

Data File : VW008194.D
Acq On : 11 Jan 2019 15:21
Operator : SY/VA
Sample : VW0111SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Quant Time: Jan 12 00:08:19 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	101894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	173181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	155690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	53661	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	7.88	113	53726	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	225190	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	77183	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	14092	16.946	ug/l	86
3) Chloromethane	2.21	50	19909	18.454	ug/l	97
4) Vinyl Chloride	2.37	62	26506	18.824	ug/l	91
5) Bromomethane	2.78	94	22230	21.075	ug/l	97
6) Chloroethane	2.92	64	17803	16.802	ug/l	94
7) Trichlorofluoromethane	3.26	101	19286	16.847	ug/l	94
8) Diethyl Ether	3.67	74	11555	17.855	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22860	20.114	ug/l	98
10) Methyl Iodide	4.26	142	32091	19.374	ug/l	99
11) Tert butyl alcohol	5.21	59	6334	70.788	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	22060	19.770	ug/l	86
13) Acrolein	3.90	56	5443	70.315	ug/l	95
14) Allyl chloride	4.67	41	38410	18.959	ug/l	98
15) Acrylonitrile	5.37	53	21956	89.115	ug/l	99
16) Acetone	4.13	43	23249	100.275	ug/l	98
17) Carbon Disulfide	4.37	76	65646	18.832	ug/l	100
18) Methyl Acetate	4.67	43	12433	17.177	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	31210	17.204	ug/l #	88
20) Methylene Chloride	4.90	84	27595	21.758	ug/l	88
21) trans-1,2-Dichloroethene	5.42	96	23530	19.404	ug/l	92
22) Diisopropyl ether	6.31	45	72300	18.712	ug/l	97
23) Vinyl Acetate	6.25	43	183594	90.473	ug/l	97
24) 1,1-Dichloroethane	6.21	63	42629	18.935	ug/l	94
25) 2-Butanone	7.17	43	28748	90.223	ug/l	90
26) 2,2-Dichloropropane	7.16	77	28490	18.677	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	25428	19.220	ug/l	97
28) Bromochloromethane	7.51	49	18105	20.332	ug/l	98
29) Tetrahydrofuran	7.52	42	17624	82.804	ug/l	96
30) Chloroform	7.68	83	42484	19.826	ug/l	95
31) Cyclohexane	7.95	56	42560	17.659	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	35571	19.077	ug/l	96
36) 1,1-Dichloropropene	8.08	75	35101	19.676	ug/l	99
37) Ethyl Acetate	7.26	43	12631	17.673	ug/l	96
38) Carbon Tetrachloride	8.06	117	31980	19.586	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	42651	18.855	ug/l	96
40) Benzene	8.32	78	96728	19.991	ug/l	98
41) Methacrylonitrile	7.48	41	8376	18.553	ug/l	92
42) 1,2-Dichloroethane	8.40	62	25789	18.950	ug/l	98
43) Isopropyl Acetate	8.43	43	25082	17.553	ug/l	99
44) Trichloroethene	9.09	130	25119	20.280	ug/l	94
45) 1,2-Dichloropropane	9.37	63	23889	19.912	ug/l #	86
46) Dibromomethane	9.46	93	11684	19.830	ug/l	97
47) Bromodichloromethane	9.65	83	30018	20.064	ug/l	98
48) Methyl methacrylate	9.43	41	11172	16.569	ug/l	91
49) 1,4-Dioxane	9.46	88	3481	367.369	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	60609	87.624	ug/l	100
52) Toluene	10.39	92	60759	19.663	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	29088	18.691	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	35148	19.046	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	16201	19.584	ug/l	98
56) Ethyl methacrylate	10.65	69	18712	18.265	ug/l	98
57) 1,3-Dichloropropane	10.93	76	28584	18.893	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	53342	100.800	ug/l	100
59) 2-Hexanone	10.97	43	44249	94.598	ug/l	96
60) Dibromochloromethane	11.13	129	18614	20.491	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15112	19.252	ug/l	99
64) Tetrachloroethene	10.86	164	20911	20.638	ug/l	91
65) Chlorobenzene	11.66	112	66820	20.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	22017	20.523	ug/l	99
67) Ethyl Benzene	11.73	91	117375	19.448	ug/l	96
68) m/p-Xylenes	11.84	106	91654	39.788	ug/l	99
69) o-Xylene	12.17	106	41522	19.465	ug/l	98
70) Styrene	12.18	104	68770	20.582	ug/l	98
71) Bromoform	12.35	173	10039	20.909	ug/l #	95
73) Isopropylbenzene	12.47	105	118844	19.404	ug/l	99
74) N-amyl acetate	12.27	43	22945	16.917	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	18175	18.539	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23574	33.148	ug/l	30
77) Bromobenzene	12.75	156	24656	19.052	ug/l	94
78) n-propylbenzene	12.81	91	143798	19.161	ug/l	98
79) 2-Chlorotoluene	12.90	91	79447	18.975	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	99258	19.721	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5464	17.892	ug/l	99
82) 4-Chlorotoluene	12.99	91	84973	19.270	ug/l	98
83) tert-Butylbenzene	13.21	119	85617	19.228	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	100036	19.271	ug/l	98
85) sec-Butylbenzene	13.39	105	127170	19.497	ug/l	99
86) p-Isopropyltoluene	13.51	119	109720	19.480	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	52006	19.810	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	52295	19.855	ug/l	99
89) n-Butylbenzene	13.83	91	108102	19.596	ug/l	99
90) Hexachloroethane	14.10	117	18768	19.728	ug/l	94
91) 1,2-Dichlorobenzene	13.88	146	46041	19.956	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2849	18.058	ug/l	94

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

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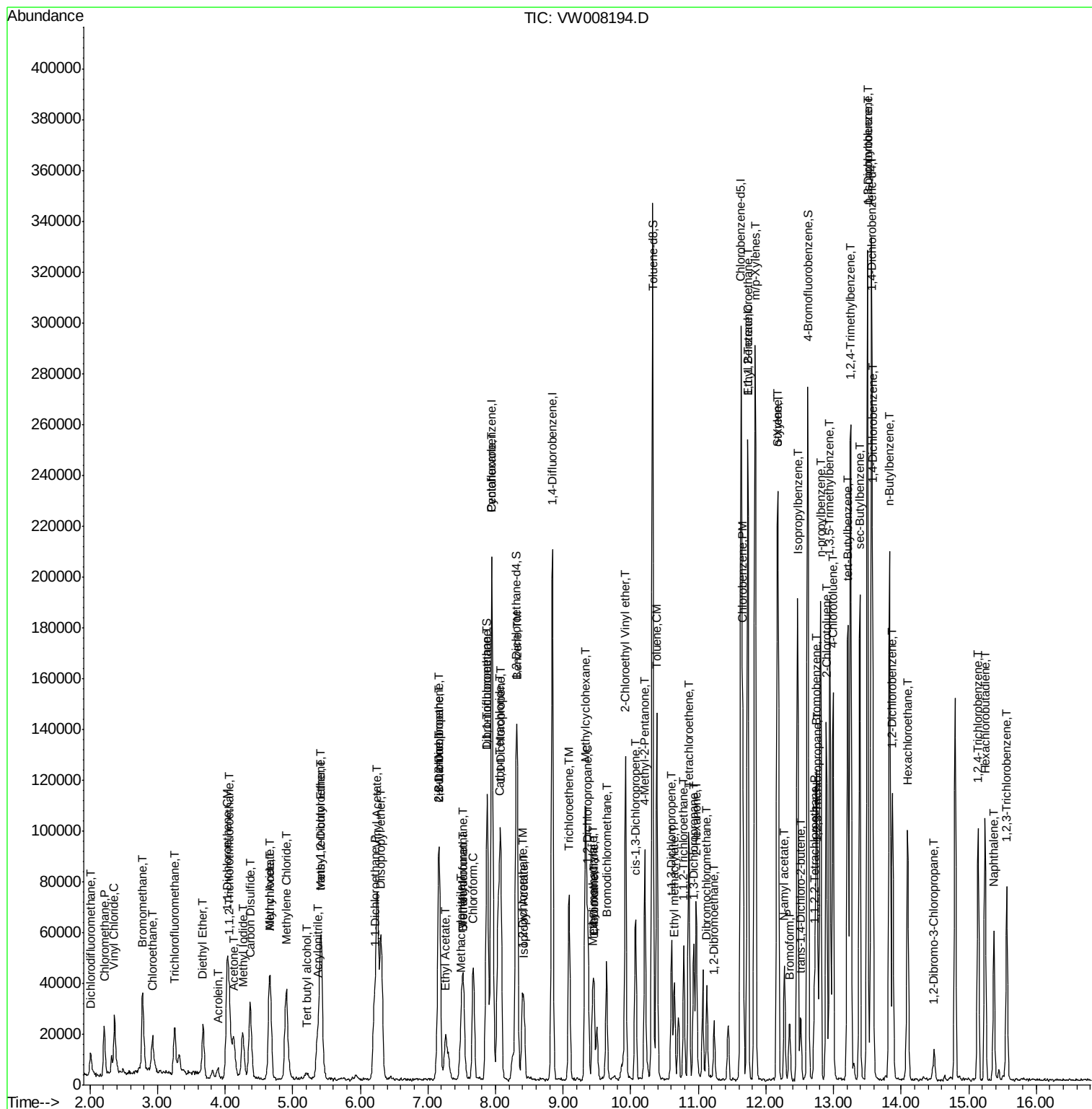
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30208	19.721	ug/l	95
94) Hexachlorobutadiene	15.24	225	16452	20.067	ug/l	98
95) Naphthalene	15.38	128	49594	17.340	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	25262	19.346	ug/l	99

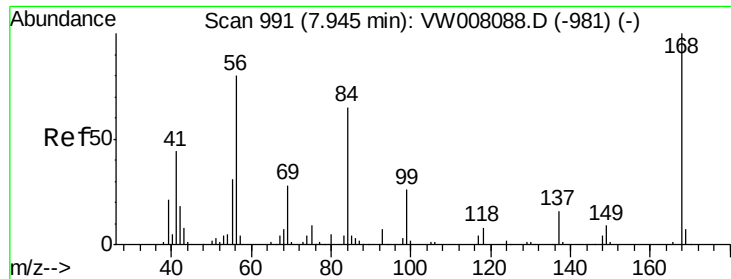
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

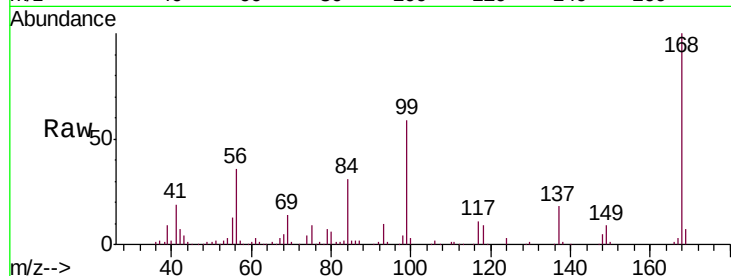
VW0111SBS01

Tgt Ion:168 Resp: 101894

Ion Ratio Lower Upper

168 100

99 59.2 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

20000

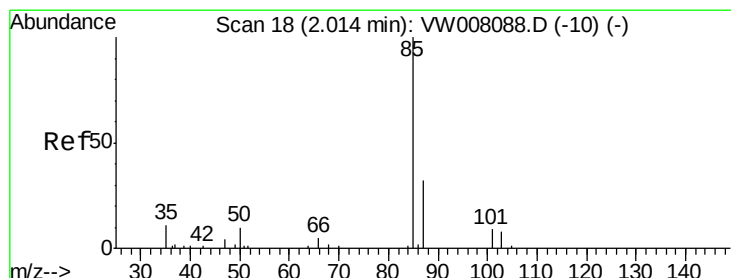
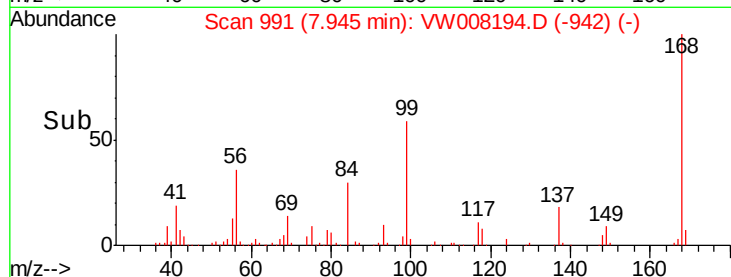
10000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 16.946 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008194.D

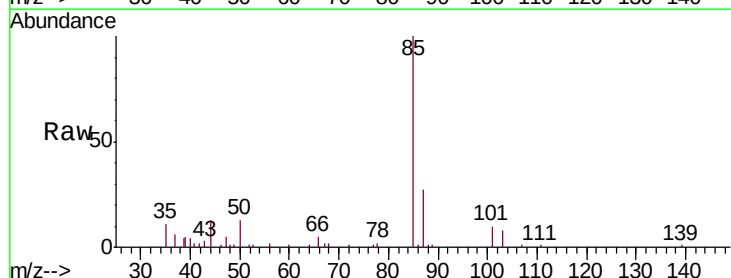
Acq: 11 Jan 2019 15:21

Tgt Ion: 85 Resp: 14092

Ion Ratio Lower Upper

85 100

87 24.5 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

2000

1000

0

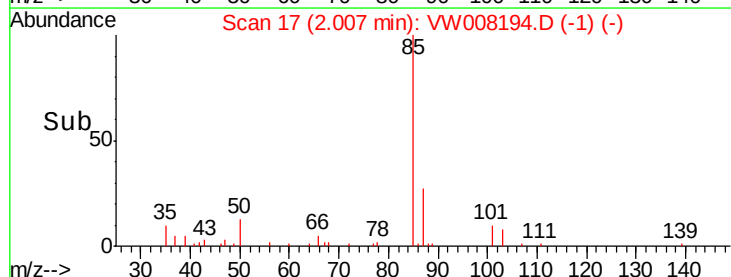
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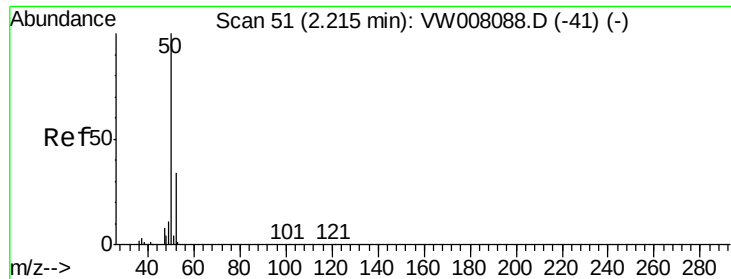
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 18.454 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

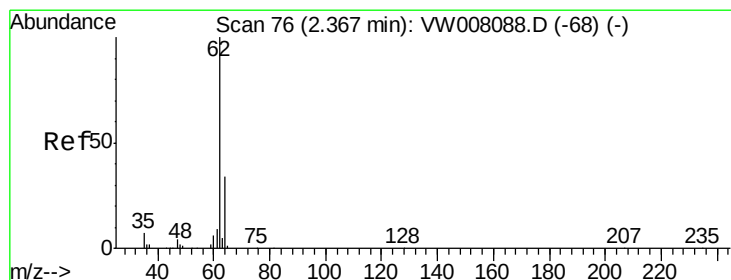
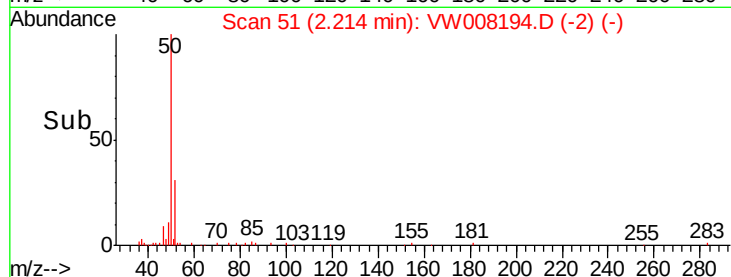
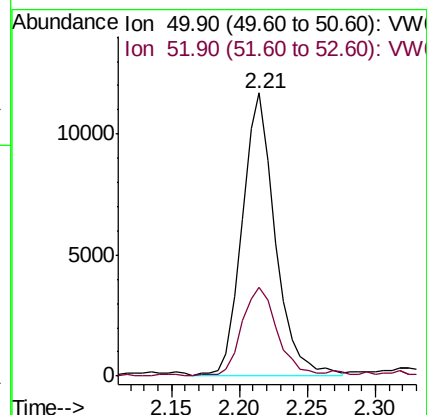
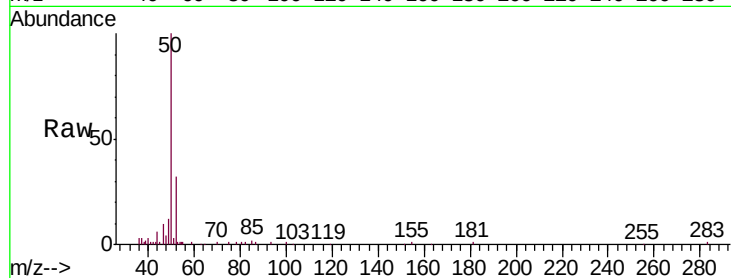
VW0111SBS01

Tgt Ion: 50 Resp: 19909

Ion Ratio Lower Upper

50 100

52 31.6 26.8 40.2



#4

Vinyl Chloride

Concen: 18.824 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008194.D

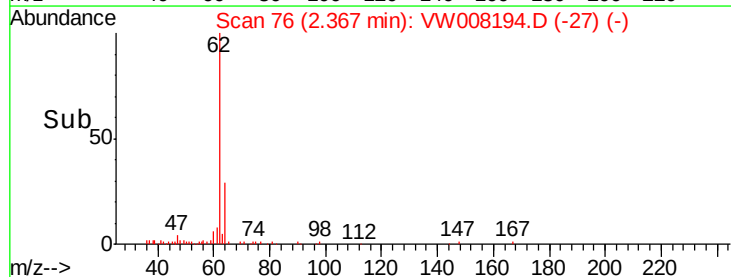
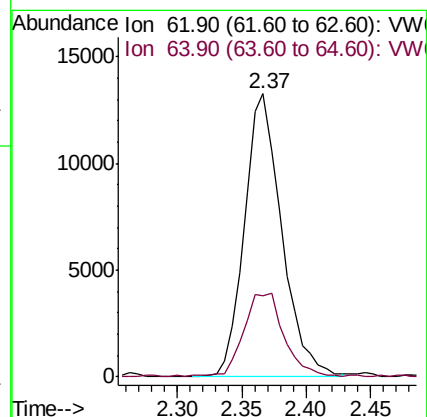
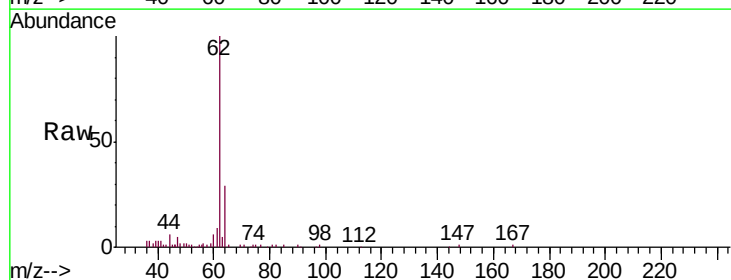
Acq: 11 Jan 2019 15:21

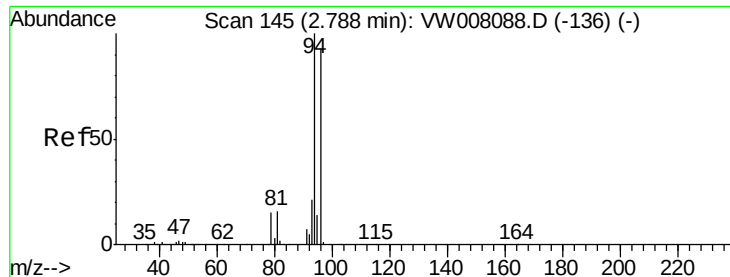
Tgt Ion: 62 Resp: 26506

Ion Ratio Lower Upper

62 100

64 28.7 27.0 40.6





#5

Bromomethane

Concen: 21.075 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

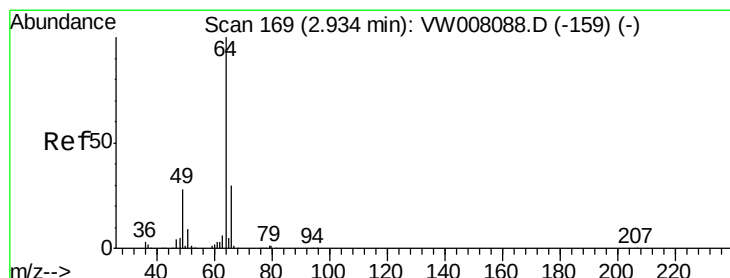
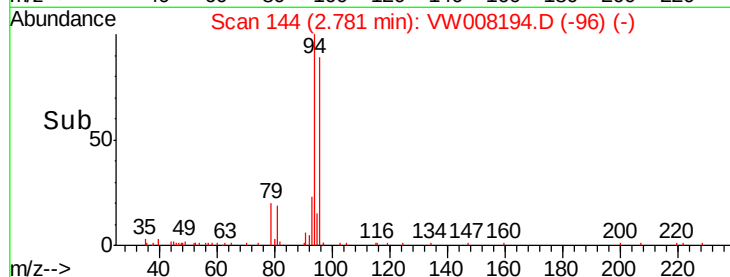
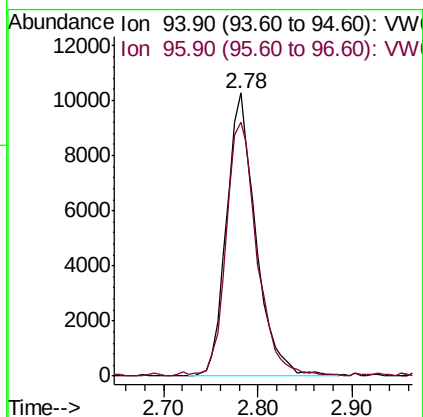
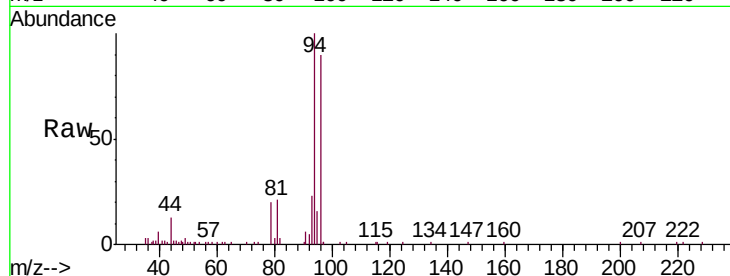
VW0111SBS01

Tgt Ion: 94 Resp: 22230

Ion Ratio Lower Upper

94 100

96 89.3 74.1 111.1



#6

Chloroethane

Concen: 16.802 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008194.D

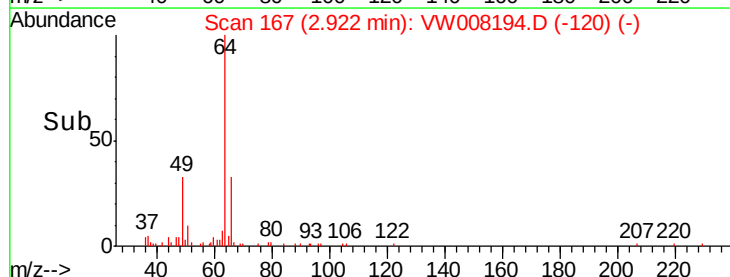
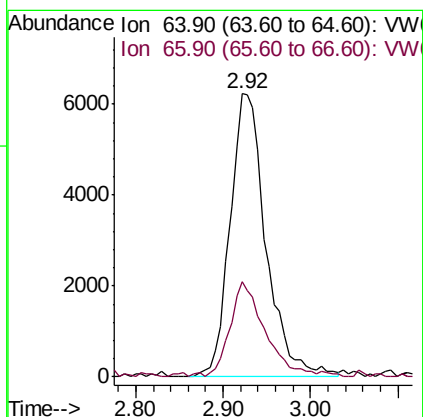
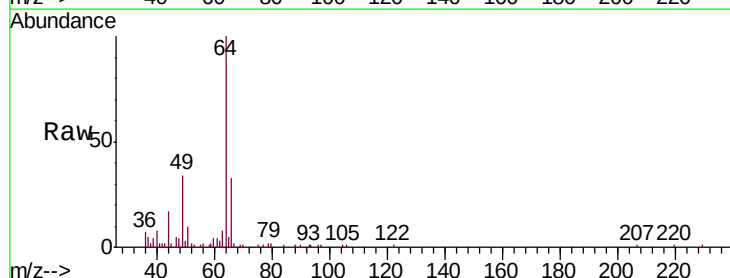
Acq: 11 Jan 2019 15:21

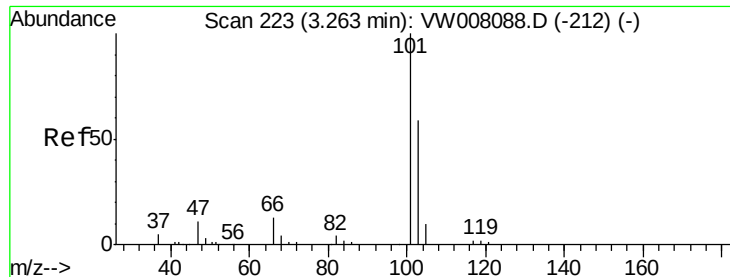
Tgt Ion: 64 Resp: 17803

Ion Ratio Lower Upper

64 100

66 33.4 24.2 36.2



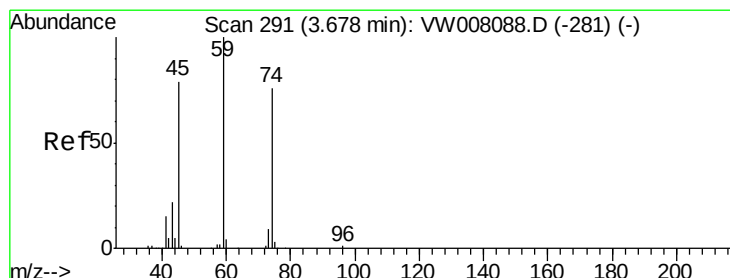
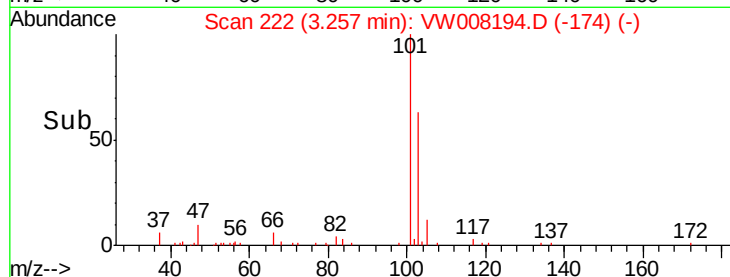
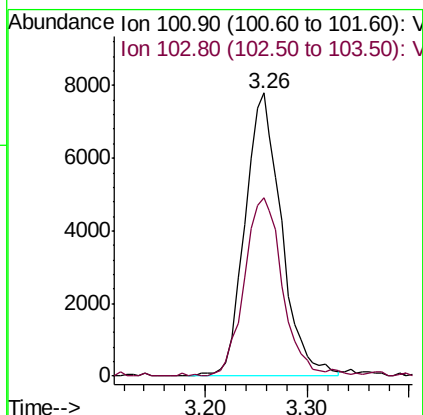
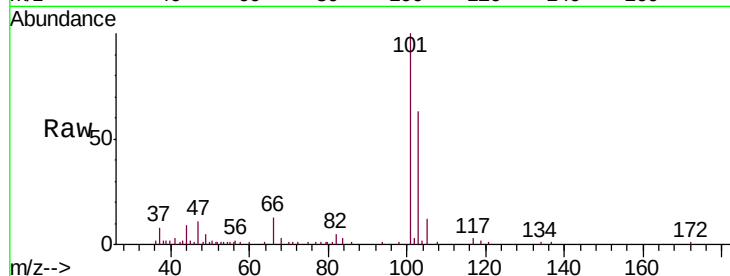


#7

Trichlorofluoromethane
 Concen: 16.847 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
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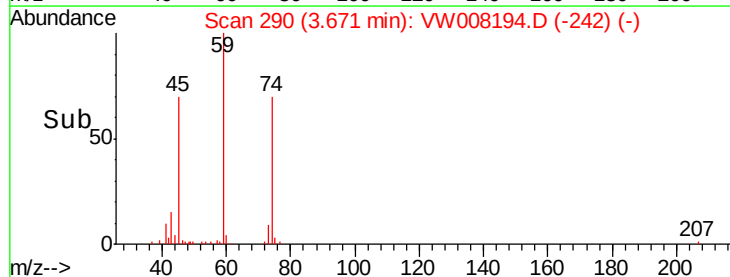
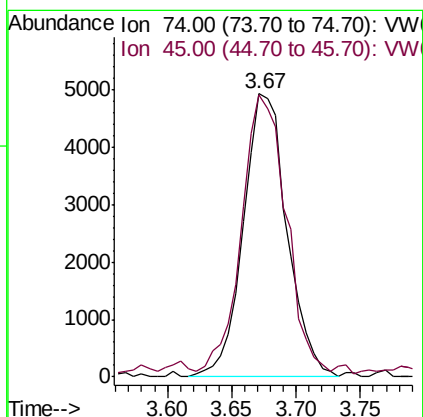
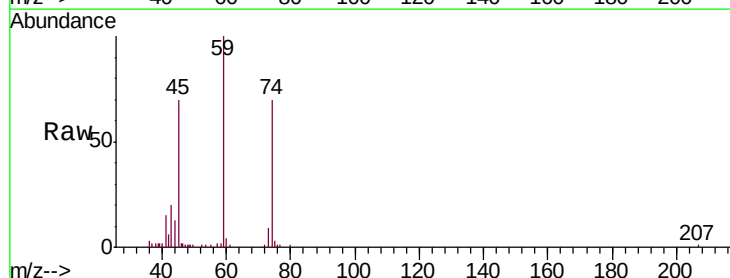
Tgt Ion: 101 Resp: 19286
 Ion Ratio Lower Upper
 101 100
 103 63.2 47.0 70.6

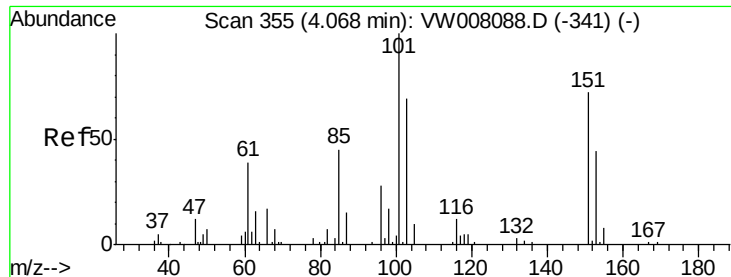


#8

Diethyl Ether
 Concen: 17.855 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 74 Resp: 11555
 Ion Ratio Lower Upper
 74 100
 45 100.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.114 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW008194.D

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MSVOA_W

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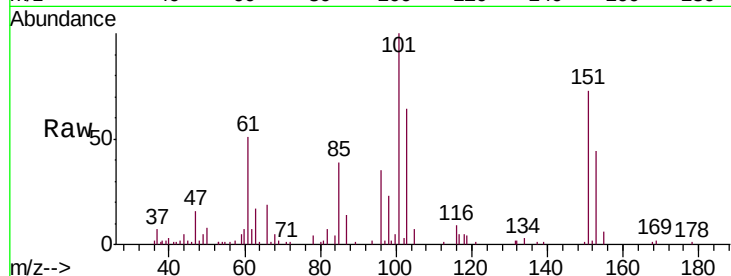
Tgt Ion:101 Resp: 22860

Ion Ratio Lower Upper

101 100

85 43.7 35.9 53.9

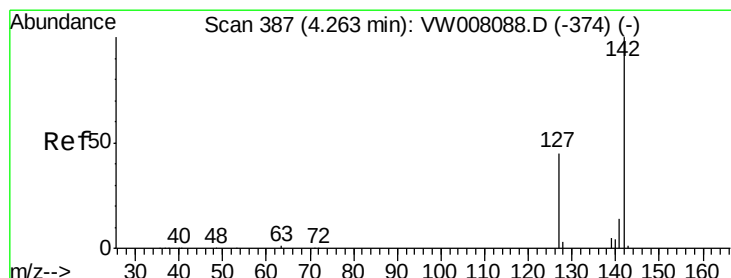
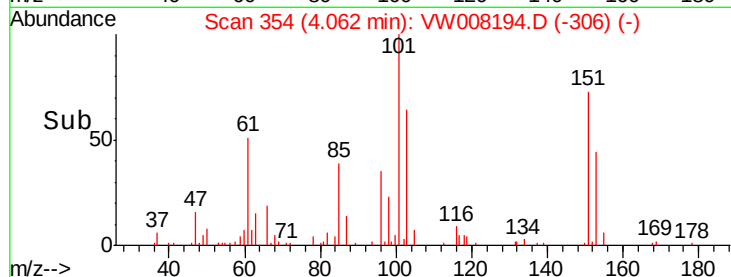
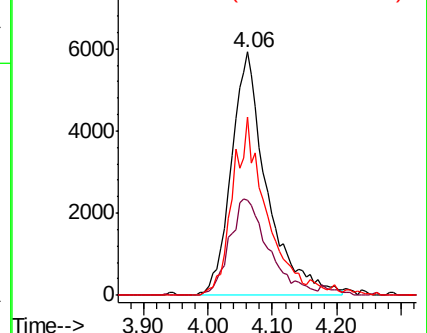
151 68.1 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.374 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

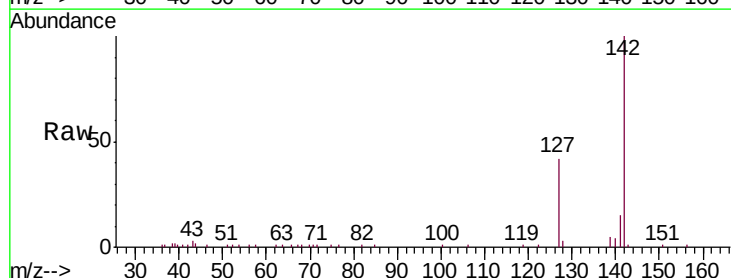
Tgt Ion:142 Resp: 32091

Ion Ratio Lower Upper

142 100

127 44.6 35.0 52.4

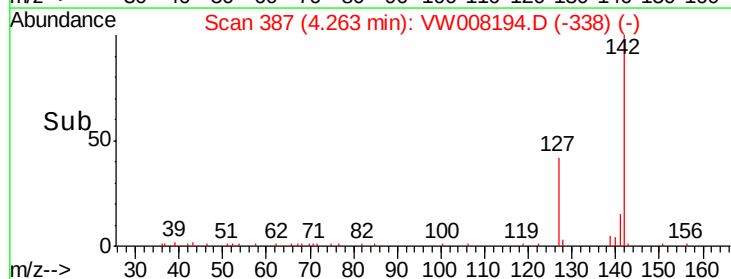
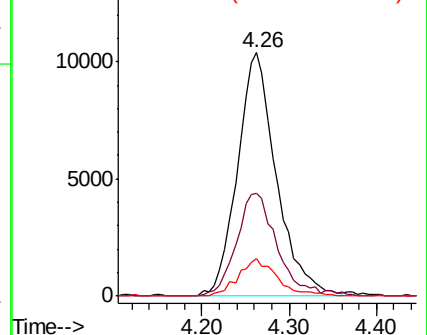
141 15.4 11.8 17.6

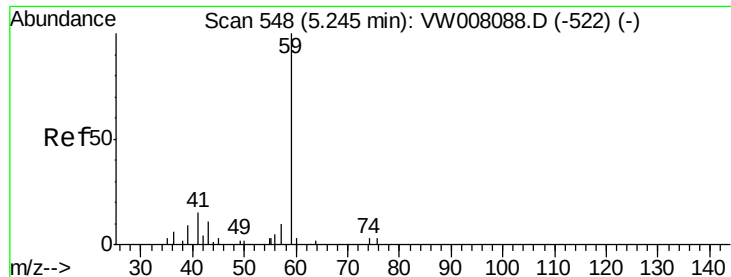


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



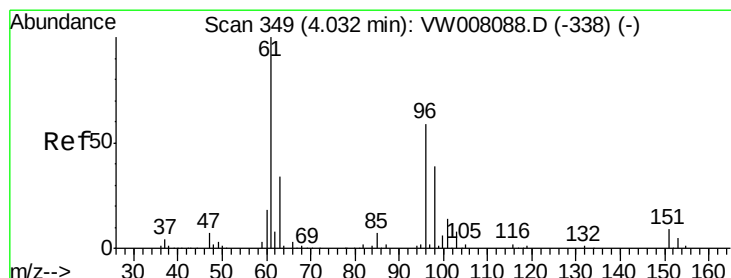
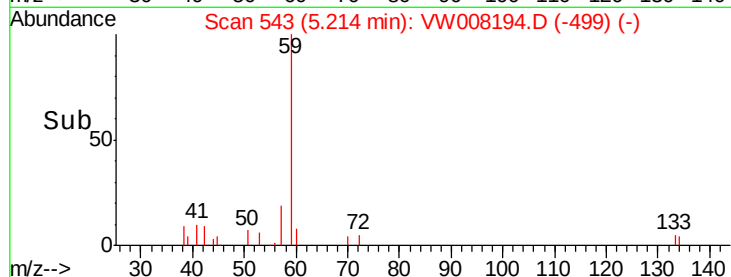
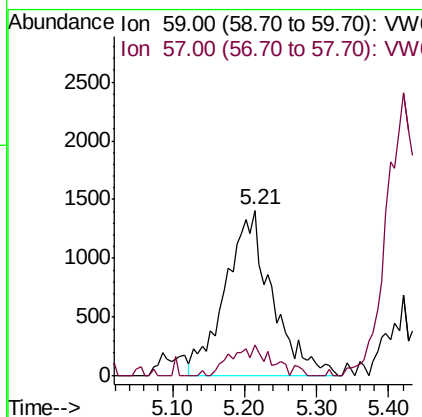
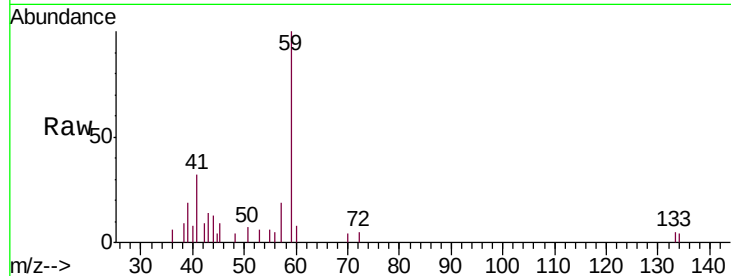


#11

Tert butyl alcohol
 Concen: 70.788 ug/l
 RT: 5.21 min Scan# 543
 Delta R.T. -0.03 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampled :
 VW0111SBS01

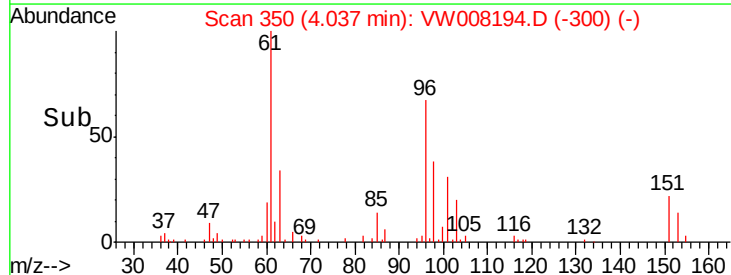
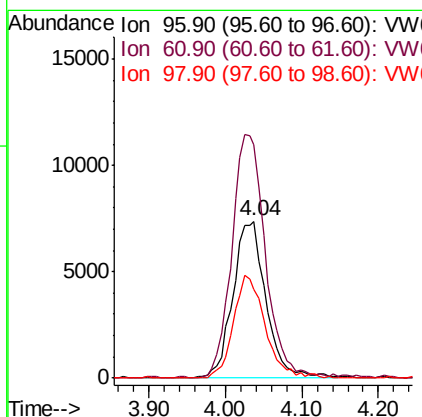
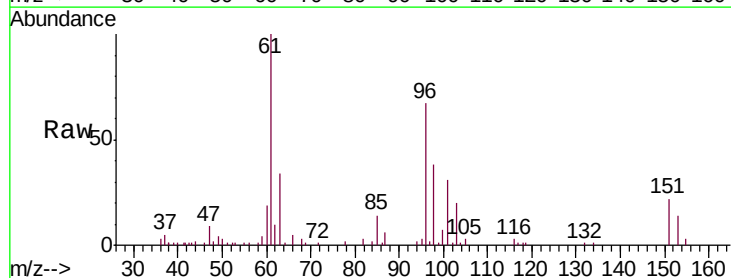
Tgt Ion: 59 Resp: 6334
 Ion Ratio Lower Upper
 59 100
 57 8.1 0.0 0.0#

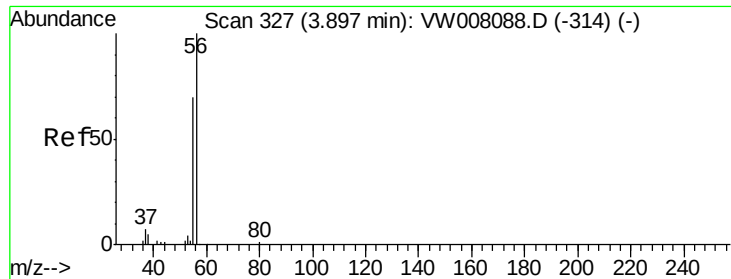


#12

1,1-Dichloroethene
 Concen: 19.770 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 96 Resp: 22060
 Ion Ratio Lower Upper
 96 100
 61 148.6 135.4 203.2
 98 56.2 52.5 78.7





#13

Acrolein

Concen: 70.315 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

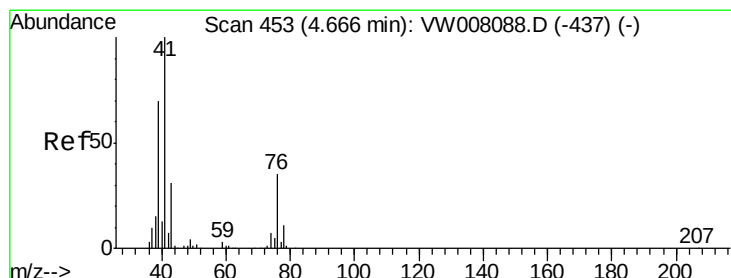
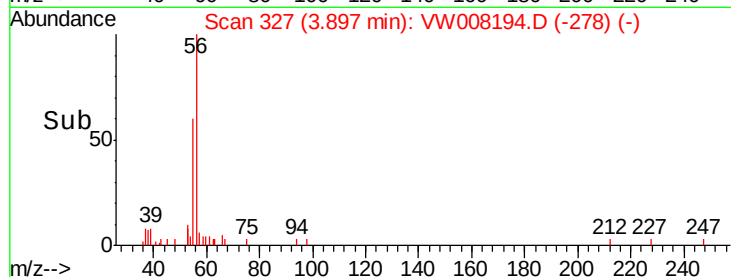
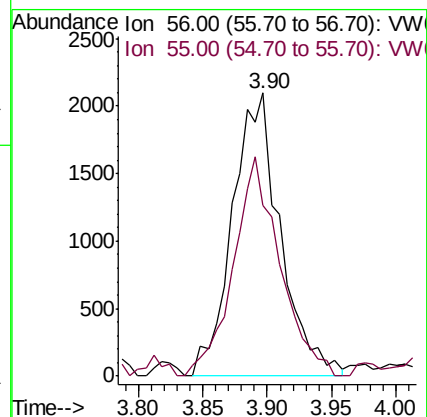
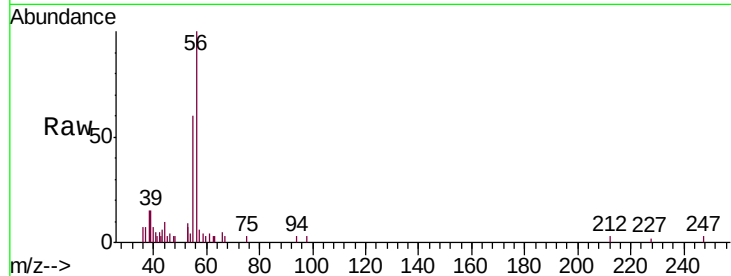
VW0111SBS01

Tgt Ion: 56 Resp: 5443

Ion Ratio Lower Upper

56 100

55 75.0 56.6 84.8



#14

Allyl chloride

Concen: 18.959 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

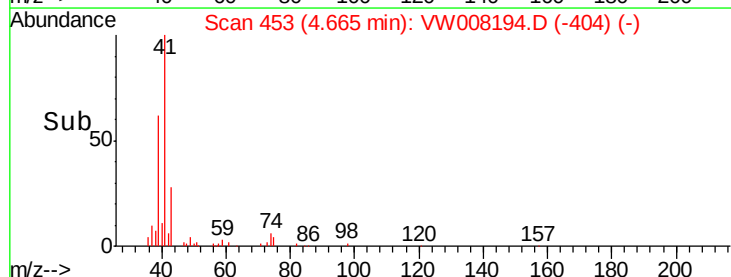
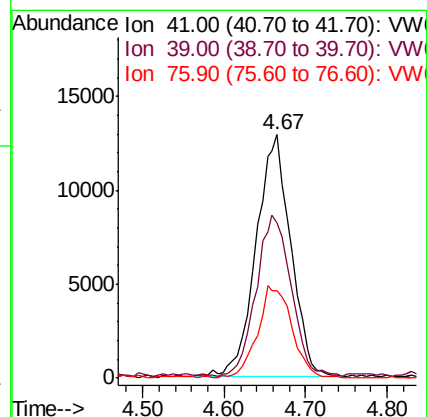
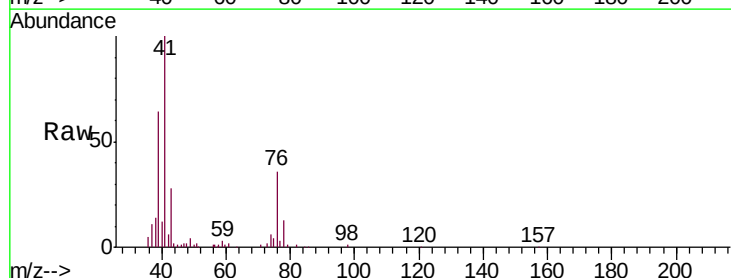
Tgt Ion: 41 Resp: 38410

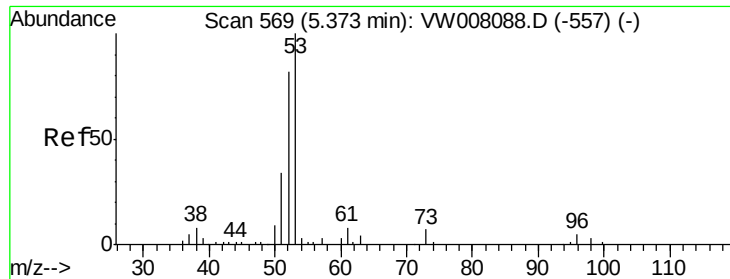
Ion Ratio Lower Upper

41 100

39 66.7 53.8 80.8

76 37.6 27.6 41.4





#15

Acrylonitrile

Concen: 89.115 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

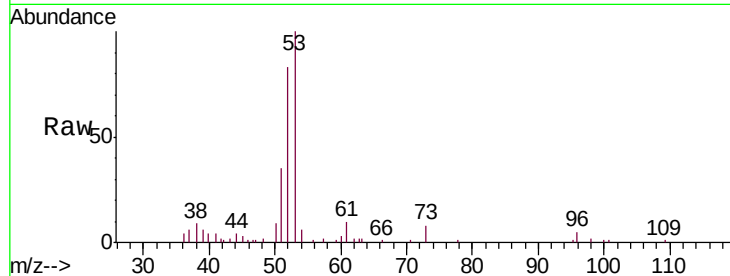
Tgt Ion: 53 Resp: 21956

Ion Ratio Lower Upper

53 100

52 83.4 66.8 100.2

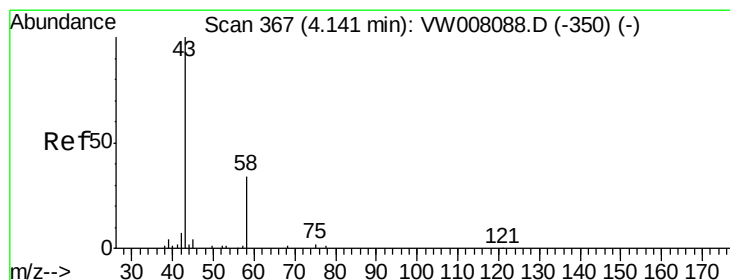
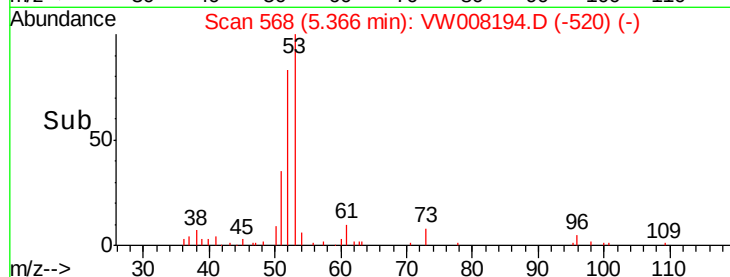
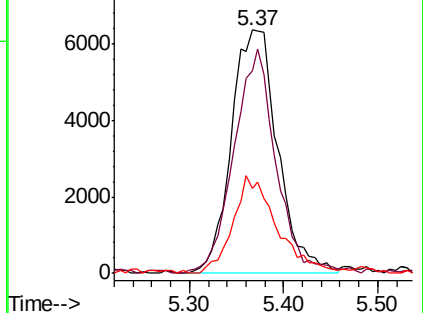
51 38.0 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 100.275 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.01 min

Lab File: VW008194.D

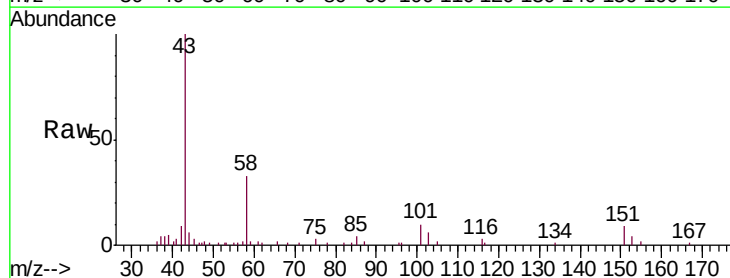
Acq: 11 Jan 2019 15:21

Tgt Ion: 43 Resp: 23249

Ion Ratio Lower Upper

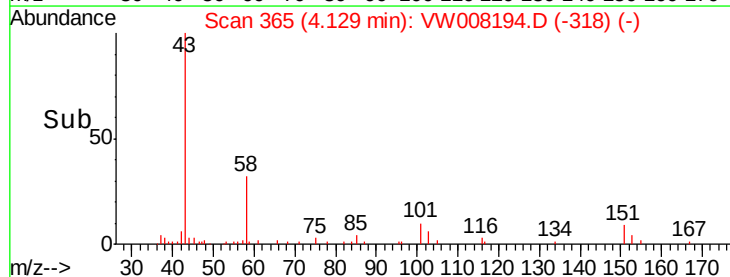
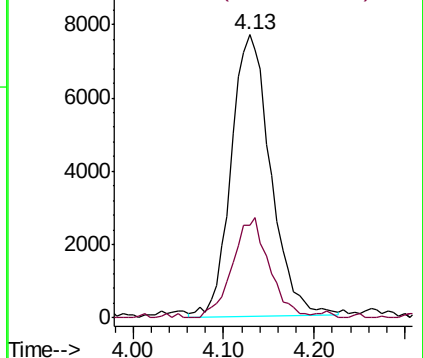
43 100

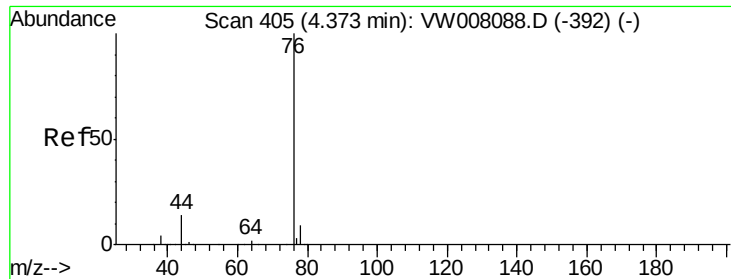
58 33.1 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

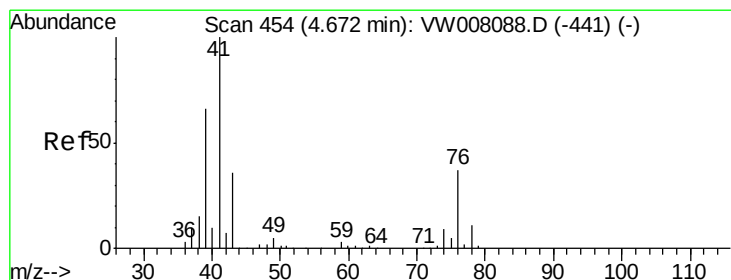
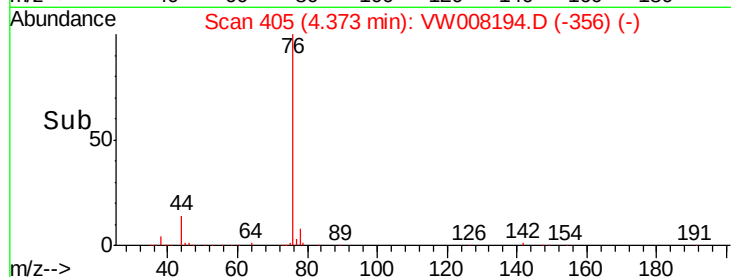
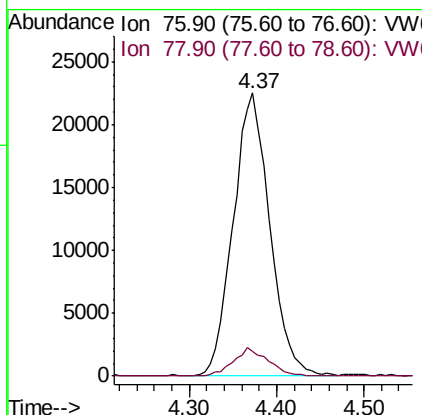
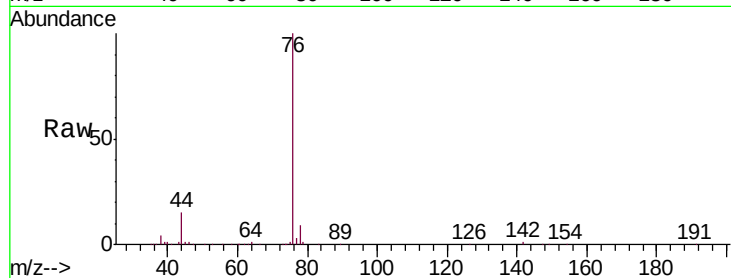




#17
Carbon Disulfide
Concen: 18.832 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

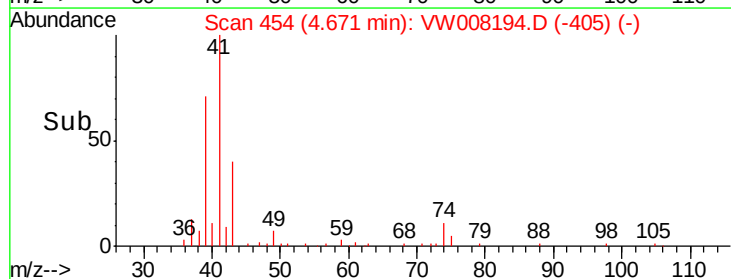
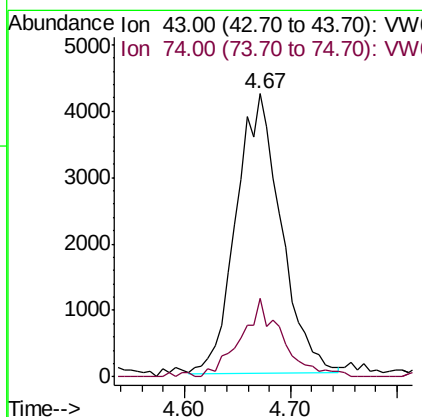
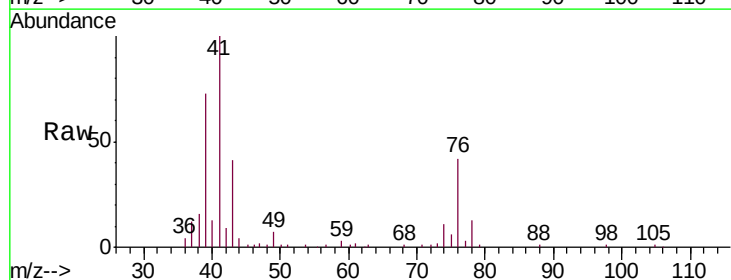
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

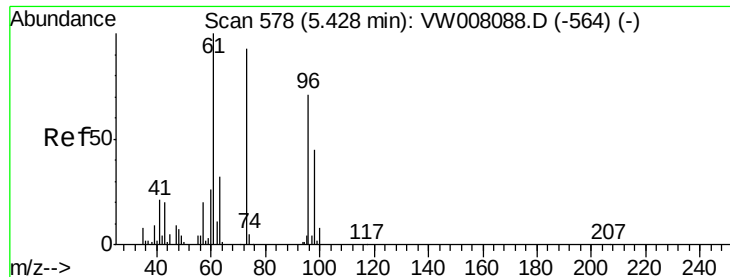
Tgt Ion: 76 Resp: 65646
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 17.177 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 43 Resp: 12433
Ion Ratio Lower Upper
43 100
74 25.9 19.0 28.4

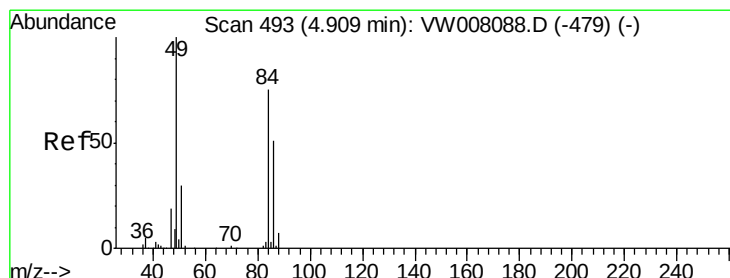
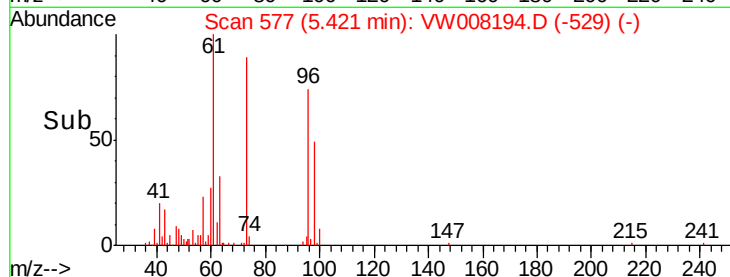
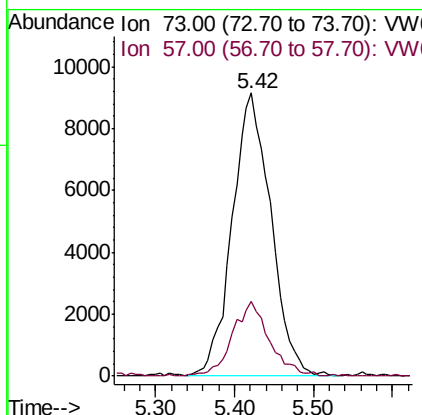
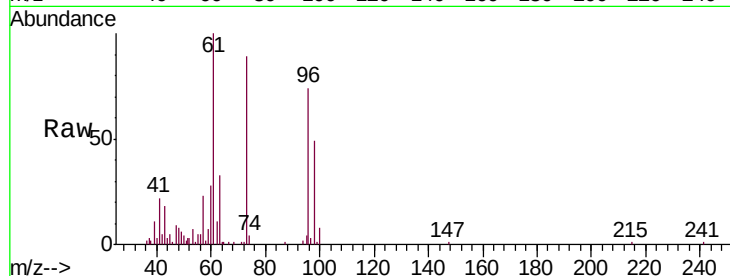




#19
Methyl tert-butyl Ether
Concen: 17.204 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

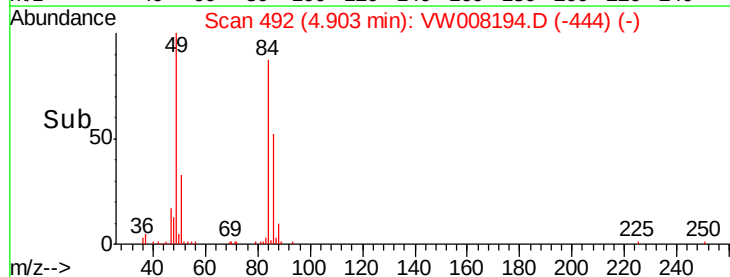
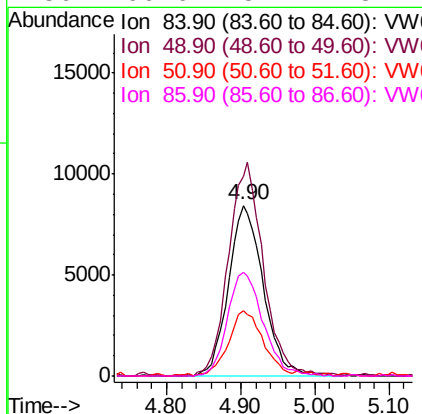
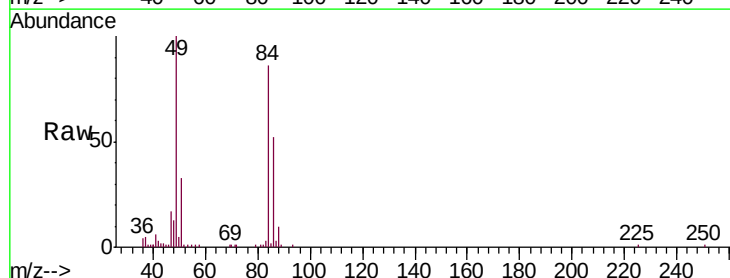
Instrument :
MSVOA_W
ClientSampled :
VW0111SBS01

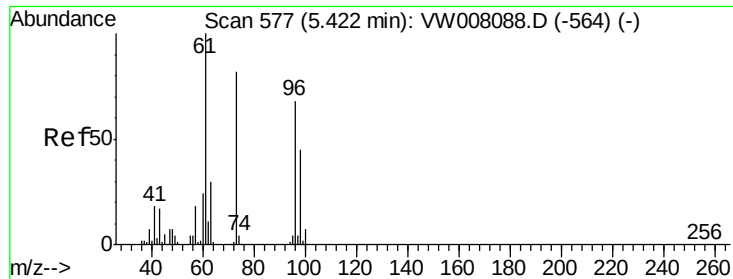
Tgt Ion: 73 Resp: 31210
Ion Ratio Lower Upper
73 100
57 26.3 16.7 25.1#



#20
Methylene Chloride
Concen: 21.758 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 84 Resp: 27595
Ion Ratio Lower Upper
84 100
49 116.2 107.1 160.7
51 37.5 32.4 48.6
86 60.6 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 19.404 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

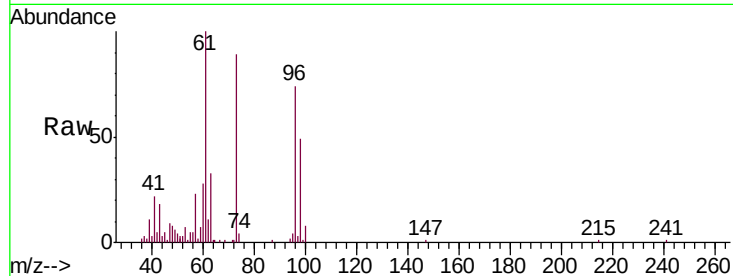
Tgt Ion: 96 Resp: 23530

Ion Ratio Lower Upper

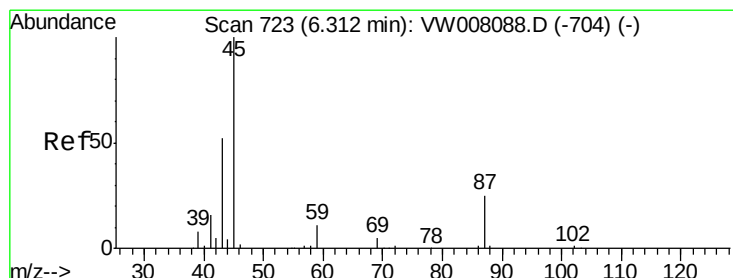
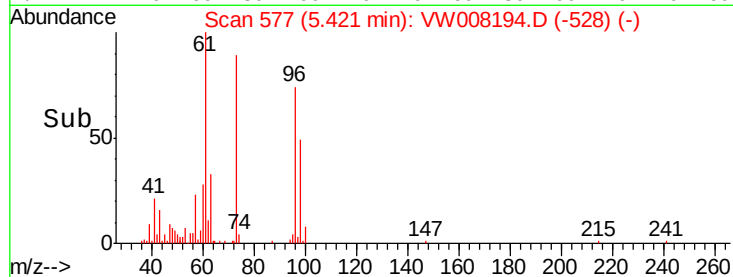
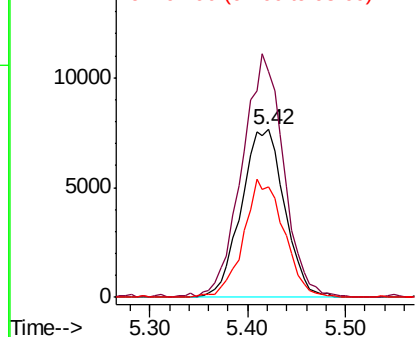
96 100

61 133.5 117.4 176.0

98 65.8 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VW
15000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 18.712 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion: 45 Resp: 72300

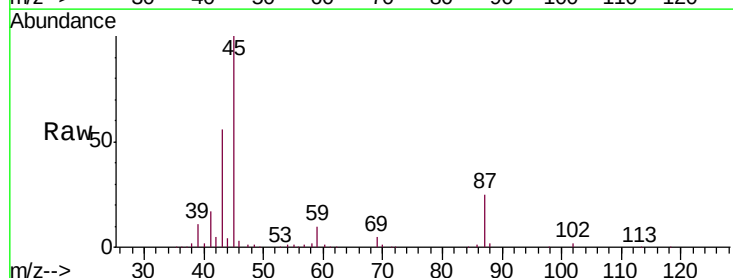
Ion Ratio Lower Upper

45 100

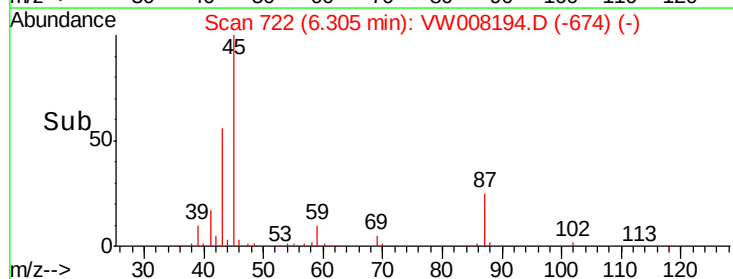
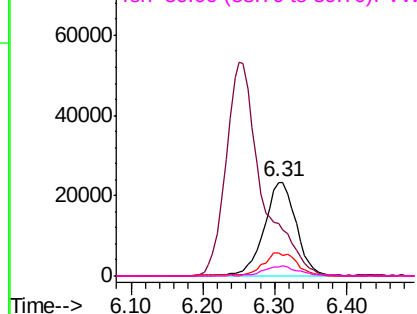
43 55.2 41.7 62.5

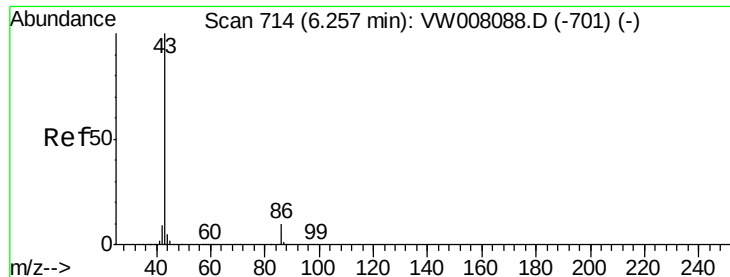
87 25.0 20.1 30.1

59 10.2 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
80000 Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 90.473 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

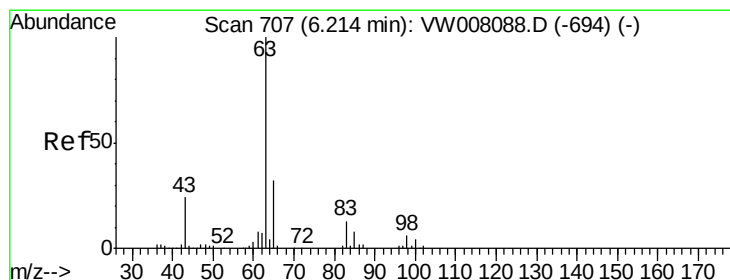
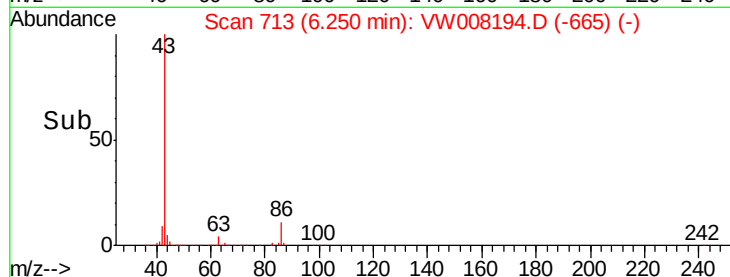
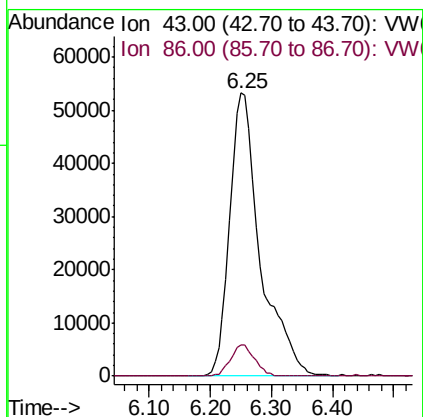
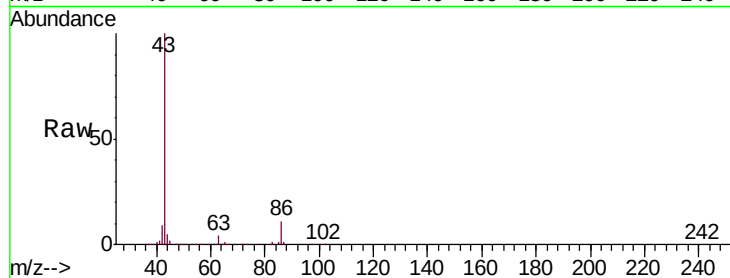
VW0111SBS01

Tgt Ion: 43 Resp: 183594

Ion Ratio Lower Upper

43 100

86 10.9 7.7 11.5



#24

1,1-Dichloroethane

Concen: 18.935 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

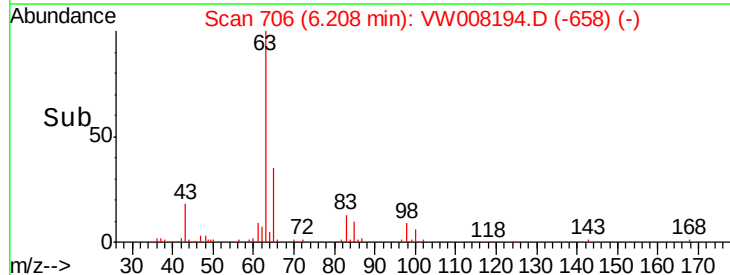
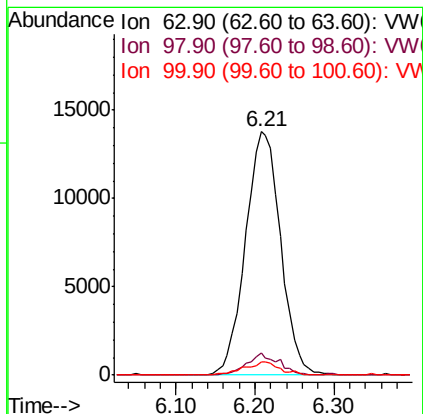
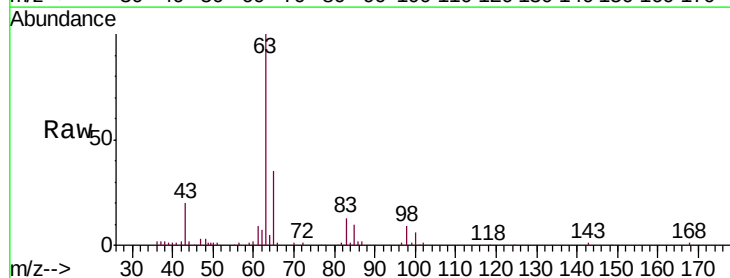
Tgt Ion: 63 Resp: 42629

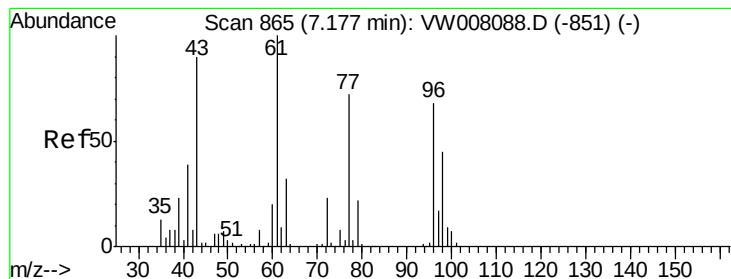
Ion Ratio Lower Upper

63 100

98 8.8 3.2 9.6

100 5.6 2.0 6.0





#25

2-Butanone

Concen: 90.223 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

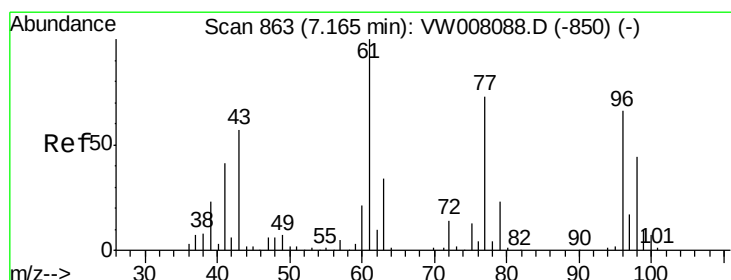
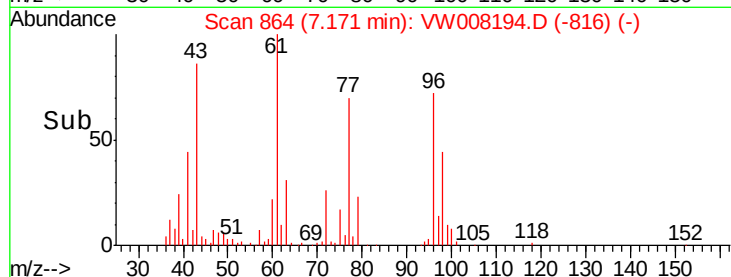
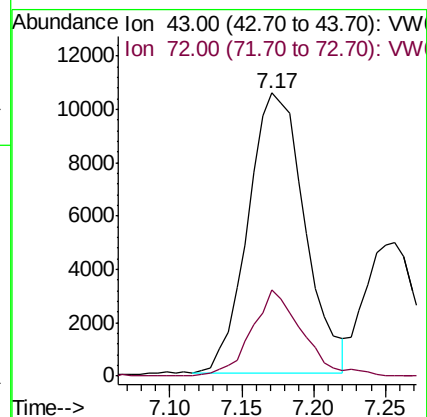
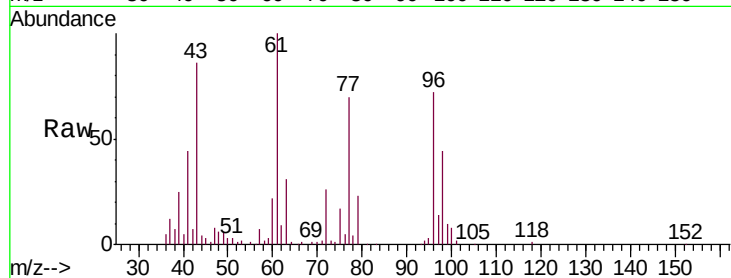
VW0111SBS01

Tgt Ion: 43 Resp: 28748

Ion Ratio Lower Upper

43 100

72 30.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.677 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008194.D

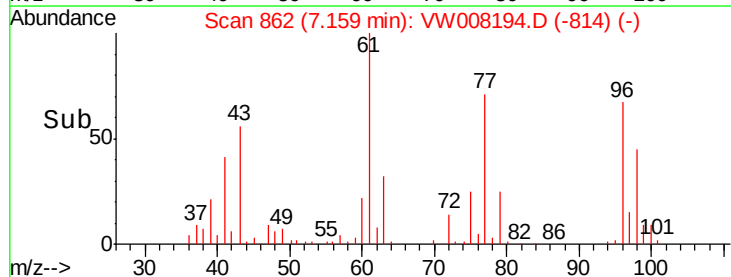
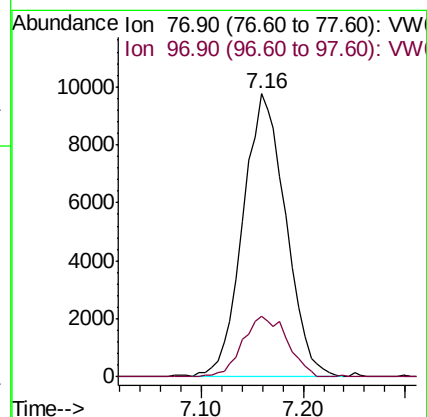
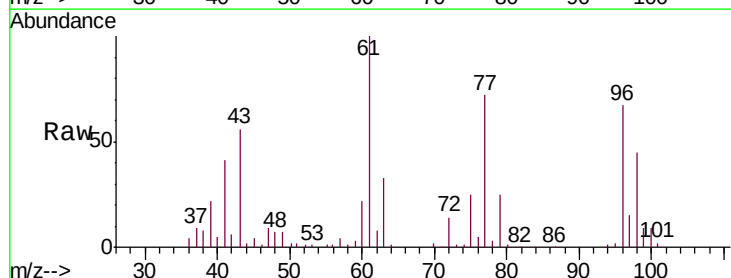
Acq: 11 Jan 2019 15:21

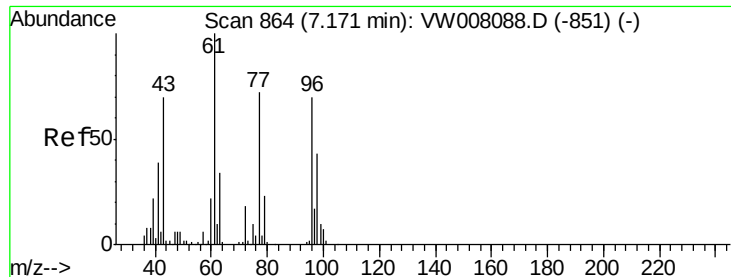
Tgt Ion: 77 Resp: 28490

Ion Ratio Lower Upper

77 100

97 22.3 11.4 34.1



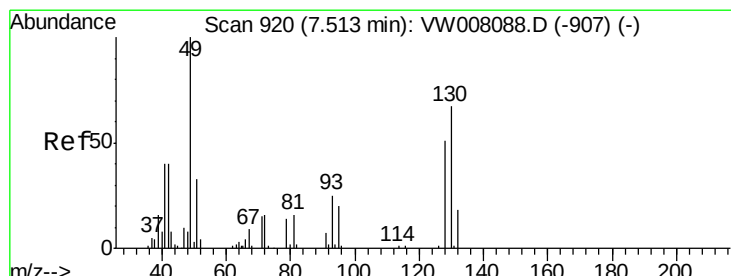
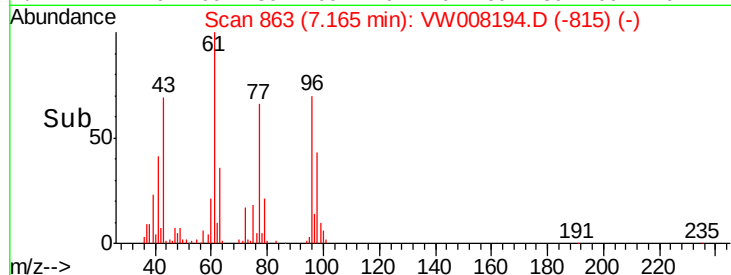
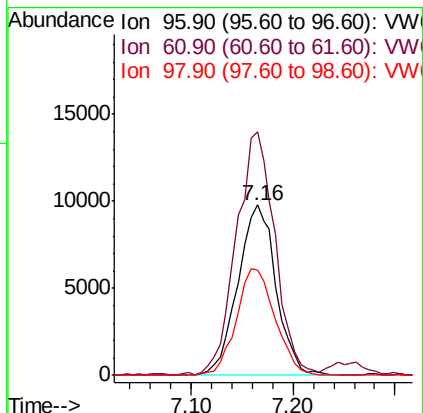
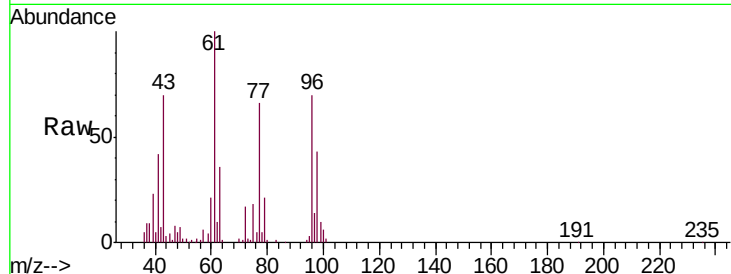


#27

cis-1,2-Dichloroethene
Concen: 19.220 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

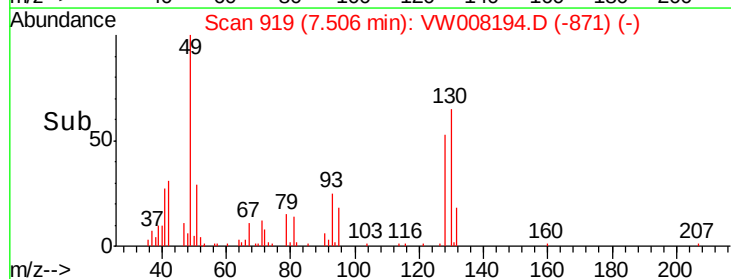
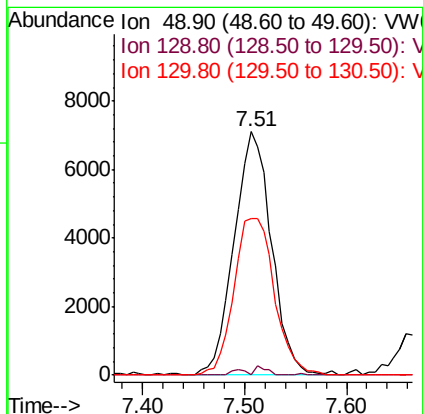
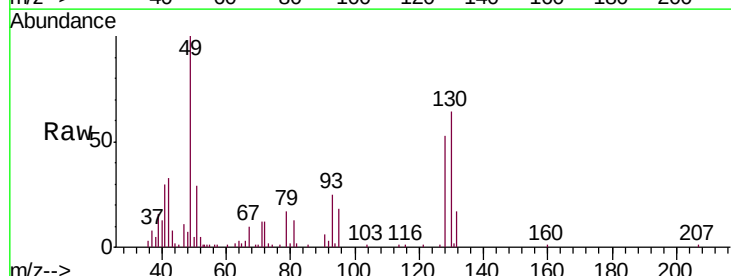
Tgt Ion: 96 Resp: 25428
Ion Ratio Lower Upper
96 100
61 145.1 0.0 300.4
98 63.5 0.0 128.4

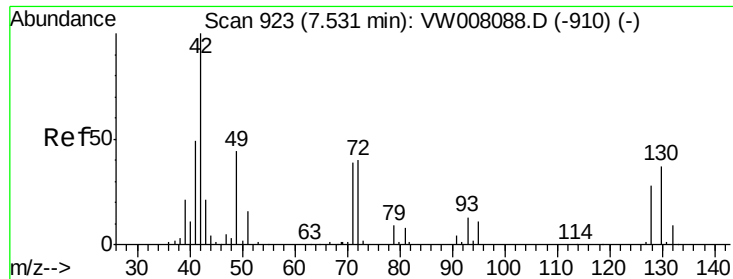


#28

Bromochloromethane
Concen: 20.332 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 49 Resp: 18105
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.8
130 69.6 54.3 81.5

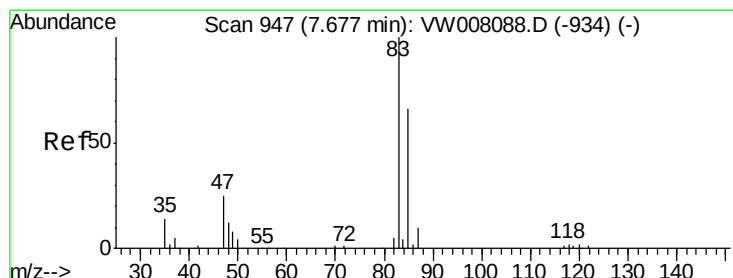
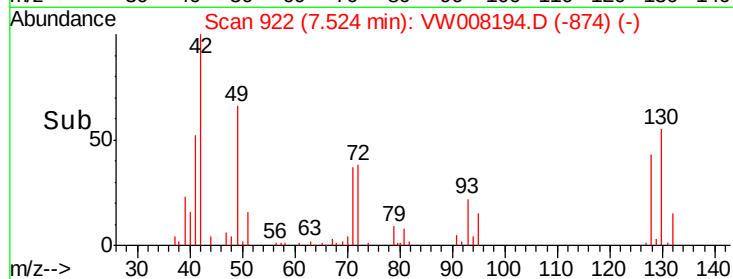
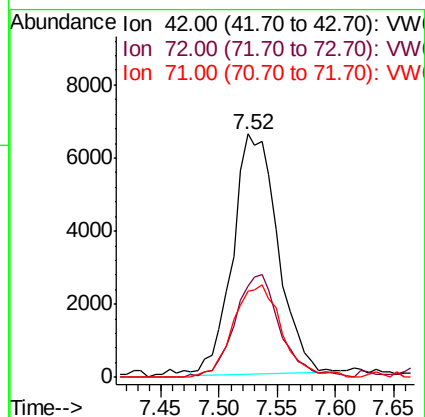
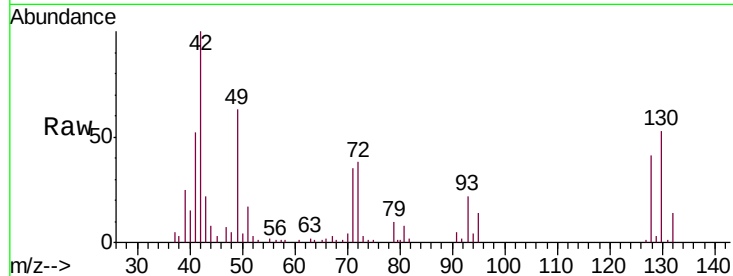




#29
Tetrahydrofuran
Concen: 82.804 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

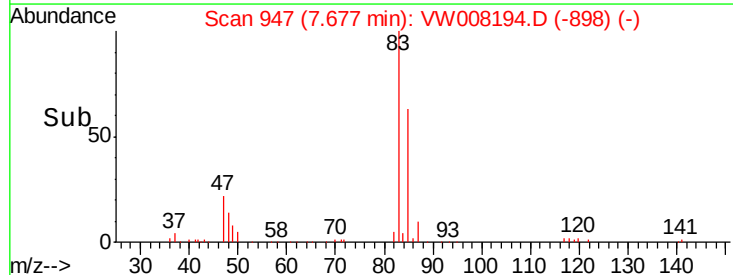
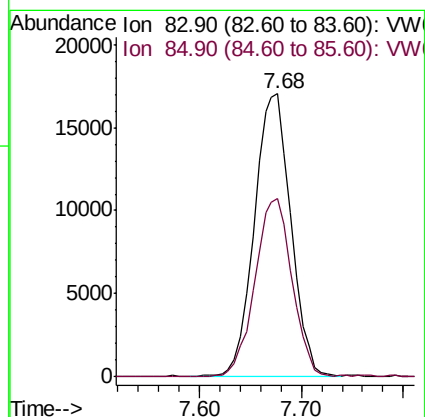
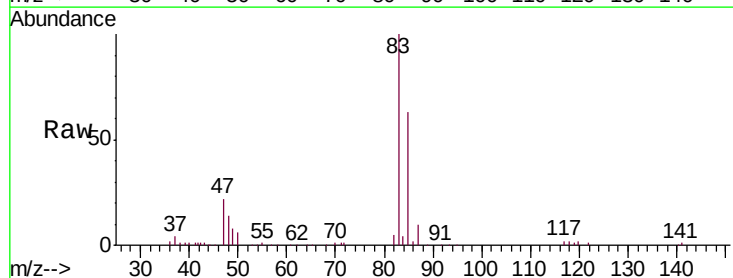
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

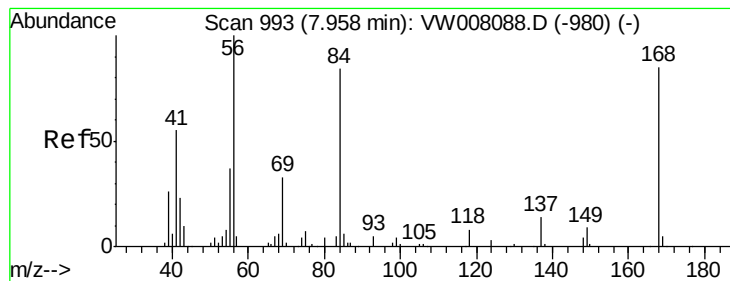
Tgt Ion: 42 Resp: 17624
Ion Ratio Lower Upper
42 100
72 43.2 32.4 48.6
71 41.5 31.3 46.9



#30
Chloroform
Concen: 19.826 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 83 Resp: 42484
Ion Ratio Lower Upper
83 100
85 62.9 53.2 79.8





#31

Cyclohexane

Concen: 17.659 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

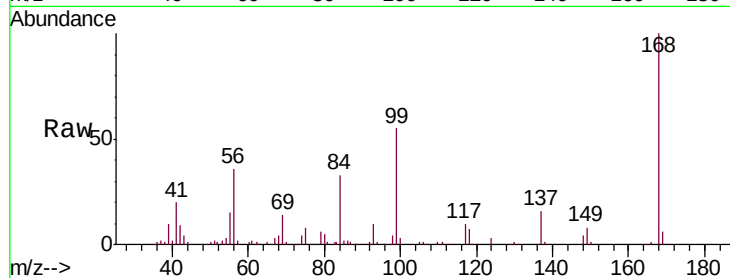
Tgt Ion: 56 Resp: 42560

Ion Ratio Lower Upper

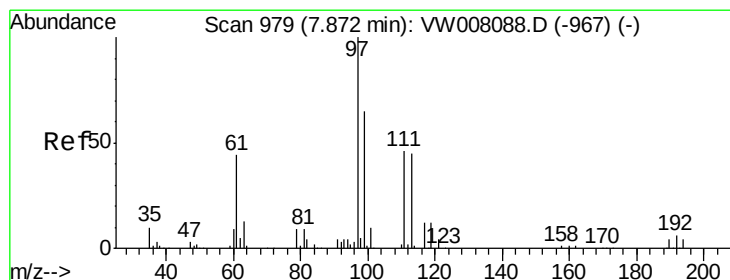
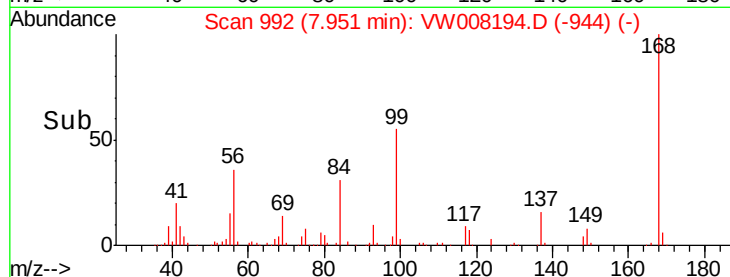
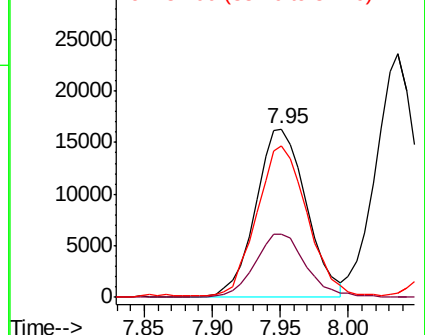
56 100

69 37.8 26.2 39.4

84 88.9 67.4 101.2



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



#32

1,1,1-Trichloroethane

Concen: 19.077 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

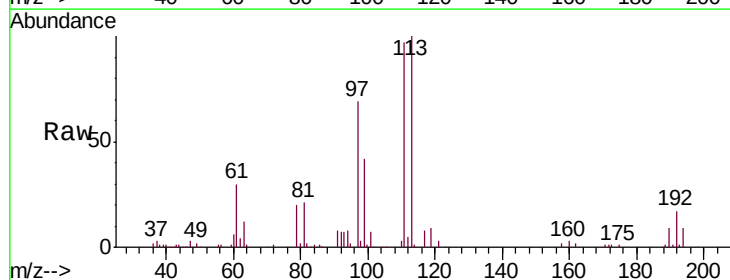
Tgt Ion: 97 Resp: 35571

Ion Ratio Lower Upper

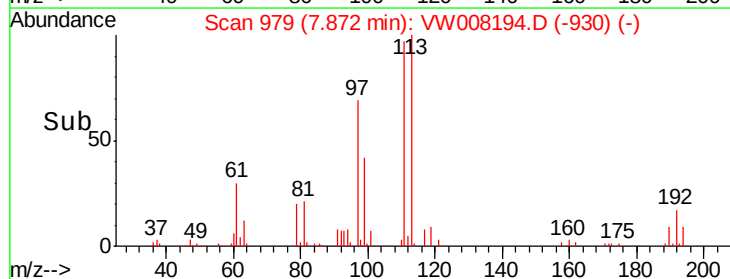
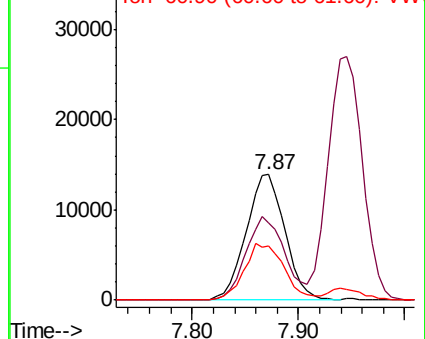
97 100

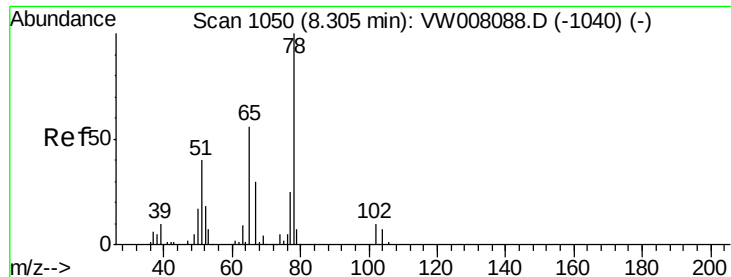
99 67.7 51.4 77.0

61 46.1 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

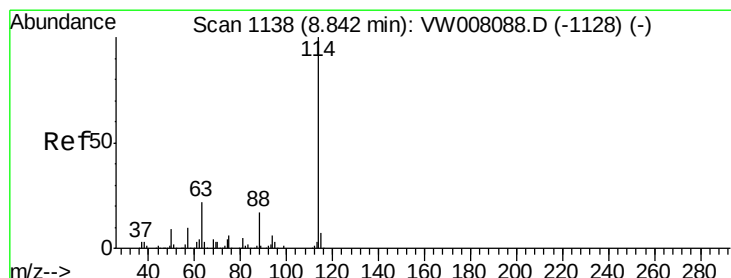
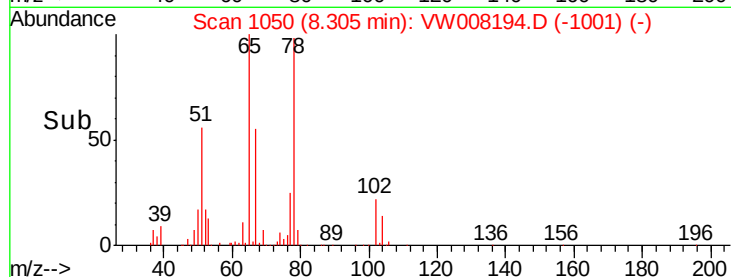
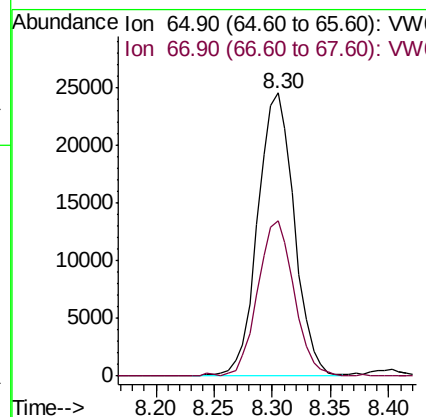
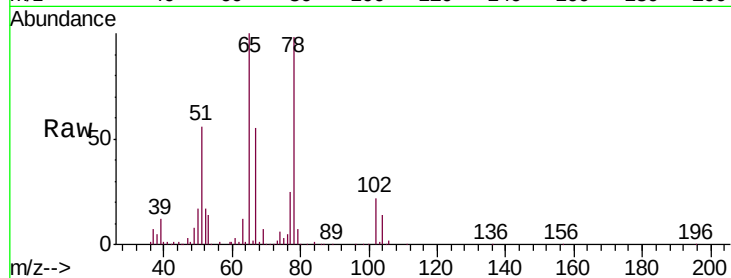




#33
 1,2-Dichloroethane-d4
 Concen: 46.857 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

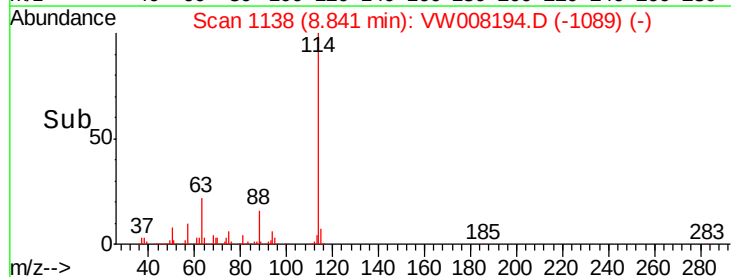
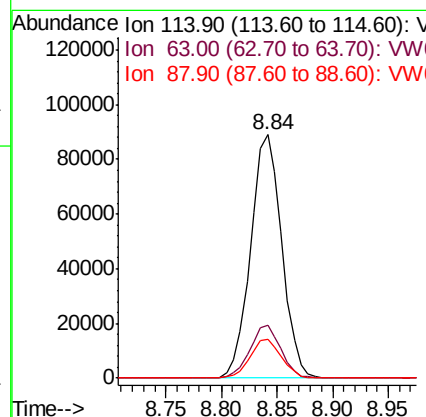
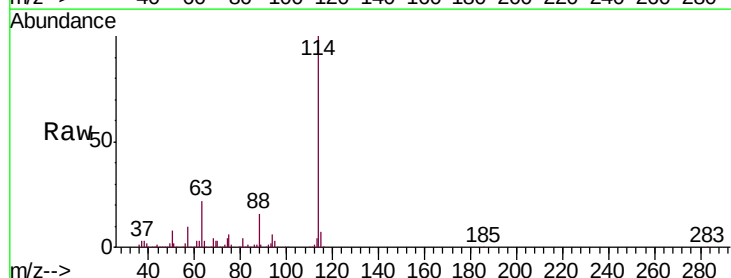
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

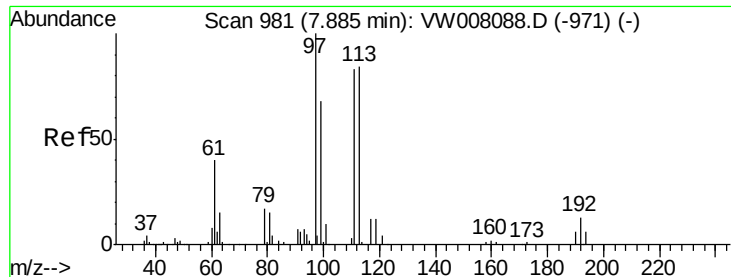
Tgt Ion: 65 Resp: 53661
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 114 Resp: 173181
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 15.8 0.0 33.4

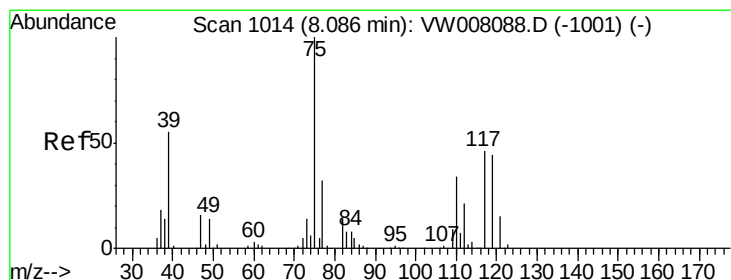
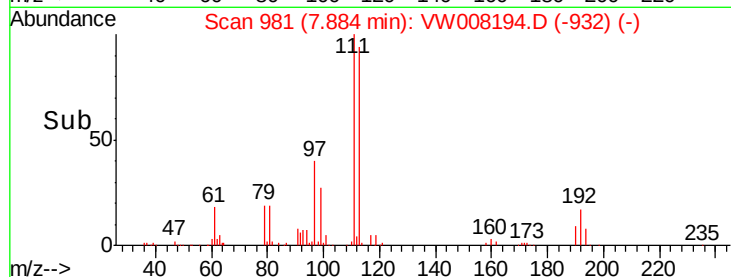
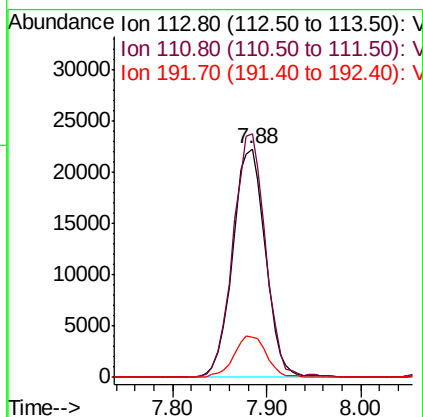
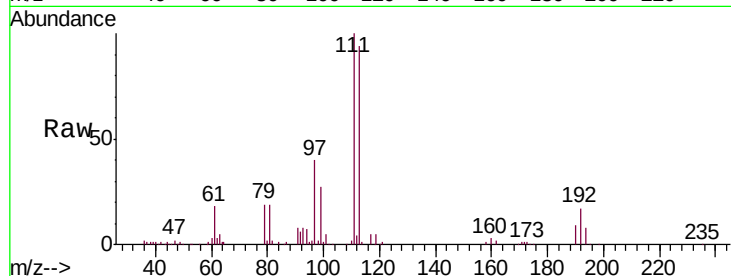




#35
 Dibromofluoromethane
 Concen: 53.191 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

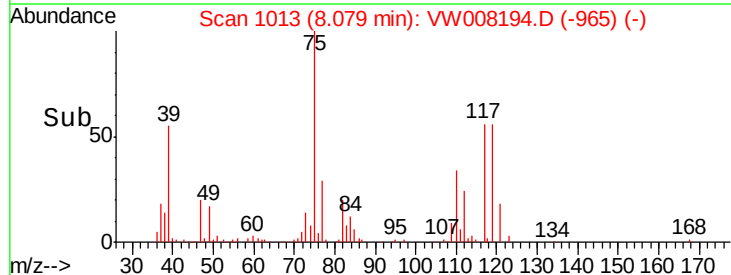
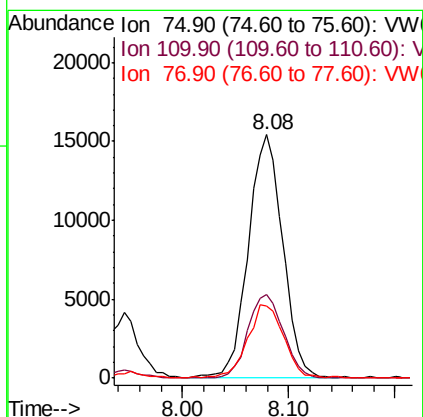
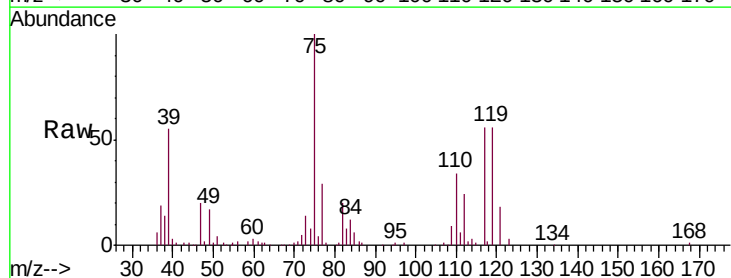
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

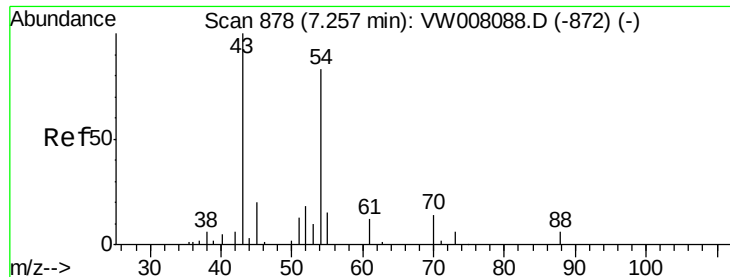
Tgt Ion: 113 Resp: 53726
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.8 122.8
 192 17.9 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 19.676 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 75 Resp: 35101
 Ion Ratio Lower Upper
 75 100
 110 35.3 17.1 51.3
 77 31.8 25.5 38.3

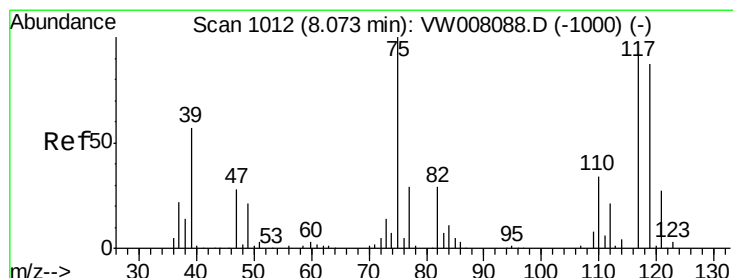
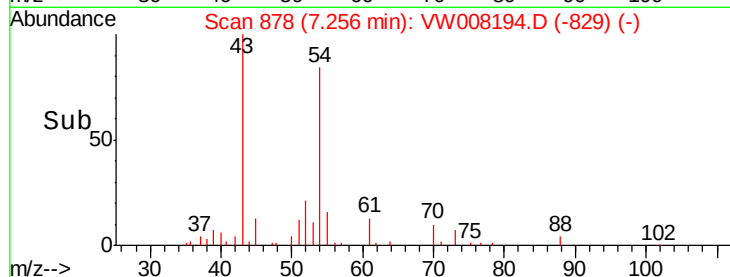
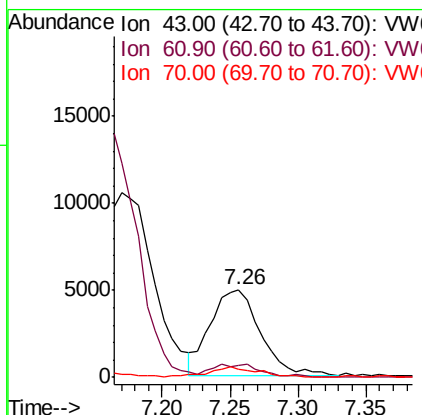
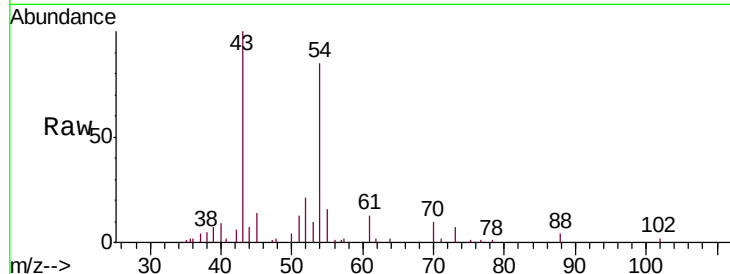




#37
Ethyl Acetate
Concen: 17.673 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

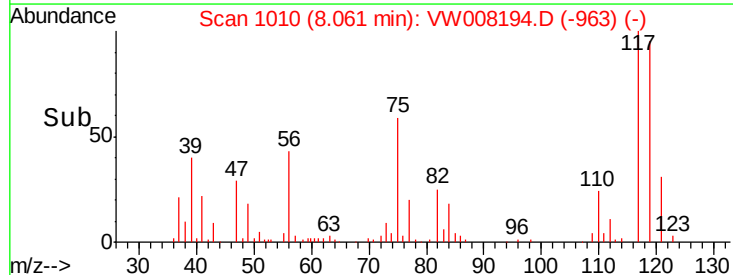
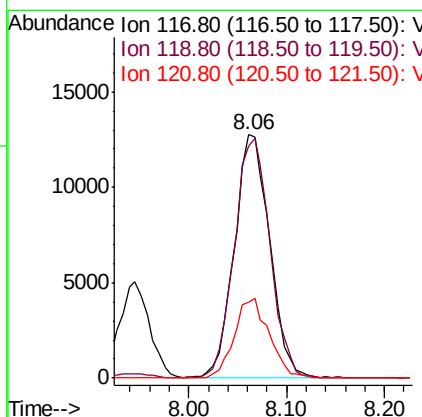
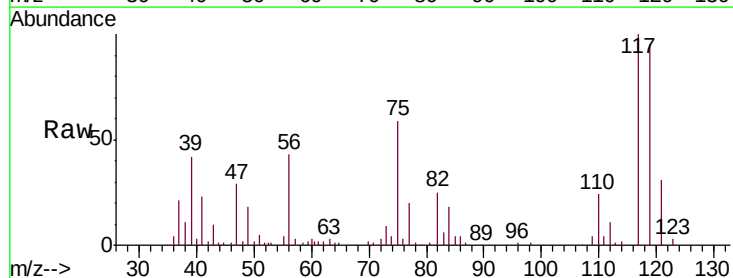
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

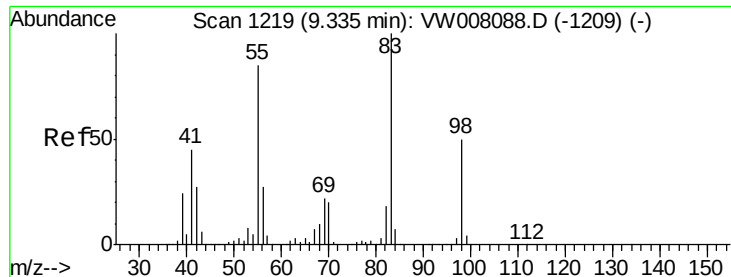
Tgt Ion: 43 Resp: 12631
Ion Ratio Lower Upper
43 100
61 15.3 10.6 16.0
70 12.0 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.586 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 117 Resp: 31980
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 31.1 23.7 35.5

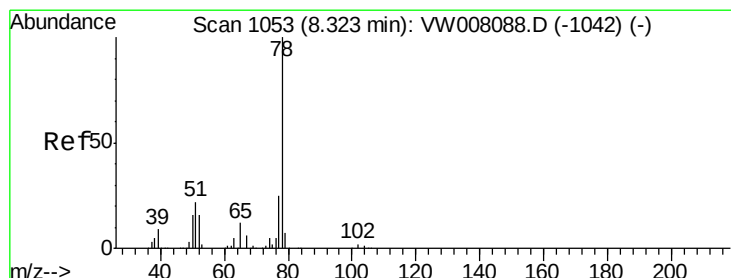
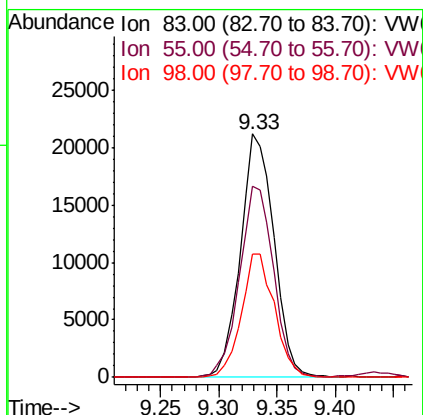
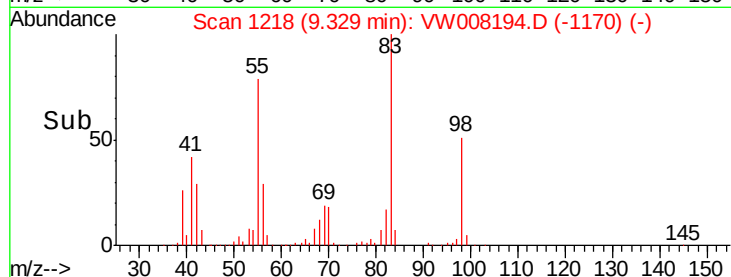
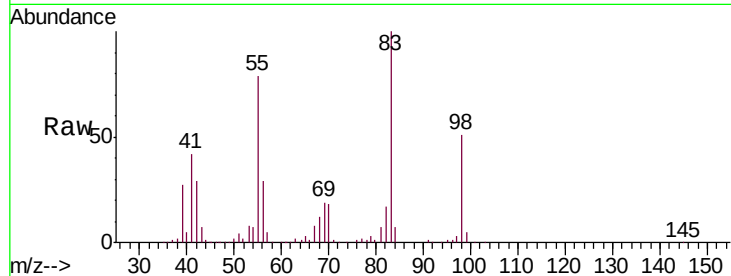




#39
Methylcyclohexane
Concen: 18.855 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

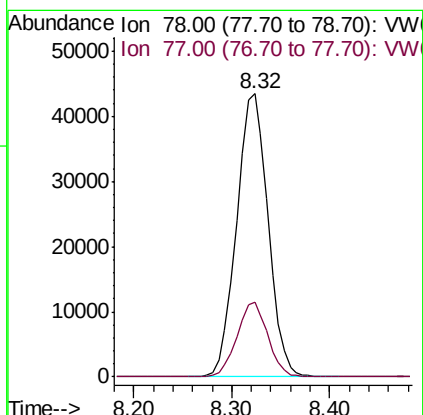
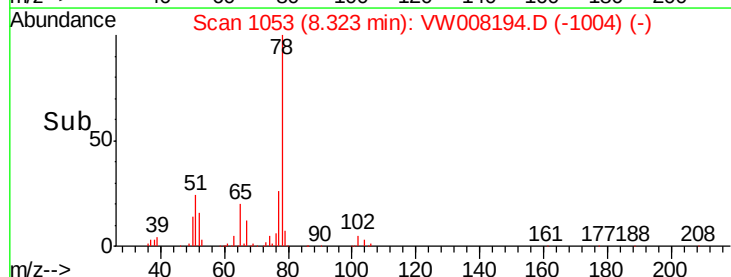
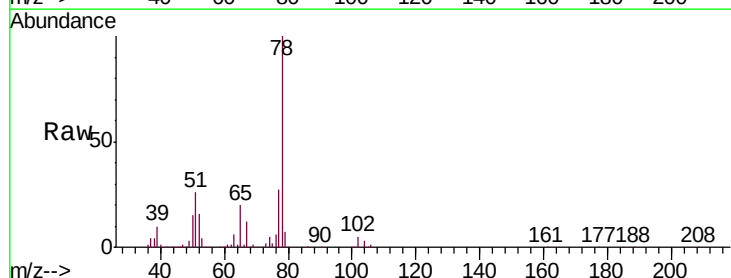
Instrument :
MSVOA_W
ClientSampled :
VW0111SBS01

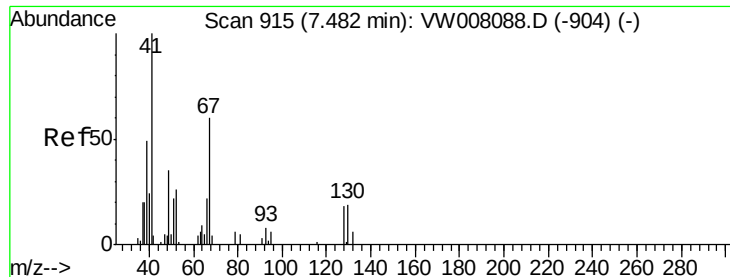
Tgt Ion: 83 Resp: 42651
Ion Ratio Lower Upper
83 100
55 78.5 67.8 101.6
98 50.6 40.2 60.4



#40
Benzene
Concen: 19.991 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 78 Resp: 96728
Ion Ratio Lower Upper
78 100
77 26.5 20.2 30.4

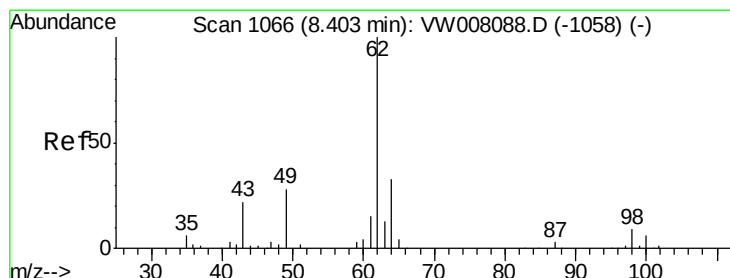
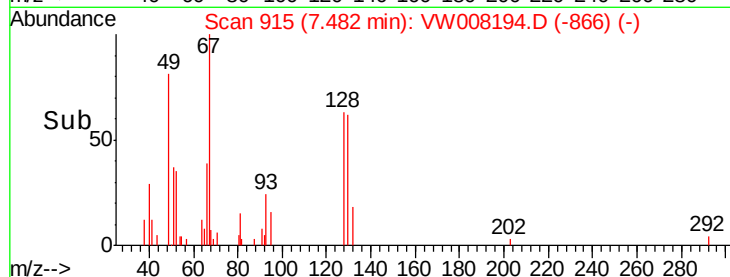
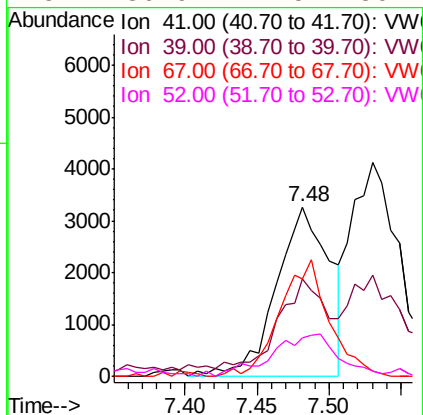
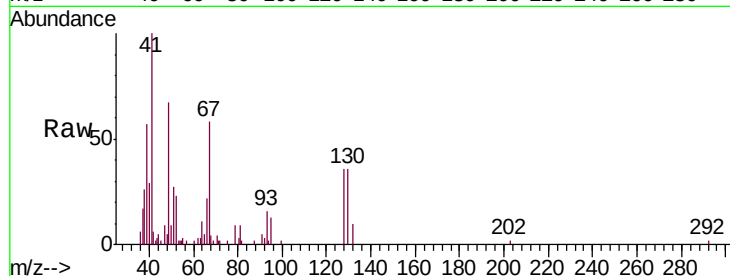




#41
Methacrylonitrile
Concen: 18.553 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

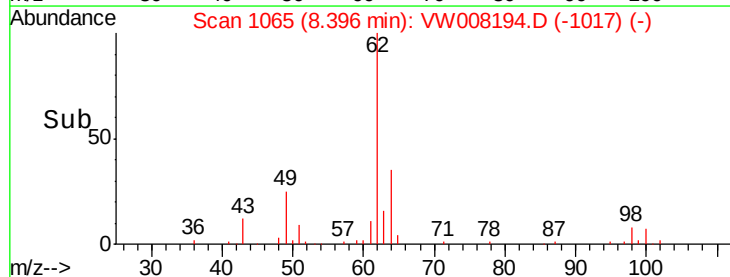
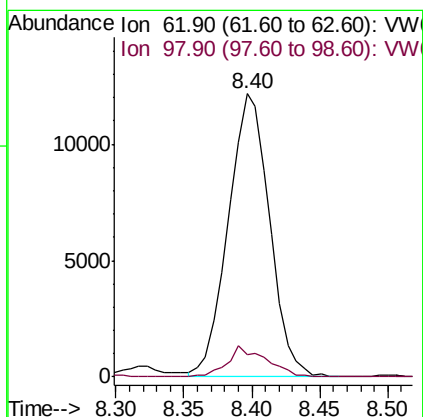
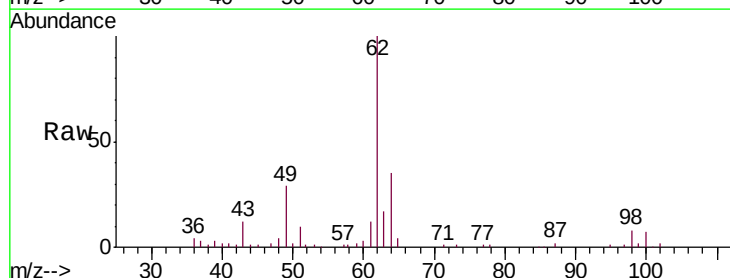
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

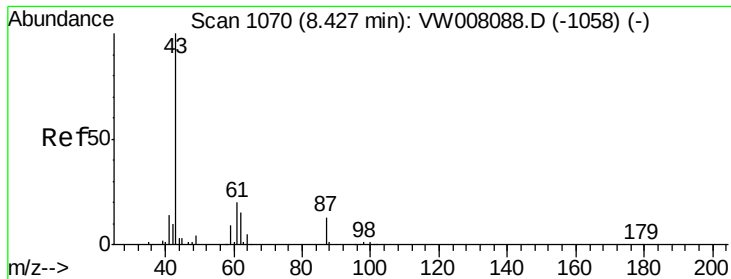
Tgt Ion:	41	Resp:	8376
Ion	Ratio	Lower	Upper
41	100		
39	50.8	47.9	71.9
67	63.8	56.3	84.5
52	30.9	24.5	36.7



#42
1,2-Dichloroethane
Concen: 18.950 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:	62	Resp:	25789
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.553 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

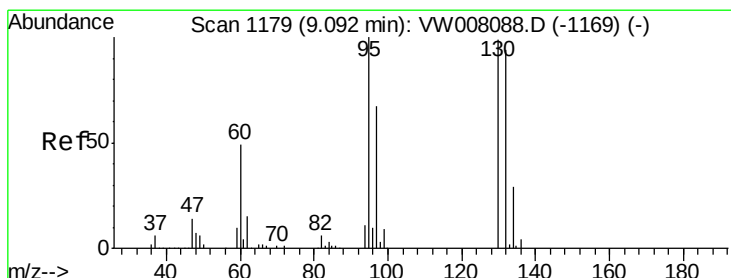
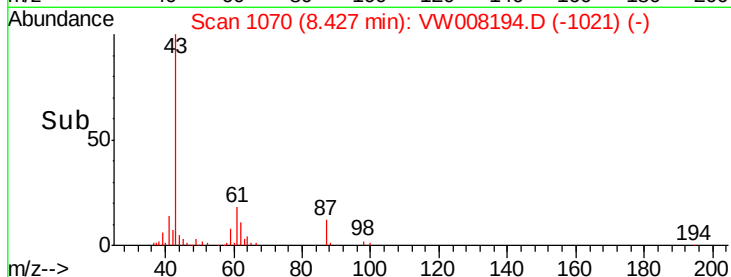
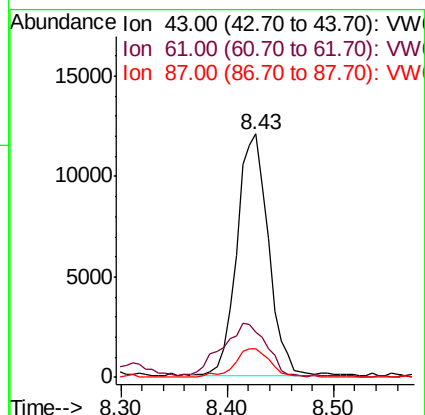
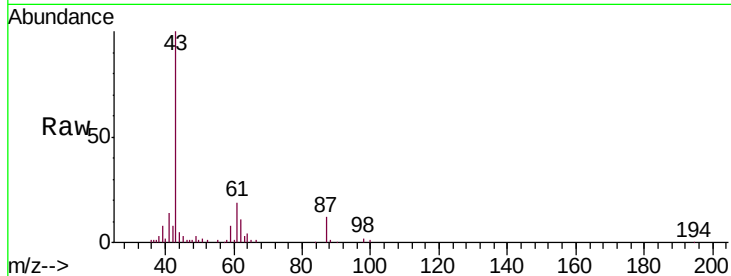
Tgt Ion: 43 Resp: 25082

Ion Ratio Lower Upper

43 100

61 30.9 24.8 37.2

87 13.5 10.4 15.6



#44

Trichloroethene

Concen: 20.280 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008194.D

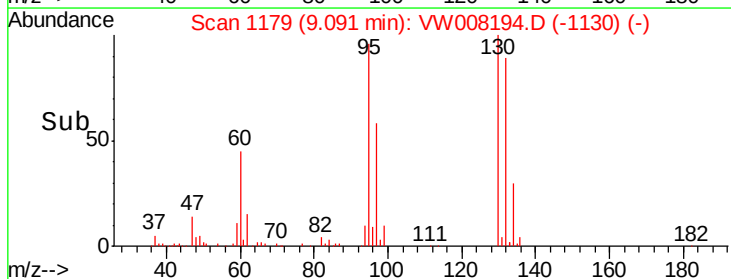
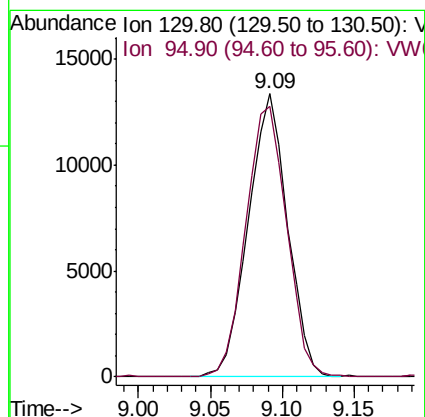
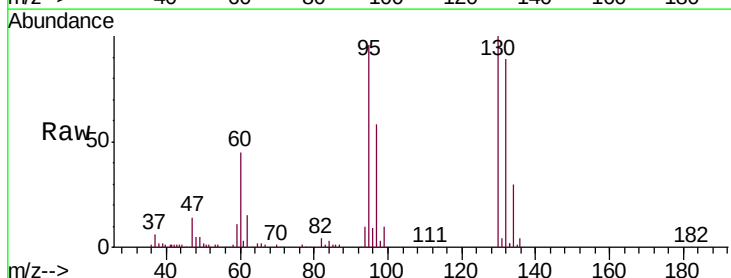
Acq: 11 Jan 2019 15:21

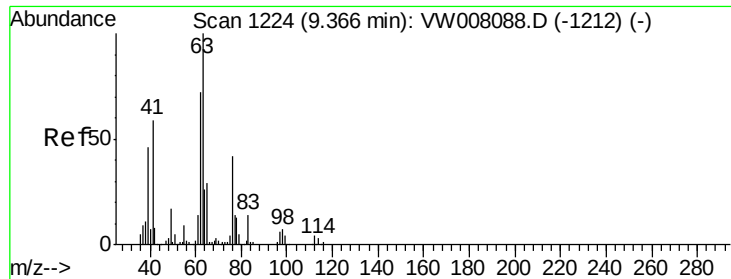
Tgt Ion: 130 Resp: 25119

Ion Ratio Lower Upper

130 100

95 95.7 0.0 202.8

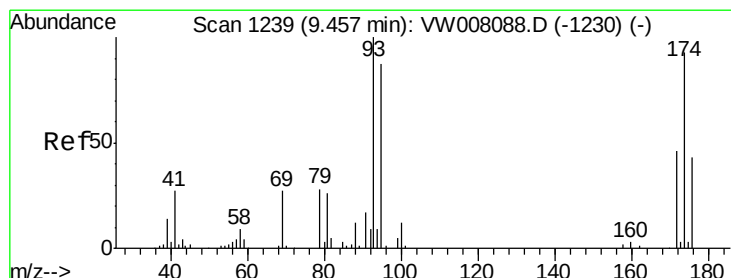
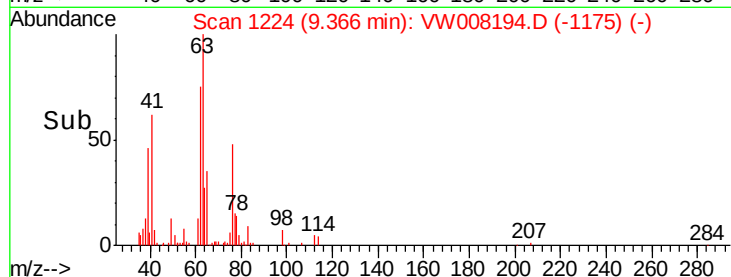
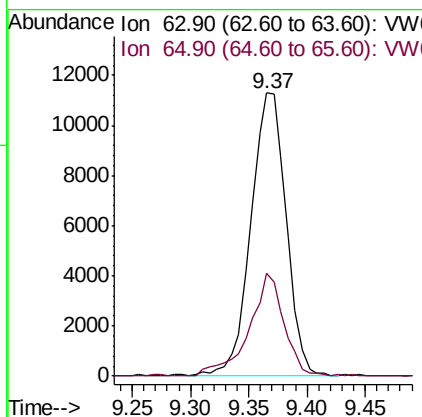
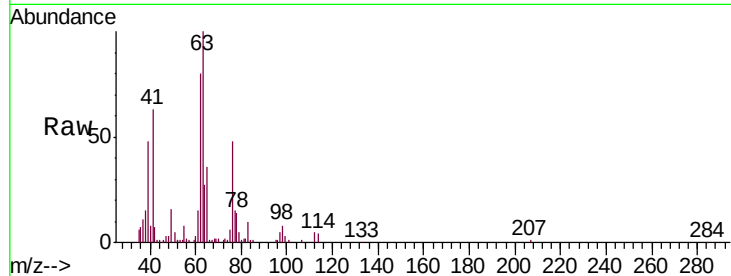




#45
 1,2-Dichloropropane
 Concen: 19.912 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

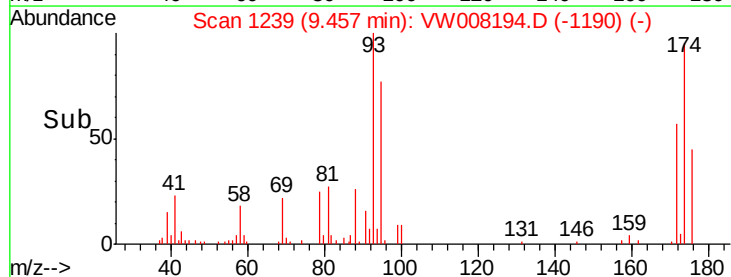
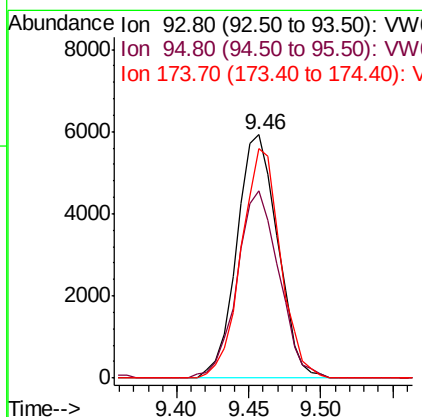
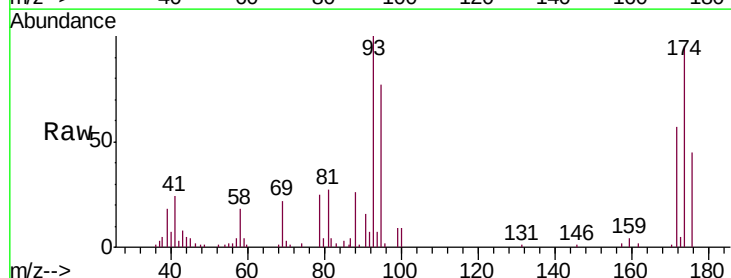
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

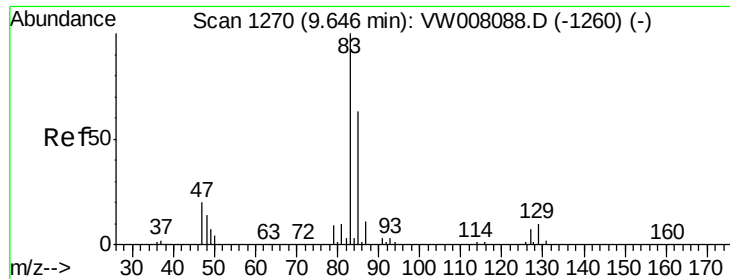
Tgt Ion: 63 Resp: 23889
 Ion Ratio Lower Upper
 63 100
 65 36.3 23.3 34.9#



#46
 Dibromomethane
 Concen: 19.830 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 93 Resp: 11684
 Ion Ratio Lower Upper
 93 100
 95 78.9 67.5 101.3
 174 90.4 72.5 108.7





#47

Bromodichloromethane

Concen: 20.064 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

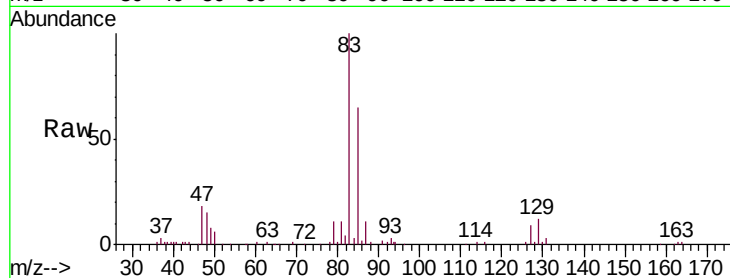
Tgt Ion: 83 Resp: 30018

Ion Ratio Lower Upper

83 100

85 64.6 50.7 76.1

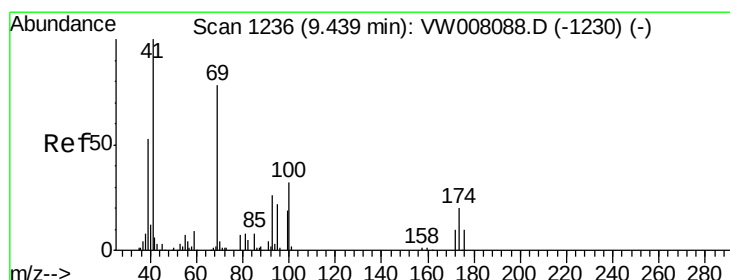
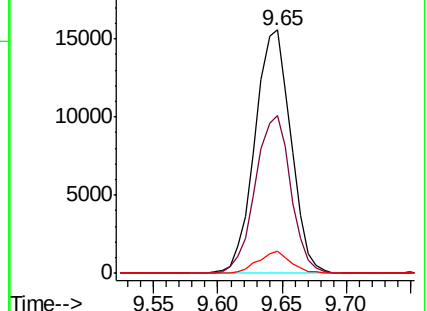
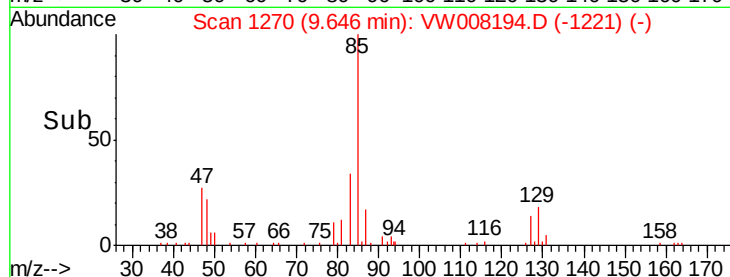
127 9.0 6.0 9.0



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: 16.569 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

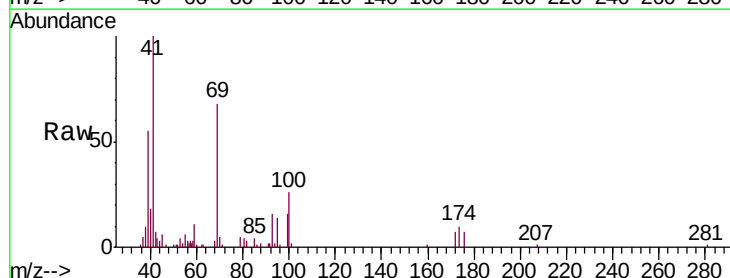
Tgt Ion: 41 Resp: 11172

Ion Ratio Lower Upper

41 100

69 86.8 61.9 92.9

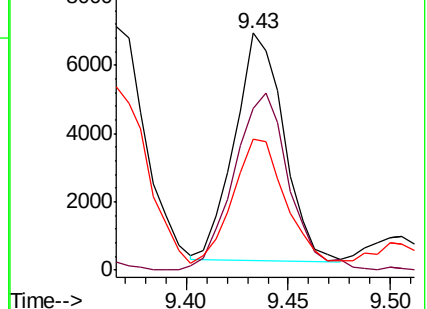
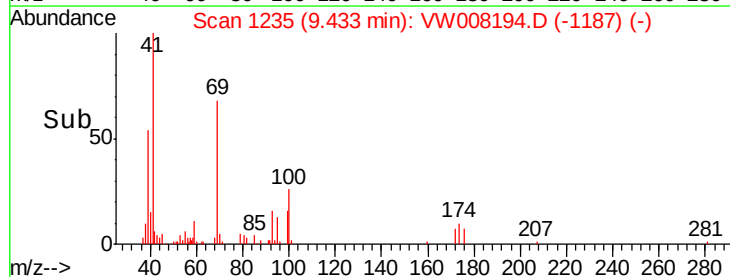
39 58.8 43.0 64.4

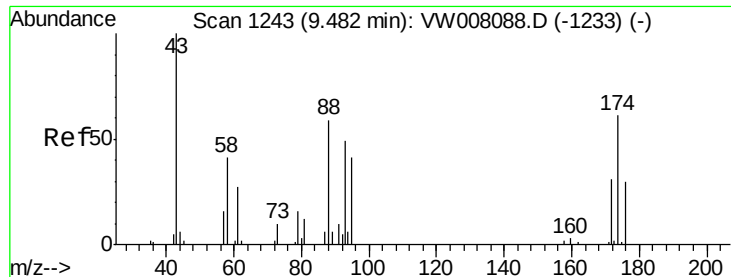


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

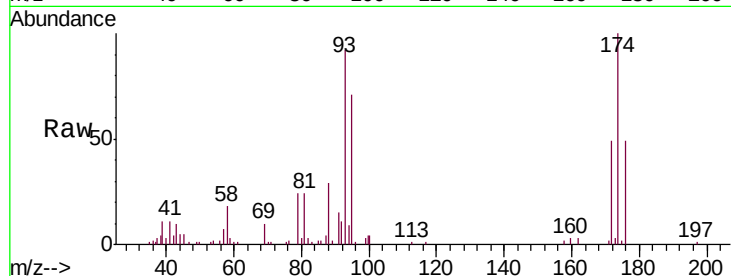




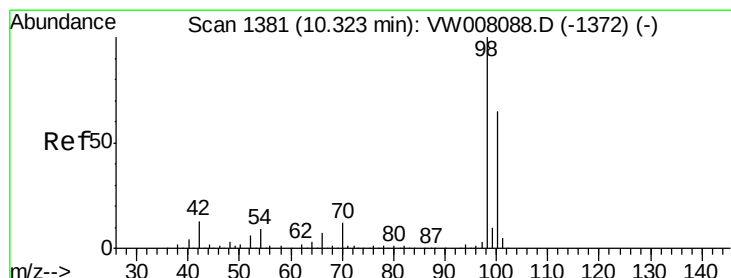
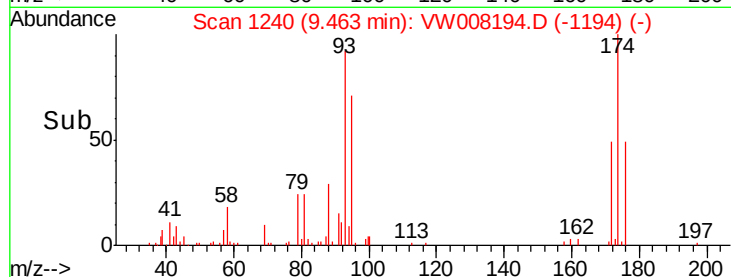
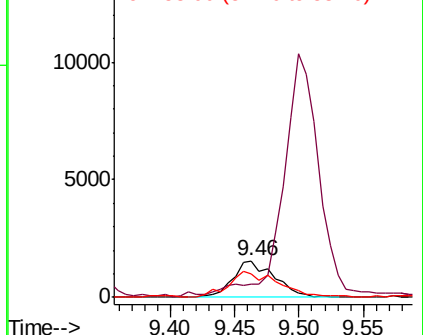
#49
1,4-Dioxane
Concen: 367.369 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tgt Ion: 88 Resp: 3481
Ion Ratio Lower Upper
88 100
43 20.4 0.0 0.0#
58 85.0 61.7 92.5

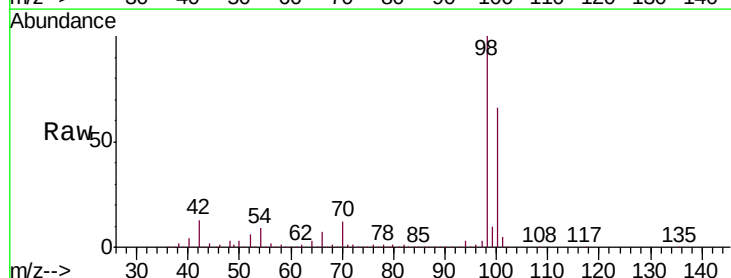


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

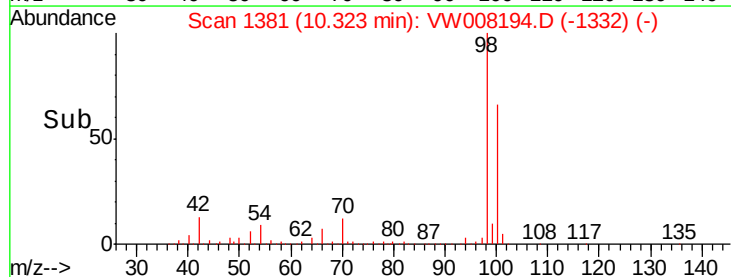
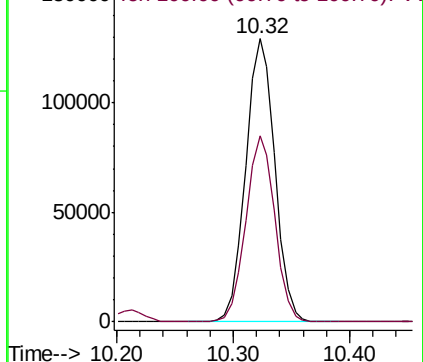


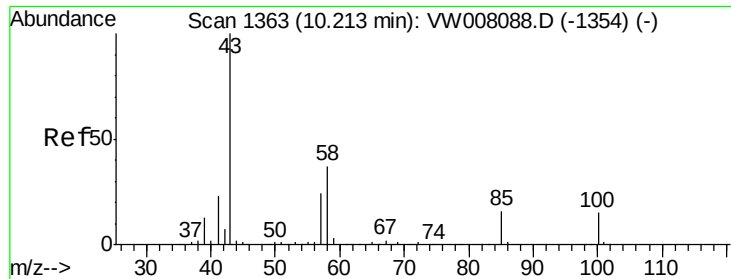
#50
Toluene-d8
Concen: 53.128 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 98 Resp: 225190
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



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

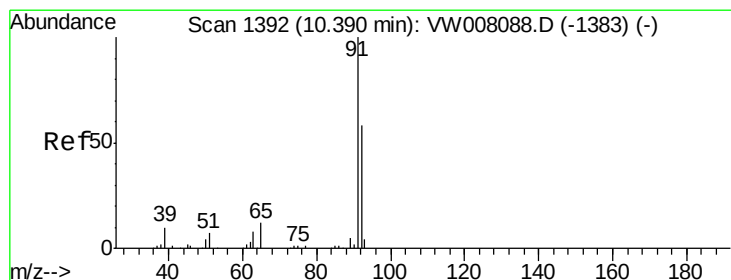
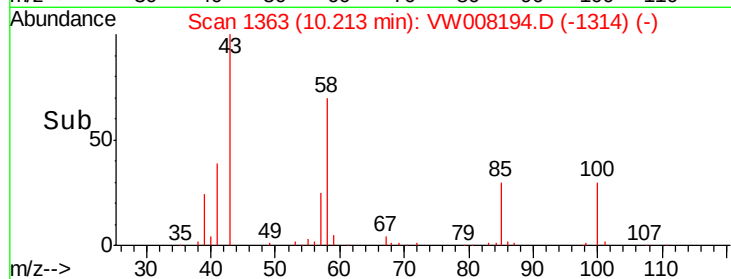
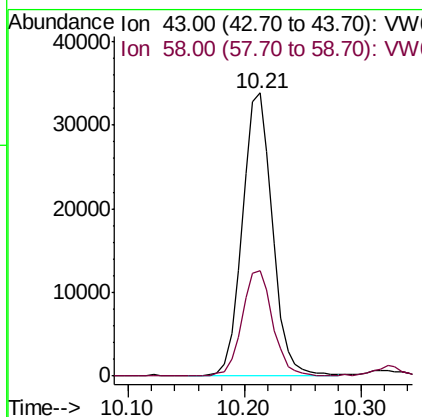
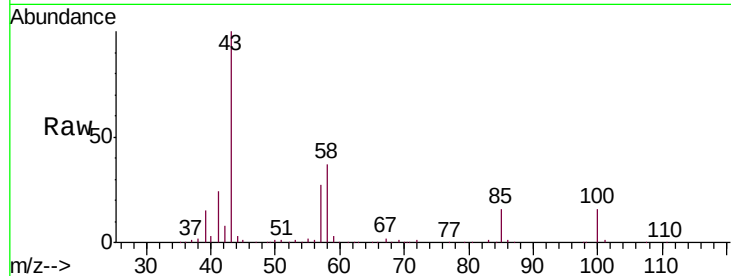




#51
 4-Methyl-2-Pentanone
 Concen: 87.624 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

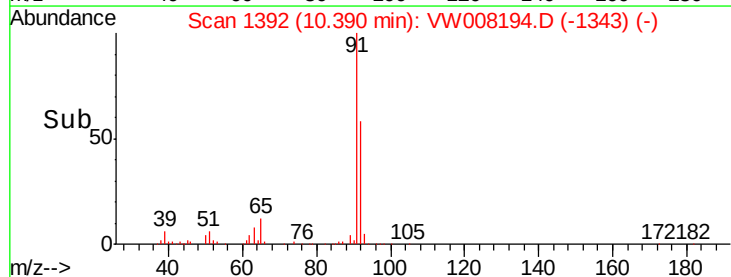
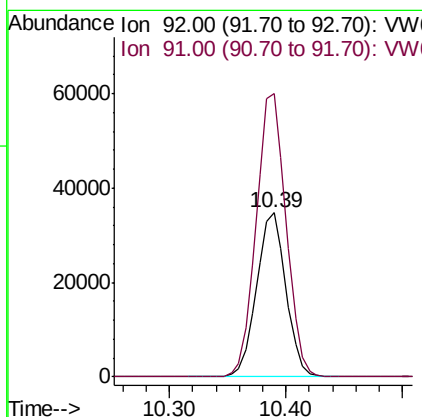
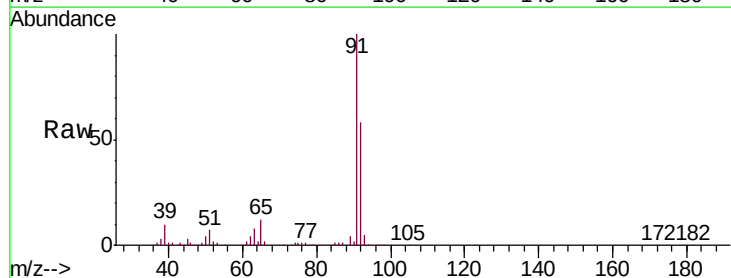
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

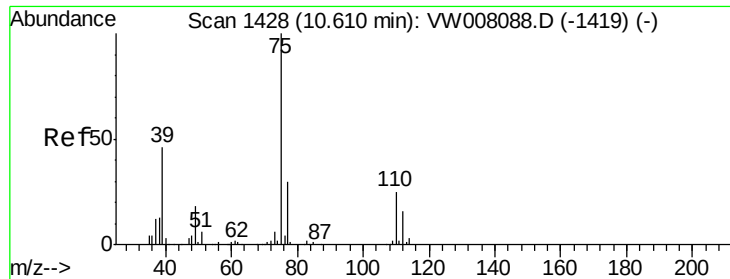
Tgt Ion: 43 Resp: 60609
 Ion Ratio Lower Upper
 43 100
 58 38.5 30.6 46.0



#52
 Toluene
 Concen: 19.663 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 92 Resp: 60759
 Ion Ratio Lower Upper
 92 100
 91 175.6 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 18.691 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

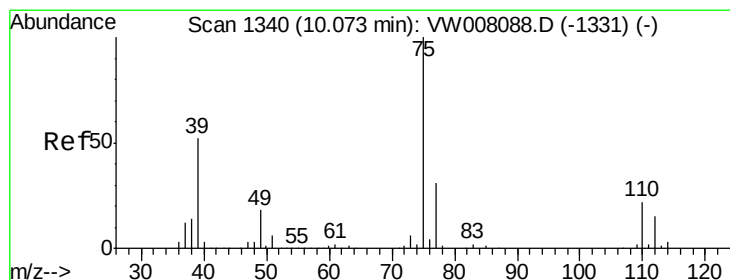
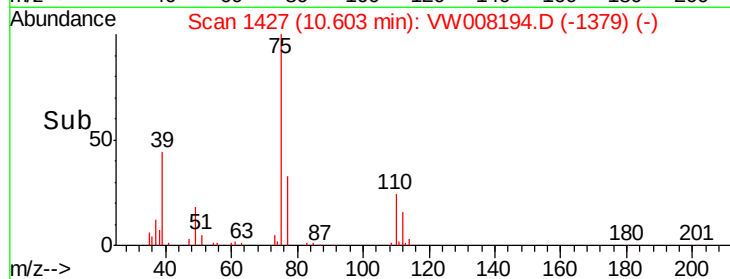
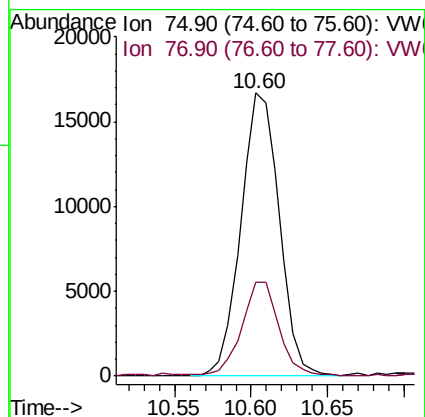
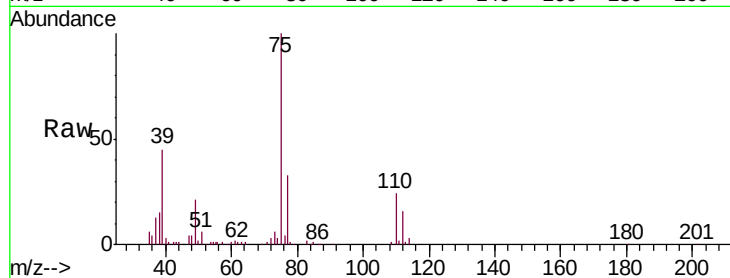
VW0111SBS01

Tgt Ion: 75 Resp: 29088

Ion Ratio Lower Upper

75 100

77 33.4 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.046 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

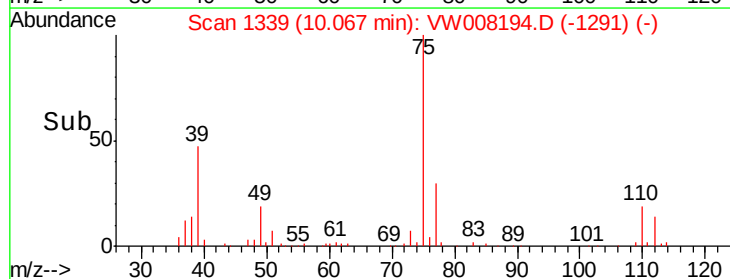
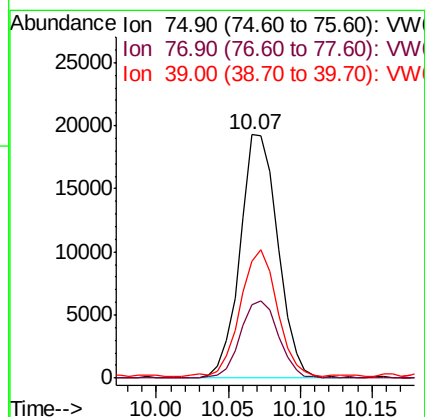
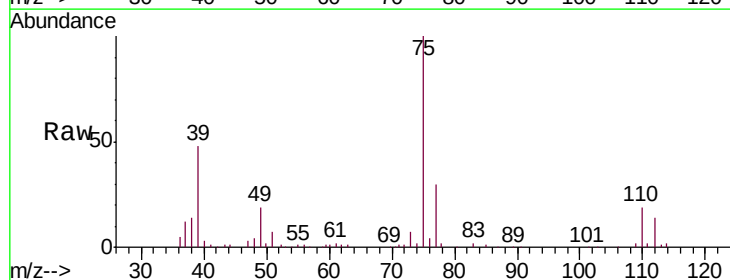
Tgt Ion: 75 Resp: 35148

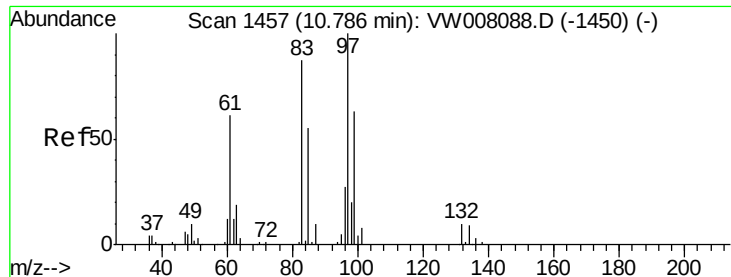
Ion Ratio Lower Upper

75 100

77 29.9 25.2 37.8

39 46.8 41.4 62.0

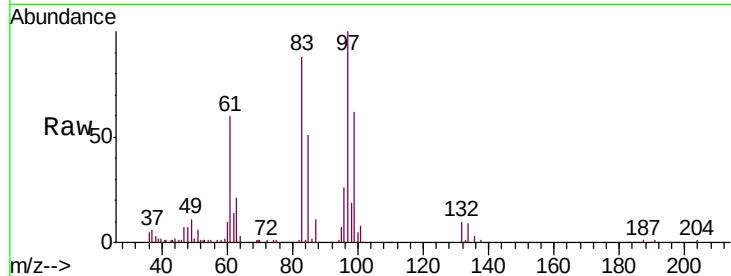




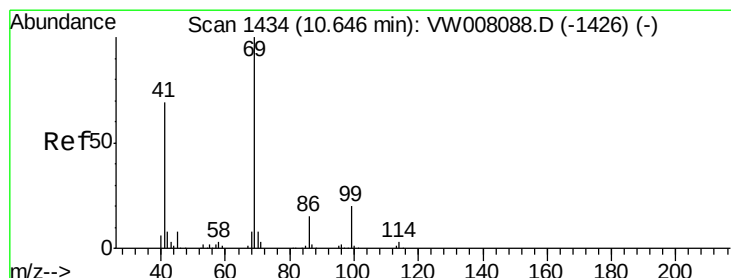
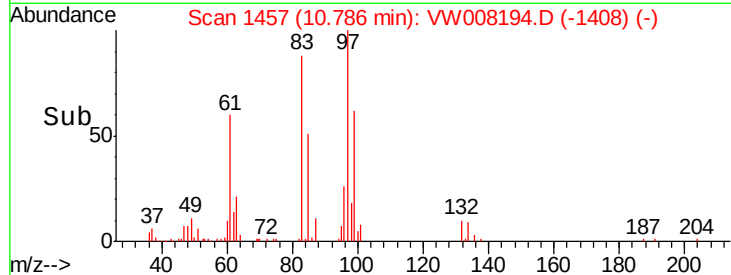
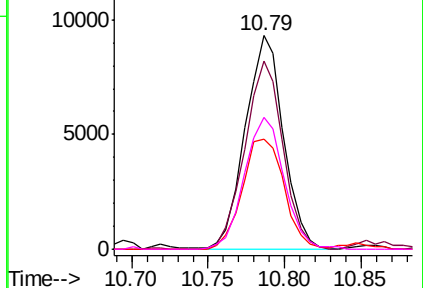
#55
 1,1,2-Trichloroethane
 Concen: 19.584 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tgt Ion:	97	Resp:	16201
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.3	103.9
85	51.3	43.8	65.6
99	61.5	50.0	75.0

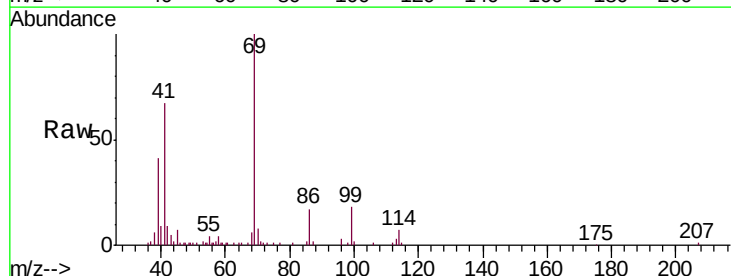


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

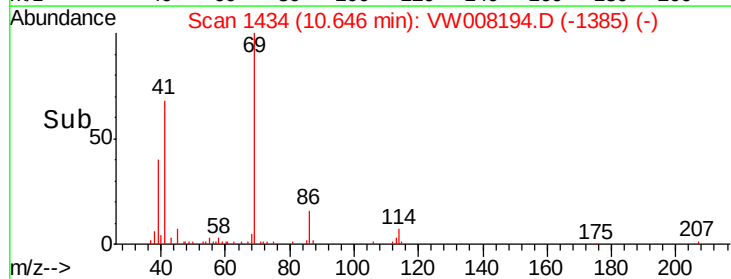
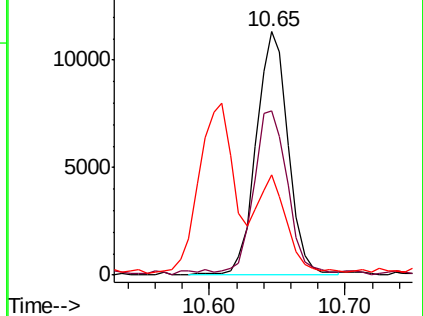


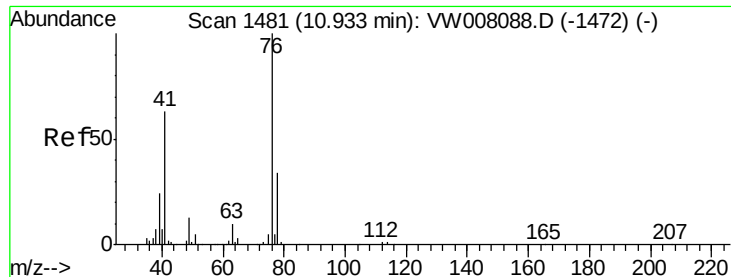
#56
 Ethyl methacrylate
 Concen: 18.265 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion:	69	Resp:	18712
Ion	Ratio	Lower	Upper
69	100		
41	69.1	56.4	84.6
39	36.5	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

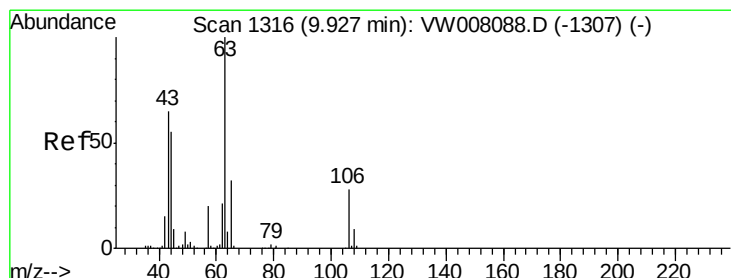
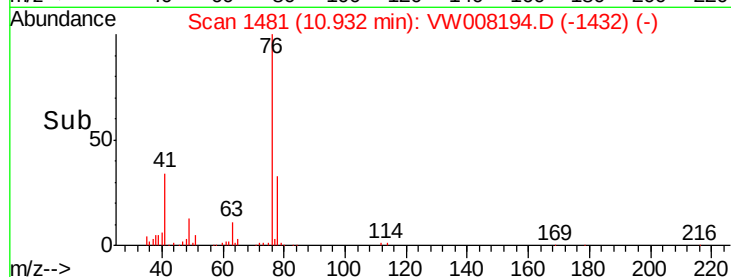
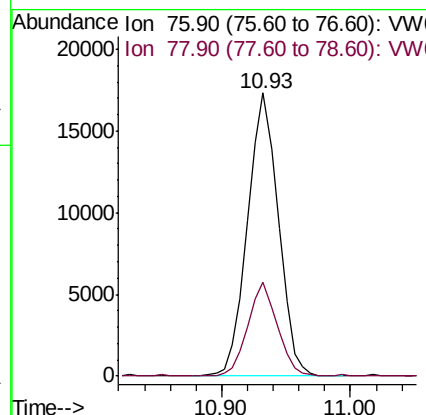
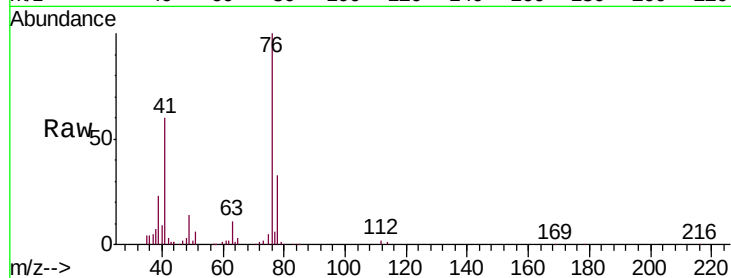




#57
 1,3-Dichloropropane
 Concen: 18.893 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

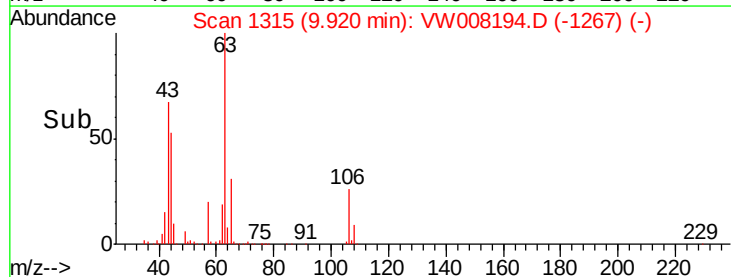
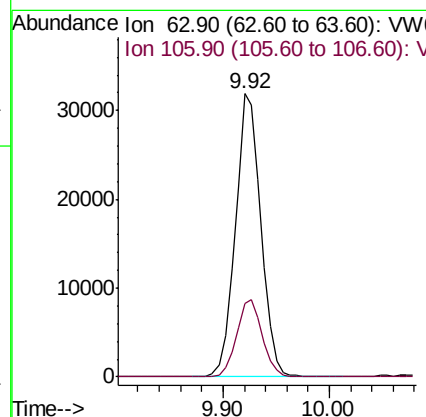
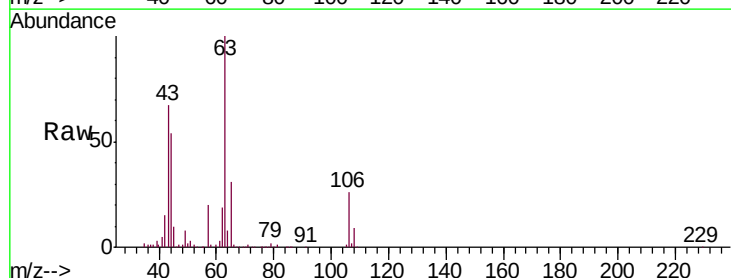
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

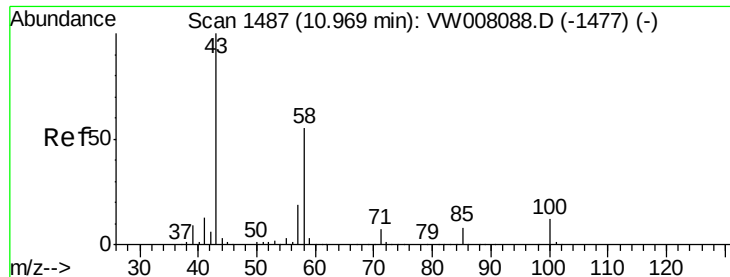
Tgt Ion: 76 Resp: 28584
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.800 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 63 Resp: 53342
 Ion Ratio Lower Upper
 63 100
 106 27.4 21.8 32.6





#59

2-Hexanone

Concen: 94.598 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

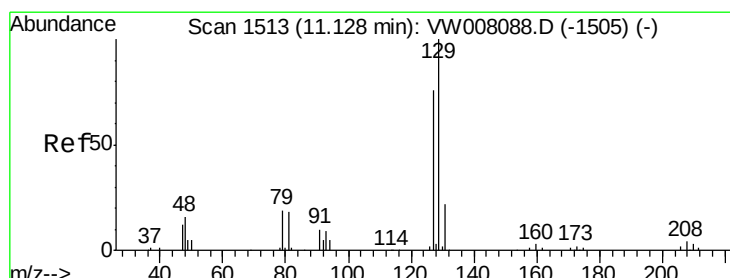
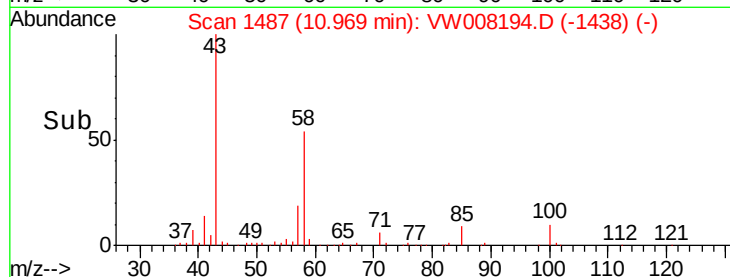
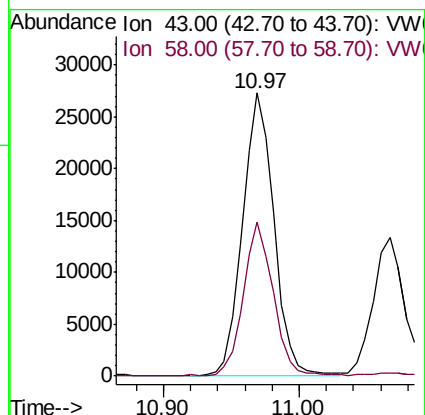
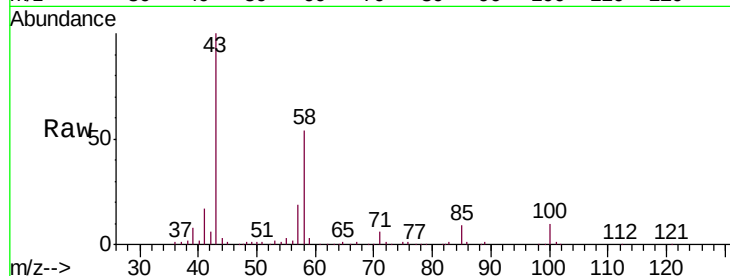
VW0111SBS01

Tgt Ion: 43 Resp: 44249

Ion Ratio Lower Upper

43 100

58 51.1 27.2 81.5



#60

Dibromochloromethane

Concen: 20.491 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW008194.D

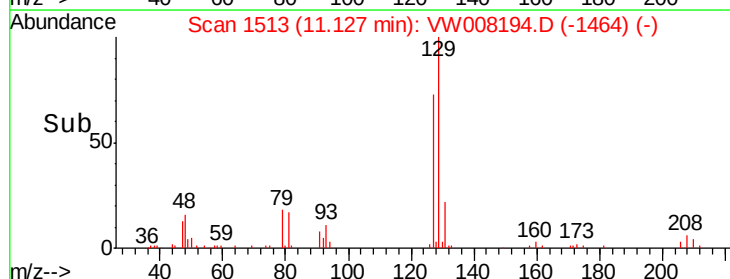
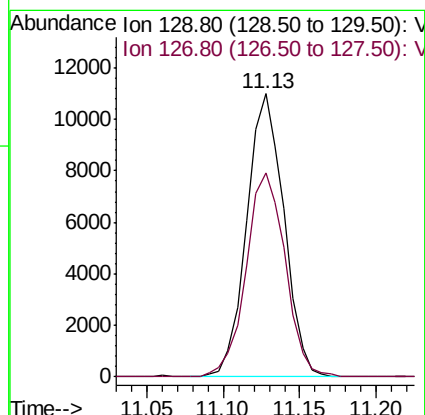
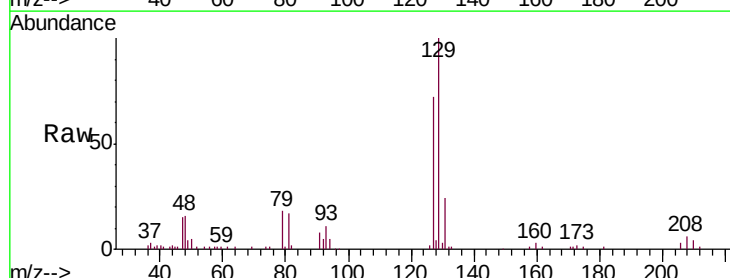
Acq: 11 Jan 2019 15:21

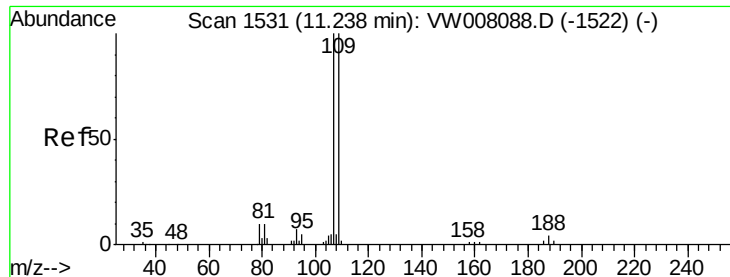
Tgt Ion: 129 Resp: 18614

Ion Ratio Lower Upper

129 100

127 75.7 38.9 116.6

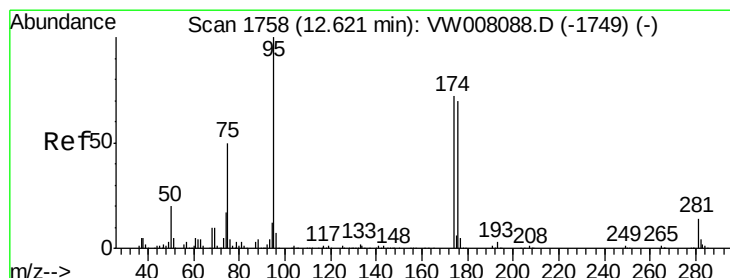
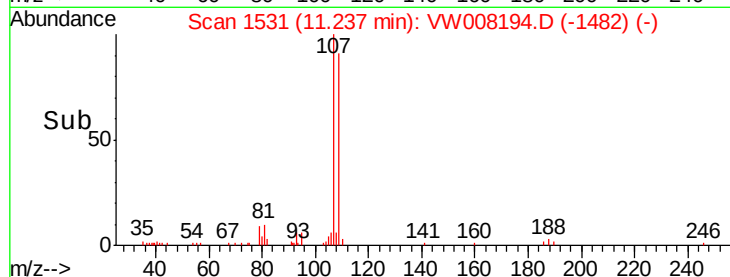
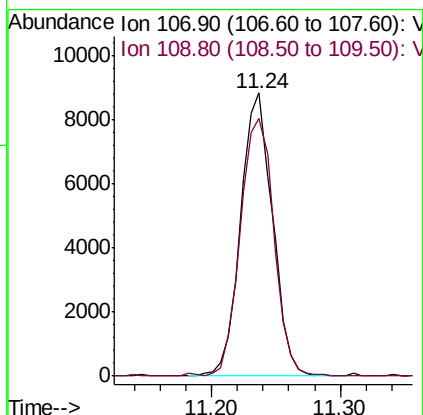
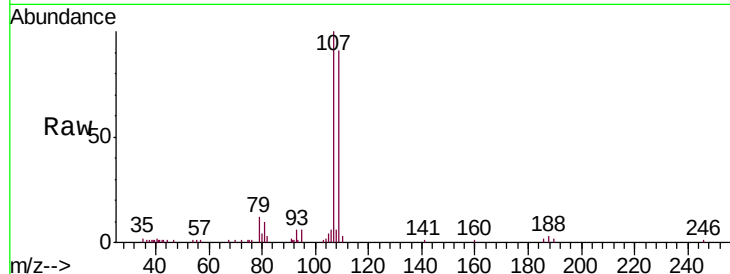




#61
 1,2-Dibromoethane
 Concen: 19.252 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

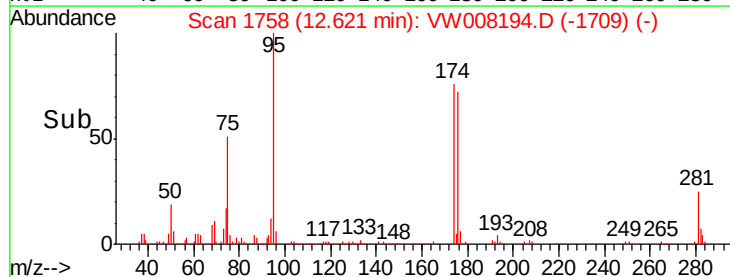
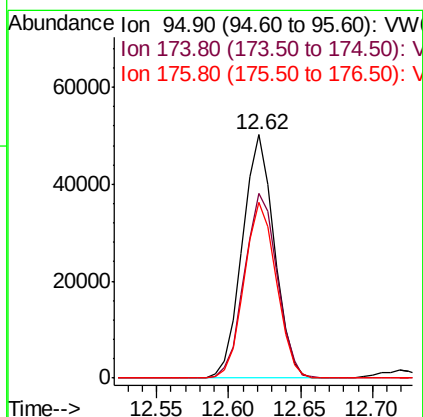
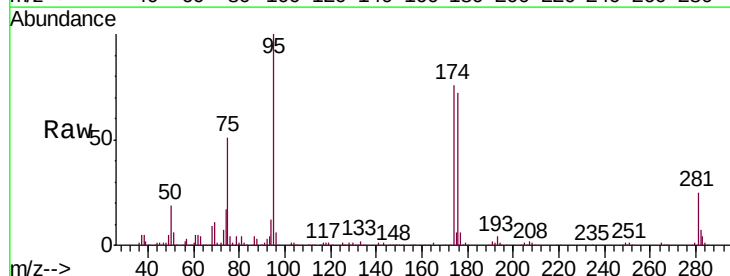
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

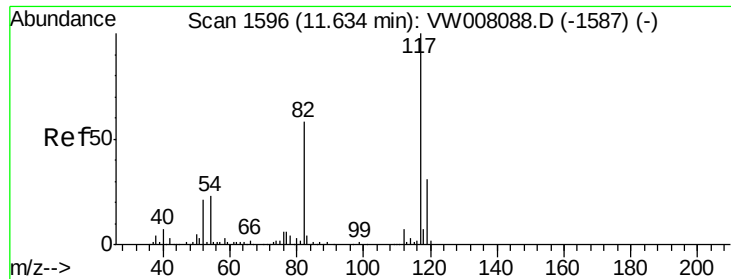
Tgt Ion: 107 Resp: 15112
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.794 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 95 Resp: 77183
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 143.0
 176 72.5 0.0 140.2

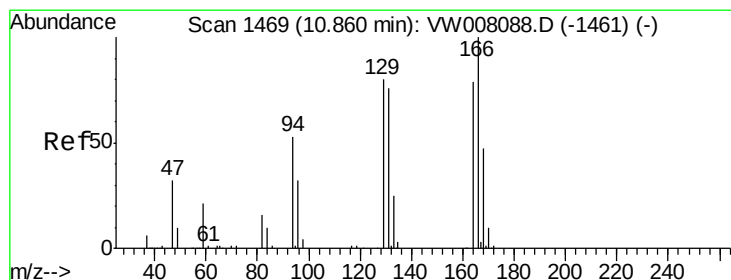
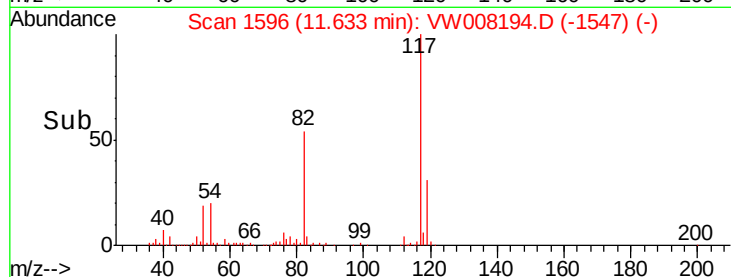
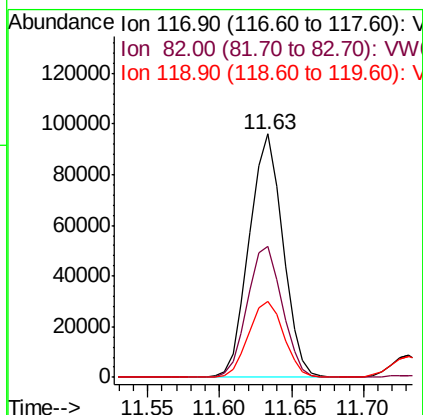
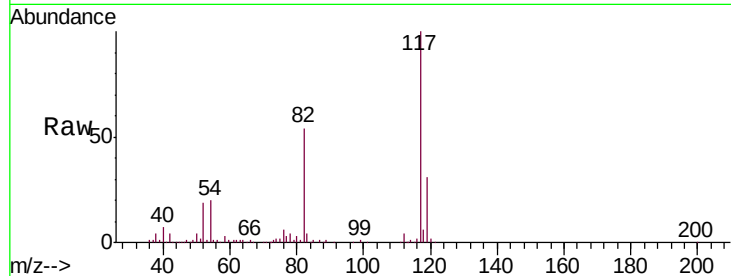




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

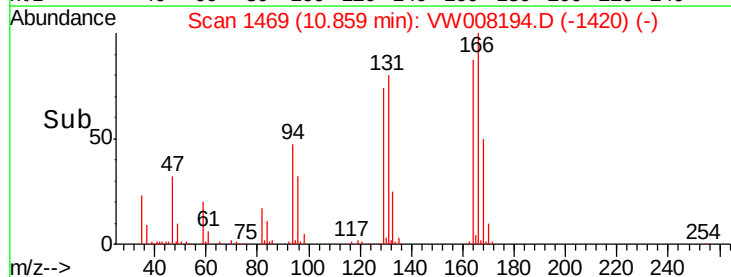
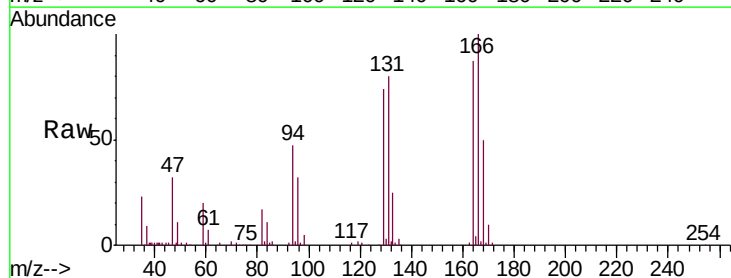
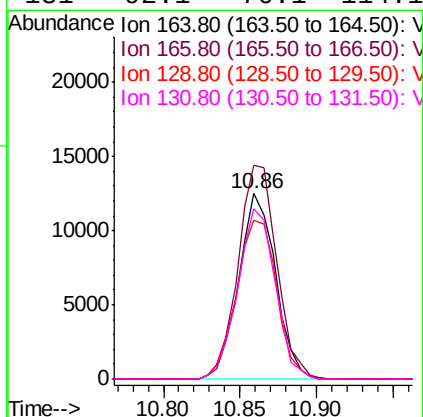
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

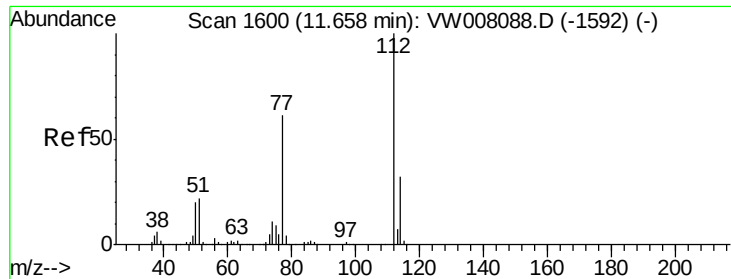
Tgt Ion:117 Resp: 155690
Ion Ratio Lower Upper
117 100
82 54.0 46.4 69.6
119 31.2 24.7 37.1



#64
Tetrachloroethene
Concen: 20.638 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:164 Resp: 20911
Ion Ratio Lower Upper
164 100
166 115.4 100.7 151.1
129 85.5 81.0 121.4
131 92.1 76.1 114.1

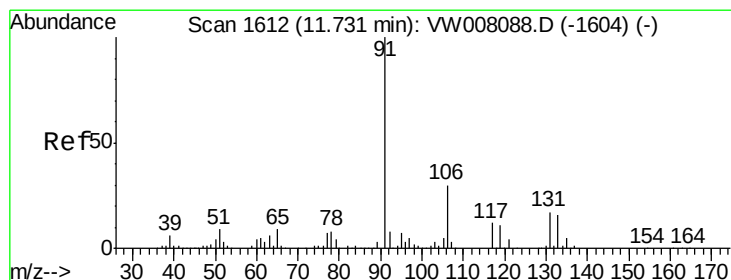
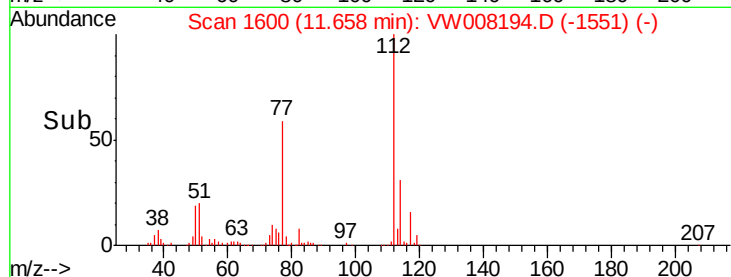
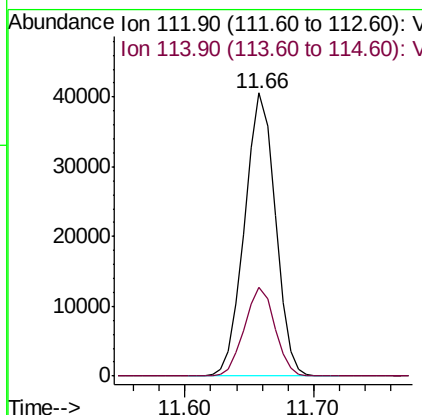
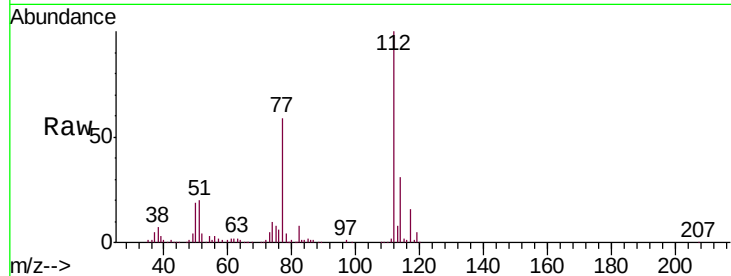




#65
Chlorobenzene
Concen: 20.258 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

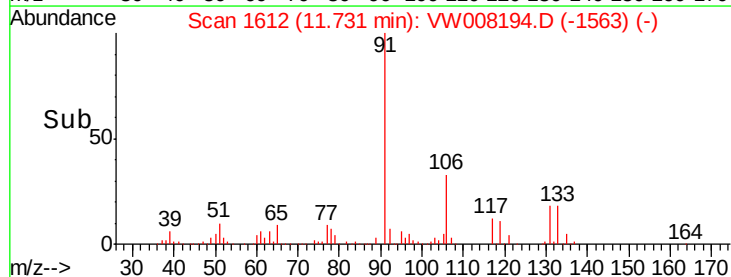
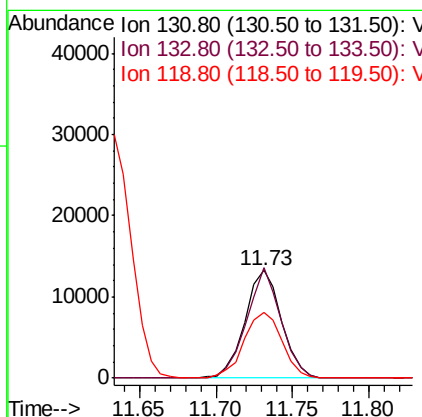
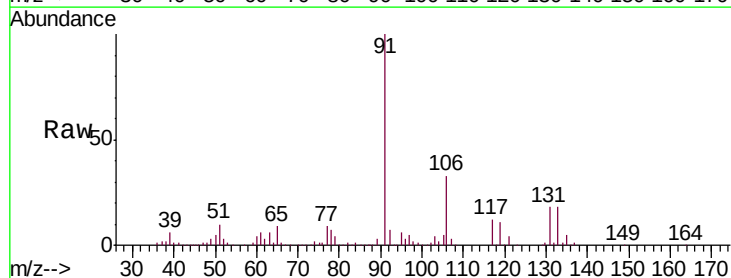
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

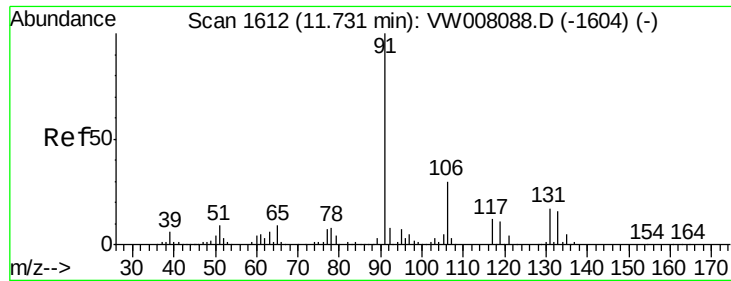
Tgt Ion:112 Resp: 66820
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.523 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:131 Resp: 22017
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 63.6 32.5 97.4

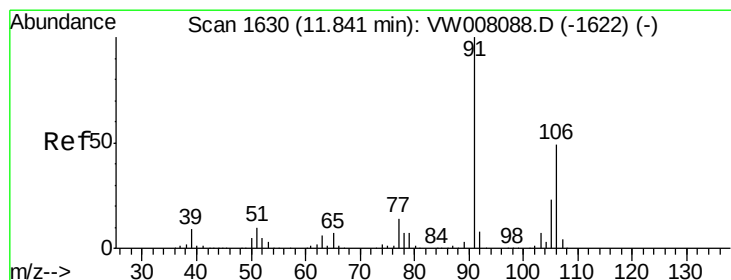
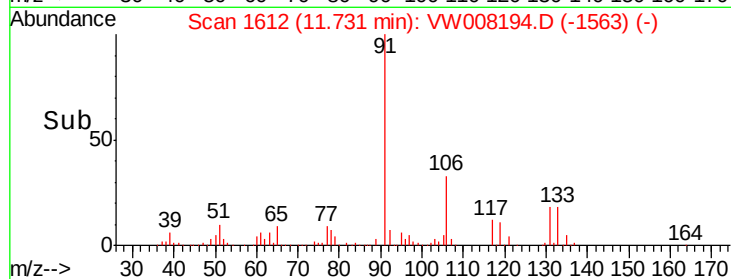
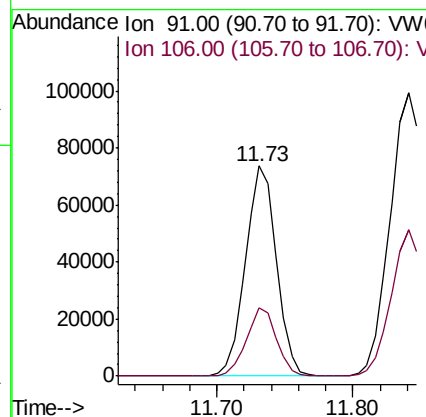
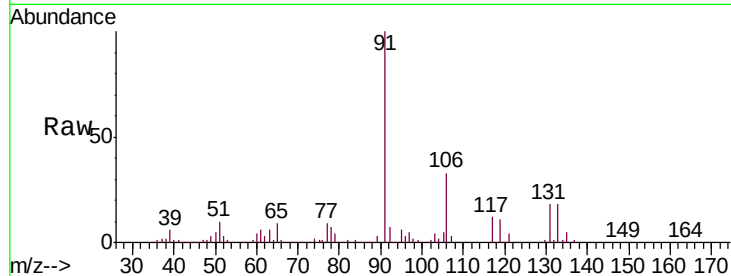




#67
Ethyl Benzene
Concen: 19.448 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

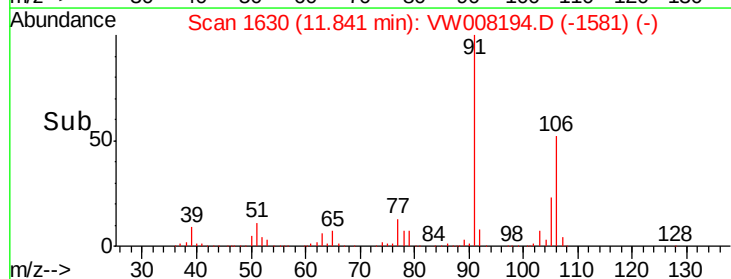
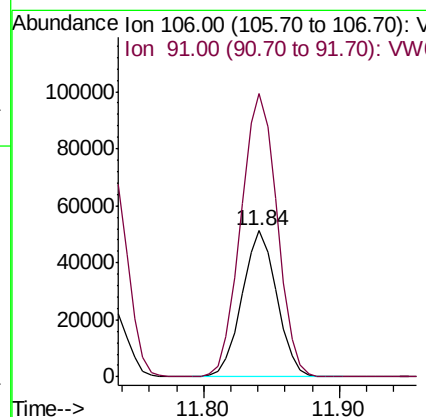
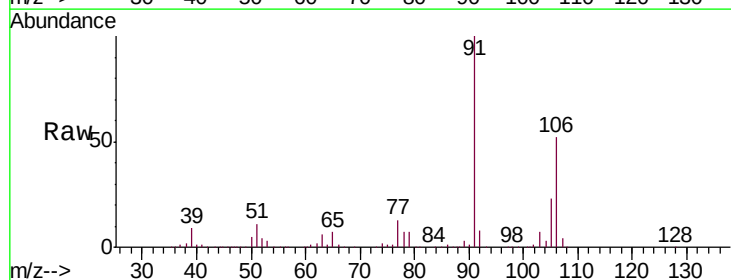
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

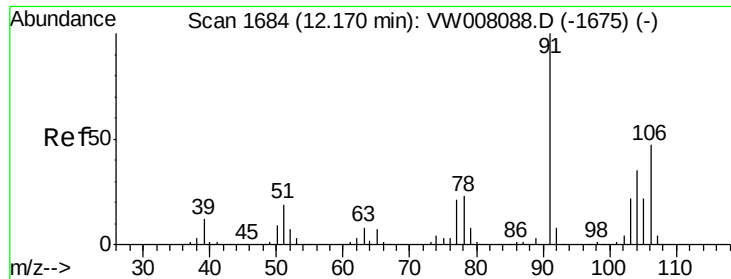
Tgt Ion: 91 Resp: 117375
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4



#68
m/p-Xylenes
Concen: 39.788 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion: 106 Resp: 91654
Ion Ratio Lower Upper
106 100
91 201.6 162.4 243.6

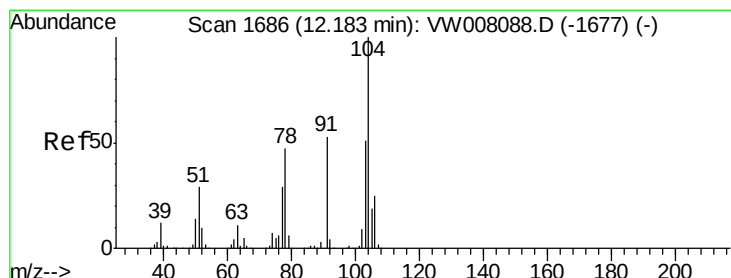
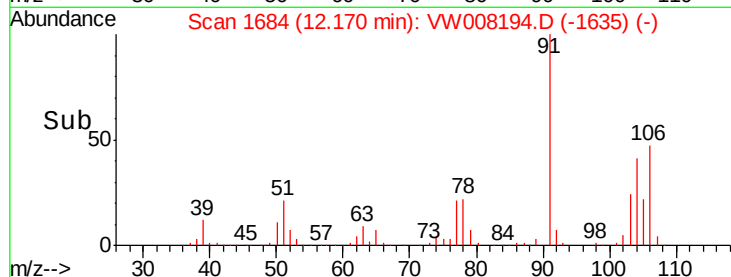
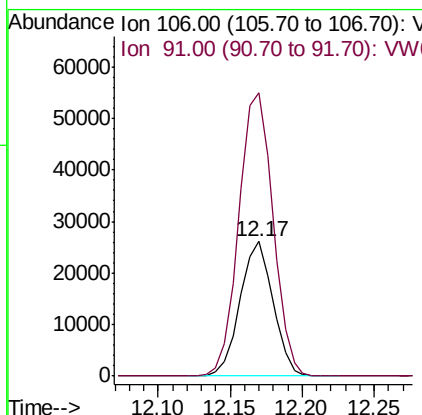
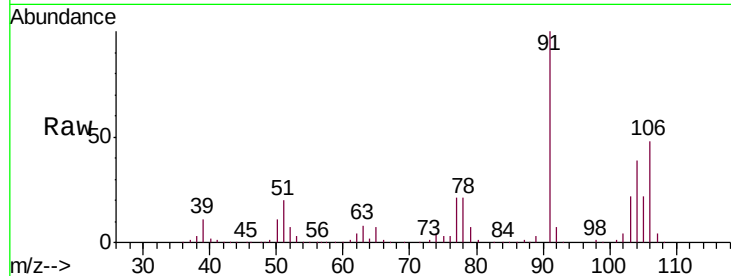




#69
o-Xylene
Concen: 19.465 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

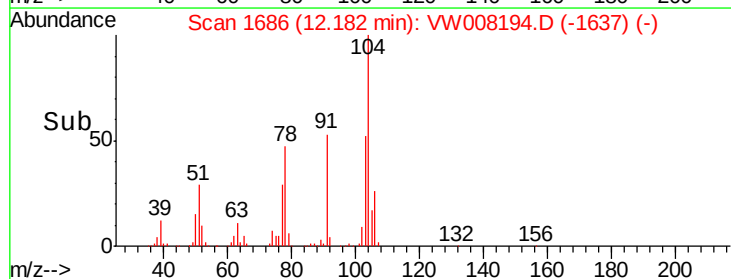
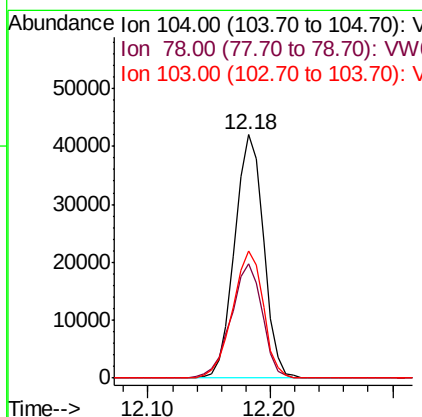
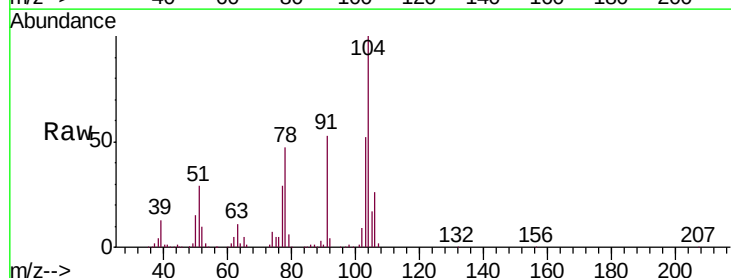
Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

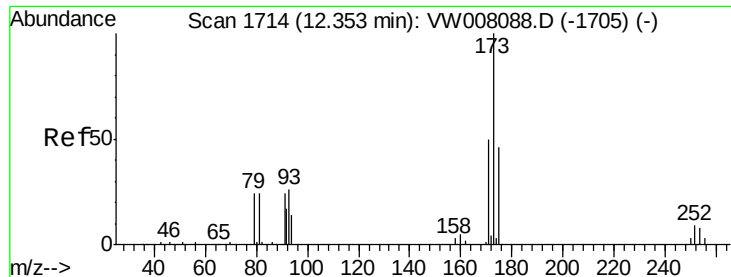
Tgt Ion:106 Resp: 41522
Ion Ratio Lower Upper
106 100
91 218.6 107.8 323.6



#70
Styrene
Concen: 20.582 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:104 Resp: 68770
Ion Ratio Lower Upper
104 100
78 50.6 41.8 62.8
103 55.5 43.8 65.8





#71

Bromoform

Concen: 20.909 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

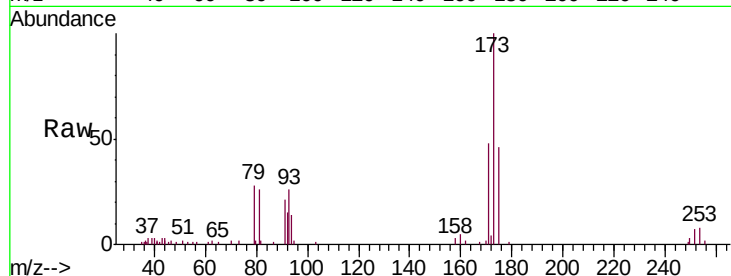
Tgt Ion:173 Resp: 10039

Ion Ratio Lower Upper

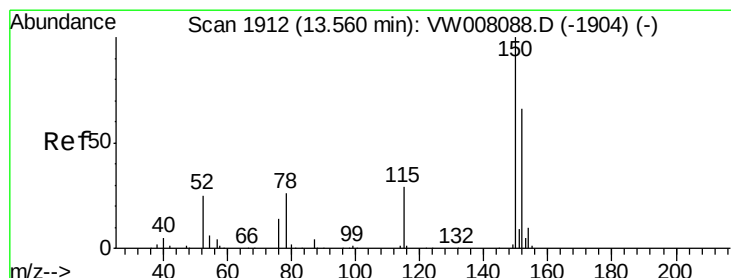
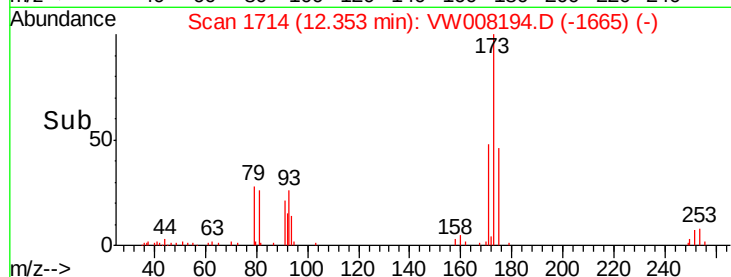
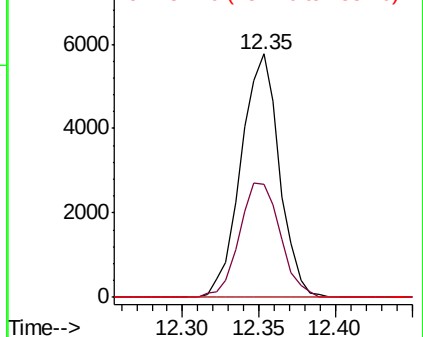
173 100

175 50.1 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: VW008194.D

Acq: 11 Jan 2019 15:21

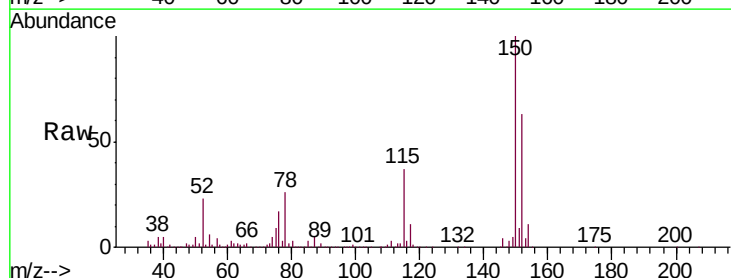
Tgt Ion:152 Resp: 78013

Ion Ratio Lower Upper

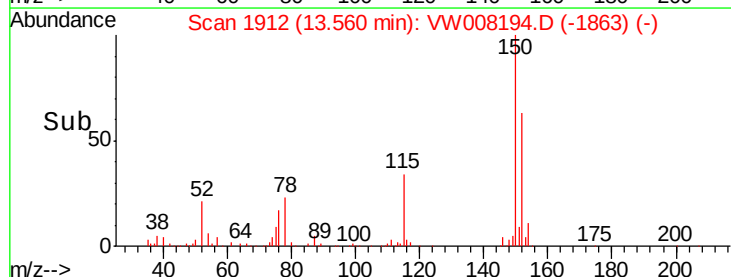
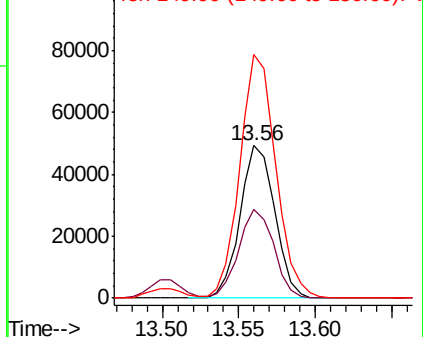
152 100

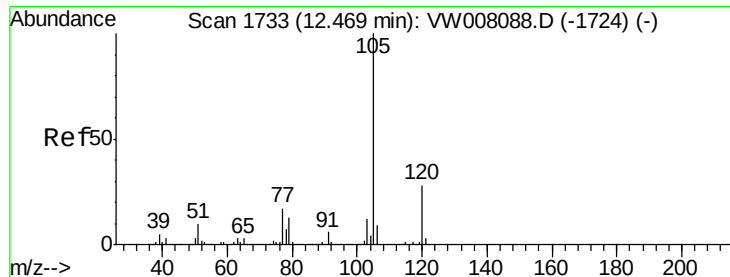
115 58.8 30.8 92.4

150 164.8 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: 19.404 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

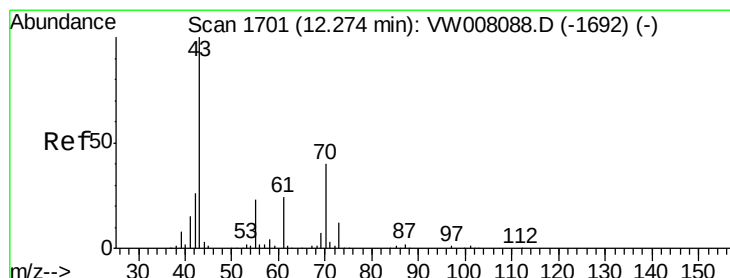
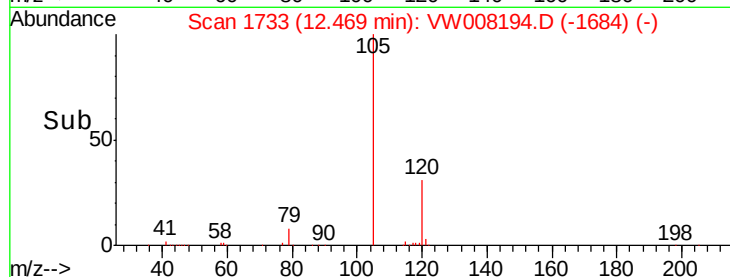
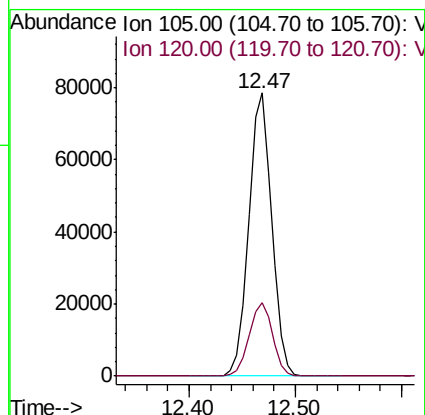
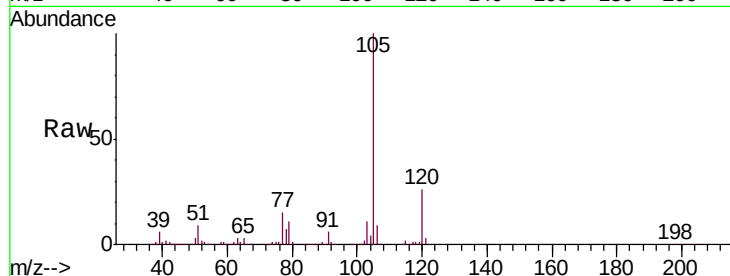
VW0111SBS01

Tgt Ion:105 Resp: 118844

Ion Ratio Lower Upper

105 100

120 26.5 13.6 40.8



#74

N-ethyl acetate

Concen: 16.917 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Tgt Ion: 43 Resp: 22945

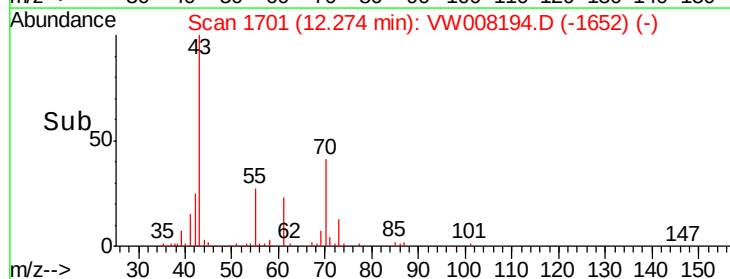
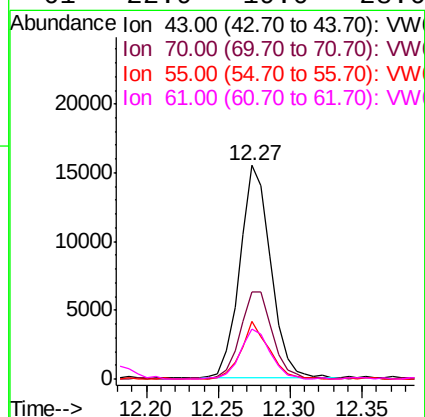
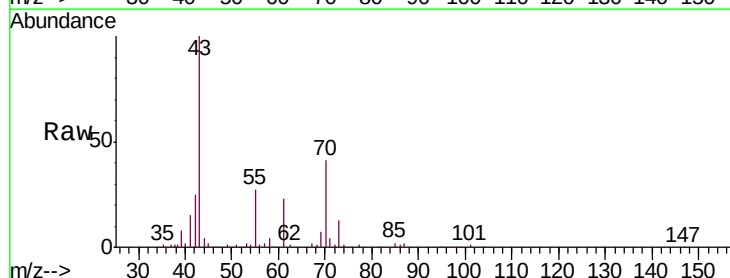
Ion Ratio Lower Upper

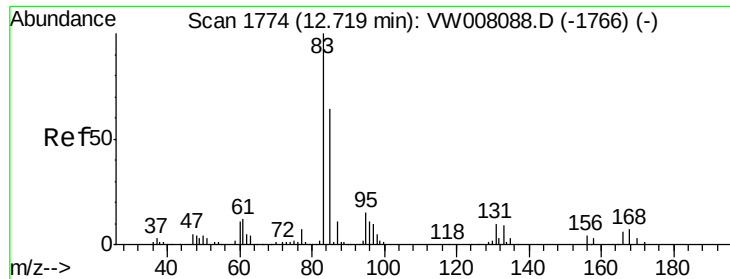
43 100

70 42.8 32.4 48.6

55 24.3 18.7 28.1

61 22.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.539 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

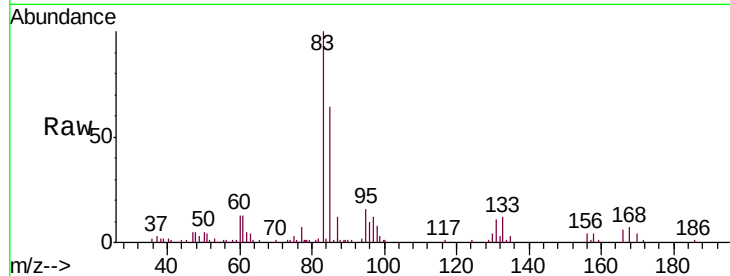
Tgt Ion: 83 Resp: 18175

Ion Ratio Lower Upper

83 100

131 11.4 5.3 16.1

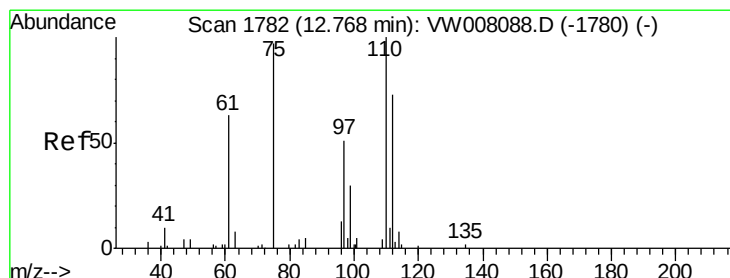
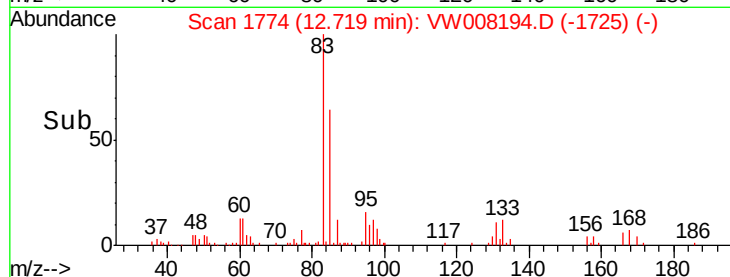
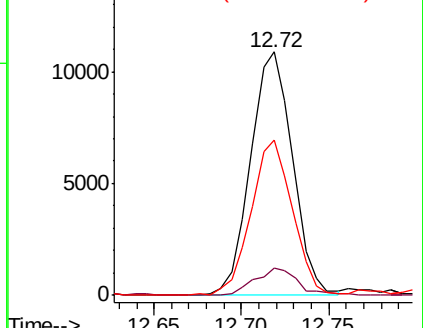
85 62.9 32.4 97.2



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: 33.148 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008194.D

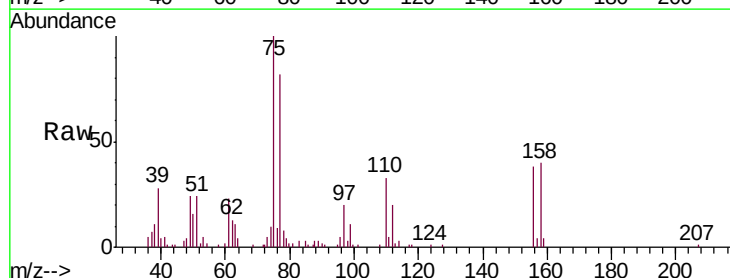
Acq: 11 Jan 2019 15:21

Tgt Ion: 75 Resp: 23574

Ion Ratio Lower Upper

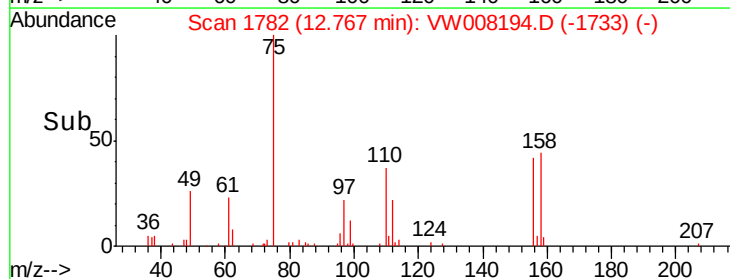
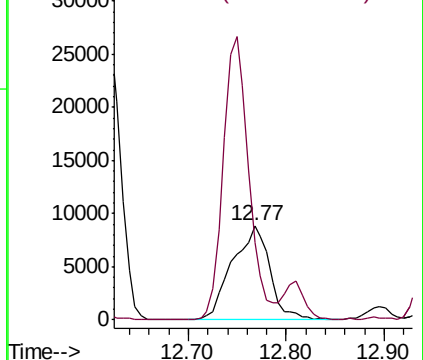
75 100

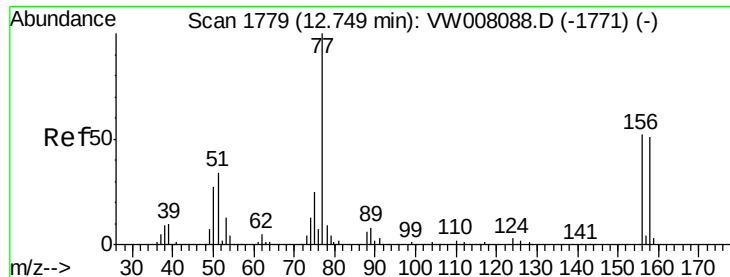
77 205.1 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 19.052 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

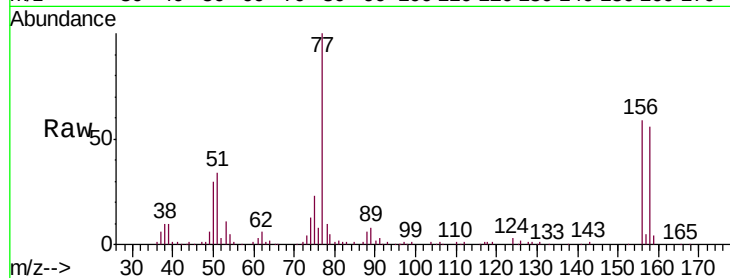
Tgt Ion:156 Resp: 24656

Ion Ratio Lower Upper

156 100

77 196.1 104.2 312.5

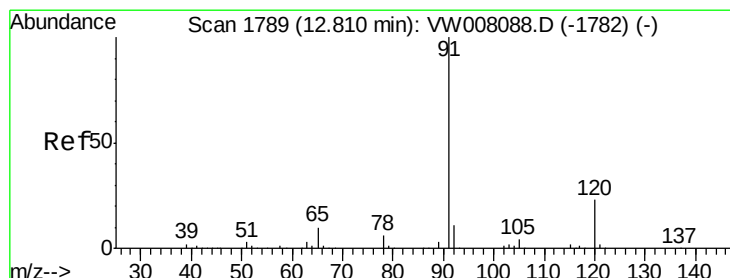
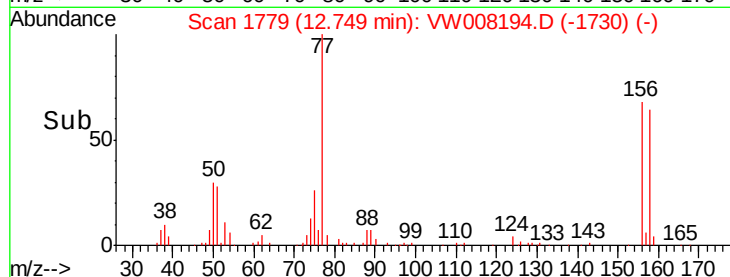
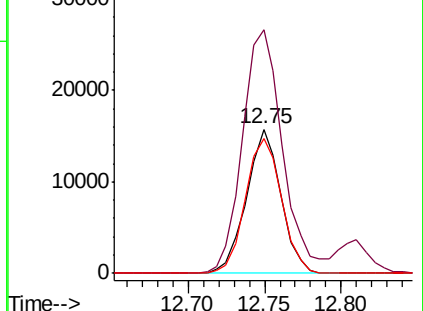
158 98.3 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.161 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008194.D

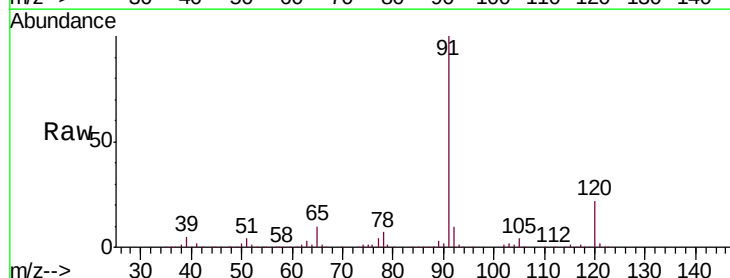
Acq: 11 Jan 2019 15:21

Tgt Ion: 91 Resp: 143798

Ion Ratio Lower Upper

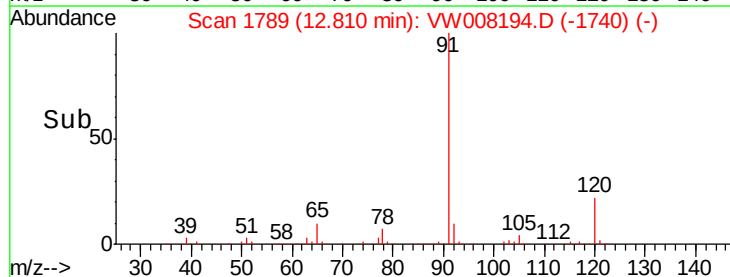
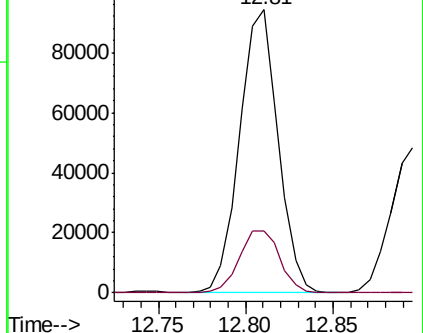
91 100

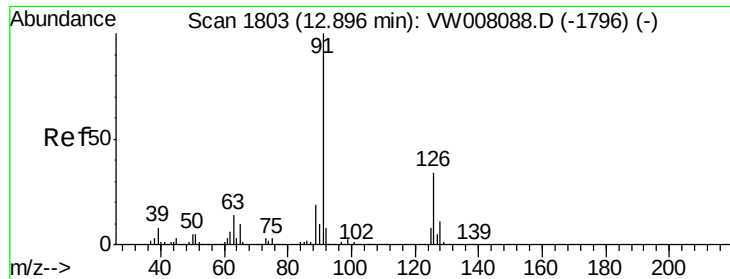
120 23.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

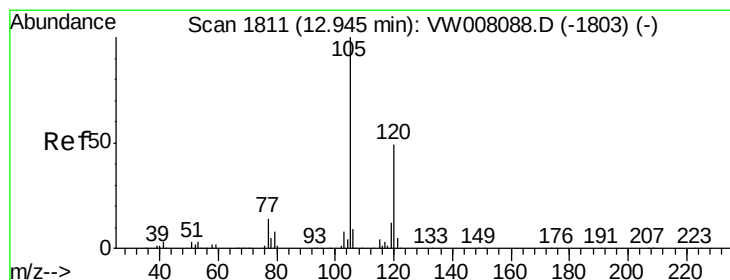
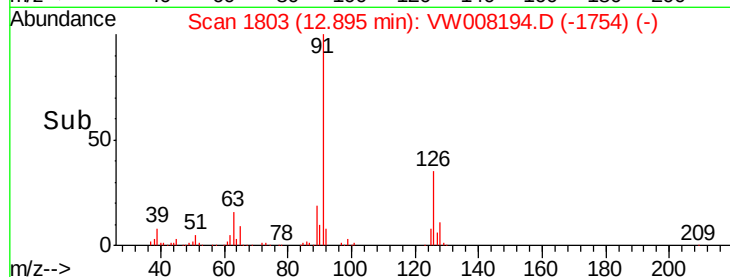
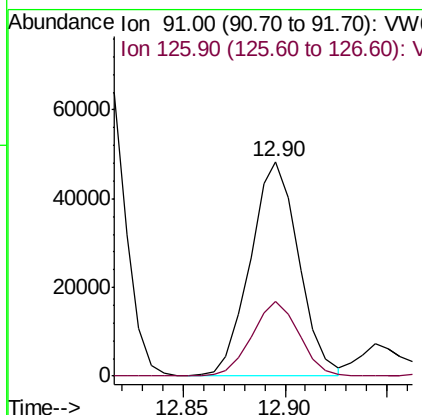
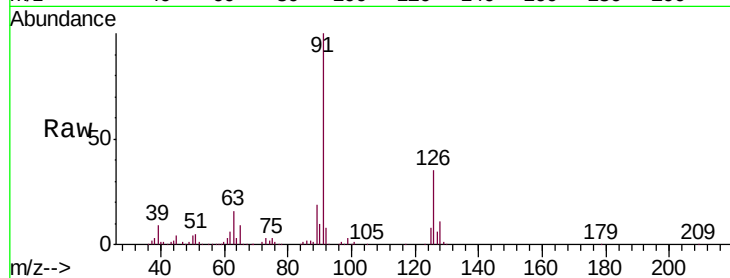




#79
 2-Chlorotoluene
 Concen: 18.975 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

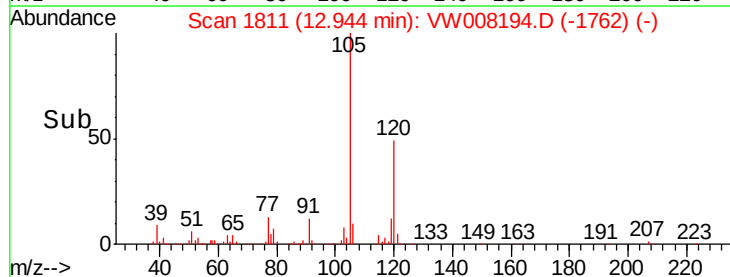
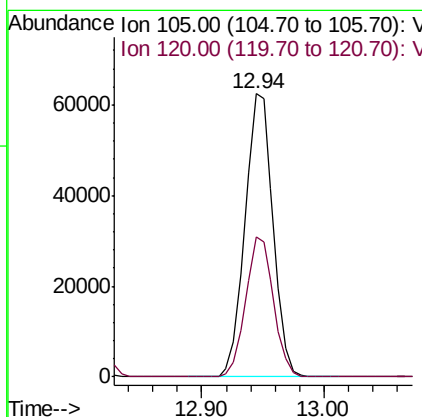
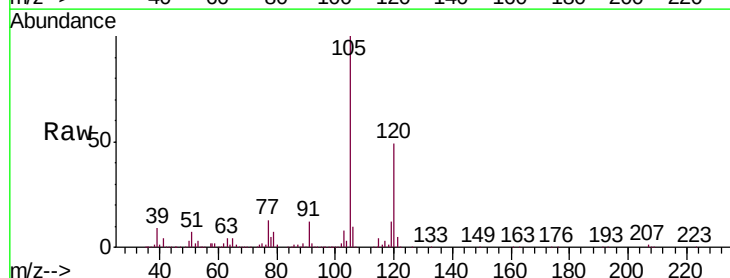
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

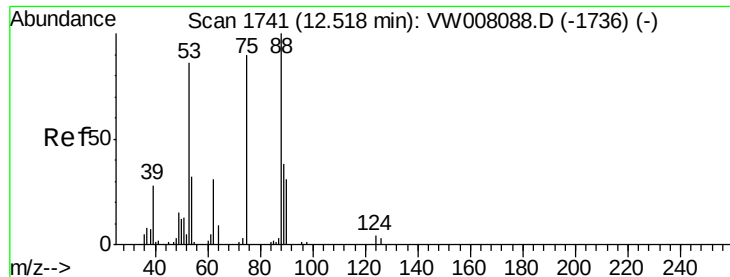
Tgt Ion: 91 Resp: 79447
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.721 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 105 Resp: 99258
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 17.892 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

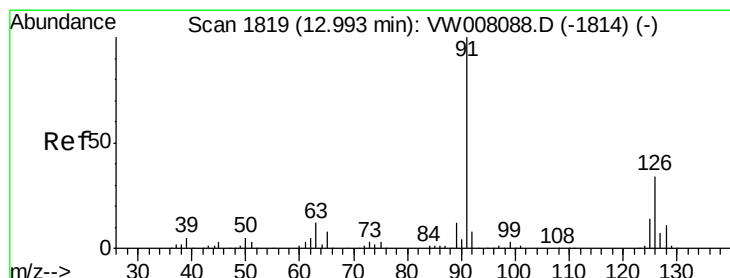
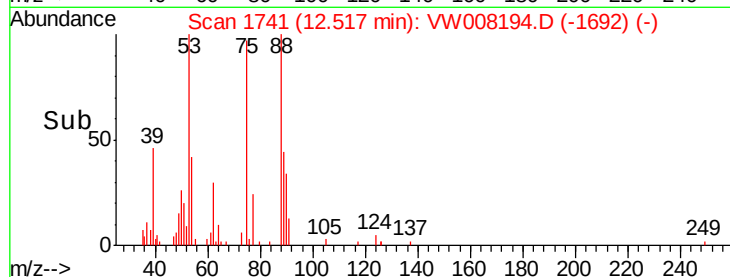
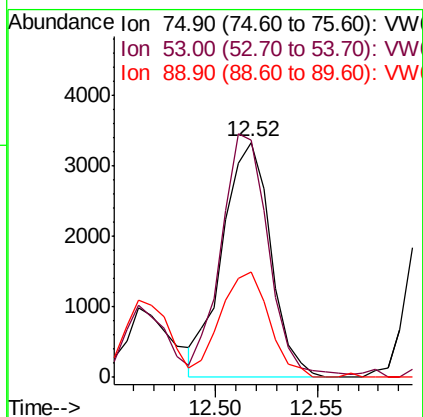
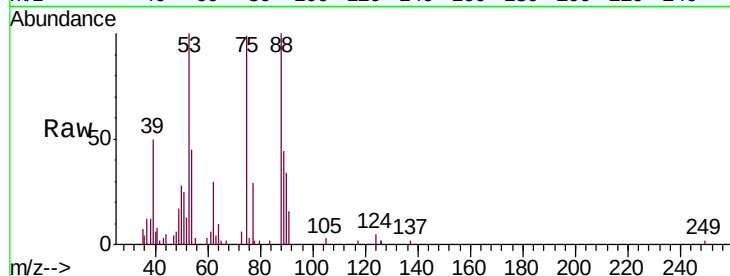
Tgt Ion: 75 Resp: 5464

Ion Ratio Lower Upper

75 100

53 97.8 78.8 118.2

89 45.7 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.270 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW008194.D

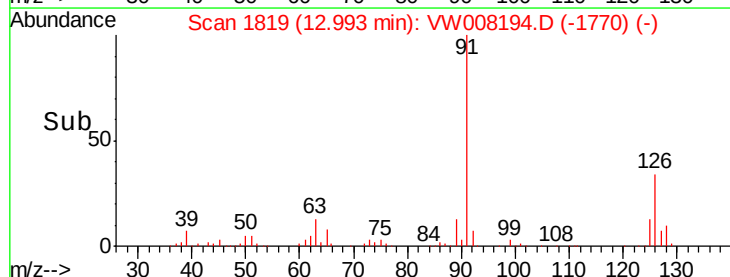
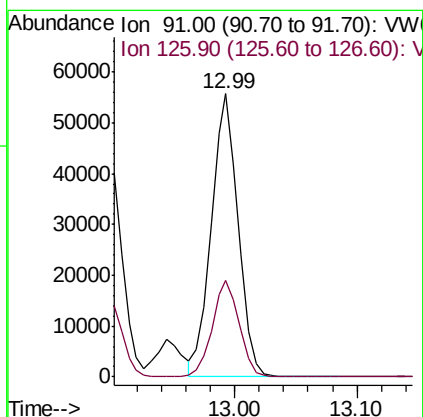
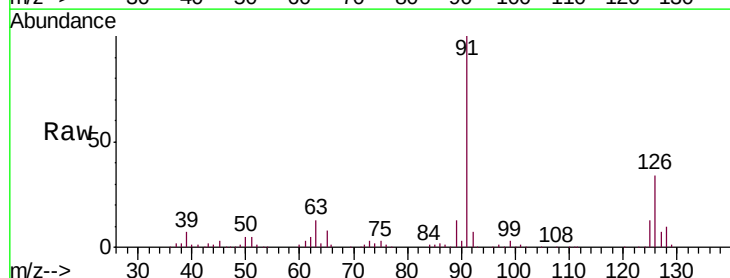
Acq: 11 Jan 2019 15:21

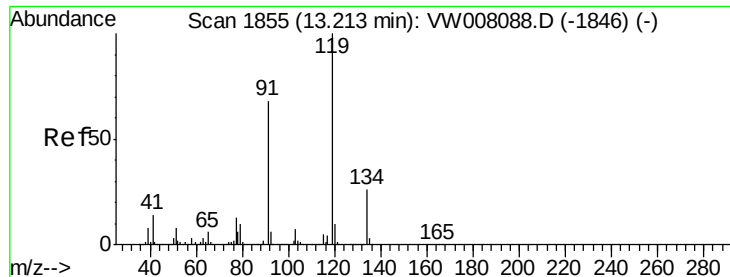
Tgt Ion: 91 Resp: 84973

Ion Ratio Lower Upper

91 100

126 34.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.228 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

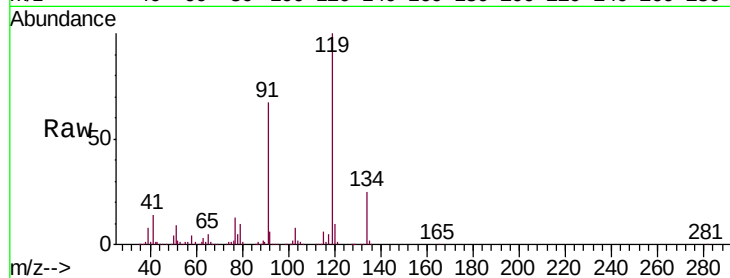
Tgt Ion:119 Resp: 85617

Ion Ratio Lower Upper

119 100

91 67.2 33.9 101.6

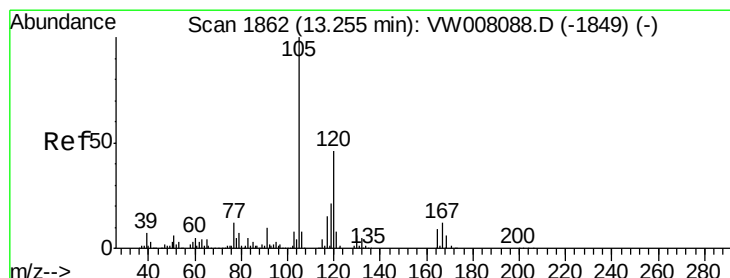
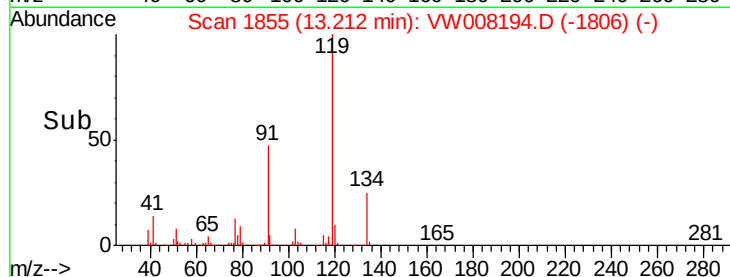
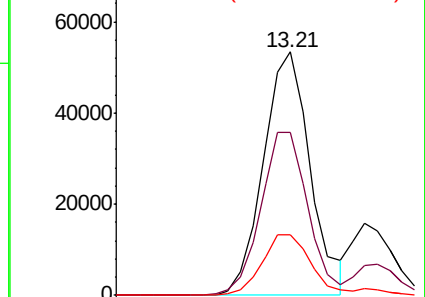
134 26.1 13.6 40.8



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: 19.271 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. -0.00 min

Lab File: VW008194.D

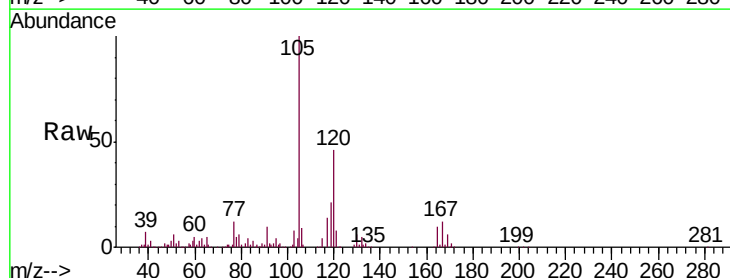
Acq: 11 Jan 2019 15:21

Tgt Ion:105 Resp: 100036

Ion Ratio Lower Upper

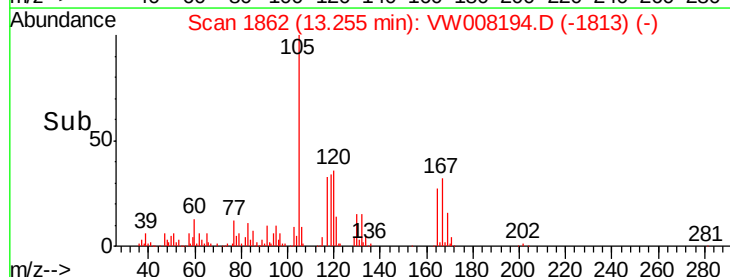
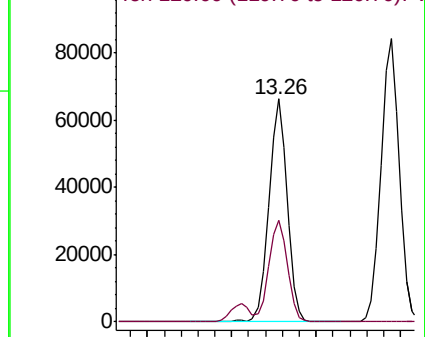
105 100

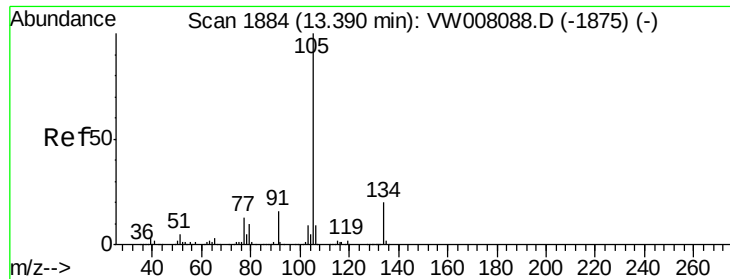
120 46.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

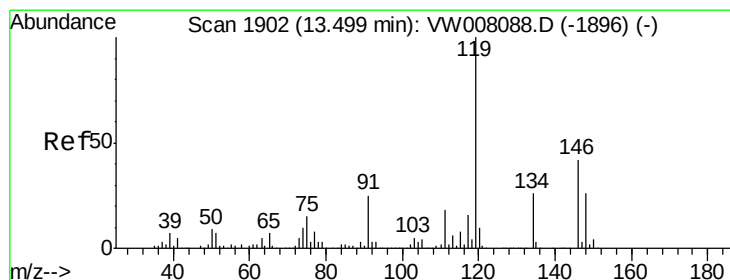
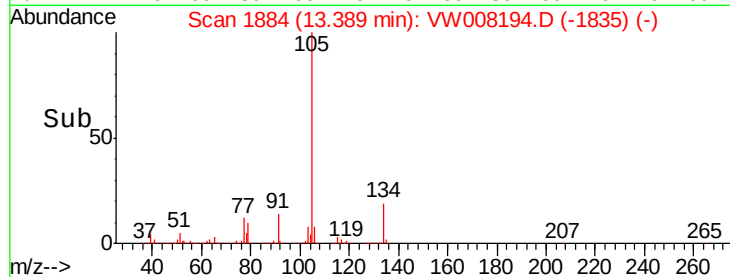
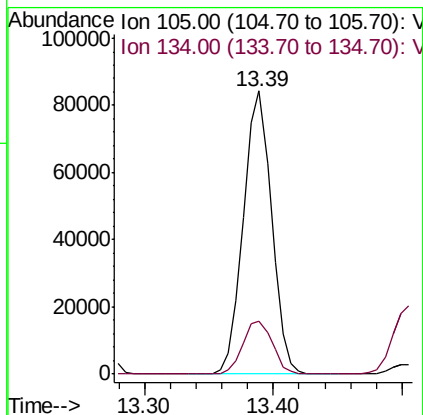
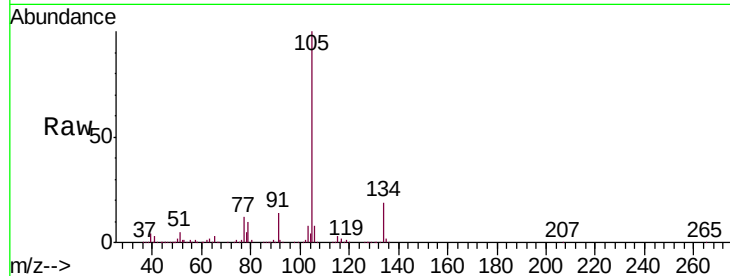




#85
 sec-Butylbenzene
 Concen: 19.497 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

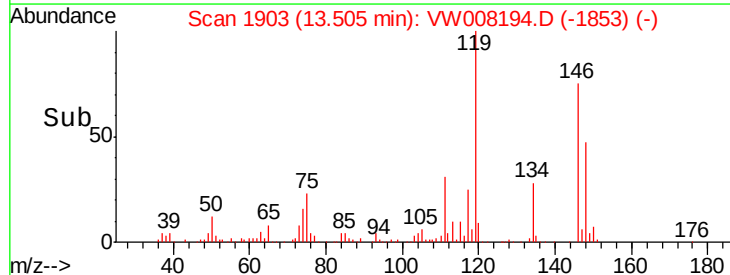
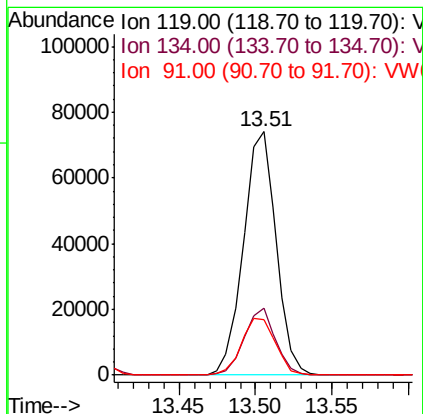
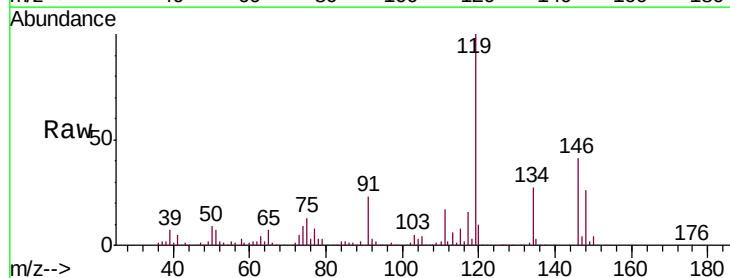
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

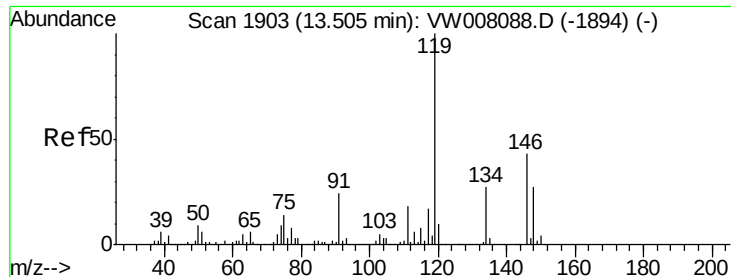
Tgt Ion:105 Resp: 127170
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.480 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion:119 Resp: 109720
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 24.4 12.3 36.9

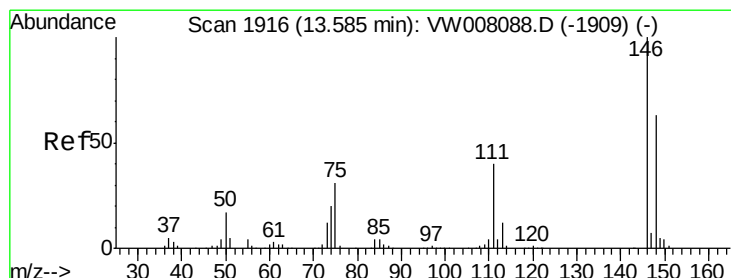
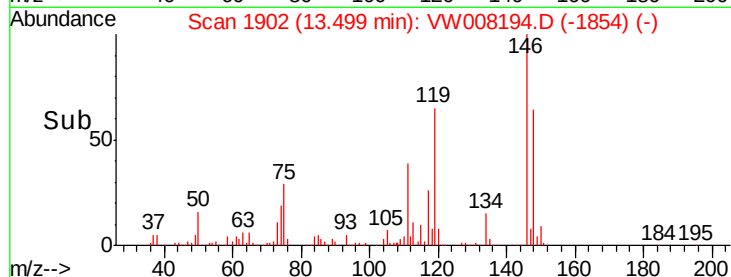
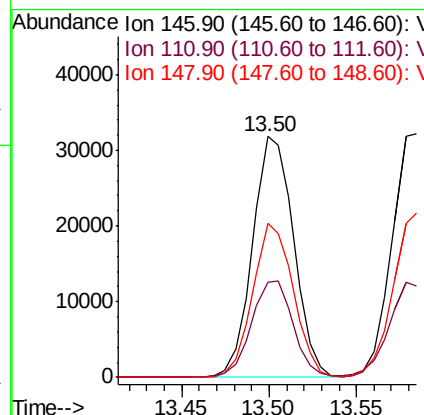
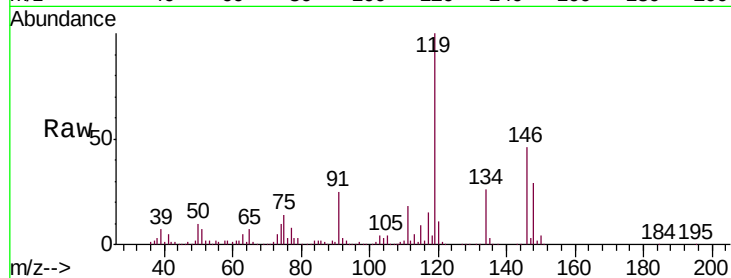




#87
 1,3-Dichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

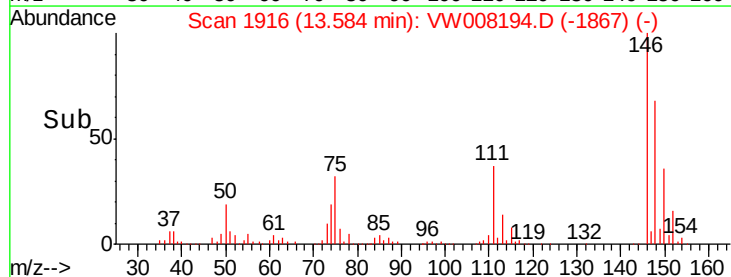
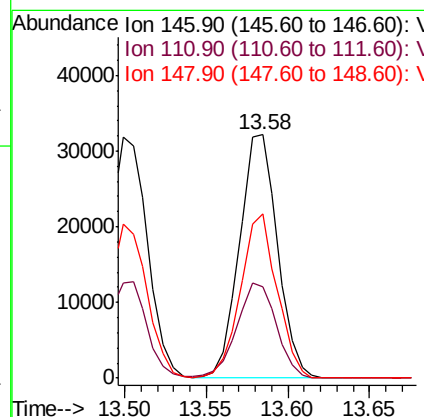
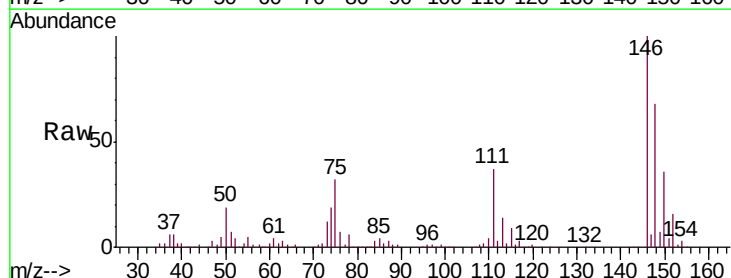
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

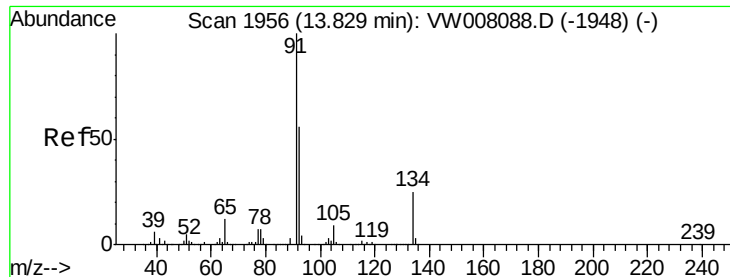
Tgt Ion:146 Resp: 52006
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.1 63.1
 148 63.1 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.855 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion:146 Resp: 52295
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.5 61.5
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 19.596 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008194.D

Acq: 11 Jan 2019 15:21

Instrument :

MSVOA_W

ClientSampleId :

VW0111SBS01

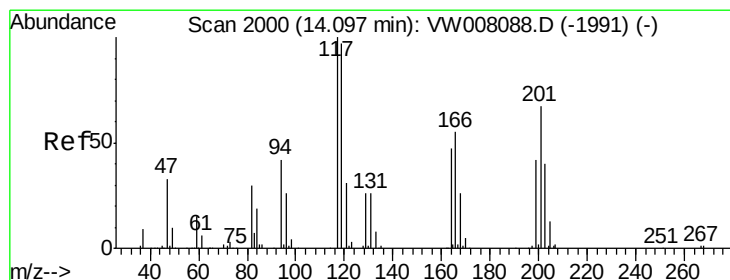
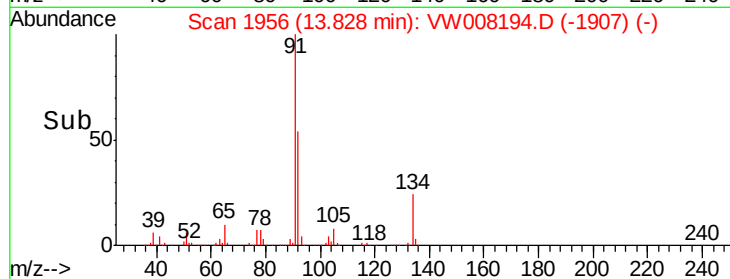
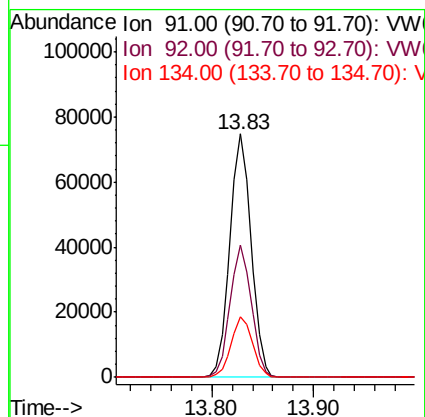
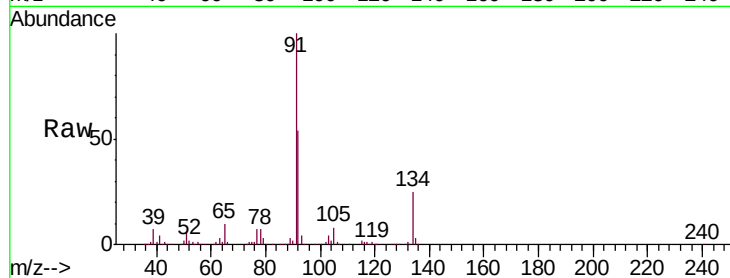
Tgt Ion: 91 Resp: 108102

Ion Ratio Lower Upper

91 100

92 54.0 27.4 82.2

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 19.728 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008194.D

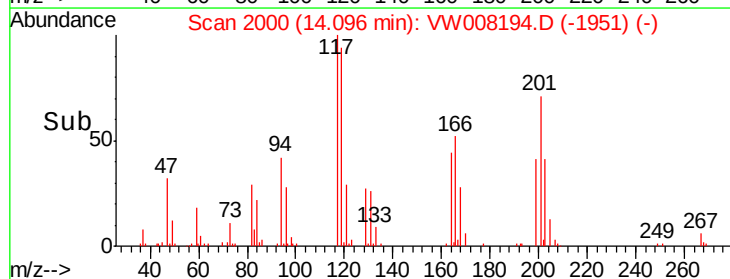
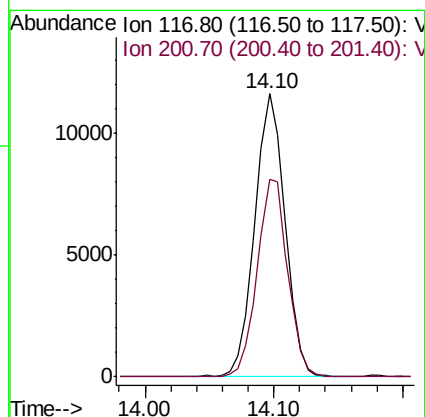
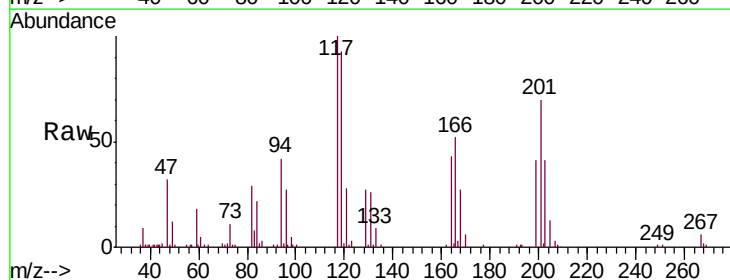
Acq: 11 Jan 2019 15:21

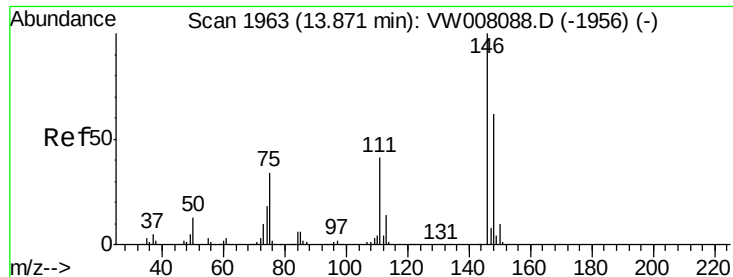
Tgt Ion: 117 Resp: 18768

Ion Ratio Lower Upper

117 100

201 70.5 33.0 98.9

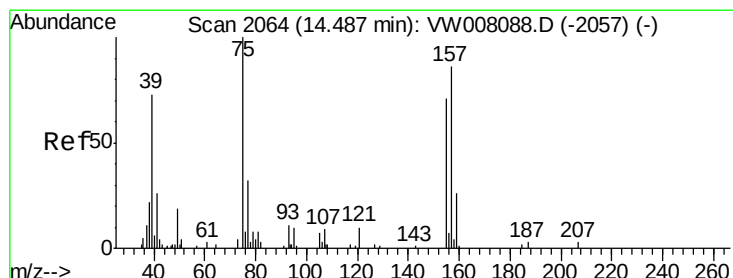
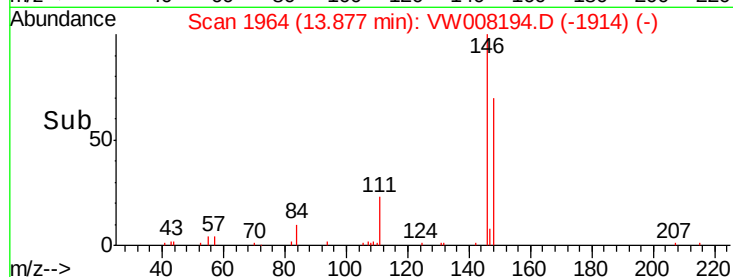
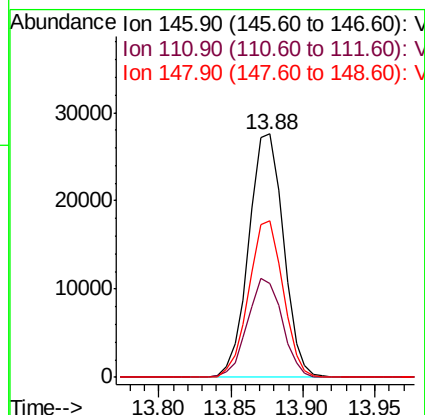
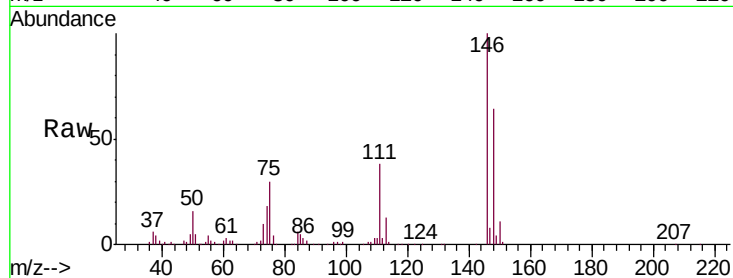




#91
 1,2-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

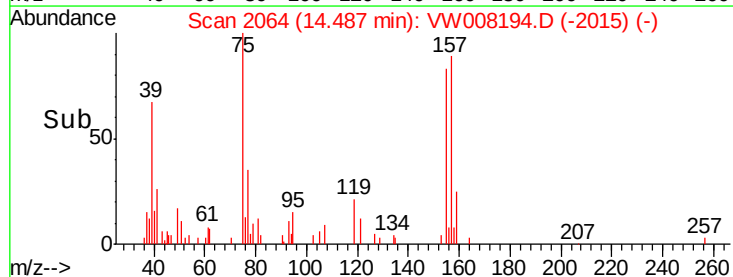
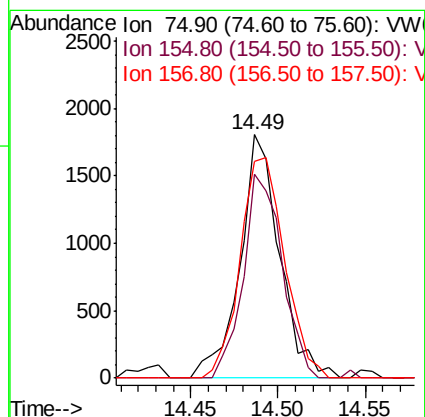
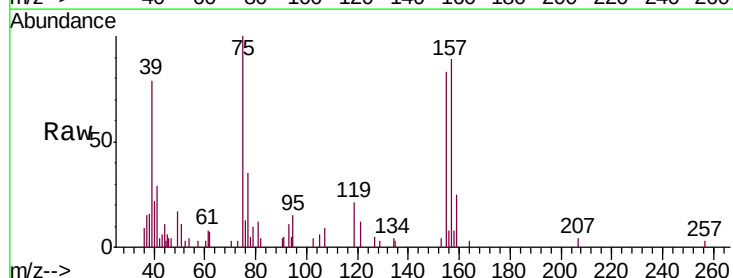
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

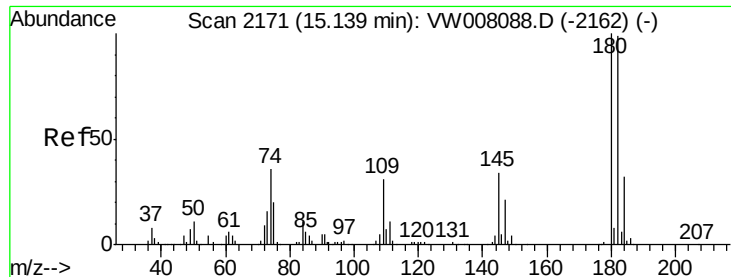
Tgt Ion:146 Resp: 46041
 Ion Ratio Lower Upper
 146 100
 111 40.8 21.3 63.7
 148 63.5 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.058 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion: 75 Resp: 2849
 Ion Ratio Lower Upper
 75 100
 155 81.9 38.6 115.7
 157 101.7 47.5 142.6

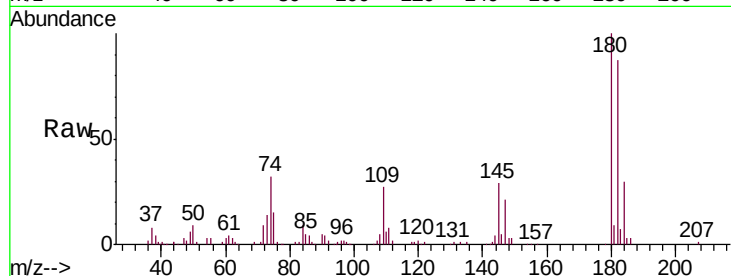




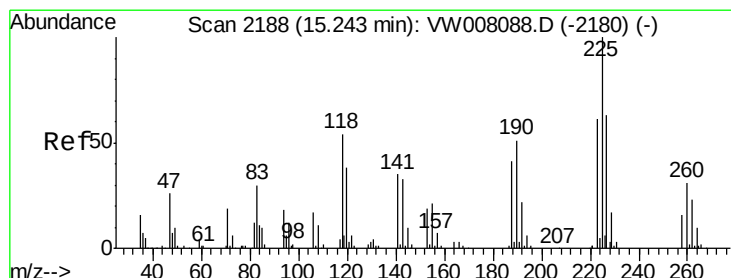
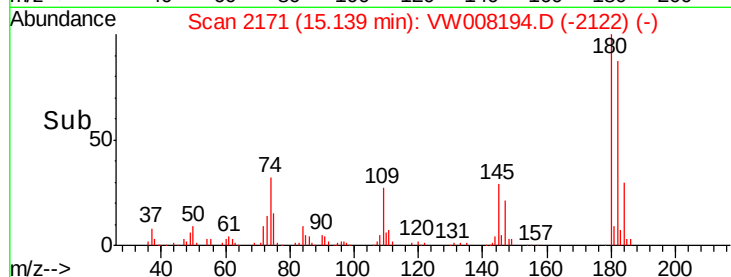
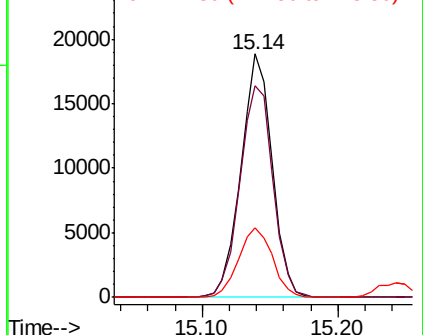
#93
 1,2,4-Trichlorobenzene
 Concen: 19.721 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0111SBS01

Tgt Ion:180 Resp: 30208
 Ion Ratio Lower Upper
 180 100
 182 92.2 48.6 145.9
 145 30.8 16.6 49.7

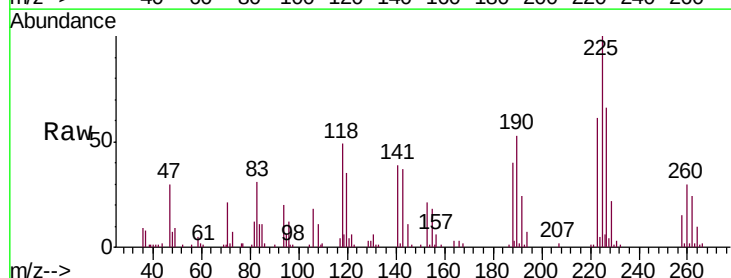


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

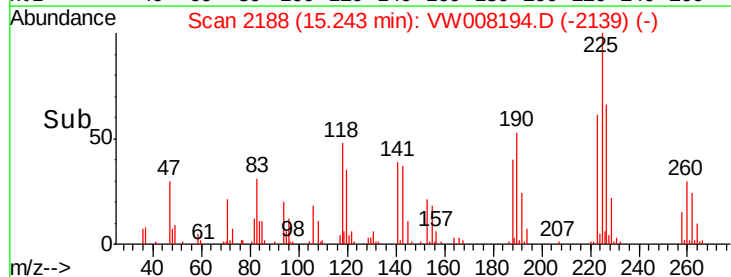
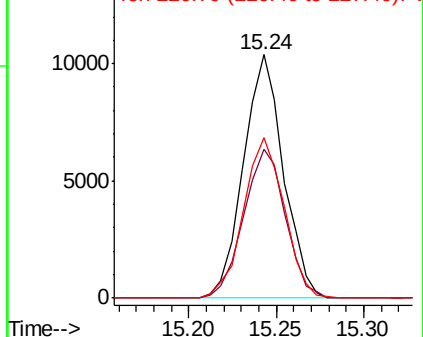


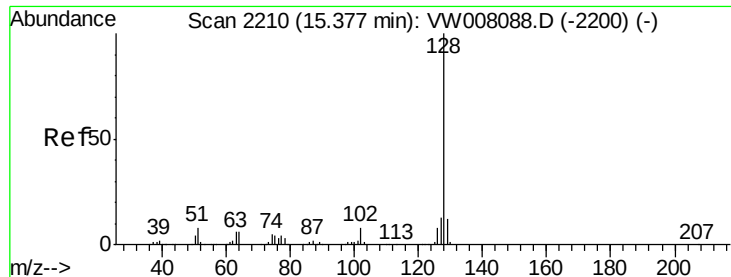
#94
 Hexachlorobutadiene
 Concen: 20.067 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008194.D
 Acq: 11 Jan 2019 15:21

Tgt Ion:225 Resp: 16452
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.3
 227 66.9 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

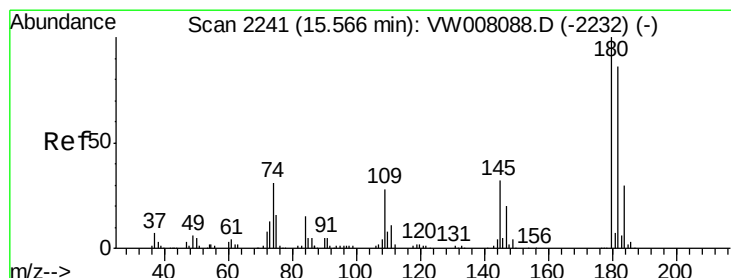
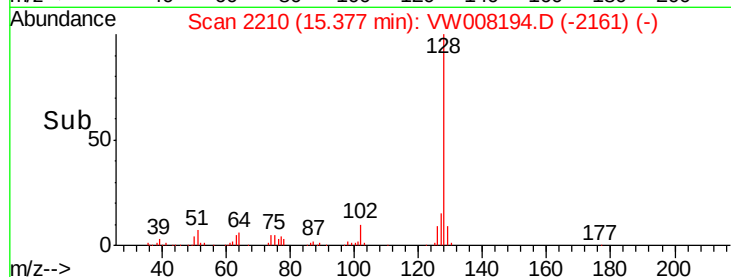
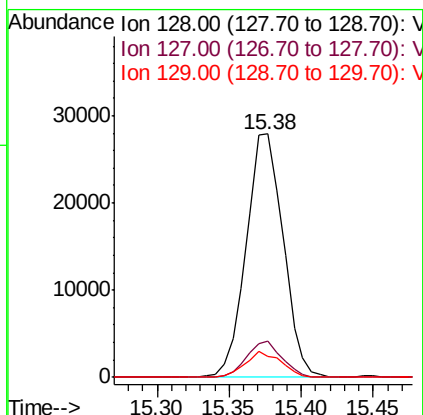
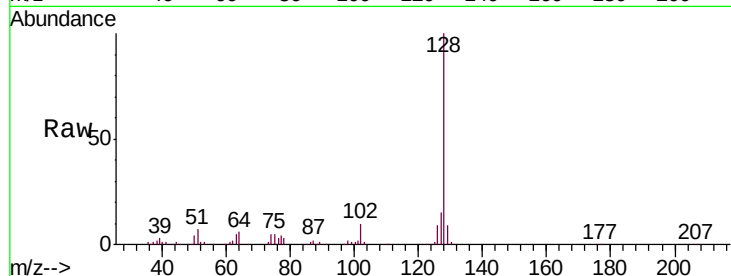




#95
Naphthalene
Concen: 17.340 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Instrument :
MSVOA_W
ClientSampleId :
VW0111SBS01

Tgt Ion:128 Resp: 49594
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 10.3 9.0 13.6



#96
1,2,3-Trichlorobenzene
Concen: 19.346 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008194.D
Acq: 11 Jan 2019 15:21

Tgt Ion:180 Resp: 25262
Ion Ratio Lower Upper
180 100
182 94.0 46.5 139.3
145 33.5 17.4 52.2

