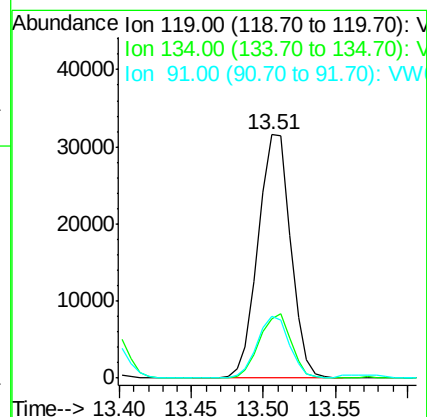
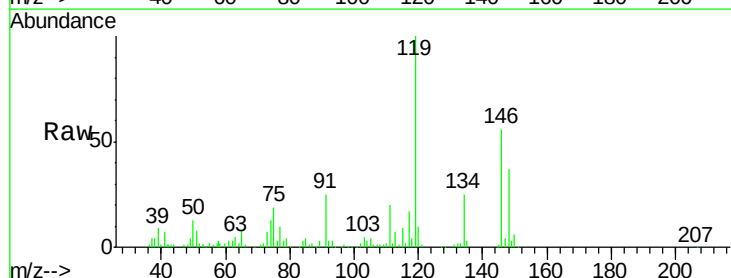
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

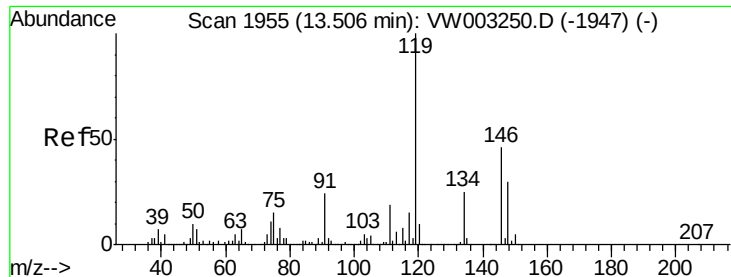
Tgt Ion:105 Resp: 57024
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.217 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion:119 Resp: 49323
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 25.4 11.8 35.3

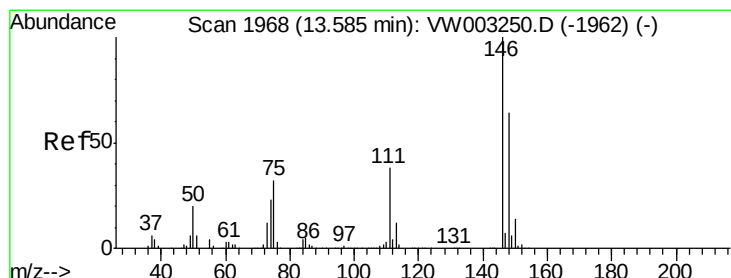
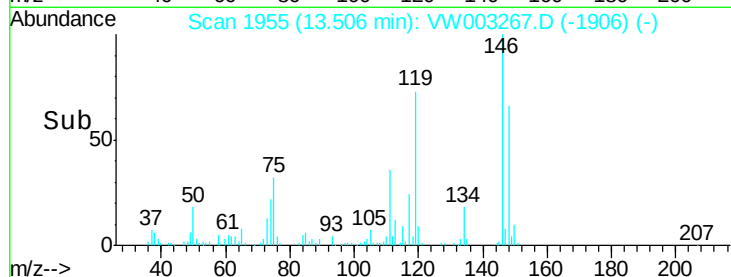
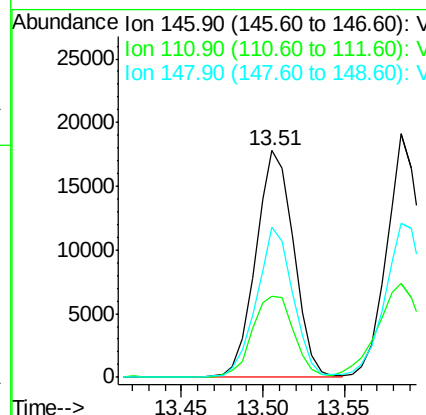
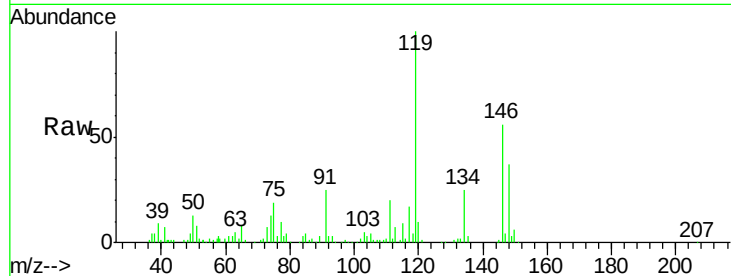




#87
 1,3-Dichlorobenzene
 Concen: 4.833 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

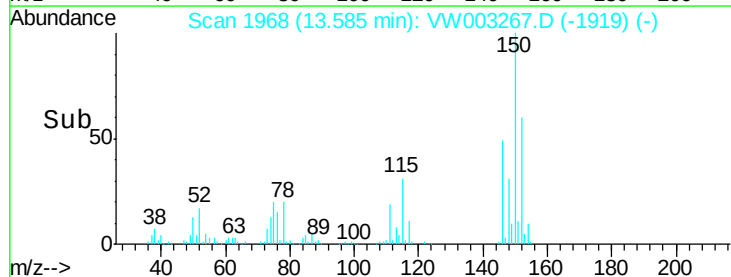
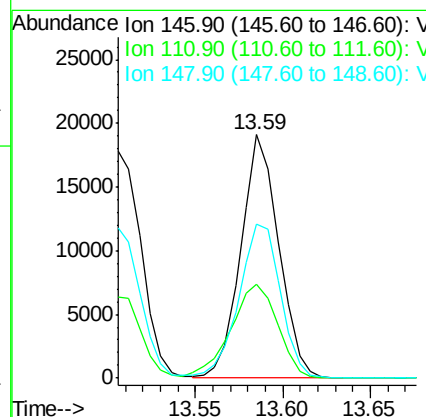
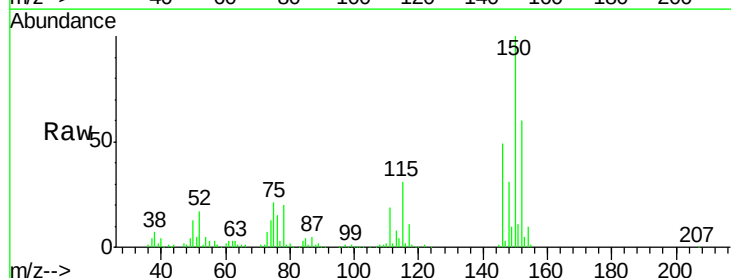
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

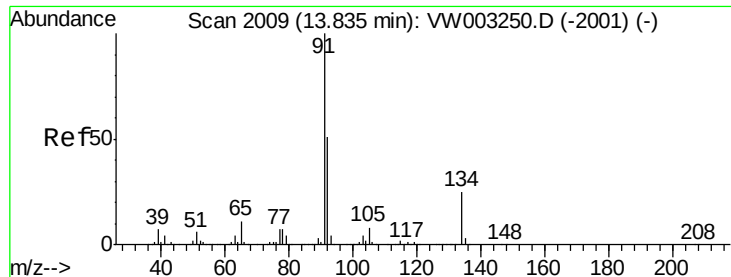
Tgt Ion:146 Resp: 28842
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.4
 148 63.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 4.849 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion:146 Resp: 28764
 Ion Ratio Lower Upper
 146 100
 111 47.7 19.2 57.6
 148 69.7 31.8 95.4





#89

n-Butylbenzene

Concen: 4.327 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003267.D

Acq: 14 Jun 2018 21:24

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-2

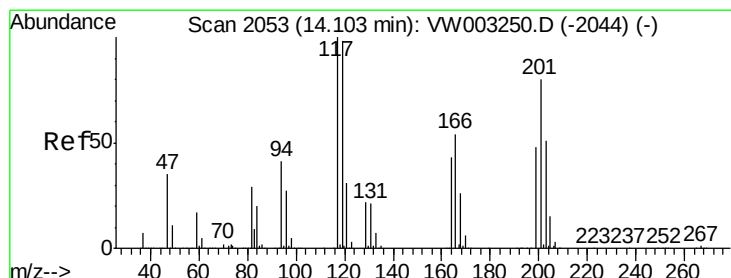
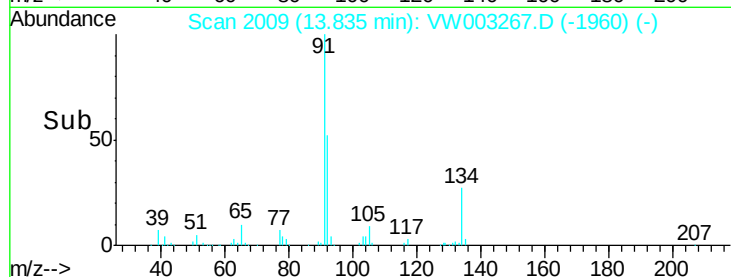
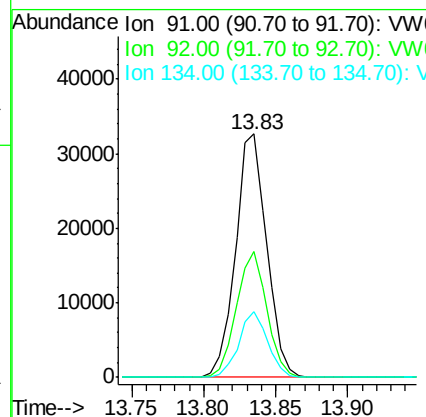
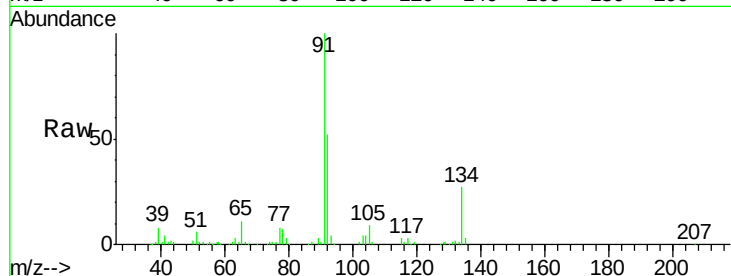
Tgt Ion: 91 Resp: 49341

Ion Ratio Lower Upper

91 100

92 50.4 26.0 78.0

134 25.1 12.7 38.0



#90

Hexachloroethane

Concen: 4.583 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003267.D

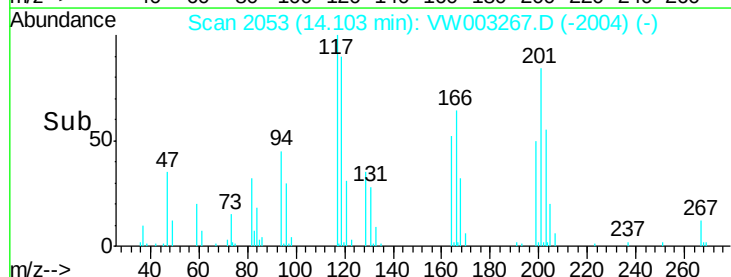
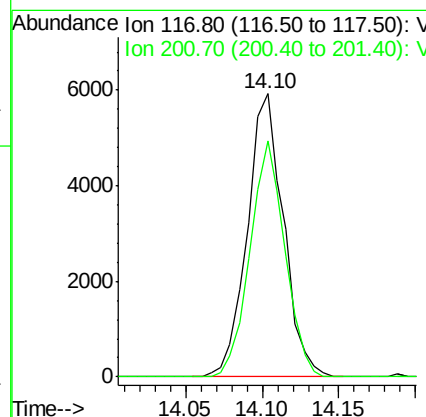
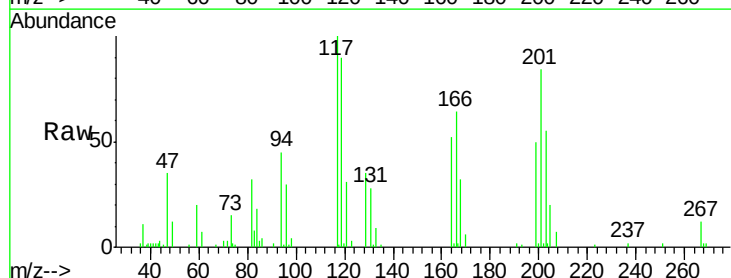
Acq: 14 Jun 2018 21:24

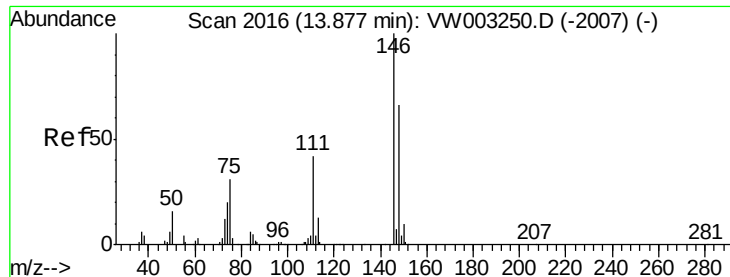
Tgt Ion: 117 Resp: 9697

Ion Ratio Lower Upper

117 100

201 80.5 39.5 118.5

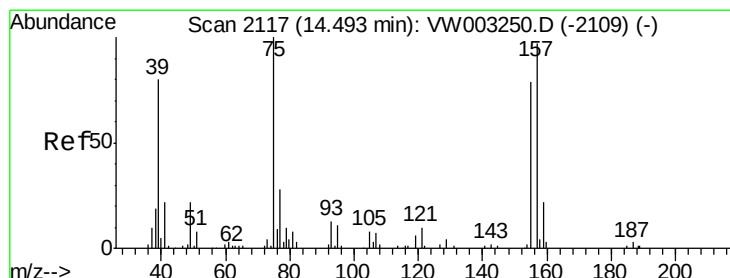
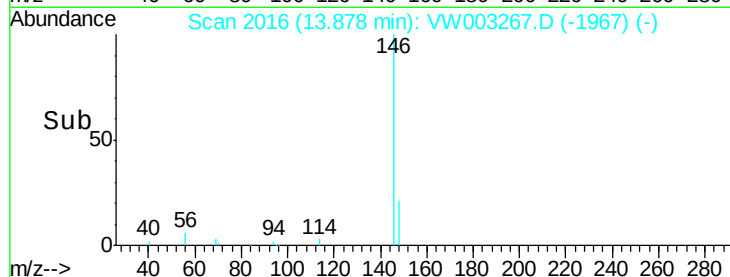
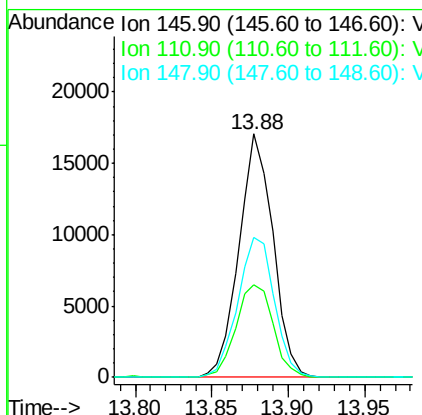
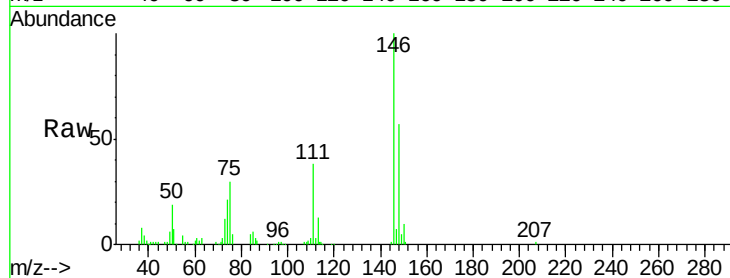




#91
 1,2-Dichlorobenzene
 Concen: 5.042 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

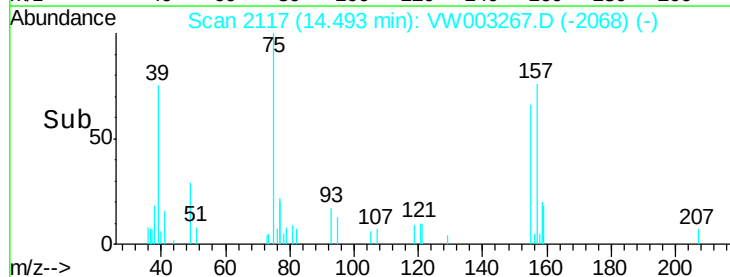
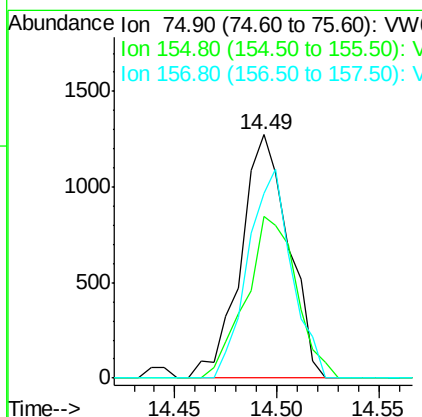
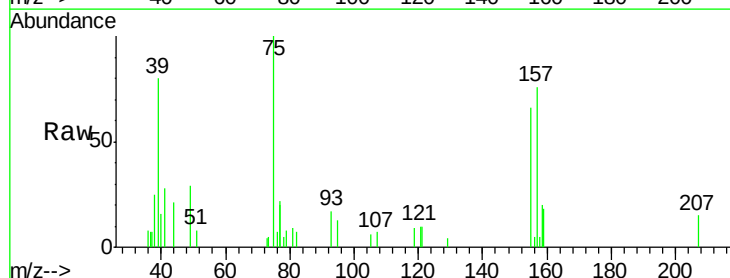
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

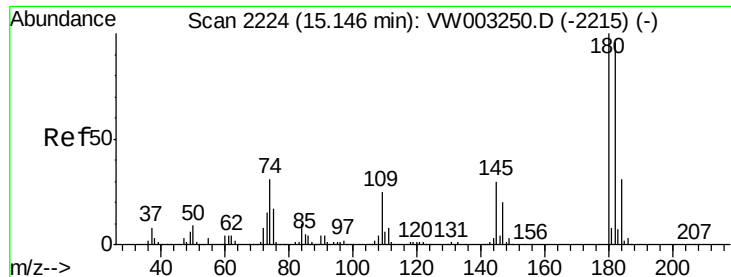
Tgt Ion: 146 Resp: 26358
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 61.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.860 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion: 75 Resp: 2081
 Ion Ratio Lower Upper
 75 100
 155 69.8 39.4 118.2
 157 78.3 51.5 154.5

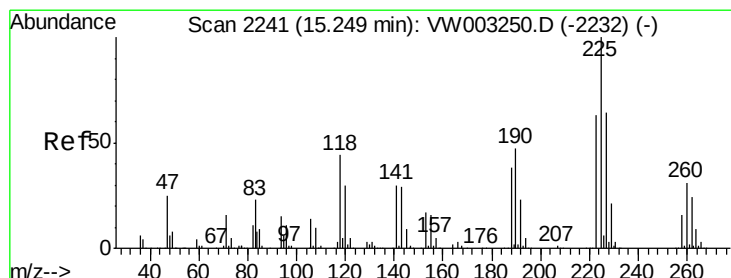
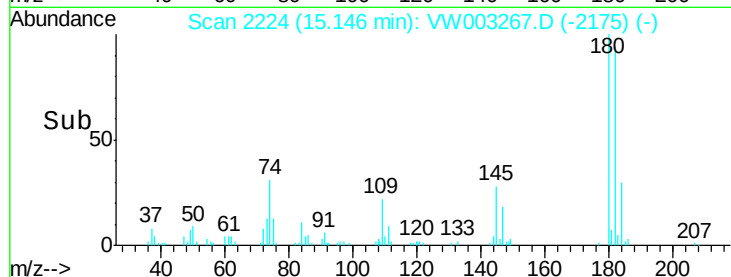
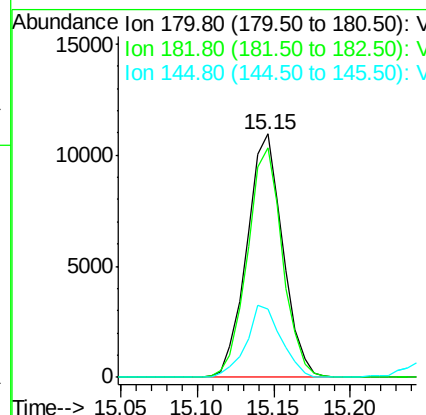
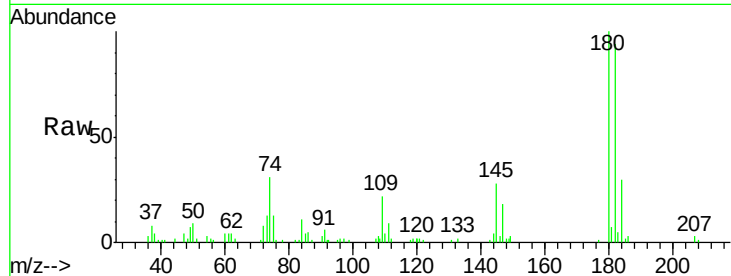




#93
 1,2,4-Trichlorobenzene
 Concen: 4.862 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

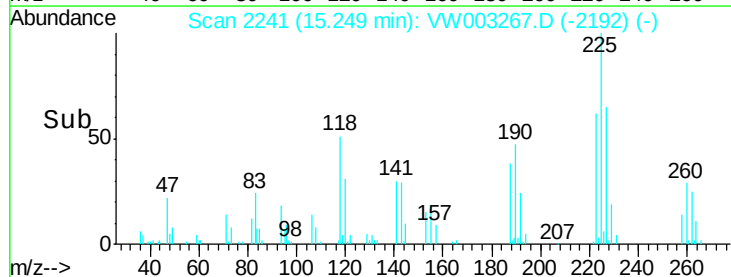
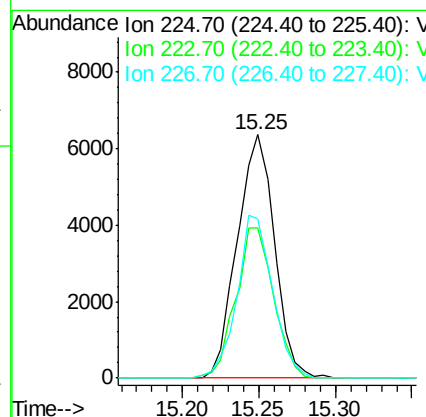
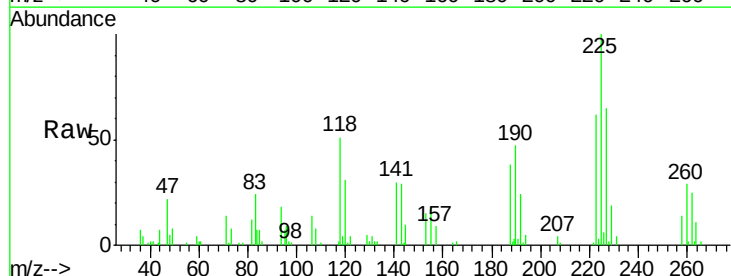
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-2

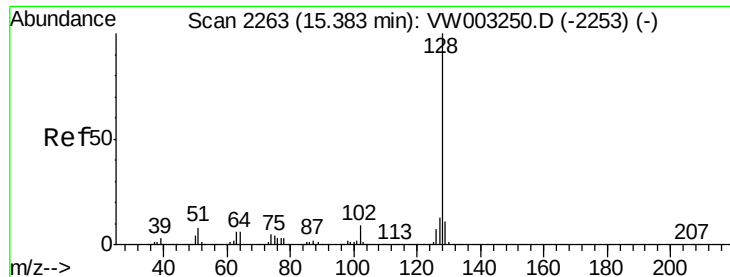
Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.2	47.9	143.6
145	28.9	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 4.867 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003267.D
 Acq: 14 Jun 2018 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	30.6	92.0
227	64.0	31.7	95.1

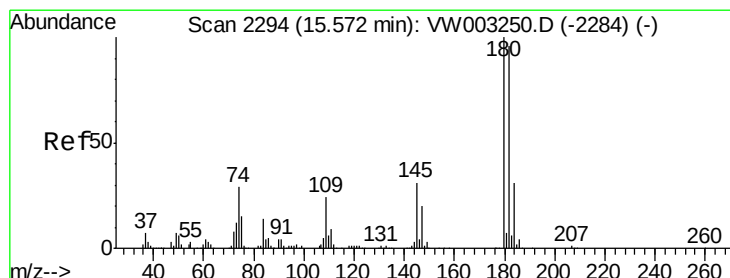
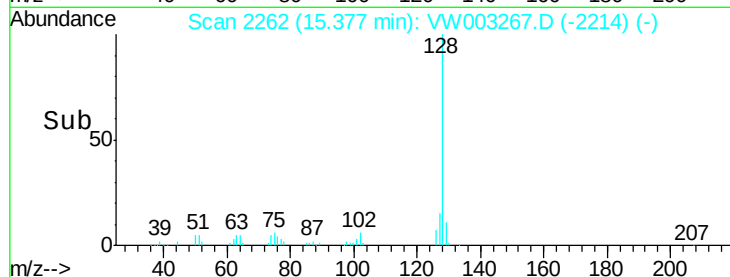
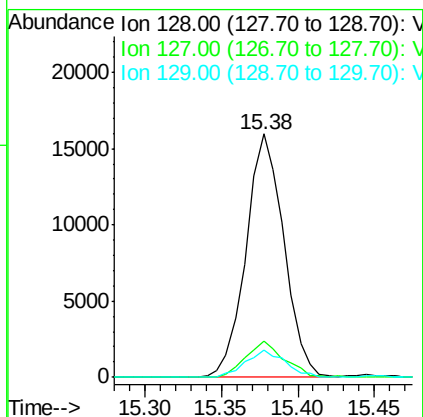
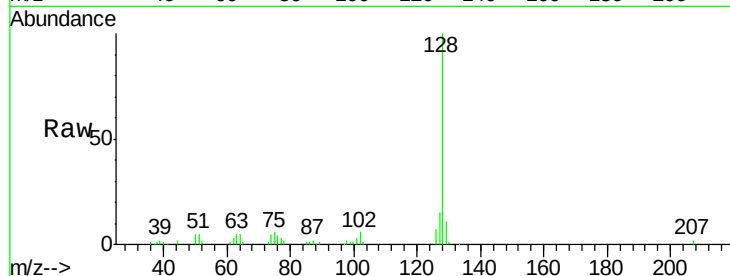




#95
Naphthalene
Concen: 4.410 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-2

Tgt Ion:128 Resp: 27450
Ion Ratio Lower Upper
128 100
127 15.3 10.5 15.7
129 11.8 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 4.691 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003267.D
Acq: 14 Jun 2018 21:24

Tgt Ion:180 Resp: 15151
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.6
145 32.7 15.8 47.4

