

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW061518\
 Data File : VW003269.D
 Acq On : 14 Jun 2018 22:16
 Operator : VA/AP
 Sample : J2923-04
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Quant Time: Jun 15 06:47:45 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	231345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	370304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	345087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	181369	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	13869	5.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.06%	
35) Dibromofluoromethane	7.89	113	12335	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
50) Toluene-d8	10.33	98	44492	4.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.76%	
62) 4-Bromofluorobenzene	12.63	95	14791	4.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.16%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.00	85	2504	3.580 ug/l	87
3) Chloromethane	2.21	50	10709	6.060 ug/l	96
4) Vinyl Chloride	2.36	62	14618	5.674 ug/l	96
5) Bromomethane	2.78	94	10326	6.031 ug/l	94
6) Chloroethane	2.92	64	9960	5.554 ug/l	95
7) Trichlorofluoromethane	3.25	101	7899	5.118 ug/l	92
8) Diethyl Ether	3.68	74	6868	6.058 ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11511	5.371 ug/l	97
10) Methyl Iodide	4.26	142	17538	5.411 ug/l	100
11) Tert butyl alcohol	5.24	59	4574	34.035 ug/l #	95
12) 1,1-Dichloroethene	4.03	96	11735	5.603 ug/l	98
13) Acrolein	3.89	56	5352	27.855 ug/l	92
14) Allyl chloride	4.66	41	18774	5.175 ug/l	97
15) Acrylonitrile	5.38	53	13394	28.715 ug/l	98
16) Acetone	4.15	43	15645	29.769 ug/l	93
17) Carbon Disulfide	4.37	76	35752	5.774 ug/l #	93
18) Methyl Acetate	4.67	43	9083	7.285 ug/l	97
19) Methyl tert-butyl Ether	5.43	73	20604	5.253 ug/l	98
20) Methylene Chloride	4.91	84	19084	5.264 ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	12260	5.379 ug/l #	77
22) Diisopropyl ether	6.32	45	35143	4.814 ug/l	97
23) Vinyl Acetate	6.26	43	91002	21.630 ug/l	99
24) 1,1-Dichloroethane	6.21	63	23267	5.368 ug/l	97
25) 2-Butanone	7.19	43	17893	27.380 ug/l	96
26) 2,2-Dichloropropane	7.17	77	15486	5.354 ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	13764	5.497 ug/l	96
28) Bromochloromethane	7.51	49	9450	5.240 ug/l	97
29) Tetrahydrofuran	7.54	42	10549	26.412 ug/l	96
30) Chloroform	7.68	83	23818	5.394 ug/l	95
31) Cyclohexane	7.95	56	23788	5.875 ug/l #	79
32) 1,1,1-Trichloroethane	7.87	97	19002	5.214 ug/l	98
36) 1,1-Dichloropropene	8.09	75	17742	4.961 ug/l	99
37) Ethyl Acetate	7.27	43	7932	5.354 ug/l	96
38) Carbon Tetrachloride	8.07	117	17230	4.912 ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	19475	4.706	ug/l	94
40) Benzene	8.33	78	52122	5.288	ug/l	99
41) Methacrylonitrile	7.49	41	4205	4.625	ug/l #	92
42) 1,2-Dichloroethane	8.40	62	16764	5.428	ug/l	99
43) Isopropyl Acetate	8.43	43	15030	5.109	ug/l	95
44) Trichloroethene	9.09	130	13569	5.195	ug/l	92
45) 1,2-Dichloropropane	9.37	63	12786	5.094	ug/l	96
46) Dibromomethane	9.46	93	6819	5.307	ug/l	99
47) Bromodichloromethane	9.65	83	16614	5.044	ug/l	95
48) Methyl methacrylate	9.45	41	6590	4.767	ug/l	94
49) 1,4-Dioxane	9.49	88	1899	97.877	ug/l #	86
51) 4-Methyl-2-Pentanone	10.22	43	37293	24.879	ug/l	98
52) Toluene	10.39	92	30731	4.862	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	15864	4.715	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	18195	4.751	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	9597	5.300	ug/l	97
56) Ethyl methacrylate	10.65	69	9178	4.174	ug/l	88
57) 1,3-Dichloropropane	10.94	76	16376	5.244	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	24939	25.301	ug/l	97
59) 2-Hexanone	10.98	43	23511	22.452	ug/l	95
60) Dibromochloromethane	11.13	129	10735	4.985	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8665	5.059	ug/l	99
64) Tetrachloroethene	10.87	164	12093	5.239	ug/l	96
65) Chlorobenzene	11.66	112	36292	5.050	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	11807	4.675	ug/l	97
67) Ethyl Benzene	11.74	91	58400	4.585	ug/l	99
68) m/p-Xylenes	11.85	106	42502	8.777	ug/l	96
69) o-Xylene	12.17	106	20071	4.472	ug/l	100
70) Styrene	12.19	104	32390	4.336	ug/l	98
71) Bromoform	12.35	173	6341	4.845	ug/l #	98
73) Isopropylbenzene	12.47	105	55539	4.403	ug/l	100
74) N-amyl acetate	12.28	43	13345	4.648	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	11096	5.199	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14108	9.099	ug/l #	100
77) Bromobenzene	12.75	156	14186	4.829	ug/l	98
78) n-propylbenzene	12.81	91	67769	4.387	ug/l	99
79) 2-Chlorotoluene	12.90	91	39285	4.500	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	45726	4.318	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	2939	4.362	ug/l	90
82) 4-Chlorotoluene	12.99	91	43100	4.654	ug/l	98
83) tert-Butylbenzene	13.21	119	38660	4.284	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	47498	4.361	ug/l	100
85) sec-Butylbenzene	13.39	105	57674	4.300	ug/l	99
86) p-Isopropyltoluene	13.51	119	49264	4.164	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	29495	4.887	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	30233	5.039	ug/l	94
89) n-Butylbenzene	13.83	91	49850	4.323	ug/l	97
90) Hexachloroethane	14.10	117	10184	4.759	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	26515	5.015	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1961	5.460	ug/l	93

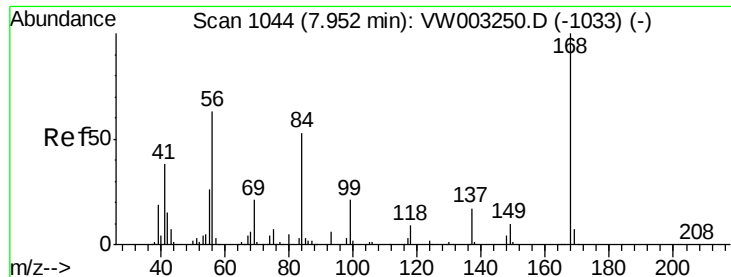
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	17593	4.740	ug/l	99
94) Hexachlorobutadiene	15.25	225	11031	4.941	ug/l	97
95) Naphthalene	15.38	128	27046	4.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	15988	4.894	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: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

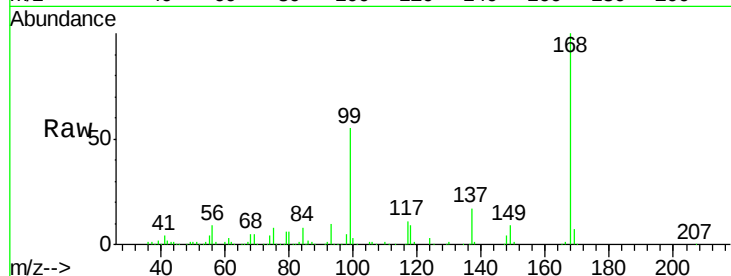
LOQ-SCM-Precision-Bias-4

Tgt Ion:168 Resp: 231345

Ion Ratio Lower Upper

168 100

99 55.1 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

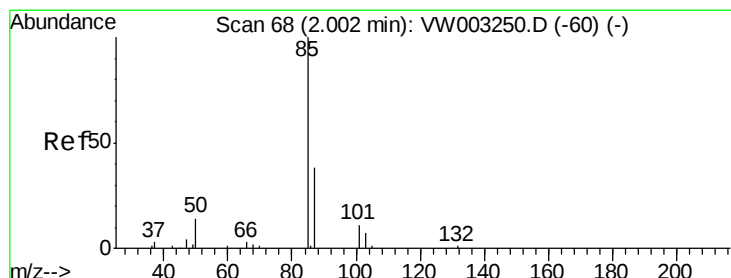
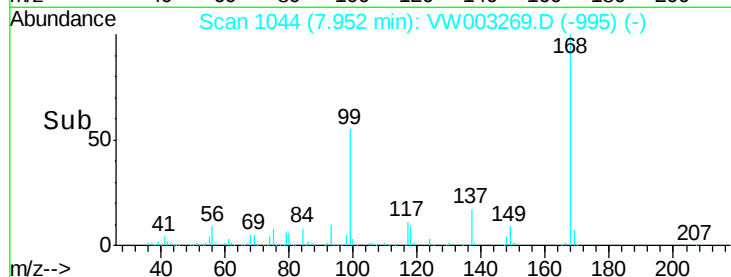
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.580 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003269.D

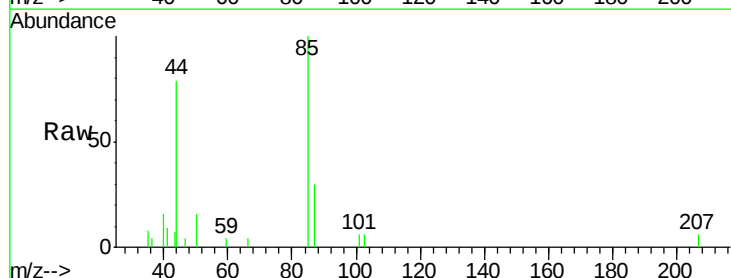
Acq: 14 Jun 2018 22:16

Tgt Ion: 85 Resp: 2504

Ion Ratio Lower Upper

85 100

87 29.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

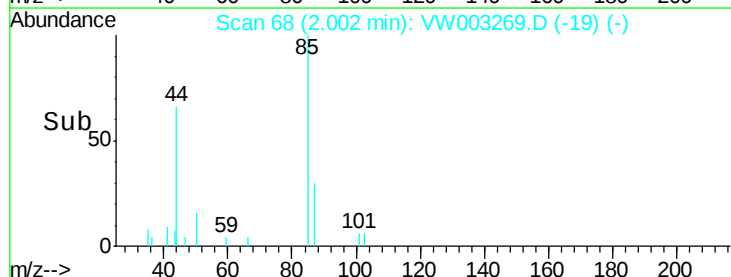
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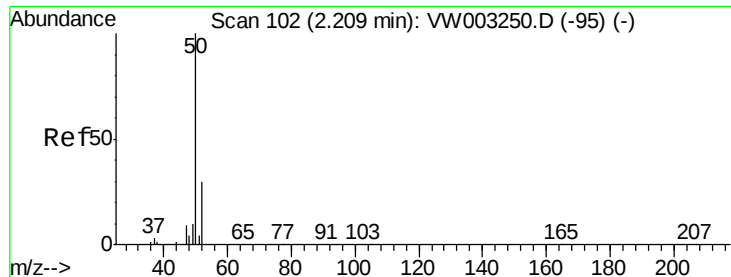
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.060 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

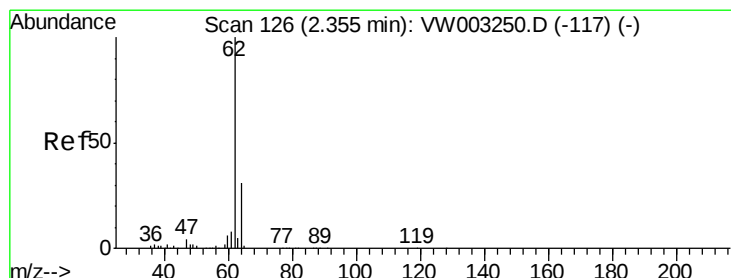
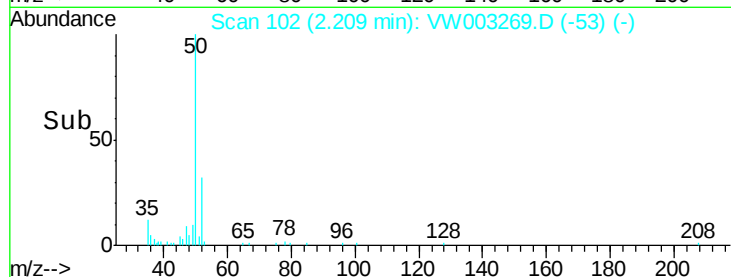
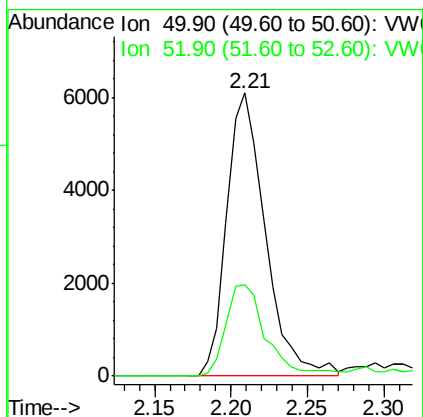
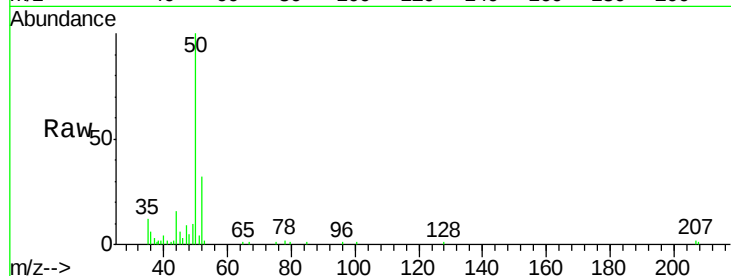
LOQ-SCM-Precision-Bias-4

Tgt Ion: 50 Resp: 10709

Ion Ratio Lower Upper

50 100

52 32.2 24.2 36.2



#4

Vinyl Chloride

Concen: 5.674 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003269.D

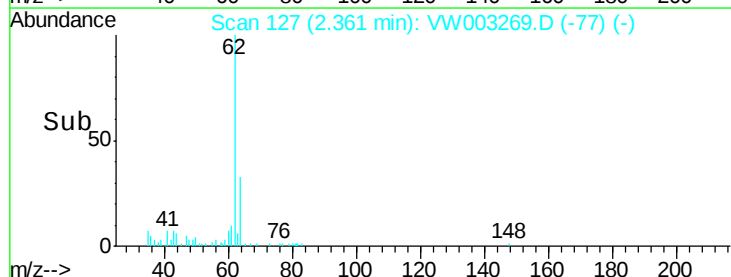
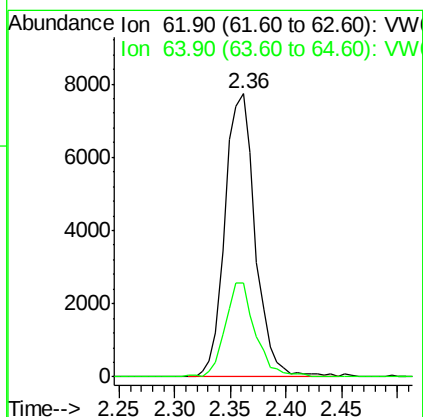
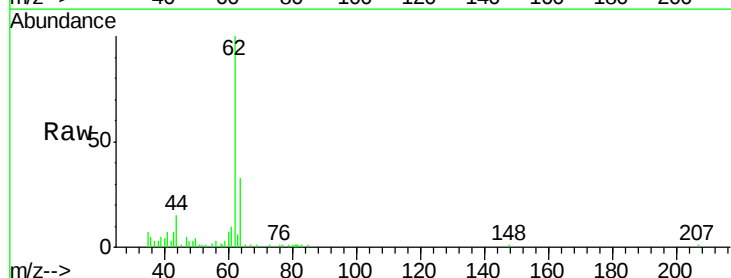
Acq: 14 Jun 2018 22:16

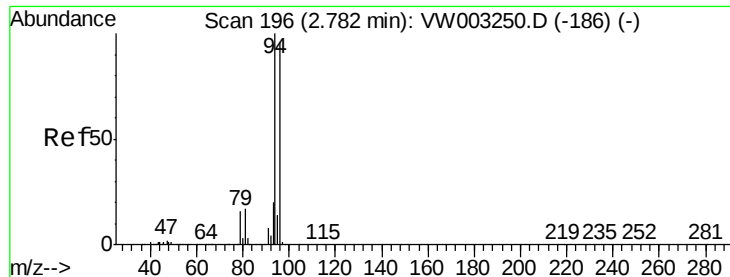
Tgt Ion: 62 Resp: 14618

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3





#5

Bromomethane

Concen: 6.031 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

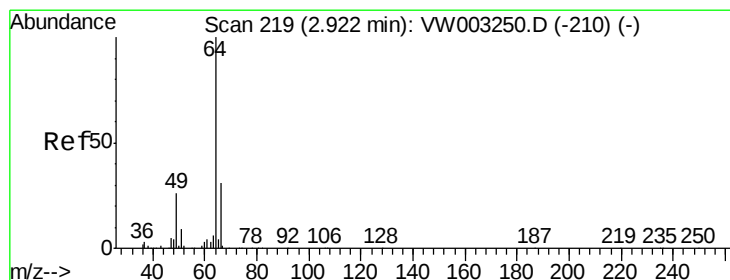
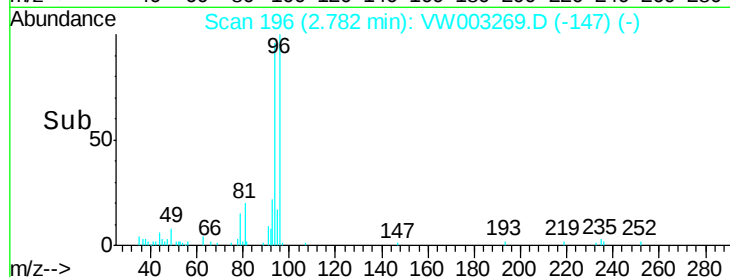
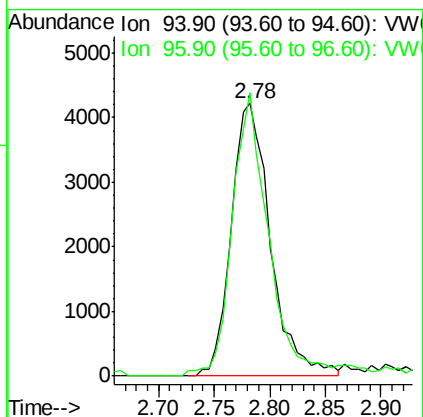
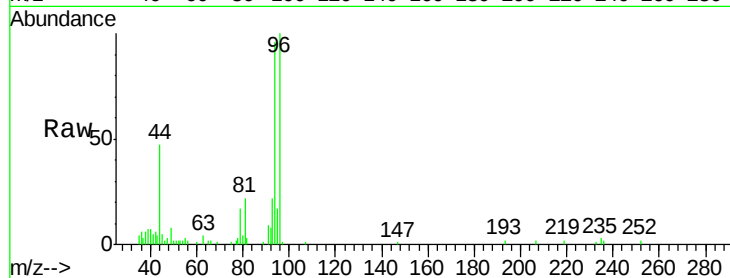
LOQ-SCM-Precision-Bias-4

Tgt Ion: 94 Resp: 10326

Ion Ratio Lower Upper

94 100

96 101.8 76.5 114.7



#6

Chloroethane

Concen: 5.554 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003269.D

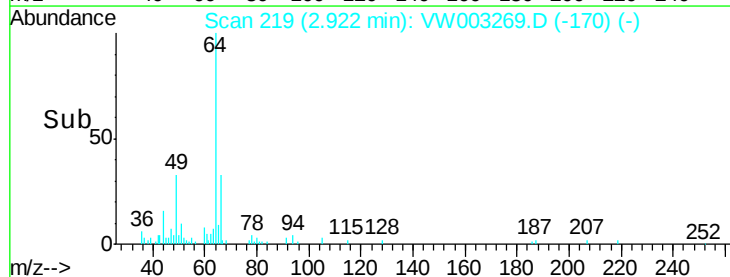
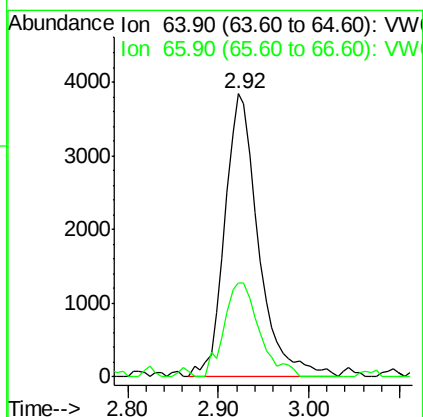
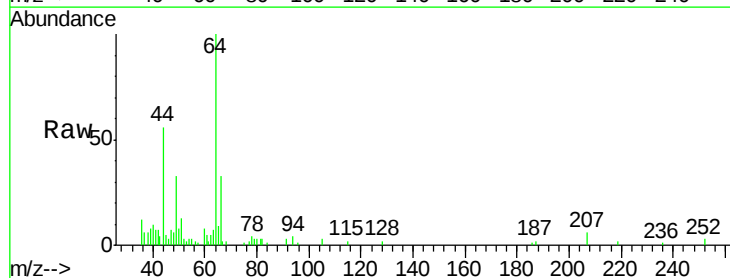
Acq: 14 Jun 2018 22:16

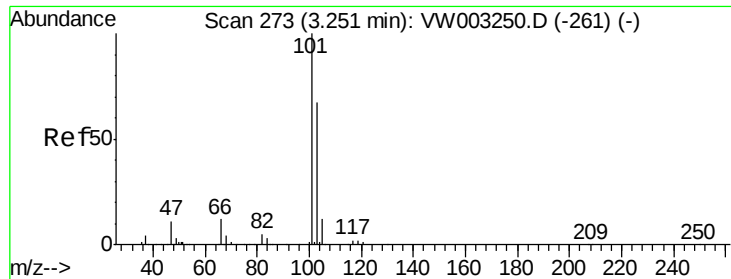
Tgt Ion: 64 Resp: 9960

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6



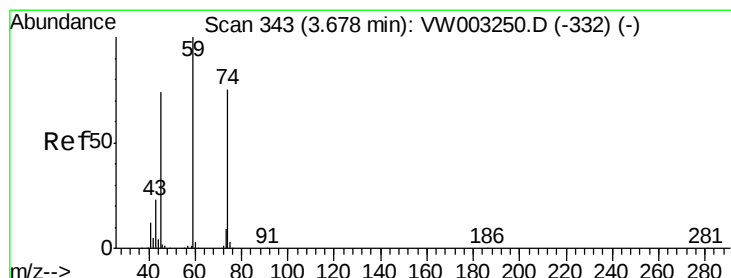
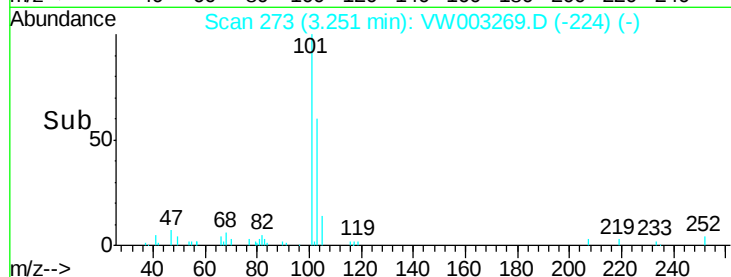
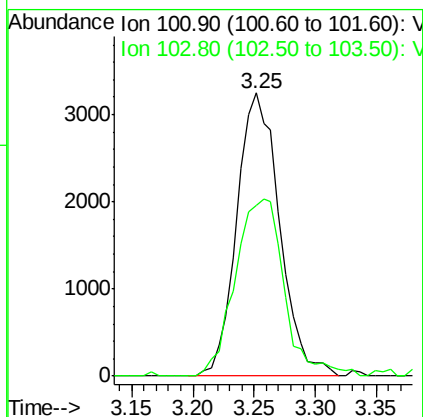
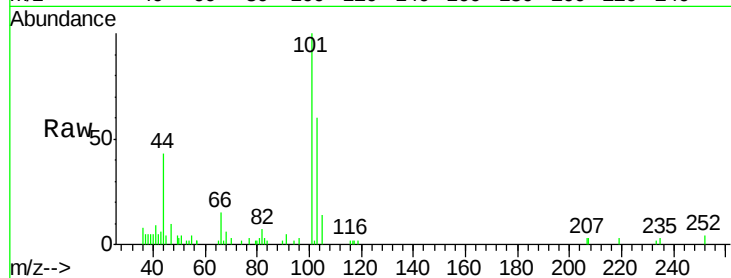


#7

Trichlorofluoromethane
Concen: 5.118 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003269.D
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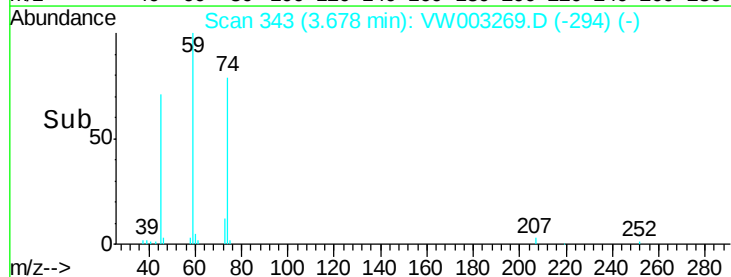
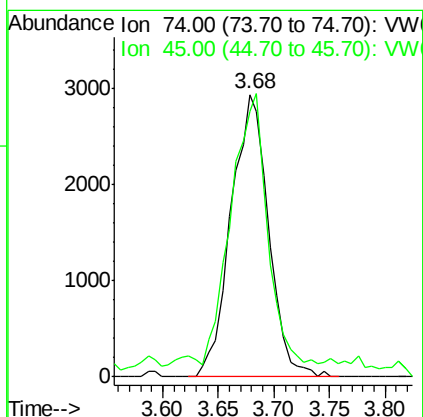
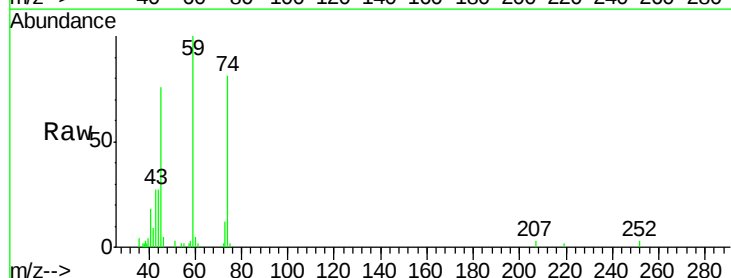
Tgt Ion: 101 Resp: 7899
Ion Ratio Lower Upper
101 100
103 60.3 53.4 80.0

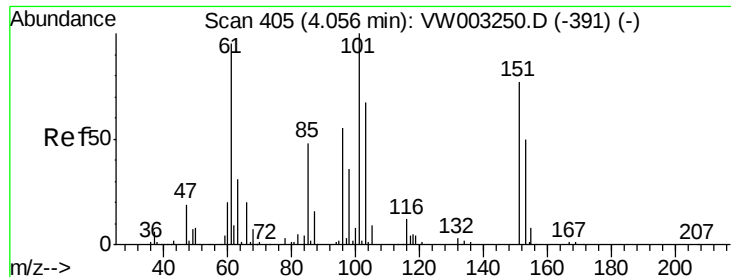


#8

Diethyl Ether
Concen: 6.058 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 74 Resp: 6868
Ion Ratio Lower Upper
74 100
45 92.7 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.371 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

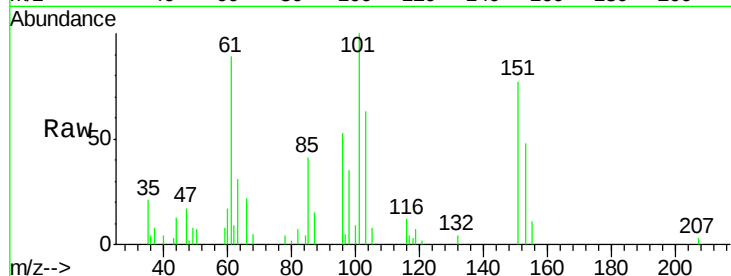
Tgt Ion:101 Resp: 11511

Ion Ratio Lower Upper

101 100

85 47.6 37.0 55.6

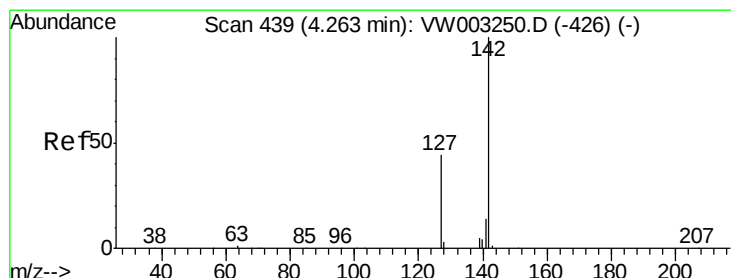
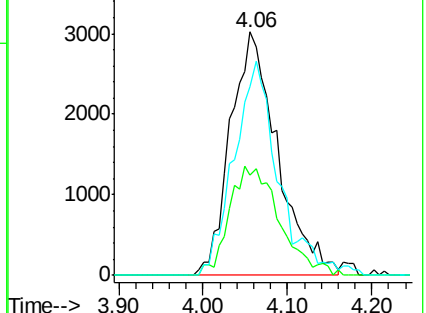
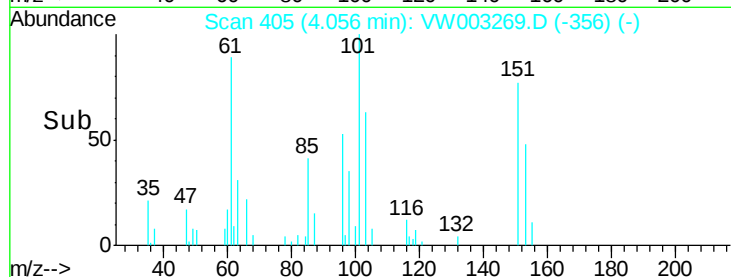
151 75.9 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.411 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

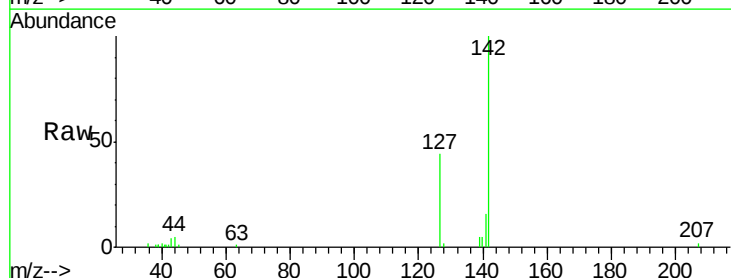
Tgt Ion:142 Resp: 17538

Ion Ratio Lower Upper

142 100

127 45.8 36.5 54.7

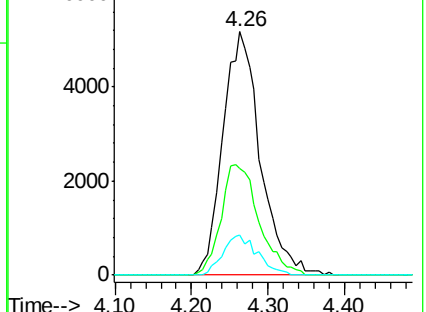
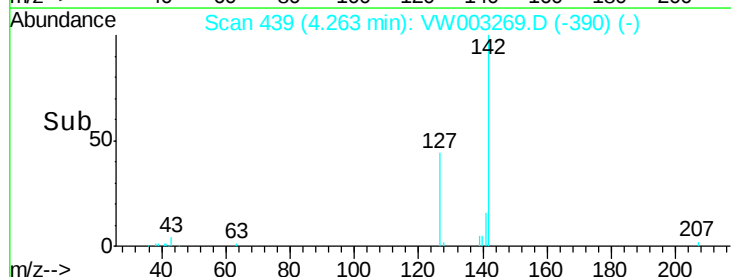
141 15.0 12.1 18.1

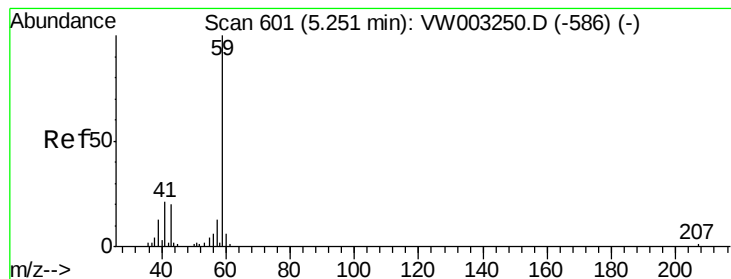


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



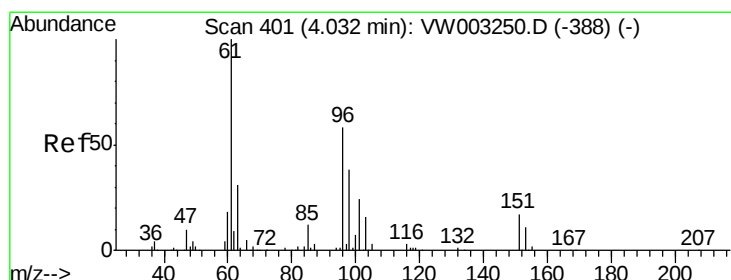
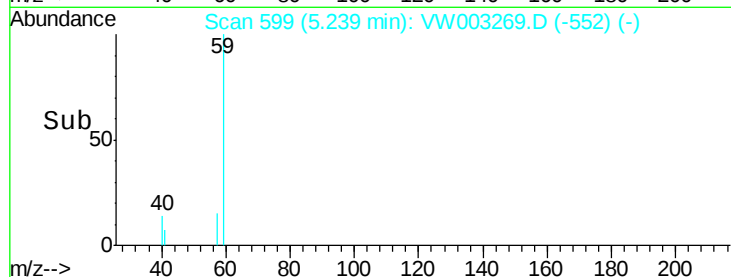
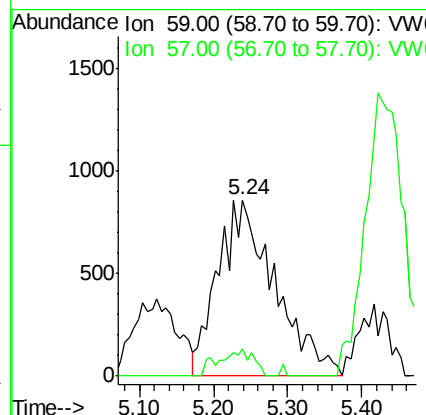
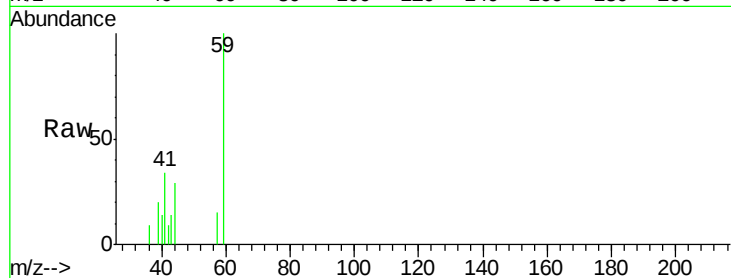


#11

Tert butyl alcohol
Concen: 34.035 ug/l
RT: 5.24 min Scan# 599
Delta R.T. -0.01 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

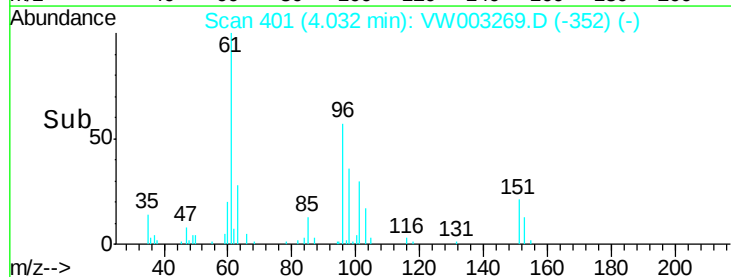
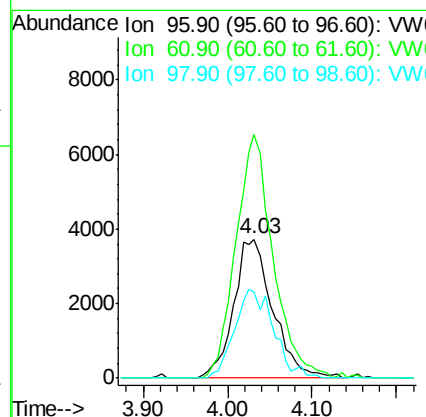
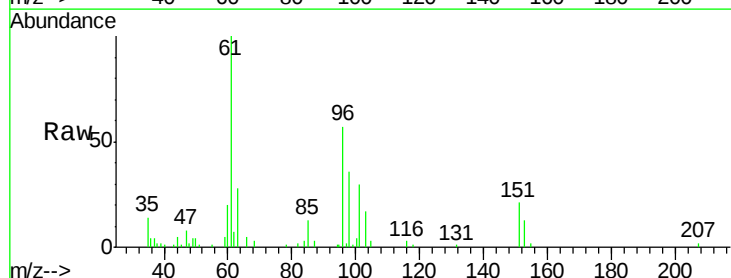
Tgt Ion: 59 Resp: 4574
Ion Ratio Lower Upper
59 100
57 6.8 4.2 6.2#

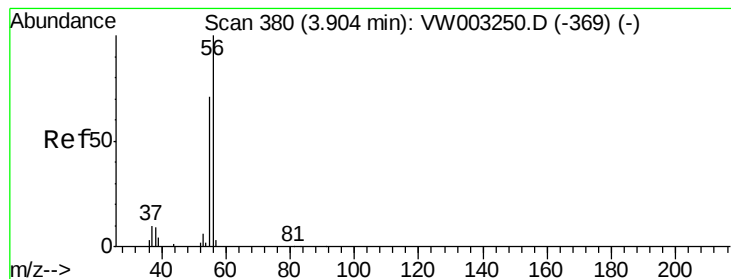


#12

1,1-Dichloroethene
Concen: 5.603 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 96 Resp: 11735
Ion Ratio Lower Upper
96 100
61 175.3 139.0 208.4
98 62.3 53.3 79.9





#13

Acrolein

Concen: 27.855 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

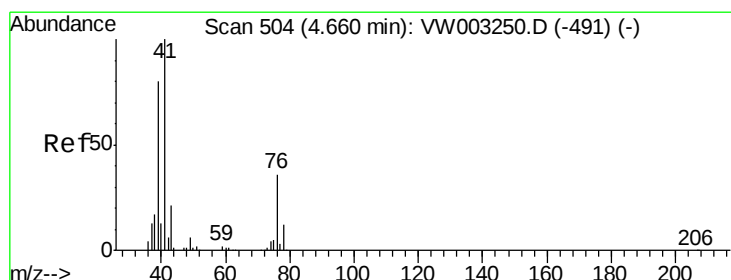
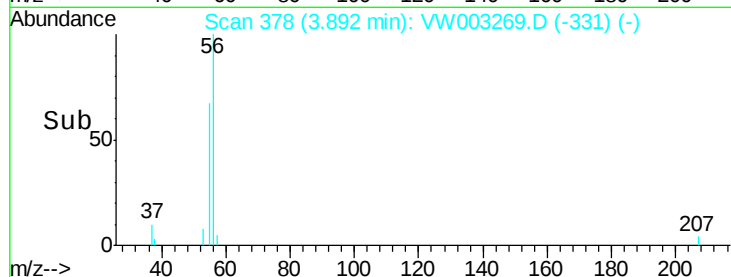
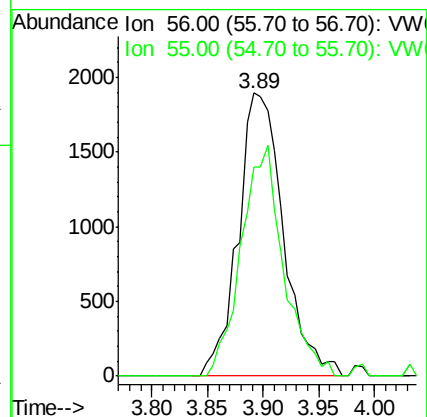
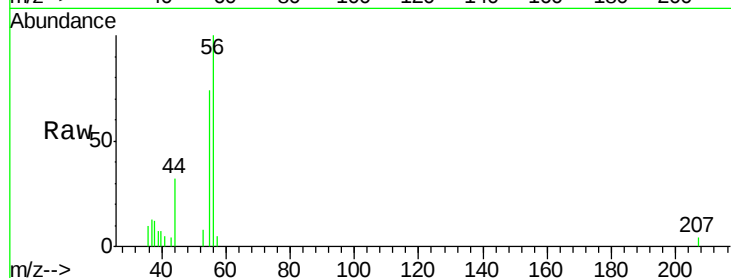
LOQ-SCM-Precision-Bias-4

Tgt Ion: 56 Resp: 5352

Ion Ratio Lower Upper

56 100

55 75.7 55.4 83.2



#14

Allyl chloride

Concen: 5.175 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

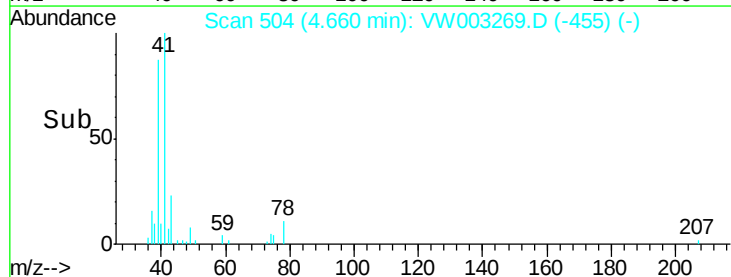
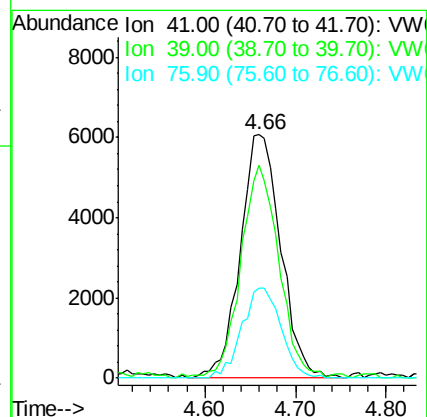
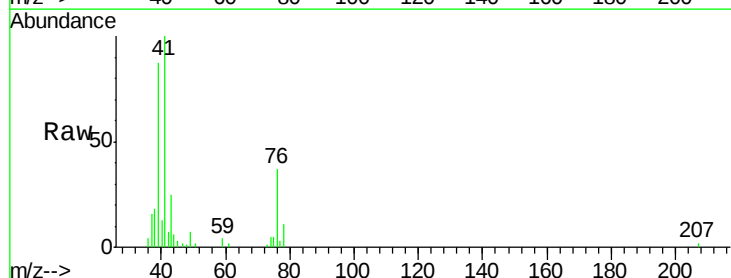
Tgt Ion: 41 Resp: 18774

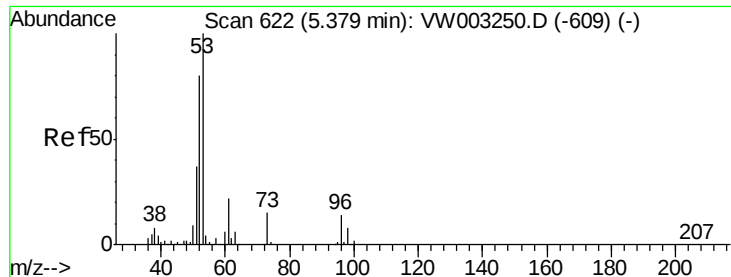
Ion Ratio Lower Upper

41 100

39 82.7 63.2 94.8

76 35.8 28.0 42.0





#15

Acrylonitrile

Concen: 28.715 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

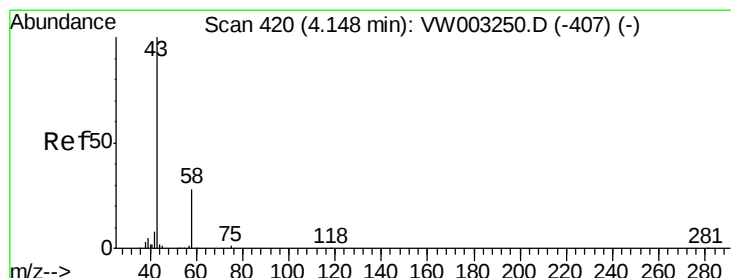
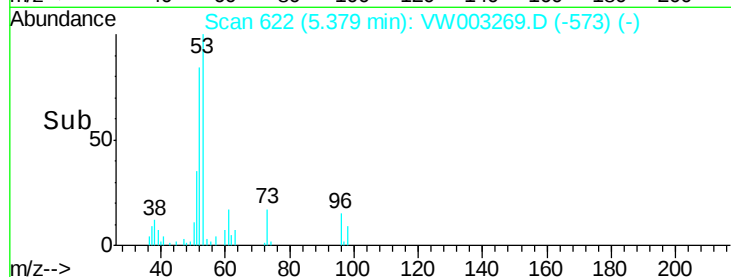
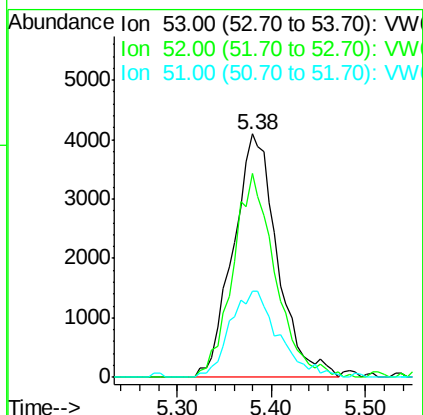
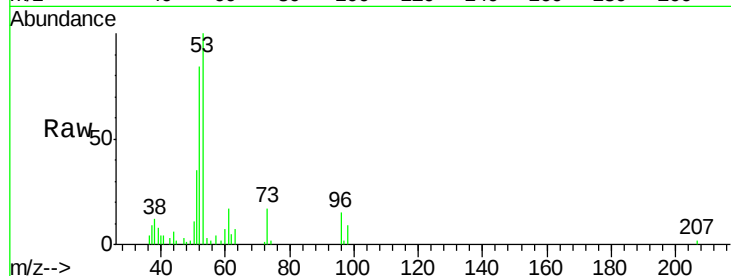
Tgt Ion: 53 Resp: 13394

Ion Ratio Lower Upper

53 100

52 80.8 66.6 100.0

51 39.0 30.6 46.0



#16

Acetone

Concen: 29.769 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003269.D

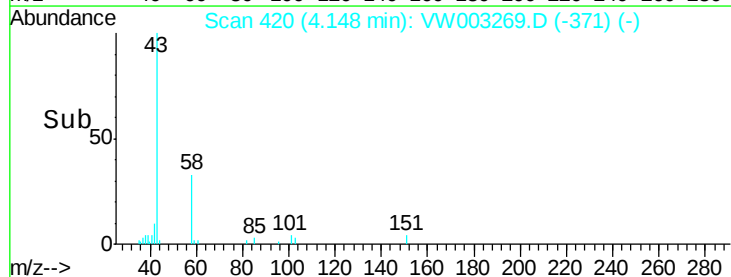
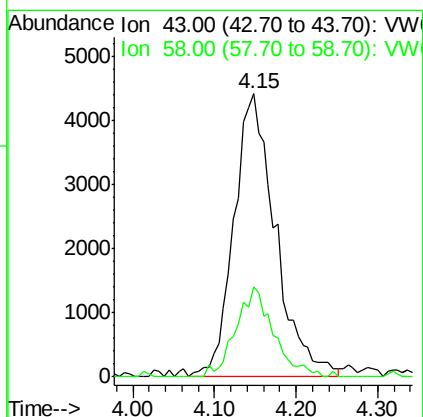
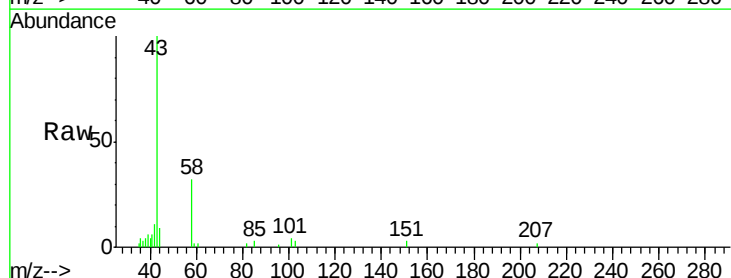
Acq: 14 Jun 2018 22:16

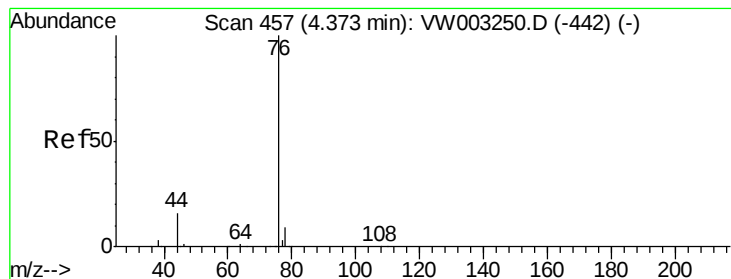
Tgt Ion: 43 Resp: 15645

Ion Ratio Lower Upper

43 100

58 32.0 22.6 34.0





#17

Carbon Disulfide

Concen: 5.774 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

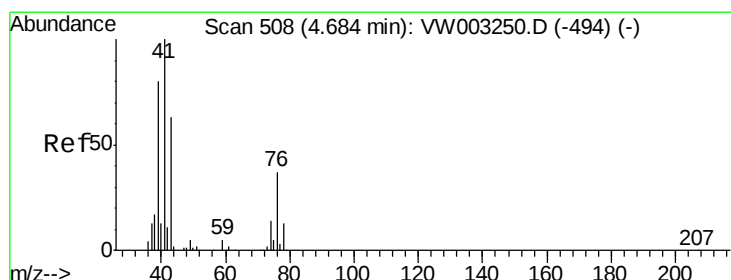
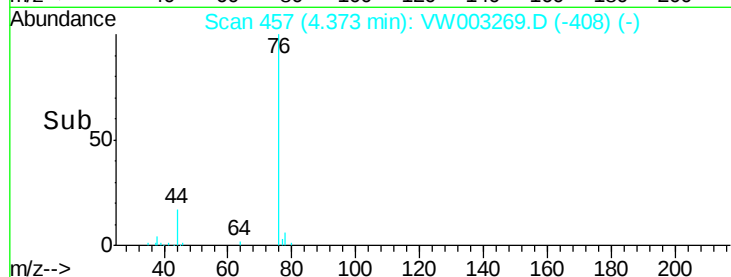
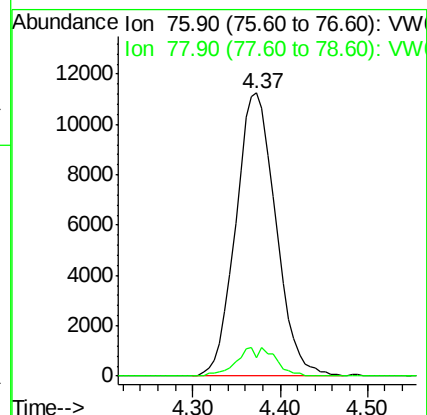
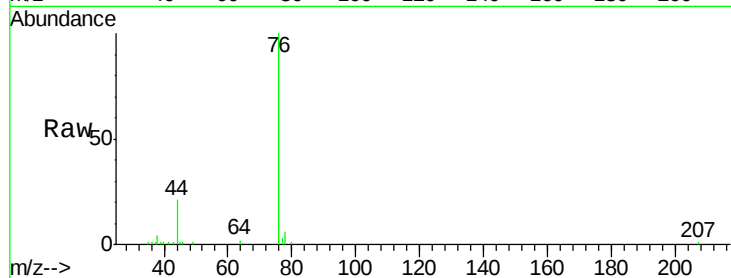
LOQ-SCM-Precision-Bias-4

Tgt Ion: 76 Resp: 35752

Ion Ratio Lower Upper

76 100

78 6.3 7.1 10.7#



#18

Methyl Acetate

Concen: 7.285 ug/l

RT: 4.67 min Scan# 506

Delta R.T. -0.01 min

Lab File: VW003269.D

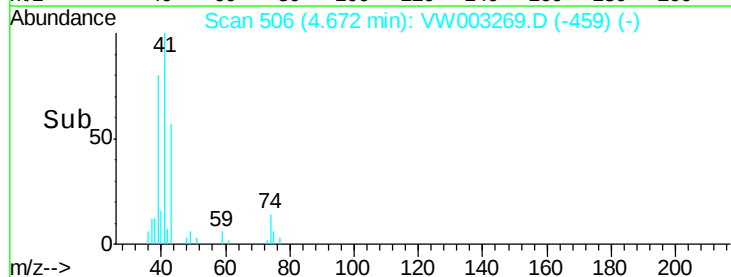
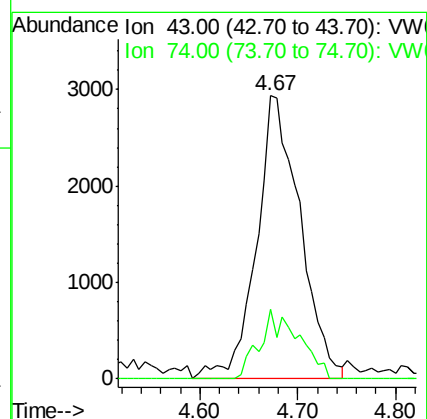
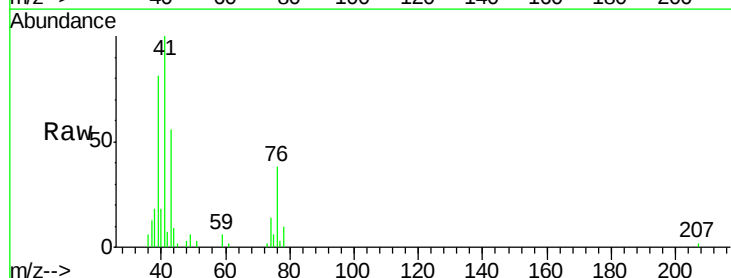
Acq: 14 Jun 2018 22:16

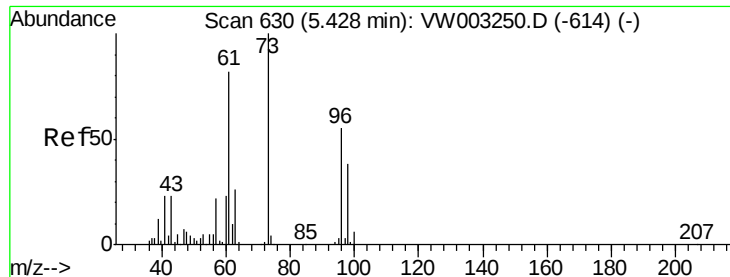
Tgt Ion: 43 Resp: 9083

Ion Ratio Lower Upper

43 100

74 21.9 18.7 28.1

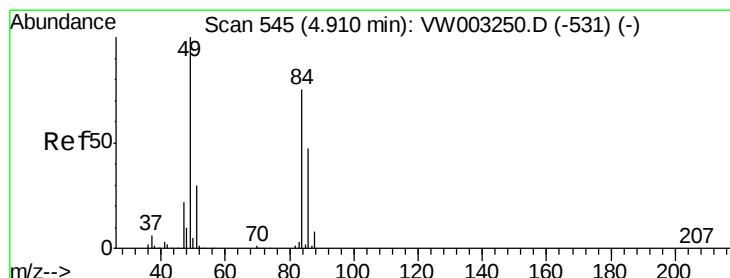
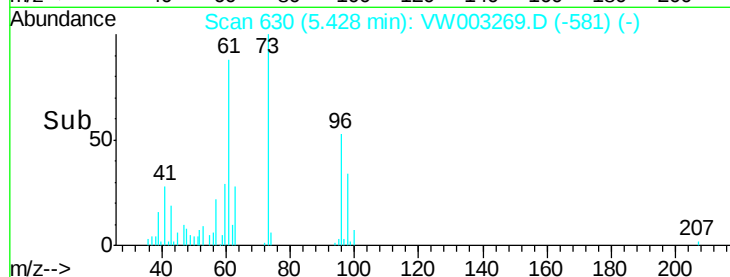
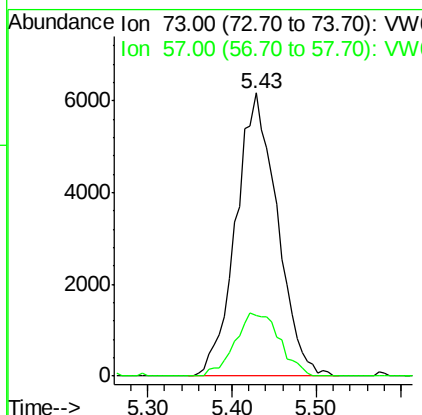
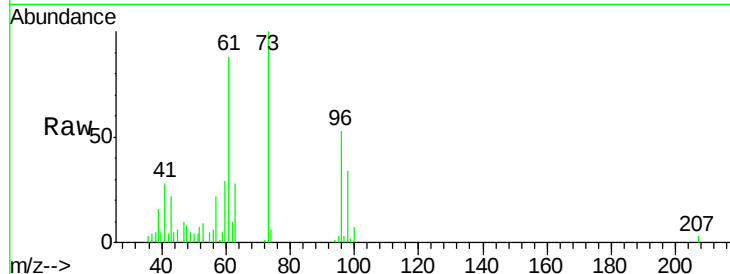




#19
Methyl tert-butyl Ether
Concen: 5.253 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

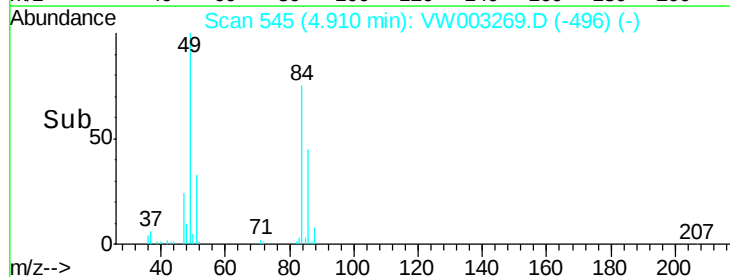
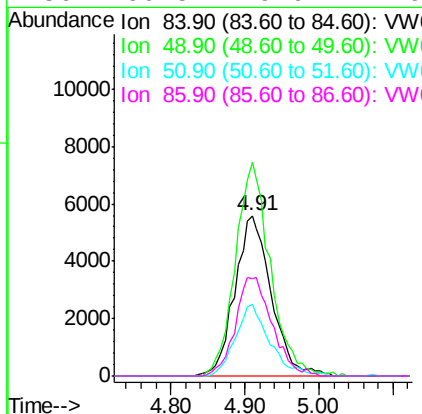
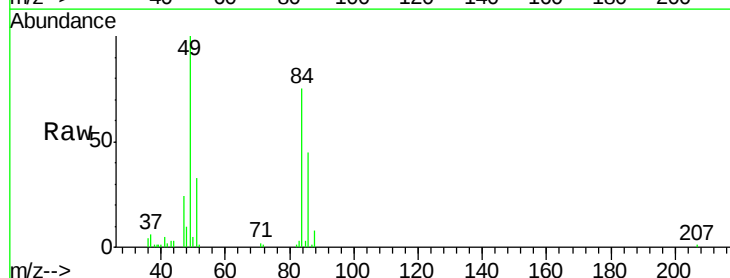
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

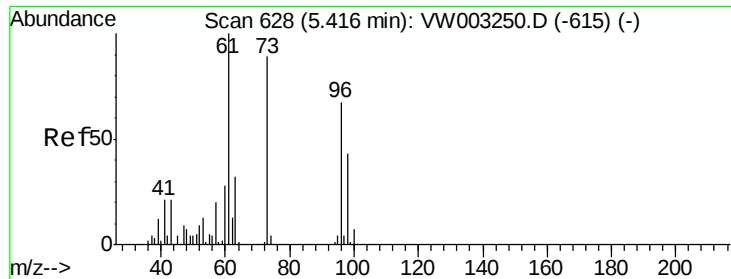
Tgt Ion: 73 Resp: 20604
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 5.264 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 84 Resp: 19084
Ion Ratio Lower Upper
84 100
49 133.4 106.3 159.5
51 44.6 32.0 48.0
86 60.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.379 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

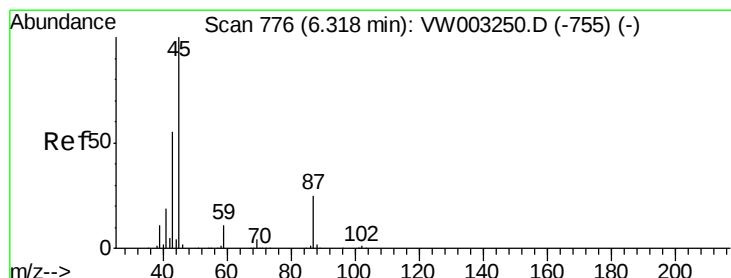
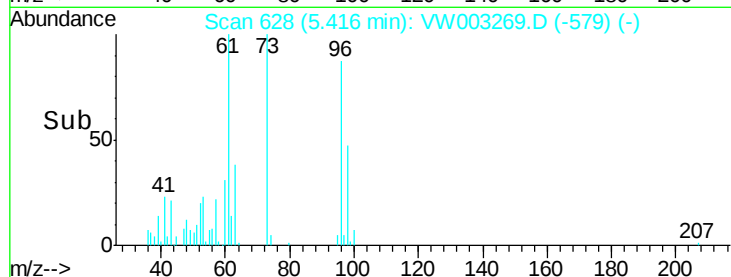
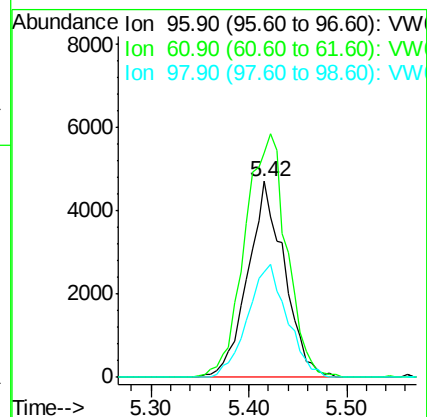
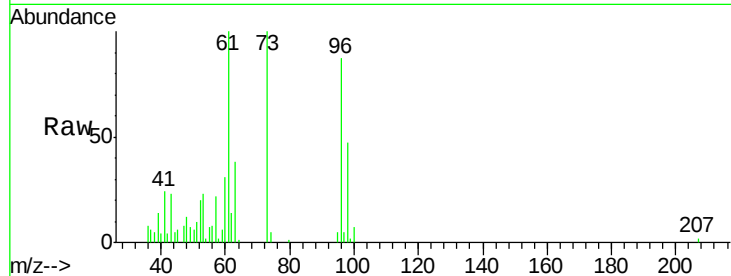
Tgt Ion: 96 Resp: 12260

Ion Ratio Lower Upper

96 100

61 114.7 118.7 178.1#

98 53.6 51.0 76.6



#22

Diisopropyl ether

Concen: 4.814 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Tgt Ion: 45 Resp: 35143

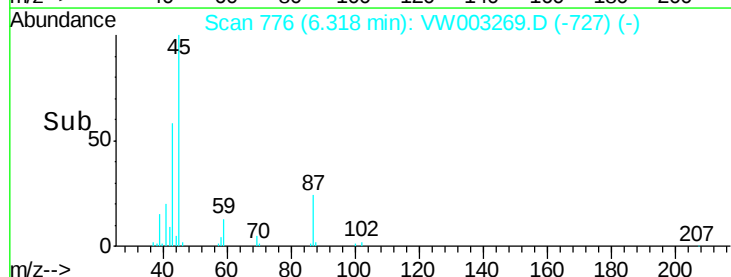
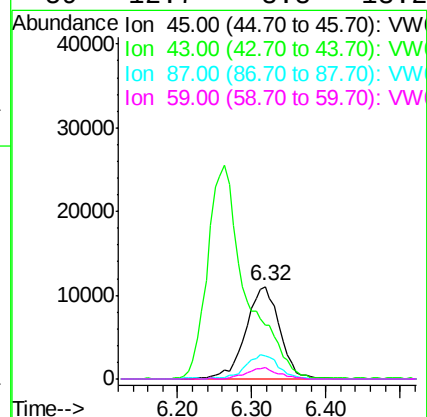
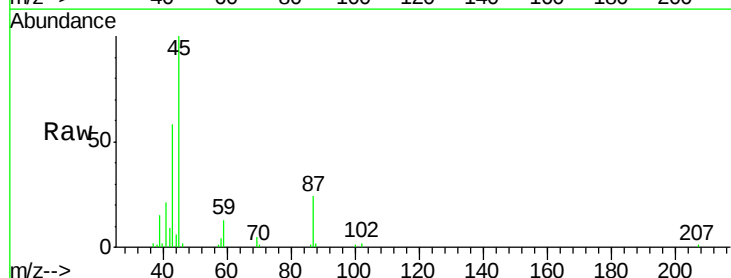
Ion Ratio Lower Upper

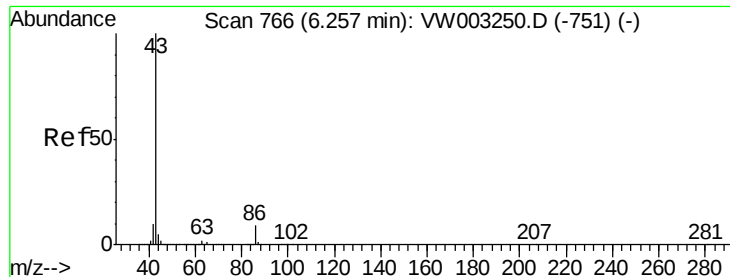
45 100

43 57.4 44.0 66.0

87 24.3 20.6 31.0

59 12.7 8.8 13.2

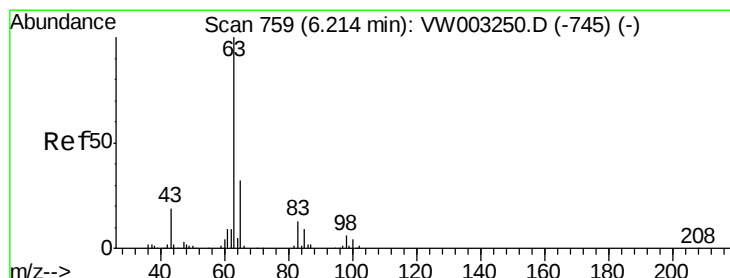
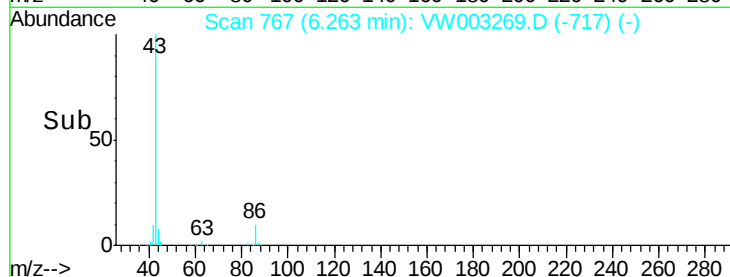
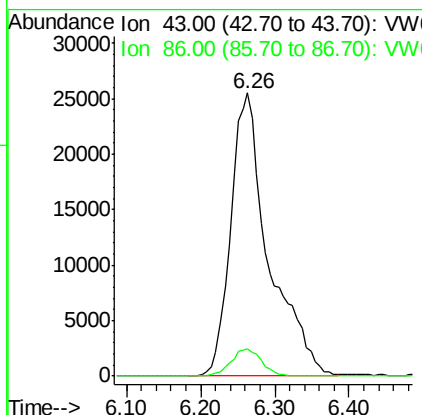
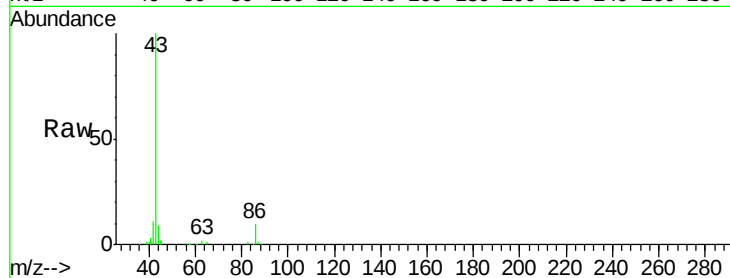




#23
 Vinyl Acetate
 Concen: 21.630 ug/l
 RT: 6.26 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

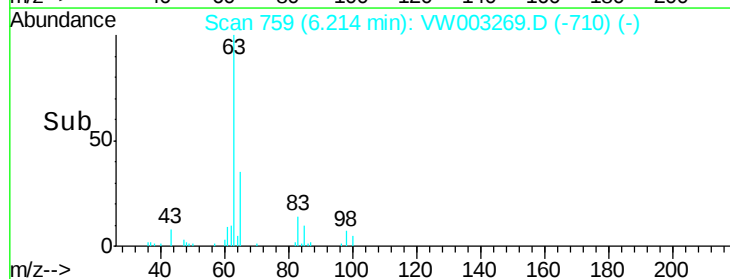
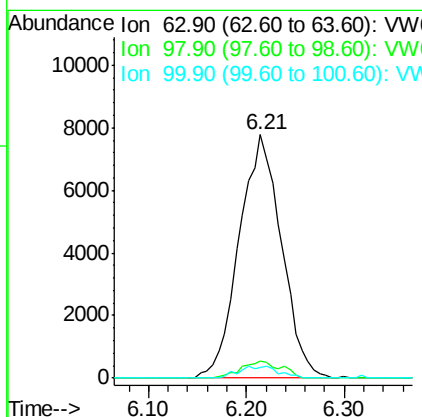
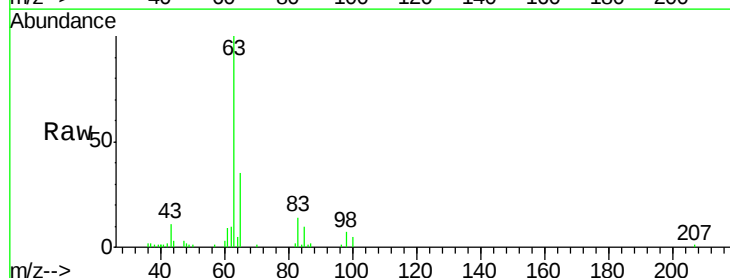
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

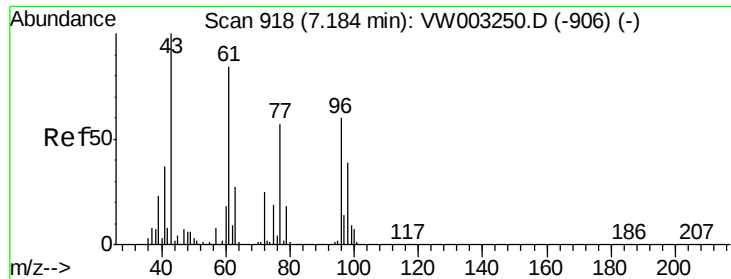
Tgt Ion: 43 Resp: 91002
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 5.368 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 63 Resp: 23267
 Ion Ratio Lower Upper
 63 100
 98 7.0 2.8 8.3
 100 4.5 2.1 6.5





#25

2-Butanone

Concen: 27.380 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

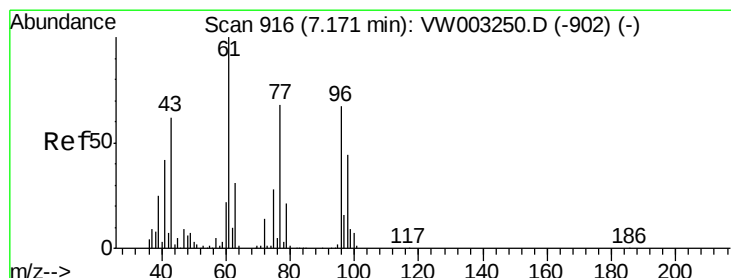
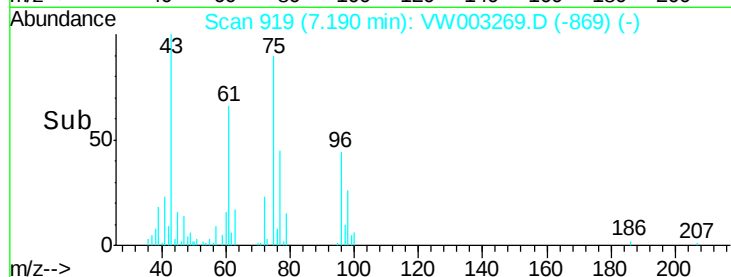
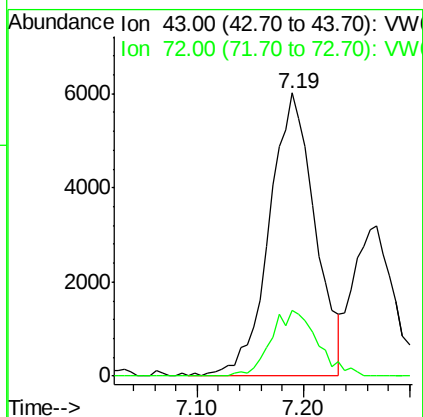
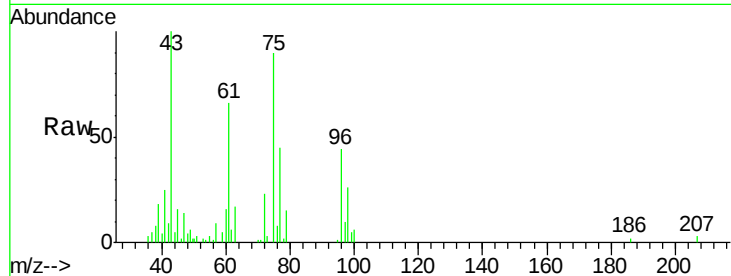
LOQ-SCM-Precision-Bias-4

Tgt Ion: 43 Resp: 17893

Ion Ratio Lower Upper

43 100

72 23.2 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.354 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003269.D

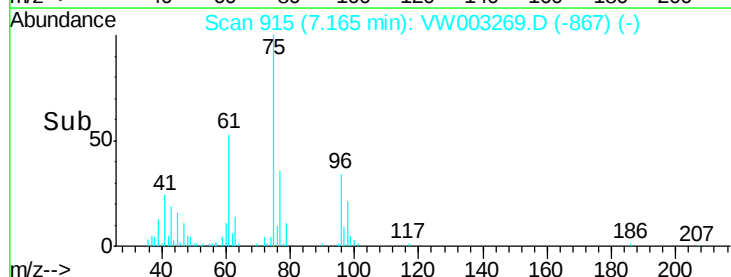
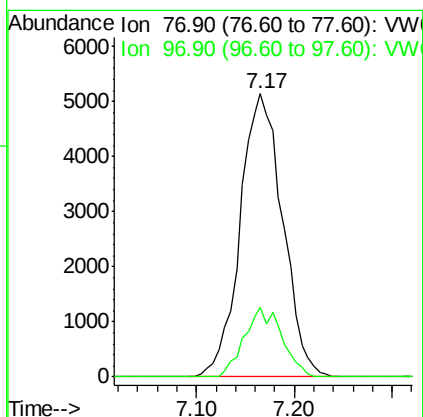
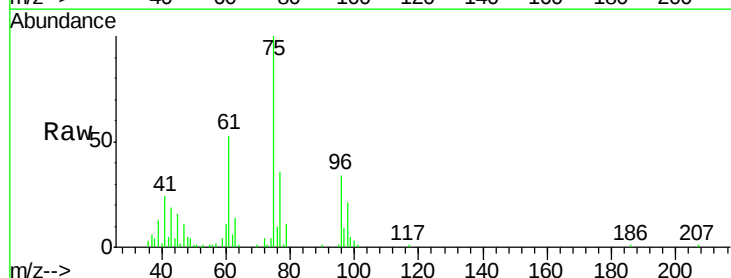
Acq: 14 Jun 2018 22:16

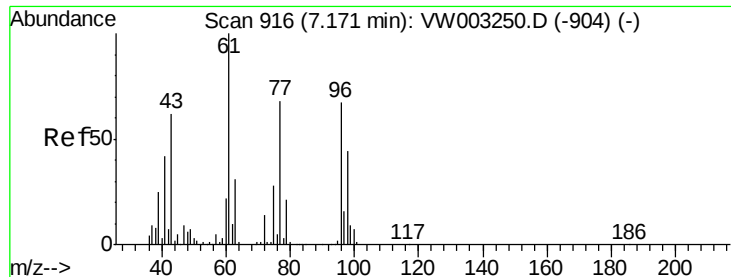
Tgt Ion: 77 Resp: 15486

Ion Ratio Lower Upper

77 100

97 21.8 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 5.497 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

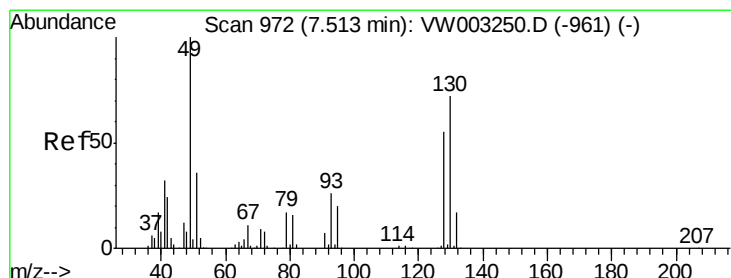
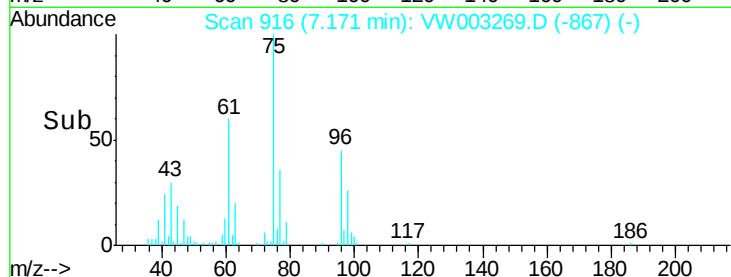
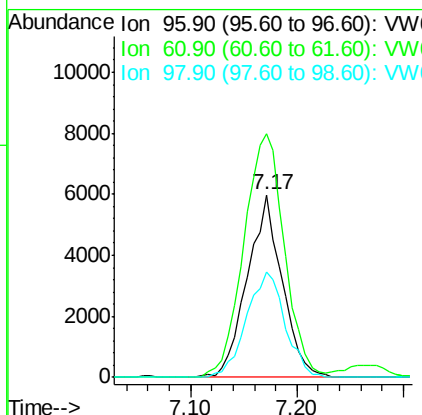
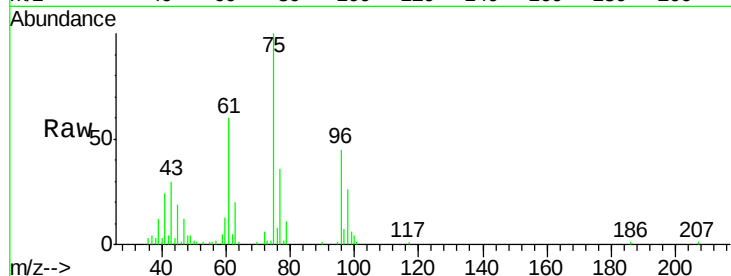
Tgt Ion: 96 Resp: 13764

Ion Ratio Lower Upper

96 100

61 154.7 0.0 298.8

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 5.240 ug/l

RT: 7.51 min Scan# 972

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

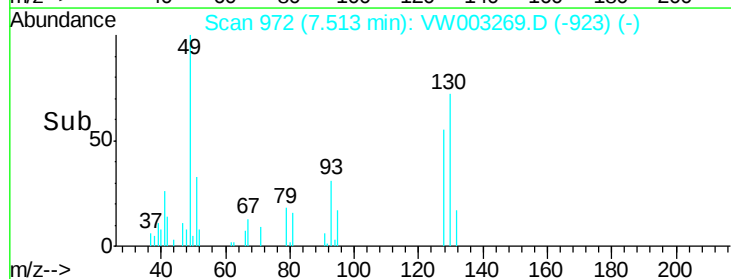
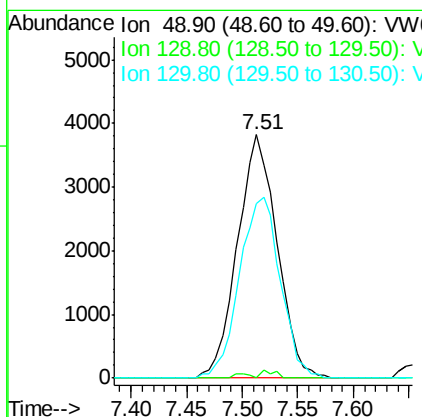
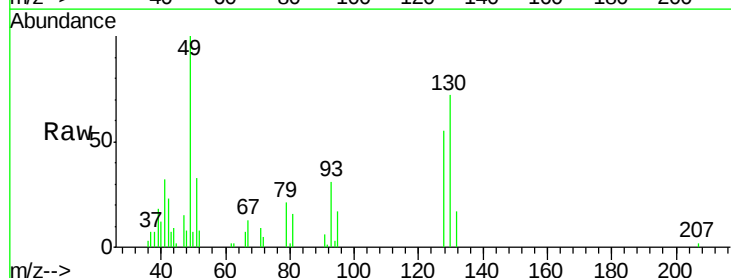
Tgt Ion: 49 Resp: 9450

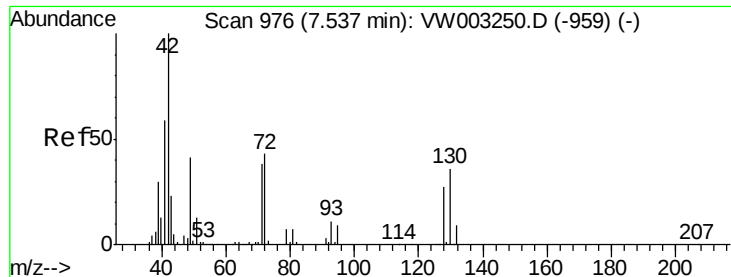
Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.6

130 76.6 59.4 89.2

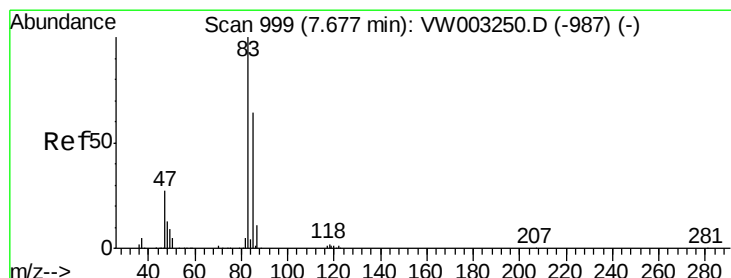
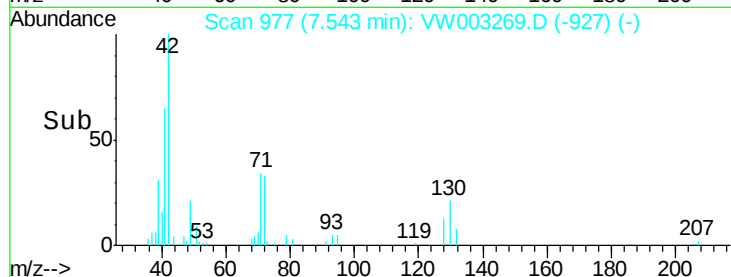
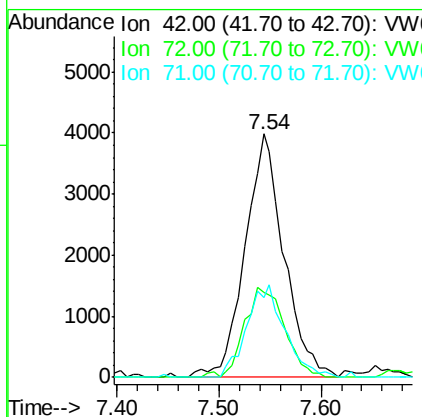
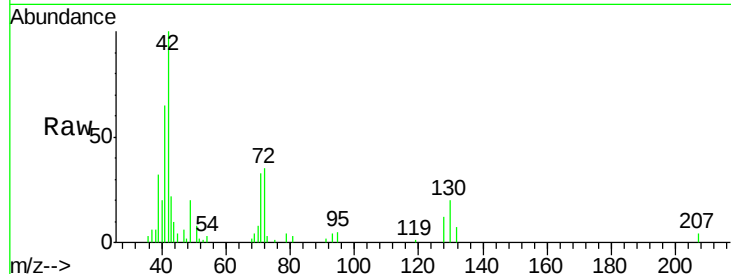




#29
Tetrahydrofuran
Concen: 26.412 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

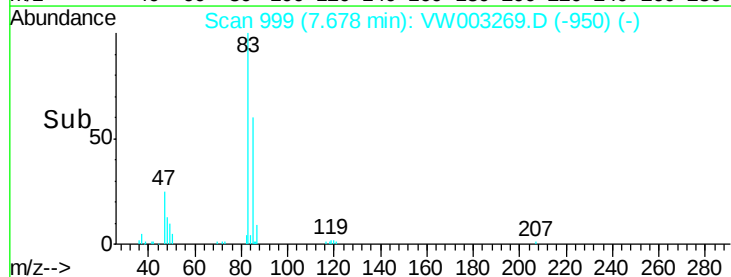
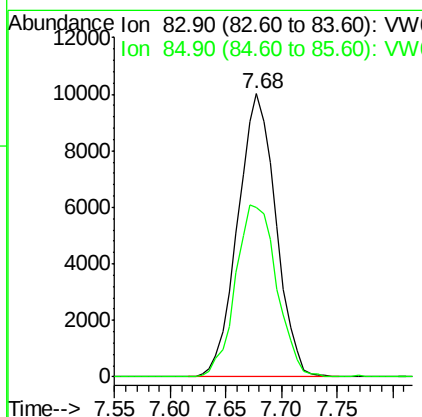
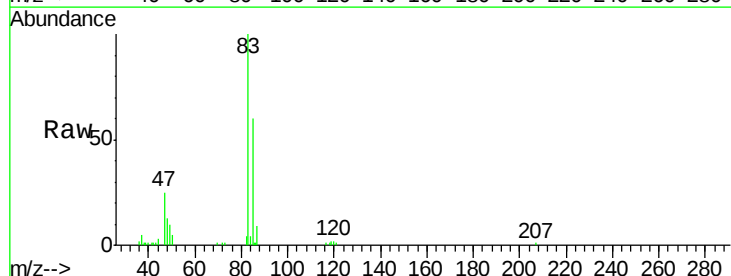
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

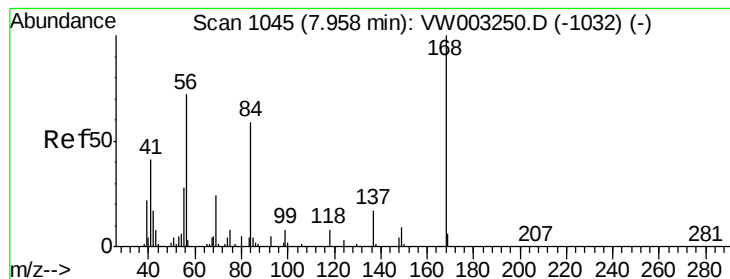
Tgt Ion: 42 Resp: 10549
Ion Ratio Lower Upper
42 100
72 37.5 32.4 48.6
71 37.3 31.2 46.8



#30
Chloroform
Concen: 5.394 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 83 Resp: 23818
Ion Ratio Lower Upper
83 100
85 59.8 51.3 76.9





#31

Cyclohexane

Concen: 5.875 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

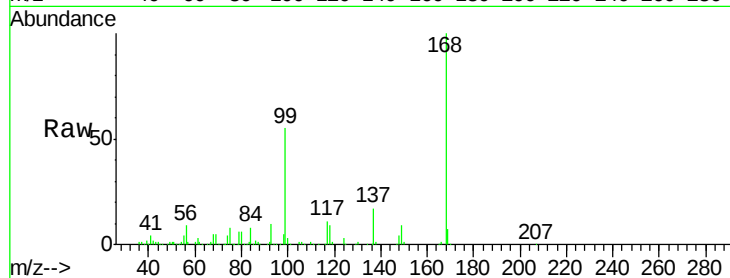
Tgt Ion: 56 Resp: 23788

Ion Ratio Lower Upper

56 100

69 58.8 26.3 39.5#

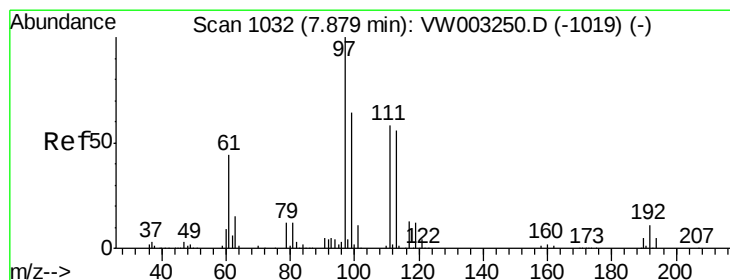
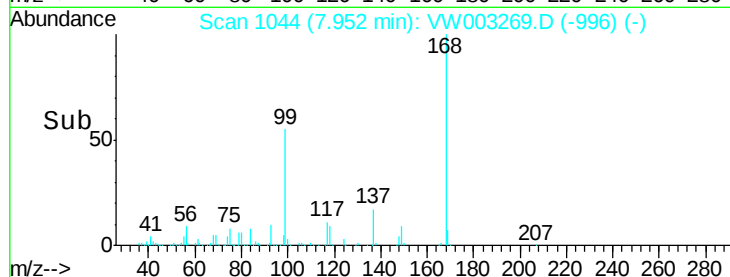
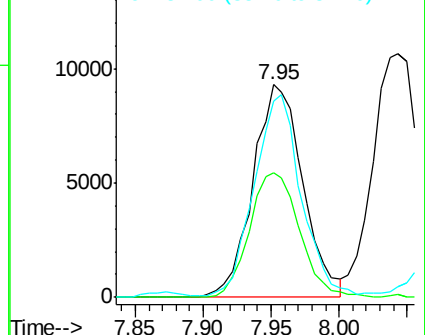
84 91.5 65.7 98.5



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: 5.214 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

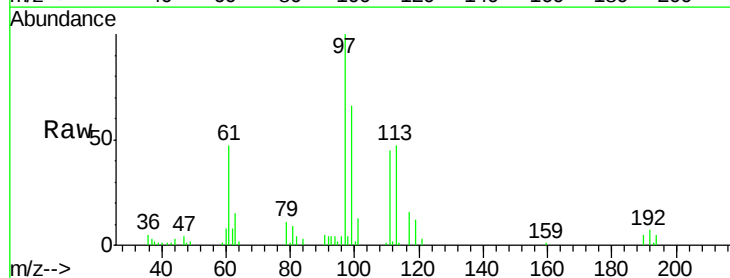
Tgt Ion: 97 Resp: 19002

Ion Ratio Lower Upper

97 100

99 63.5 51.7 77.5

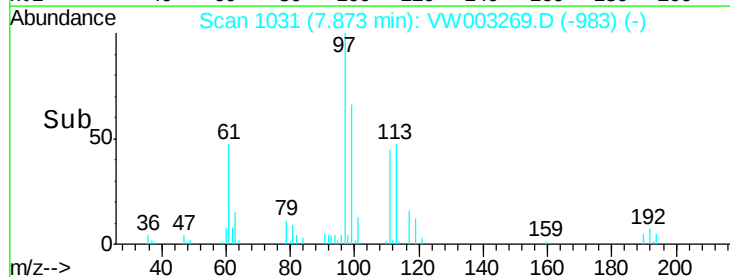
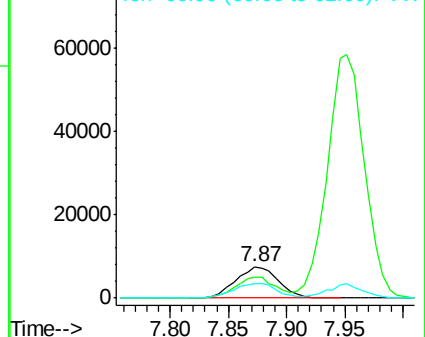
61 48.4 37.6 56.4

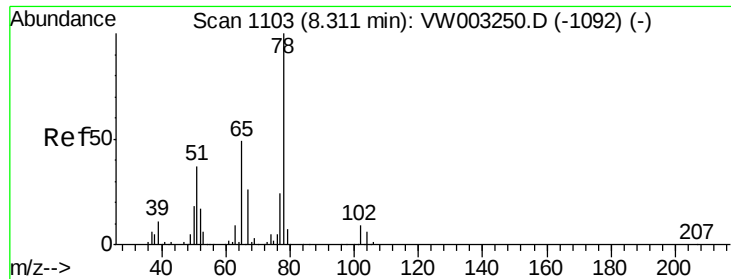


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW

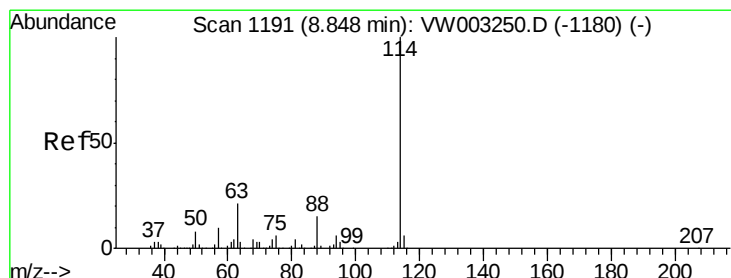
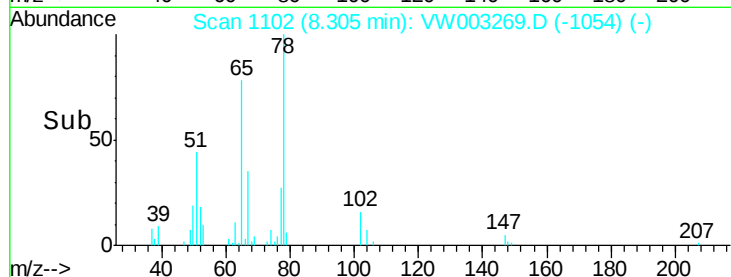
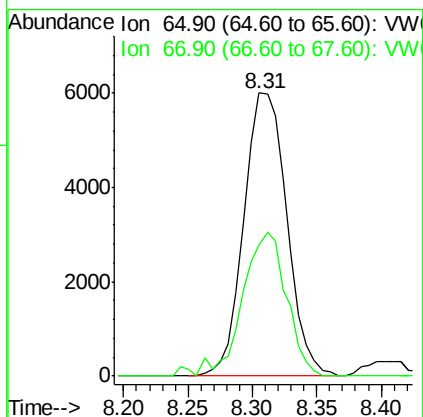
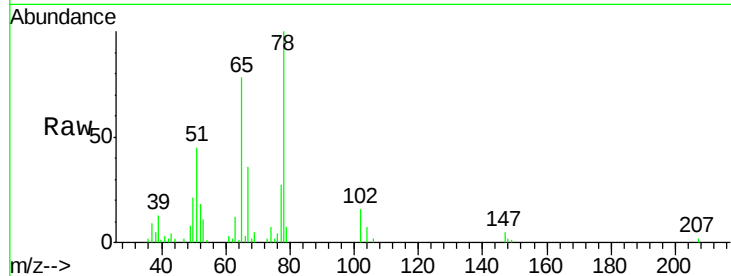




#33
 1,2-Dichloroethane-d4
 Concen: 5.535 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

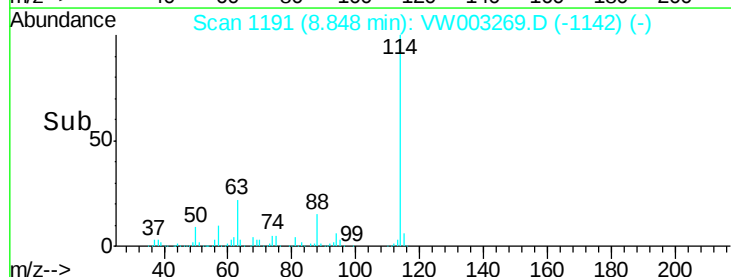
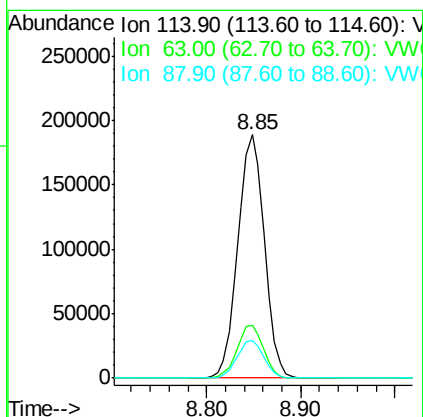
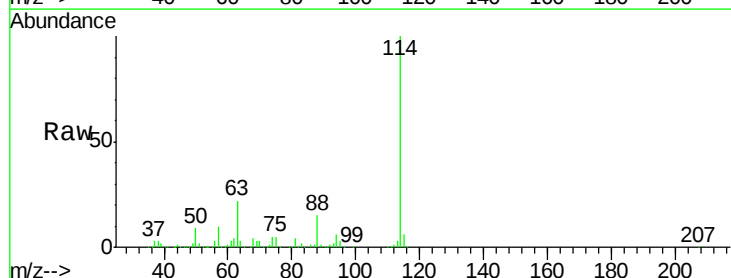
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

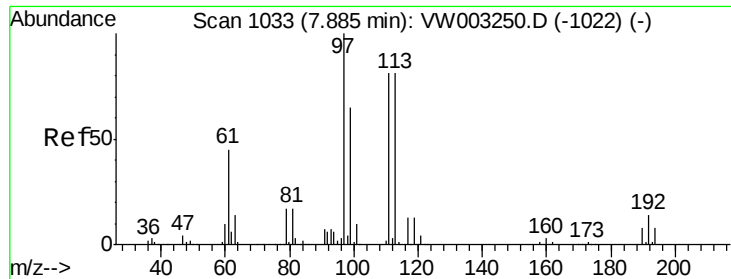
Tgt Ion: 65 Resp: 13869
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 114 Resp: 370304
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.4 0.0 29.6

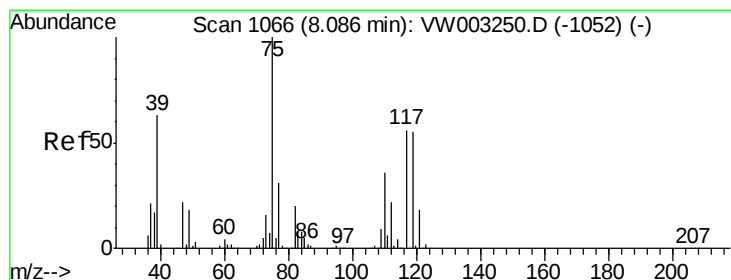
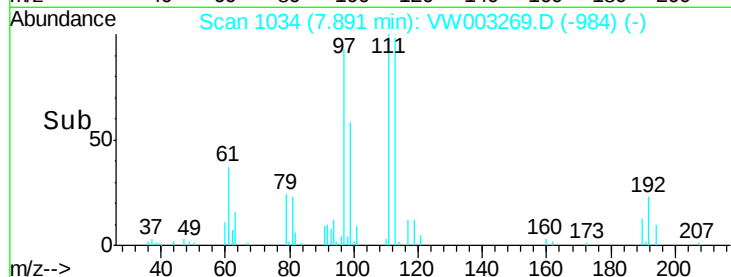
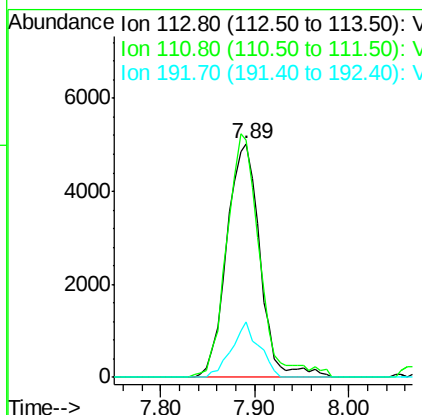
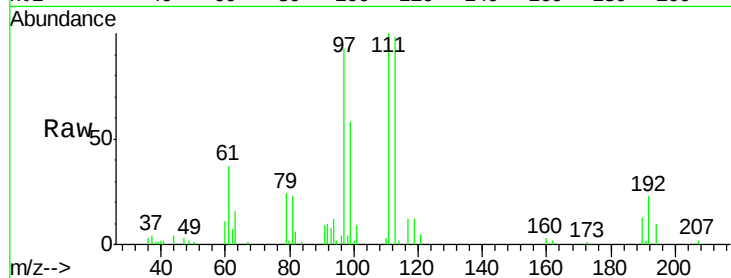




#35
 Dibromofluoromethane
 Concen: 5.361 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

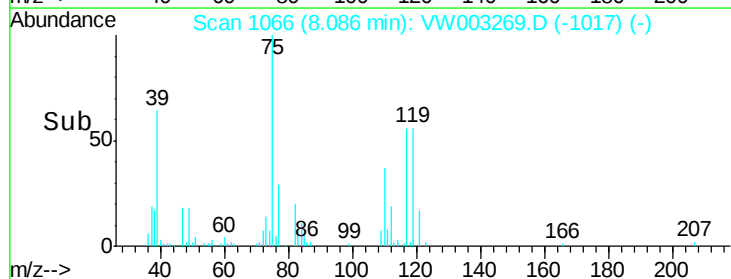
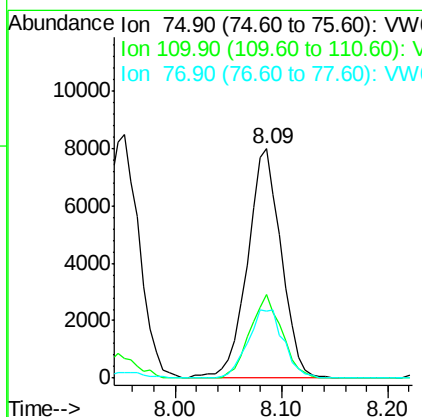
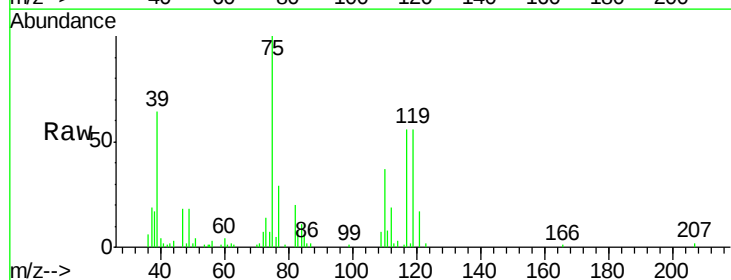
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

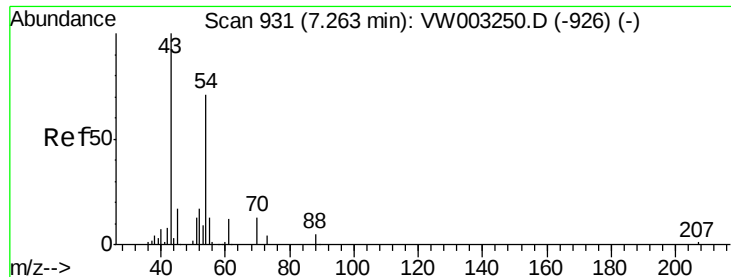
Tgt Ion: 113 Resp: 12335
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 4.961 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 75 Resp: 17742
 Ion Ratio Lower Upper
 75 100
 110 34.8 17.1 51.3
 77 31.6 24.9 37.3

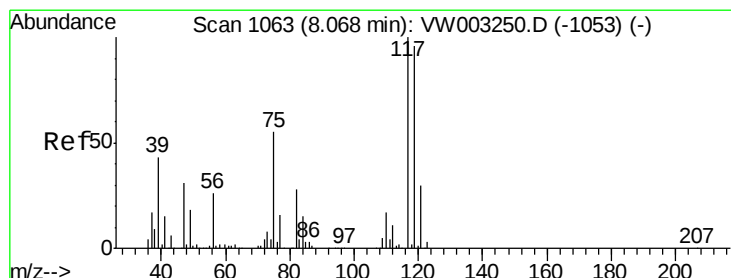
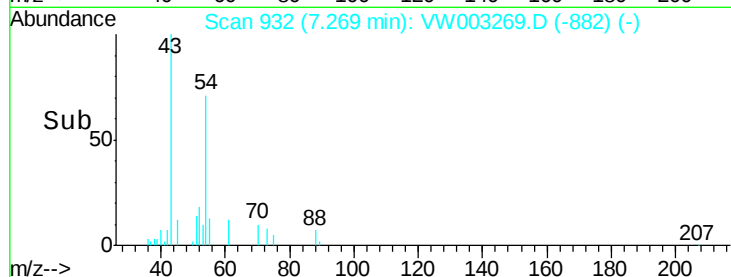
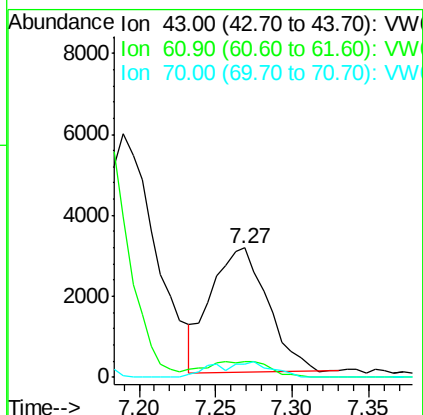
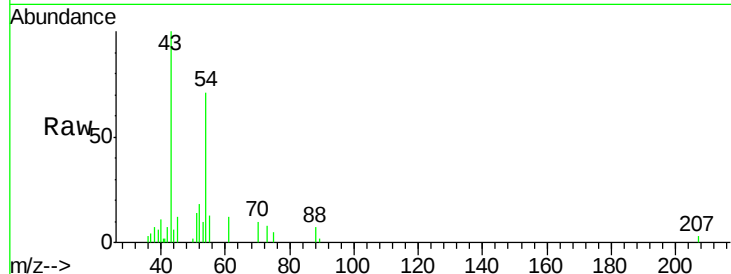




#37
Ethyl Acetate
Concen: 5.354 ug/l
RT: 7.27 min Scan# 932
Delta R.T. 0.01 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

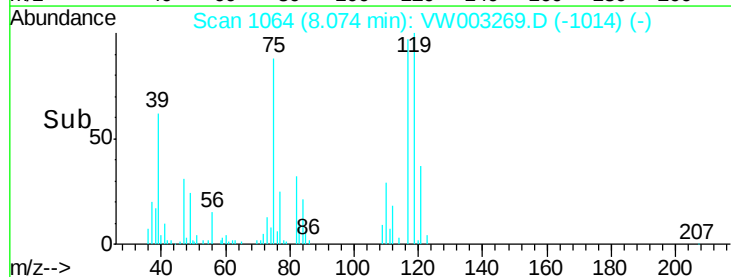
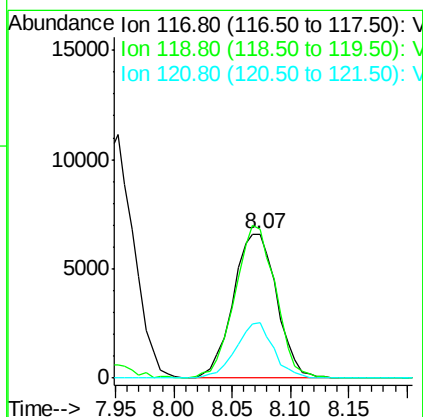
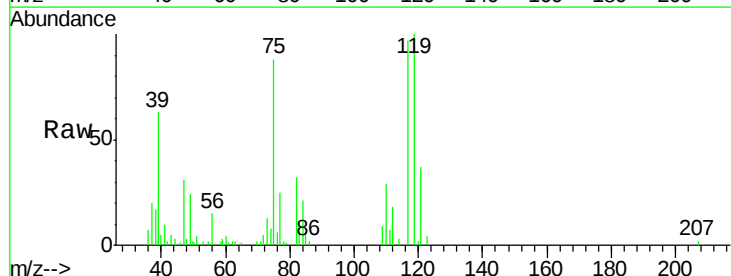
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

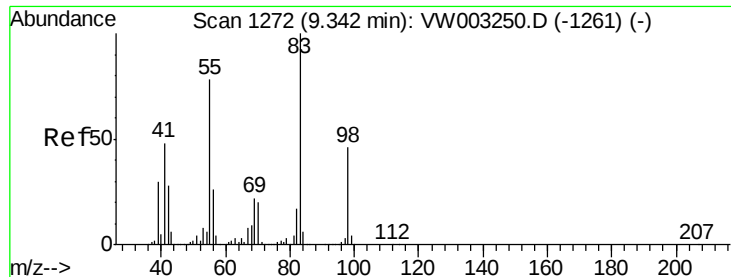
Tgt Ion: 43 Resp: 7932
Ion Ratio Lower Upper
43 100
61 15.0 10.8 16.2
70 7.9 7.8 11.6



#38
Carbon Tetrachloride
Concen: 4.912 ug/l
RT: 8.07 min Scan# 1064
Delta R.T. 0.01 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 117 Resp: 17230
Ion Ratio Lower Upper
117 100
119 102.9 76.6 115.0
121 38.4 23.9 35.9#

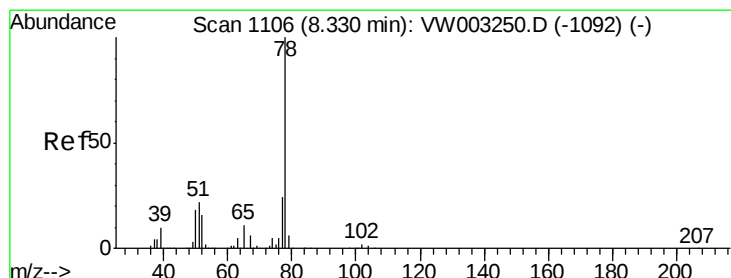
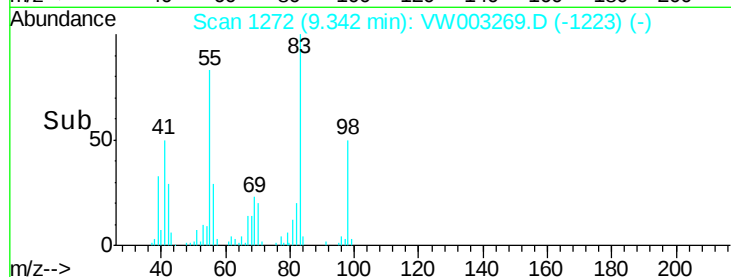
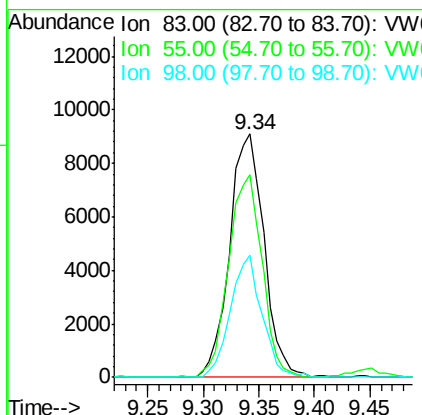
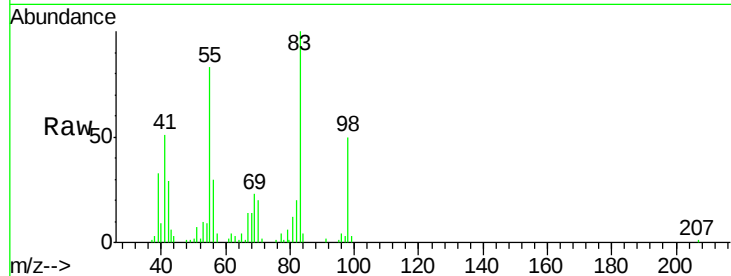




#39
Methylcyclohexane
Concen: 4.706 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

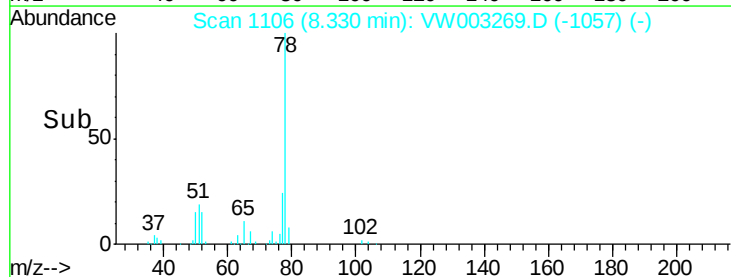
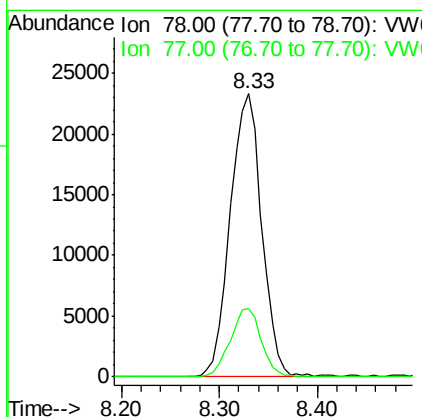
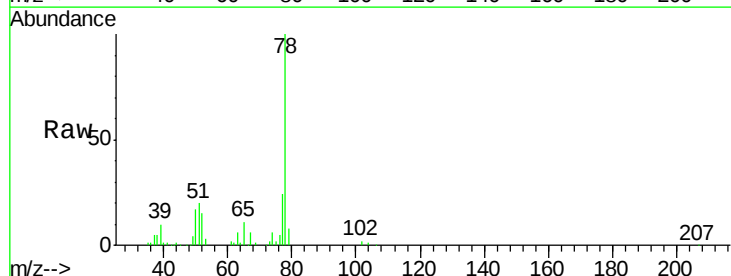
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

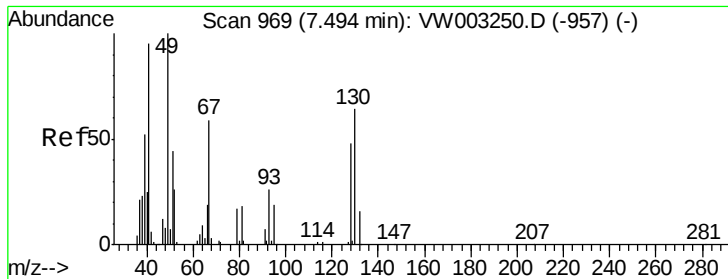
Tgt Ion: 83 Resp: 19475
Ion Ratio Lower Upper
83 100
55 83.2 62.6 93.8
98 50.0 37.0 55.4



#40
Benzene
Concen: 5.288 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 78 Resp: 52122
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6

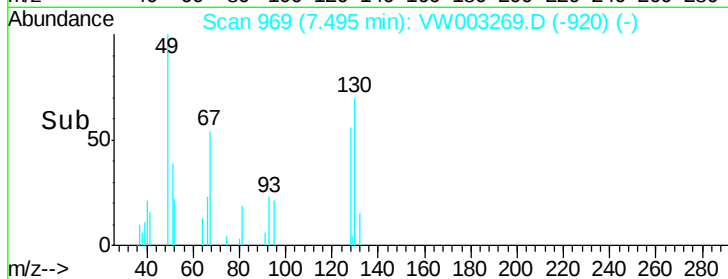
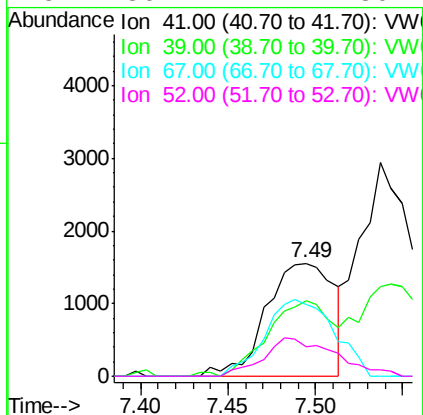
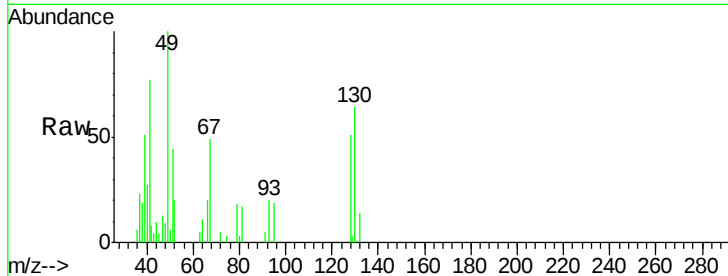




#41
Methacrylonitrile
Concen: 4.625 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

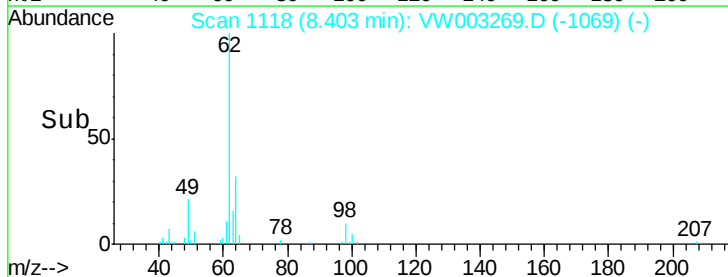
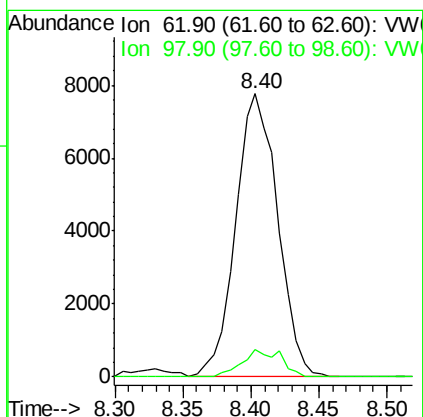
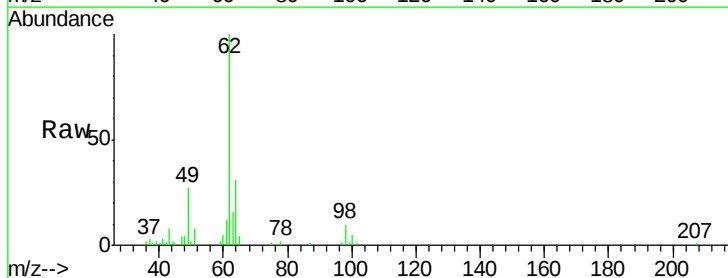
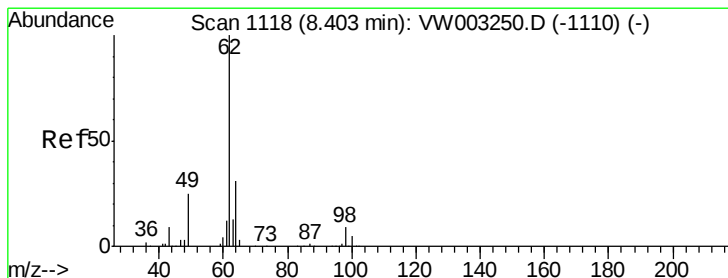
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

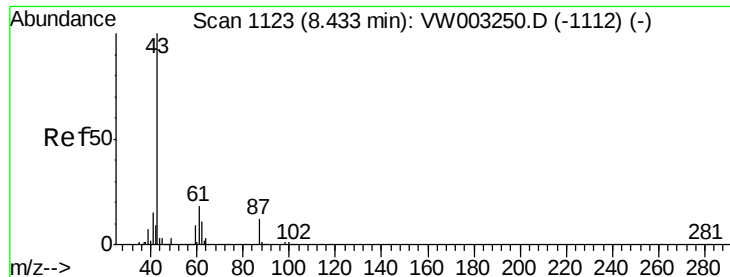
Tgt Ion:	41	Resp:	4205
Ion	Ratio	Lower	Upper
41	100		
39	63.7	45.8	68.8
67	69.1	52.3	78.5
52	36.4	24.1	36.1#



#42
1,2-Dichloroethane
Concen: 5.428 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion:	62	Resp:	16764
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.109 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

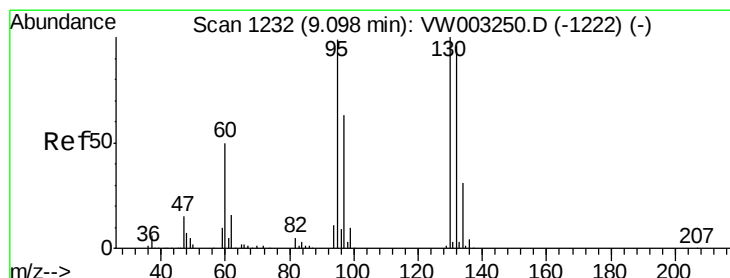
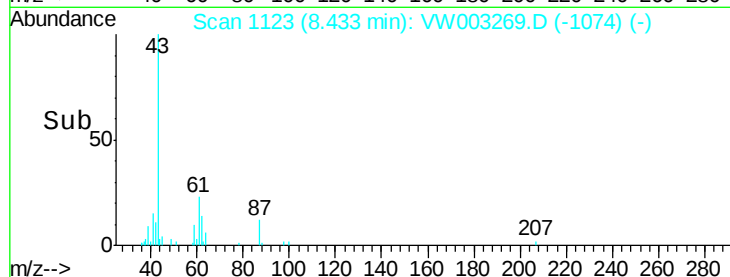
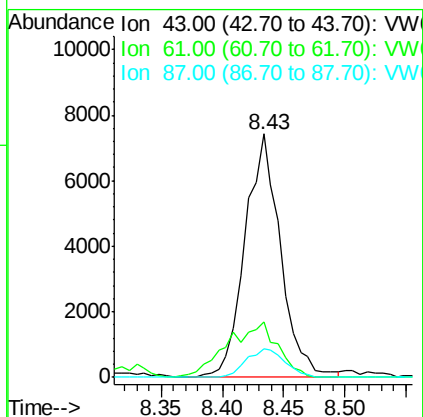
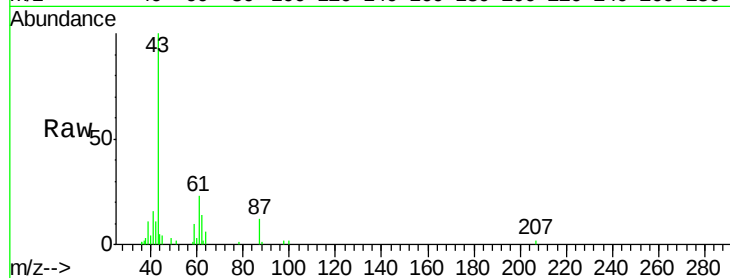
Tgt Ion: 43 Resp: 15030

Ion Ratio Lower Upper

43 100

61 32.1 23.1 34.7

87 12.6 9.8 14.6



#44

Trichloroethene

Concen: 5.195 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003269.D

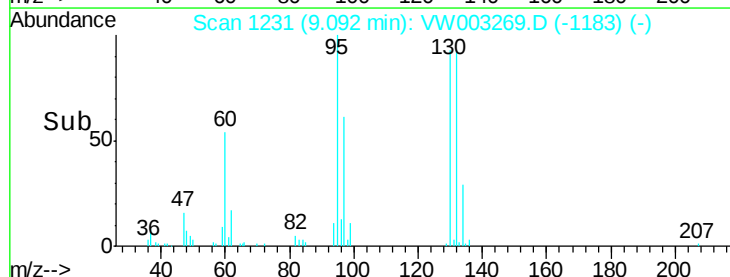
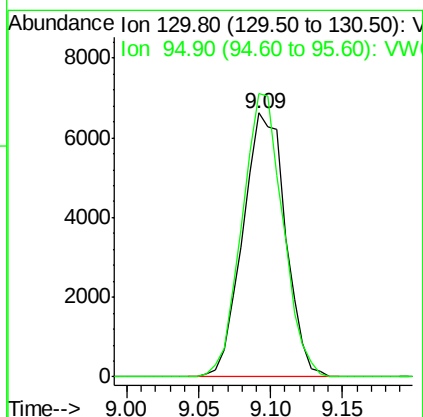
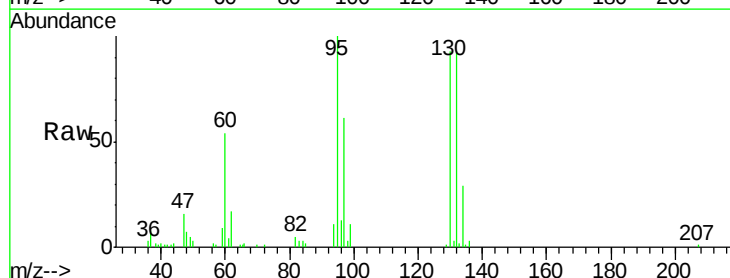
Acq: 14 Jun 2018 22:16

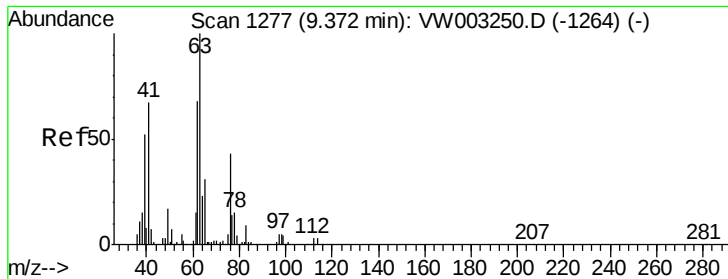
Tgt Ion: 130 Resp: 13569

Ion Ratio Lower Upper

130 100

95 107.4 0.0 198.0

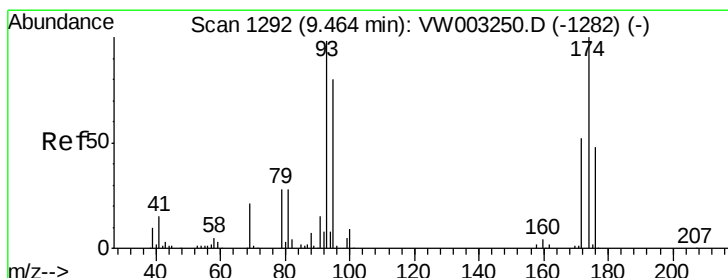
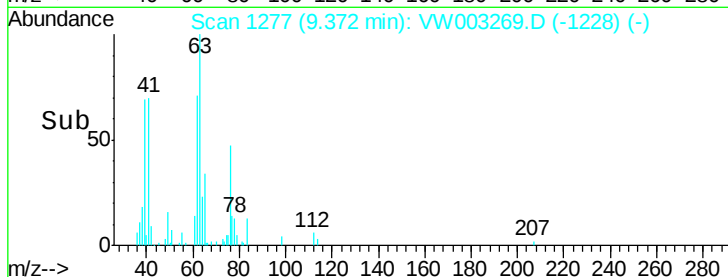
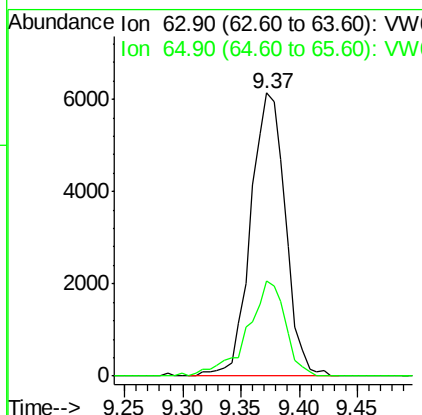
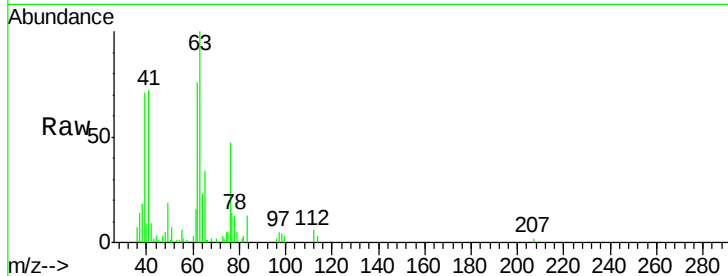




#45
 1,2-Dichloropropane
 Concen: 5.094 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

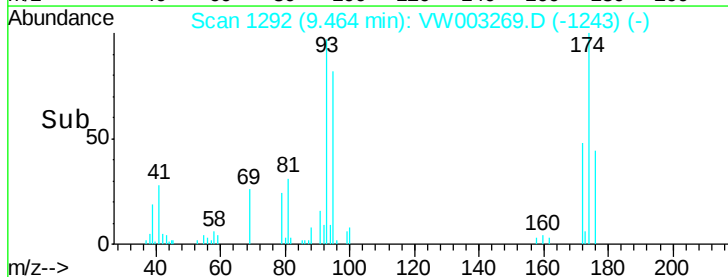
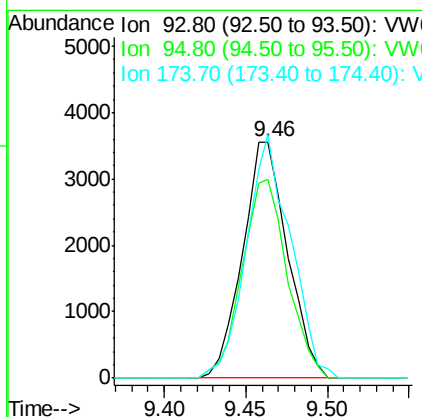
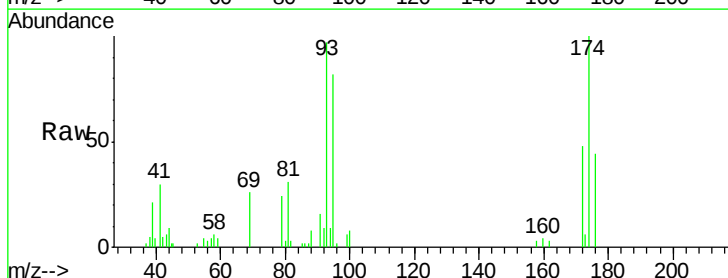
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

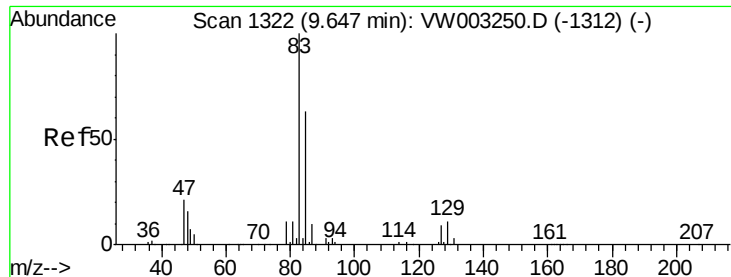
Tgt Ion: 63 Resp: 12786
 Ion Ratio Lower Upper
 63 100
 65 33.6 25.1 37.7



#46
 Dibromomethane
 Concen: 5.307 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 93 Resp: 6819
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.8 98.8
 174 101.0 81.4 122.0





#47

Bromodichloromethane

Concen: 5.044 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

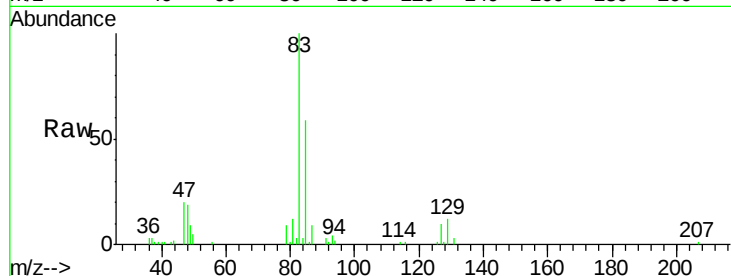
Tgt Ion: 83 Resp: 16614

Ion Ratio Lower Upper

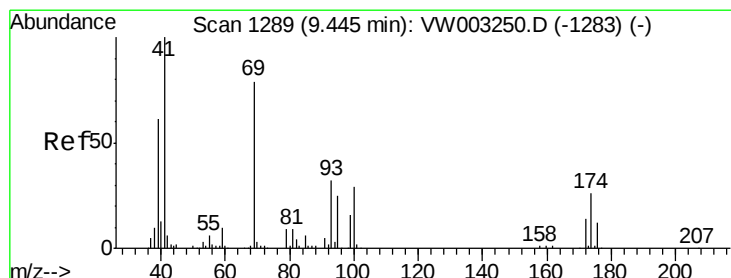
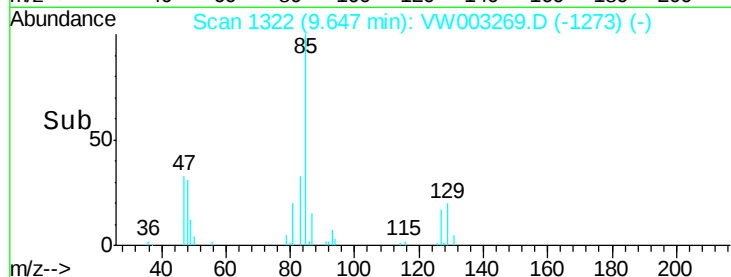
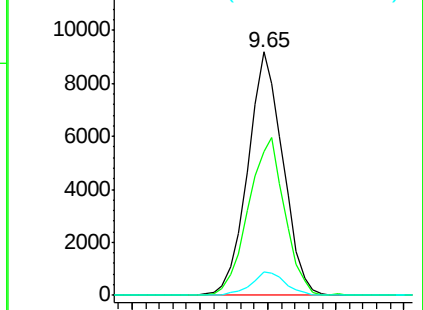
83 100

85 58.9 50.6 75.8

127 9.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.767 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

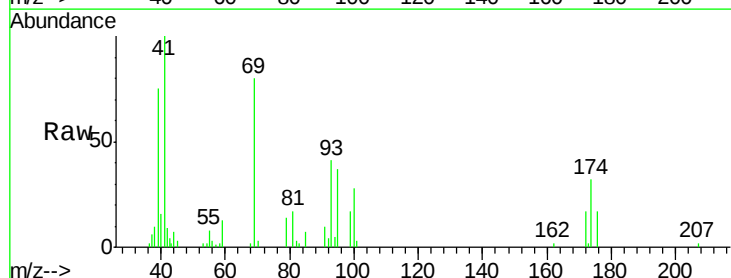
Tgt Ion: 41 Resp: 6590

Ion Ratio Lower Upper

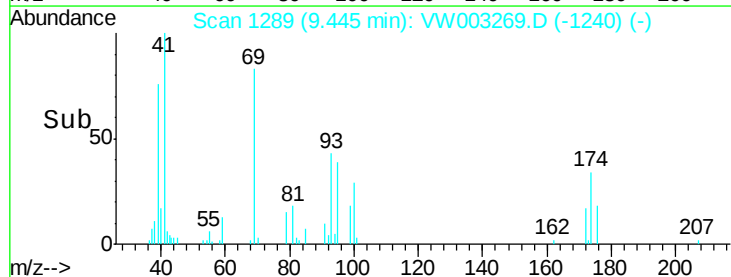
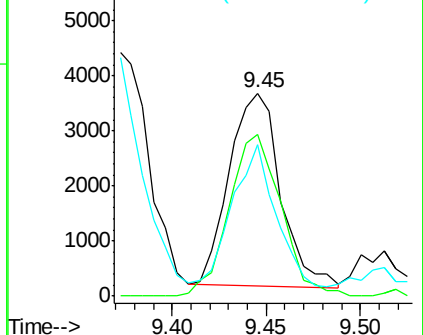
41 100

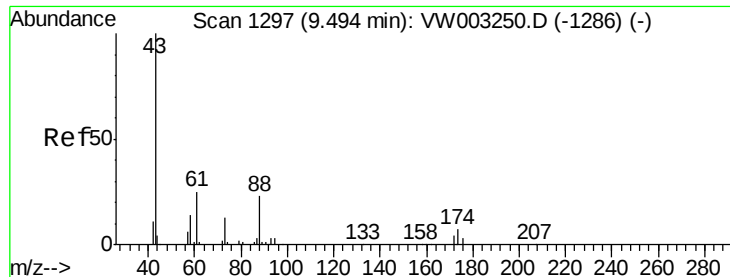
69 85.1 65.4 98.2

39 73.9 54.2 81.2



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW

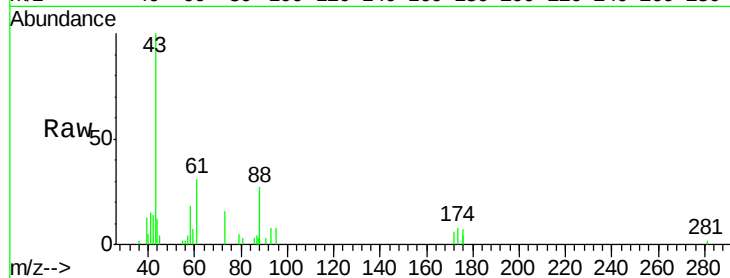




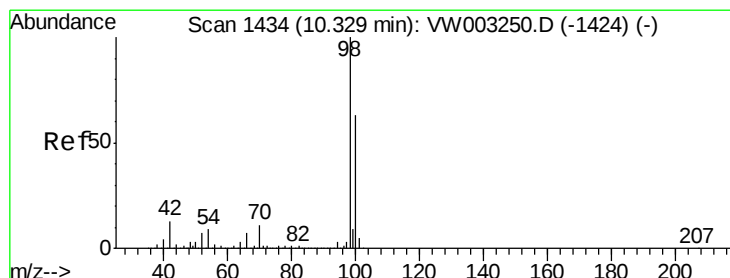
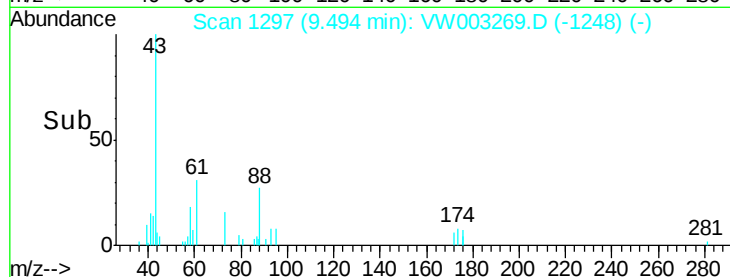
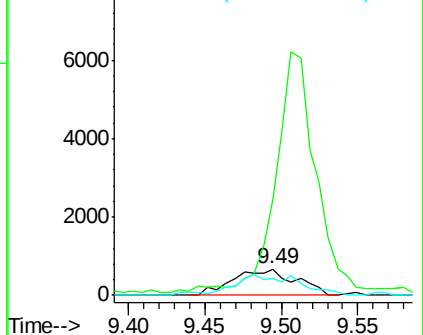
#49
1,4-Dioxane
Concen: 97.877 ug/l
RT: 9.49 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tgt Ion: 88 Resp: 1899
Ion Ratio Lower Upper
88 100
43 581.4 454.7 682.1
58 0.0 58.6 88.0#

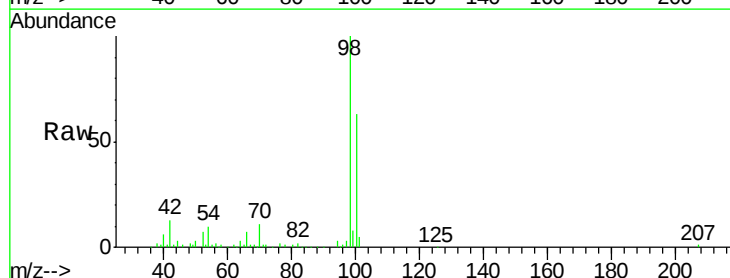


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

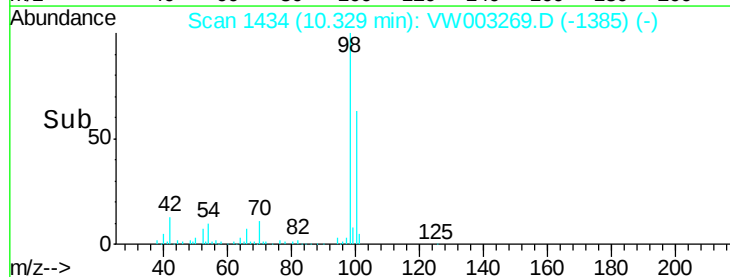
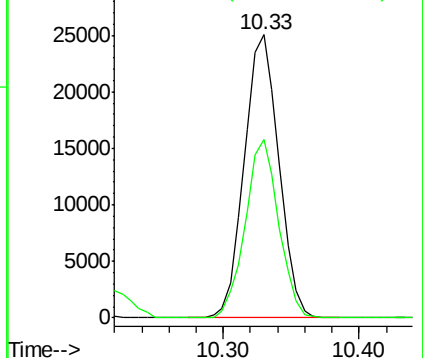


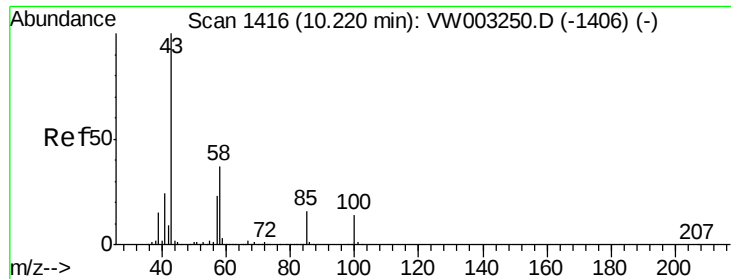
#50
Toluene-d8
Concen: 4.876 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 98 Resp: 44492
Ion Ratio Lower Upper
98 100
100 61.0 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

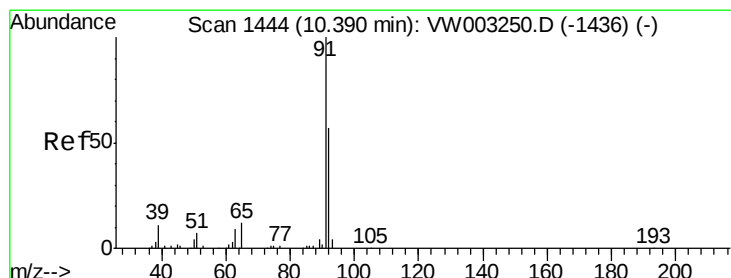
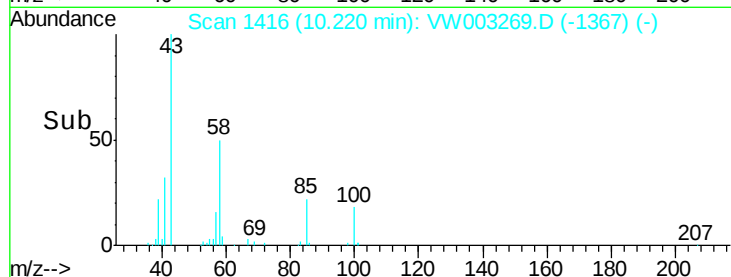
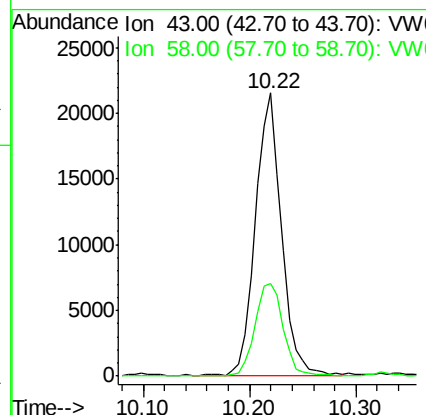
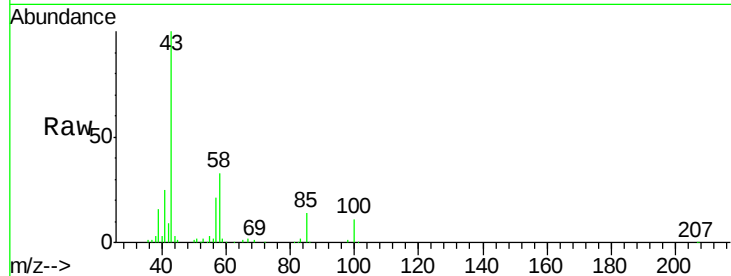




#51
 4-Methyl-2-Pentanone
 Concen: 24.879 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

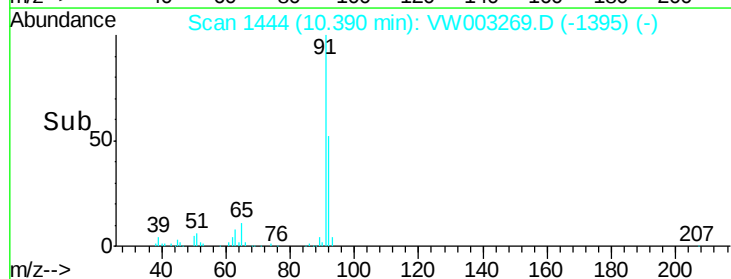
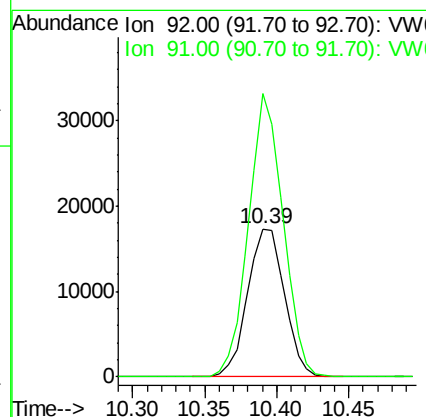
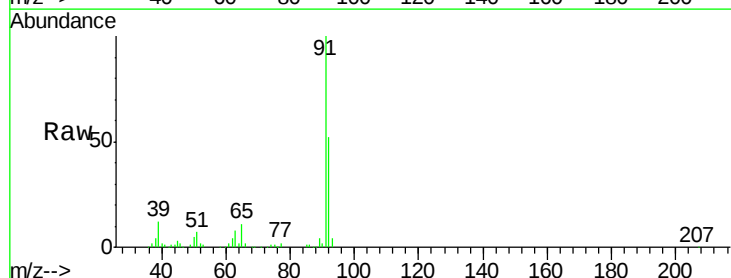
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

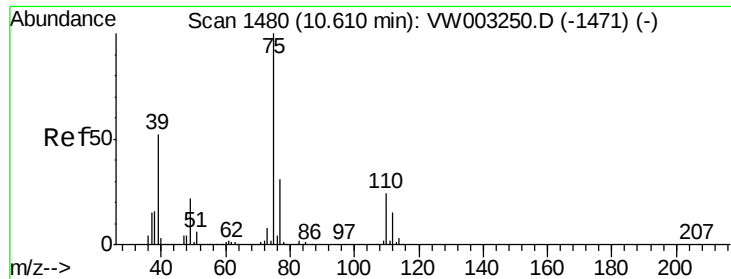
Tgt Ion: 43 Resp: 37293
 Ion Ratio Lower Upper
 43 100
 58 35.1 29.0 43.4



#52
 Toluene
 Concen: 4.862 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 92 Resp: 30731
 Ion Ratio Lower Upper
 92 100
 91 179.1 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 4.715 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

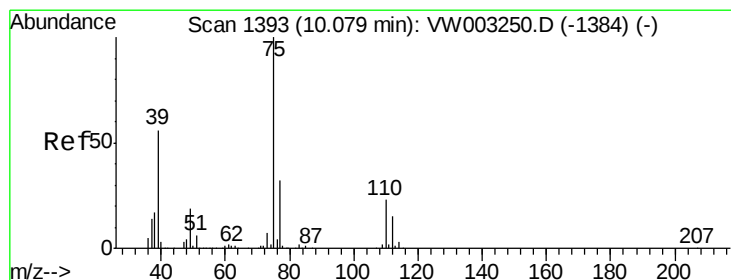
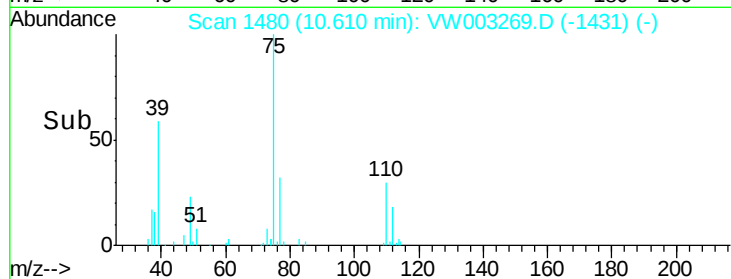
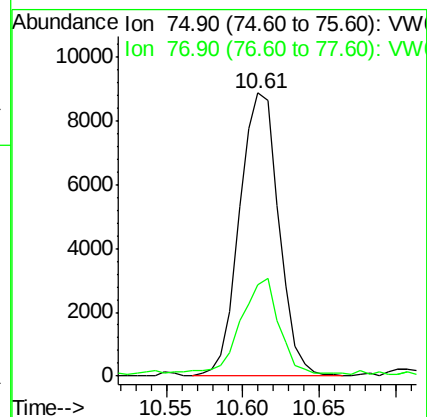
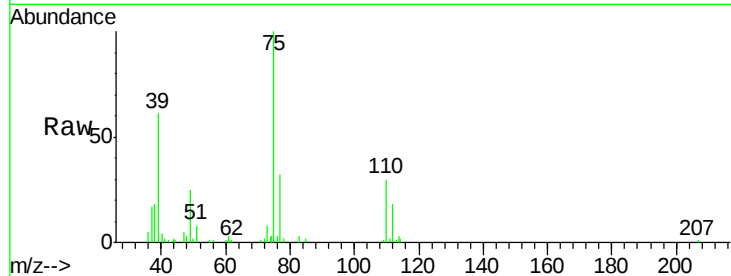
LOQ-SCM-Precision-Bias-4

Tgt Ion: 75 Resp: 15864

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 4.751 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

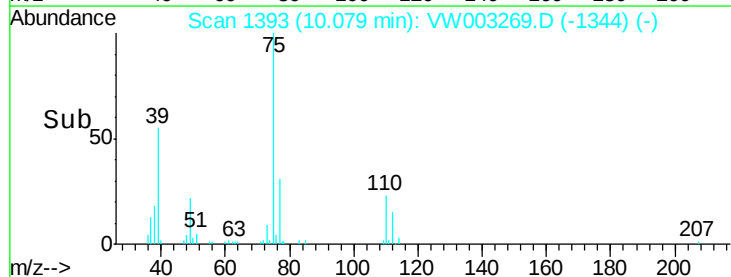
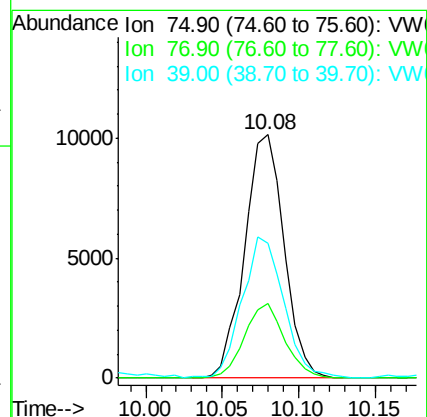
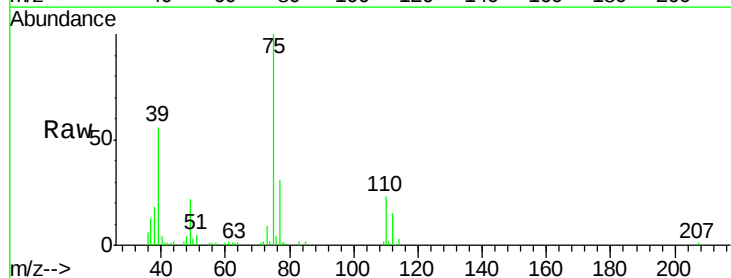
Tgt Ion: 75 Resp: 18195

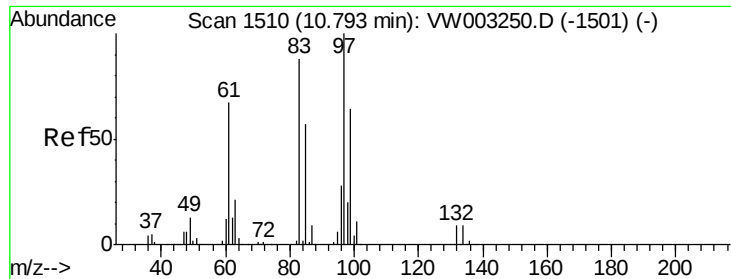
Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

39 55.1 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 5.300 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tgt Ion: 97 Resp: 9597

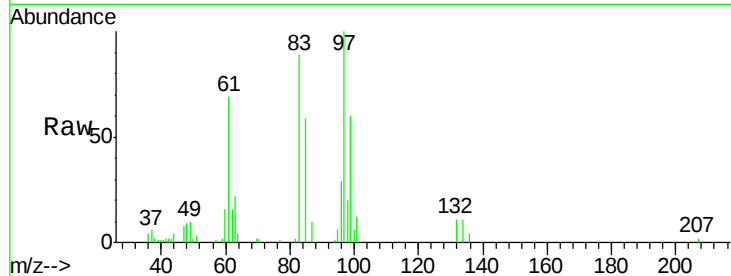
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.2	105.2
85	59.0	45.6	68.4
99	60.3	51.2	76.8

97 100

83 89.3 70.2 105.2

85 59.0 45.6 68.4

99 60.3 51.2 76.8



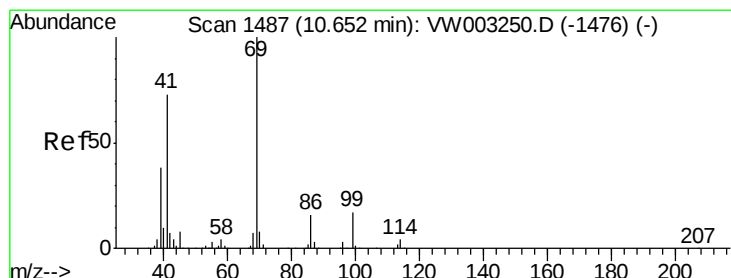
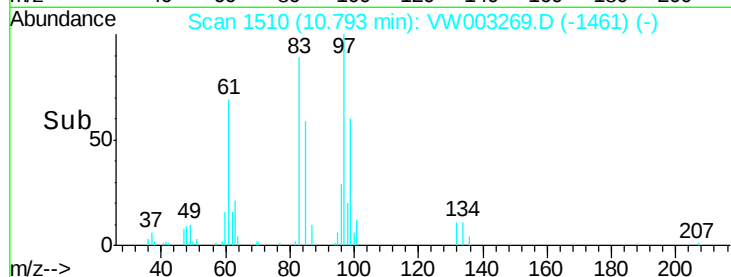
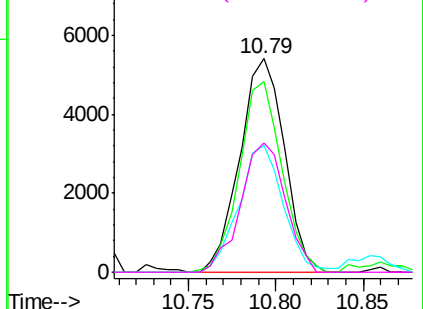
Abundance

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: 4.174 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

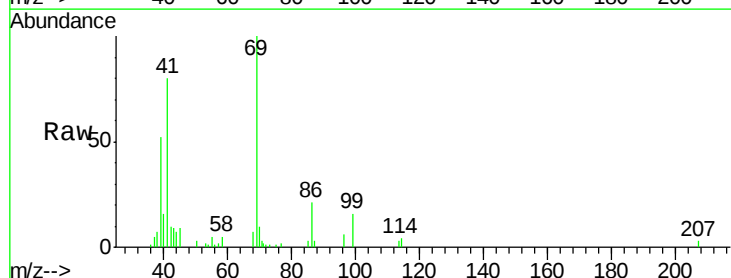
Tgt Ion: 69 Resp: 9178

Ion	Ratio	Lower	Upper
69	100		
41	83.5	57.8	86.6
39	46.3	32.7	49.1

69 100

41 83.5 57.8 86.6

39 46.3 32.7 49.1

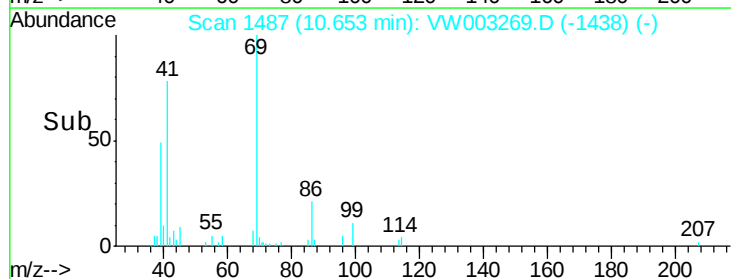
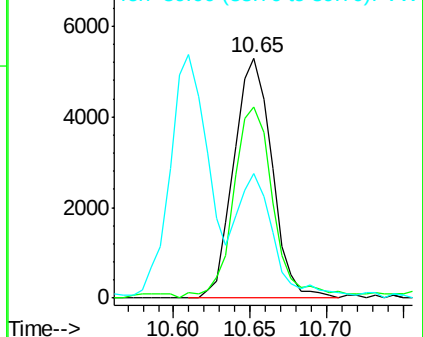


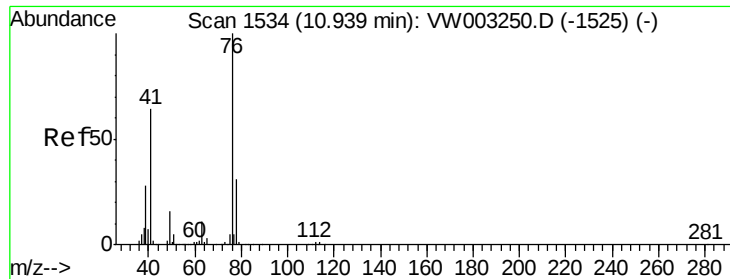
Abundance

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

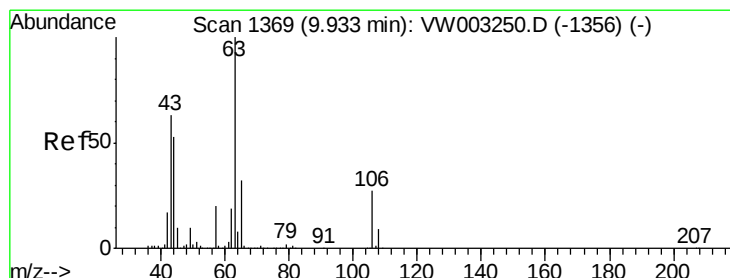
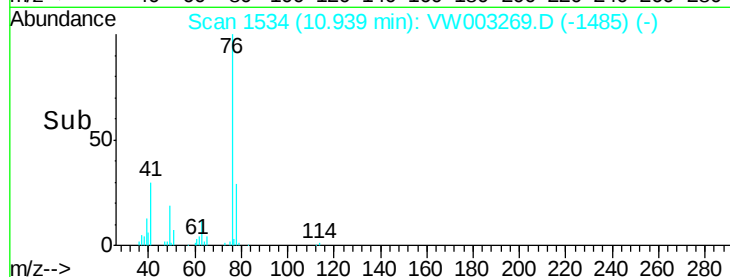
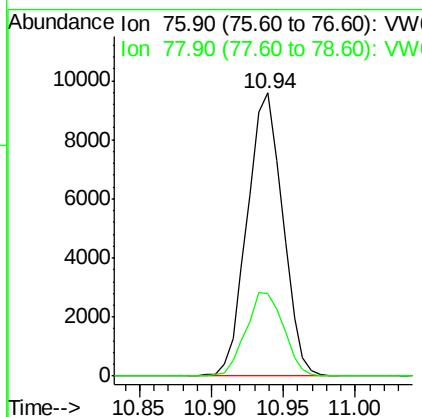
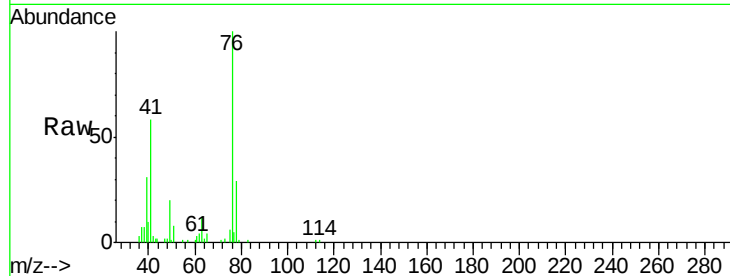




#57
 1,3-Dichloropropane
 Concen: 5.244 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

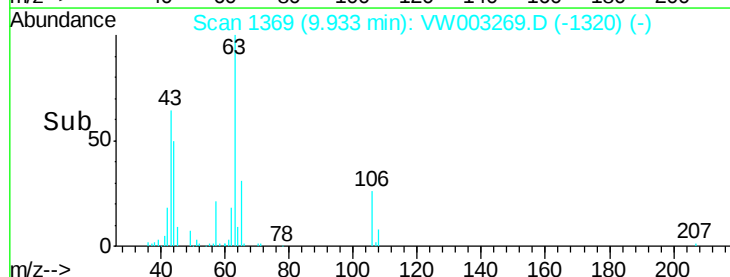
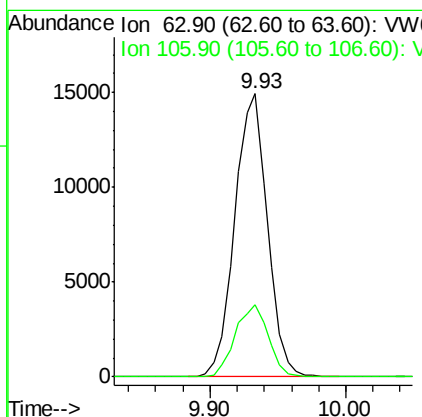
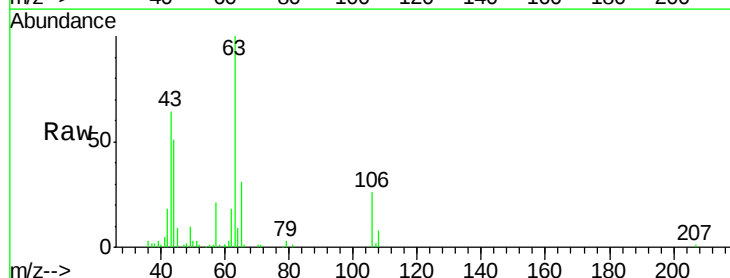
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

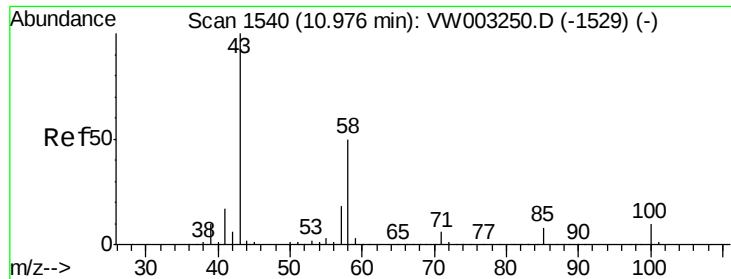
Tgt Ion: 76 Resp: 16376
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 25.301 ug/l
 RT: 9.93 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 63 Resp: 24939
 Ion Ratio Lower Upper
 63 100
 106 25.8 21.8 32.8

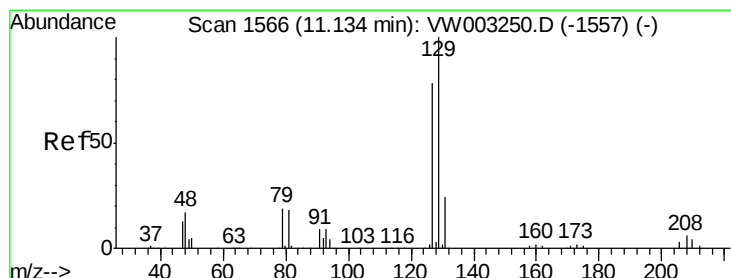
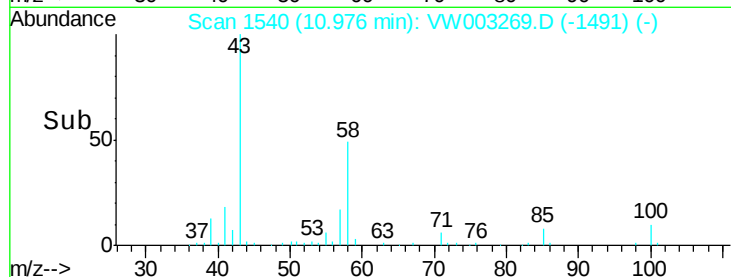
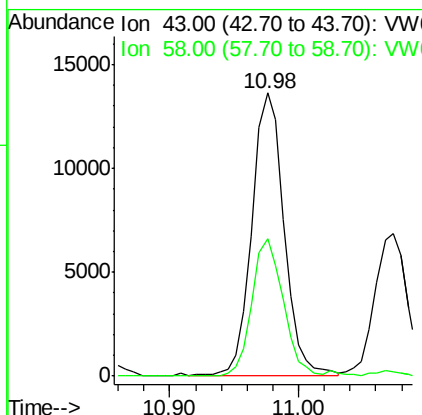
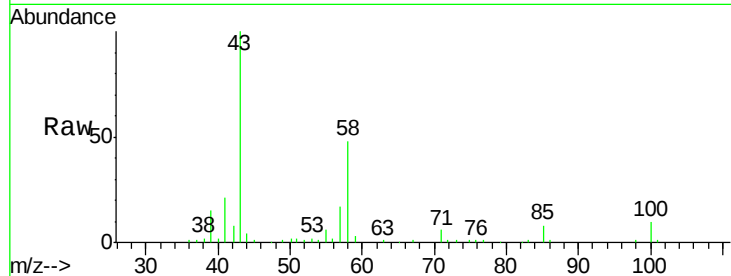




#59
2-Hexanone
Concen: 22.452 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

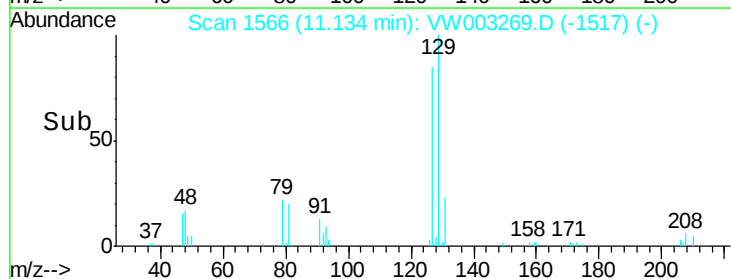
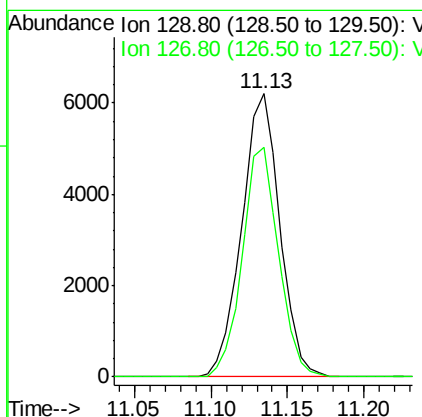
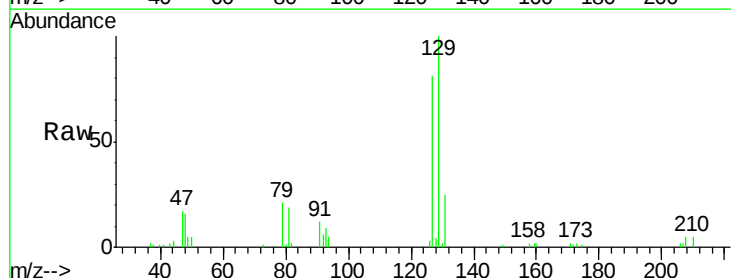
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

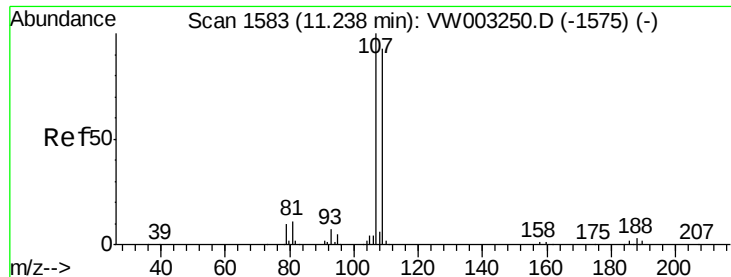
Tgt Ion: 43 Resp: 23511
Ion Ratio Lower Upper
43 100
58 46.7 25.0 75.0



#60
Dibromochloromethane
Concen: 4.985 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 129 Resp: 10735
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.5

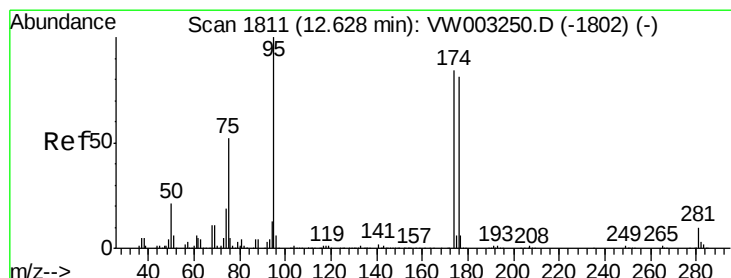
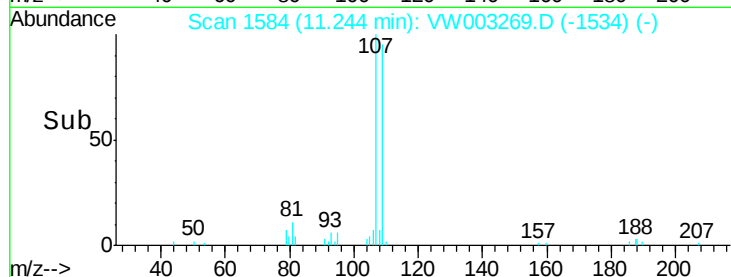
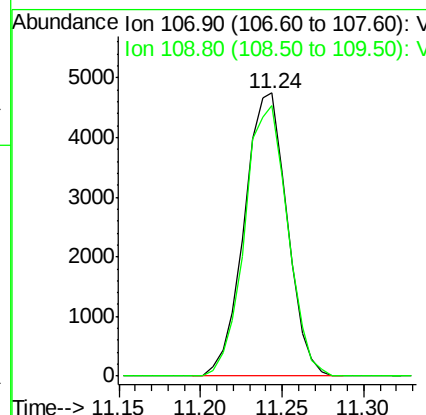
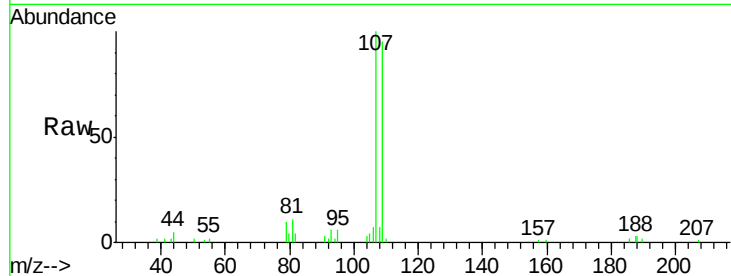




#61
 1,2-Dibromoethane
 Concen: 5.059 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

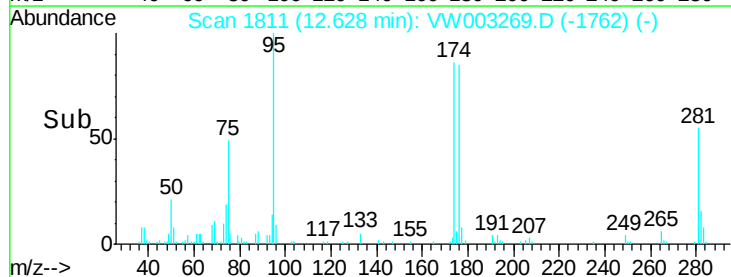
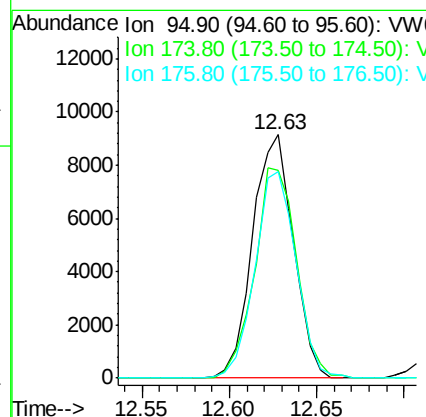
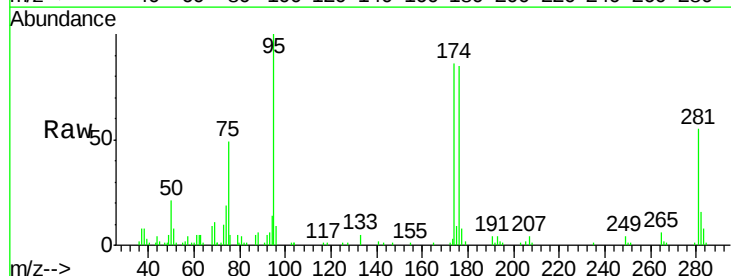
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

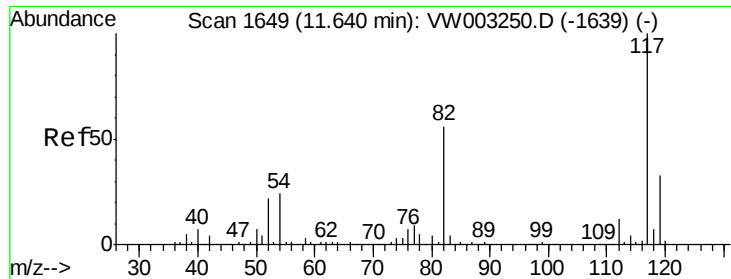
Tgt Ion: 107 Resp: 8665
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.581 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 95 Resp: 14791
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 166.4
 176 85.7 0.0 162.0

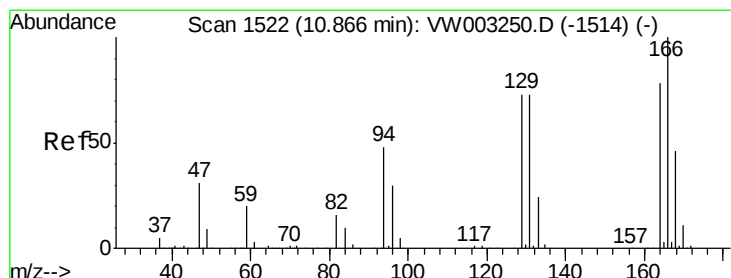
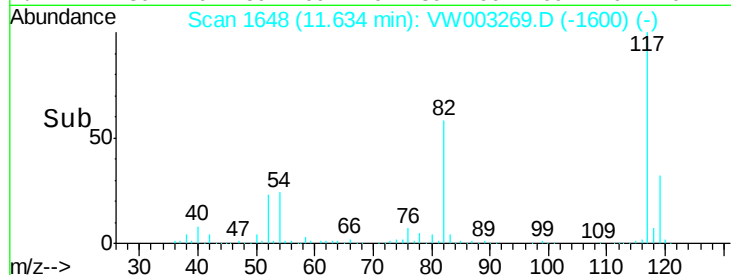
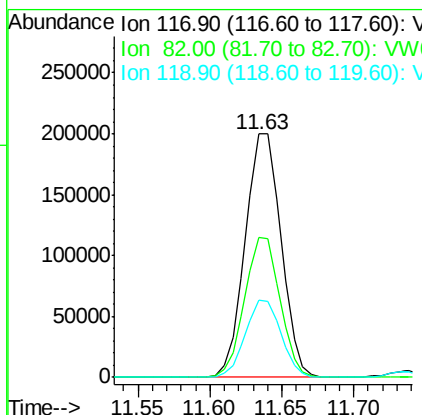
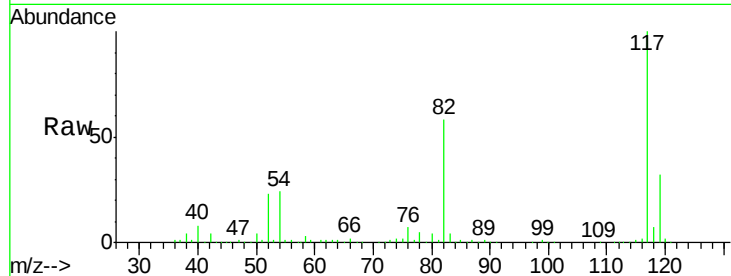




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

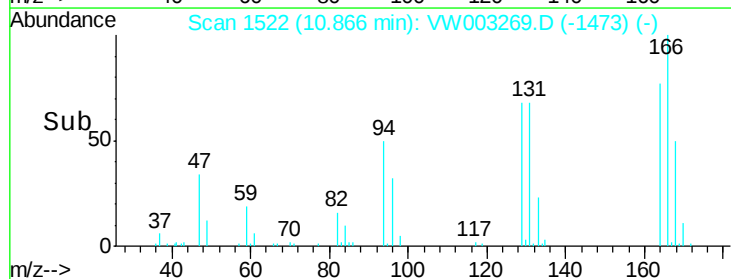
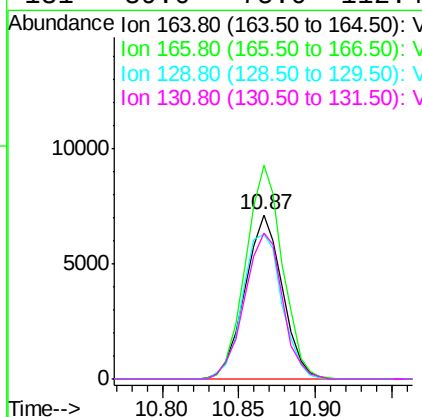
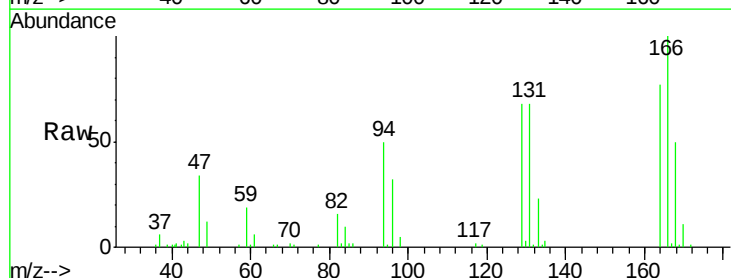
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

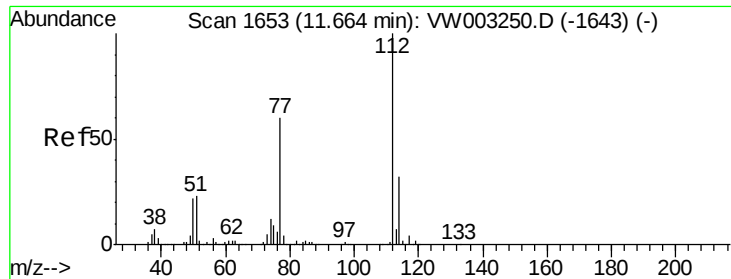
Tgt Ion:117 Resp: 345087
Ion Ratio Lower Upper
117 100
82 57.5 44.6 67.0
119 31.7 26.7 40.1



#64
Tetrachloroethene
Concen: 5.239 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion:164 Resp: 12093
Ion Ratio Lower Upper
164 100
166 130.2 102.6 154.0
129 88.0 75.2 112.8
131 89.0 75.0 112.4





#65

Chlorobenzene

Concen: 5.050 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

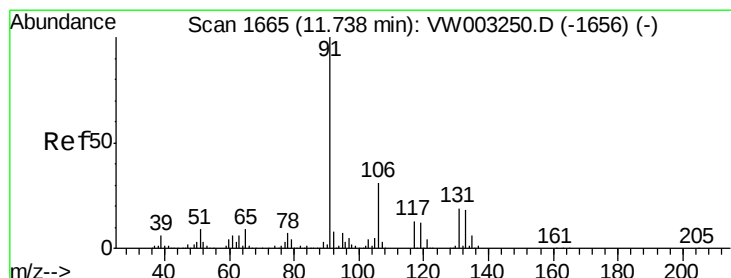
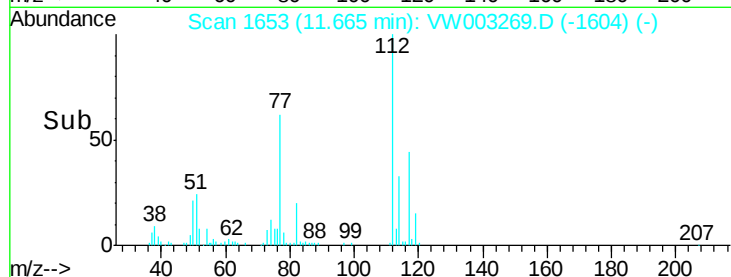
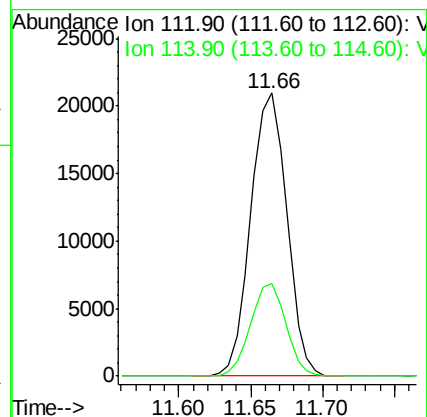
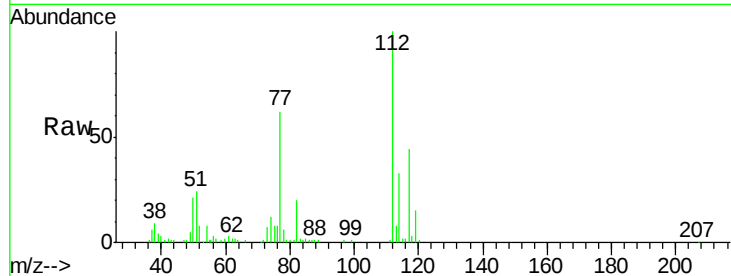
LOQ-SCM-Precision-Bias-4

Tgt Ion:112 Resp: 36292

Ion Ratio Lower Upper

112 100

114 32.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 4.675 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

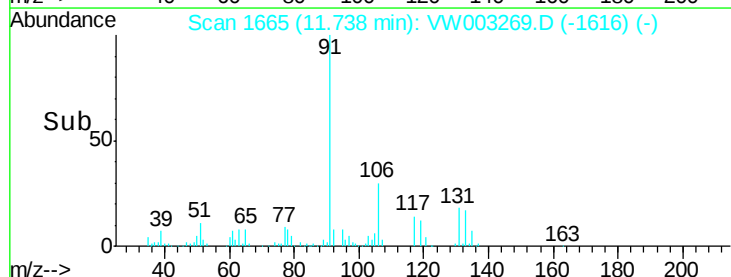
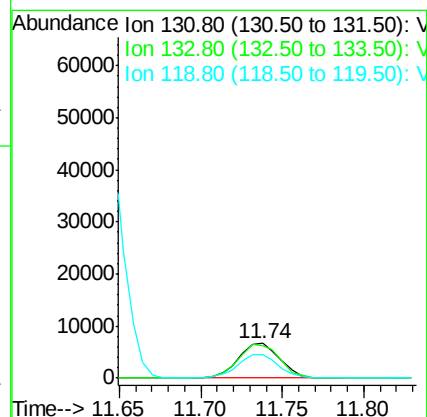
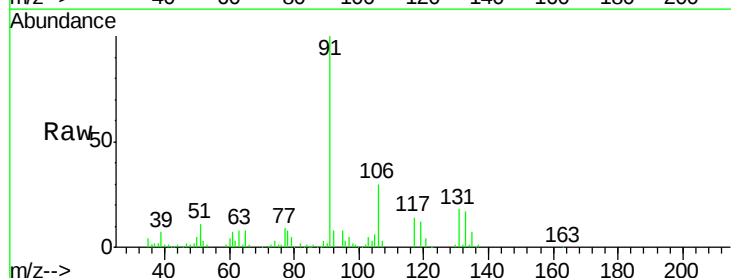
Tgt Ion:131 Resp: 11807

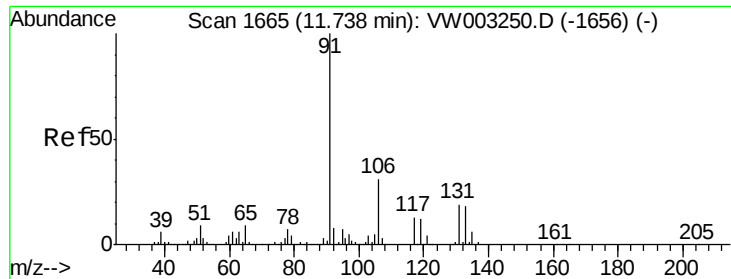
Ion Ratio Lower Upper

131 100

133 98.0 47.3 142.0

119 67.1 32.5 97.4

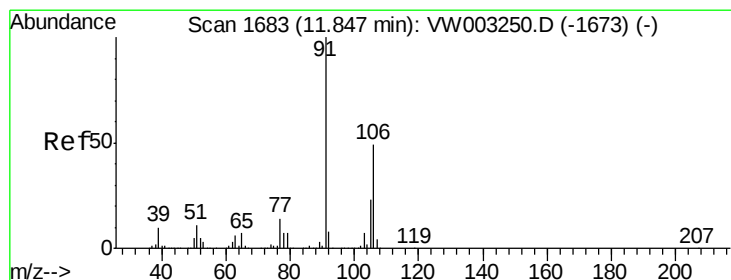
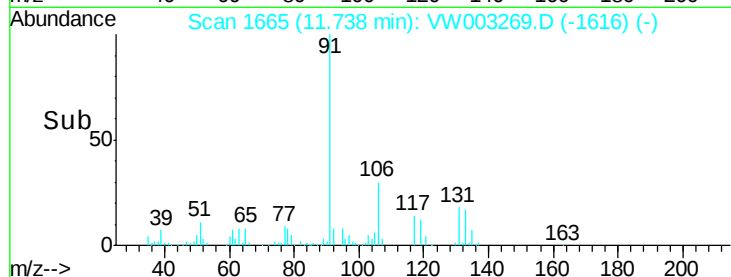
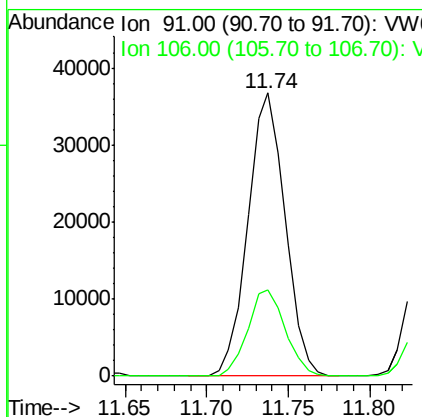
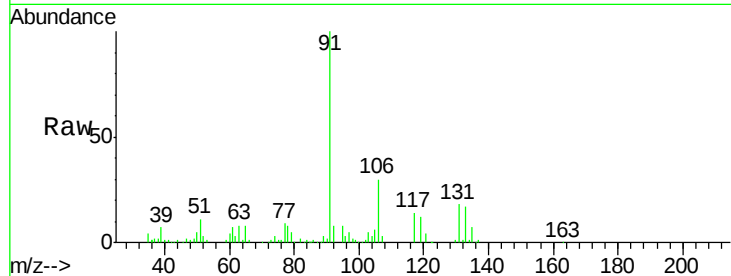




#67
Ethyl Benzene
Concen: 4.585 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

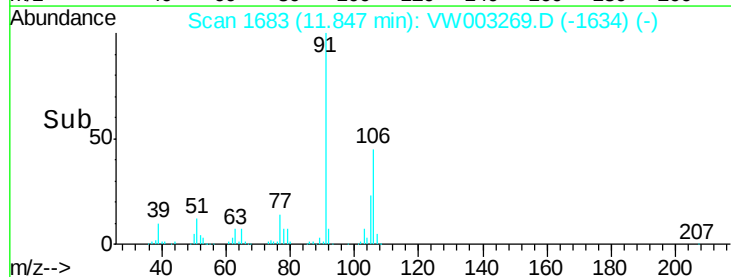
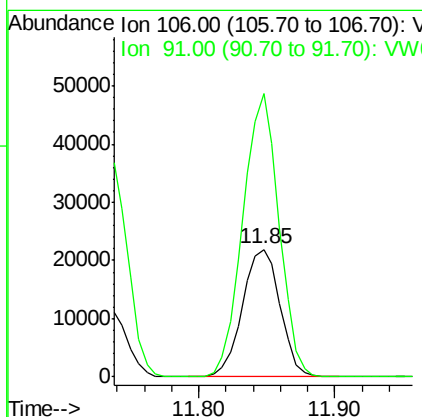
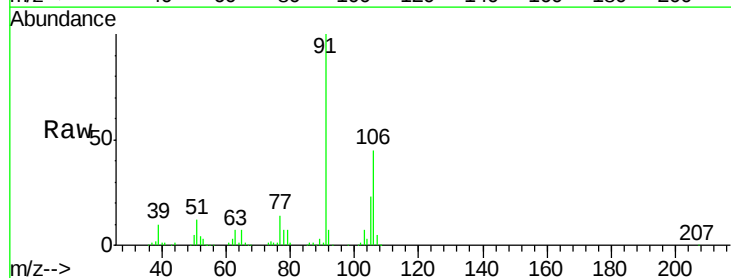
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

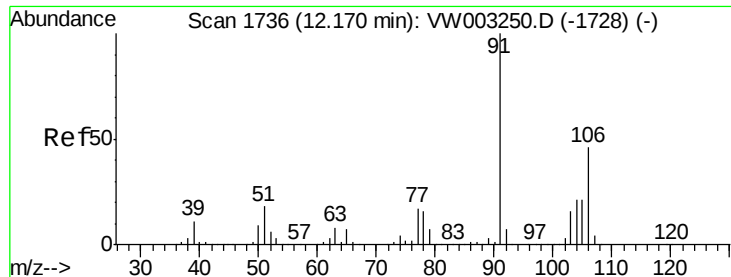
Tgt Ion: 91 Resp: 58400
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 8.777 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion: 106 Resp: 42502
Ion Ratio Lower Upper
106 100
91 213.5 165.4 248.0

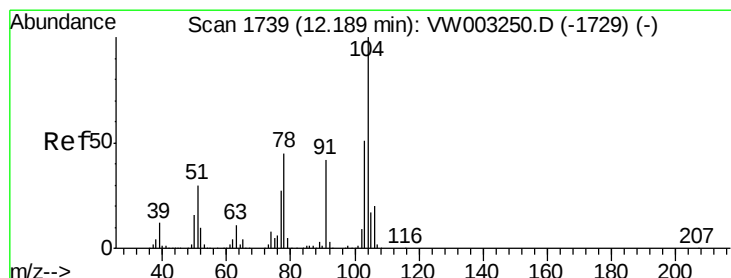
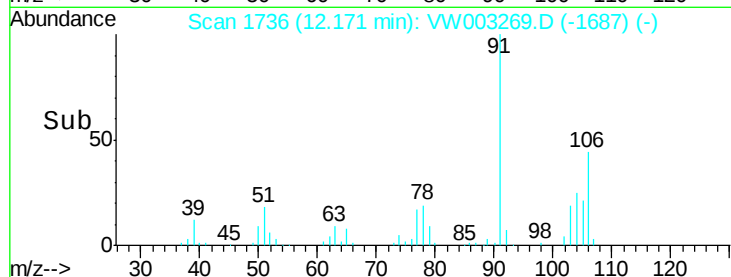
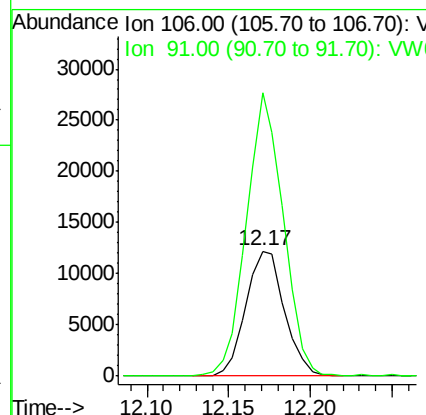
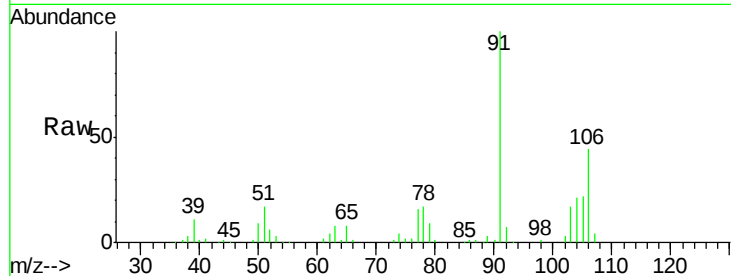




#69
o-Xylene
Concen: 4.472 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

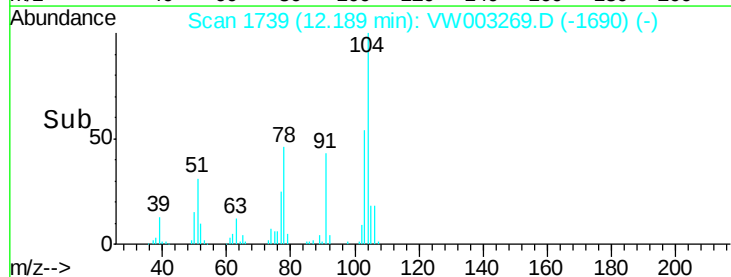
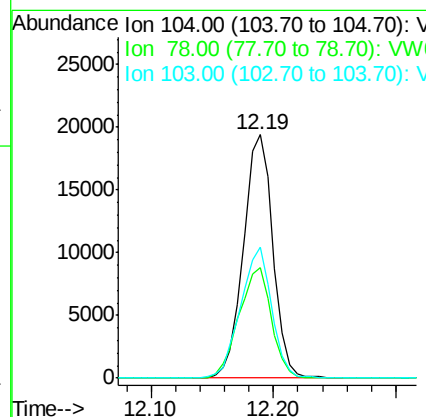
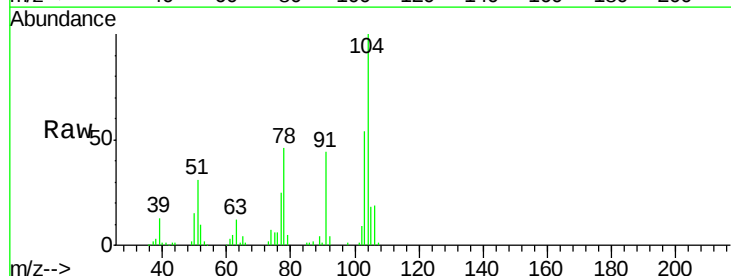
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

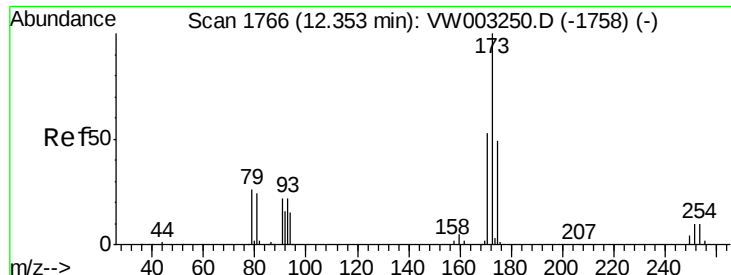
Tgt Ion:106 Resp: 20071
Ion Ratio Lower Upper
106 100
91 217.2 108.6 325.6



#70
Styrene
Concen: 4.336 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion:104 Resp: 32390
Ion Ratio Lower Upper
104 100
78 49.9 41.3 61.9
103 56.8 45.0 67.4

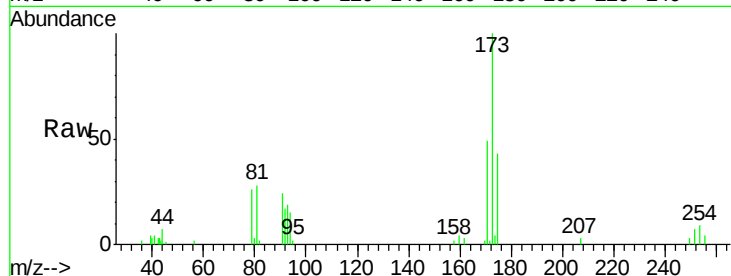




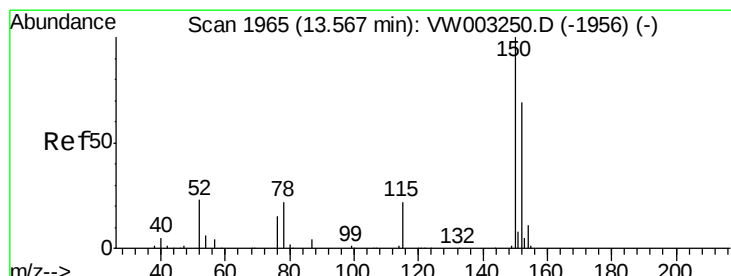
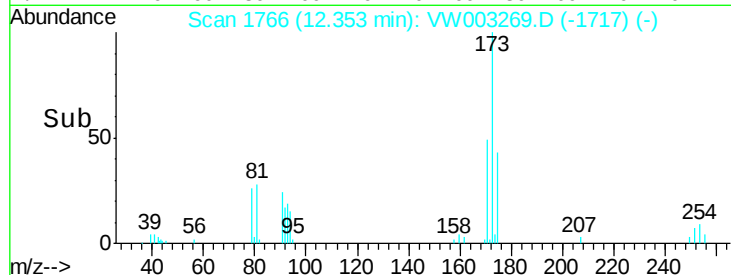
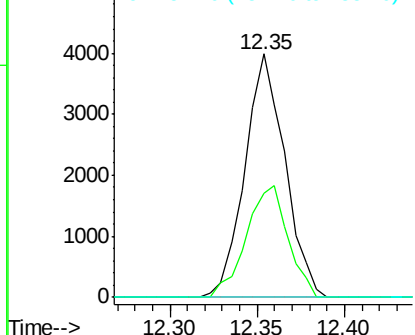
#71
Bromoform
Concen: 4.845 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tgt Ion:173 Resp: 6341
Ion Ratio Lower Upper
173 100
175 47.7 24.4 73.4
254 0.0 0.1 0.1#

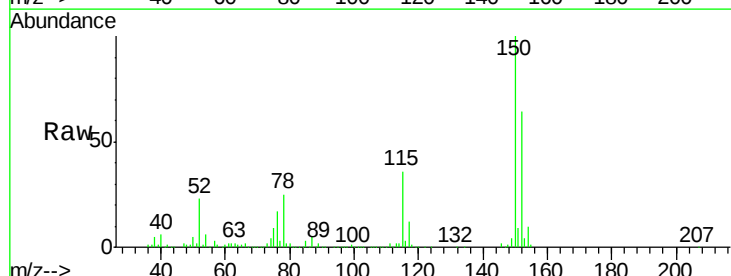


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

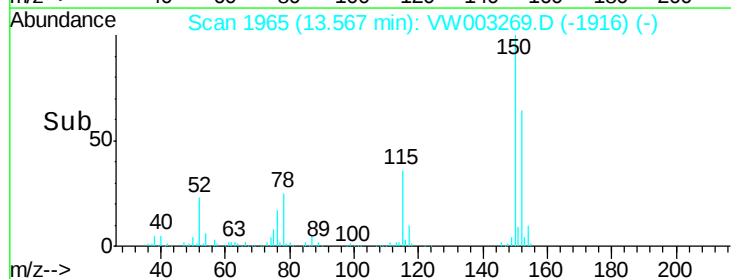
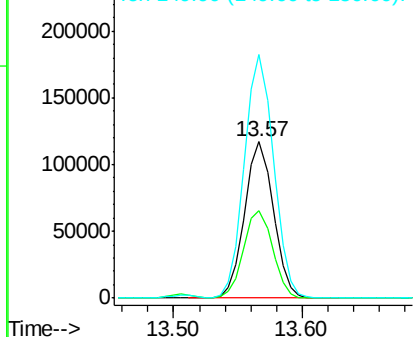


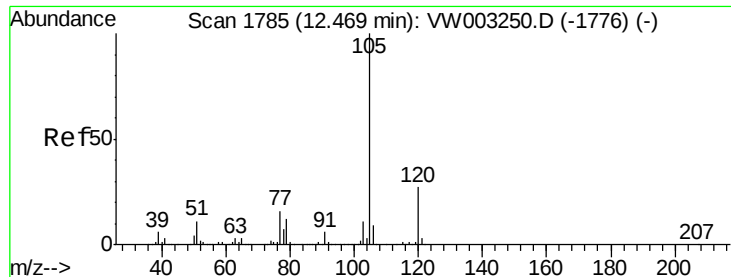
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003269.D
Acq: 14 Jun 2018 22:16

Tgt Ion:152 Resp: 181369
Ion Ratio Lower Upper
152 100
115 56.7 29.3 88.0
150 157.7 0.0 349.6



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





#73

Isopropylbenzene

Concen: 4.403 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

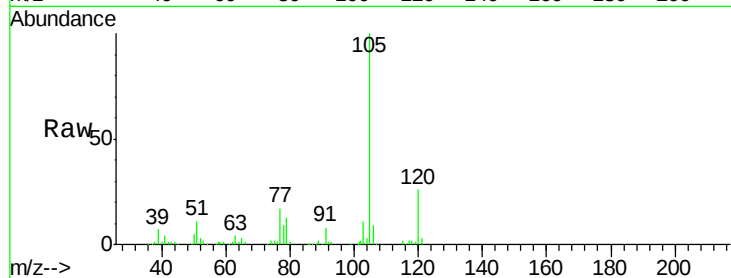
LOQ-SCM-Precision-Bias-4

Tgt Ion:105 Resp: 55539

Ion Ratio Lower Upper

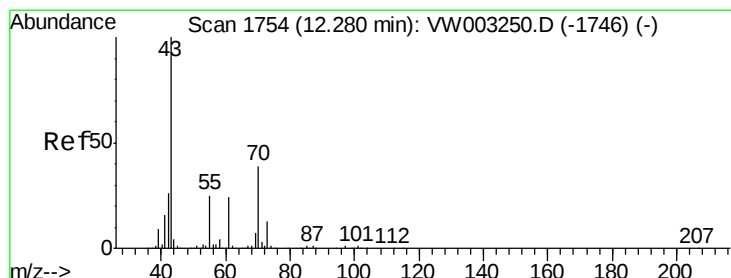
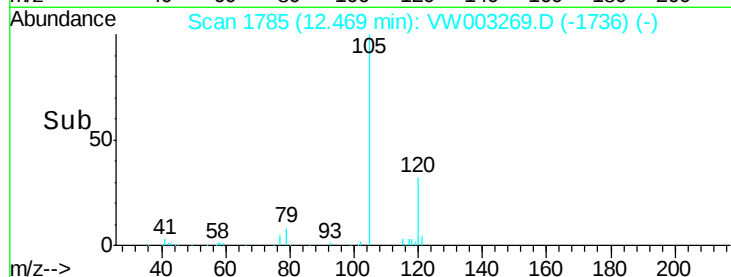
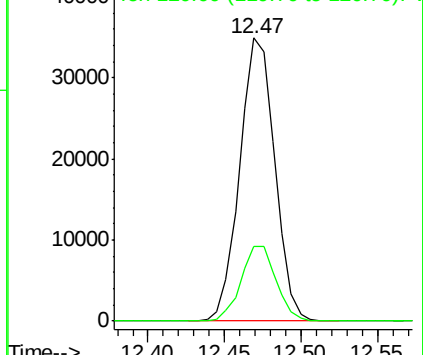
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.648 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Tgt Ion: 43 Resp: 13345

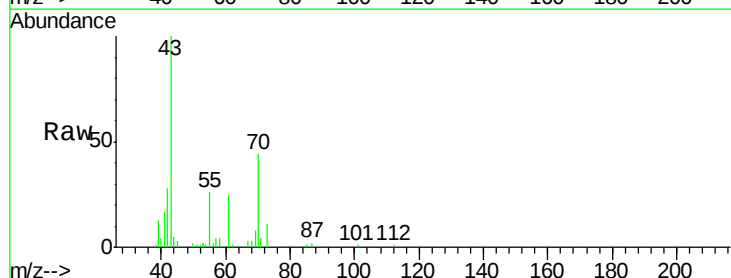
Ion Ratio Lower Upper

43 100

70 37.8 31.0 46.6

55 25.5 19.7 29.5

61 22.1 18.1 27.1

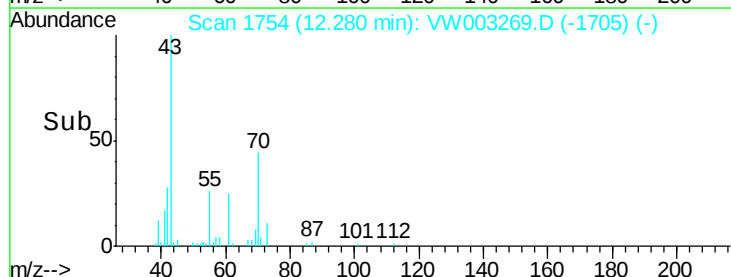
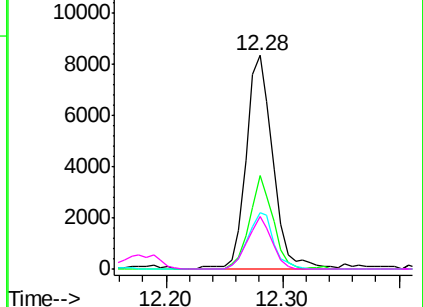


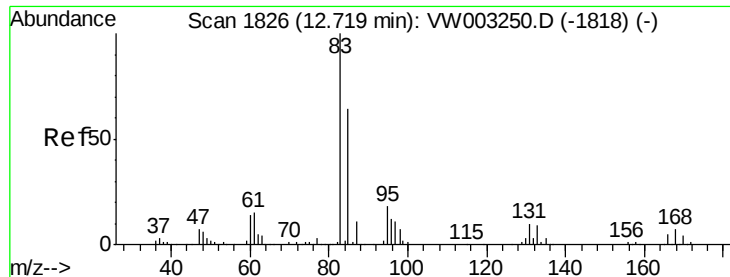
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 5.199 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

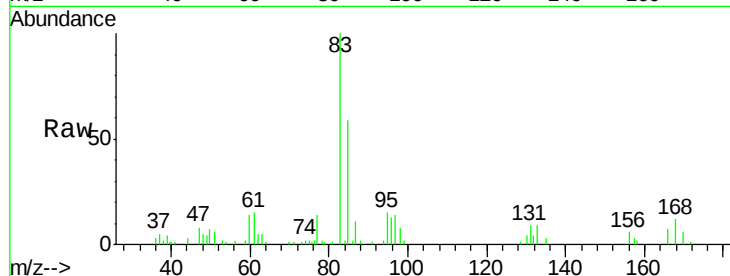
Tgt Ion: 83 Resp: 11096

Ion Ratio Lower Upper

83 100

131 9.6 5.4 16.2

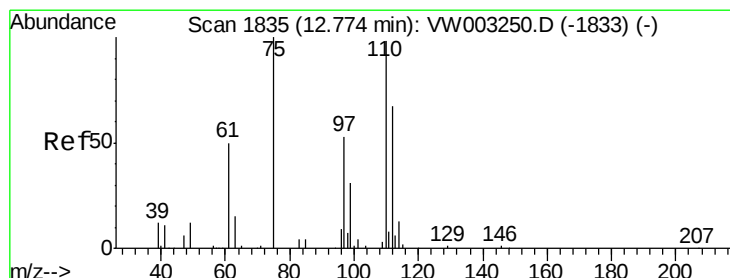
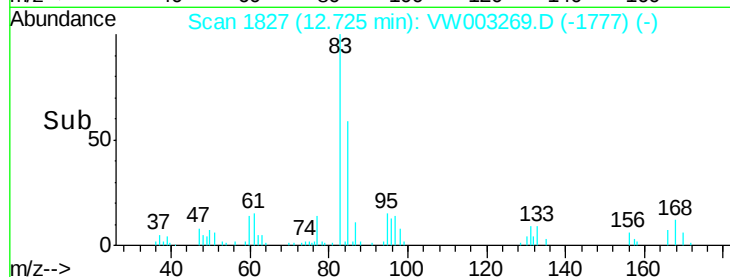
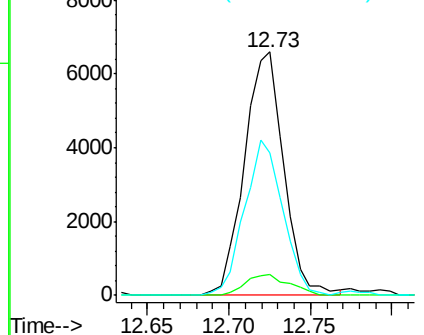
85 62.1 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.099 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003269.D

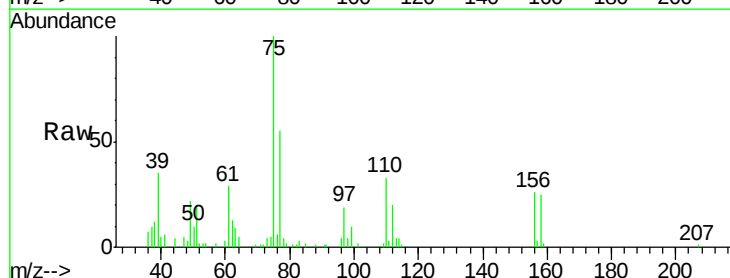
Acq: 14 Jun 2018 22:16

Tgt Ion: 75 Resp: 14108

Ion Ratio Lower Upper

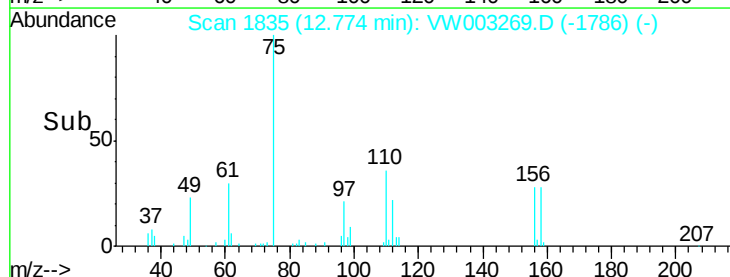
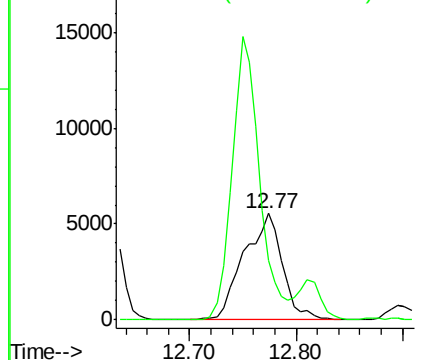
75 100

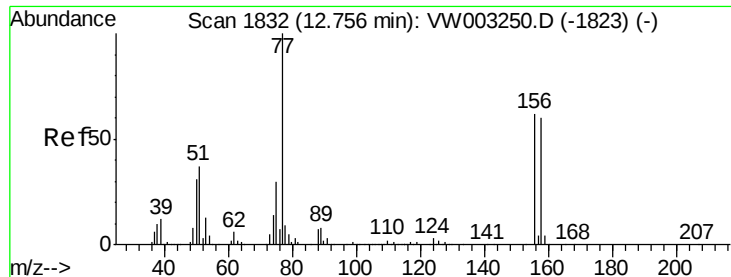
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 4.829 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

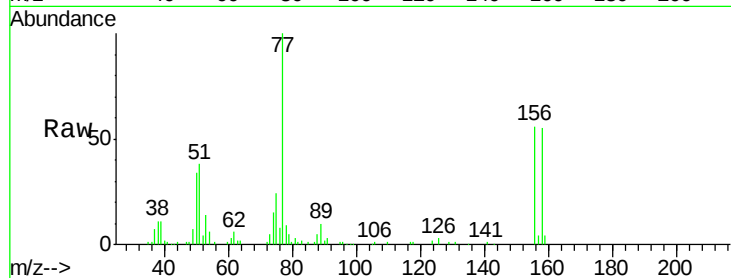
Tgt Ion:156 Resp: 14186

Ion Ratio Lower Upper

156 100

77 187.8 92.3 276.9

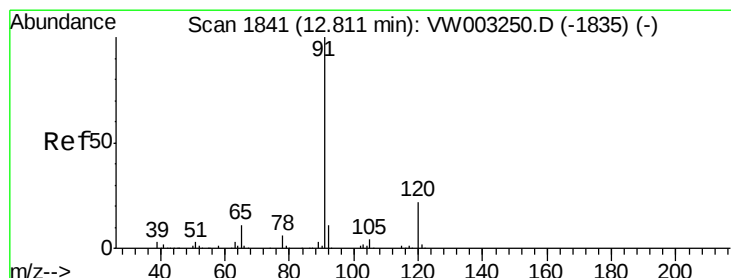
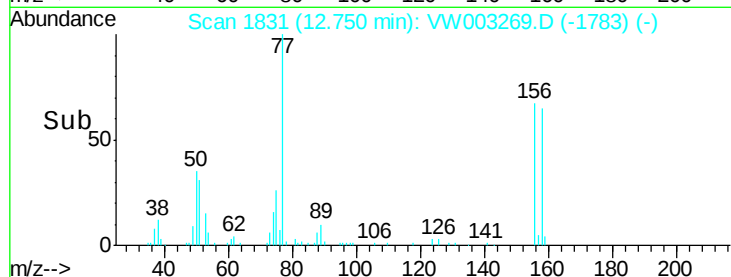
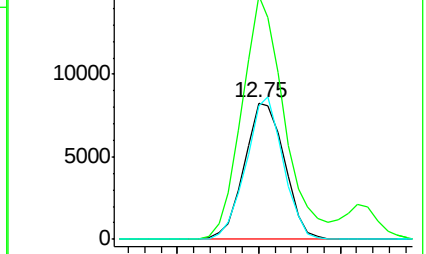
158 96.5 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.387 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003269.D

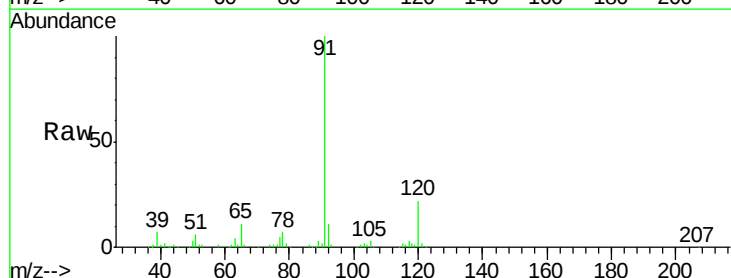
Acq: 14 Jun 2018 22:16

Tgt Ion: 91 Resp: 67769

Ion Ratio Lower Upper

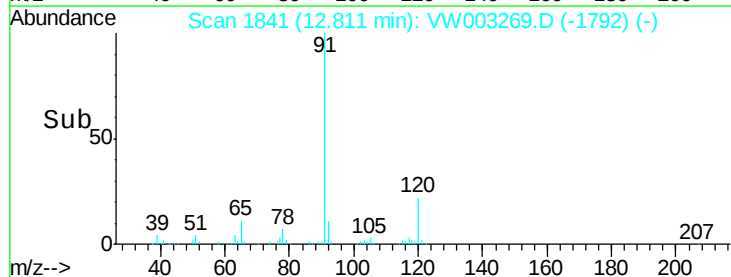
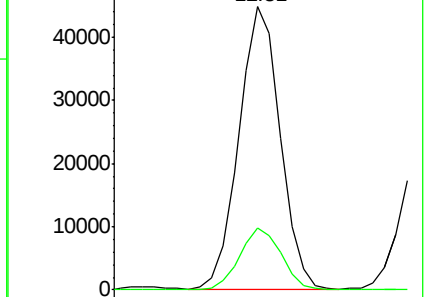
91 100

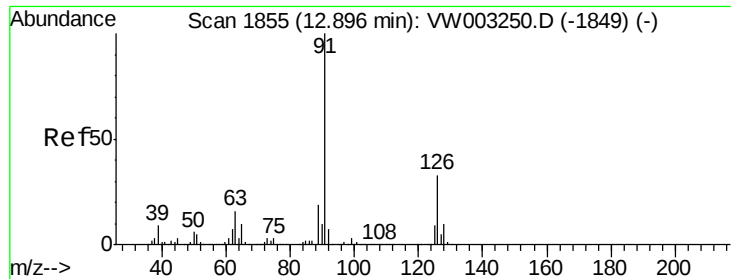
120 21.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.500 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

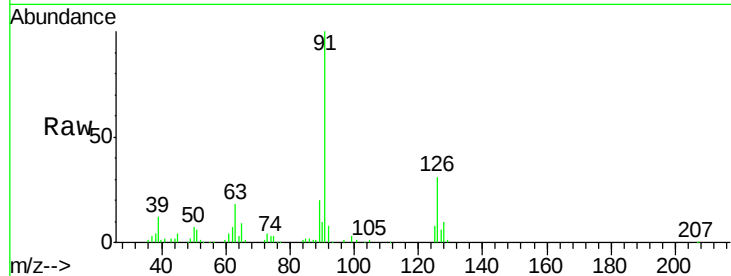
LOQ-SCM-Precision-Bias-4

Tgt Ion: 91 Resp: 39285

Ion Ratio Lower Upper

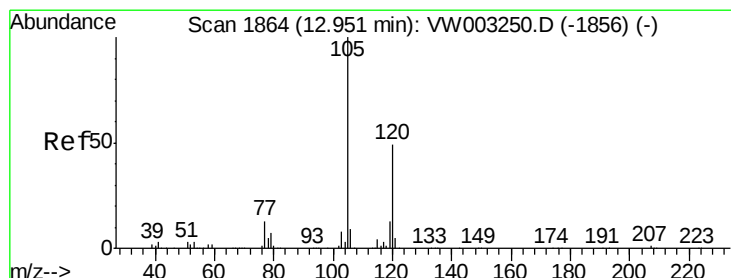
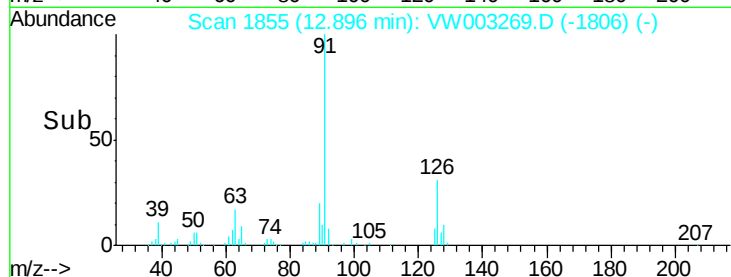
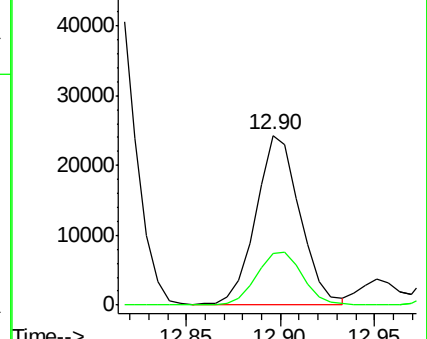
91 100

126 32.6 16.8 50.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 4.318 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003269.D

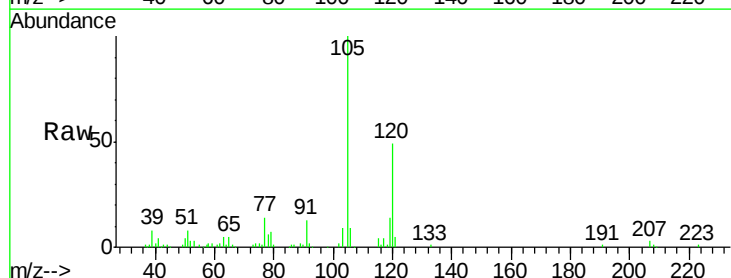
Acq: 14 Jun 2018 22:16

Tgt Ion: 105 Resp: 45726

Ion Ratio Lower Upper

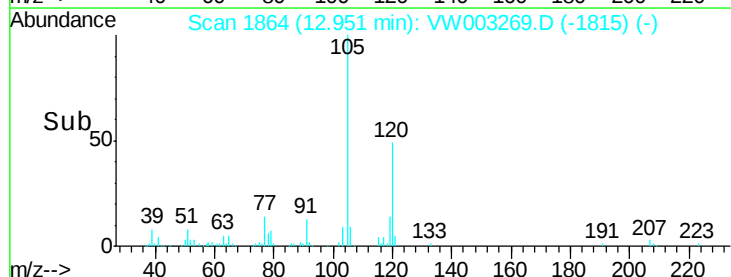
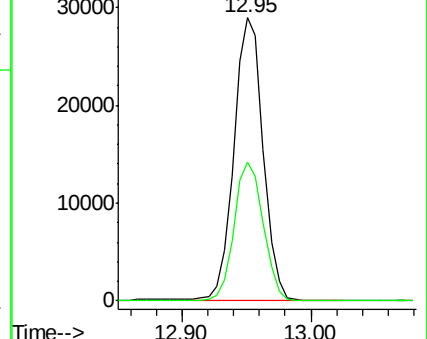
105 100

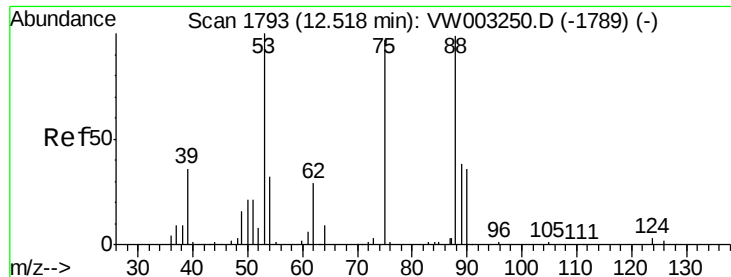
120 48.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 4.362 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

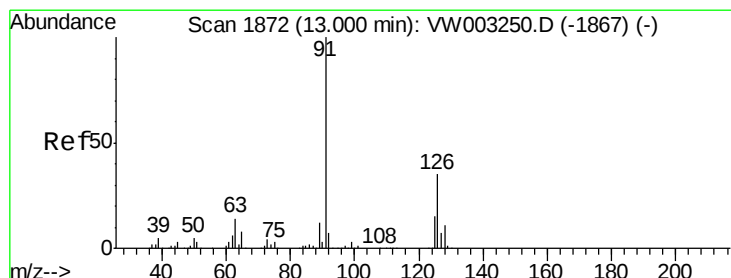
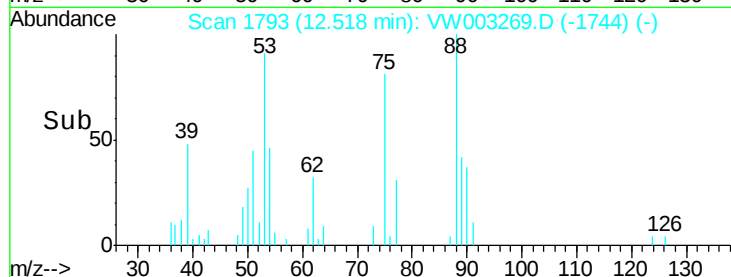
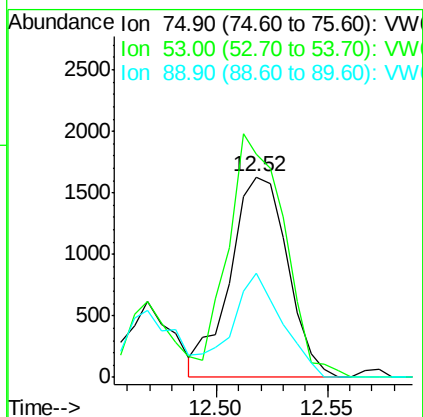
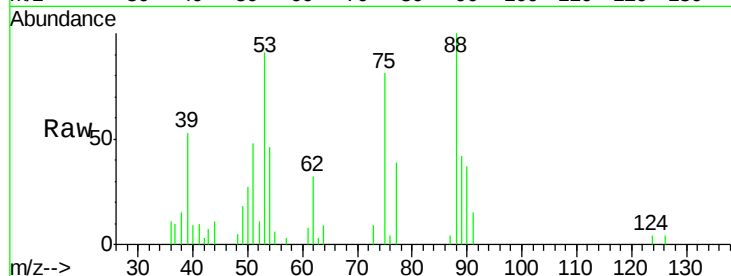
Tgt Ion: 75 Resp: 2939

Ion Ratio Lower Upper

75 100

53 116.9 82.9 124.3

89 44.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 4.654 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003269.D

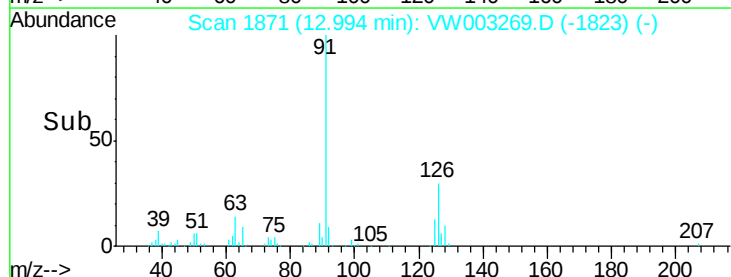
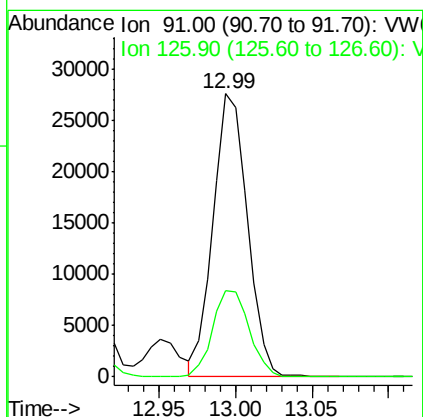
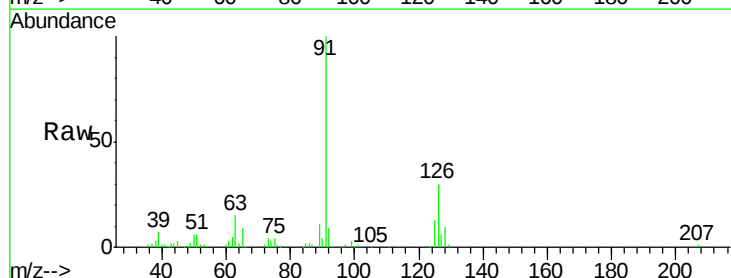
Acq: 14 Jun 2018 22:16

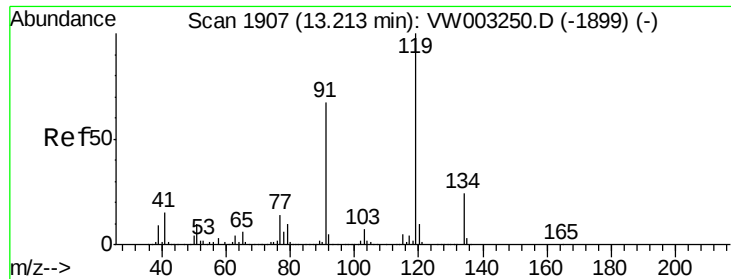
Tgt Ion: 91 Resp: 43100

Ion Ratio Lower Upper

91 100

126 32.5 16.8 50.3

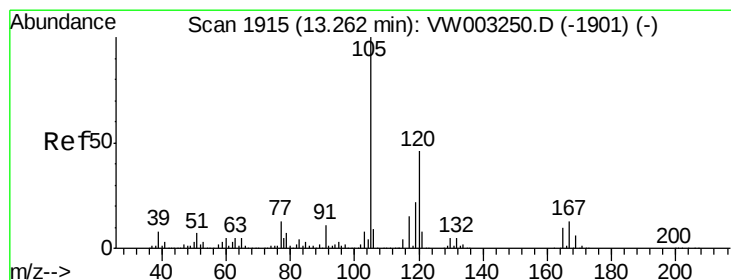
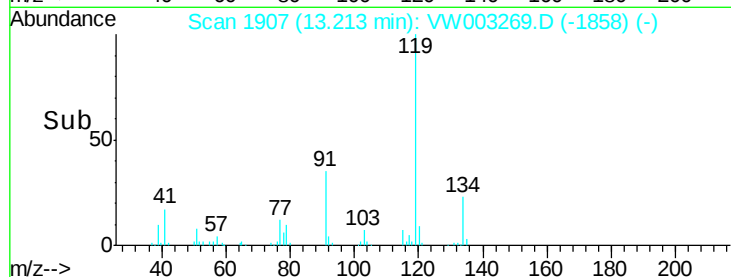
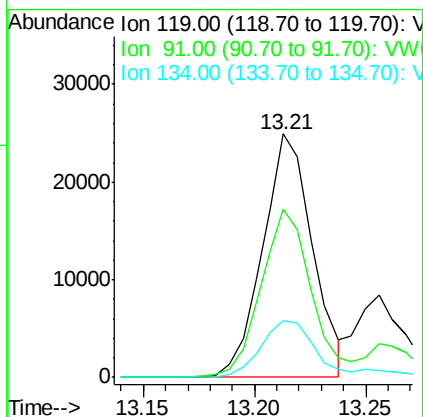
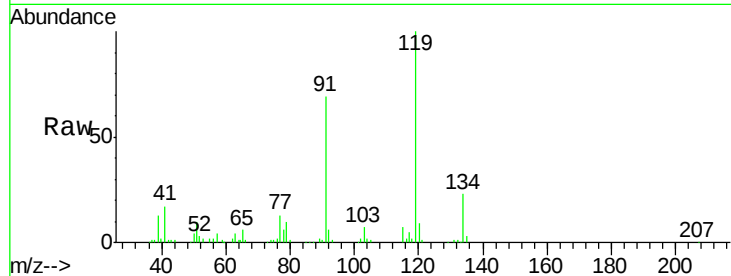




#83
 tert-Butylbenzene
 Concen: 4.284 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

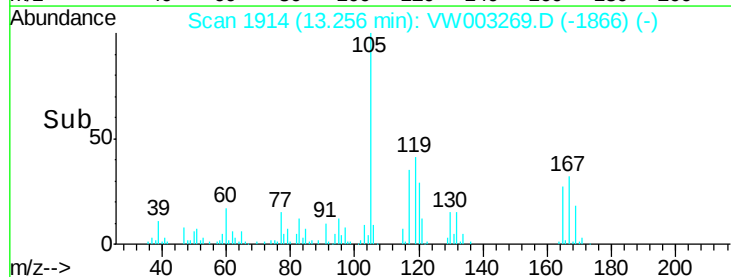
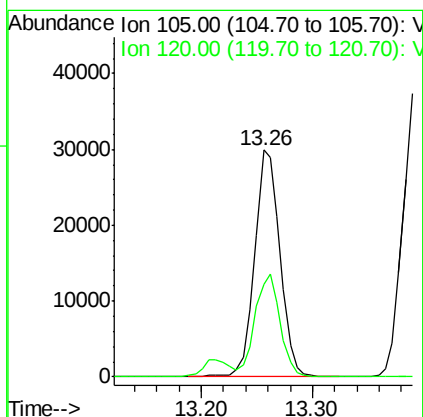
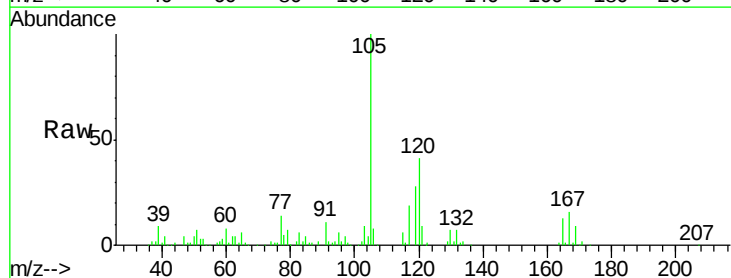
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

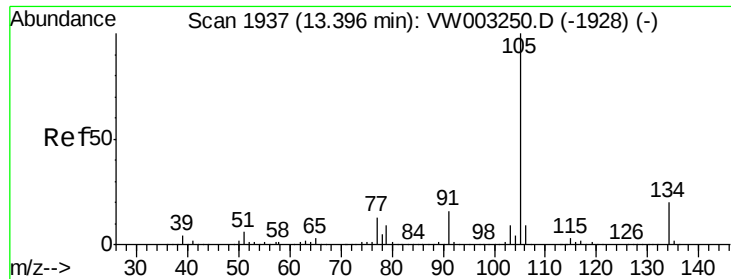
Tgt Ion:119 Resp: 38660
 Ion Ratio Lower Upper
 119 100
 91 69.9 33.9 101.7
 134 24.9 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 4.361 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion:105 Resp: 47498
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.5 67.5

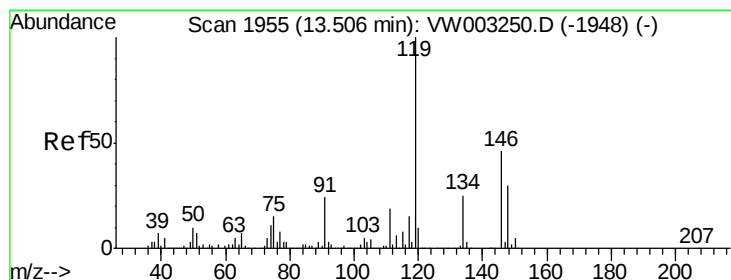
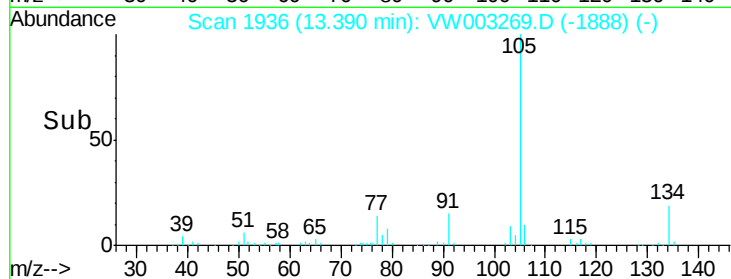
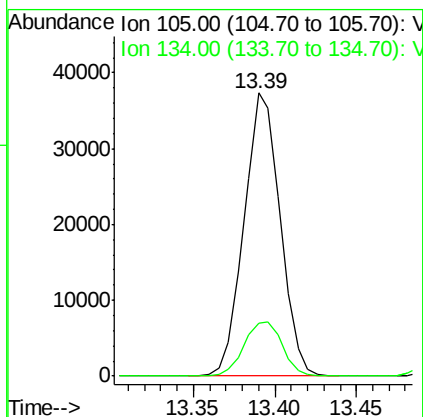
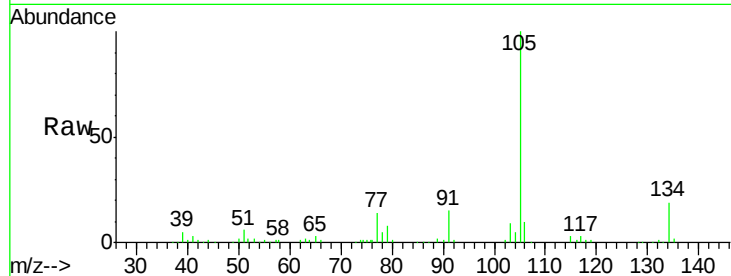




#85
 sec-Butylbenzene
 Concen: 4.300 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

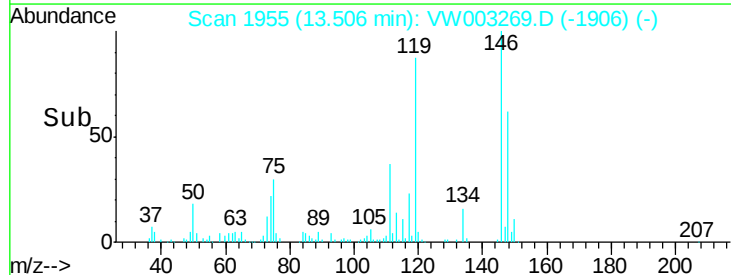
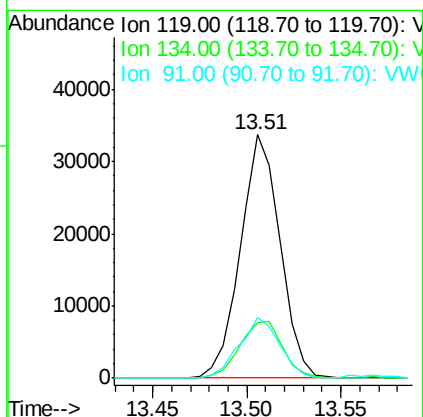
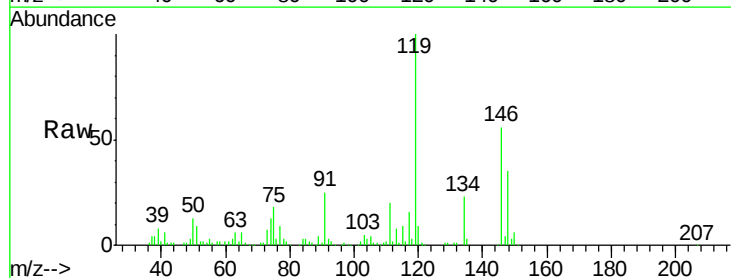
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

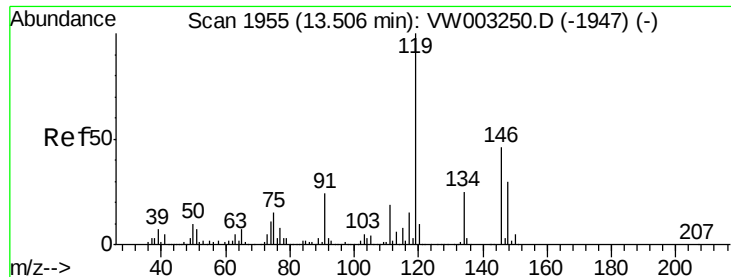
Tgt Ion:105 Resp: 57674
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 4.164 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion:119 Resp: 49264
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.7
 91 25.8 11.8 35.3

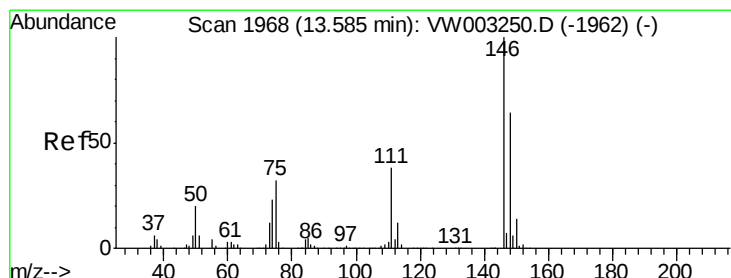
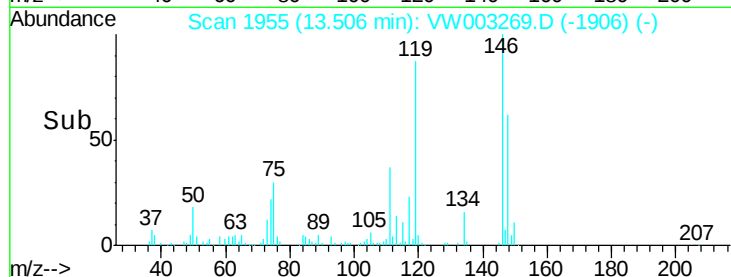
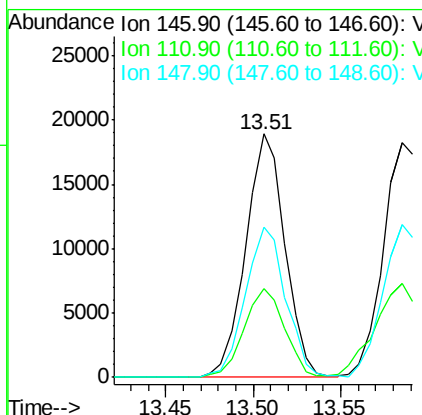
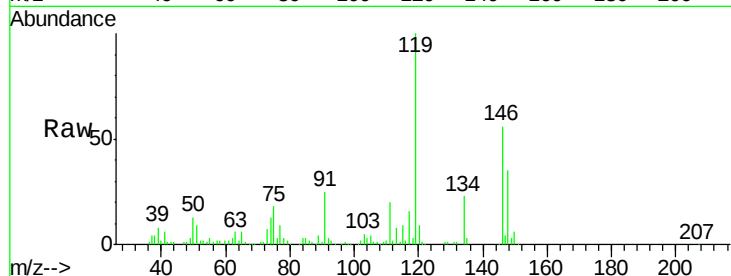




#87
 1,3-Dichlorobenzene
 Concen: 4.887 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

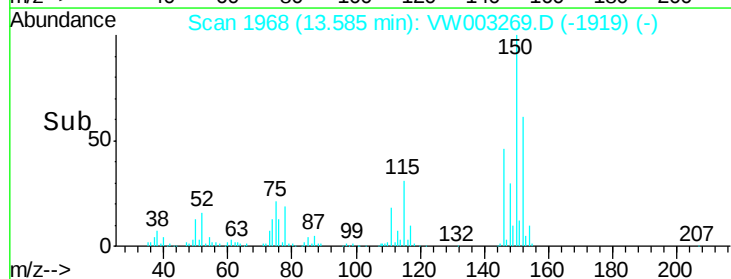
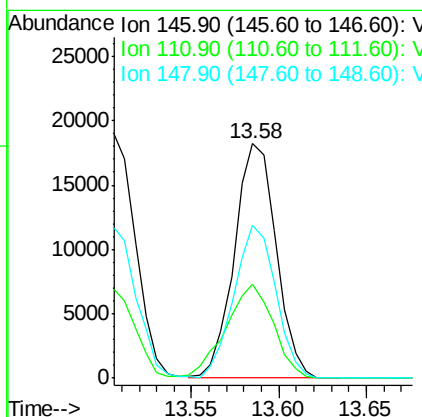
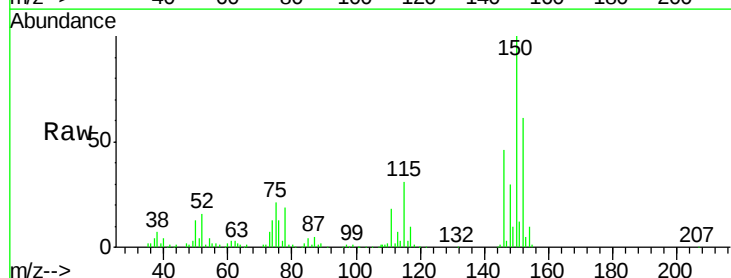
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

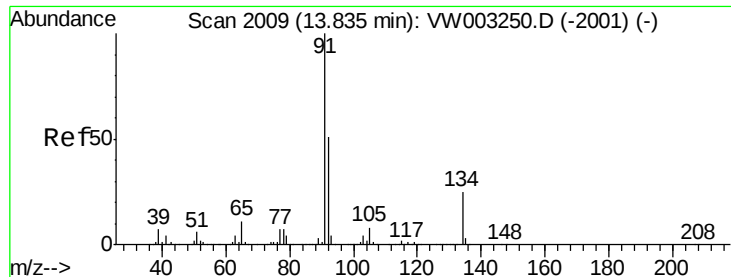
Tgt Ion:146 Resp: 29495
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.039 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion:146 Resp: 30233
 Ion Ratio Lower Upper
 146 100
 111 45.5 19.2 57.6
 148 65.7 31.8 95.4





#89

n-Butylbenzene

Concen: 4.323 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

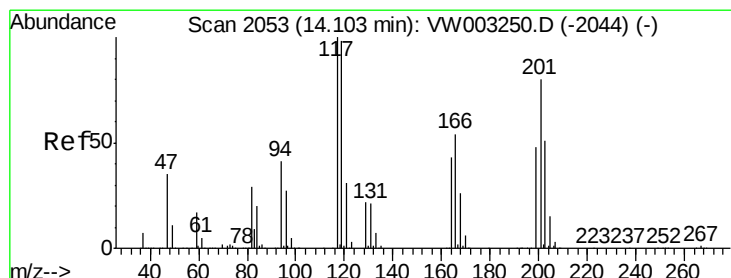
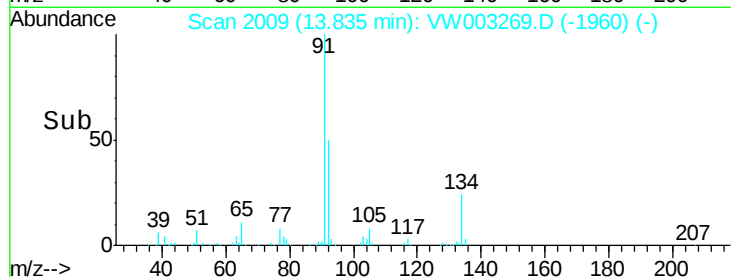
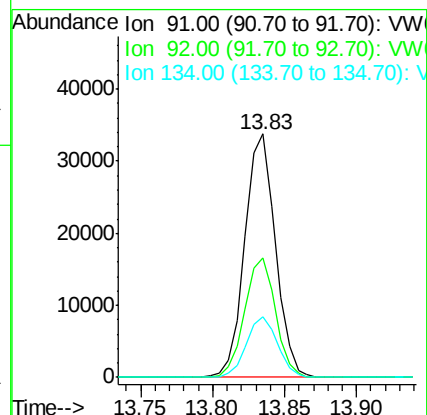
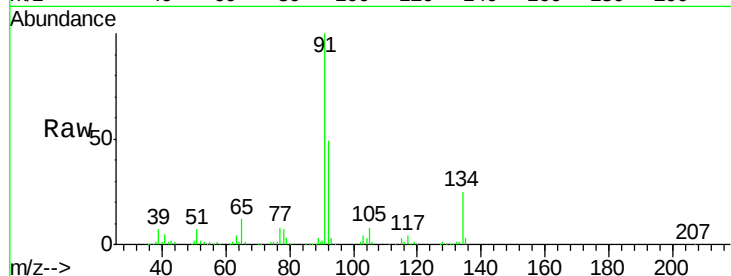
Tgt Ion: 91 Resp: 49850

Ion Ratio Lower Upper

91 100

92 49.3 26.0 78.0

134 25.3 12.7 38.0



#90

Hexachloroethane

Concen: 4.759 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003269.D

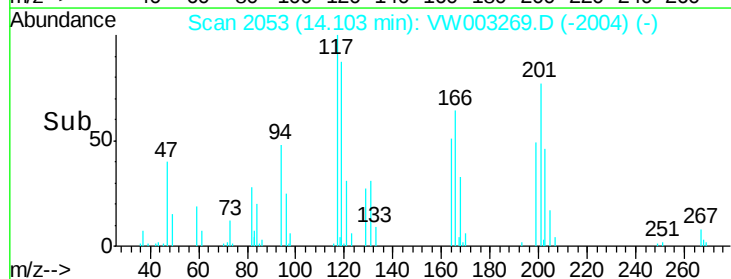
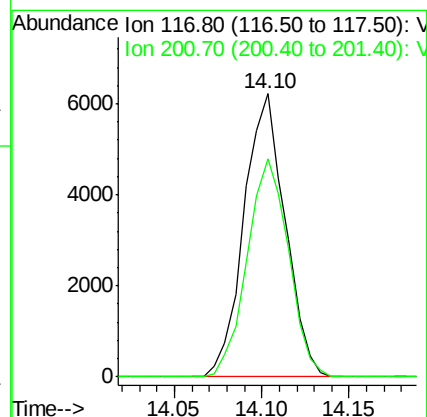
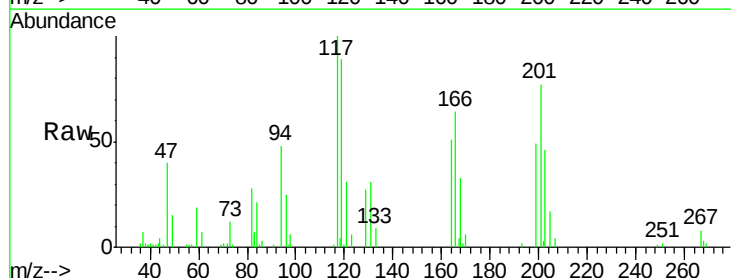
Acq: 14 Jun 2018 22:16

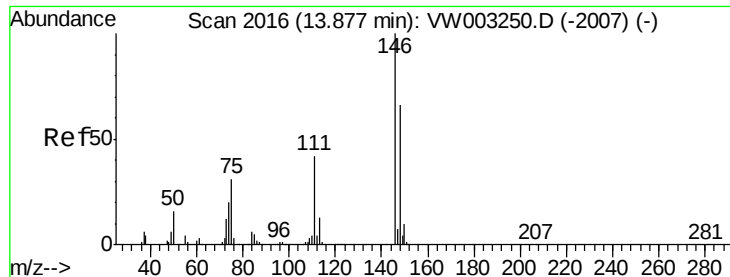
Tgt Ion: 117 Resp: 10184

Ion Ratio Lower Upper

117 100

201 77.4 39.5 118.5

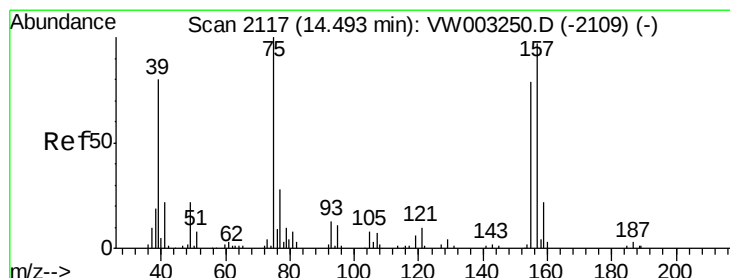
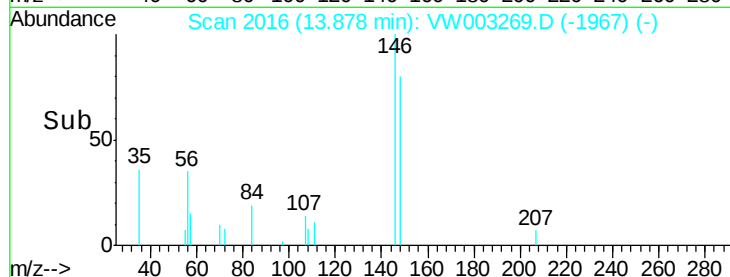
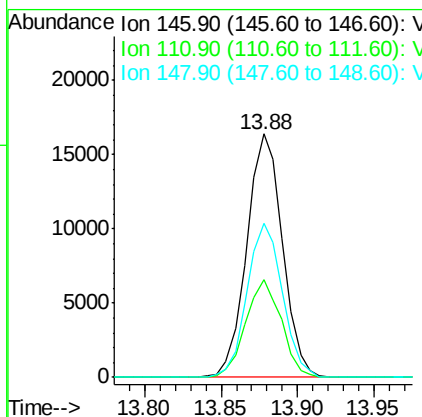
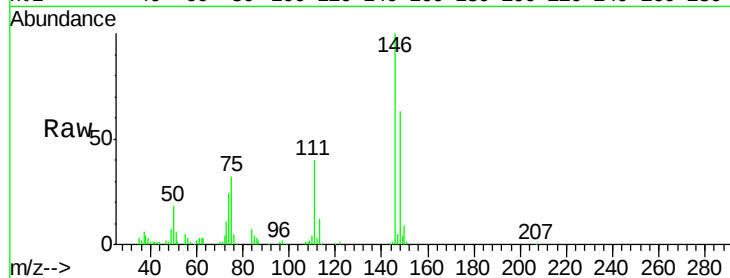




#91
 1,2-Dichlorobenzene
 Concen: 5.015 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

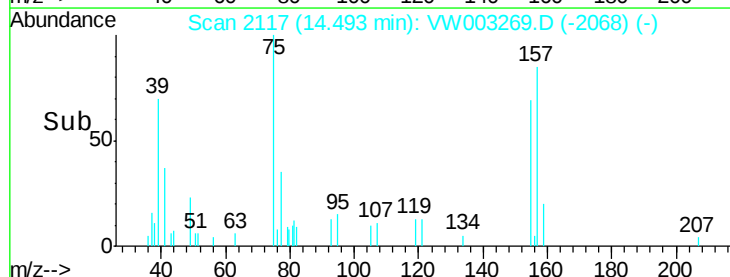
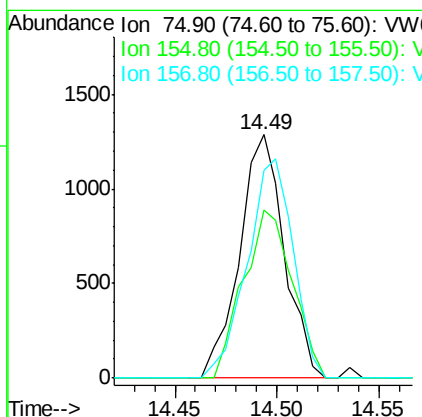
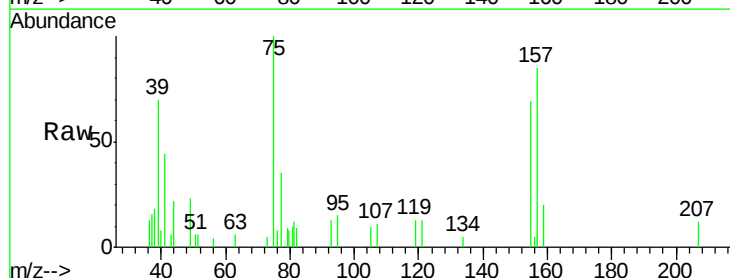
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

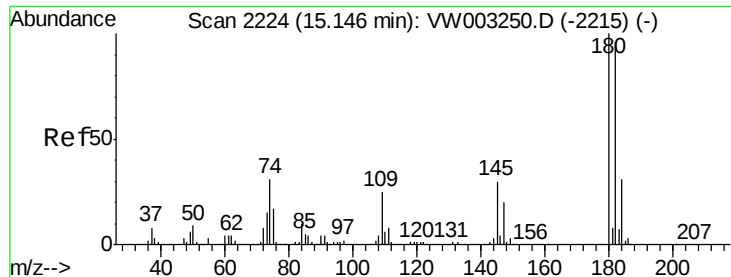
Tgt Ion: 146 Resp: 26515
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 61.0
 148 63.0 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.460 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion: 75 Resp: 1961
 Ion Ratio Lower Upper
 75 100
 155 75.8 39.4 118.2
 157 92.8 51.5 154.5

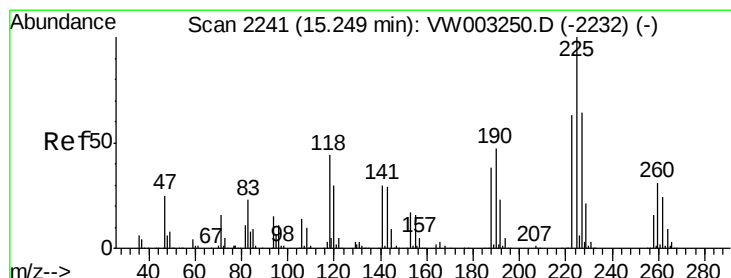
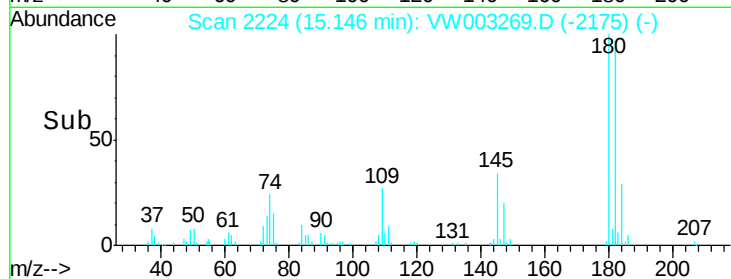
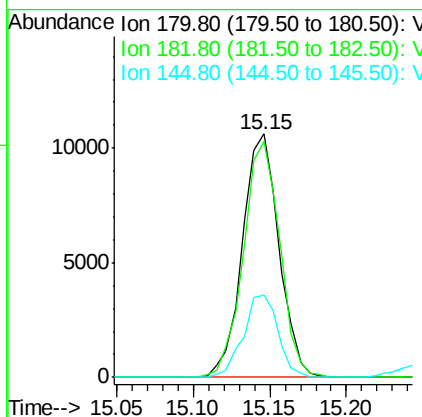
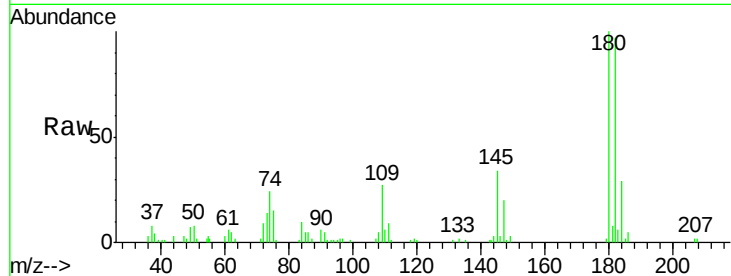




#93
 1,2,4-Trichlorobenzene
 Concen: 4.740 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

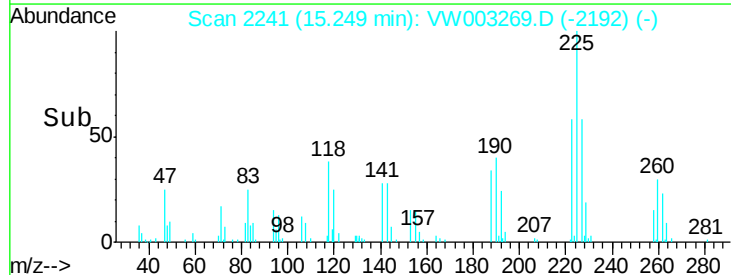
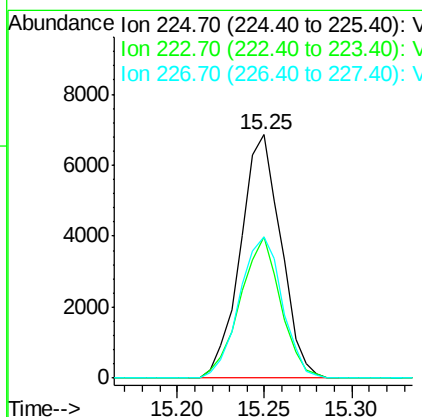
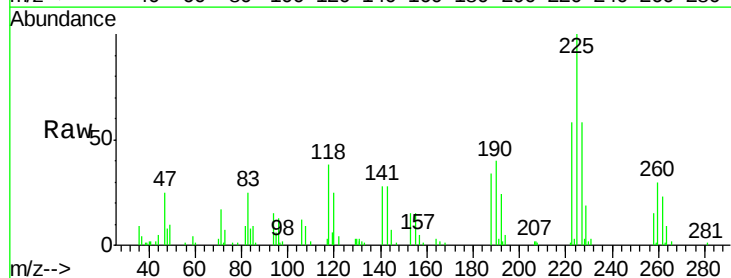
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 MSVOA_W
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

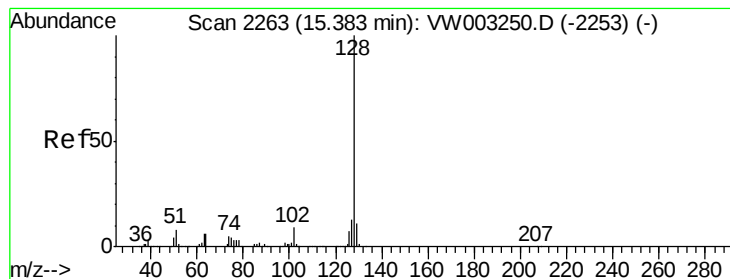
Tgt Ion:180 Resp: 17593
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.6
 145 32.0 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 4.941 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003269.D
 Acq: 14 Jun 2018 22:16

Tgt Ion:225 Resp: 11031
 Ion Ratio Lower Upper
 225 100
 223 58.1 30.6 92.0
 227 61.3 31.7 95.1





#95

Naphthalene

Concen: 4.296 ug/l

RT: 15.38 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SCM-Precision-Bias-4

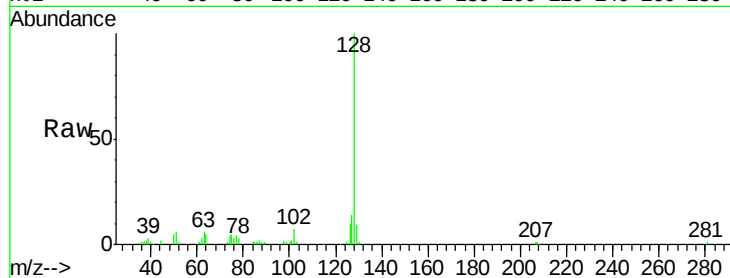
Tgt Ion:128 Resp: 27046

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

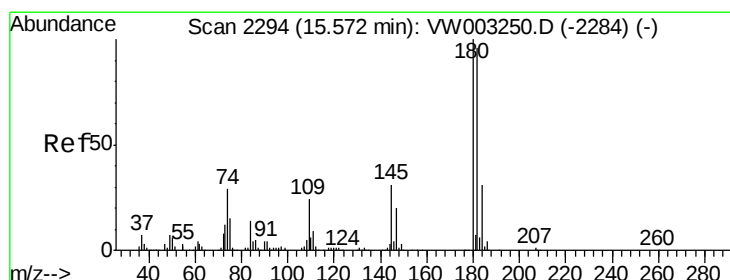
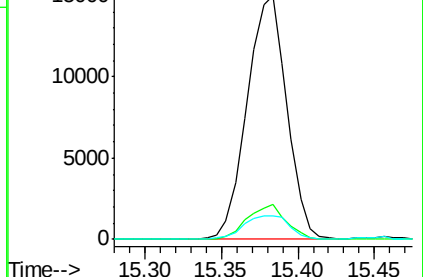
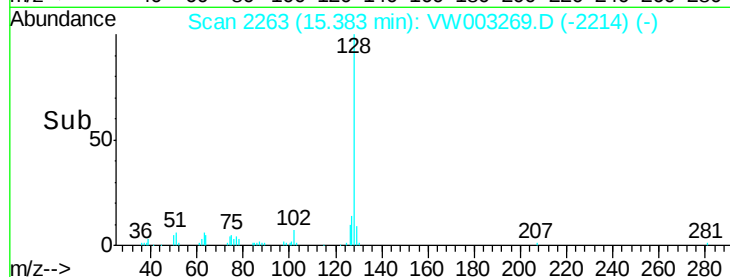
129 11.2 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.894 ug/l

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VW003269.D

Acq: 14 Jun 2018 22:16

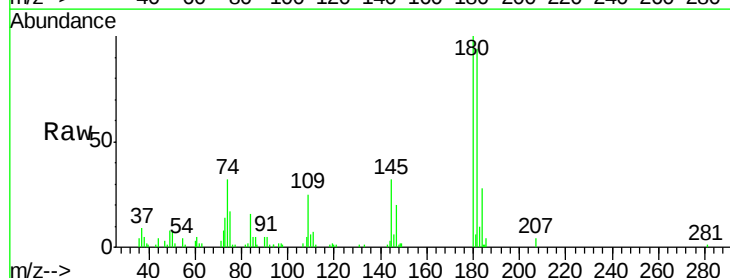
Tgt Ion:180 Resp: 15988

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.6

145 32.3 15.8 47.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

