

Data File : VW008216.D
Acq On : 12 Jan 2019 03:09
Operator : SY/VA
Sample : VW0111SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

Quant Time: Jan 12 03:40:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	152728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	142393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69378	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	52104	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
35) Dibromofluoromethane	7.88	113	51299	57.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.18%	
50) Toluene-d8	10.32	98	213613	57.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.30%	
62) 4-Bromofluorobenzene	12.62	95	74108	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	12236	17.292	ug/l	91
3) Chloromethane	2.21	50	17649	19.225	ug/l	94
4) Vinyl Chloride	2.37	62	22641	18.896	ug/l	90
5) Bromomethane	2.79	94	19279	21.479	ug/l	92
6) Chloroethane	2.92	64	16429	18.222	ug/l	92
7) Trichlorofluoromethane	3.26	101	17294	17.754	ug/l	90
8) Diethyl Ether	3.68	74	11605	21.074	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18888	19.530	ug/l	98
10) Methyl Iodide	4.26	142	29642	21.030	ug/l	99
11) Tert butyl alcohol	5.22	59	5471	72.314	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	19033	20.045	ug/l	85
13) Acrolein	3.90	56	4935	75.020	ug/l	94
14) Allyl chloride	4.67	41	32493	18.848	ug/l	96
15) Acrylonitrile	5.38	53	22310	106.416	ug/l	98
16) Acetone	4.14	43	16914	82.382	ug/l	95
17) Carbon Disulfide	4.37	76	56950	19.200	ug/l	99
18) Methyl Acetate	4.68	43	12359	20.067	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	31210	20.219	ug/l	97
20) Methylene Chloride	4.91	84	23085	21.301	ug/l	87
21) trans-1,2-Dichloroethene	5.42	96	21421	20.760	ug/l	89
22) Diisopropyl ether	6.31	45	67086	20.404	ug/l	96
23) Vinyl Acetate	6.26	43	168124	97.364	ug/l	98
24) 1,1-Dichloroethane	6.22	63	39645	20.695	ug/l	99
25) 2-Butanone	7.18	43	26435	97.499	ug/l	97
26) 2,2-Dichloropropane	7.17	77	24862	19.154	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	23433	20.815	ug/l	95
28) Bromochloromethane	7.51	49	13862	18.294	ug/l	96
29) Tetrahydrofuran	7.53	42	17074	94.273	ug/l	95
30) Chloroform	7.68	83	39018	21.398	ug/l	93
31) Cyclohexane	7.95	56	34684	16.913	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	32341	20.384	ug/l	99
36) 1,1-Dichloropropene	8.09	75	30501	19.387	ug/l	97
37) Ethyl Acetate	7.26	43	12398	19.670	ug/l #	95
38) Carbon Tetrachloride	8.07	117	28740	19.959	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34942	17.516	ug/l	90
40) Benzene	8.32	78	88010	20.625	ug/l	98
41) Methacrylonitrile	7.48	41	7574	19.023	ug/l	96
42) 1,2-Dichloroethane	8.40	62	24403	20.333	ug/l	98
43) Isopropyl Acetate	8.43	43	23771	18.863	ug/l	96
44) Trichloroethene	9.09	130	22584	20.675	ug/l	97
45) 1,2-Dichloropropane	9.37	63	22411	21.181	ug/l	100
46) Dibromomethane	9.46	93	11135	21.429	ug/l	98
47) Bromodichloromethane	9.65	83	28342	21.481	ug/l	97
48) Methyl methacrylate	9.44	41	11428	19.219	ug/l	91
49) 1,4-Dioxane	9.48	88	3784	452.826	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	61018	100.029	ug/l	98
52) Toluene	10.39	92	56570	20.759	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	27075	19.728	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	32458	19.944	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	16095	22.062	ug/l	98
56) Ethyl methacrylate	10.65	69	18368	20.330	ug/l	96
57) 1,3-Dichloropropane	10.93	76	28337	21.238	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	48761	104.482	ug/l	99
59) 2-Hexanone	10.97	43	40106	97.223	ug/l	98
60) Dibromochloromethane	11.13	129	17923	22.372	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15437	22.300	ug/l	97
64) Tetrachloroethene	10.87	164	19097	20.608	ug/l	97
65) Chlorobenzene	11.66	112	61565	20.408	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	20406	20.797	ug/l	97
67) Ethyl Benzene	11.73	91	107172	19.416	ug/l	97
68) m/p-Xylenes	11.84	106	83408	39.590	ug/l	99
69) o-Xylene	12.17	106	38606	19.788	ug/l	99
70) Styrene	12.18	104	62876	20.575	ug/l	98
71) Bromoform	12.35	173	10044	22.872	ug/l #	99
73) Isopropylbenzene	12.47	105	104397	19.167	ug/l	99
74) N-amyl acetate	12.27	43	23007	19.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	18571	21.301	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23062	36.464	ug/l #	1
77) Bromobenzene	12.75	156	23959	20.818	ug/l	92
78) n-propylbenzene	12.81	91	129709	19.435	ug/l	99
79) 2-Chlorotoluene	12.90	91	72982	19.601	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	91054	20.343	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	4974	18.314	ug/l	99
82) 4-Chlorotoluene	12.99	91	77149	19.673	ug/l	98
83) tert-Butylbenzene	13.21	119	75971	19.185	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	90863	19.683	ug/l	98
85) sec-Butylbenzene	13.39	105	110887	19.117	ug/l	100
86) p-Isopropyltoluene	13.51	119	95936	19.153	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	48789	20.898	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	48392	20.660	ug/l	99
89) n-Butylbenzene	13.83	91	92384	18.831	ug/l	98
90) Hexachloroethane	14.10	117	17444	20.618	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	43234	21.071	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2712	19.329	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011119\
Quantitation Report (Not Reviewed)

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ClientSampleId :
VW0111SBS02

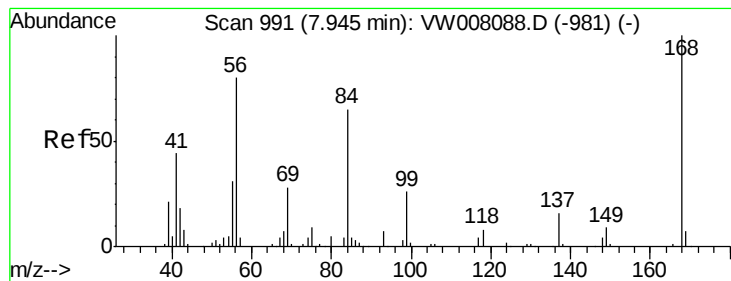
Quant Time: Jan 12 03:40:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26832	19.697	ug/l	98
94) Hexachlorobutadiene	15.24	225	15107	20.720	ug/l	97
95) Naphthalene	15.38	128	49604	19.502	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23455	20.198	ug/l	99

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

Quant Time: Jan 12 03:40:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

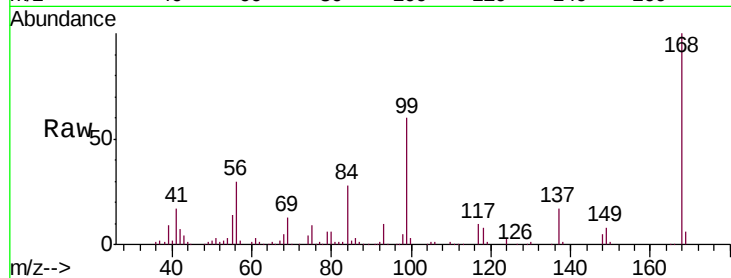
VW0111SBS02

Tgt Ion:168 Resp: 86704

Ion Ratio Lower Upper

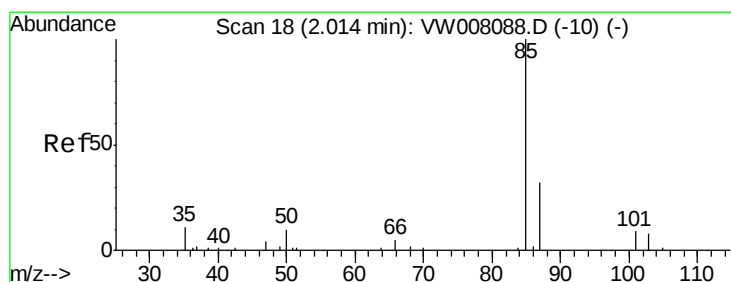
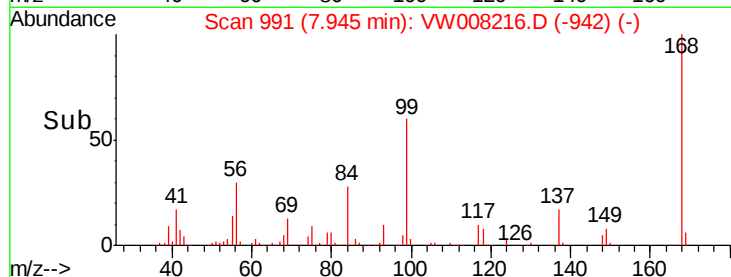
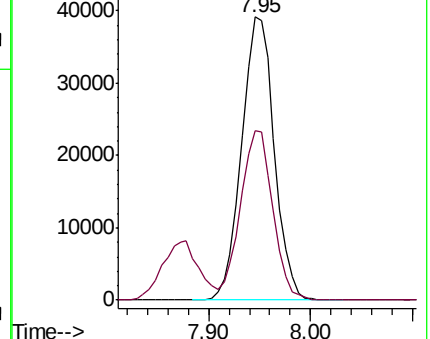
168 100

99 60.0 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.292 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008216.D

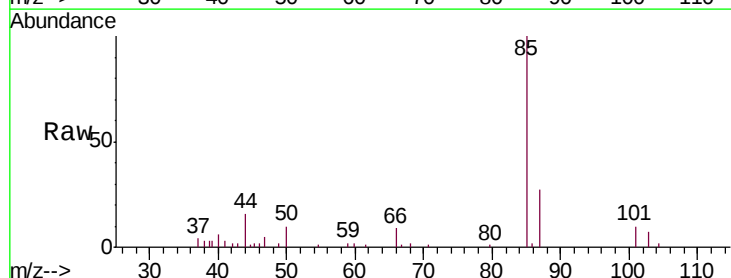
Acq: 12 Jan 2019 03:09

Tgt Ion: 85 Resp: 12236

Ion Ratio Lower Upper

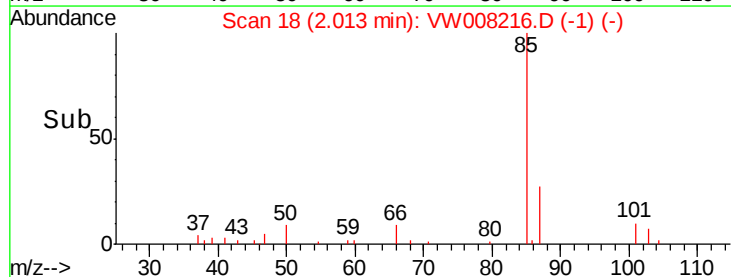
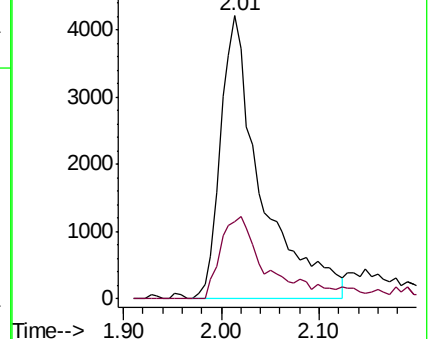
85 100

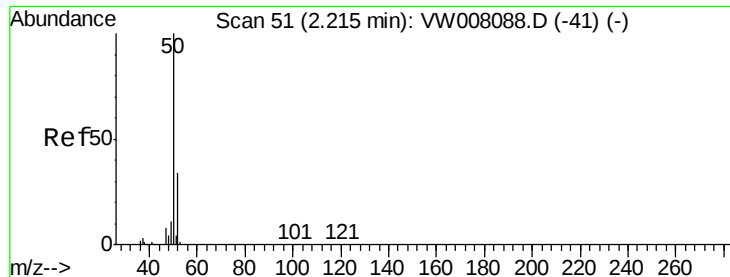
87 27.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.225 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

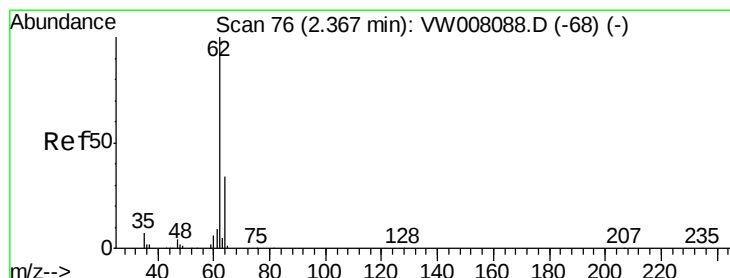
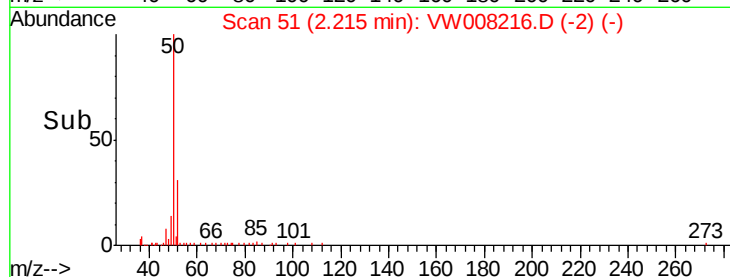
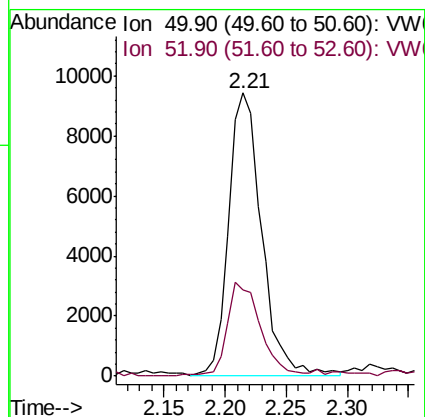
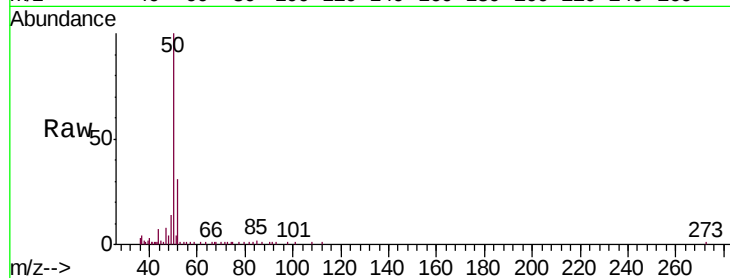
VW0111SBS02

Tgt Ion: 50 Resp: 17649

Ion Ratio Lower Upper

50 100

52 29.9 26.8 40.2



#4

Vinyl Chloride

Concen: 18.896 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008216.D

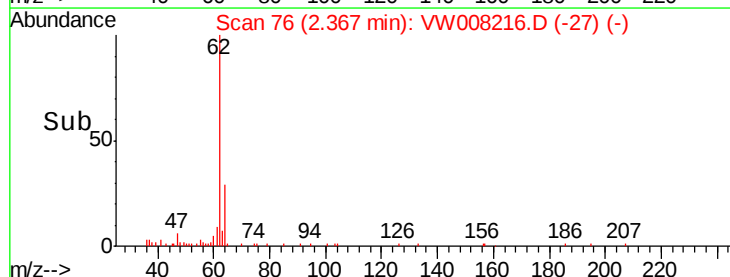
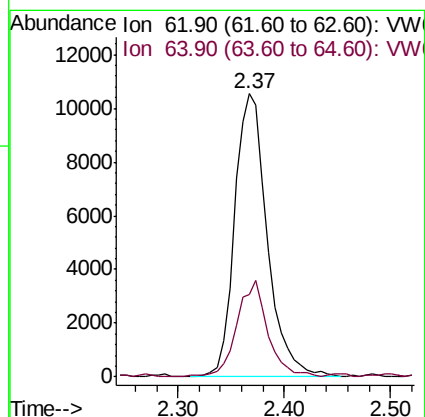
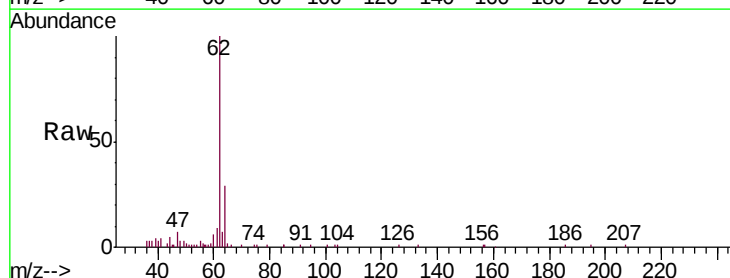
Acq: 12 Jan 2019 03:09

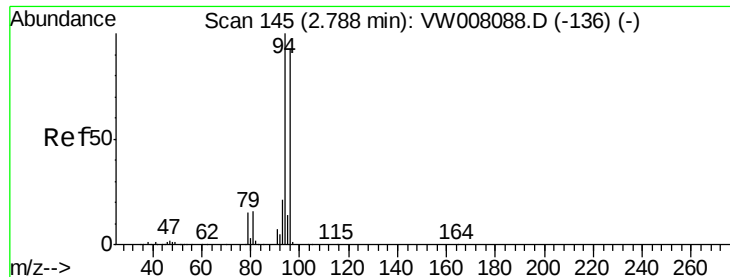
Tgt Ion: 62 Resp: 22641

Ion Ratio Lower Upper

62 100

64 28.3 27.0 40.6





#5

Bromomethane

Concen: 21.479 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

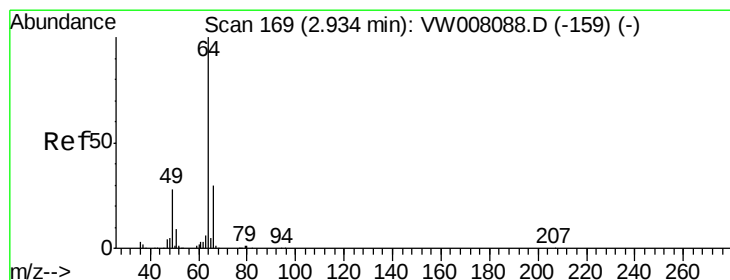
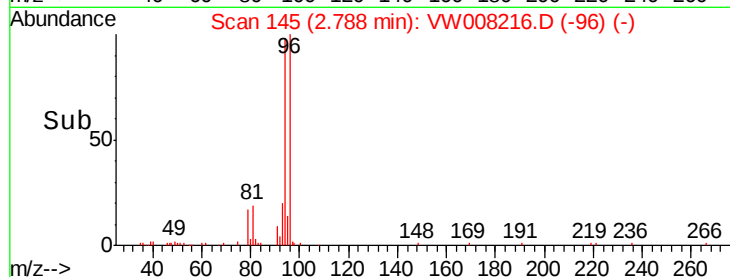
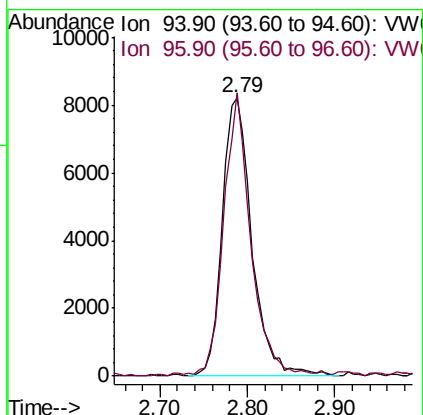
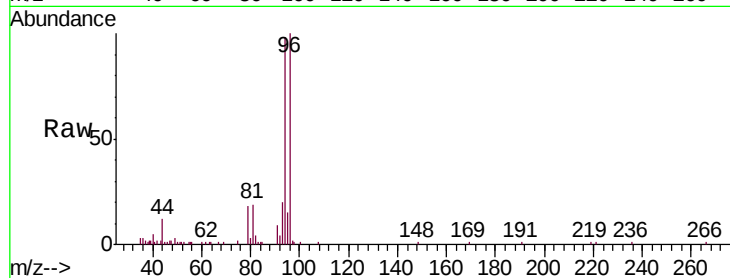
VW0111SBS02

Tgt Ion: 94 Resp: 19279

Ion Ratio Lower Upper

94 100

96 100.7 74.1 111.1



#6

Chloroethane

Concen: 18.222 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008216.D

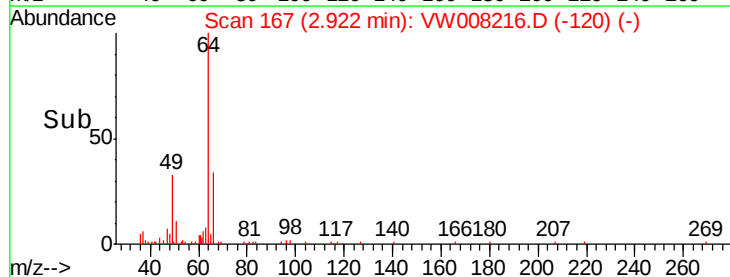
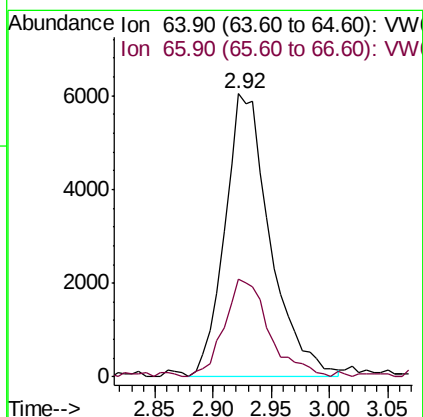
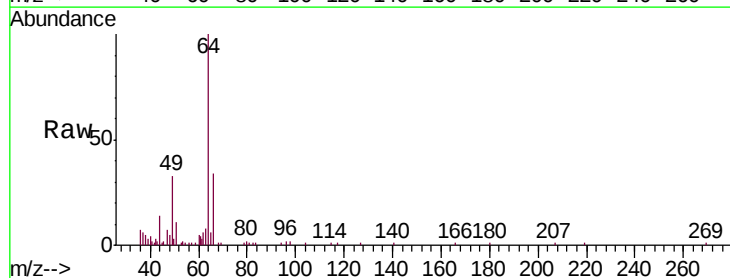
Acq: 12 Jan 2019 03:09

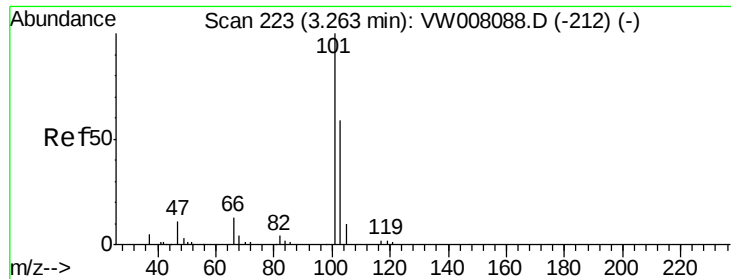
Tgt Ion: 64 Resp: 16429

Ion Ratio Lower Upper

64 100

66 34.3 24.2 36.2



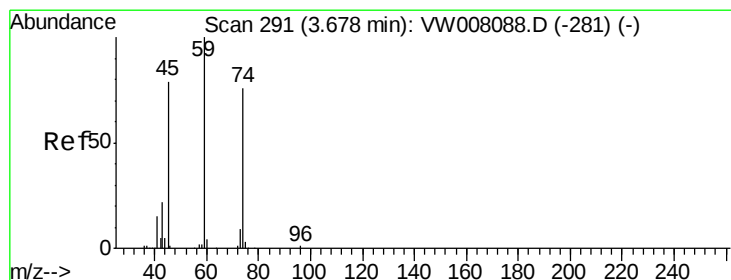
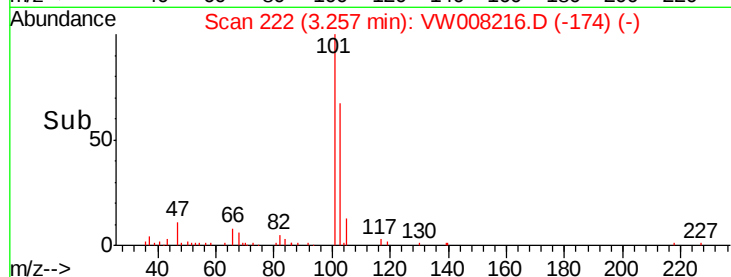
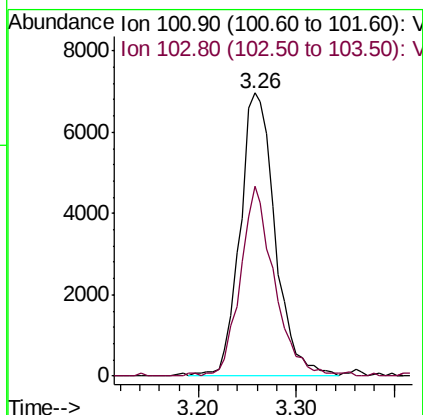
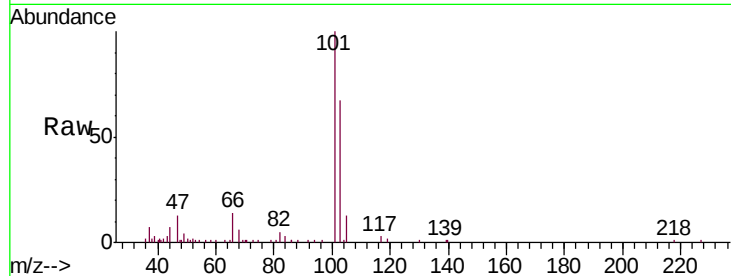


#7

Trichlorofluoromethane
Concen: 17.754 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW008216.D
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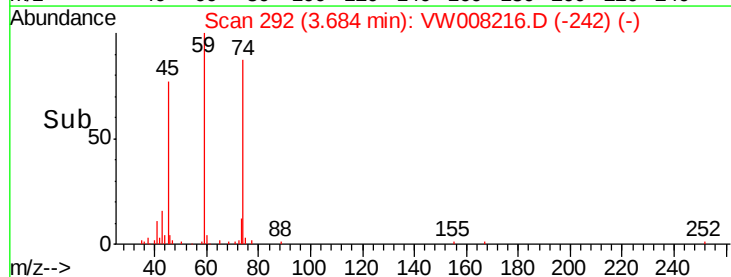
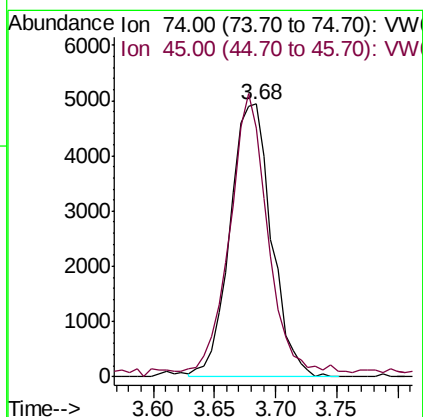
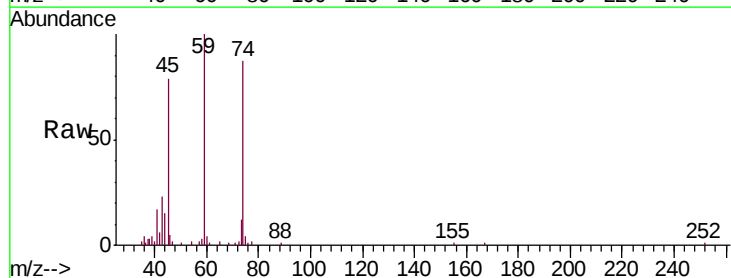
Tgt Ion:101 Resp: 17294
Ion Ratio Lower Upper
101 100
103 66.3 47.0 70.6

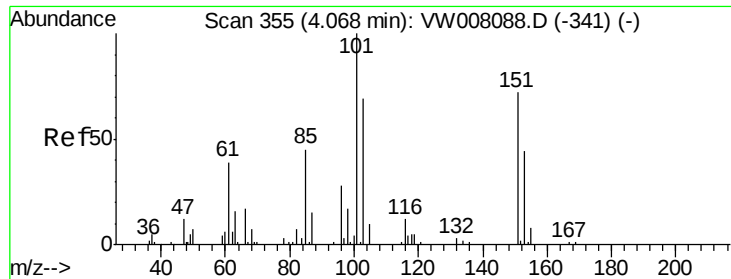


#8

Diethyl Ether
Concen: 21.074 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 74 Resp: 11605
Ion Ratio Lower Upper
74 100
45 93.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.530 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

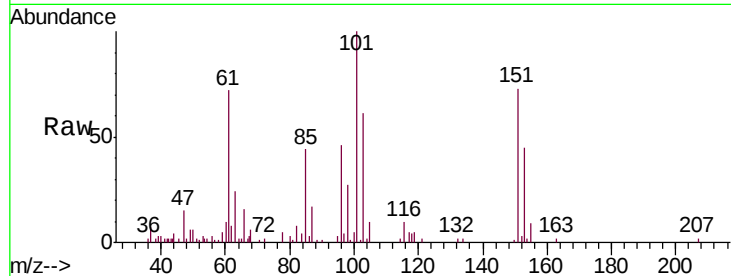
Tgt Ion:101 Resp: 18888

Ion Ratio Lower Upper

101 100

85 44.1 35.9 53.9

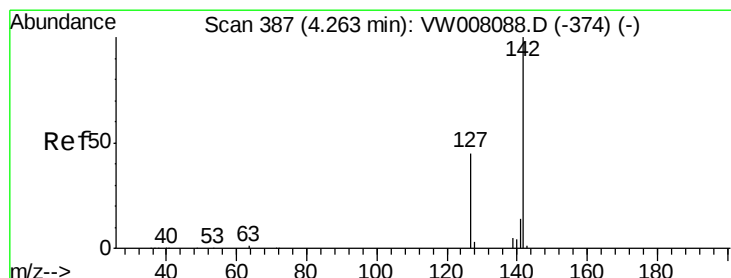
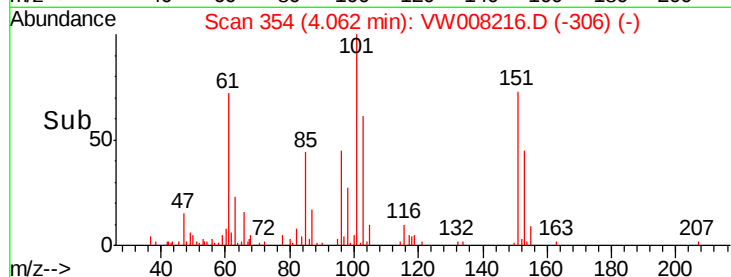
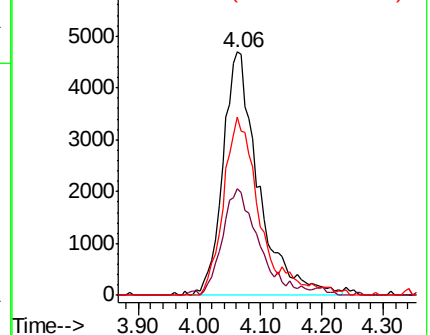
151 67.4 55.8 83.8



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: 21.030 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

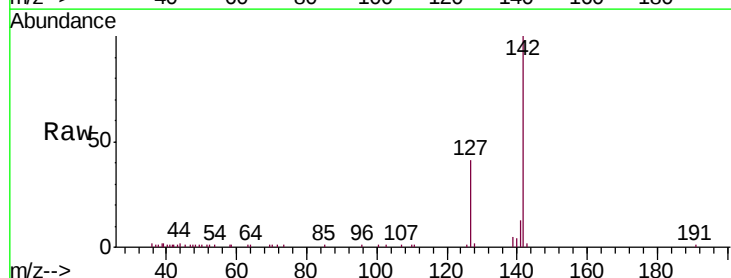
Tgt Ion:142 Resp: 29642

Ion Ratio Lower Upper

142 100

127 43.7 35.0 52.4

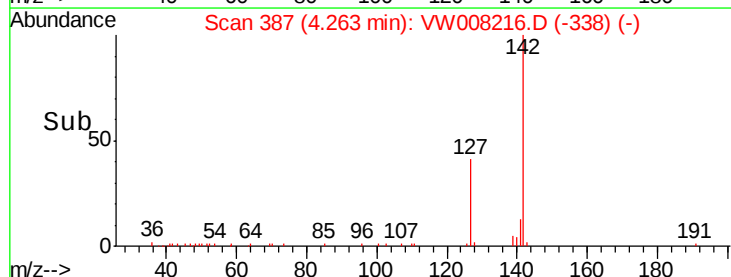
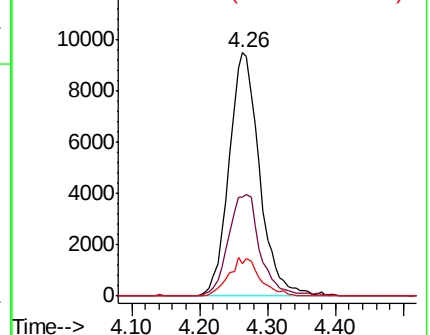
141 15.9 11.8 17.6

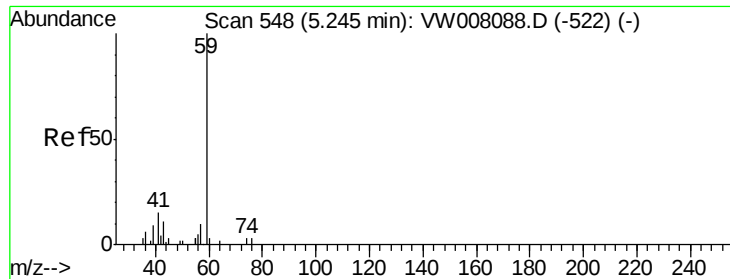


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

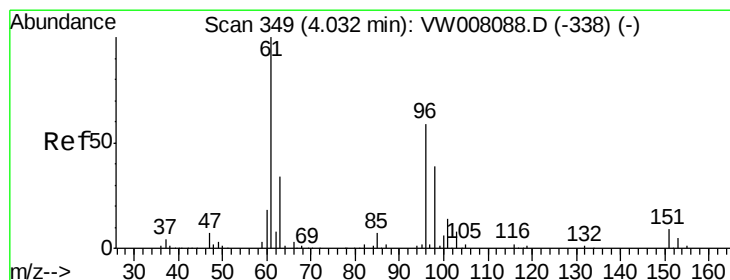
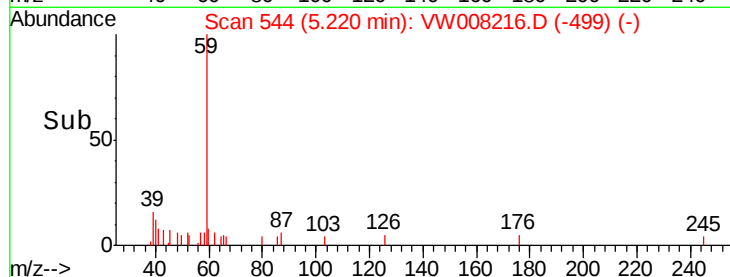
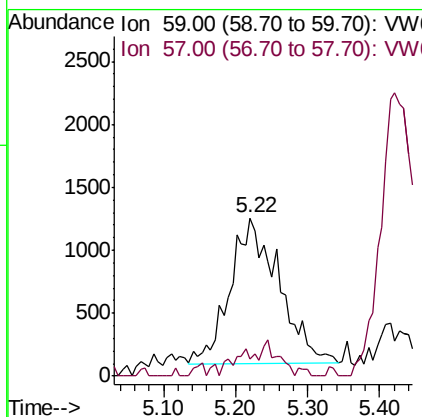
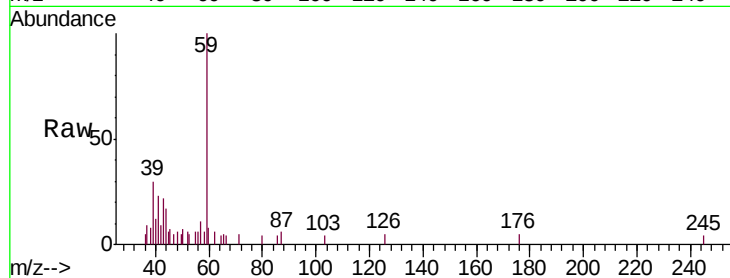




#11
Tert butyl alcohol
Concen: 72.314 ug/l
RT: 5.22 min Scan# 544
Delta R.T. -0.02 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

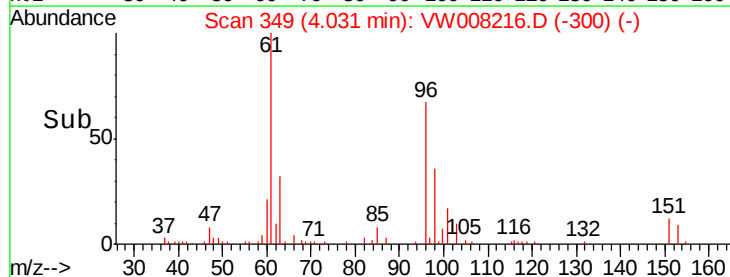
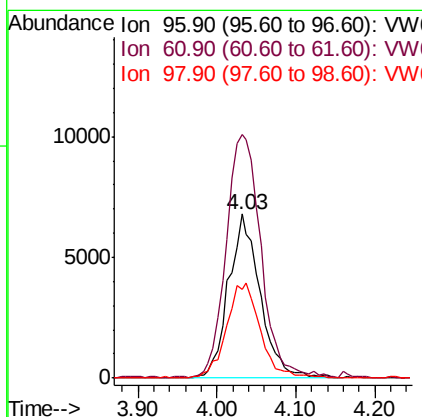
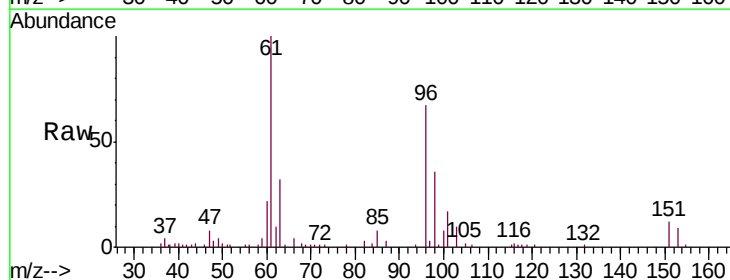
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

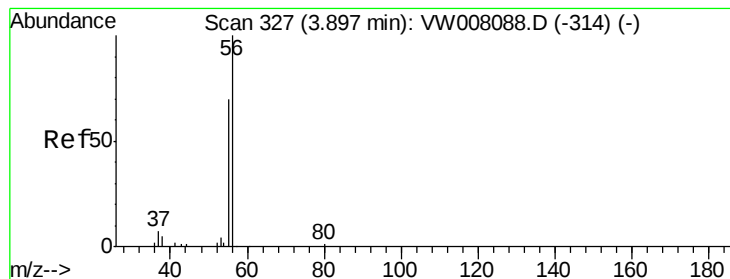
Tgt Ion: 59 Resp: 5471
Ion Ratio Lower Upper
59 100
57 6.7 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 20.045 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 96 Resp: 19033
Ion Ratio Lower Upper
96 100
61 148.4 135.4 203.2
98 53.8 52.5 78.7





#13

Acrolein

Concen: 75.020 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

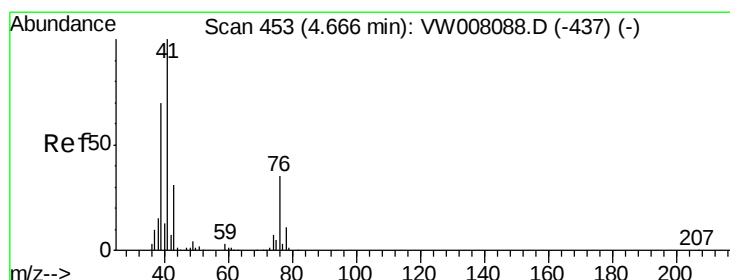
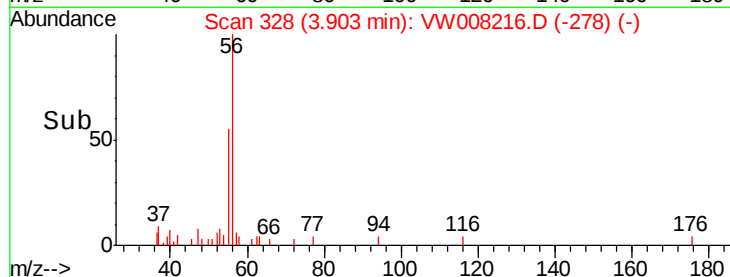
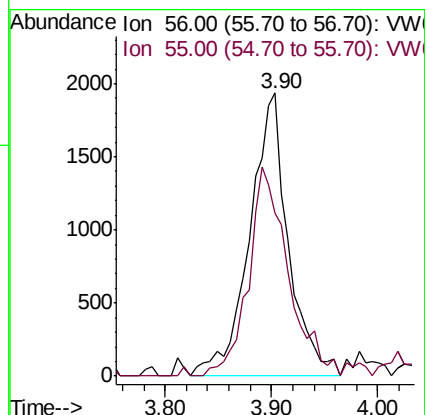
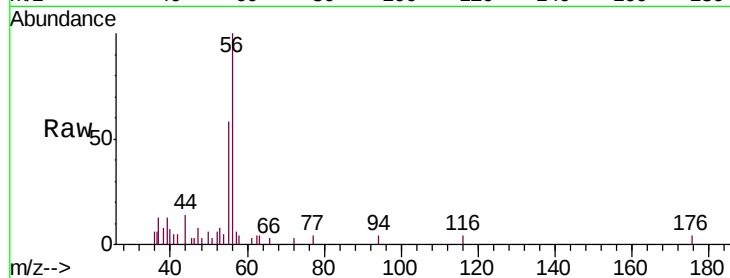
VW0111SBS02

Tgt Ion: 56 Resp: 4935

Ion Ratio Lower Upper

56 100

55 75.6 56.6 84.8



#14

Allyl chloride

Concen: 18.848 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

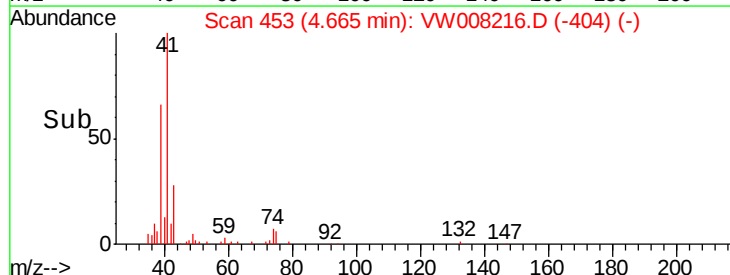
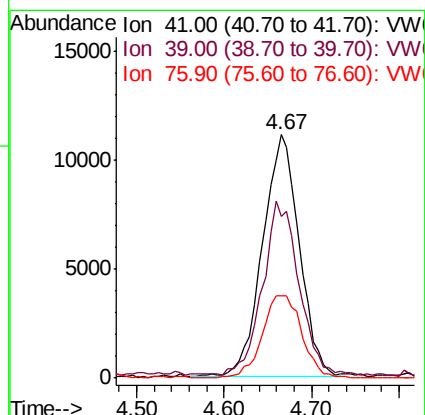
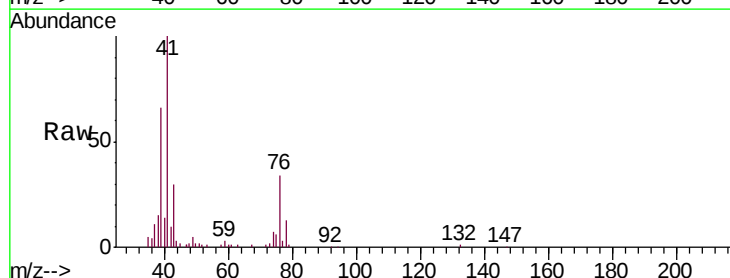
Tgt Ion: 41 Resp: 32493

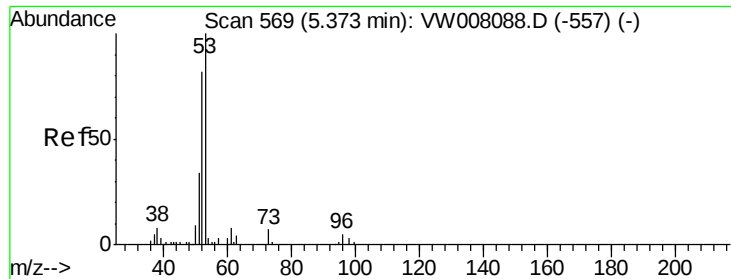
Ion Ratio Lower Upper

41 100

39 70.6 53.8 80.8

76 36.9 27.6 41.4

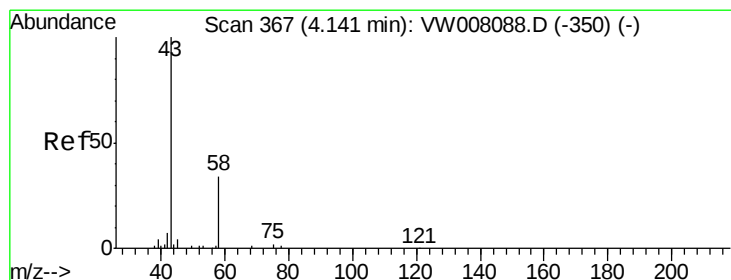
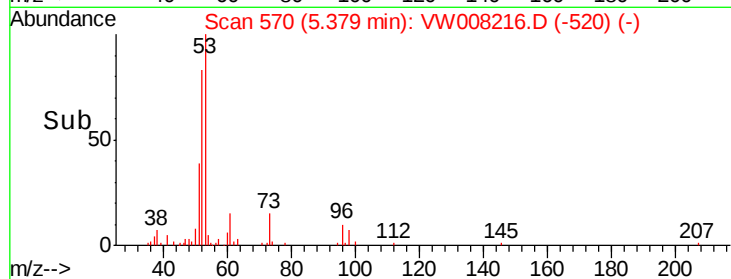
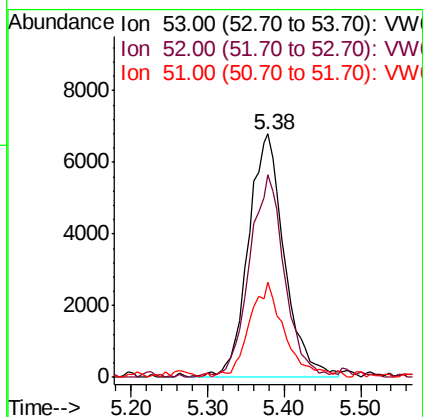
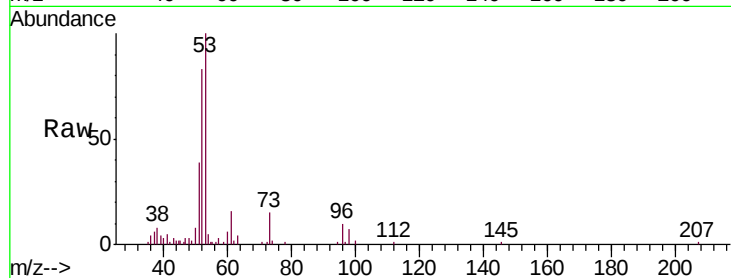




#15
Acrylonitrile
Concen: 106.416 ug/l
RT: 5.38 min Scan# 570
Delta R.T. 0.01 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

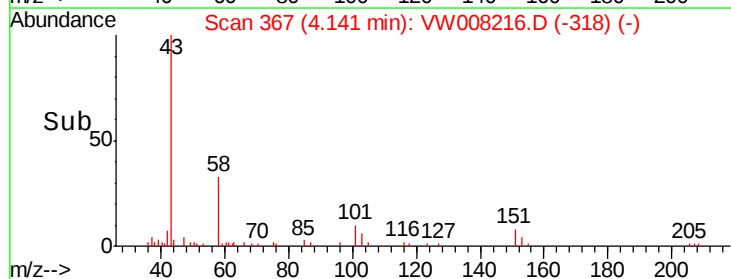
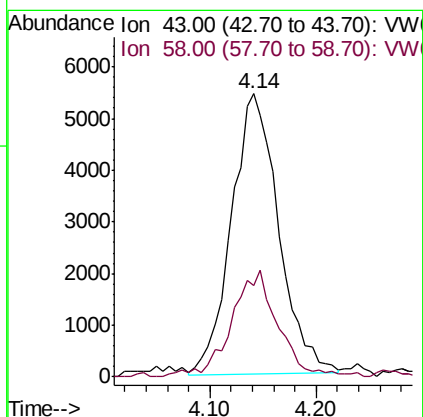
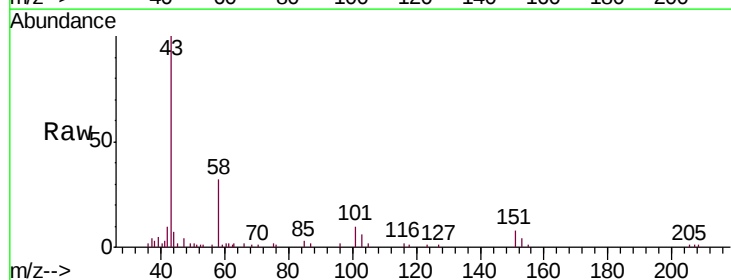
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

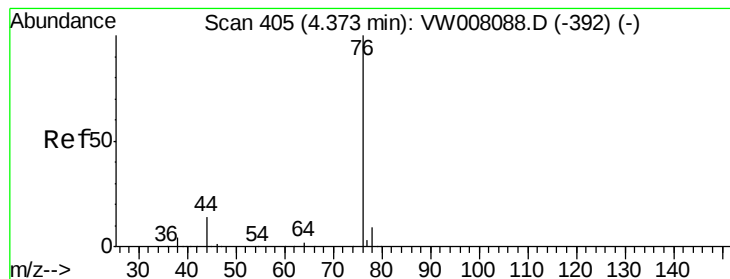
Tgt Ion: 53 Resp: 22310
Ion Ratio Lower Upper
53 100
52 81.3 66.8 100.2
51 38.2 29.7 44.5



#16
Acetone
Concen: 82.382 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 43 Resp: 16914
Ion Ratio Lower Upper
43 100
58 31.5 27.5 41.3





#17

Carbon Disulfide

Concen: 19.200 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

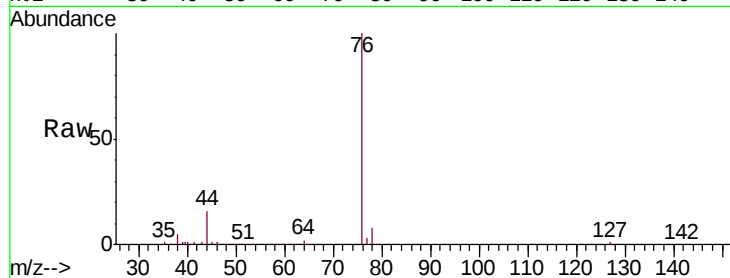
VW0111SBS02

Tgt Ion: 76 Resp: 56950

Ion Ratio Lower Upper

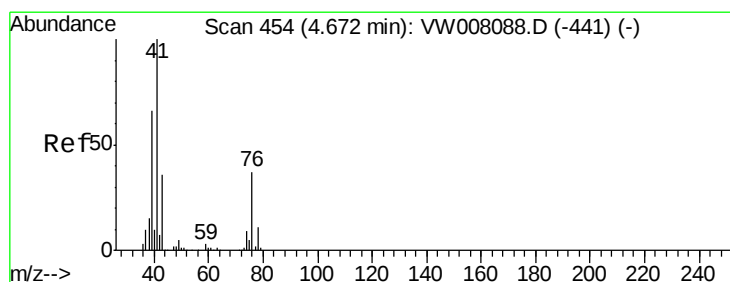
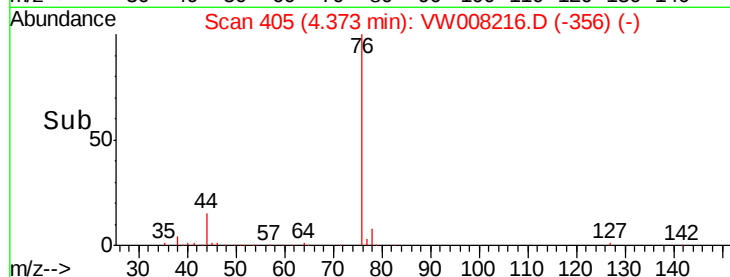
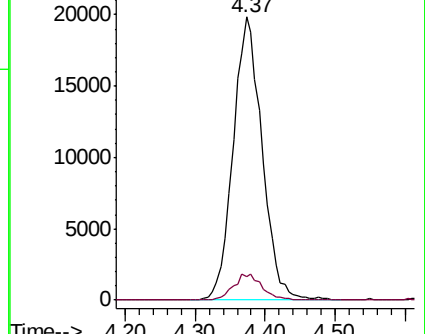
76 100

78 8.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.067 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW008216.D

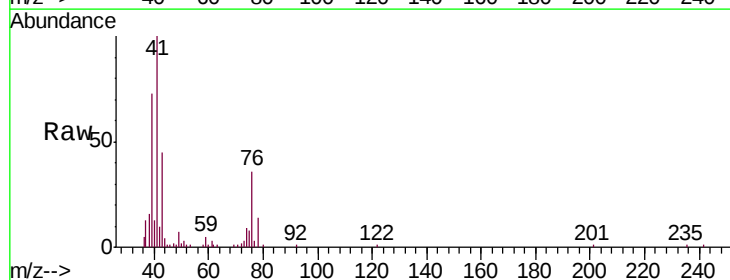
Acq: 12 Jan 2019 03:09

Tgt Ion: 43 Resp: 12359

Ion Ratio Lower Upper

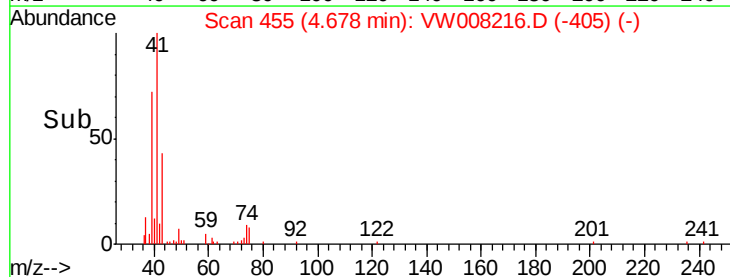
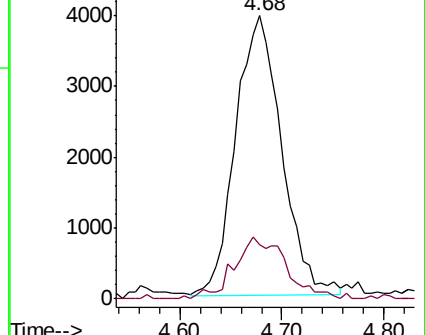
43 100

74 25.0 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



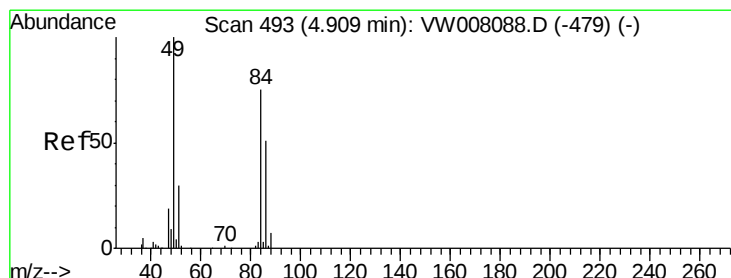
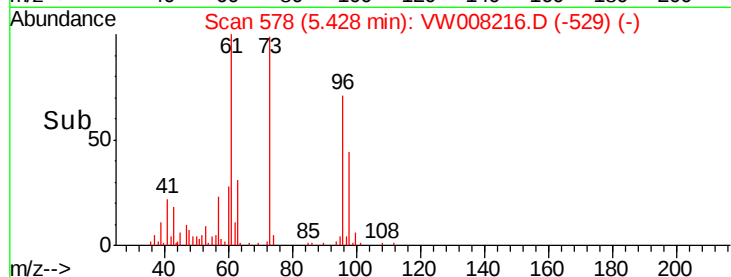
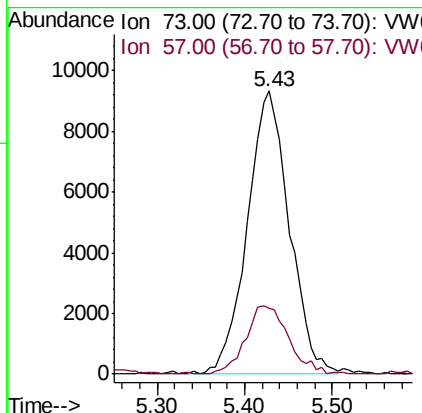
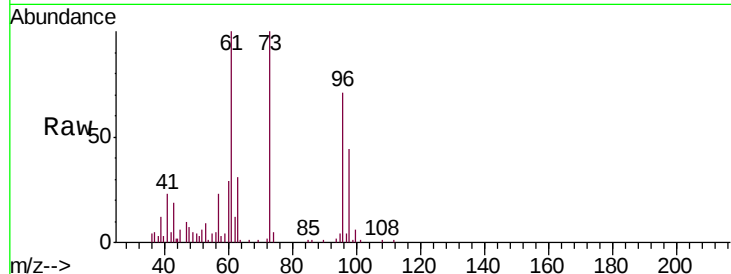


#19

Methyl tert-butyl Ether
 Concen: 20.219 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Instrument :
 MSVOA_W
 ClientSampled :
 VW0111SBS02

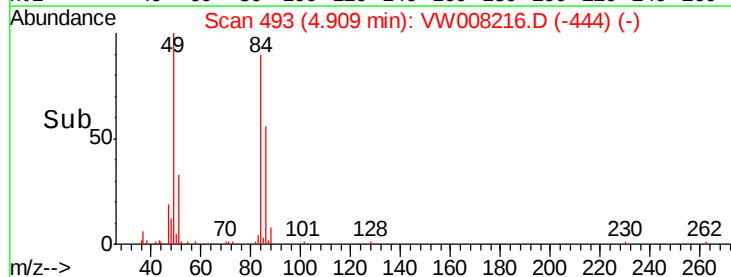
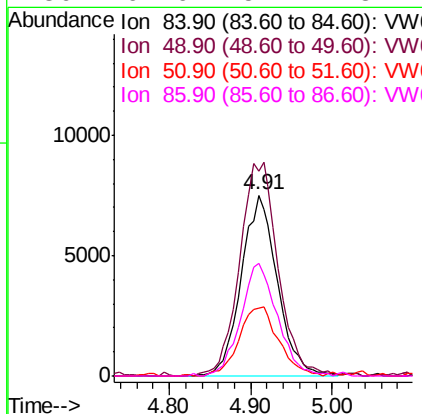
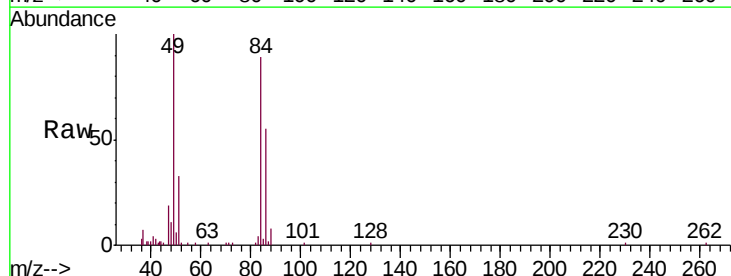
Tgt Ion: 73 Resp: 31210
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.7 25.1

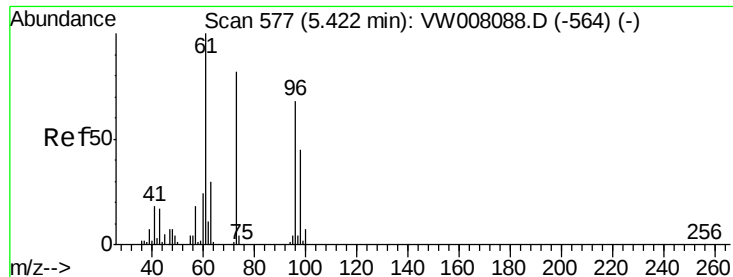


#20

Methylene Chloride
 Concen: 21.301 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 84 Resp: 23085
 Ion Ratio Lower Upper
 84 100
 49 112.2 107.1 160.7
 51 36.9 32.4 48.6
 86 62.6 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 20.760 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

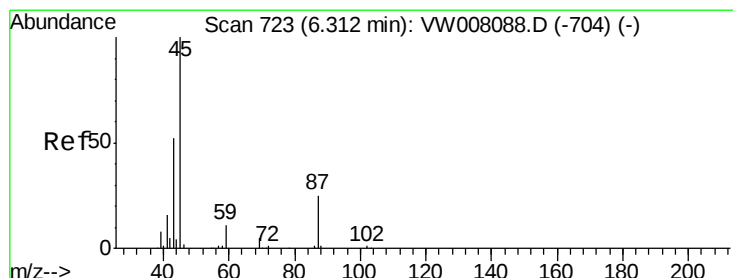
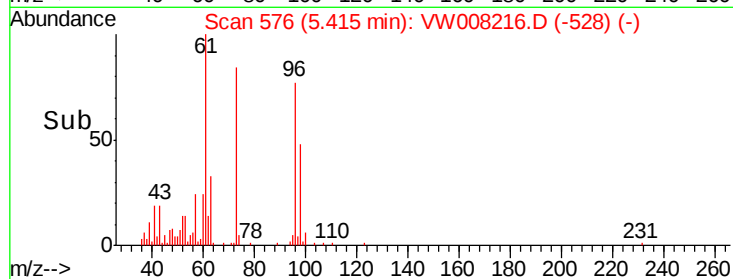
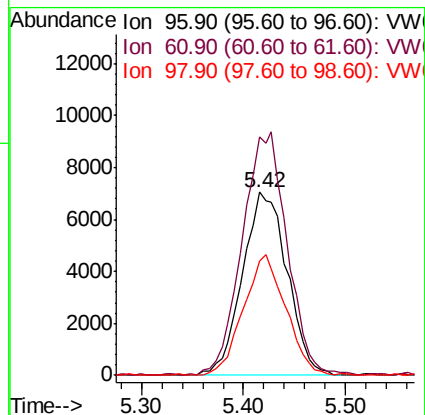
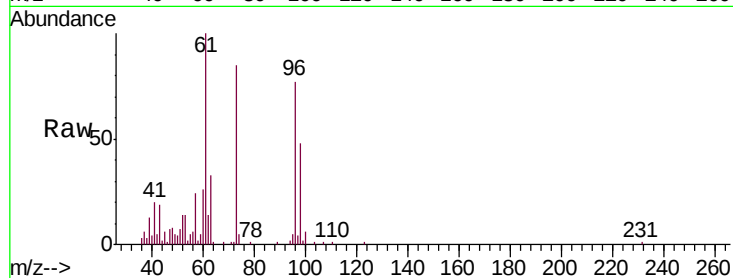
Tgt Ion: 96 Resp: 21421

Ion Ratio Lower Upper

96 100

61 129.3 117.4 176.0

98 62.4 52.2 78.4



#22

Diisopropyl ether

Concen: 20.404 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Tgt Ion: 45 Resp: 67086

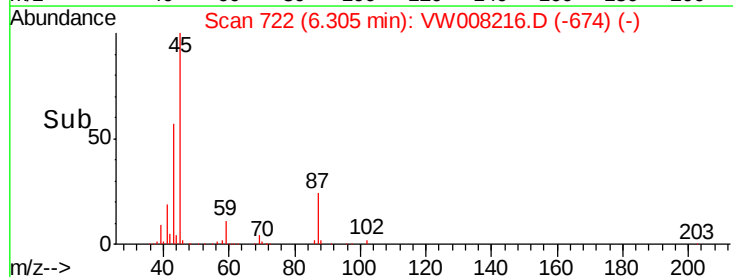
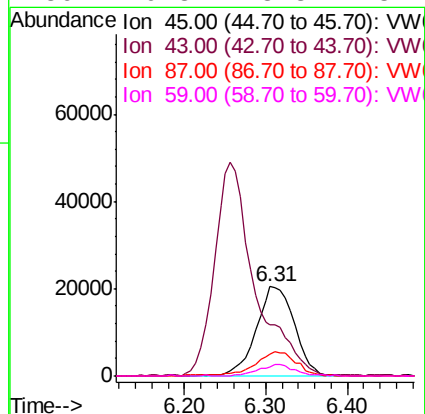
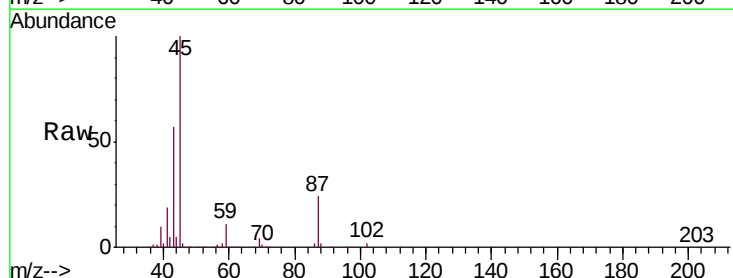
Ion Ratio Lower Upper

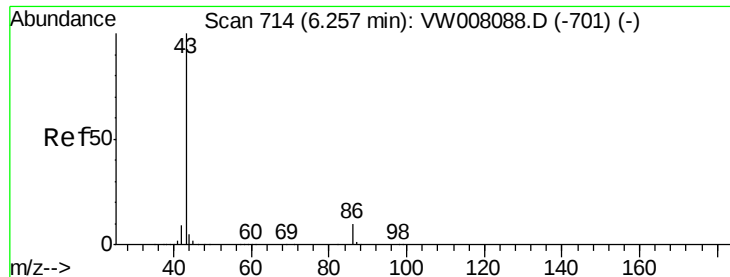
45 100

43 56.2 41.7 62.5

87 24.3 20.1 30.1

59 10.3 8.8 13.2





#23

Vinyl Acetate

Concen: 97.364 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampled :

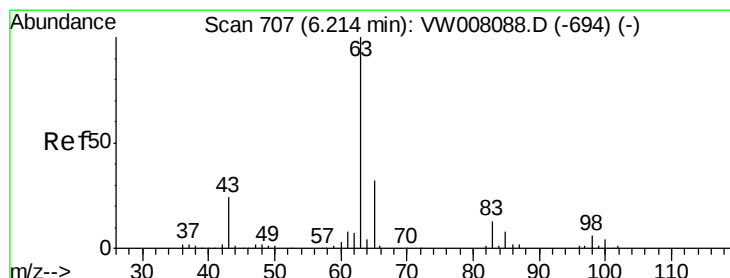
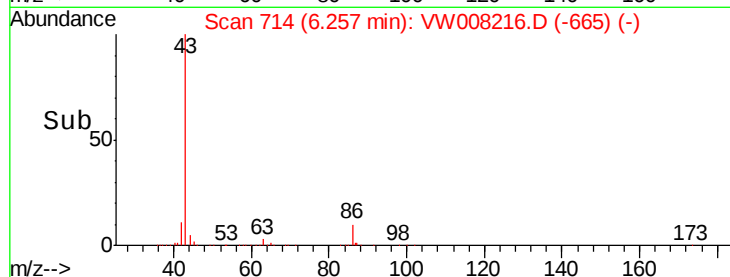
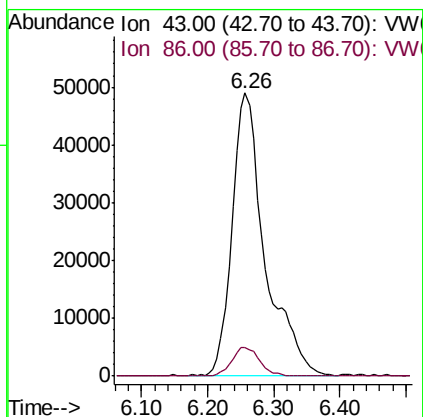
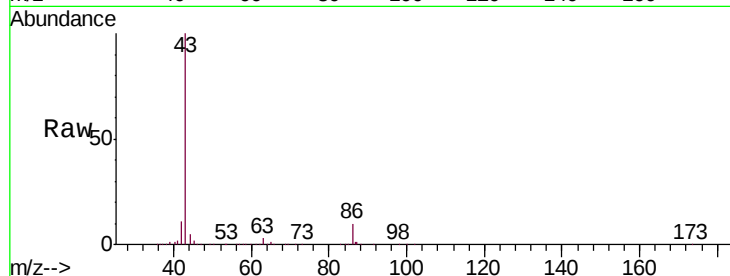
VW0111SBS02

Tgt Ion: 43 Resp: 168124

Ion Ratio Lower Upper

43 100

86 10.2 7.7 11.5



#24

1,1-Dichloroethane

Concen: 20.695 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

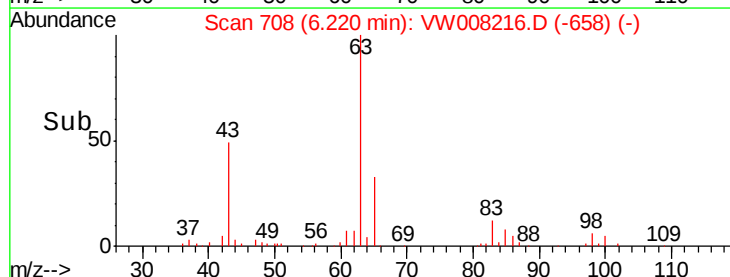
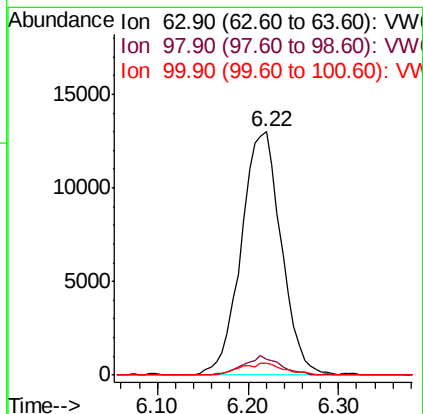
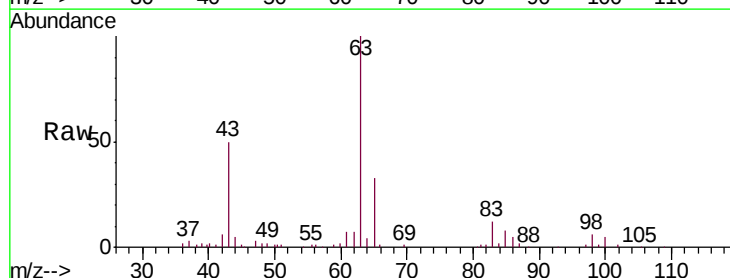
Tgt Ion: 63 Resp: 39645

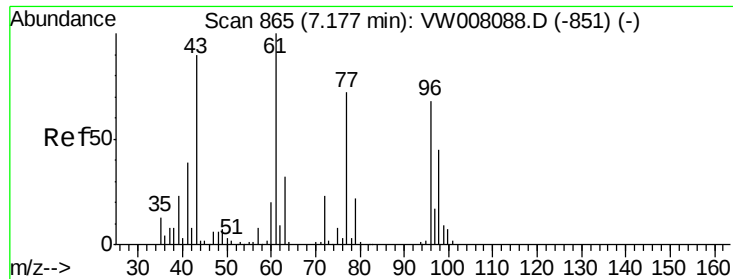
Ion Ratio Lower Upper

63 100

98 6.3 3.2 9.6

100 5.1 2.0 6.0





#25

2-Butanone

Concen: 97.499 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

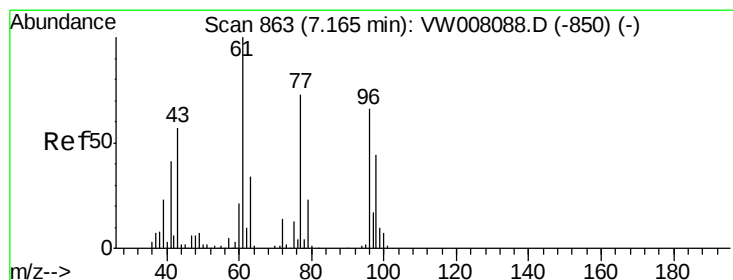
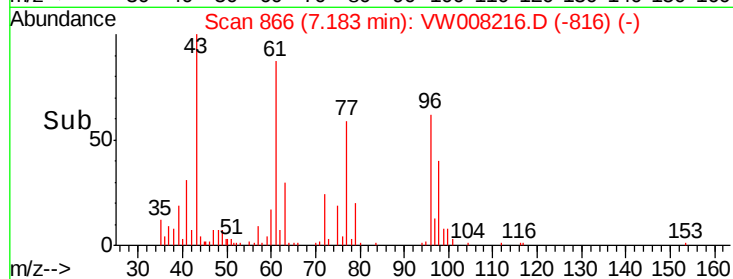
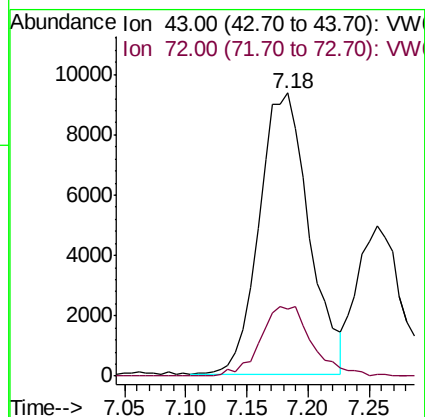
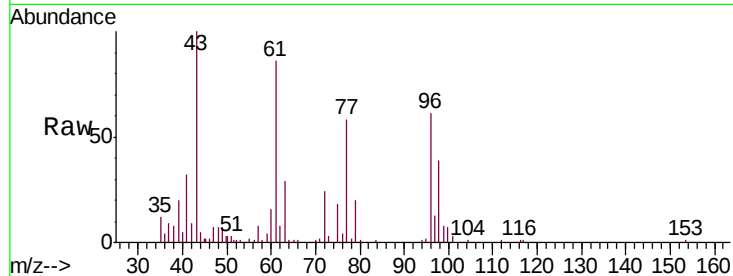
VW0111SBS02

Tgt Ion: 43 Resp: 26435

Ion Ratio Lower Upper

43 100

72 24.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.154 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008216.D

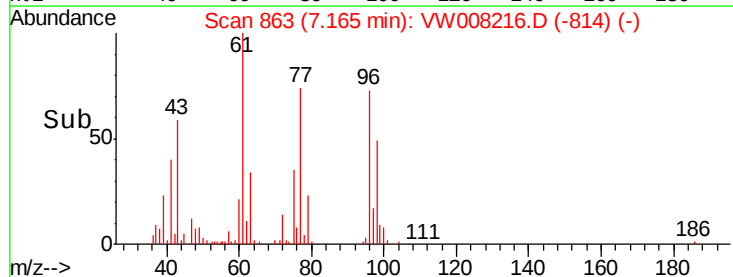
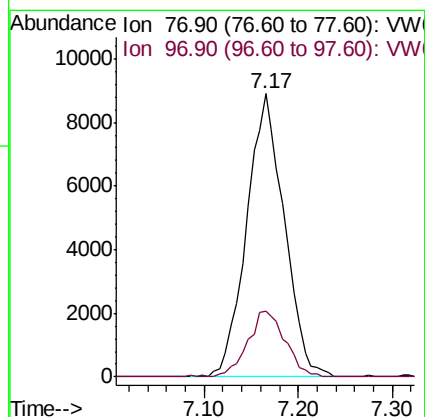
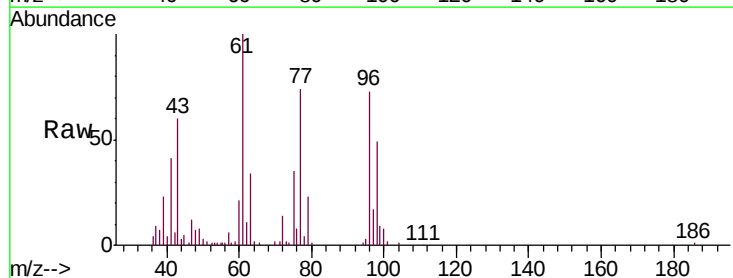
Acq: 12 Jan 2019 03:09

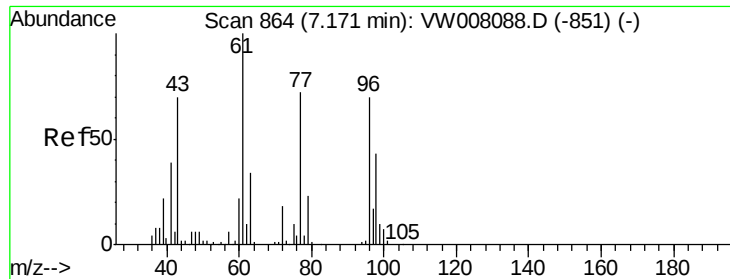
Tgt Ion: 77 Resp: 24862

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.815 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

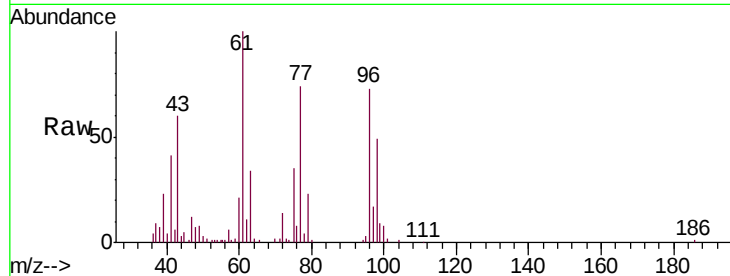
Tgt Ion: 96 Resp: 23433

Ion Ratio Lower Upper

96 100

61 144.1 0.0 300.4

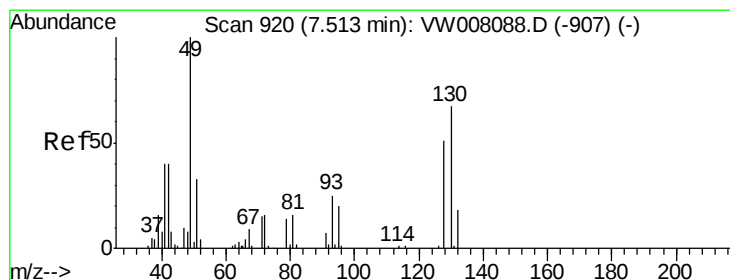
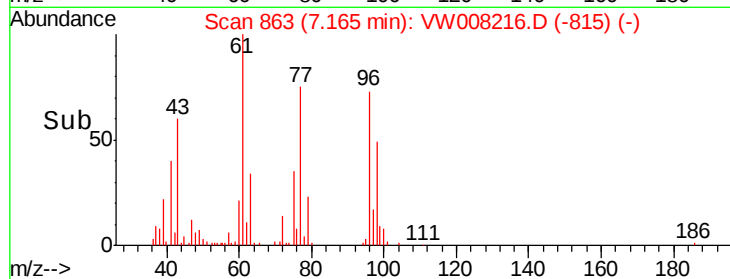
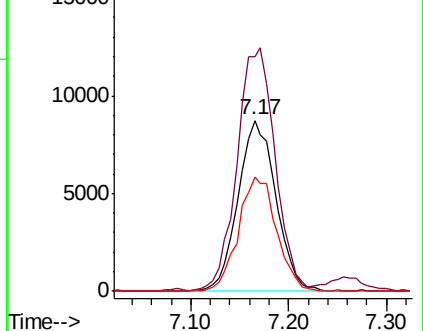
98 67.5 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 18.294 ug/l

RT: 7.51 min Scan# 920

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

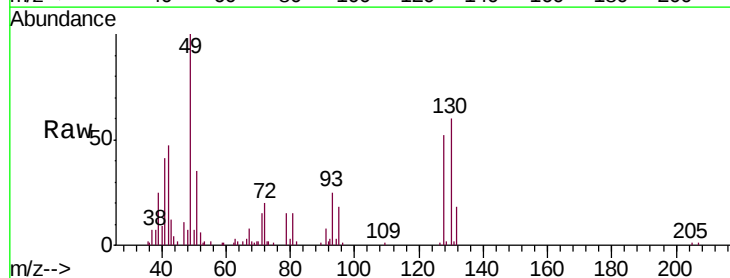
Tgt Ion: 49 Resp: 13862

Ion Ratio Lower Upper

49 100

129 2.2 0.0 2.8

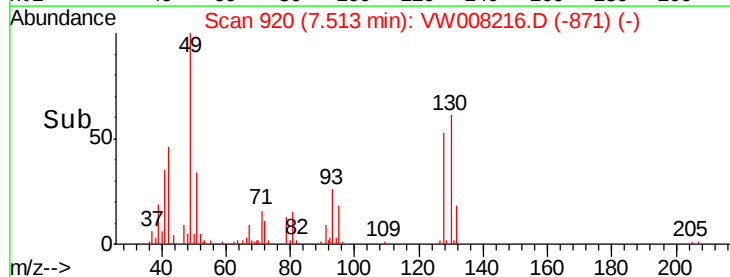
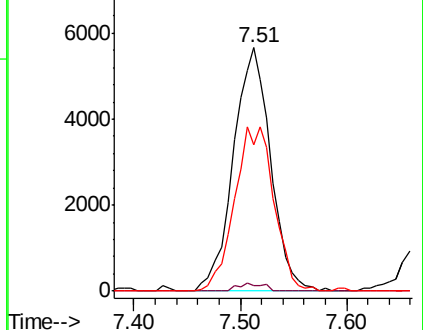
130 71.5 54.3 81.5

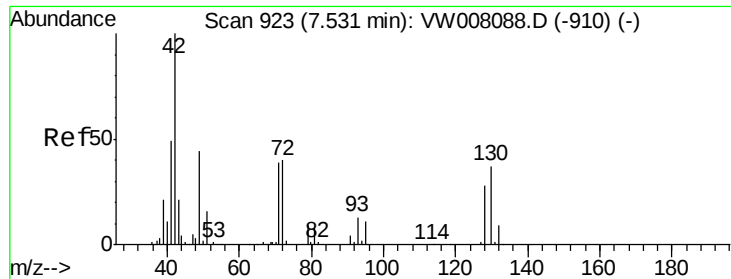


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

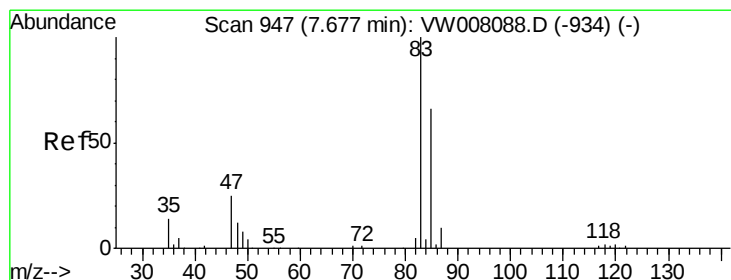
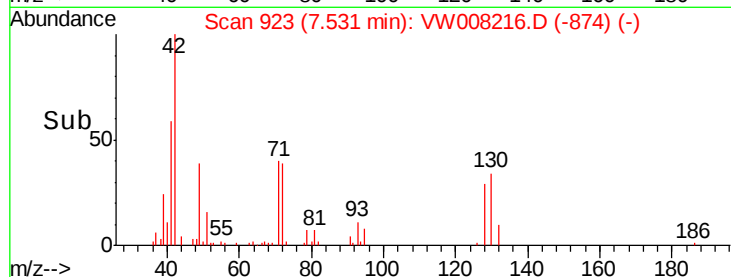
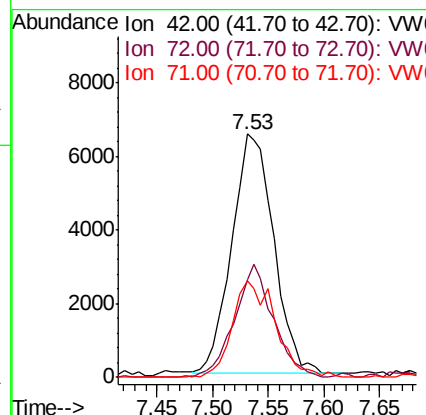
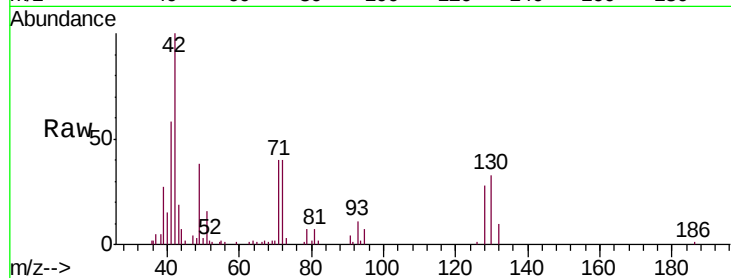




#29
Tetrahydrofuran
Concen: 94.273 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

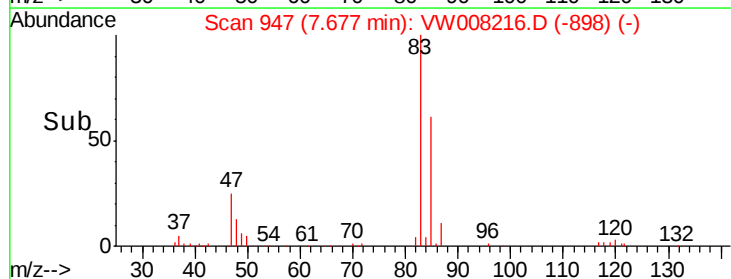
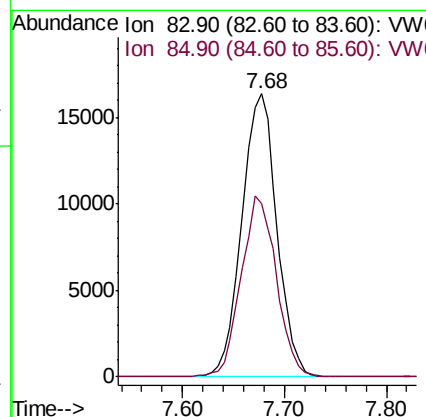
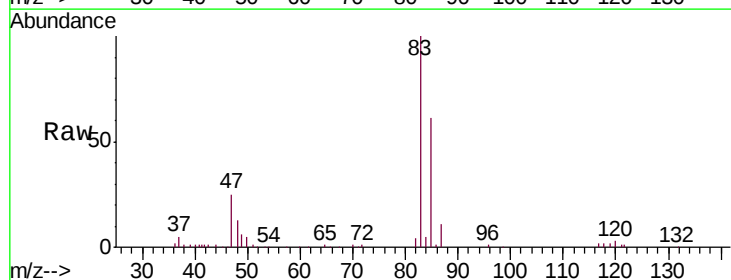
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

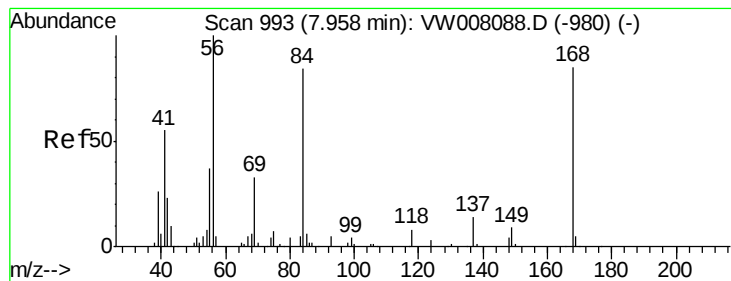
Tgt Ion: 42 Resp: 17074
Ion Ratio Lower Upper
42 100
72 43.5 32.4 48.6
71 41.7 31.3 46.9



#30
Chloroform
Concen: 21.398 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 83 Resp: 39018
Ion Ratio Lower Upper
83 100
85 61.0 53.2 79.8





#31

Cyclohexane

Concen: 16.913 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

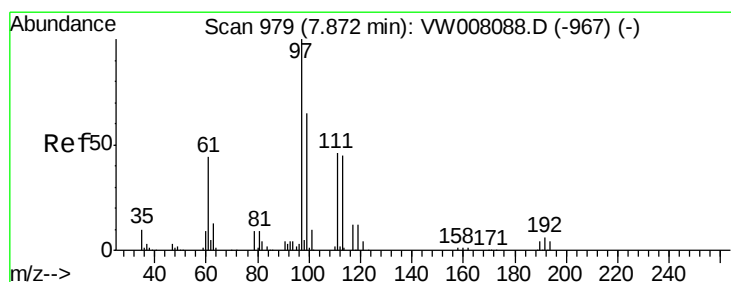
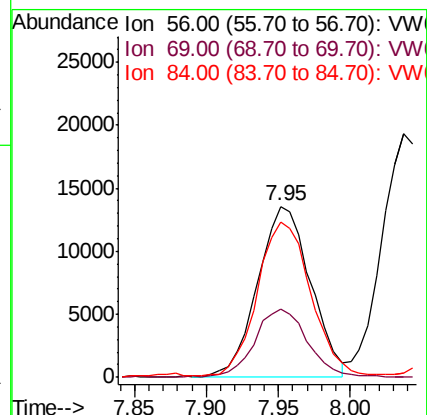
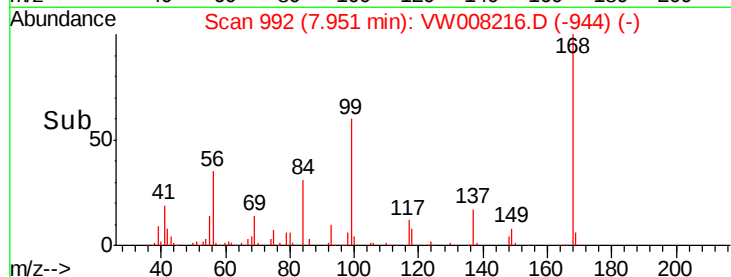
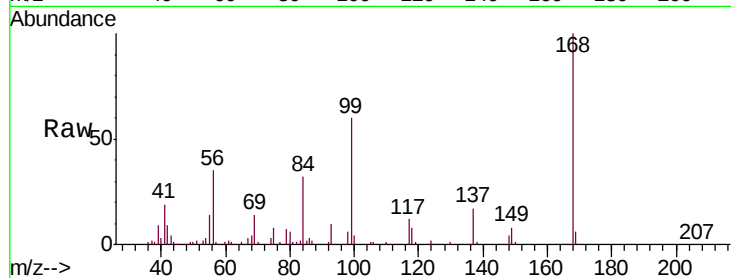
Tgt Ion: 56 Resp: 34684

Ion Ratio Lower Upper

56 100

69 38.9 26.2 39.4

84 90.5 67.4 101.2



#32

1,1,1-Trichloroethane

Concen: 20.384 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

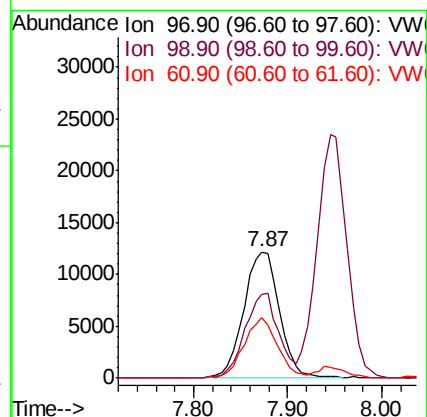
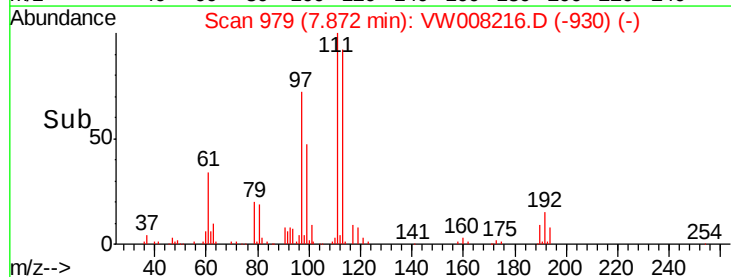
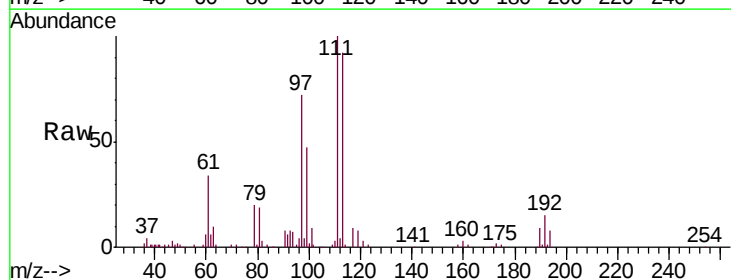
Tgt Ion: 97 Resp: 32341

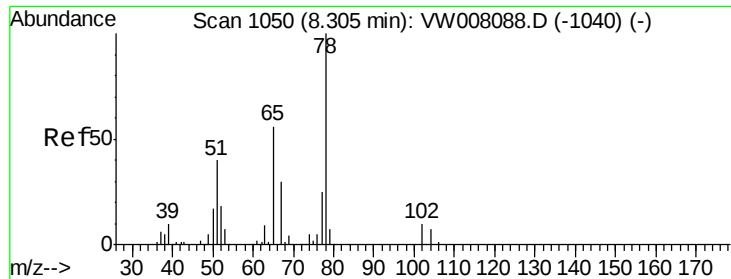
Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

61 45.3 35.6 53.4

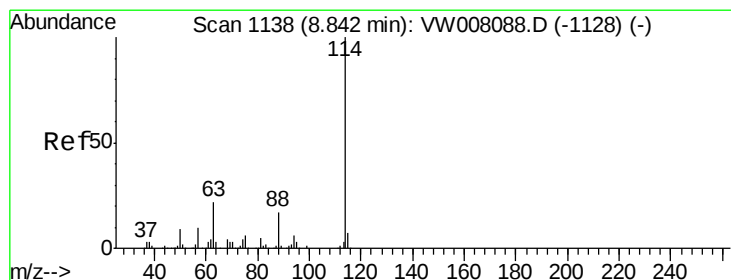
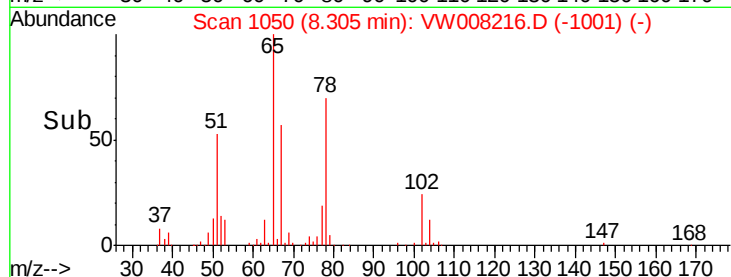
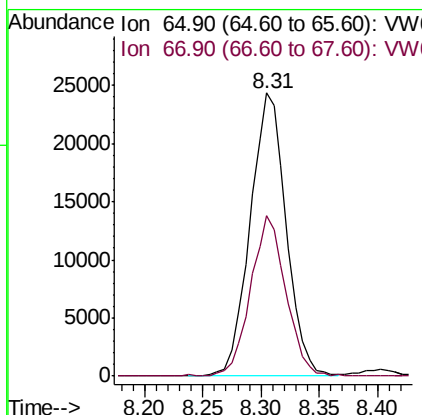
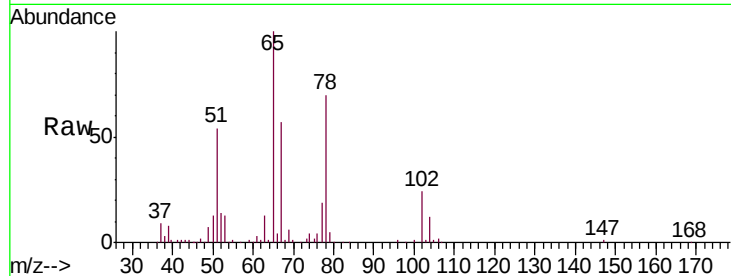




#33
 1,2-Dichloroethane-d4
 Concen: 53.469 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

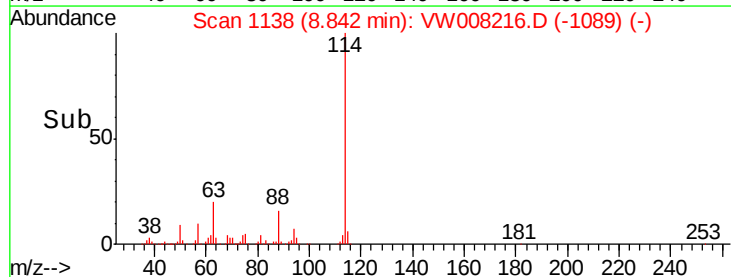
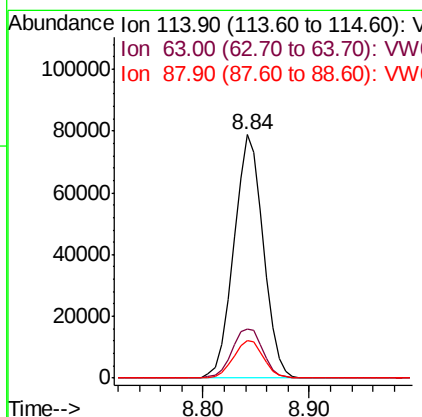
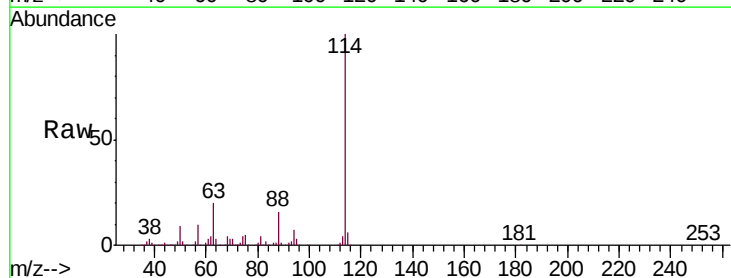
Instrument :
 MSVOA_W
 ClientSampled :
 VW0111SBS02

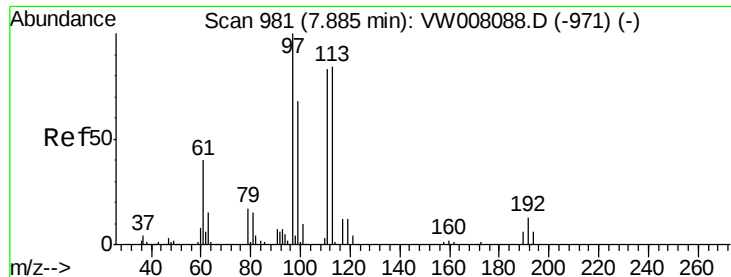
Tgt Ion: 65 Resp: 52104
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 114 Resp: 152728
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 43.4
 88 15.6 0.0 33.4

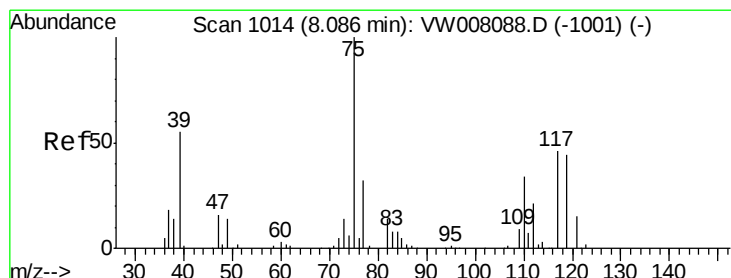
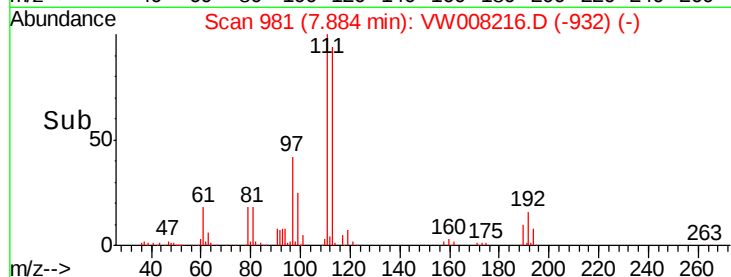
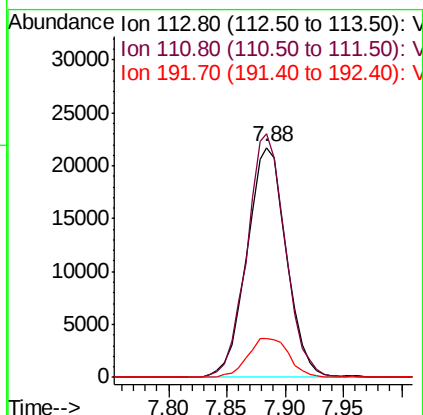
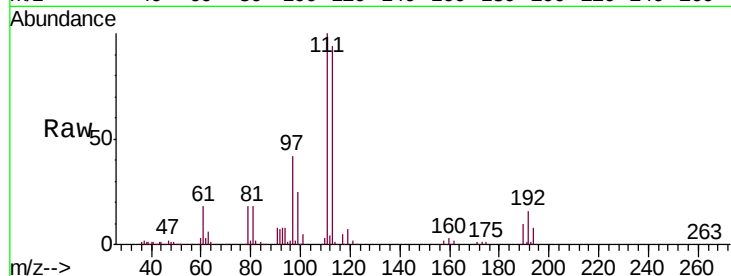




#35
 Dibromofluoromethane
 Concen: 57.590 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

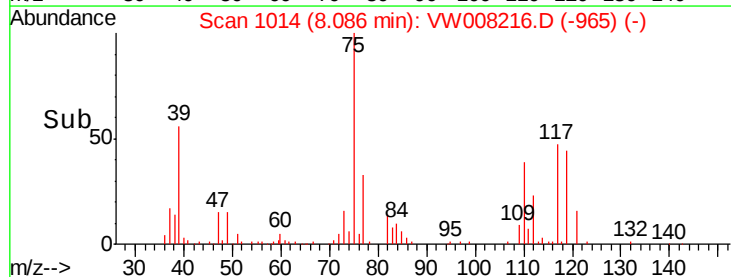
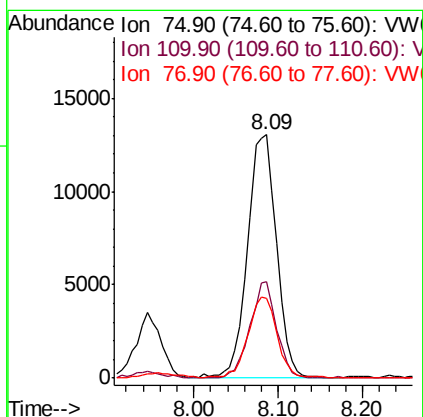
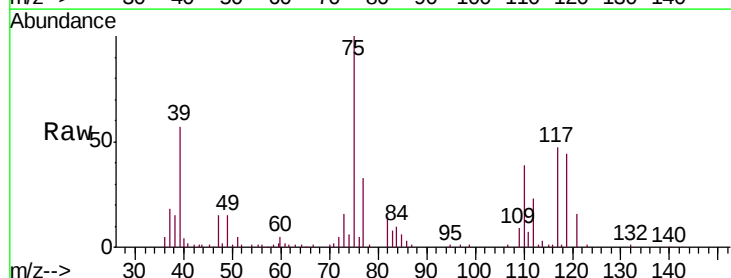
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

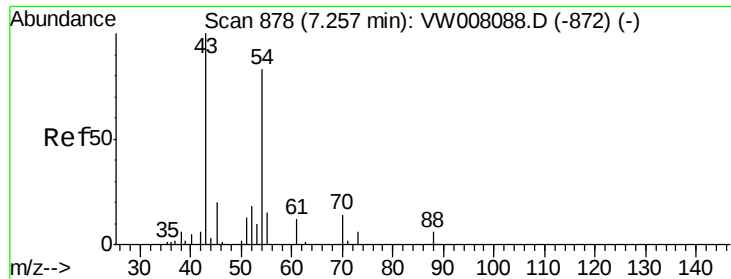
Tgt Ion:113 Resp: 51299
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.8 122.8
 192 17.7 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 19.387 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 75 Resp: 30501
 Ion Ratio Lower Upper
 75 100
 110 36.3 17.1 51.3
 77 33.5 25.5 38.3

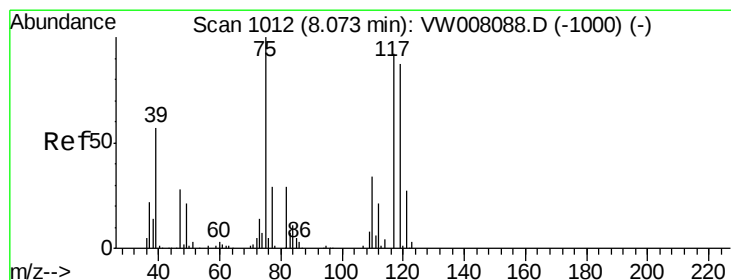
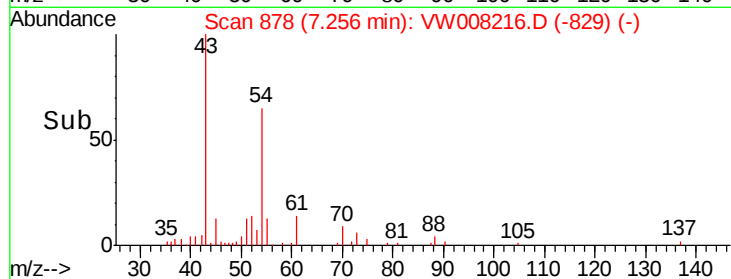
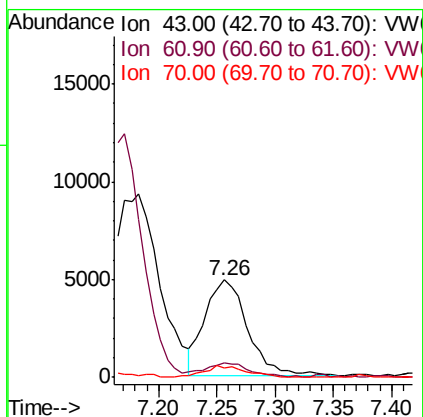
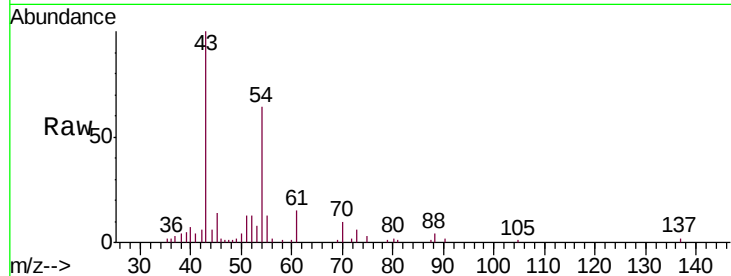




#37
Ethyl Acetate
Concen: 19.670 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

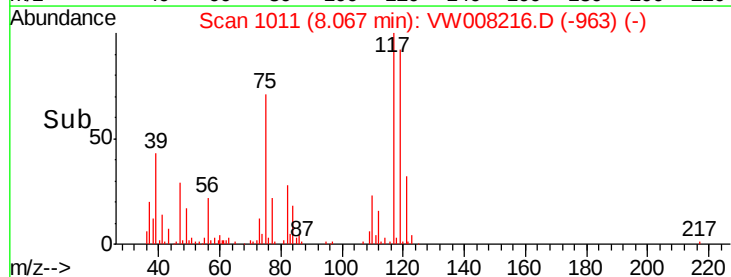
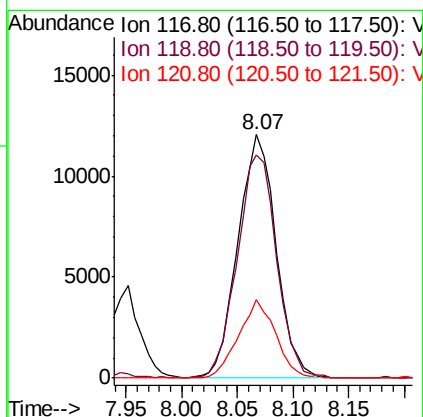
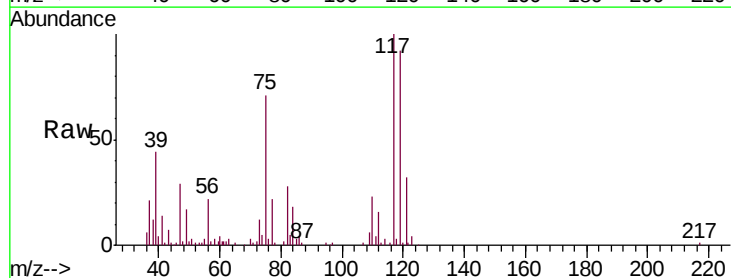
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

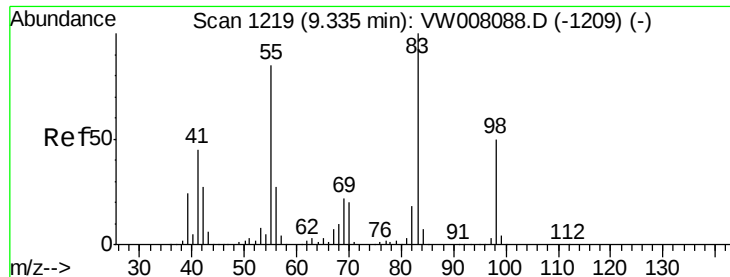
Tgt Ion: 43 Resp: 12398
Ion Ratio Lower Upper
43 100
61 16.3 10.6 16.0#
70 11.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.959 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 117 Resp: 28740
Ion Ratio Lower Upper
117 100
119 91.6 75.8 113.8
121 32.2 23.7 35.5

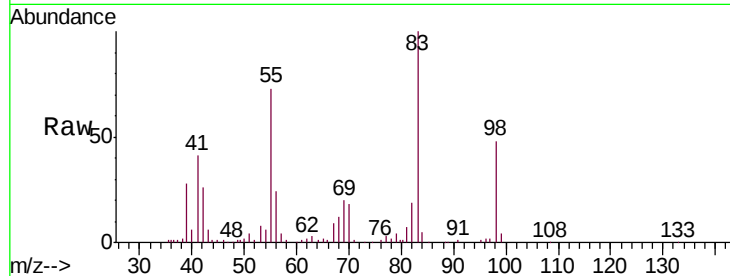




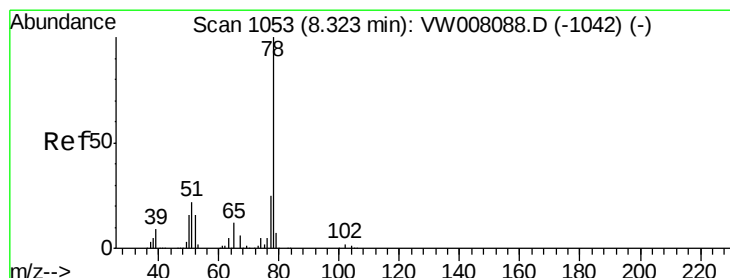
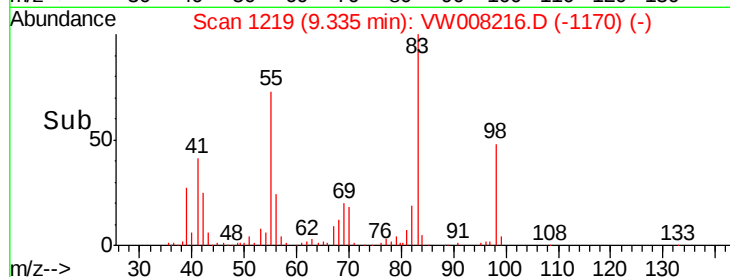
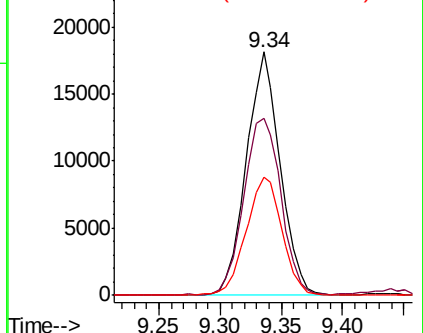
#39
Methylcyclohexane
Concen: 17.516 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

Tgt Ion: 83 Resp: 34942
Ion Ratio Lower Upper
83 100
55 72.5 67.8 101.6
98 48.3 40.2 60.4

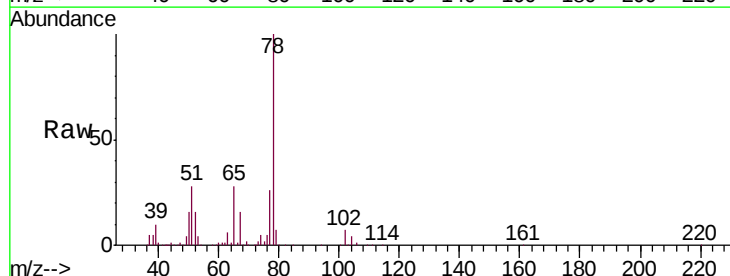


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

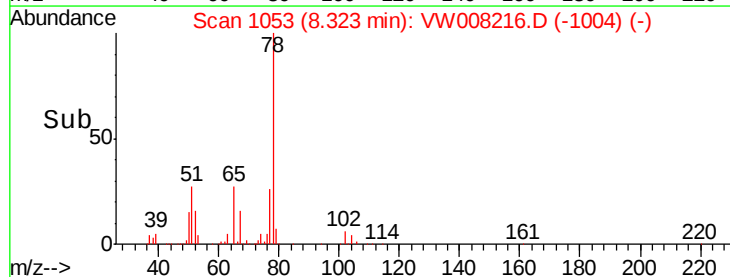
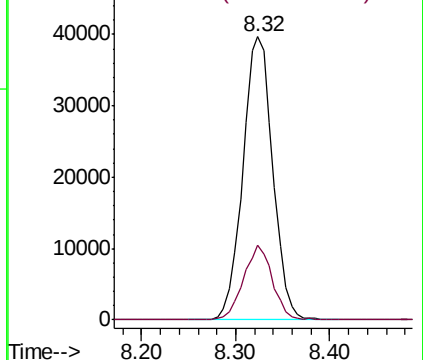


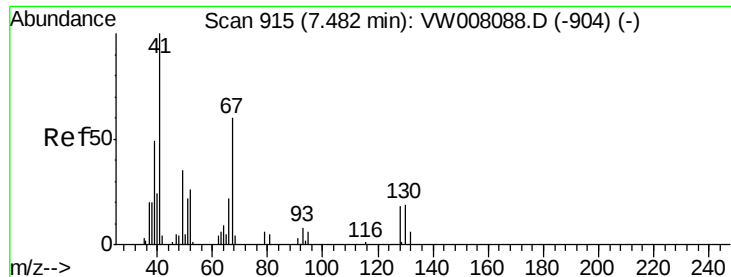
#40
Benzene
Concen: 20.625 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 78 Resp: 88010
Ion Ratio Lower Upper
78 100
77 26.3 20.2 30.4



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 19.023 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

Tgt Ion: 41 Resp: 7574

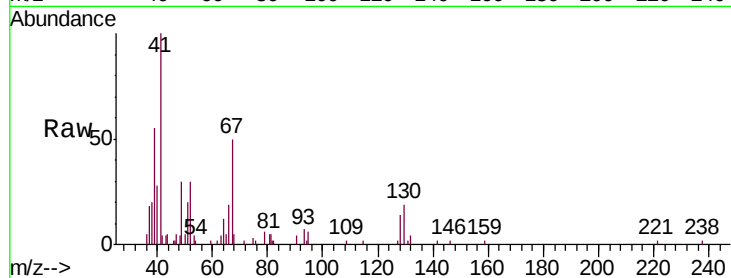
Ion Ratio Lower Upper

41 100

39 53.8 47.9 71.9

67 71.0 56.3 84.5

52 33.1 24.5 36.7

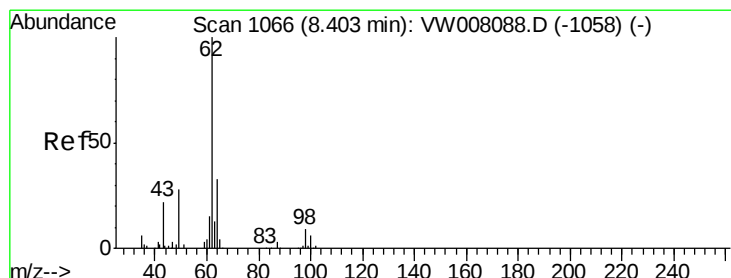
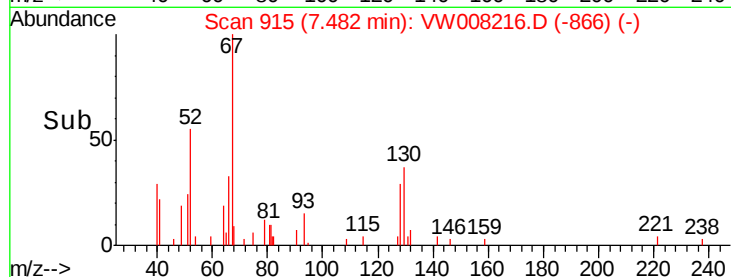
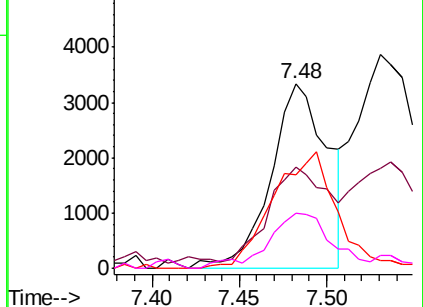


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 20.333 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW008216.D

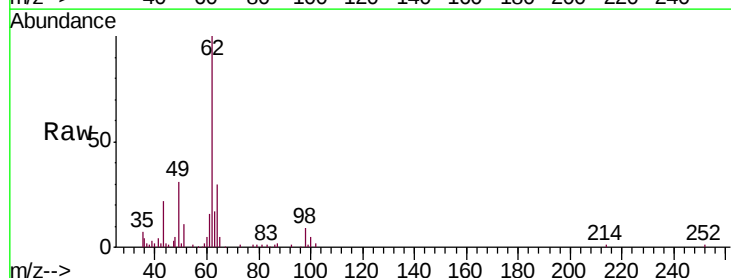
Acq: 12 Jan 2019 03:09

Tgt Ion: 62 Resp: 24403

Ion Ratio Lower Upper

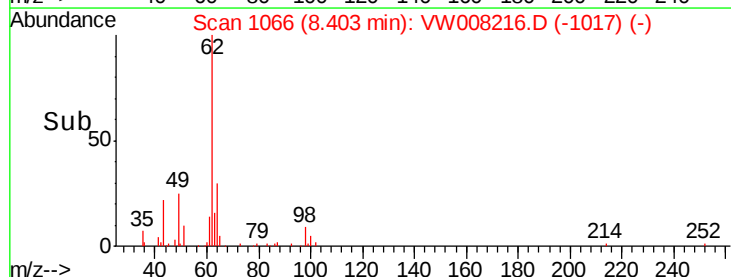
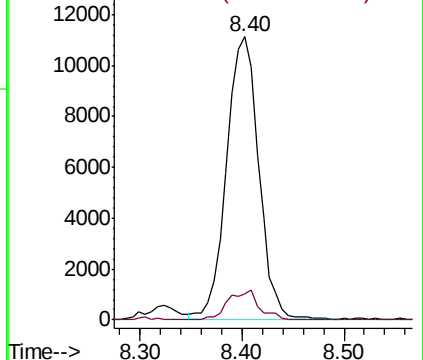
62 100

98 10.0 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.863 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

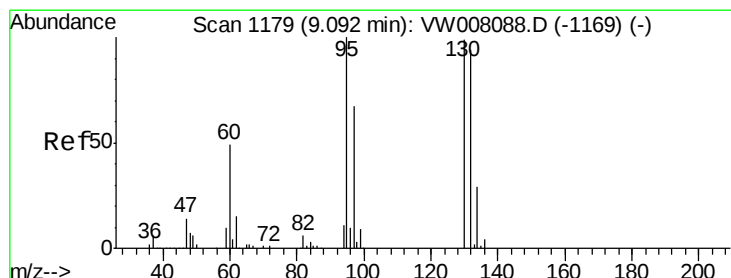
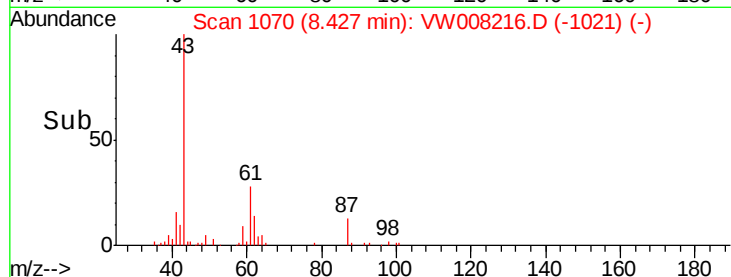
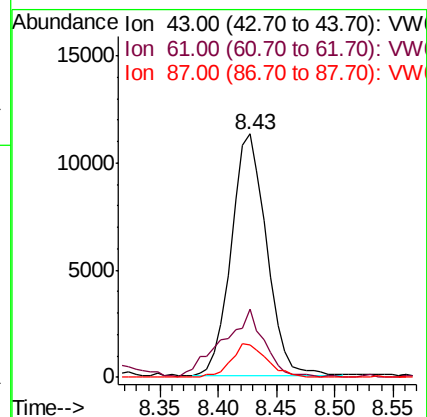
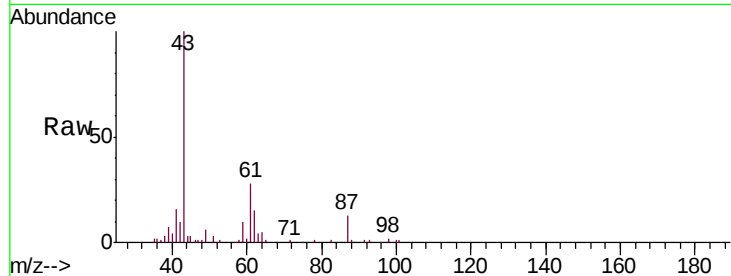
Tgt Ion: 43 Resp: 23771

Ion Ratio Lower Upper

43 100

61 33.2 24.8 37.2

87 13.9 10.4 15.6



#44

Trichloroethene

Concen: 20.675 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008216.D

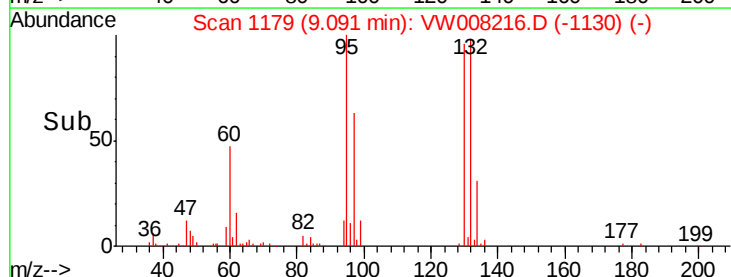
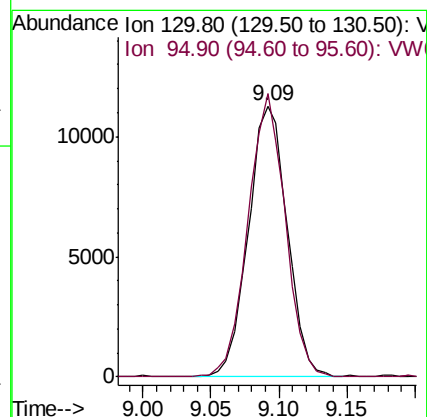
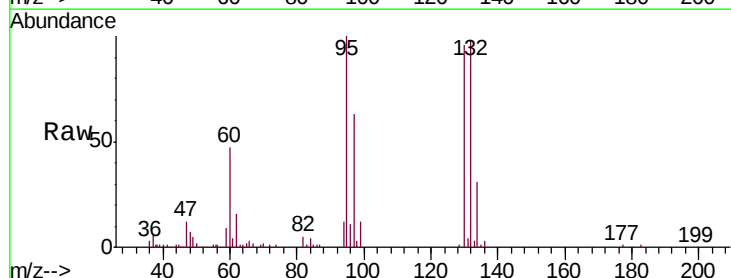
Acq: 12 Jan 2019 03:09

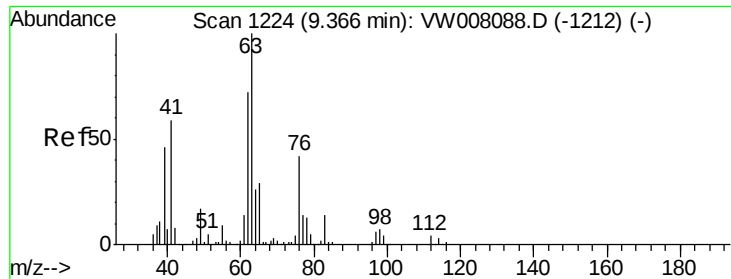
Tgt Ion: 130 Resp: 22584

Ion Ratio Lower Upper

130 100

95 104.4 0.0 202.8

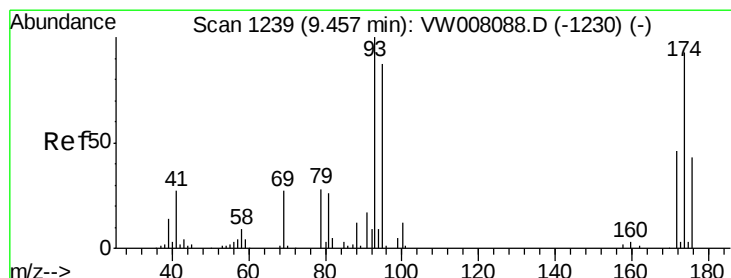
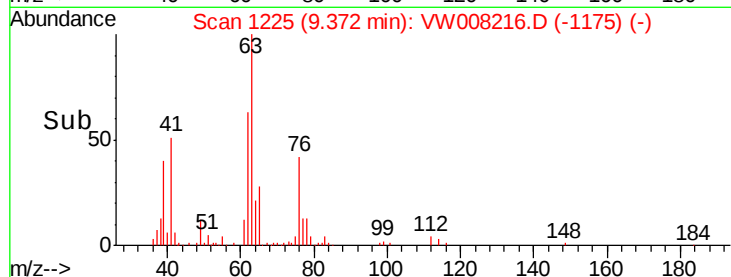
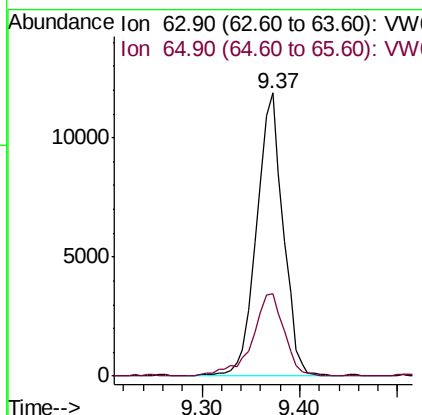
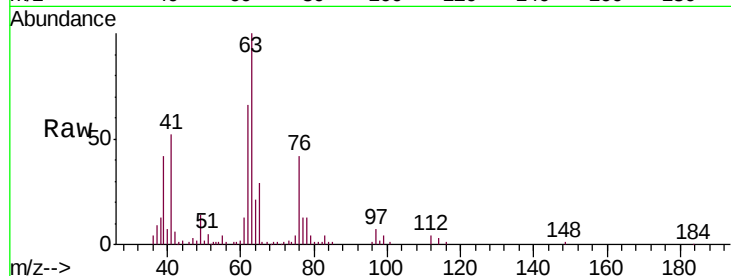




#45
 1,2-Dichloropropane
 Concen: 21.181 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

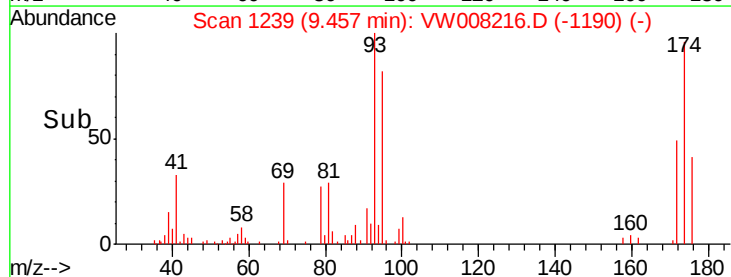
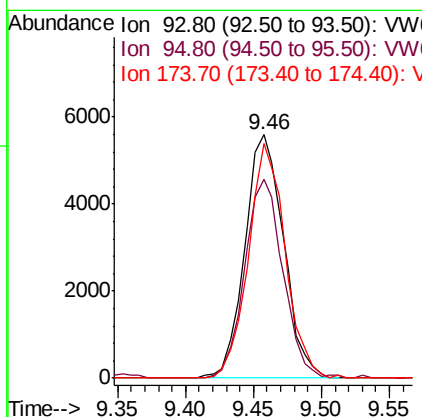
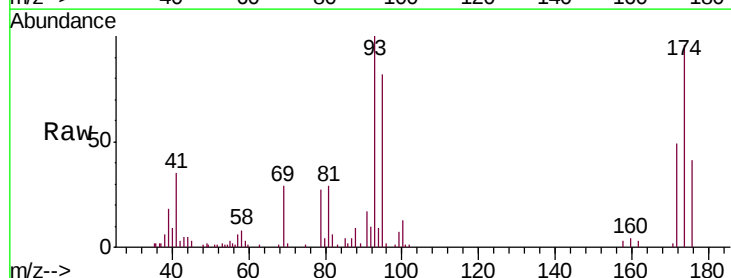
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

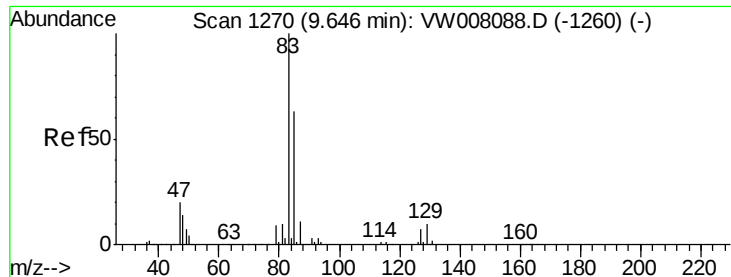
Tgt Ion: 63 Resp: 22411
 Ion Ratio Lower Upper
 63 100
 65 29.1 23.3 34.9



#46
 Dibromomethane
 Concen: 21.429 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 93 Resp: 11135
 Ion Ratio Lower Upper
 93 100
 95 80.9 67.5 101.3
 174 91.7 72.5 108.7

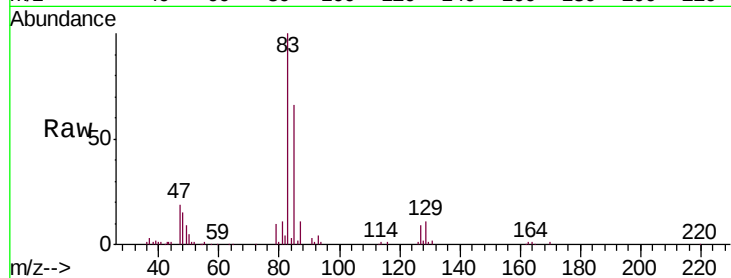




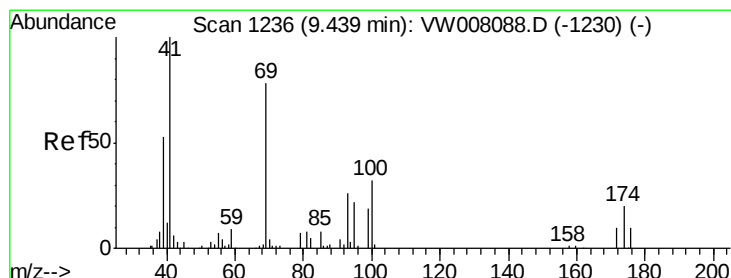
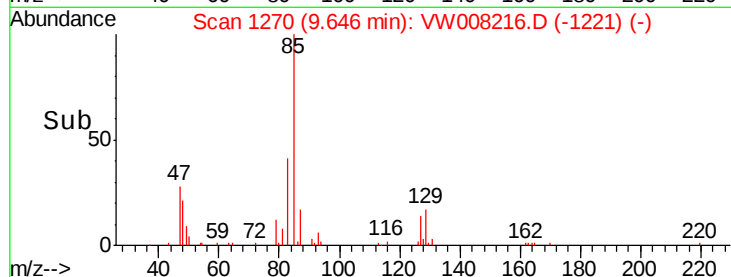
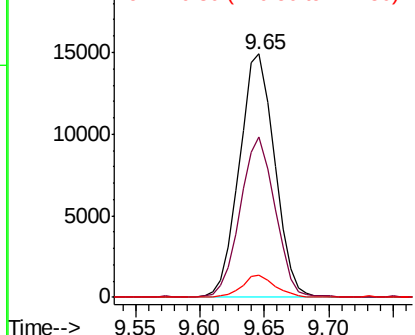
#47
Bromodichloromethane
Concen: 21.481 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

Tgt Ion: 83 Resp: 28342
Ion Ratio Lower Upper
83 100
85 66.0 50.7 76.1
127 8.9 6.0 9.0

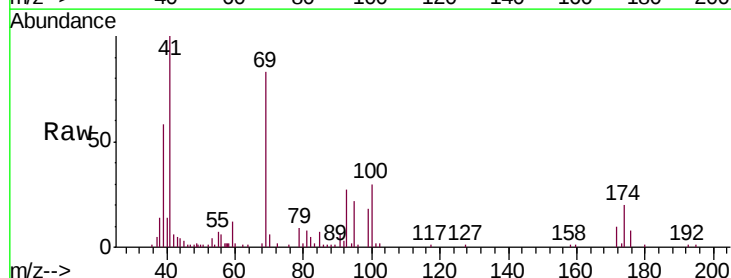


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW

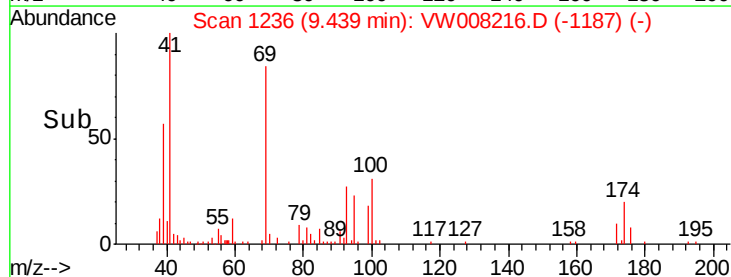
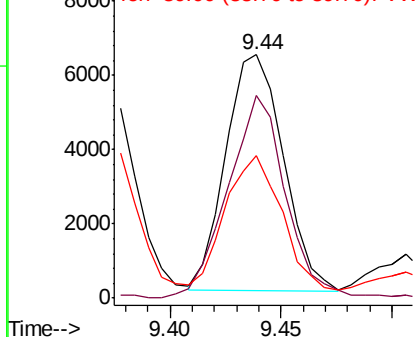


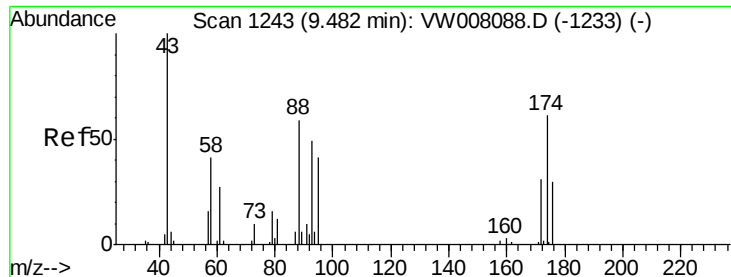
#48
Methyl methacrylate
Concen: 19.219 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 41 Resp: 11428
Ion Ratio Lower Upper
41 100
69 86.6 61.9 92.9
39 59.0 43.0 64.4



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

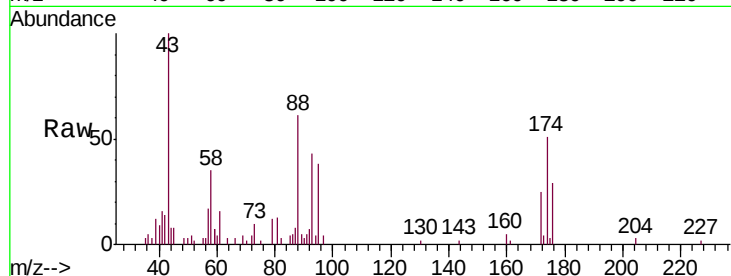




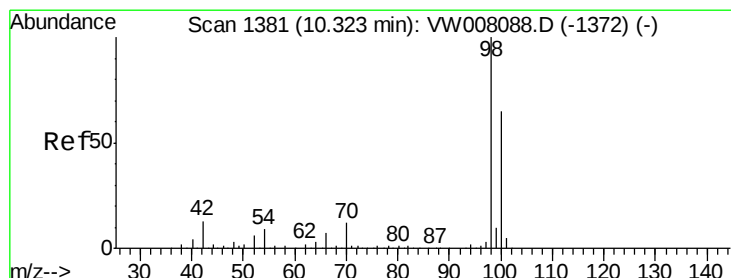
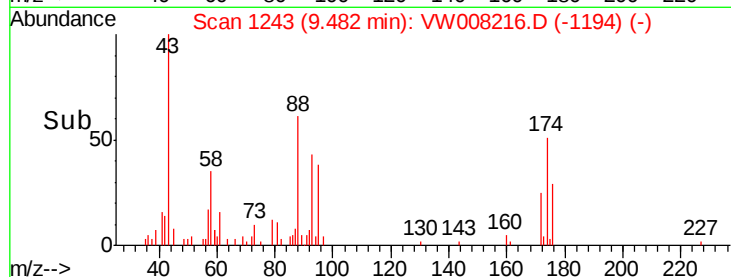
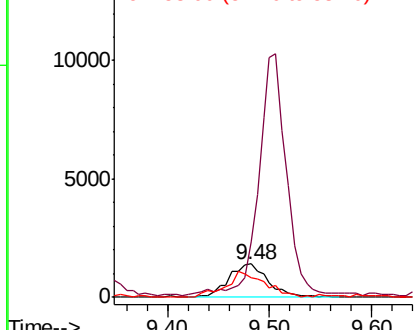
#49
1,4-Dioxane
Concen: 452.826 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

Tgt Ion: 88 Resp: 3784
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 75.6 61.7 92.5

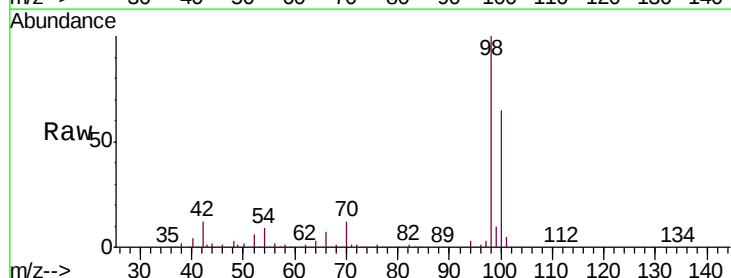


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

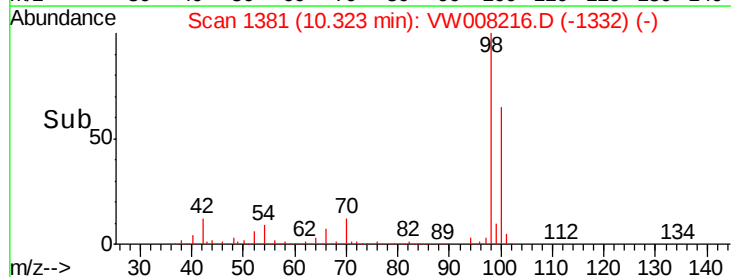
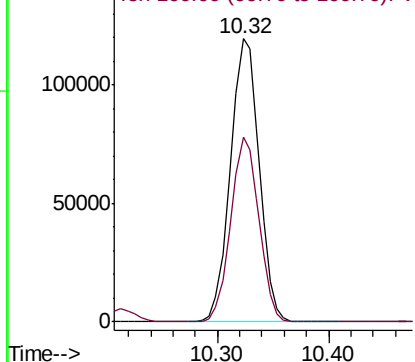


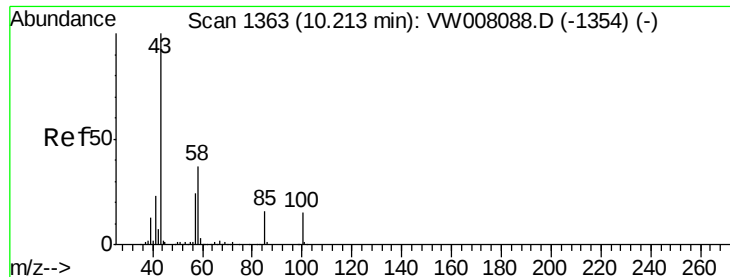
#50
Toluene-d8
Concen: 57.146 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 98 Resp: 213613
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



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

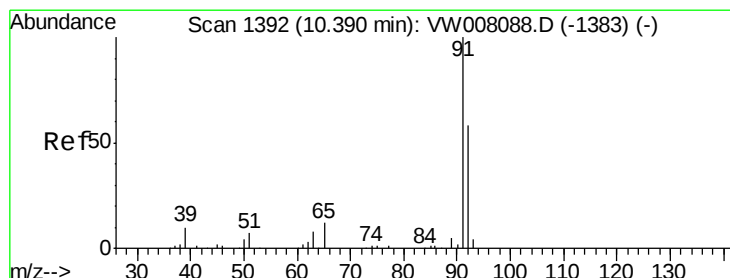
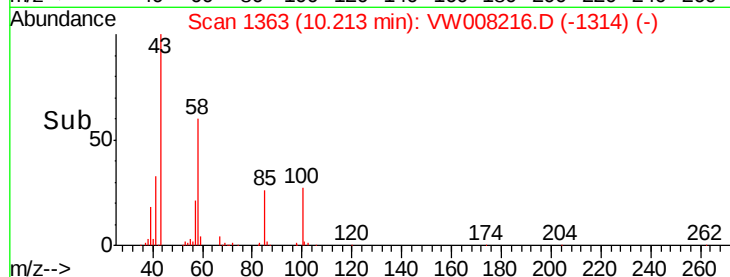
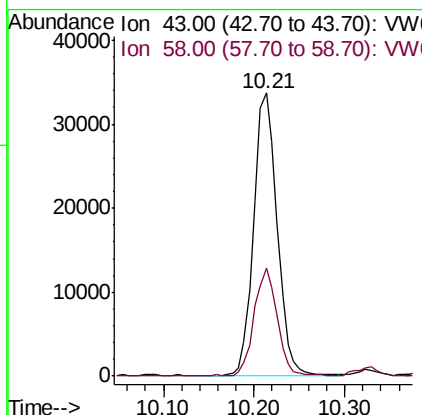
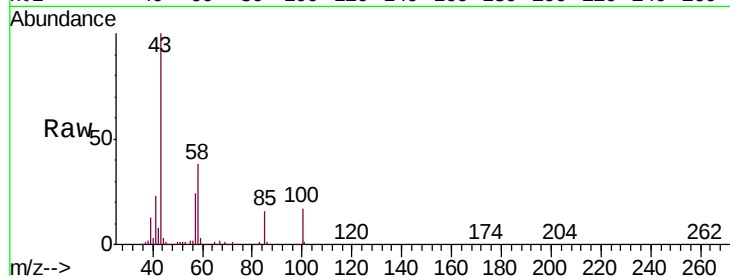




#51
 4-Methyl-2-Pentanone
 Concen: 100.029 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

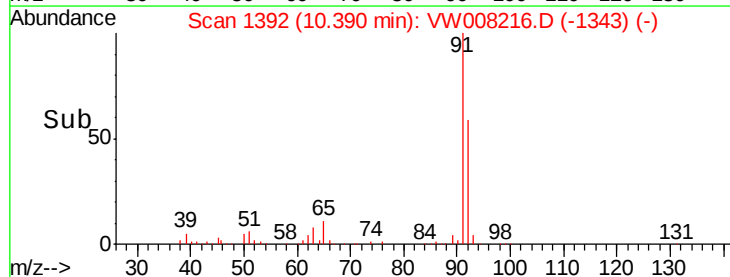
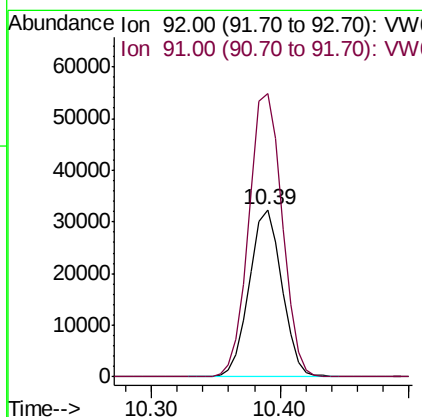
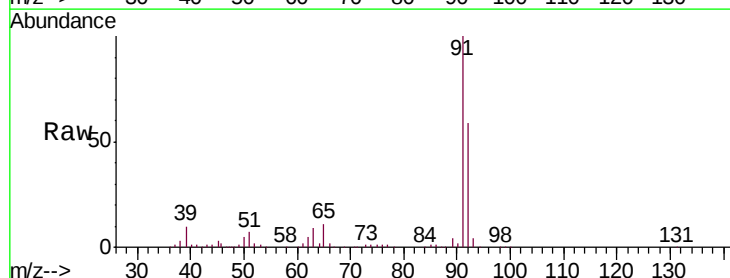
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

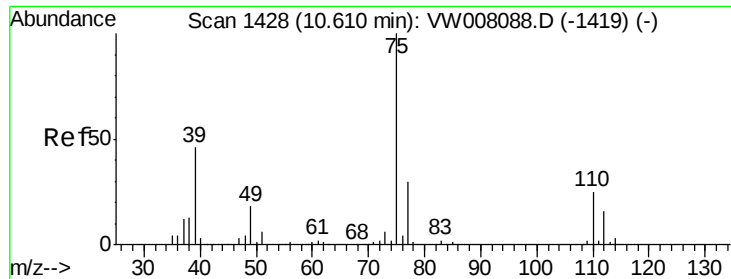
Tgt Ion: 43 Resp: 61018
 Ion Ratio Lower Upper
 43 100
 58 37.3 30.6 46.0



#52
 Toluene
 Concen: 20.759 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 92 Resp: 56570
 Ion Ratio Lower Upper
 92 100
 91 173.1 137.0 205.4

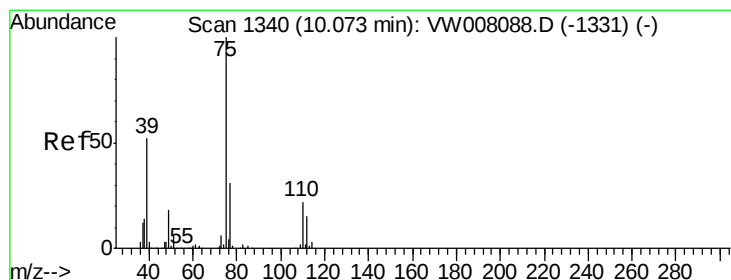
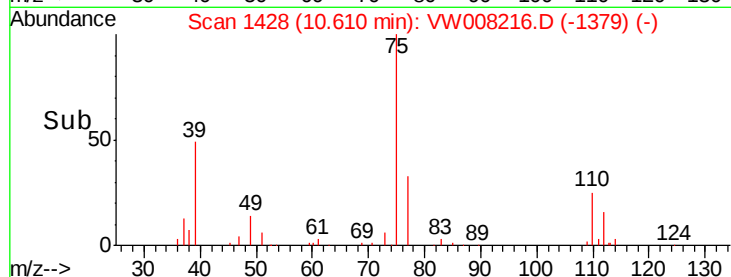
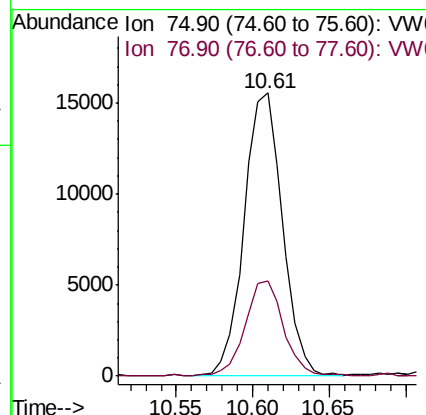
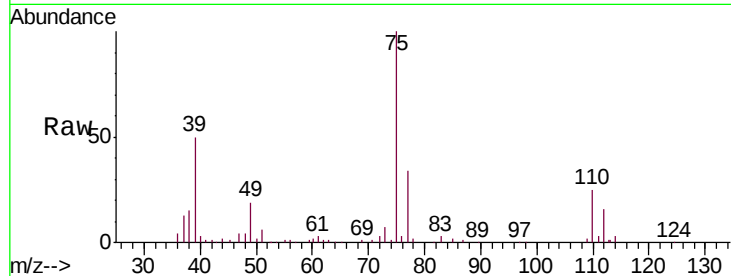




#53
t-1,3-Dichloropropene
Concen: 19.728 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

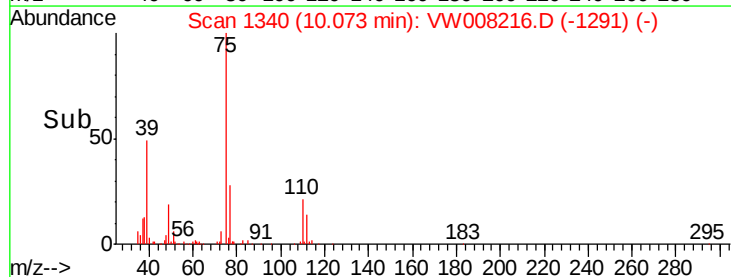
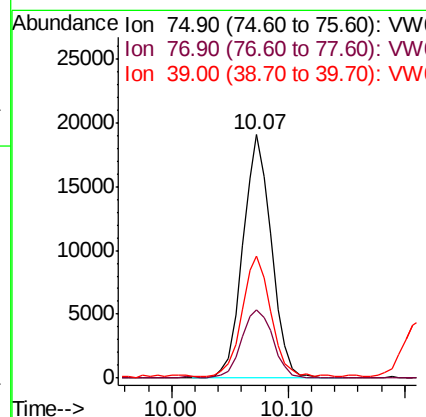
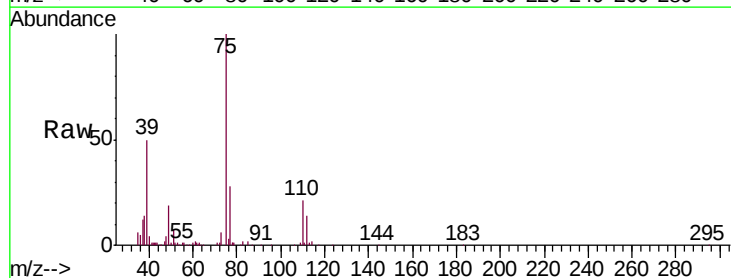
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

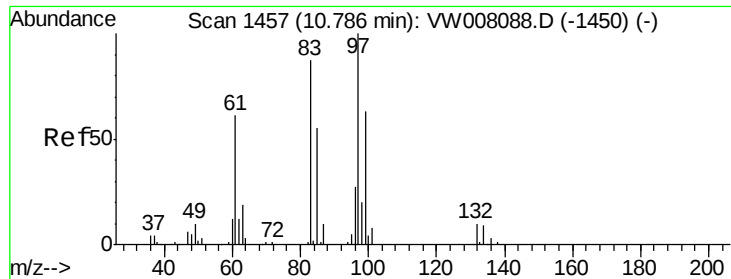
Tgt Ion: 75 Resp: 27075
Ion Ratio Lower Upper
75 100
77 33.6 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 19.944 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 75 Resp: 32458
Ion Ratio Lower Upper
75 100
77 28.2 25.2 37.8
39 49.2 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 22.062 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

Tgt Ion: 97 Resp: 16095

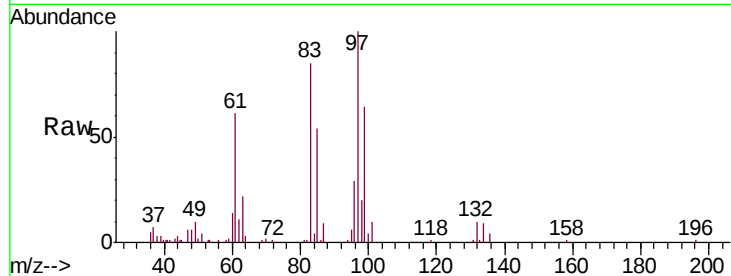
Ion Ratio Lower Upper

97 100

83 84.5 69.3 103.9

85 54.3 43.8 65.6

99 64.0 50.0 75.0

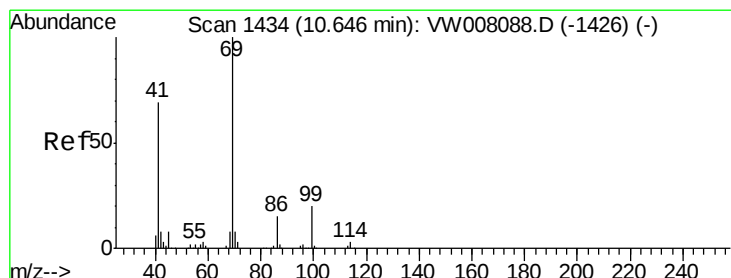
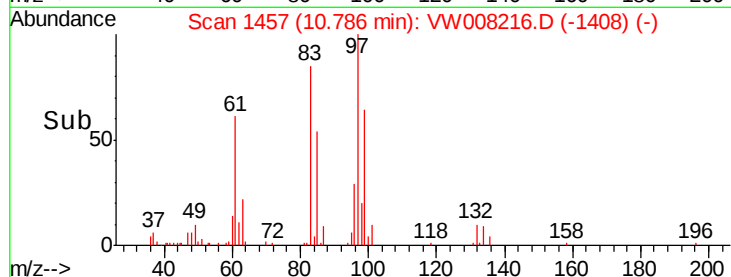
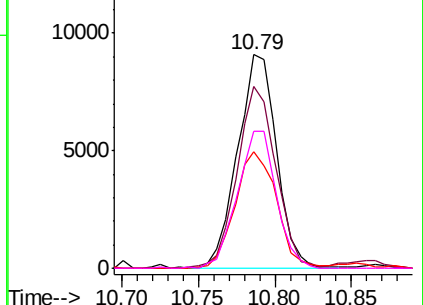


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 20.330 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

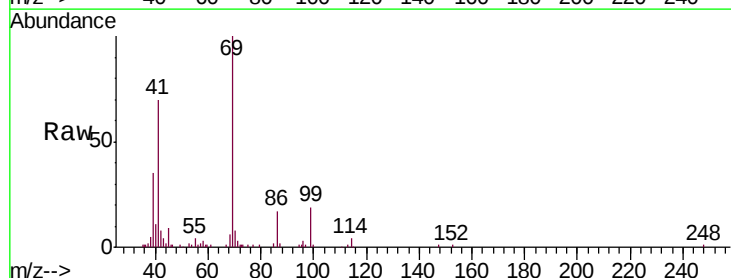
Tgt Ion: 69 Resp: 18368

Ion Ratio Lower Upper

69 100

41 66.5 56.4 84.6

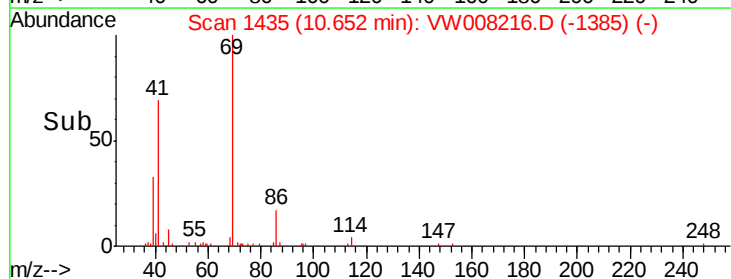
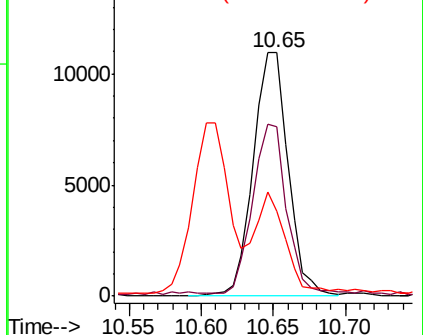
39 36.4 28.1 42.1



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

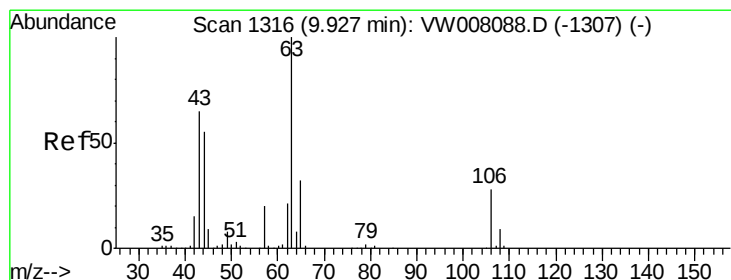
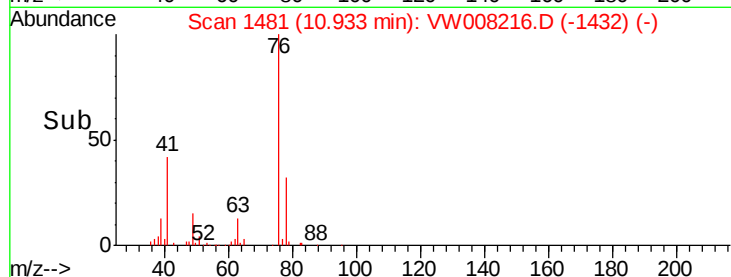
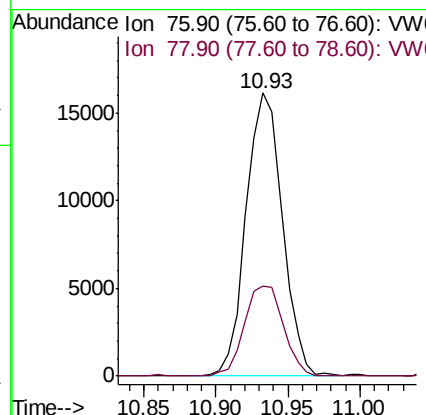
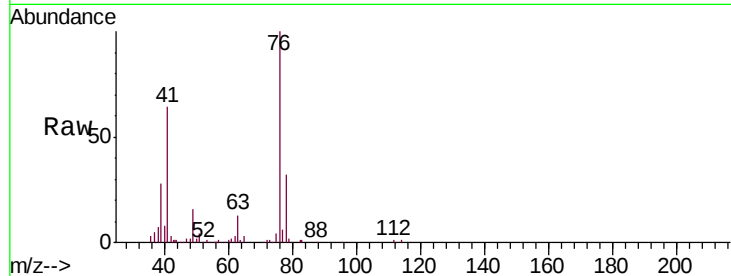




#57
 1,3-Dichloropropane
 Concen: 21.238 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

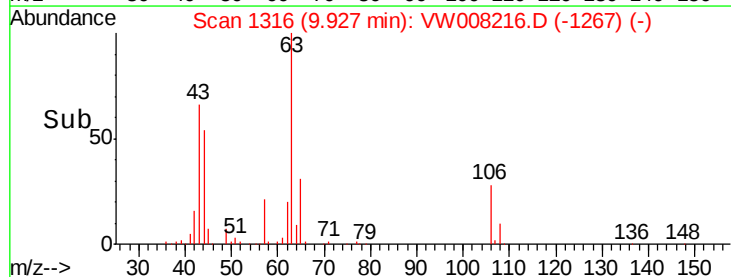
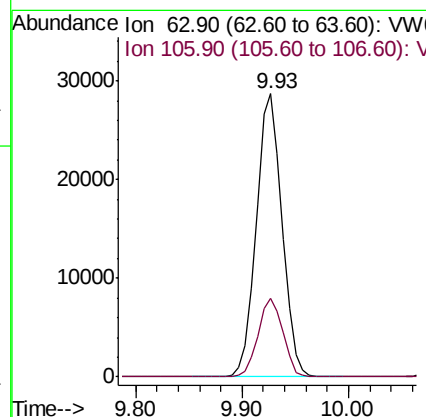
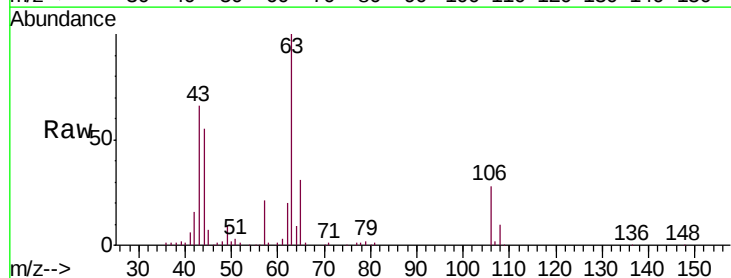
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

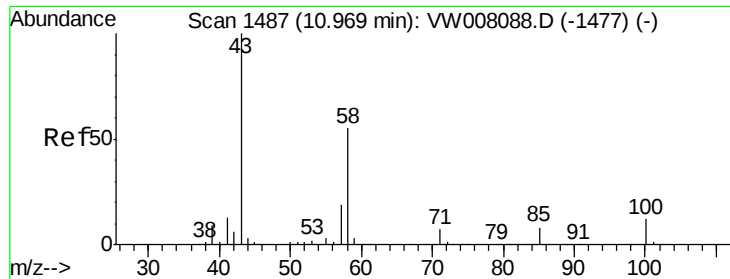
Tgt Ion: 76 Resp: 28337
 Ion Ratio Lower Upper
 76 100
 78 34.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.482 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 63 Resp: 48761
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.8 32.6

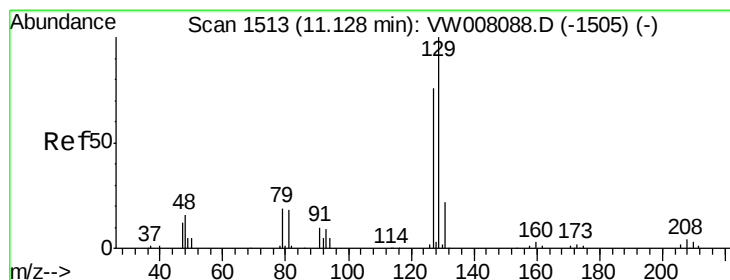
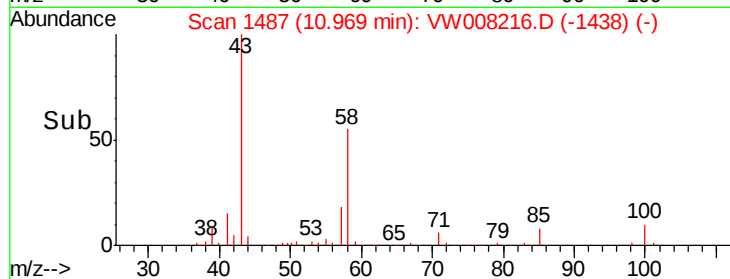
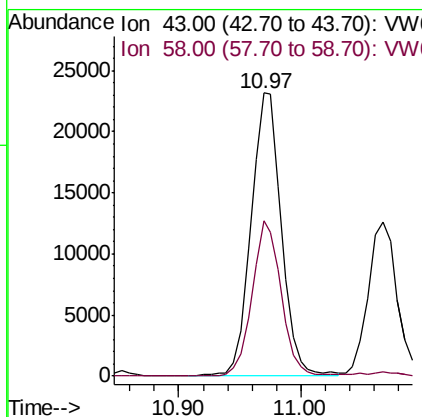
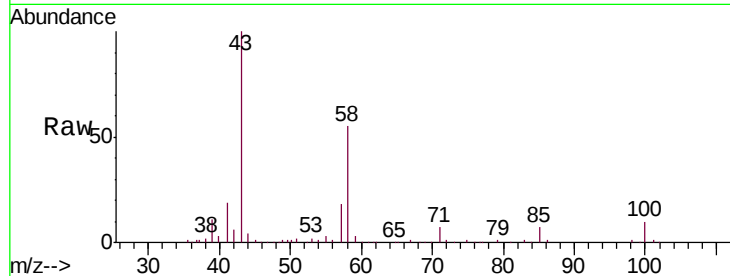




#59
2-Hexanone
Concen: 97.223 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

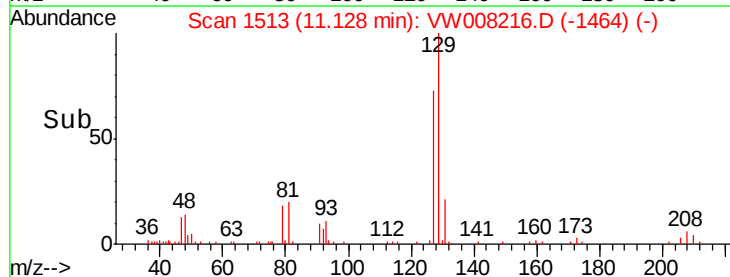
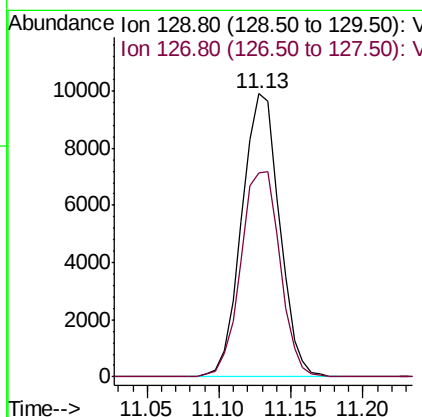
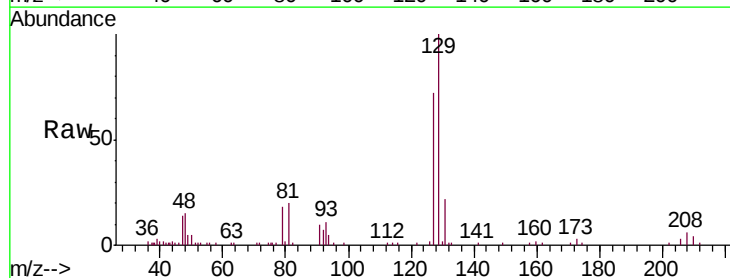
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

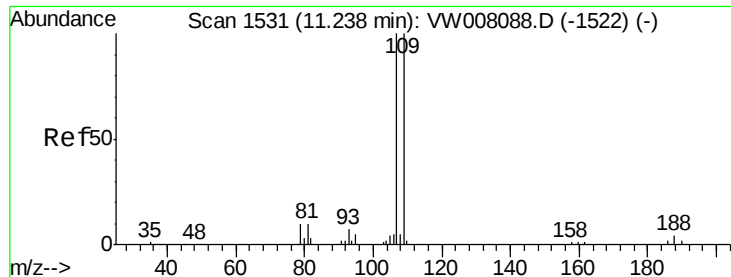
Tgt Ion: 43 Resp: 40106
Ion Ratio Lower Upper
43 100
58 52.5 27.2 81.5



#60
Dibromochloromethane
Concen: 22.372 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 129 Resp: 17923
Ion Ratio Lower Upper
129 100
127 75.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 22.300 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

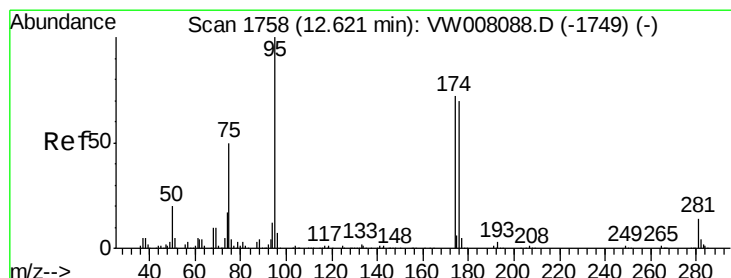
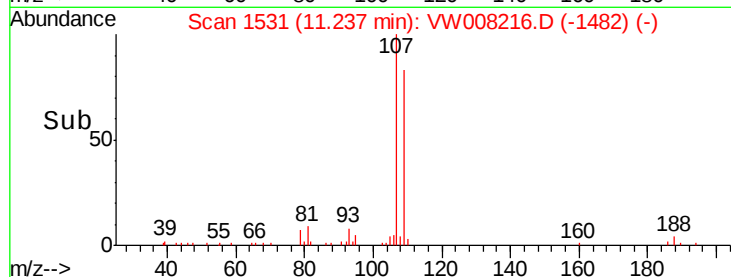
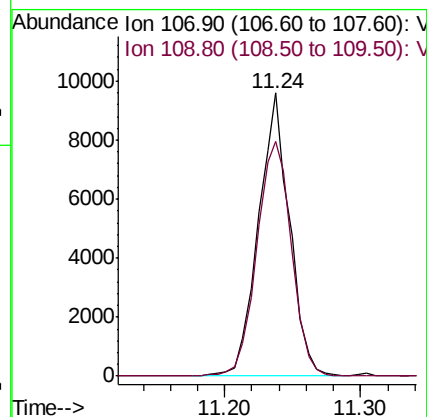
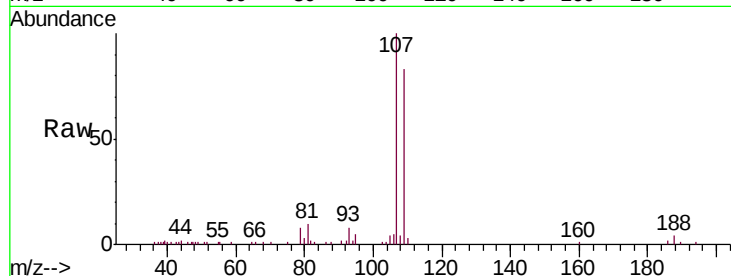
VW0111SBS02

Tgt Ion: 107 Resp: 15437

Ion Ratio Lower Upper

107 100

109 91.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 55.302 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

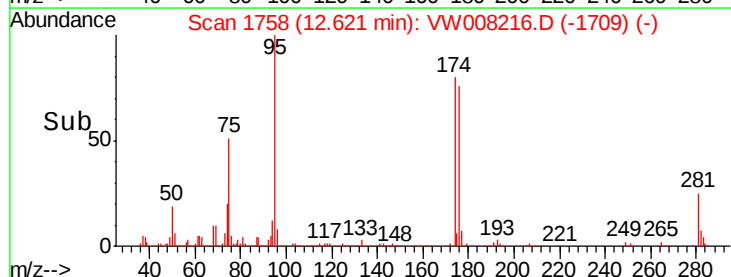
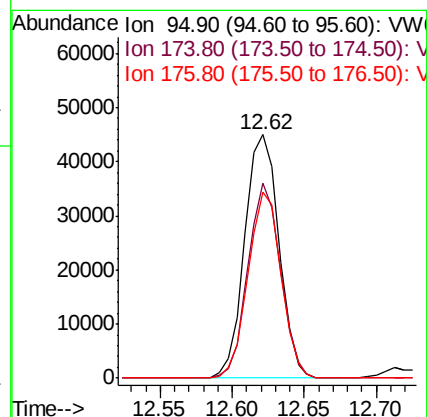
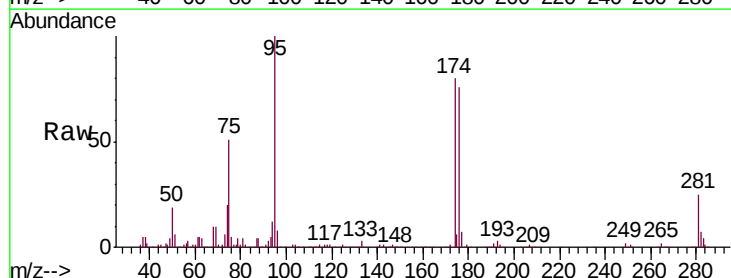
Tgt Ion: 95 Resp: 74108

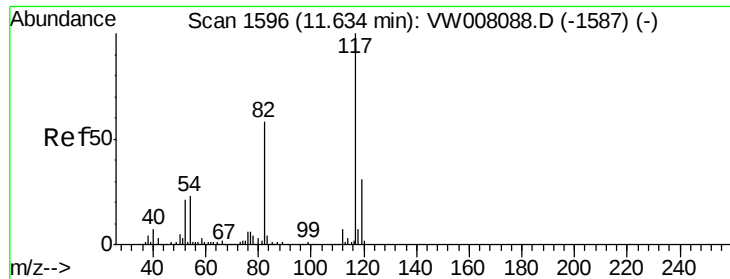
Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.0

176 73.4 0.0 140.2

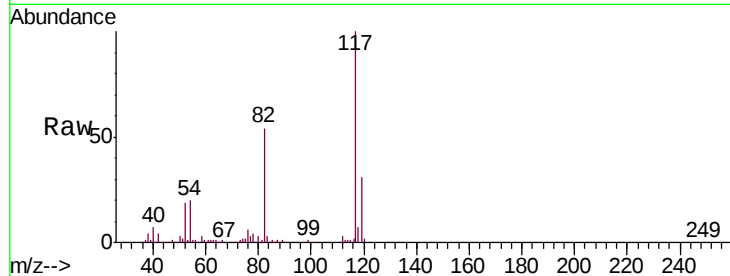




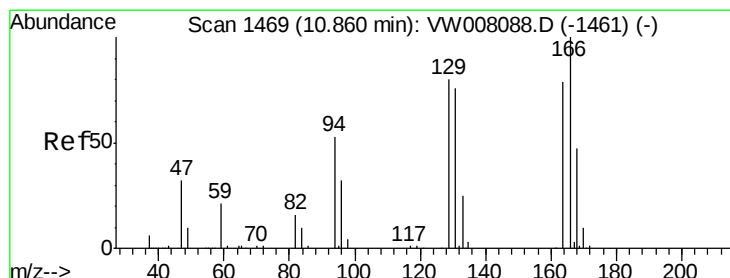
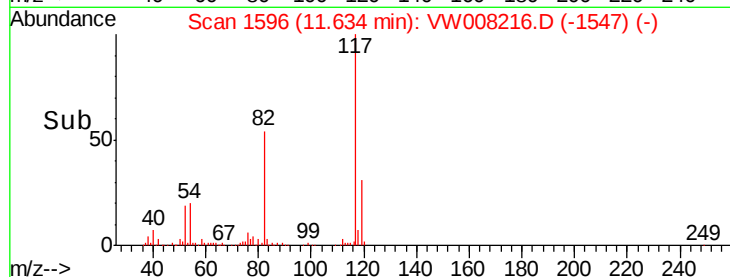
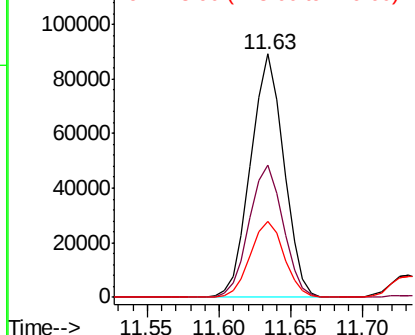
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

Tgt Ion:117 Resp: 142393
Ion Ratio Lower Upper
117 100
82 54.4 46.4 69.6
119 31.1 24.7 37.1

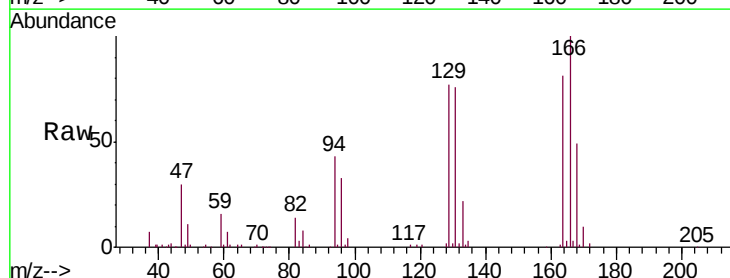


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

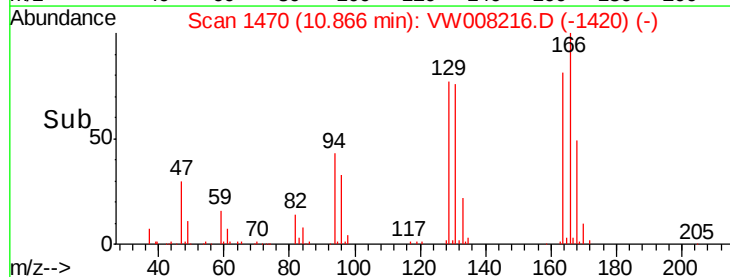
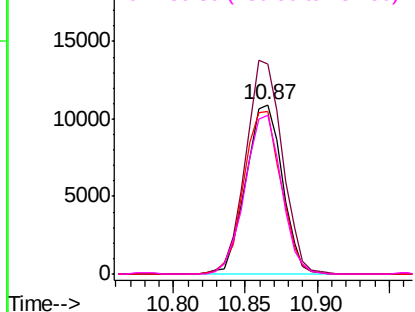


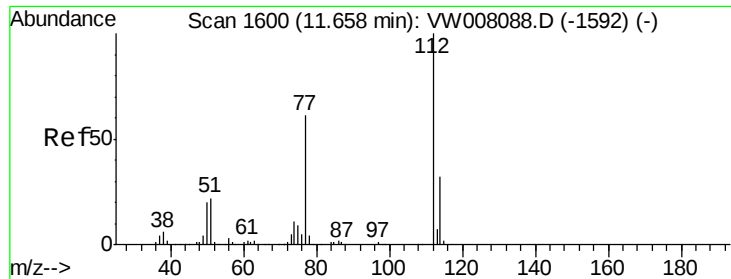
#64
Tetrachloroethene
Concen: 20.608 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion:164 Resp: 19097
Ion Ratio Lower Upper
164 100
166 123.7 100.7 151.1
129 95.7 81.0 121.4
131 94.0 76.1 114.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

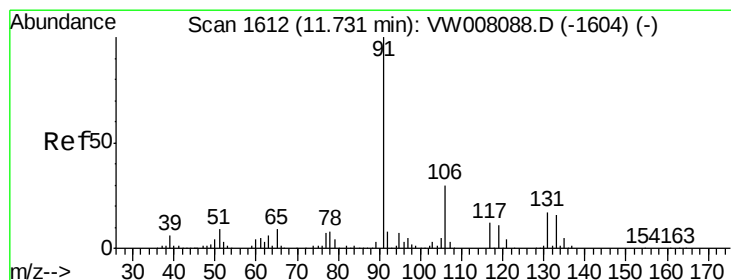
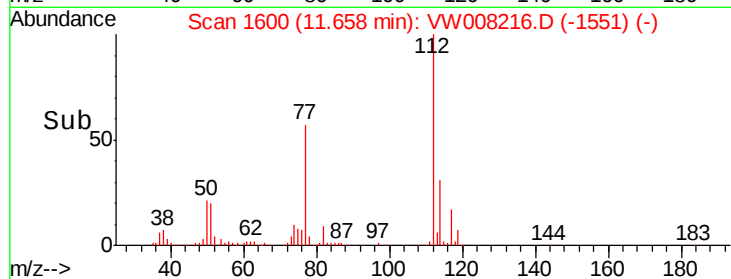
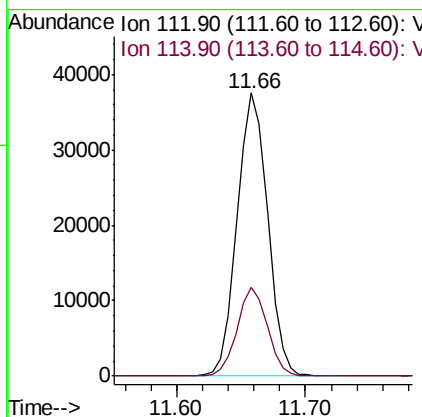
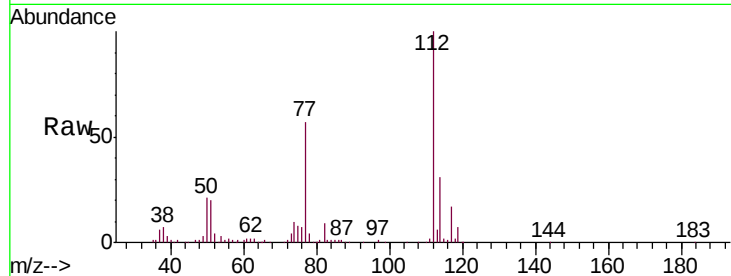




#65
Chlorobenzene
Concen: 20.408 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

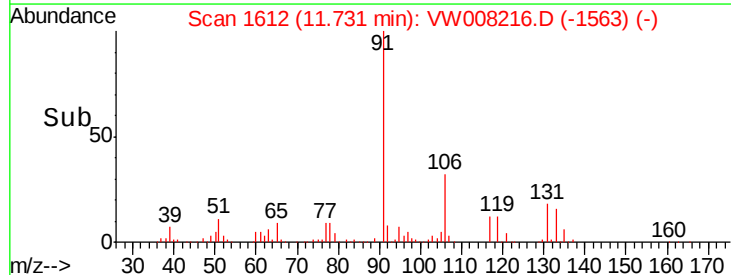
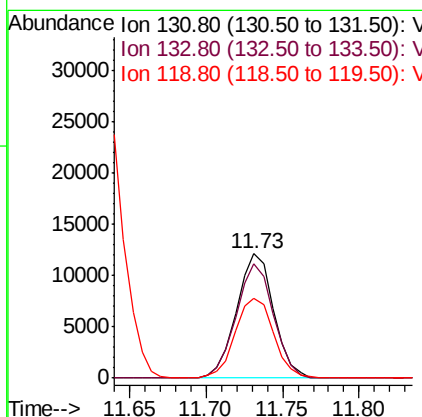
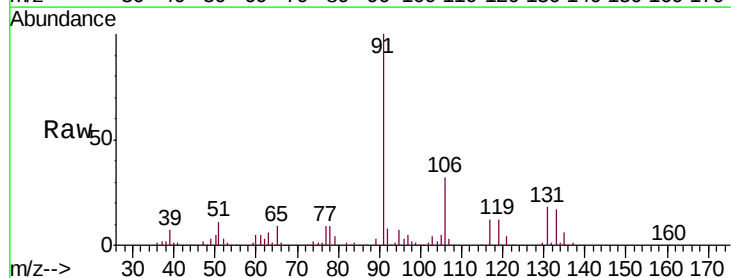
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

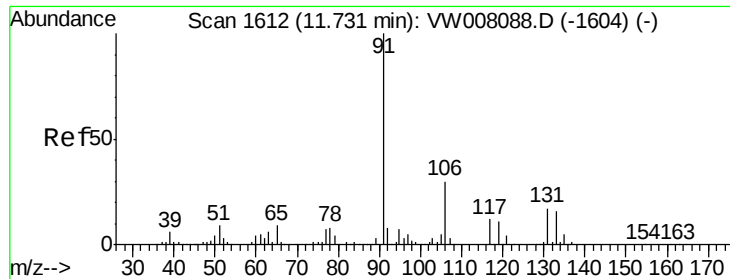
Tgt Ion:112 Resp: 61565
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.797 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion:131 Resp: 20406
Ion Ratio Lower Upper
131 100
133 93.4 47.9 143.7
119 67.0 32.5 97.4

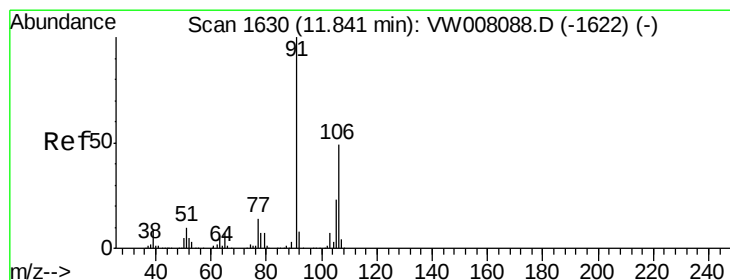
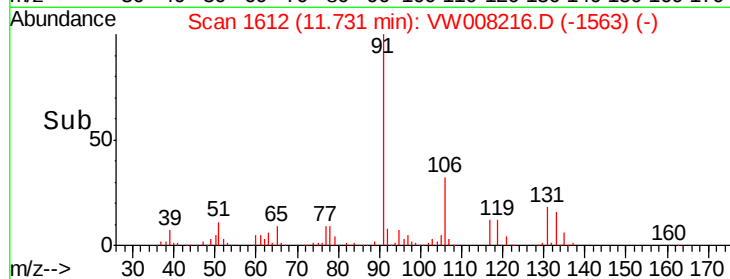
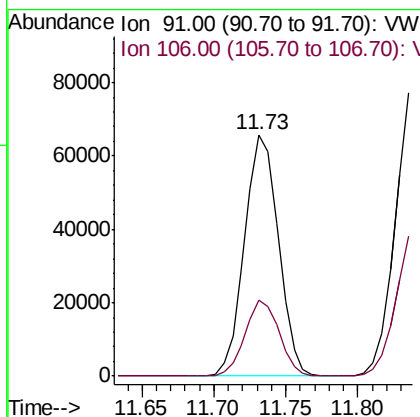
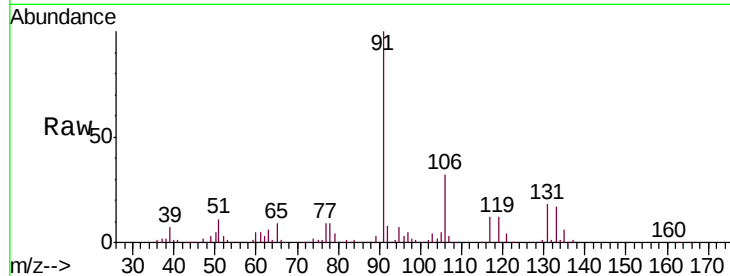




#67
Ethyl Benzene
Concen: 19.416 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

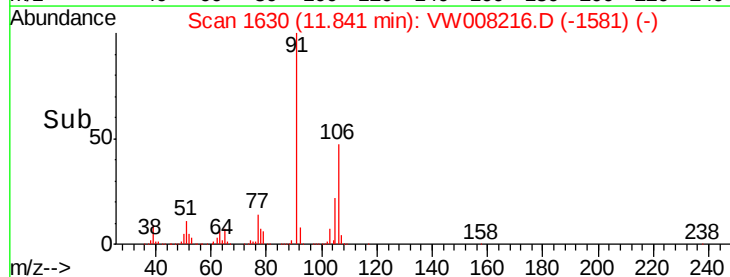
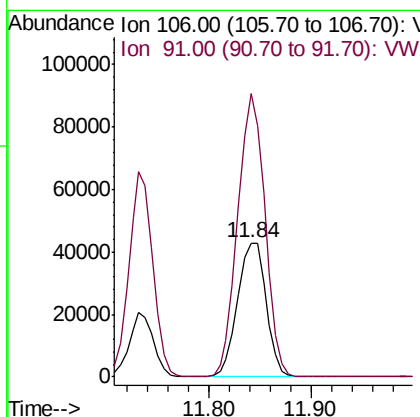
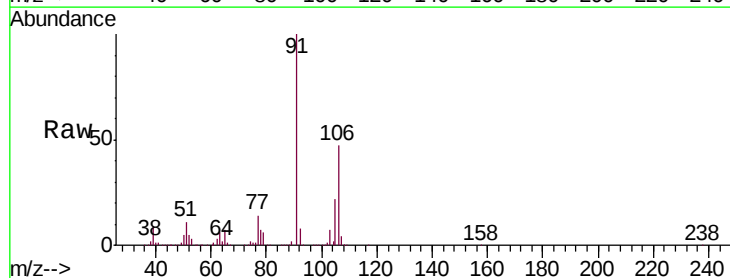
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

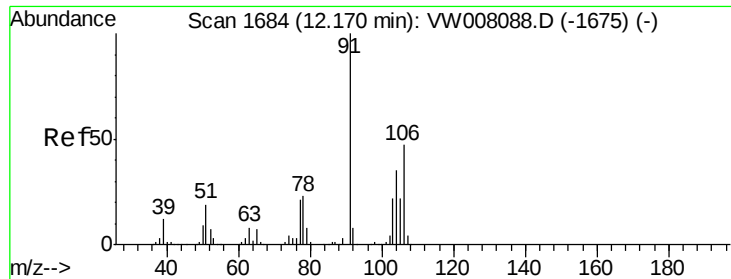
Tgt Ion: 91 Resp: 107172
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 39.590 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 106 Resp: 83408
Ion Ratio Lower Upper
106 100
91 202.0 162.4 243.6

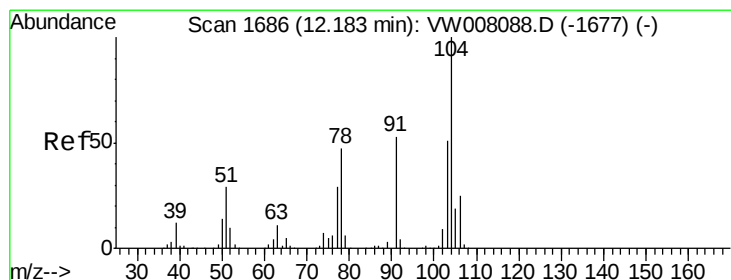
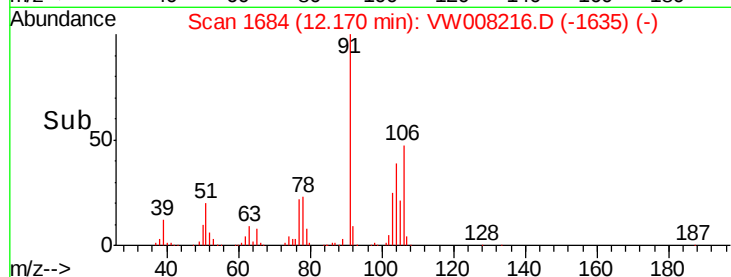
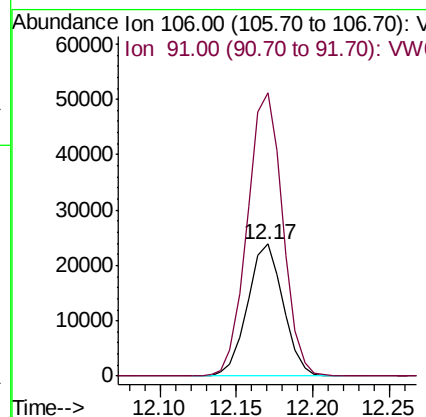
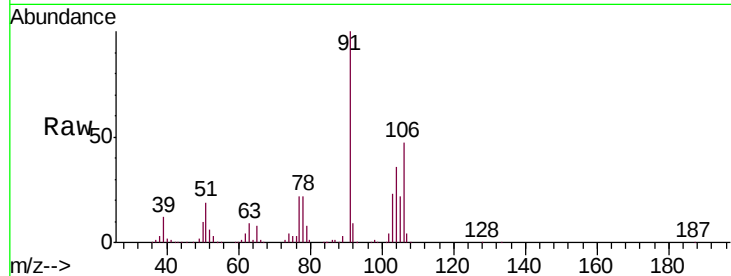




#69
o-Xylene
Concen: 19.788 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

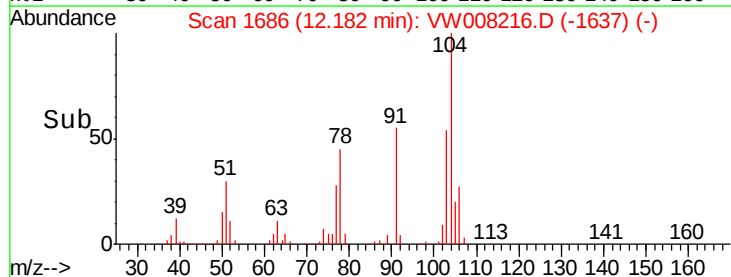
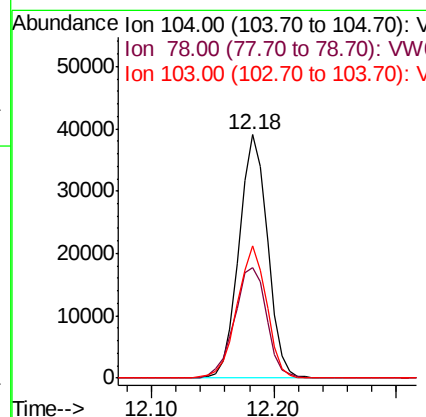
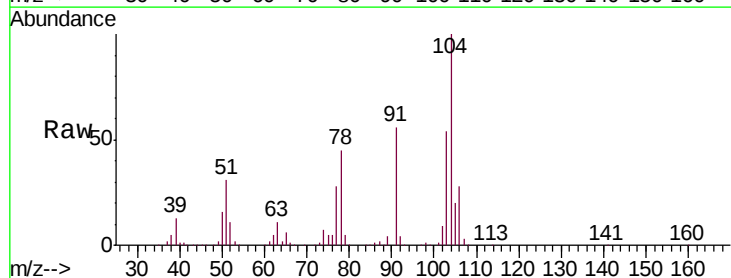
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

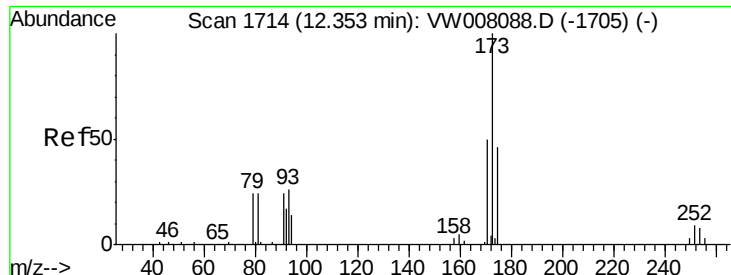
Tgt Ion:106 Resp: 38606
Ion Ratio Lower Upper
106 100
91 213.5 107.8 323.6



#70
Styrene
Concen: 20.575 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion:104 Resp: 62876
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 56.2 43.8 65.8





#71

Bromoform

Concen: 22.872 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

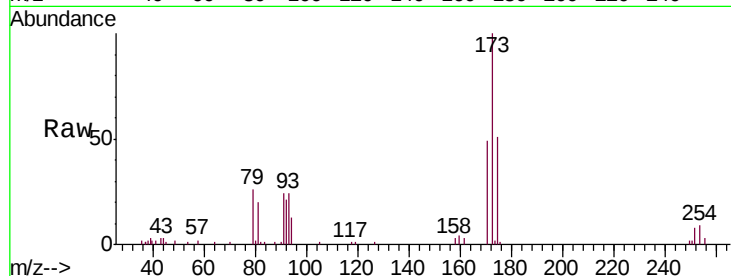
Tgt Ion:173 Resp: 10044

Ion Ratio Lower Upper

173 100

175 47.4 23.3 69.8

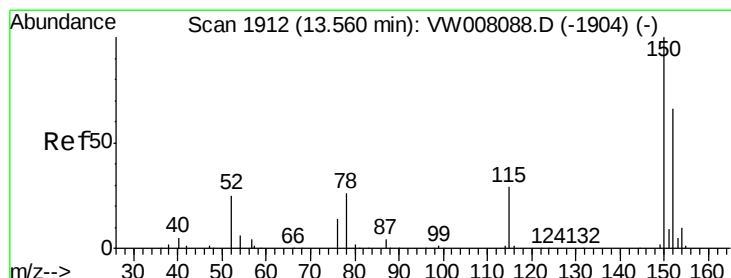
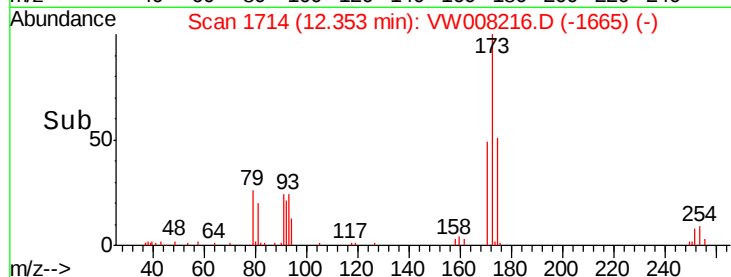
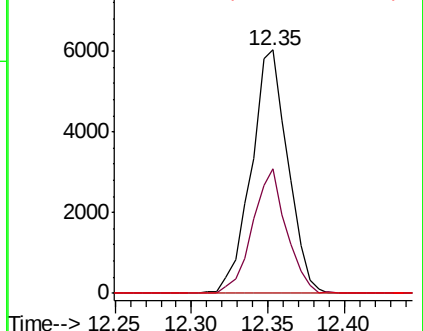
254 0.0 0.0 0.0



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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

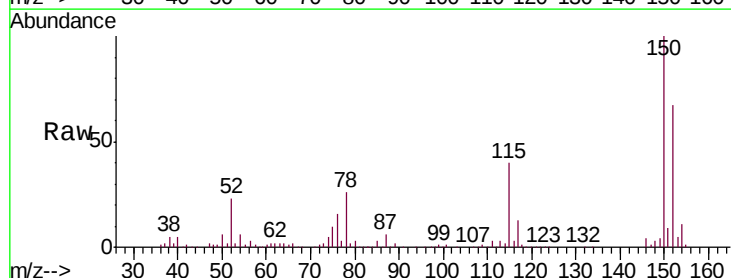
Tgt Ion:152 Resp: 69378

Ion Ratio Lower Upper

152 100

115 60.4 30.8 92.4

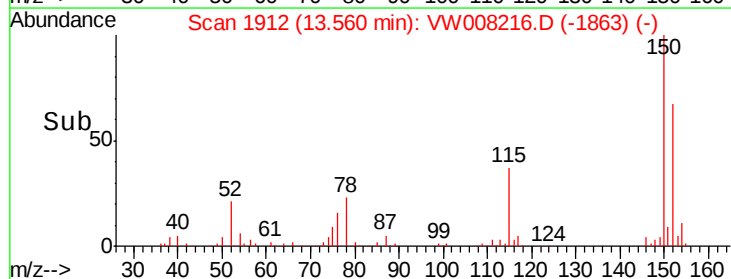
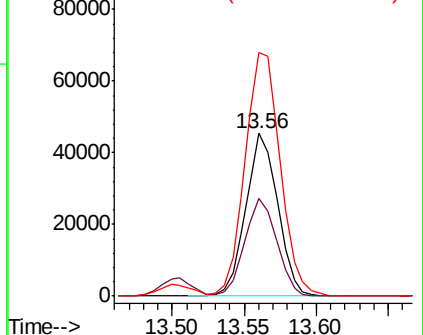
150 165.2 0.0 350.2

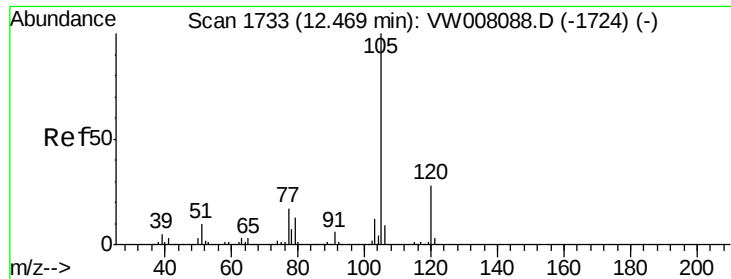


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.167 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

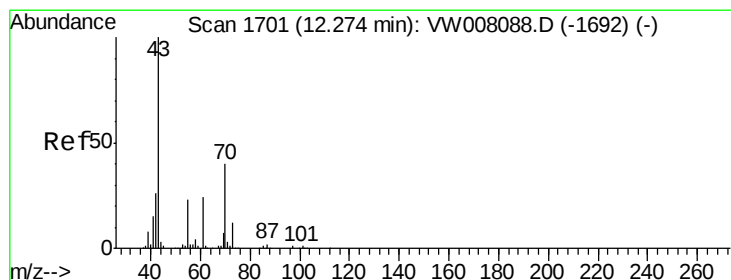
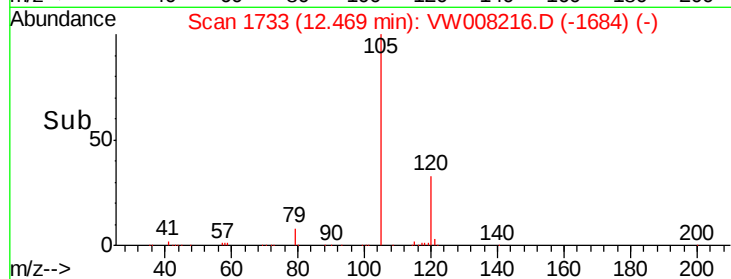
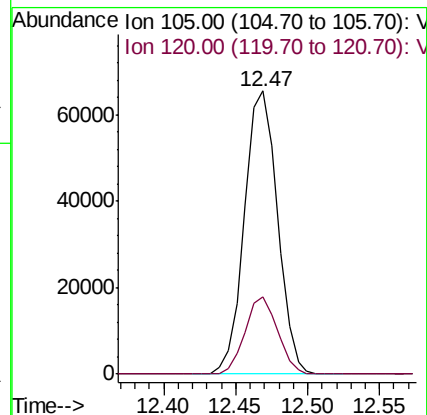
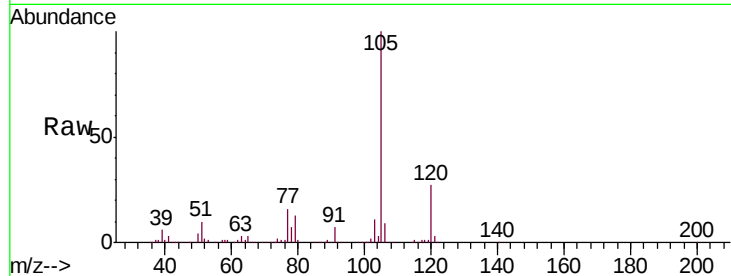
VW0111SBS02

Tgt Ion:105 Resp: 104397

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.8



#74

N-ethyl acetate

Concen: 19.074 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Tgt Ion: 43 Resp: 23007

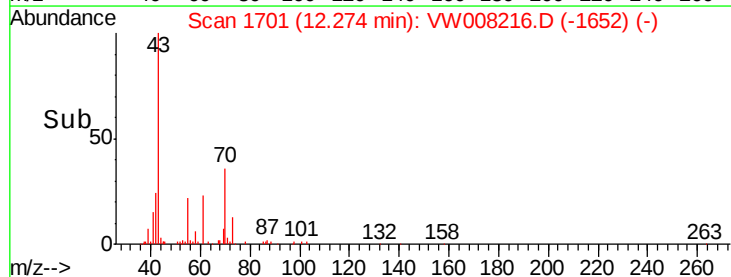
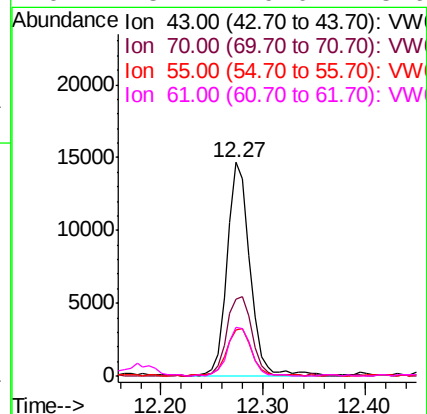
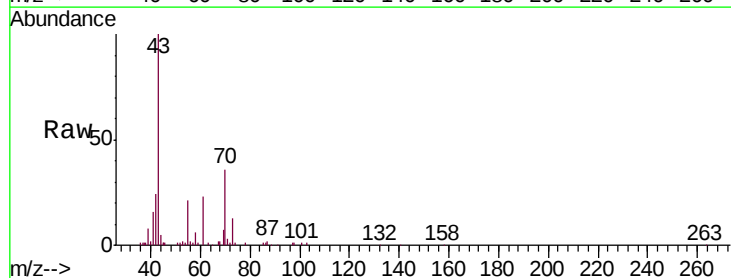
Ion Ratio Lower Upper

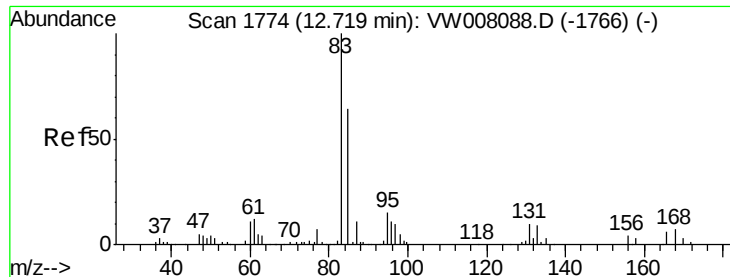
43 100

70 40.9 32.4 48.6

55 24.6 18.7 28.1

61 23.7 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.301 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

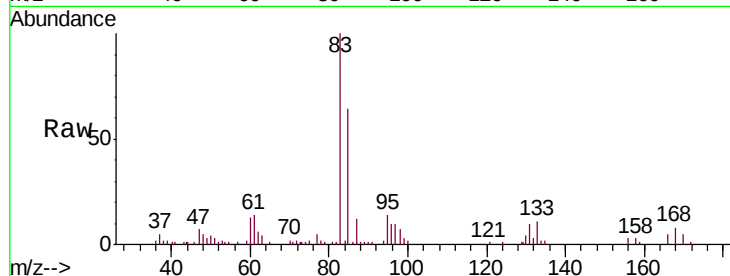
Tgt Ion: 83 Resp: 18571

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

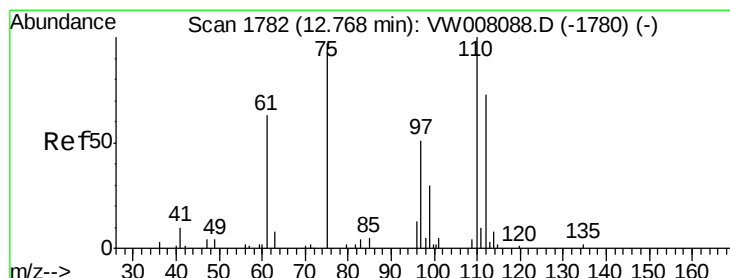
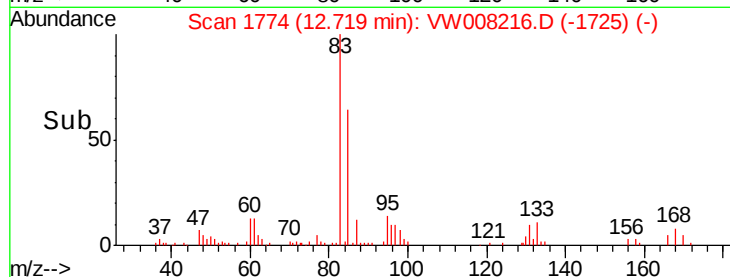
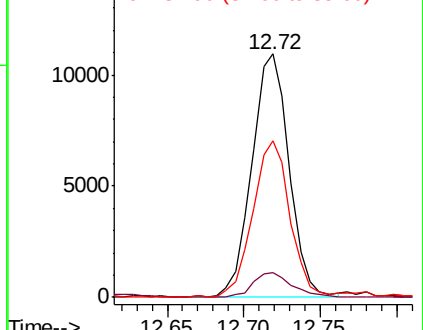
85 64.1 32.4 97.2



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: 36.464 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW008216.D

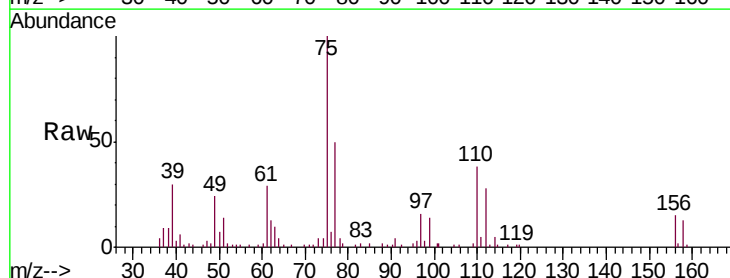
Acq: 12 Jan 2019 03:09

Tgt Ion: 75 Resp: 23062

Ion Ratio Lower Upper

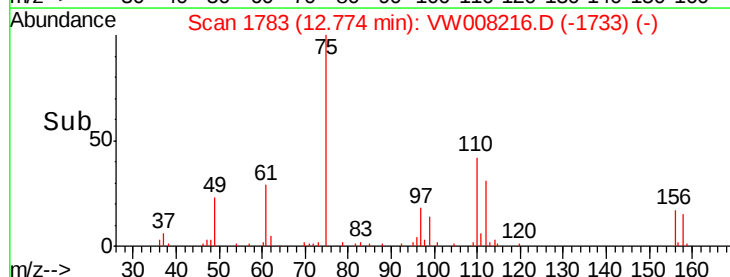
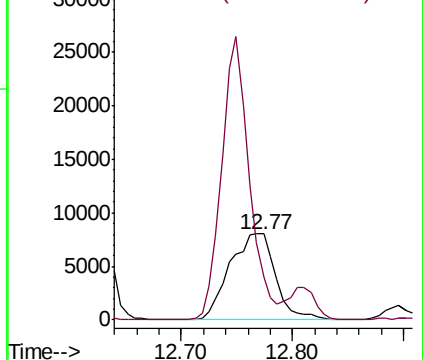
75 100

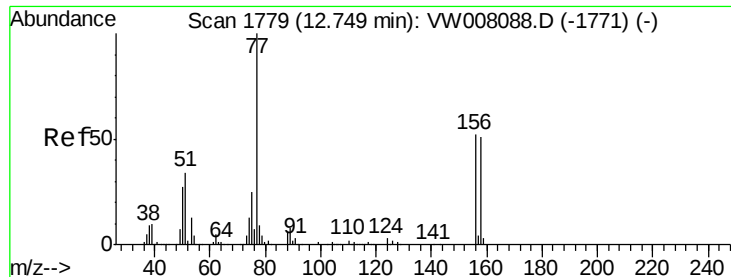
77 0.0 179.4 538.2#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

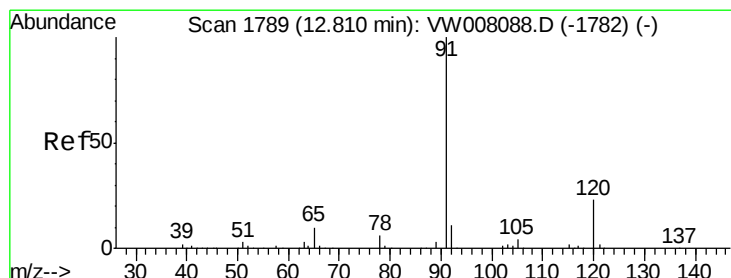
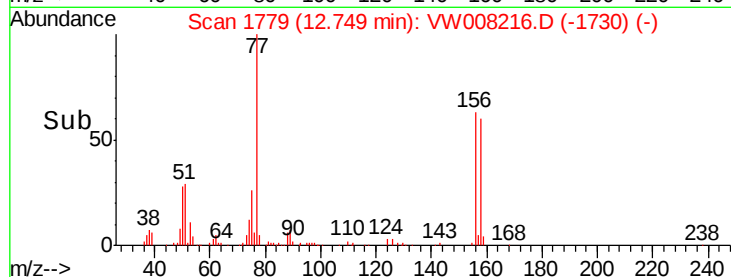
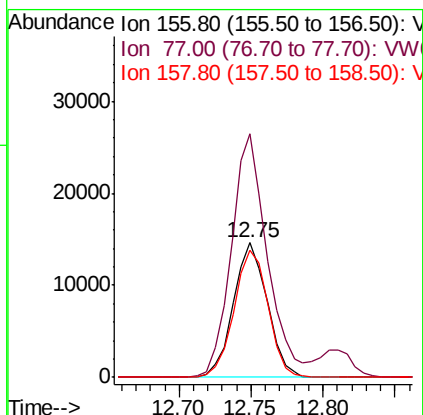
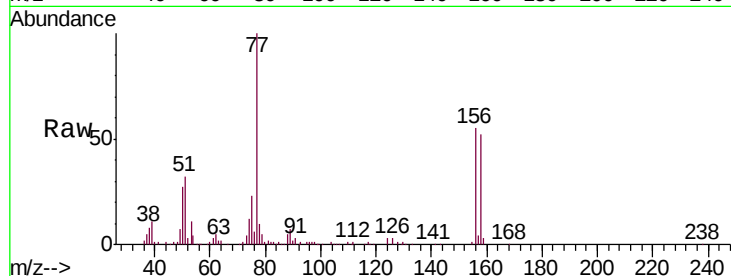




#77
Bromobenzene
Concen: 20.818 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

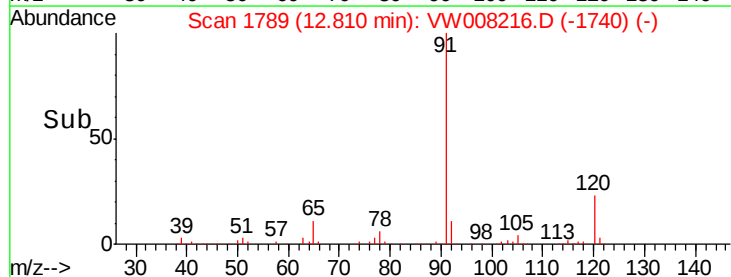
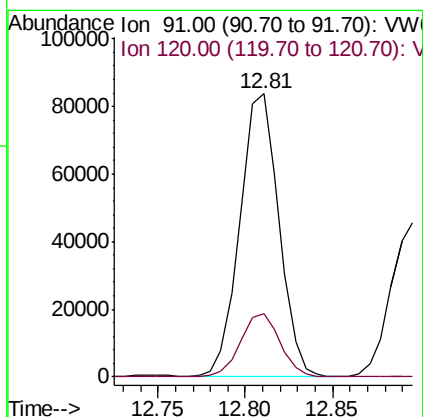
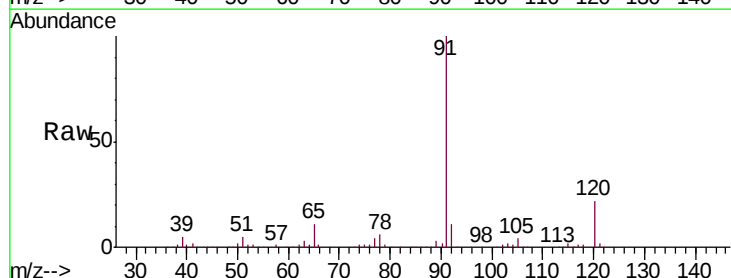
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

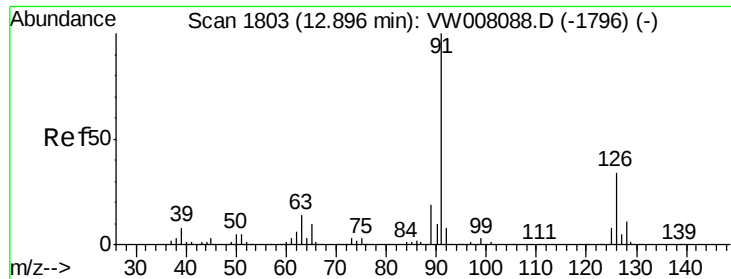
Tgt Ion: 156 Resp: 23959
Ion Ratio Lower Upper
156 100
77 190.4 104.2 312.5
158 94.7 47.9 143.6



#78
n-propylbenzene
Concen: 19.435 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 91 Resp: 129709
Ion Ratio Lower Upper
91 100
120 22.8 11.3 33.8

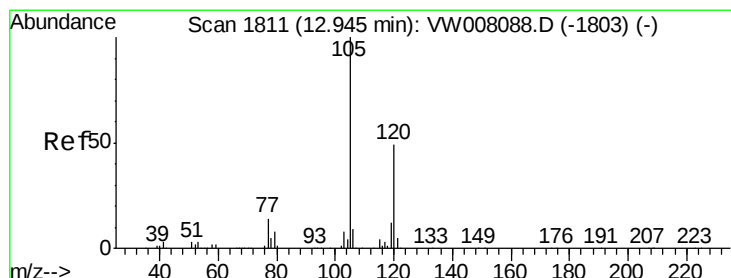
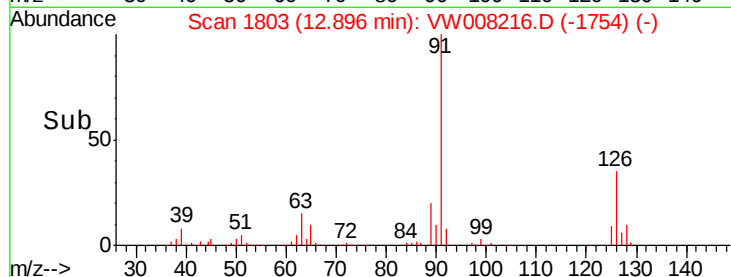
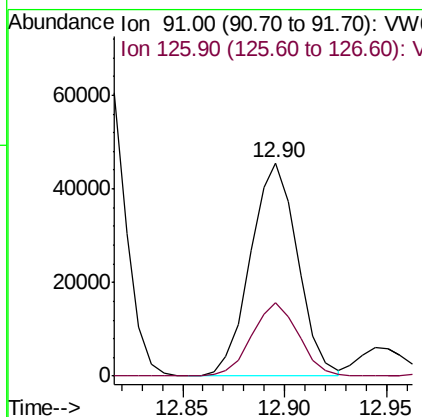
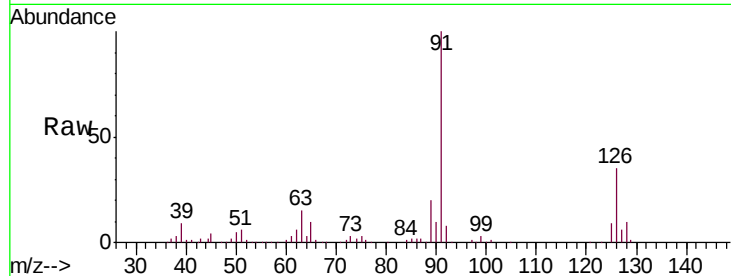




#79
 2-Chlorotoluene
 Concen: 19.601 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

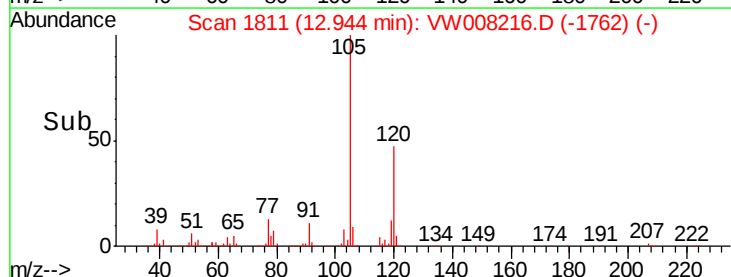
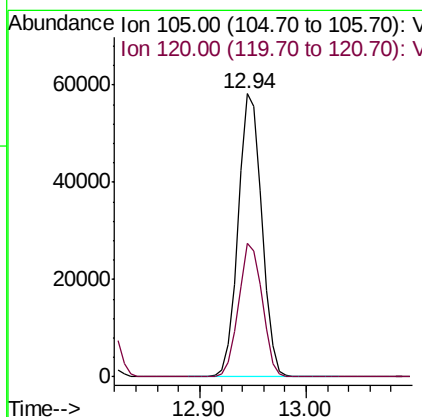
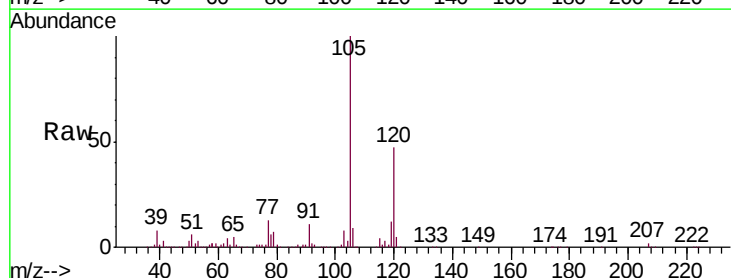
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

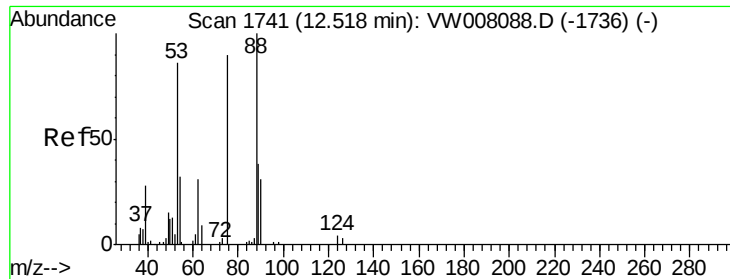
Tgt Ion: 91 Resp: 72982
 Ion Ratio Lower Upper
 91 100
 126 34.4 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.343 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 105 Resp: 91054
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.7 74.1

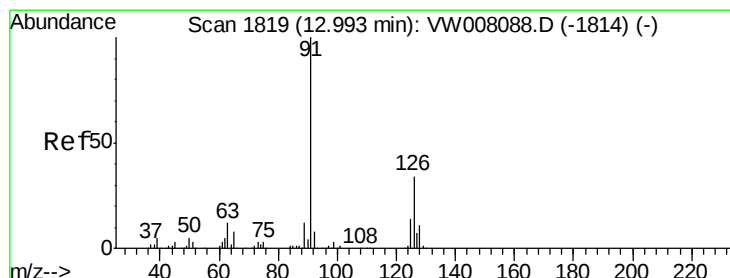
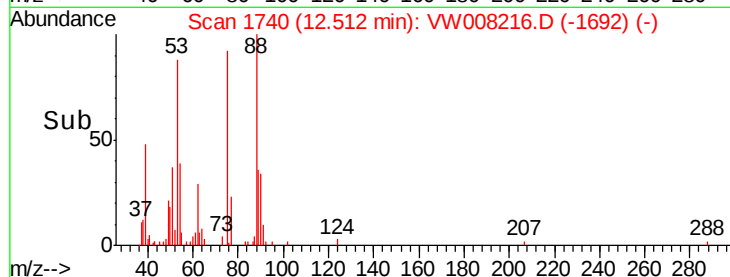
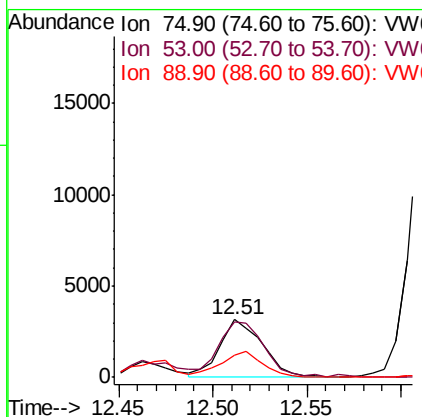
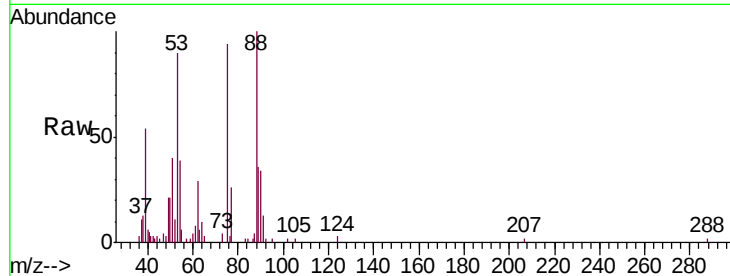




#81
trans-1,4-Dichloro-2-butene
Concen: 18.314 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

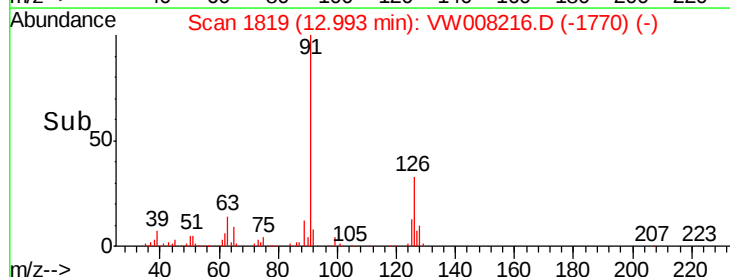
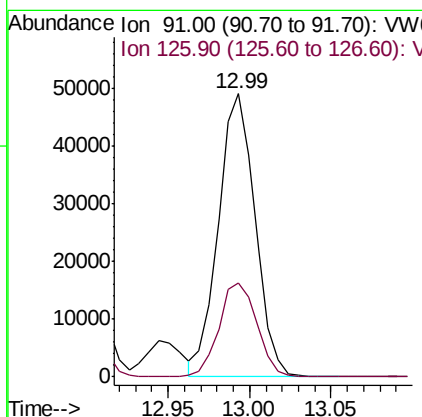
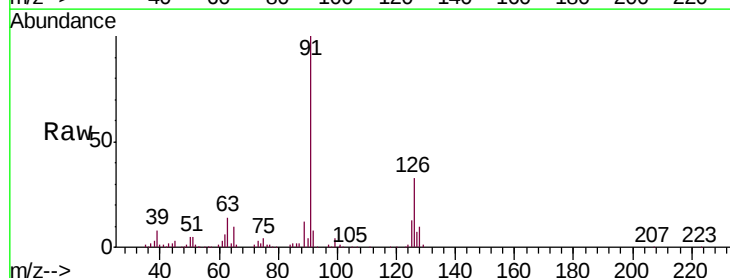
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS02

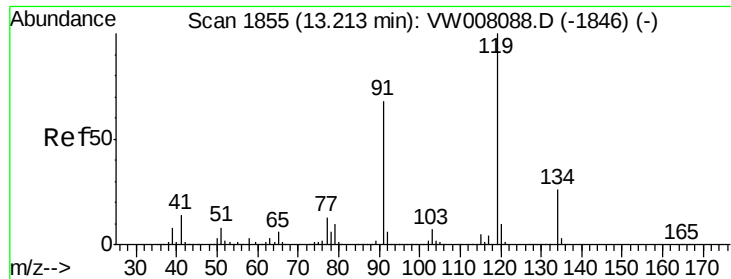
Tgt Ion: 75 Resp: 4974
Ion Ratio Lower Upper
75 100
53 100.3 78.8 118.2
89 43.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 19.673 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008216.D
Acq: 12 Jan 2019 03:09

Tgt Ion: 91 Resp: 77149
Ion Ratio Lower Upper
91 100
126 34.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.185 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

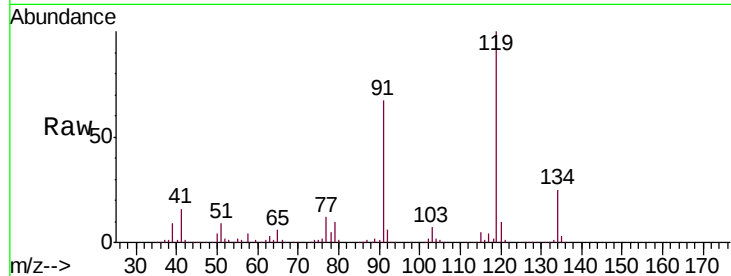
Tgt Ion:119 Resp: 75971

Ion Ratio Lower Upper

119 100

91 66.5 33.9 101.6

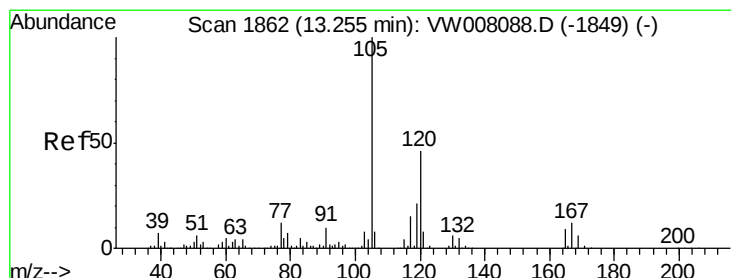
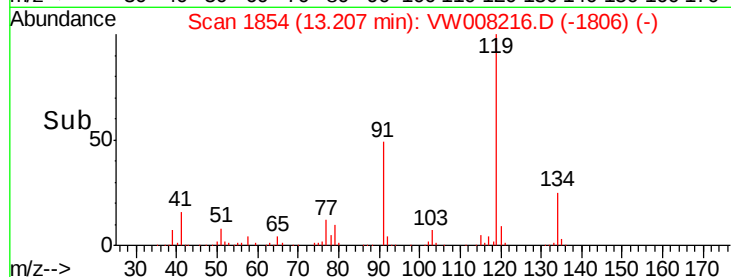
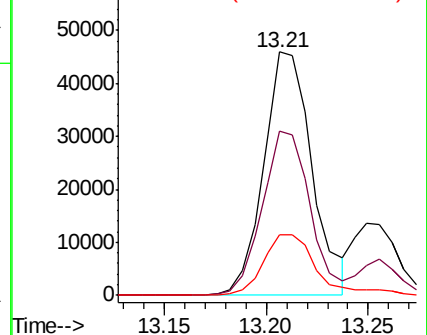
134 27.9 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.683 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008216.D

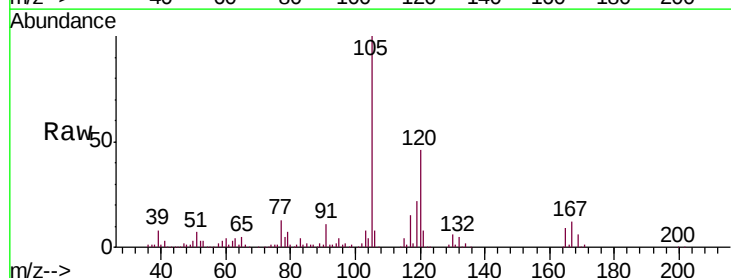
Acq: 12 Jan 2019 03:09

Tgt Ion:105 Resp: 90863

Ion Ratio Lower Upper

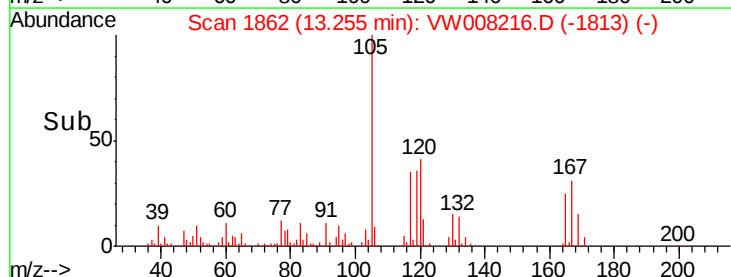
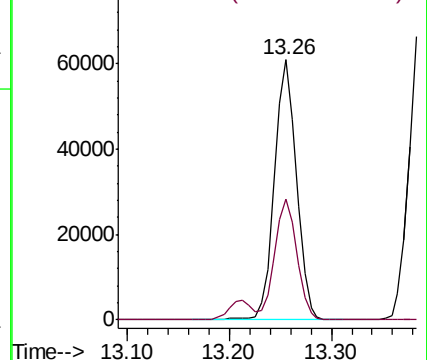
105 100

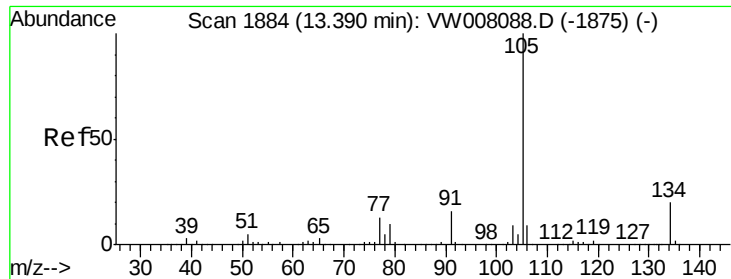
120 46.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

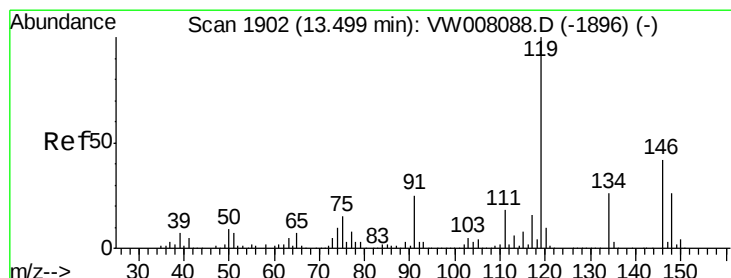
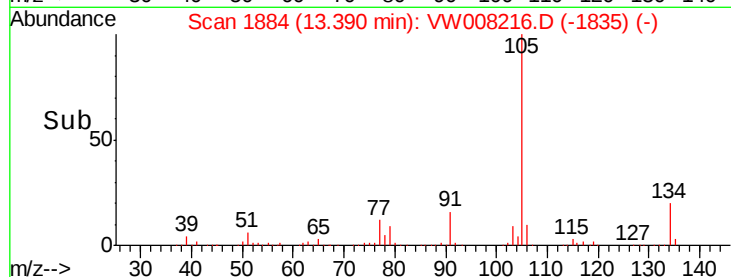
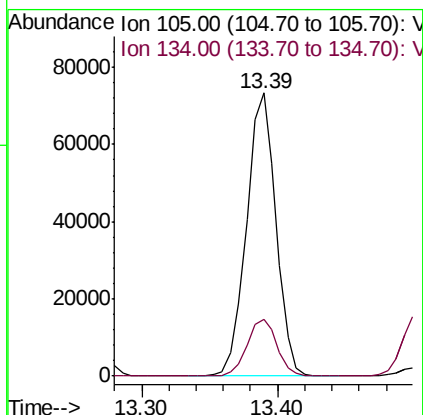
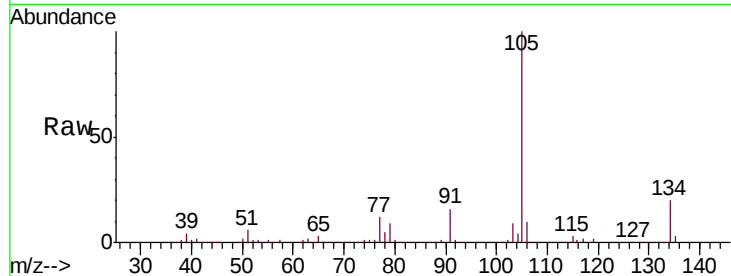




#85
 sec-Butylbenzene
 Concen: 19.117 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

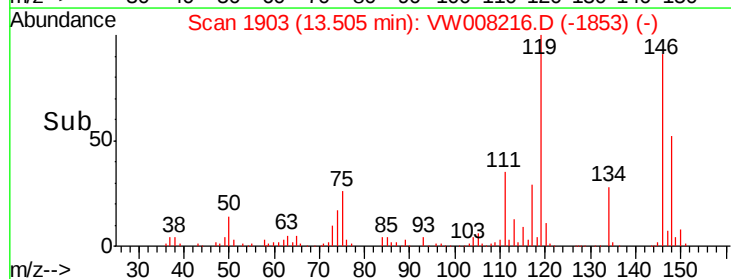
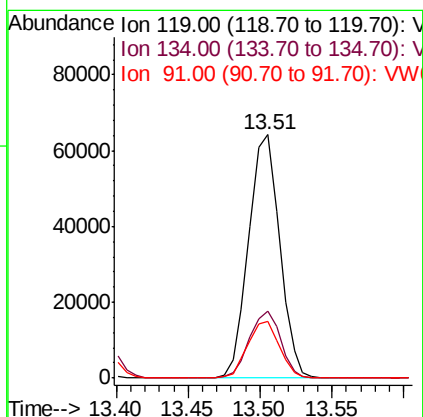
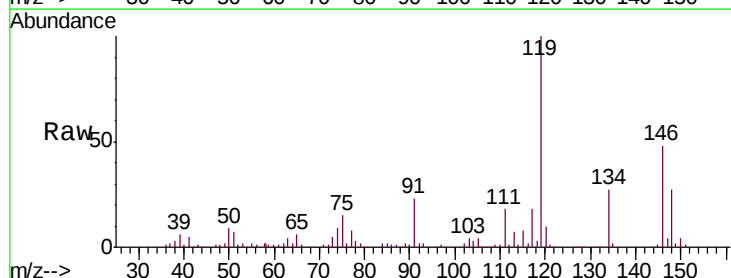
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

Tgt Ion:105 Resp: 110887
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.153 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion:119 Resp: 95936
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.3 39.8
 91 24.1 12.3 36.9

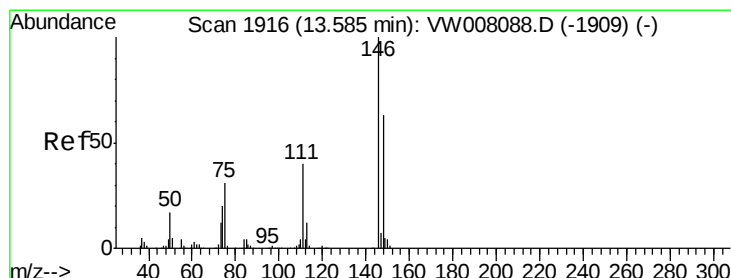
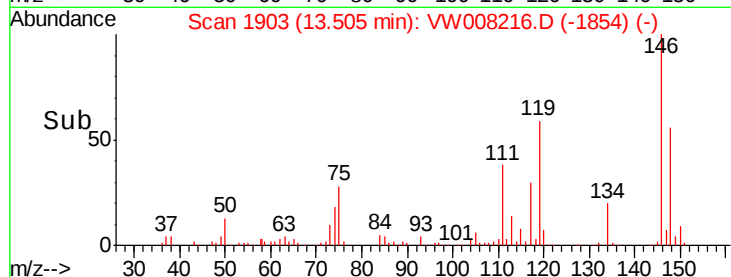
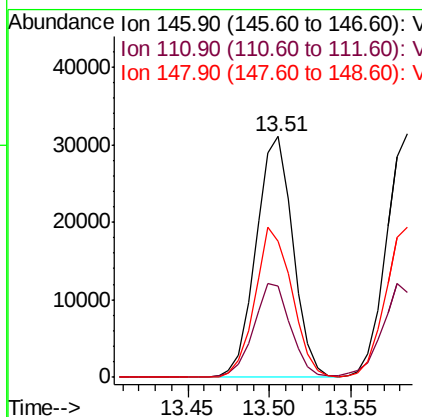
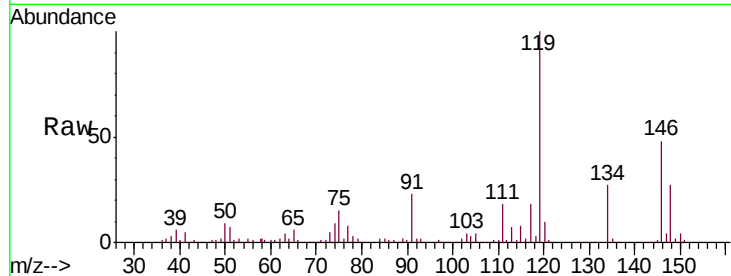




#87
 1,3-Dichlorobenzene
 Concen: 20.898 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

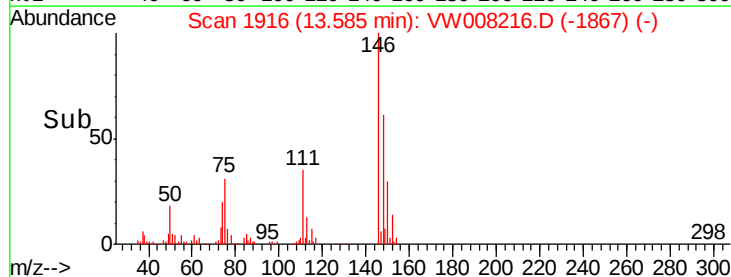
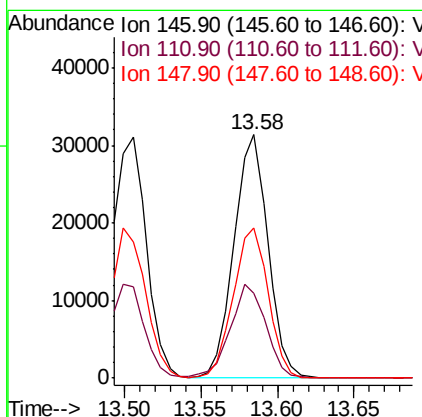
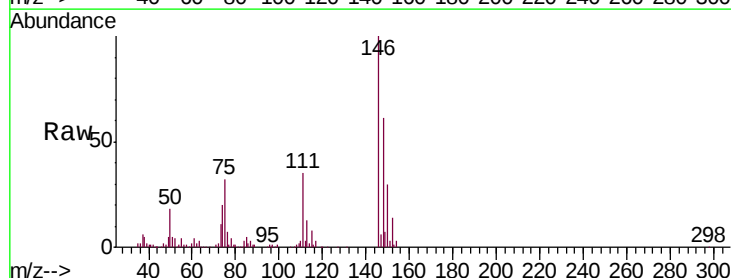
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

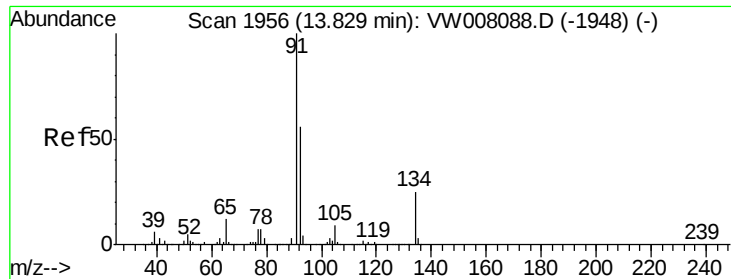
Tgt Ion:146 Resp: 48789
 Ion Ratio Lower Upper
 146 100
 111 39.4 21.1 63.1
 148 62.8 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.660 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion:146 Resp: 48392
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.5 61.5
 148 63.4 31.6 94.8





#89

n-Butylbenzene

Concen: 18.831 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

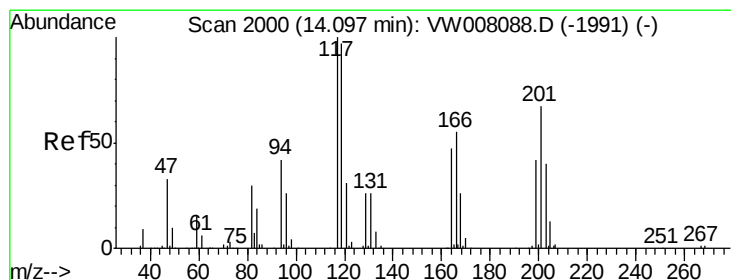
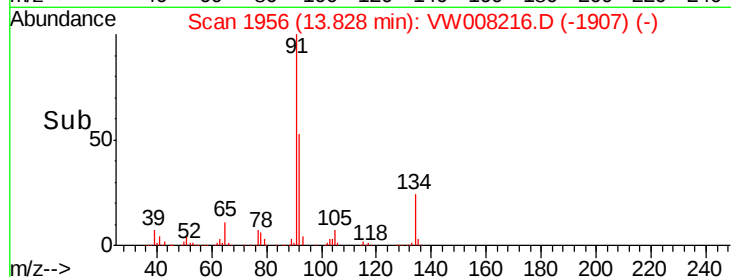
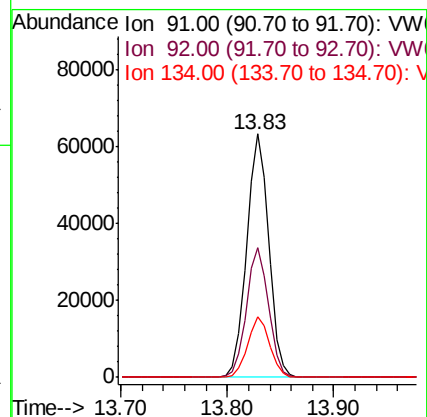
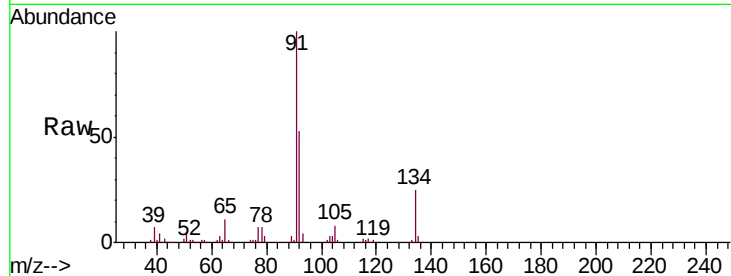
Tgt Ion: 91 Resp: 92384

Ion Ratio Lower Upper

91 100

92 53.1 27.4 82.2

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 20.618 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008216.D

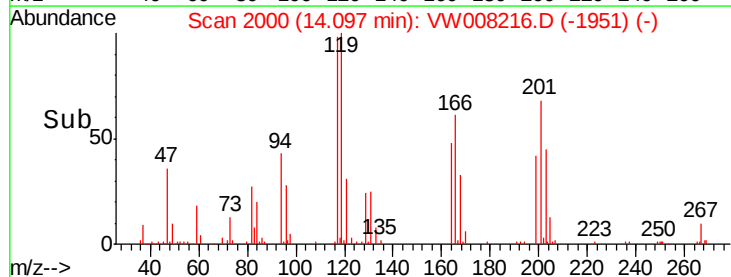
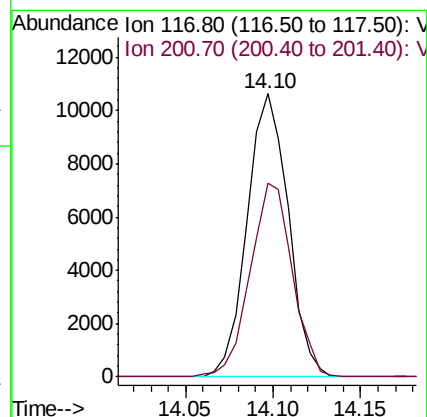
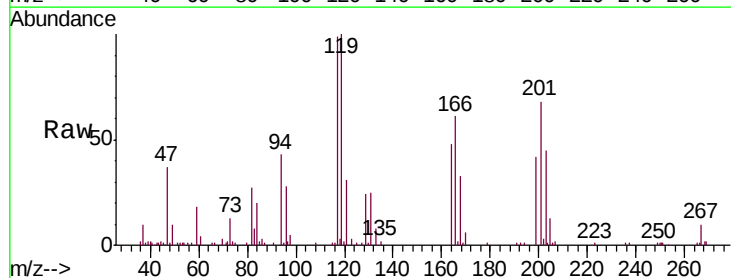
Acq: 12 Jan 2019 03:09

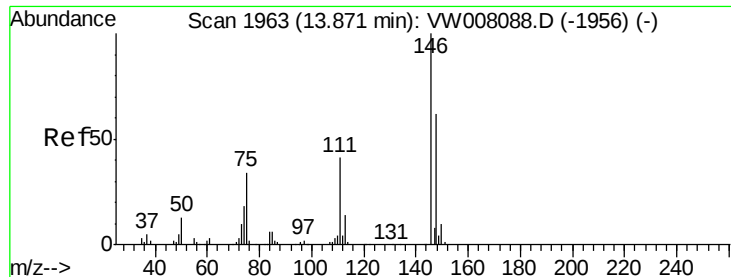
Tgt Ion: 117 Resp: 17444

Ion Ratio Lower Upper

117 100

201 70.4 33.0 98.9

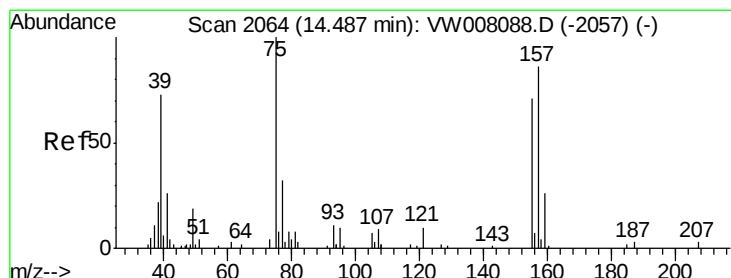
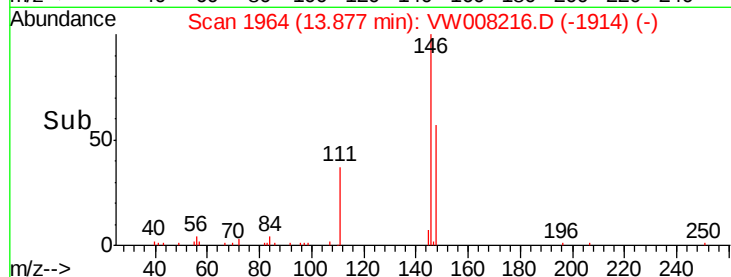
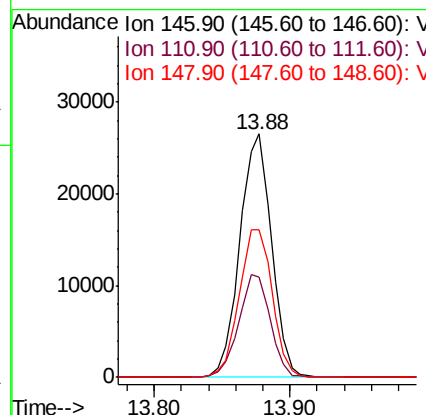
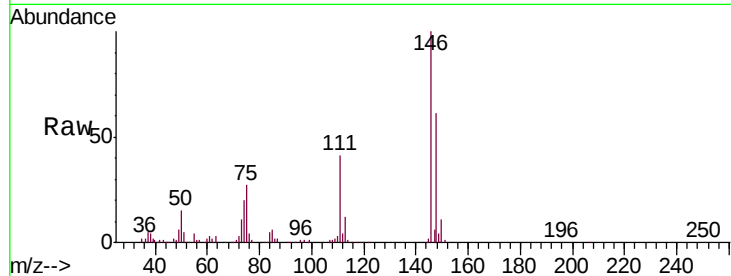




#91
 1,2-Dichlorobenzene
 Concen: 21.071 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

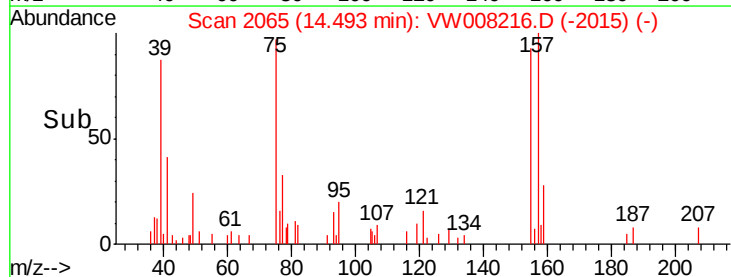
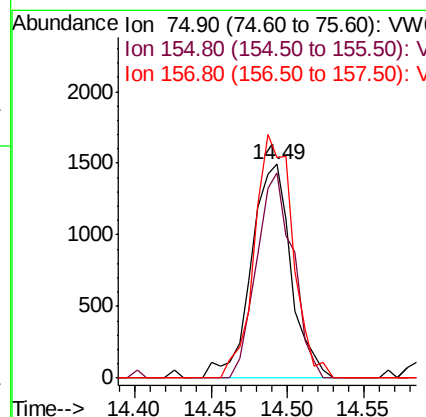
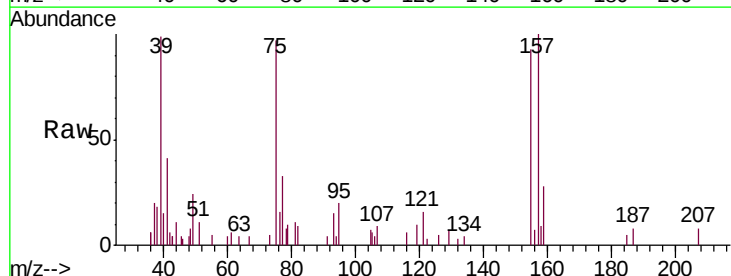
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

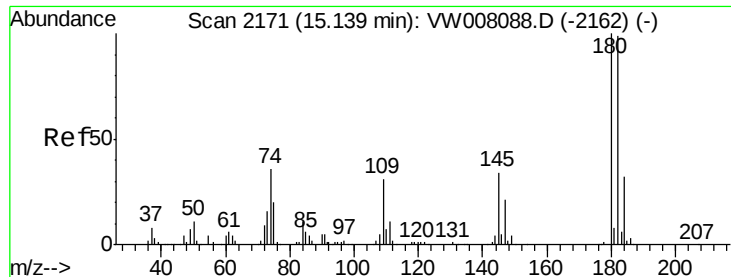
Tgt Ion:146 Resp: 43234
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.3 63.7
 148 63.3 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.329 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion: 75 Resp: 2712
 Ion Ratio Lower Upper
 75 100
 155 87.5 38.6 115.7
 157 109.2 47.5 142.6

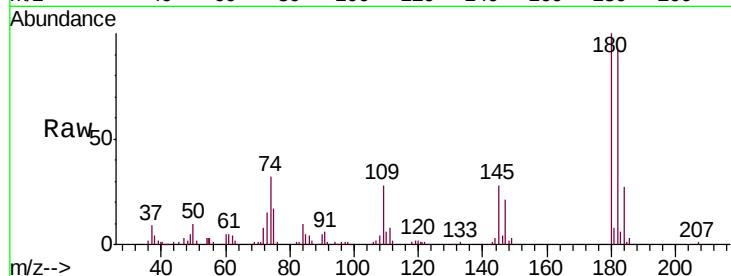




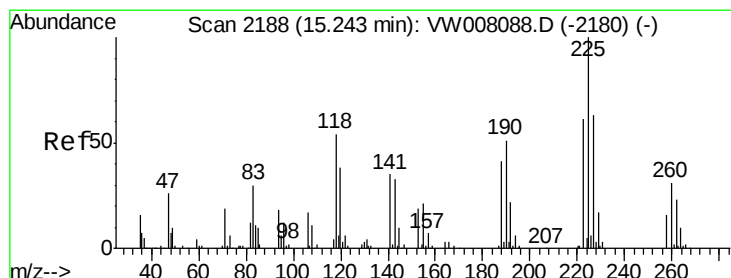
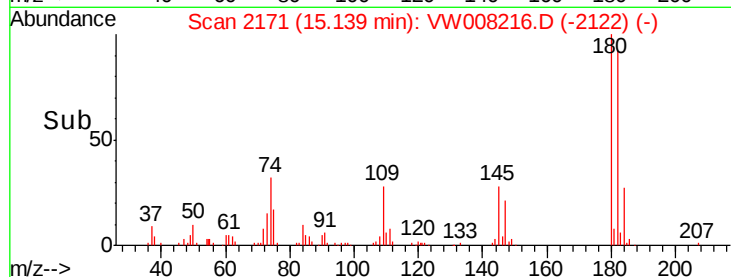
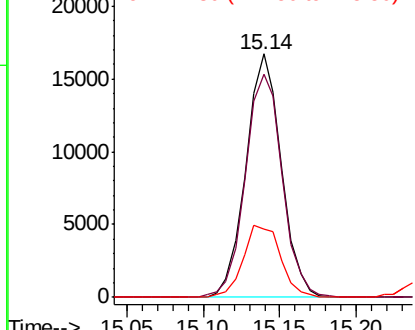
#93
 1,2,4-Trichlorobenzene
 Concen: 19.697 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS02

Tgt Ion:180 Resp: 26832
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.6 145.9
 145 31.3 16.6 49.7

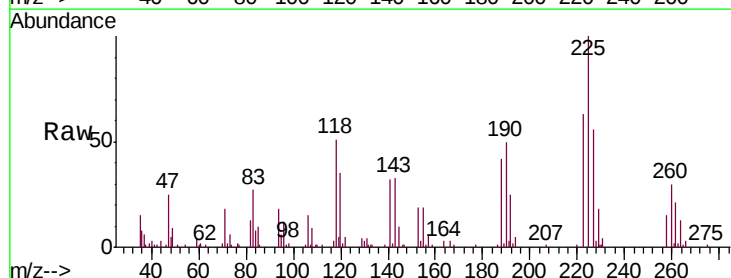


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

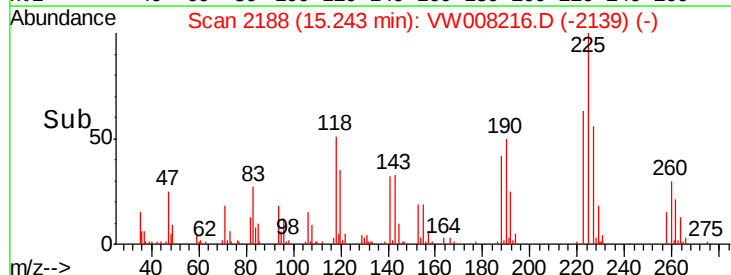
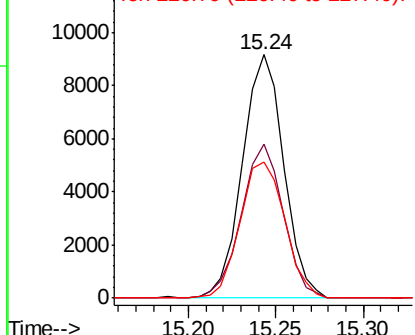


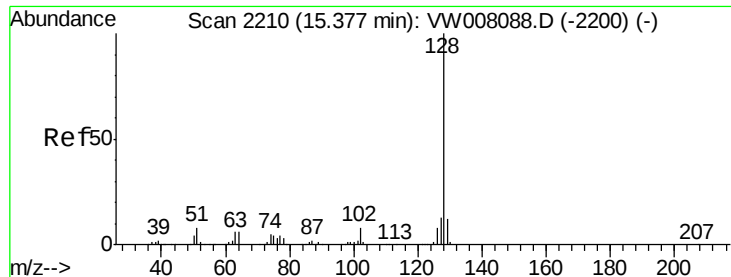
#94
 Hexachlorobutadiene
 Concen: 20.720 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008216.D
 Acq: 12 Jan 2019 03:09

Tgt Ion:225 Resp: 15107
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.4 94.3
 227 60.4 32.0 96.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.502 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS02

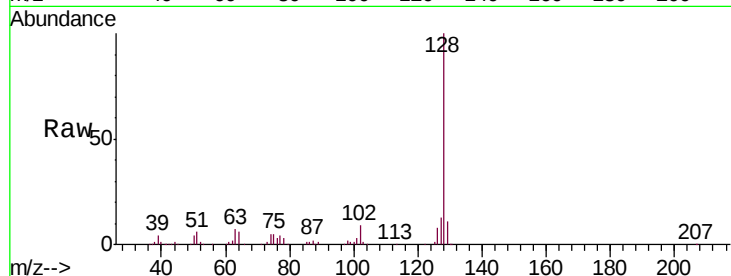
Tgt Ion:128 Resp: 49604

Ion Ratio Lower Upper

128 100

127 13.3 11.0 16.4

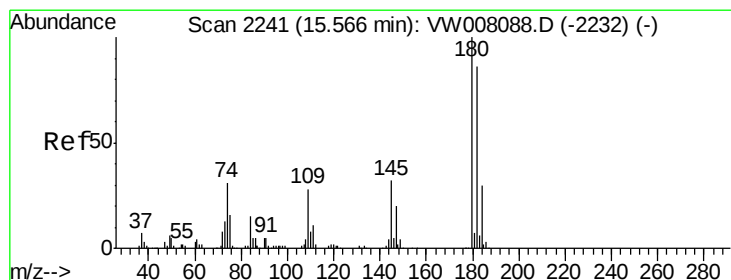
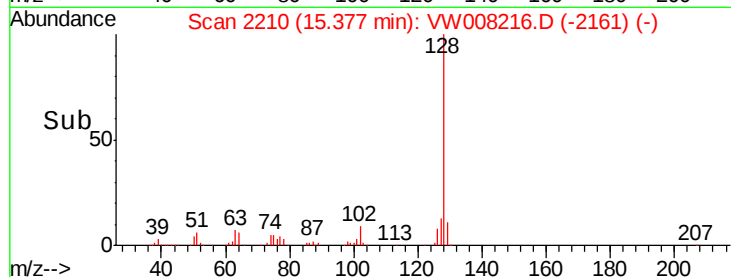
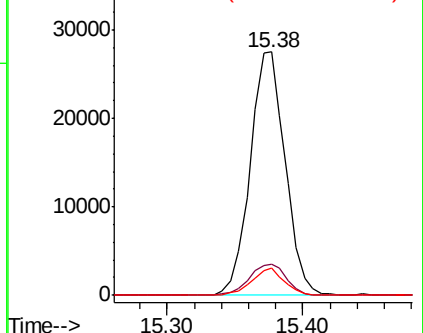
129 10.5 9.0 13.6



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: 20.198 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW008216.D

Acq: 12 Jan 2019 03:09

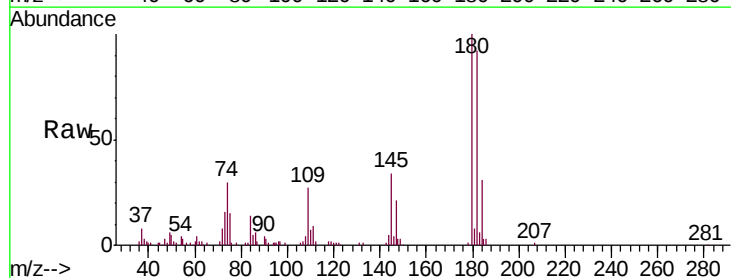
Tgt Ion:180 Resp: 23455

Ion Ratio Lower Upper

180 100

182 93.5 46.5 139.3

145 33.7 17.4 52.2



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

