

Data File : VW008168.D
Acq On : 11 Jan 2019 01:34
Operator : SY/AP
Sample : VW0110SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Quant Time: Jan 11 05:20:03 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	87725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	161797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	150962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	73959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	54679	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	
35) Dibromofluoromethane	7.88	113	51692	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
50) Toluene-d8	10.32	98	209369	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	73913	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12819	17.905	ug/l	91
3) Chloromethane	2.21	50	18622	20.049	ug/l	97
4) Vinyl Chloride	2.37	62	23757	19.597	ug/l	91
5) Bromomethane	2.78	94	21520	23.697	ug/l	92
6) Chloroethane	2.92	64	15992	17.531	ug/l	99
7) Trichlorofluoromethane	3.26	101	16688	16.933	ug/l	94
8) Diethyl Ether	3.68	74	12560	22.543	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.07	101	19473	19.901	ug/l	98
10) Methyl Iodide	4.26	142	30680	21.513	ug/l	100
11) Tert butyl alcohol	5.20	59	7860	115.491	ug/l #	100
12) 1,1-Dichloroethene	4.04	96	19759	20.568	ug/l	91
13) Acrolein	3.90	56	5923	89.272	ug/l	99
14) Allyl chloride	4.67	41	36692	21.036	ug/l	96
15) Acrylonitrile	5.37	53	26479	124.831	ug/l	98
16) Acetone	4.13	43	21151	107.271	ug/l	97
17) Carbon Disulfide	4.37	76	58328	19.436	ug/l	98
18) Methyl Acetate	4.67	43	14733	23.643	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	35433	22.687	ug/l	99
20) Methylene Chloride	4.91	84	23857	21.871	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	22203	21.267	ug/l	85
22) Diisopropyl ether	6.31	45	71610	21.527	ug/l #	98
23) Vinyl Acetate	6.26	43	199353	114.106	ug/l	98
24) 1,1-Dichloroethane	6.21	63	41450	21.386	ug/l	95
25) 2-Butanone	7.18	43	31492	114.799	ug/l	99
26) 2,2-Dichloropropane	7.16	77	24189	18.419	ug/l	94
27) cis-1,2-Dichloroethene	7.16	96	25169	22.097	ug/l	95
28) Bromochloromethane	7.51	49	17283	22.544	ug/l	99
29) Tetrahydrofuran	7.54	42	23270	126.989	ug/l	96
30) Chloroform	7.68	83	40661	22.040	ug/l	95
31) Cyclohexane	7.95	56	37304	17.979	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	32976	20.542	ug/l	99
36) 1,1-Dichloropropene	8.08	75	31625	18.975	ug/l	98
37) Ethyl Acetate	7.26	43	14932	22.363	ug/l	96
38) Carbon Tetrachloride	8.07	117	29114	19.085	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37465	17.728	ug/l	92
40) Benzene	8.32	78	92642	20.494	ug/l	99
41) Methacrylonitrile	7.48	41	8798	20.858	ug/l	96
42) 1,2-Dichloroethane	8.40	62	26954	21.200	ug/l	96
43) Isopropyl Acetate	8.43	43	30286	22.686	ug/l	99
44) Trichloroethene	9.09	130	23167	20.020	ug/l	96
45) 1,2-Dichloropropane	9.37	63	22960	20.484	ug/l	99
46) Dibromomethane	9.46	93	12426	22.573	ug/l	99
47) Bromodichloromethane	9.65	83	29838	21.347	ug/l #	99
48) Methyl methacrylate	9.44	41	13051	20.718	ug/l	84
49) 1,4-Dioxane	9.46	88	3794	428.574	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	73726	114.087	ug/l	100
52) Toluene	10.39	92	59977	20.775	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	30230	20.792	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	34304	19.897	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	17450	22.578	ug/l	97
56) Ethyl methacrylate	10.65	69	20967	21.906	ug/l	97
57) 1,3-Dichloropropane	10.93	76	30625	21.667	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	57819	116.947	ug/l	98
59) 2-Hexanone	10.97	43	50178	114.821	ug/l	96
60) Dibromochloromethane	11.13	129	19014	22.404	ug/l	96
61) 1,2-Dibromoethane	11.24	107	16820	22.936	ug/l	99
64) Tetrachloroethene	10.87	164	19595	19.945	ug/l	95
65) Chlorobenzene	11.66	112	63367	19.813	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	21457	20.627	ug/l	99
67) Ethyl Benzene	11.73	91	109952	18.789	ug/l	100
68) m/p-Xylenes	11.84	106	85932	38.472	ug/l	97
69) o-Xylene	12.17	106	40326	19.496	ug/l	99
70) Styrene	12.18	104	66547	20.541	ug/l	98
71) Bromoform	12.35	173	10609	22.788	ug/l #	99
73) Isopropylbenzene	12.47	105	109034	18.778	ug/l	100
74) N-amyl acetate	12.27	43	27274	21.210	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	21095	22.697	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	25759	38.206	ug/l	22
77) Bromobenzene	12.75	156	24826	20.235	ug/l	93
78) n-propylbenzene	12.80	91	131012	18.415	ug/l	97
79) 2-Chlorotoluene	12.90	91	75769	19.089	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	89812	18.822	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	5680	19.618	ug/l	89
82) 4-Chlorotoluene	12.99	91	79091	18.919	ug/l	98
83) tert-Butylbenzene	13.21	119	79421	18.814	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	93201	18.939	ug/l	98
85) sec-Butylbenzene	13.39	105	115403	18.663	ug/l	100
86) p-Isopropyltoluene	13.51	119	97549	18.268	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	49750	19.990	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49287	19.738	ug/l	97
89) n-Butylbenzene	13.83	91	93409	17.861	ug/l	99
90) Hexachloroethane	14.10	117	17617	19.533	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	45361	20.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3621	24.209	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
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	26849	18.489	ug/l	97
94) Hexachlorobutadiene	15.24	225	14957	19.243	ug/l	97
95) Naphthalene	15.38	128	55006	20.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	24955	20.158	ug/l	99

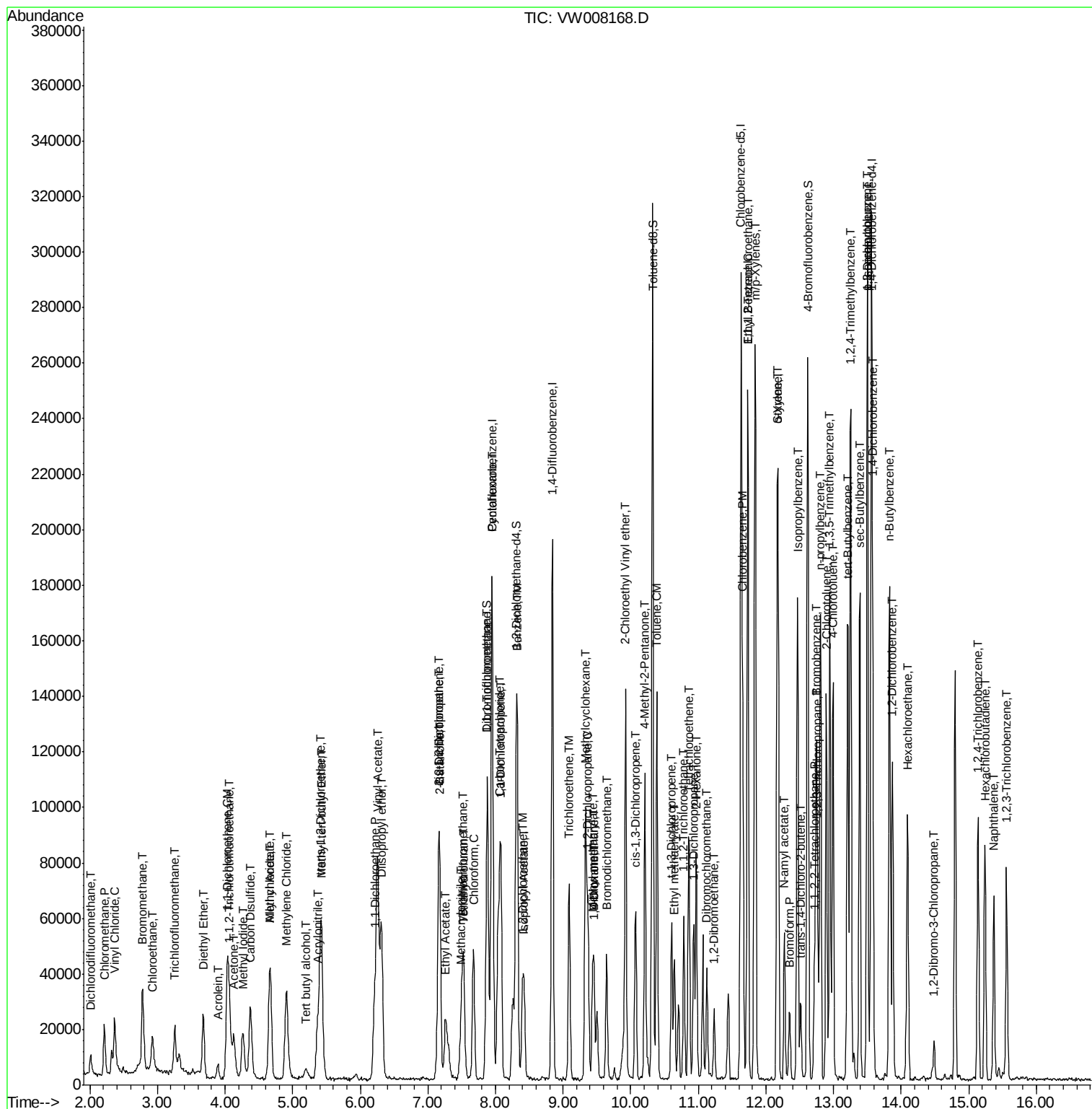
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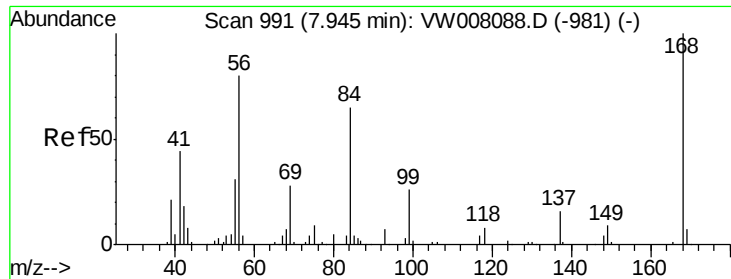
Data File : VW008168.D

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Acq On       : 11 Jan 2019   01:34
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Sample       : VW0110SBS02
Misc         : 5.00G/5ML/MSVOA_W/
ALS Vial     : 32      Sample Multip
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

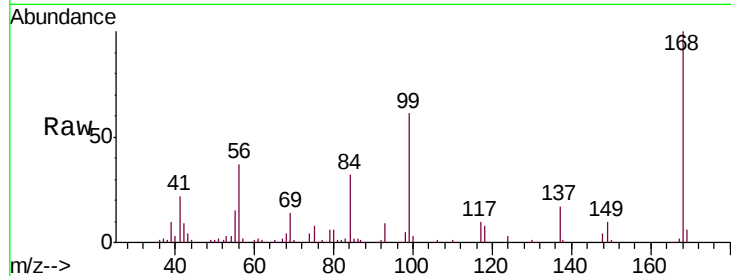
VW0110SBS02

Tgt Ion:168 Resp: 87725

Ion Ratio Lower Upper

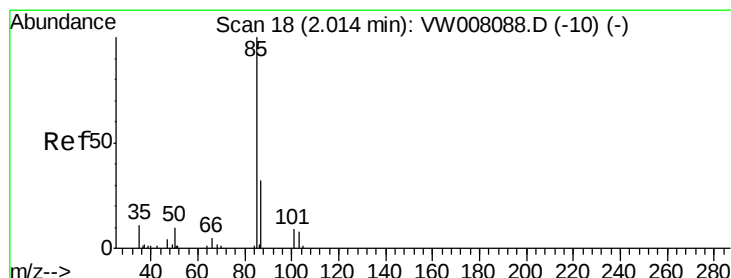
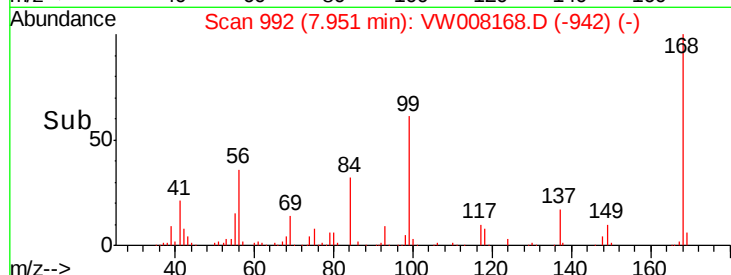
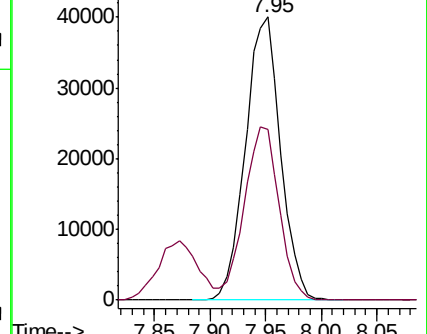
168 100

99 60.5 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 17.905 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW008168.D

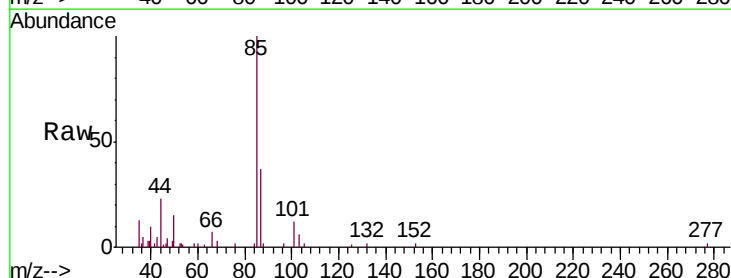
Acq: 11 Jan 2019 01:34

Tgt Ion: 85 Resp: 12819

Ion Ratio Lower Upper

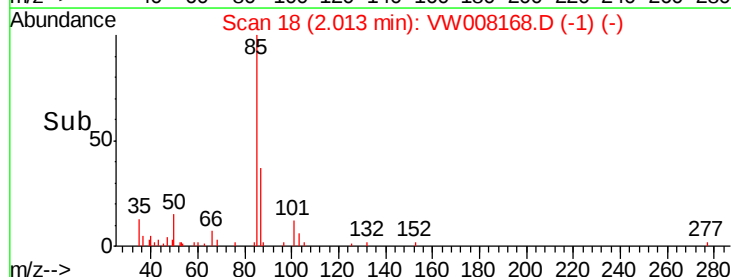
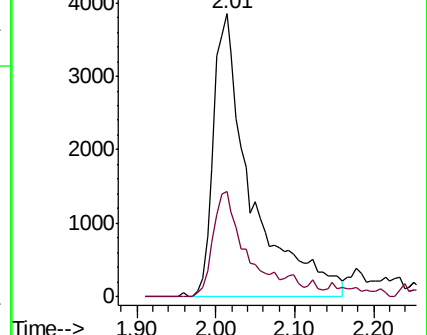
85 100

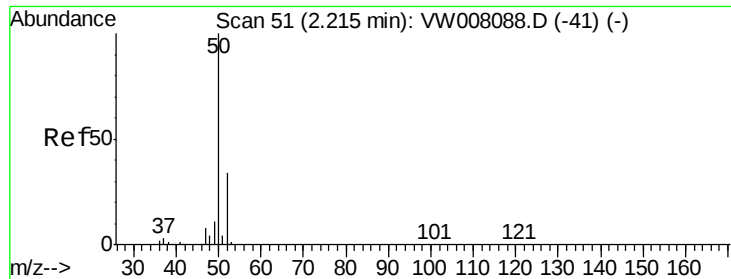
87 37.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.049 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

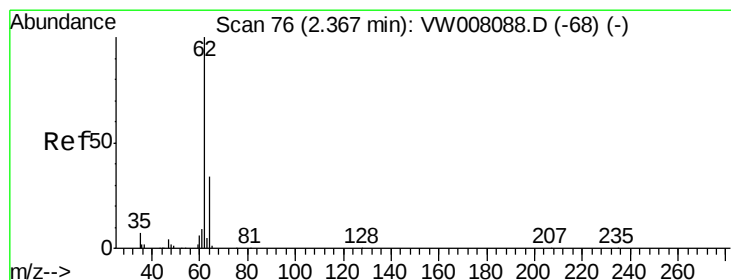
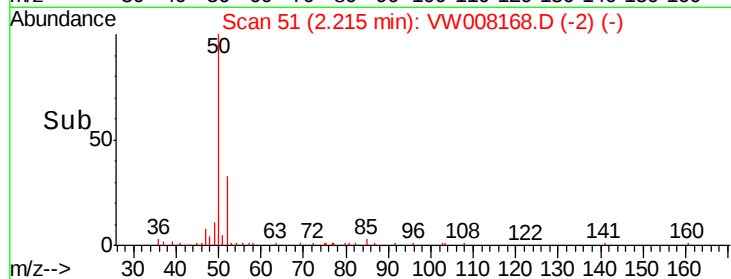
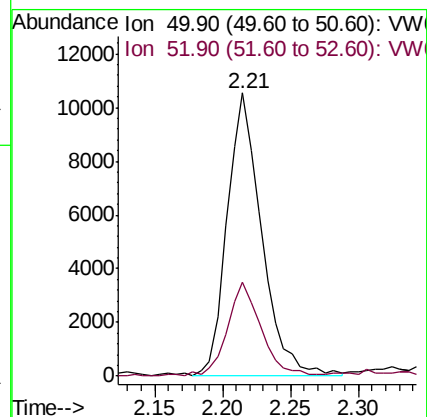
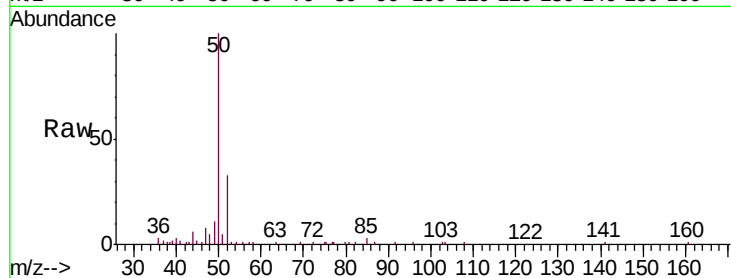
VW0110SBS02

Tgt Ion: 50 Resp: 18622

Ion Ratio Lower Upper

50 100

52 32.0 26.8 40.2



#4

Vinyl Chloride

Concen: 19.597 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008168.D

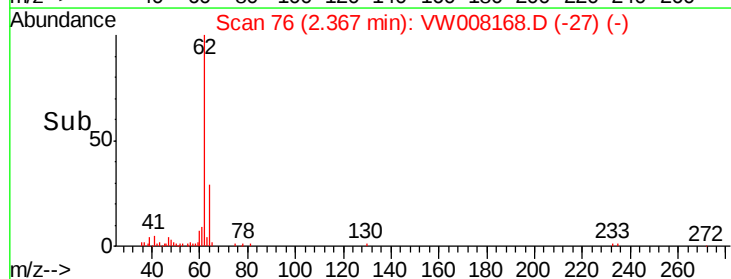
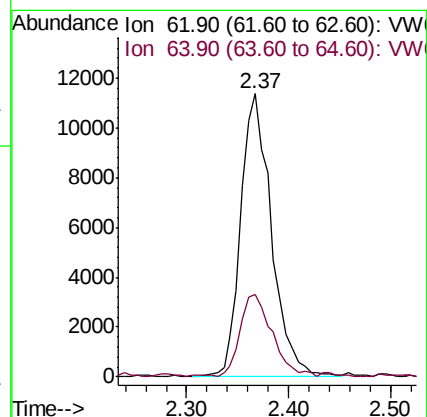
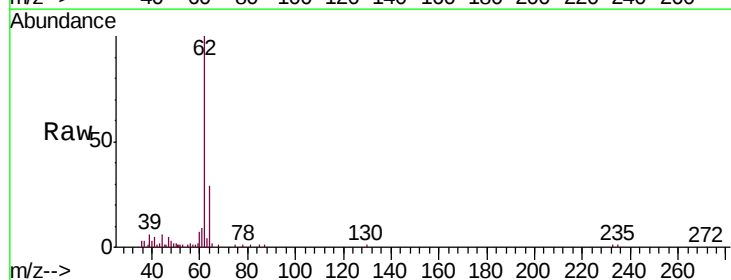
Acq: 11 Jan 2019 01:34

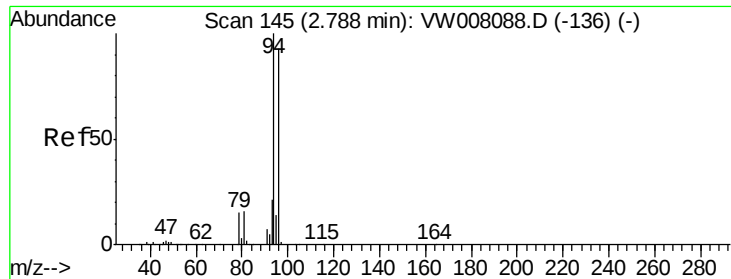
Tgt Ion: 62 Resp: 23757

Ion Ratio Lower Upper

62 100

64 28.5 27.0 40.6





#5

Bromomethane

Concen: 23.697 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

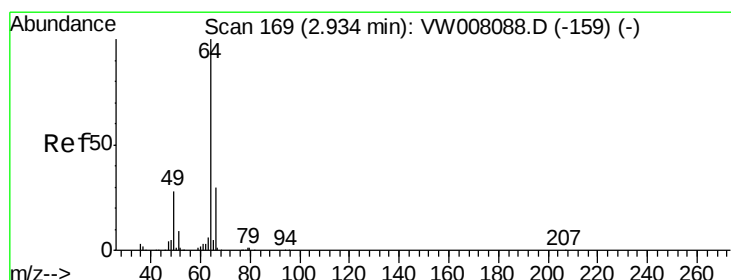
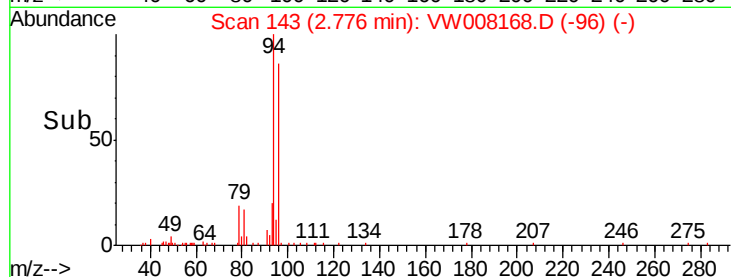
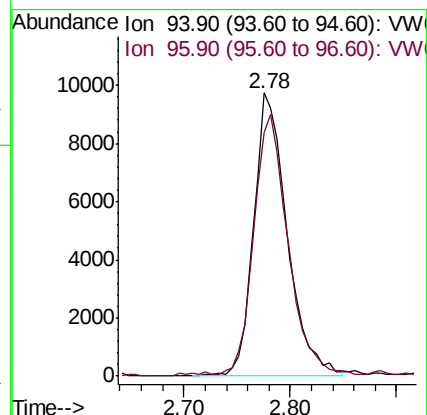
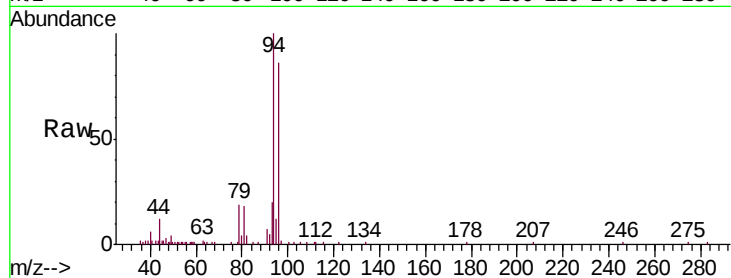
VW0110SBS02

Tgt Ion: 94 Resp: 21520

Ion Ratio Lower Upper

94 100

96 85.0 74.1 111.1



#6

Chloroethane

Concen: 17.531 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008168.D

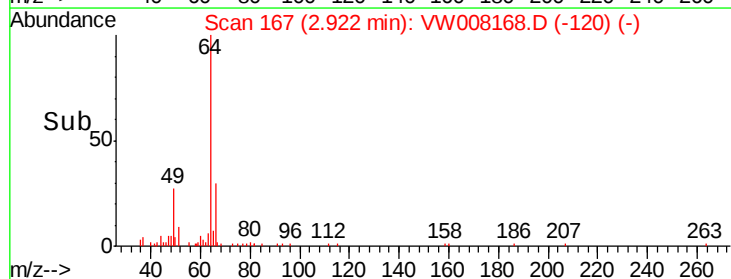
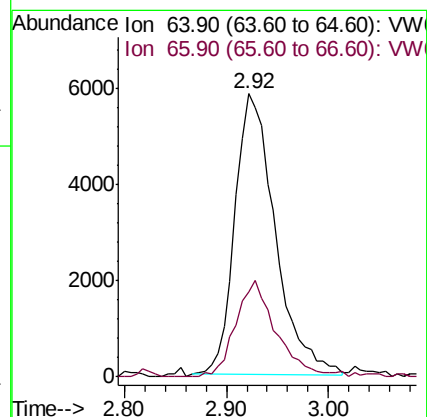
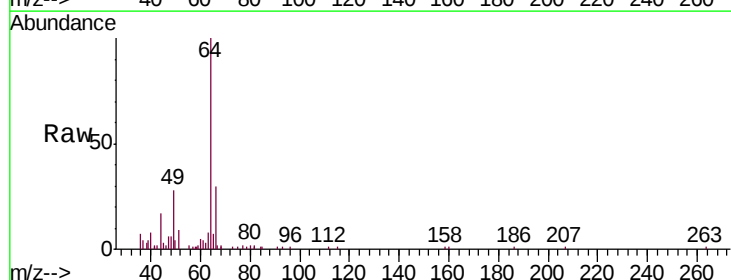
Acq: 11 Jan 2019 01:34

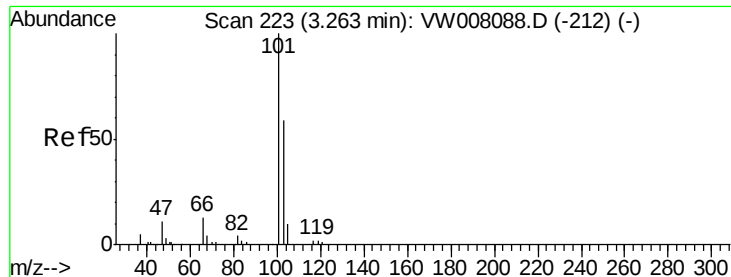
Tgt Ion: 64 Resp: 15992

Ion Ratio Lower Upper

64 100

66 30.5 24.2 36.2



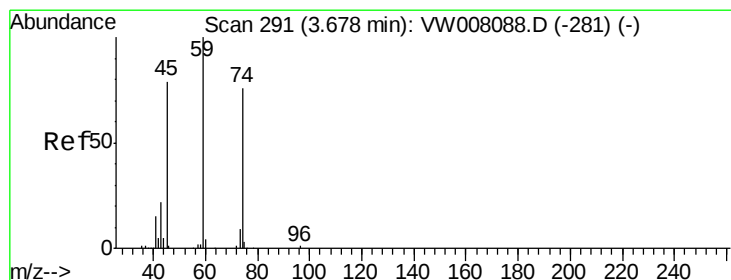
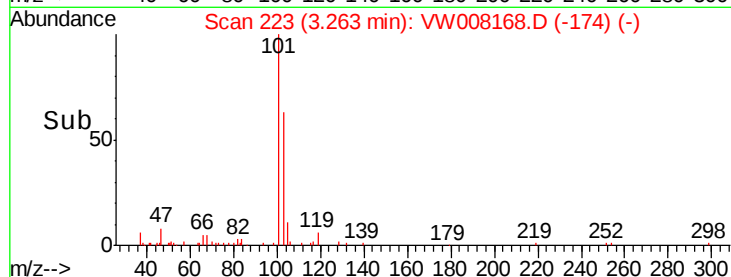
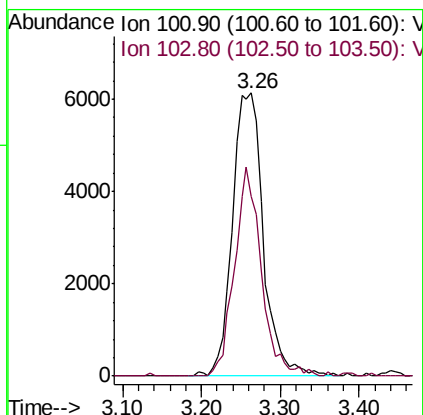
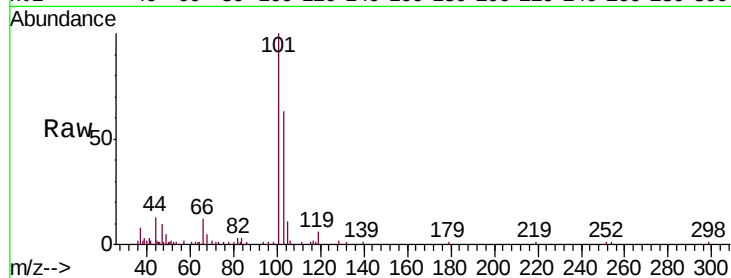


#7

Trichlorofluoromethane
 Concen: 16.933 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

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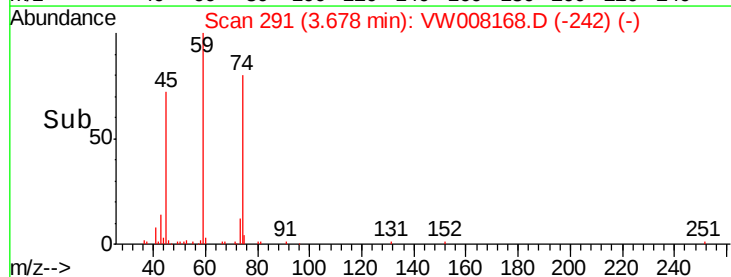
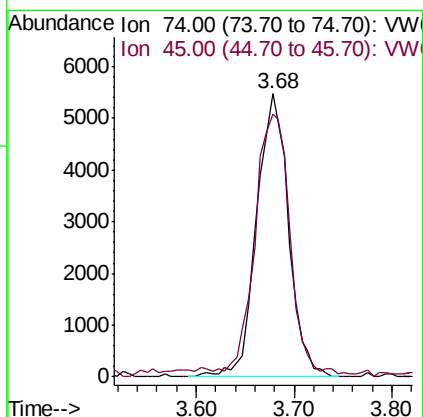
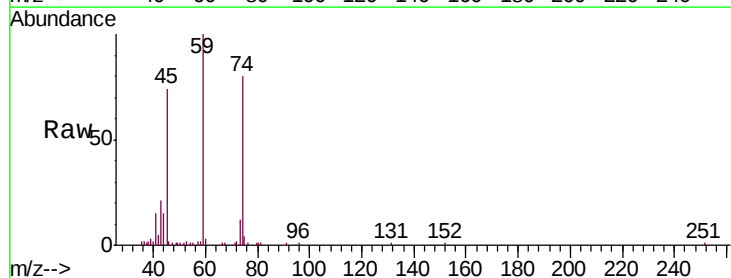
Tgt Ion:101 Resp: 16688
 Ion Ratio Lower Upper
 101 100
 103 63.4 47.0 70.6

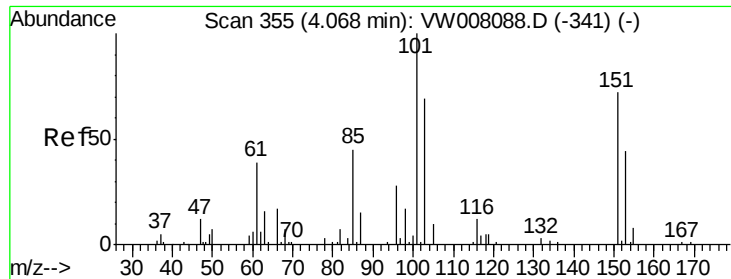


#8

Diethyl Ether
 Concen: 22.543 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 74 Resp: 12560
 Ion Ratio Lower Upper
 74 100
 45 99.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.901 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

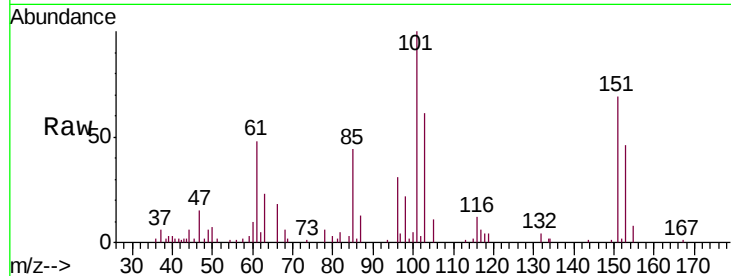
Tgt Ion:101 Resp: 19473

Ion Ratio Lower Upper

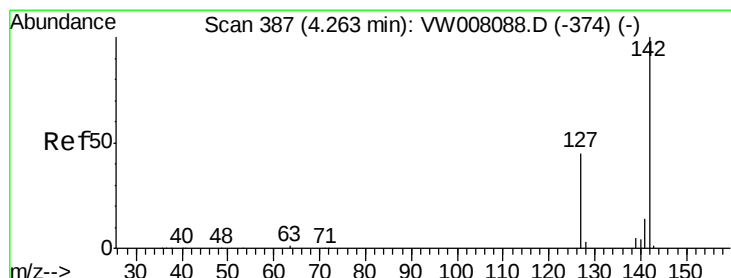
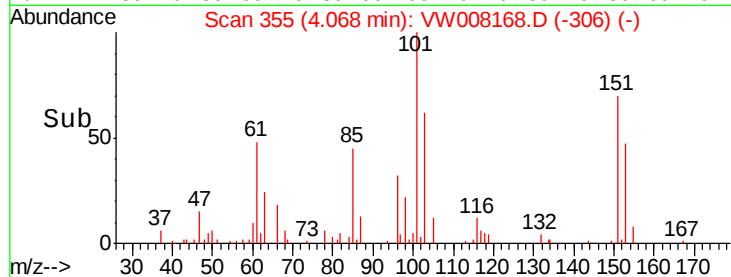
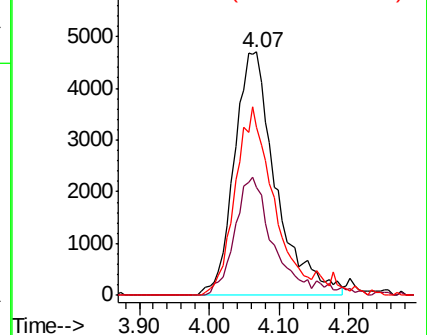
101 100

85 43.6 35.9 53.9

151 71.0 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: 21.513 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

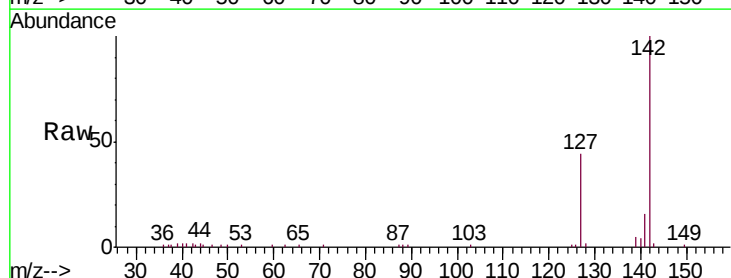
Tgt Ion:142 Resp: 30680

Ion Ratio Lower Upper

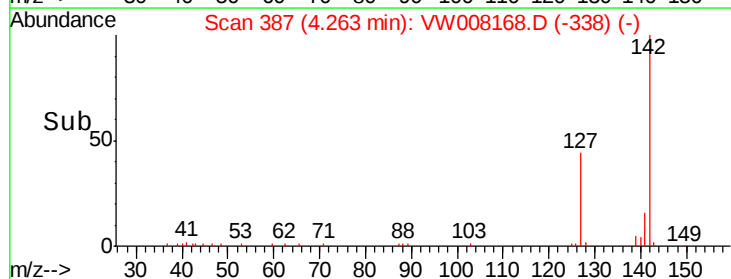
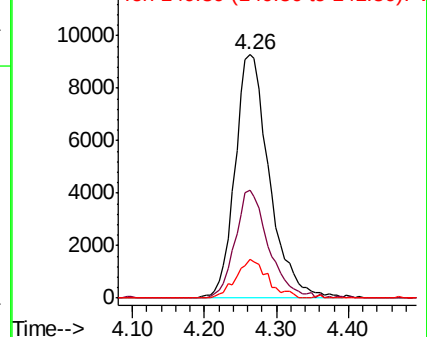
142 100

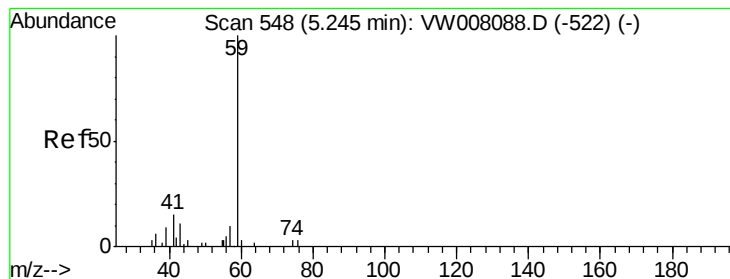
127 43.3 35.0 52.4

141 14.8 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



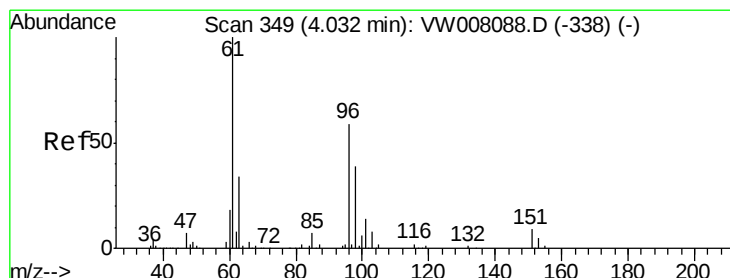
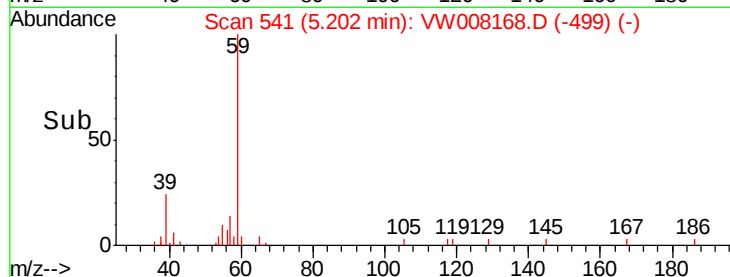
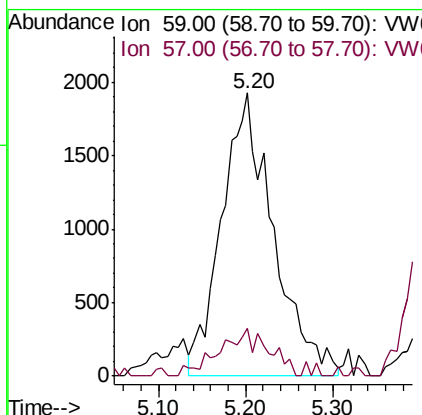
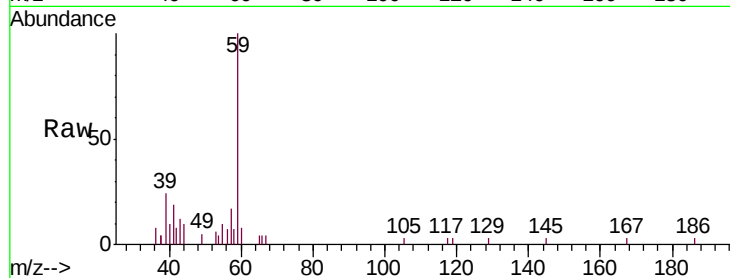


#11

Tert butyl alcohol
 Concen: 115.491 ug/l
 RT: 5.20 min Scan# 541
 Delta R.T. -0.04 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

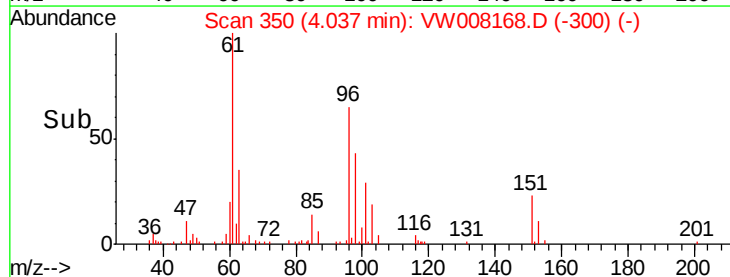
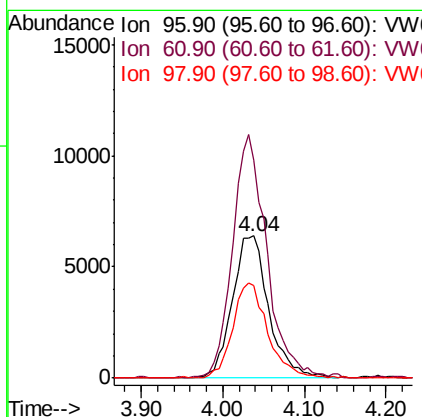
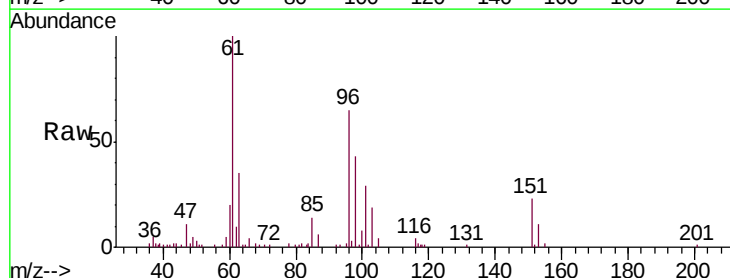
Tgt Ion: 59 Resp: 7860
 Ion Ratio Lower Upper
 59 100
 57 15.9 0.0 0.0#

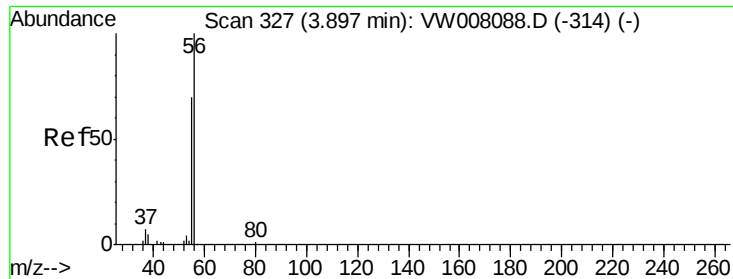


#12

1,1-Dichloroethene
 Concen: 20.568 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 96 Resp: 19759
 Ion Ratio Lower Upper
 96 100
 61 153.2 135.4 203.2
 98 65.5 52.5 78.7





#13

Acrolein

Concen: 89.272 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

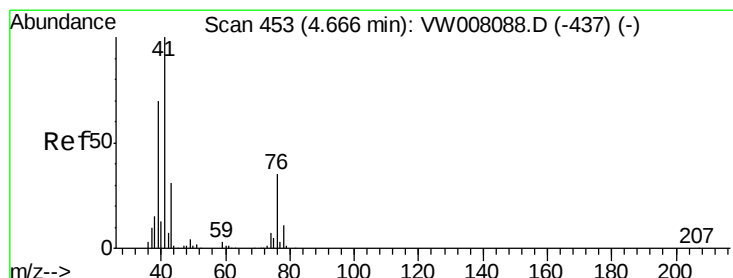
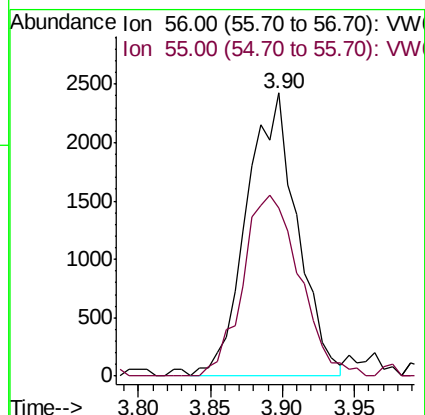
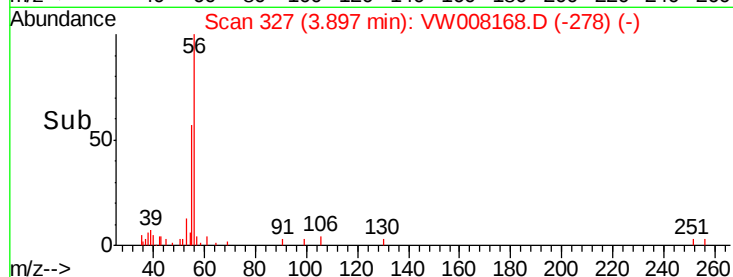
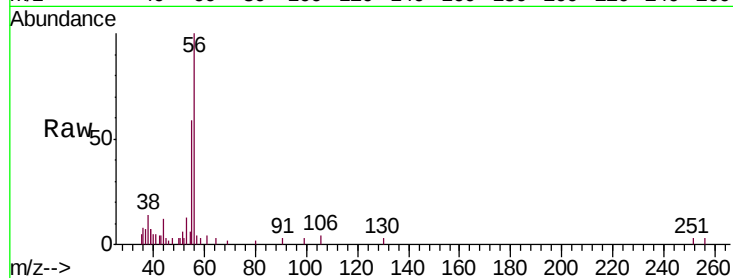
VW0110SBS02

Tgt Ion: 56 Resp: 5923

Ion Ratio Lower Upper

56 100

55 71.8 56.6 84.8



#14

Allyl chloride

Concen: 21.036 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

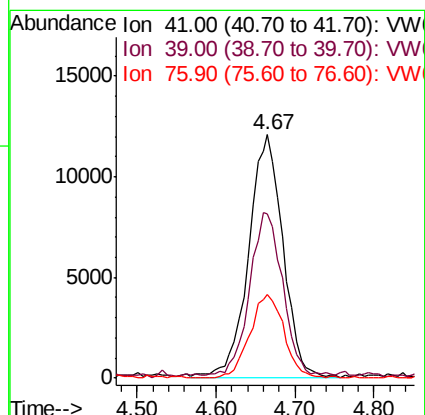
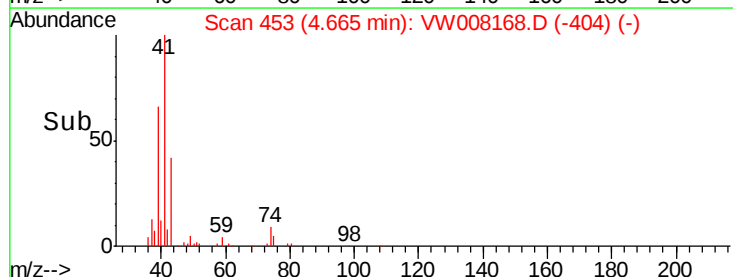
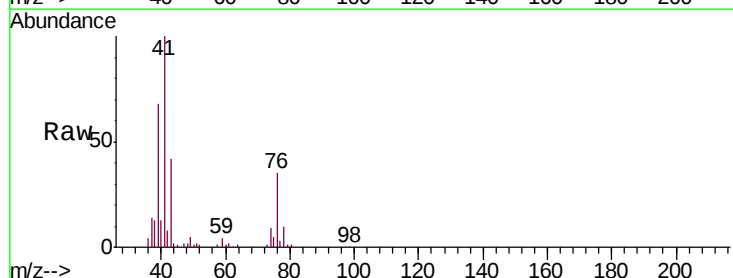
Tgt Ion: 41 Resp: 36692

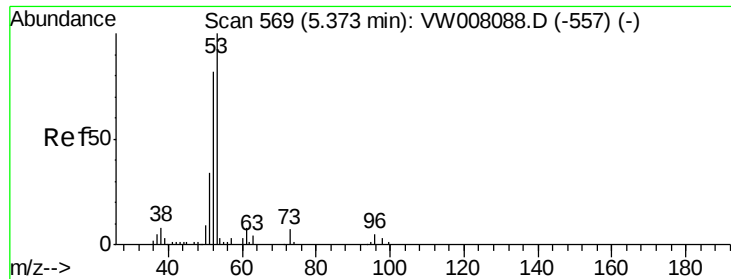
Ion Ratio Lower Upper

41 100

39 63.3 53.8 80.8

76 34.0 27.6 41.4

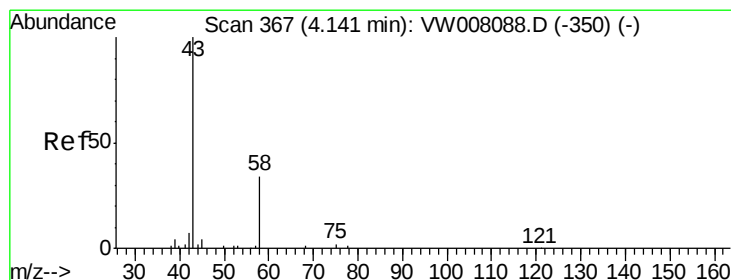
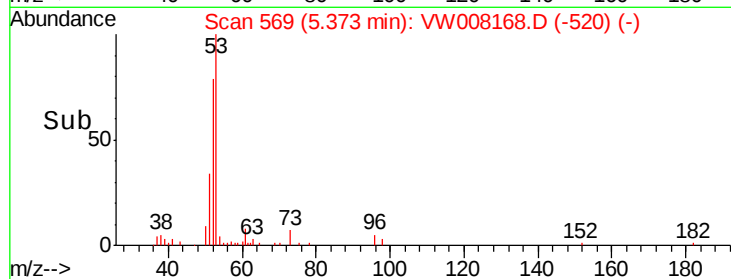
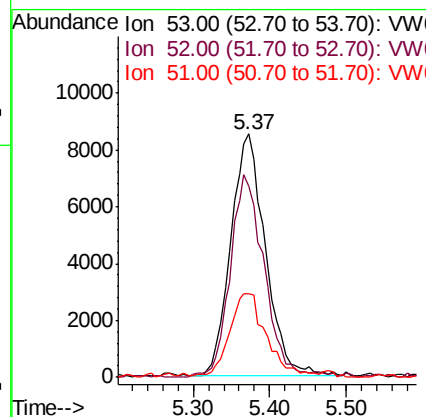
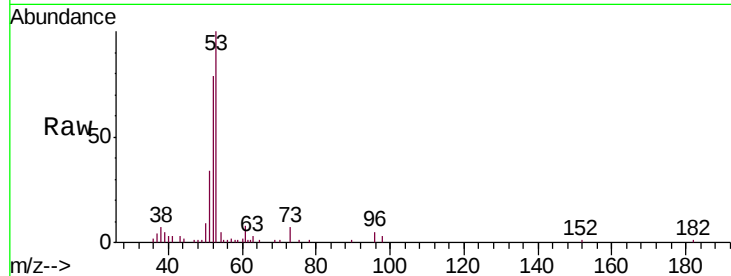




#15
 Acrylonitrile
 Concen: 124.831 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

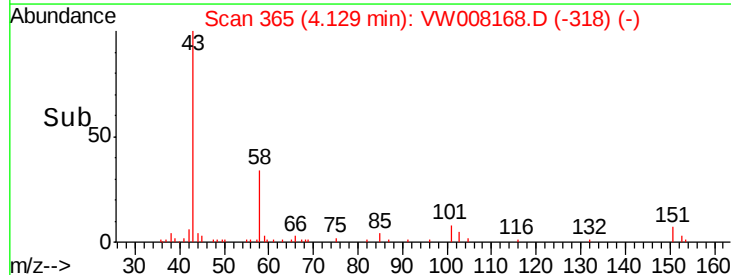
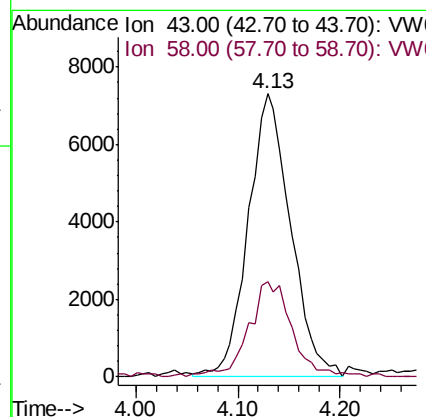
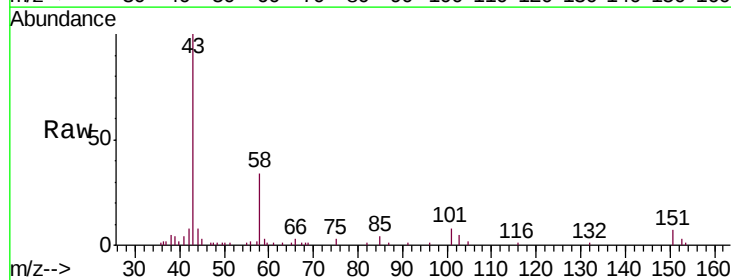
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

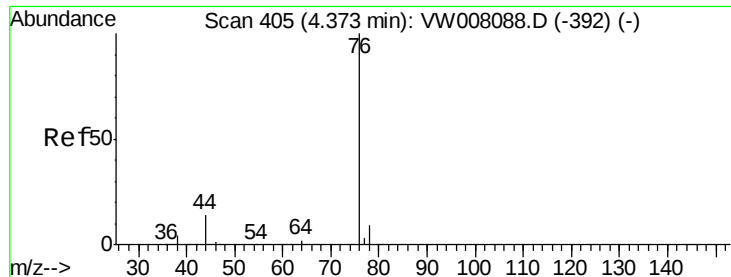
Tgt Ion: 53 Resp: 26479
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.8 100.2
 51 37.7 29.7 44.5



#16
 Acetone
 Concen: 107.271 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 43 Resp: 21151
 Ion Ratio Lower Upper
 43 100
 58 32.7 27.5 41.3

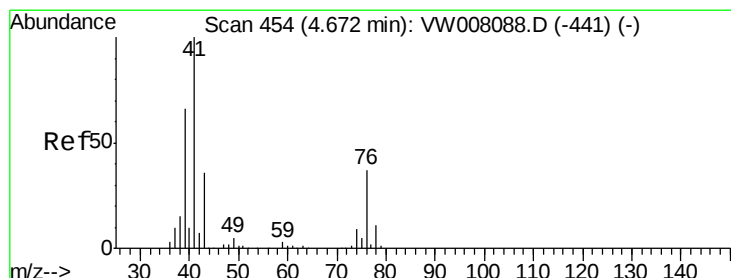
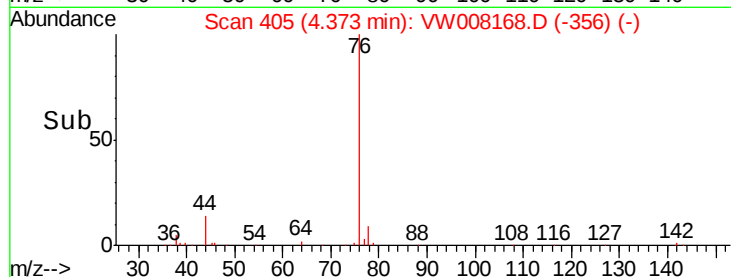
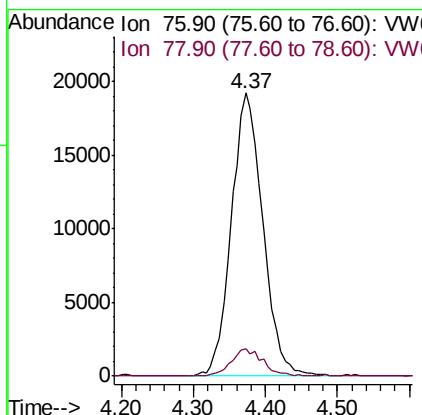
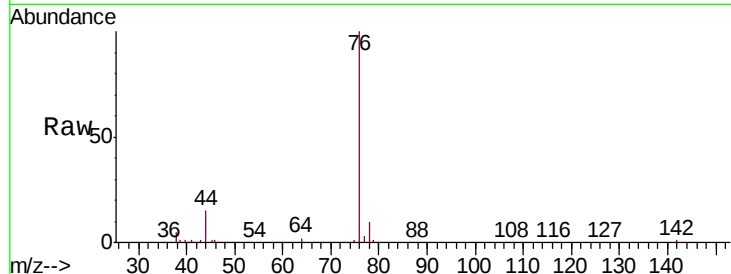




#17
Carbon Disulfide
Concen: 19.436 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

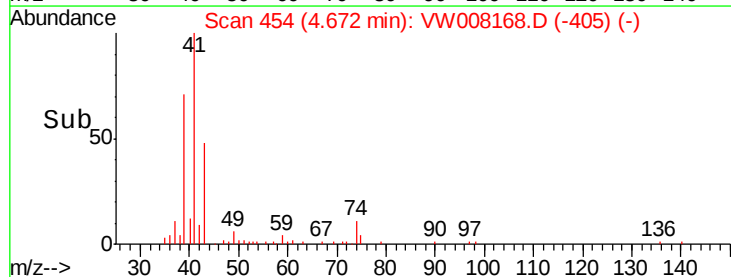
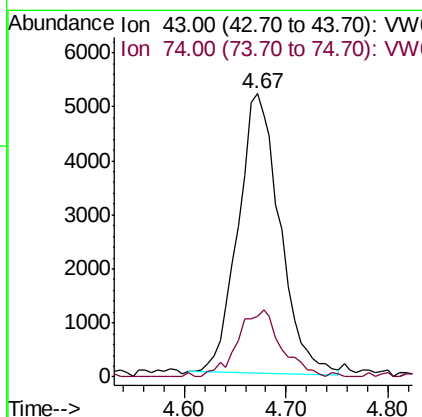
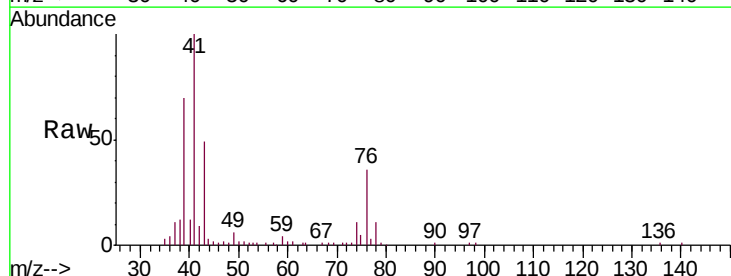
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Tgt Ion: 76 Resp: 58328
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 23.643 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 43 Resp: 14733
Ion Ratio Lower Upper
43 100
74 24.9 19.0 28.4

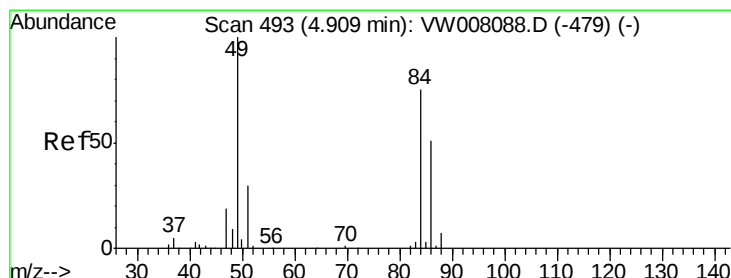
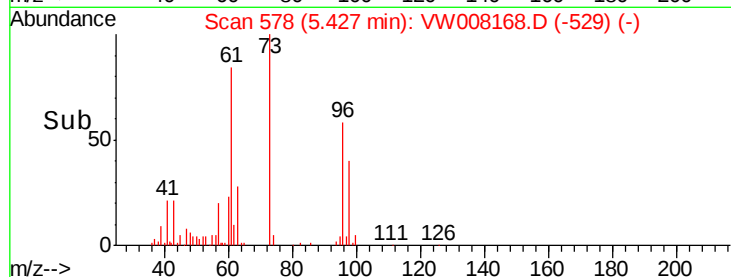
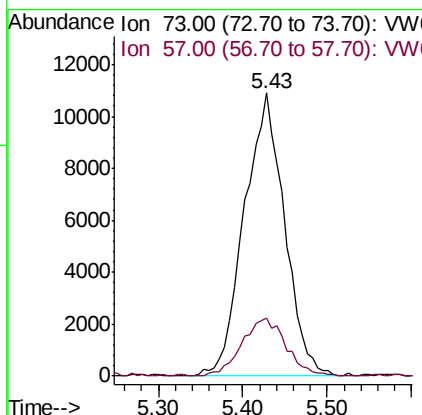
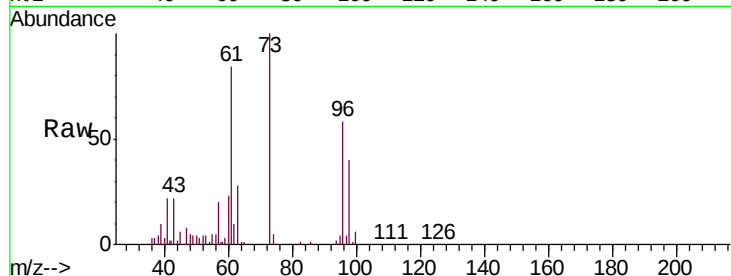




#19
Methyl tert-butyl Ether
Concen: 22.687 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

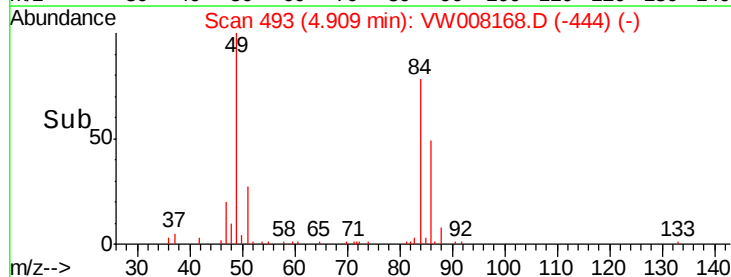
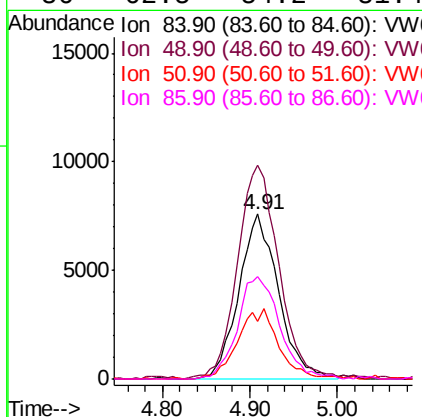
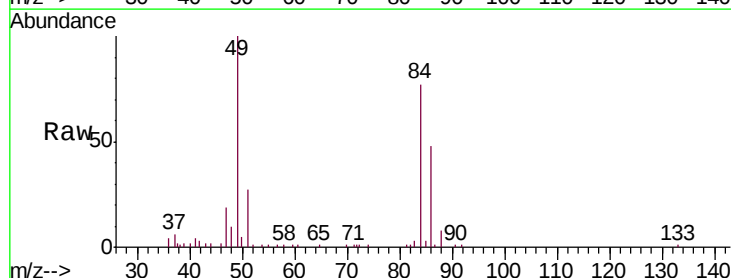
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

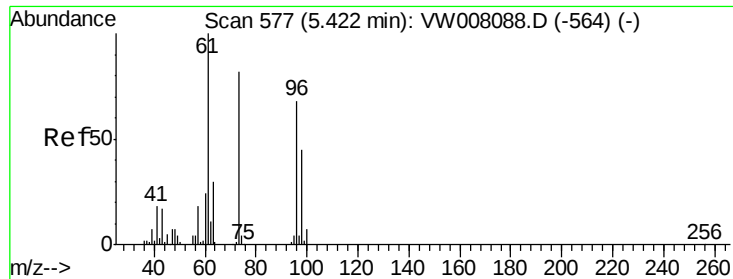
Tgt Ion: 73 Resp: 35433
Ion Ratio Lower Upper
73 100
57 20.3 16.7 25.1



#20
Methylene Chloride
Concen: 21.871 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 84 Resp: 23857
Ion Ratio Lower Upper
84 100
49 129.0 107.1 160.7
51 35.0 32.4 48.6
86 62.5 54.2 81.4

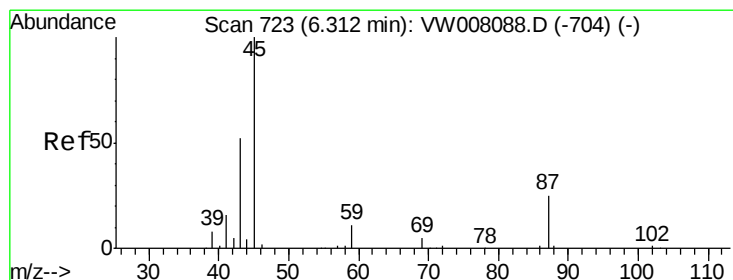
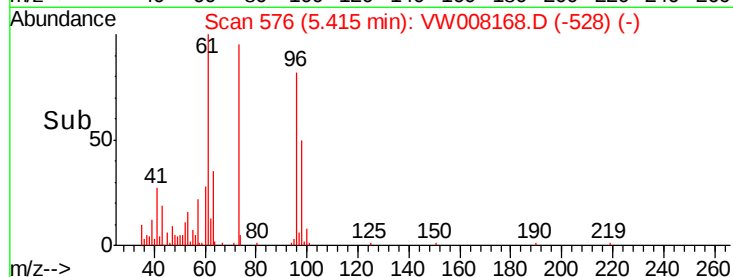
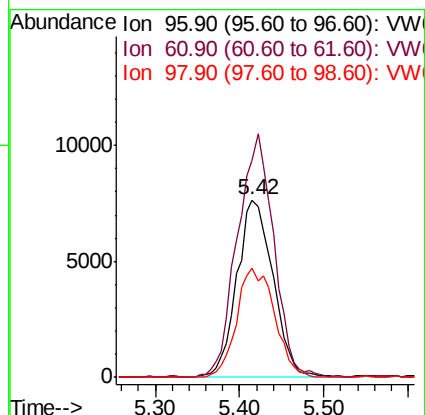
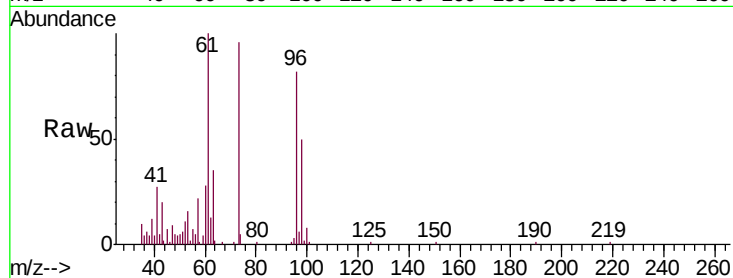




#21
trans-1,2-Dichloroethene
Concen: 21.267 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

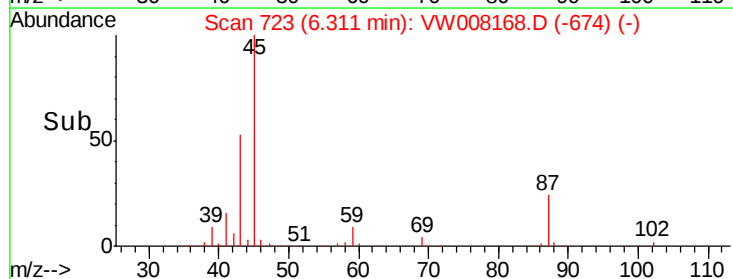
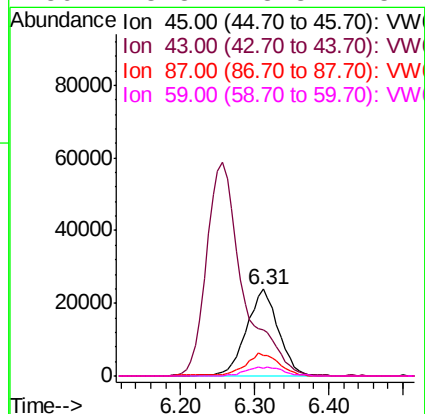
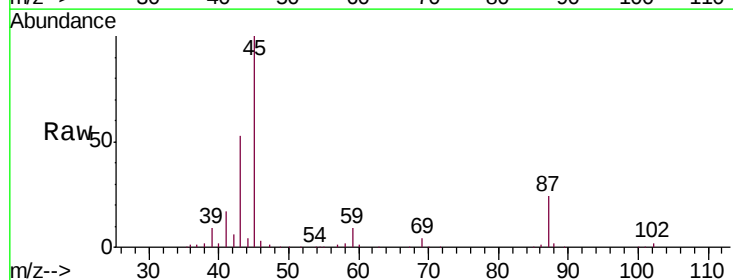
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

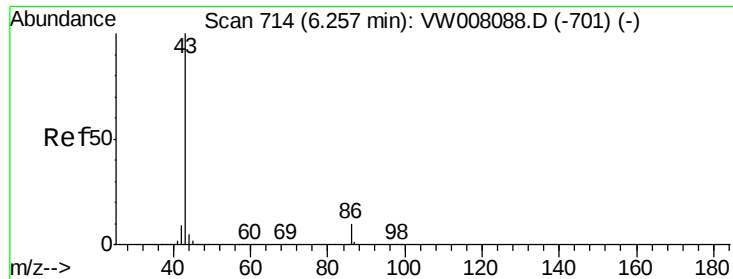
Tgt Ion: 96 Resp: 22203
Ion Ratio Lower Upper
96 100
61 122.5 117.4 176.0
98 61.5 52.2 78.4



#22
Diisopropyl ether
Concen: 21.527 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 45 Resp: 71610
Ion Ratio Lower Upper
45 100
43 52.8 41.7 62.5
87 23.7 20.1 30.1
59 8.8 8.8 13.2#





#23

Vinyl Acetate

Concen: 114.106 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

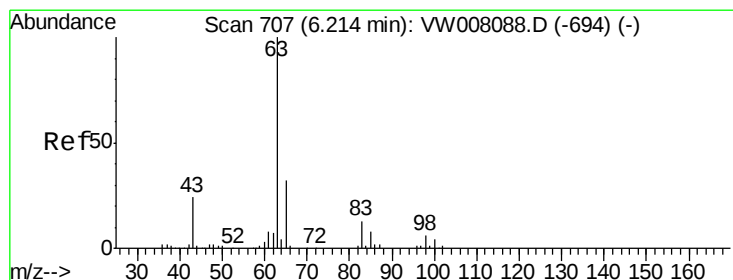
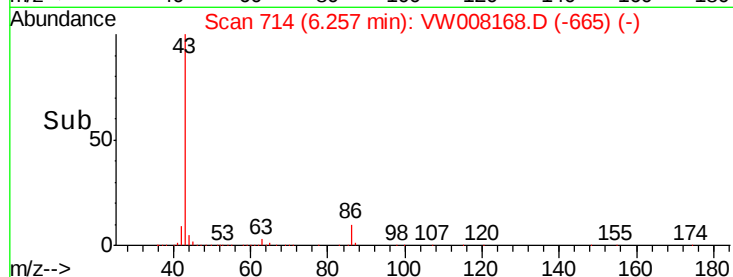
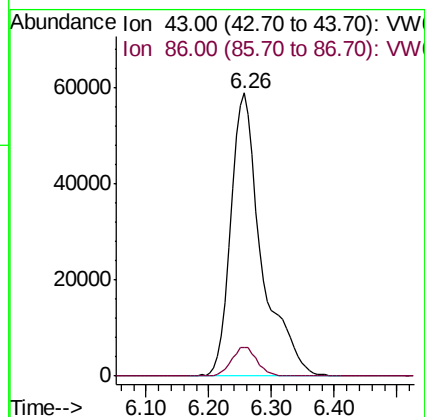
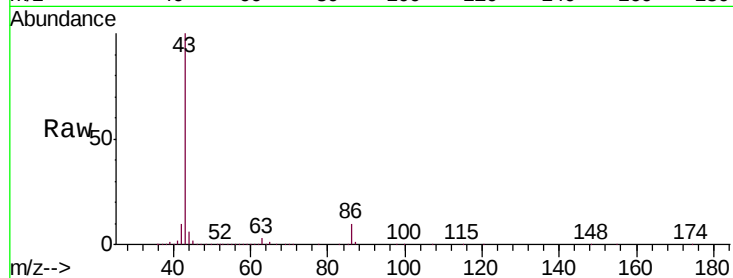
VW0110SBS02

Tgt Ion: 43 Resp: 199353

Ion Ratio Lower Upper

43 100

86 10.3 7.7 11.5



#24

1,1-Dichloroethane

Concen: 21.386 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

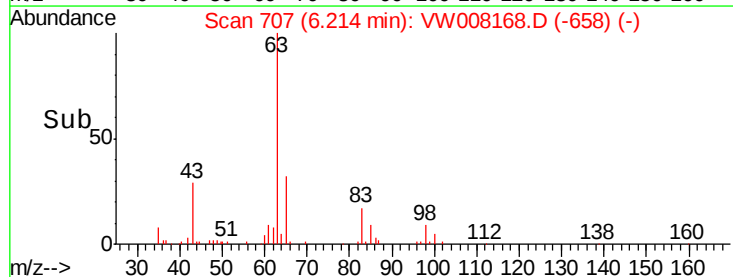
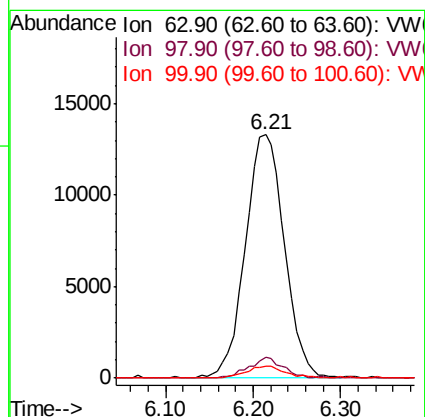
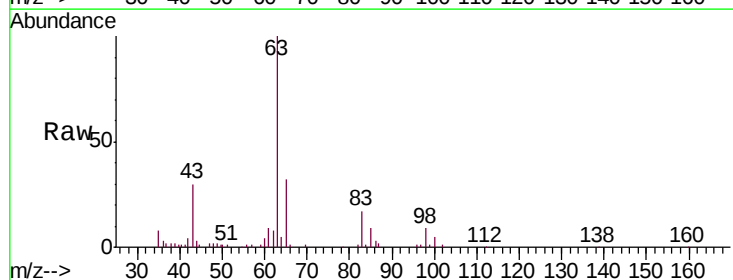
Tgt Ion: 63 Resp: 41450

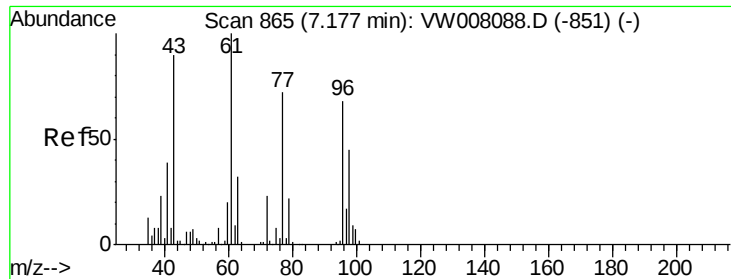
Ion Ratio Lower Upper

63 100

98 8.8 3.2 9.6

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 114.799 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

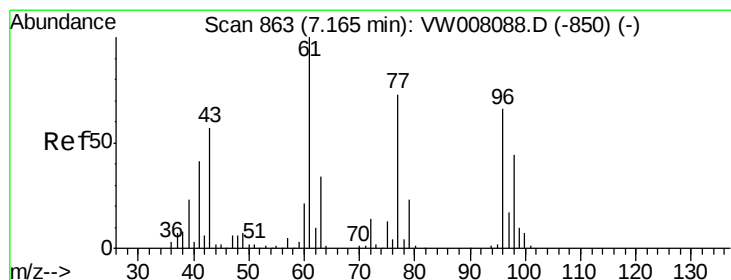
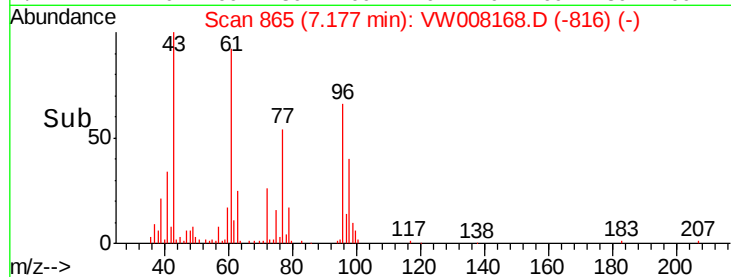
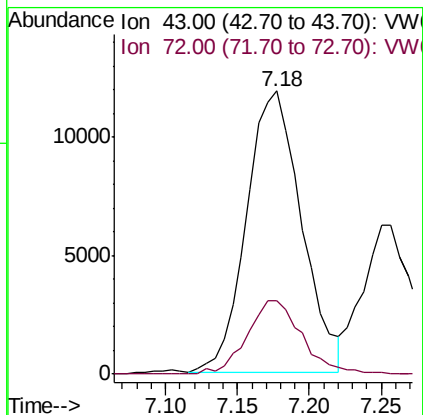
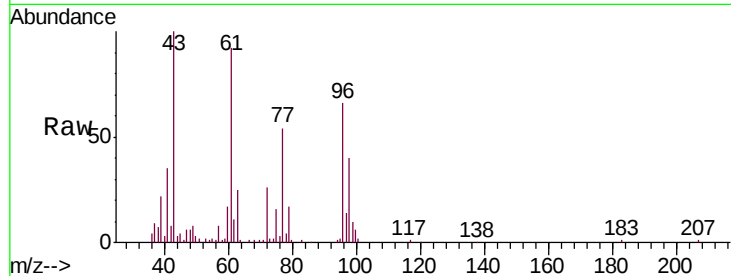
VW0110SBS02

Tgt Ion: 43 Resp: 31492

Ion Ratio Lower Upper

43 100

72 26.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 18.419 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008168.D

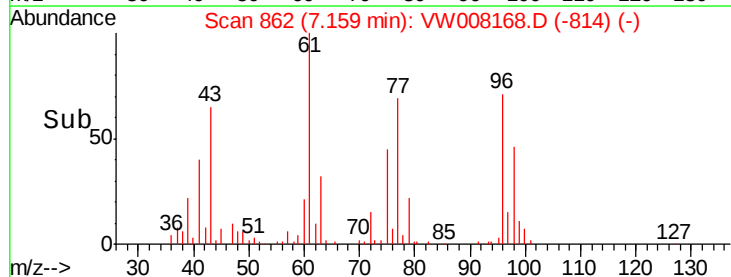
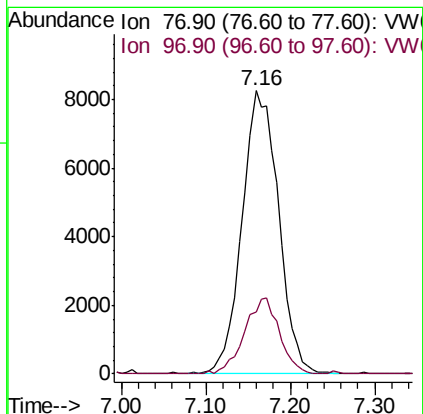
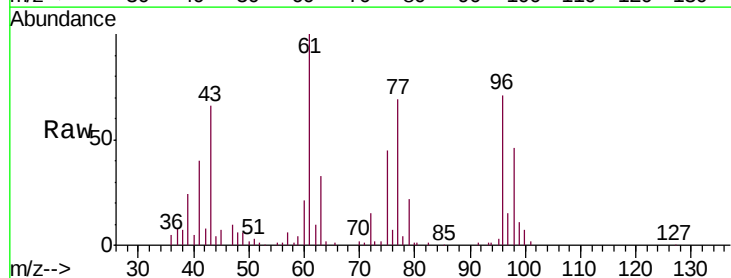
Acq: 11 Jan 2019 01:34

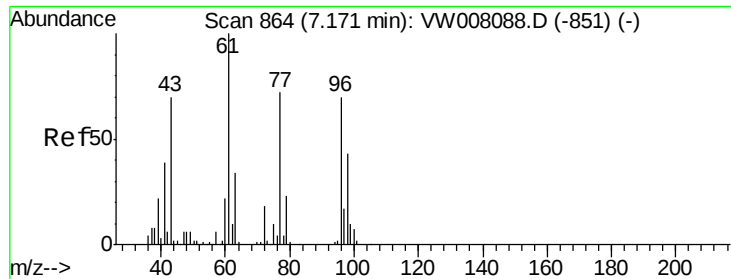
Tgt Ion: 77 Resp: 24189

Ion Ratio Lower Upper

77 100

97 25.7 11.4 34.1



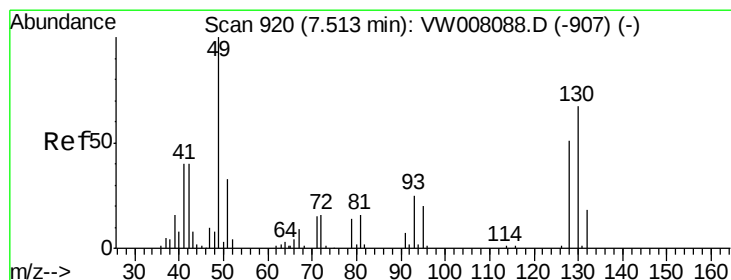
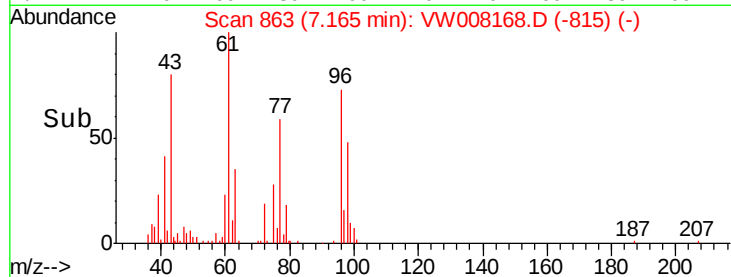
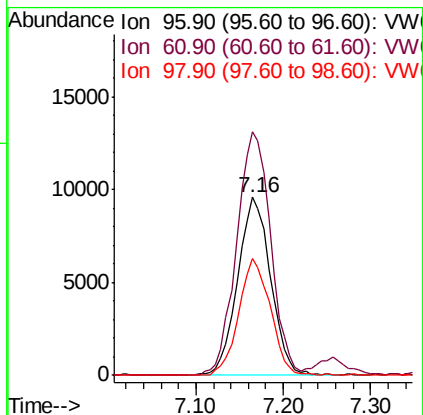
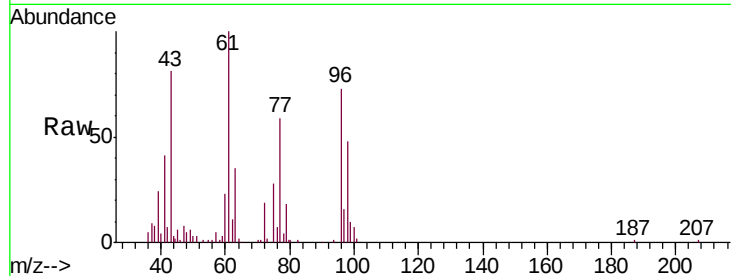


#27

cis-1,2-Dichloroethene
Concen: 22.097 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

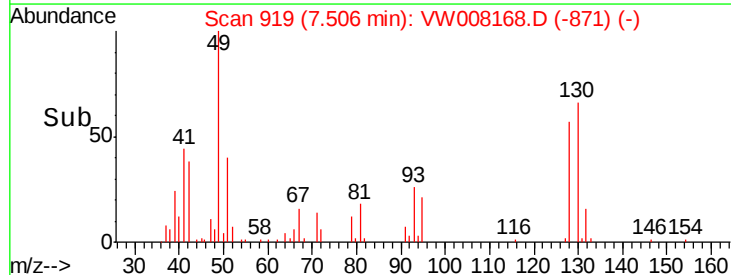
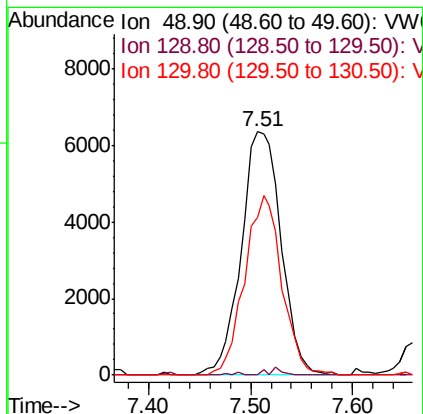
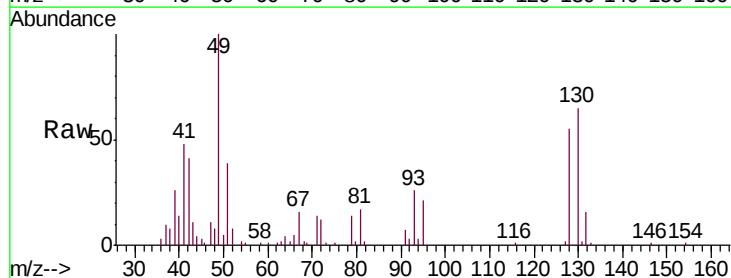
Tgt Ion: 96 Resp: 25169
Ion Ratio Lower Upper
96 100
61 141.3 0.0 300.4
98 62.9 0.0 128.4

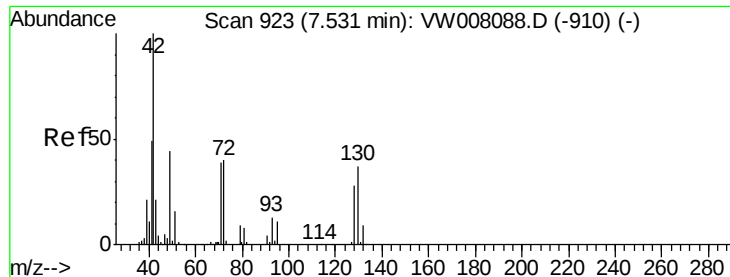


#28

Bromochloromethane
Concen: 22.544 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 49 Resp: 17283
Ion Ratio Lower Upper
49 100
129 1.1 0.0 2.8
130 68.9 54.3 81.5





#29

Tetrahydrofuran

Concen: 126.989 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

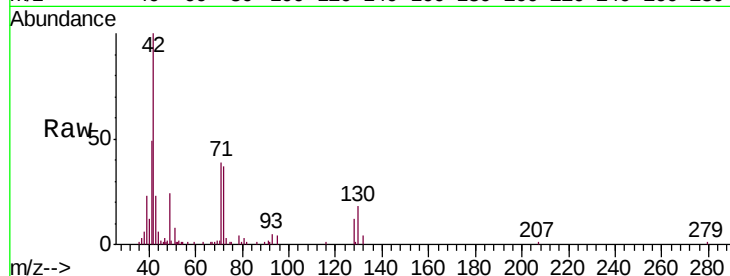
Tgt Ion: 42 Resp: 23270

Ion Ratio Lower Upper

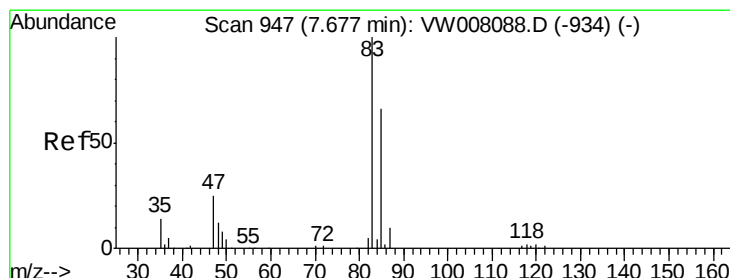
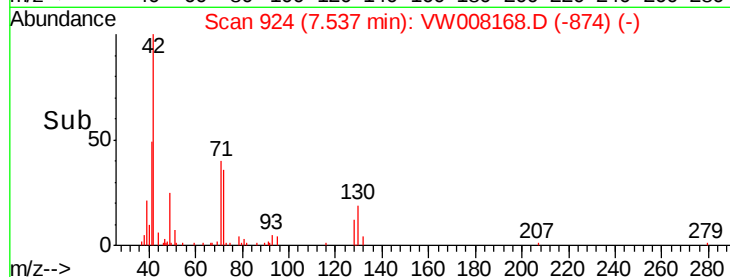
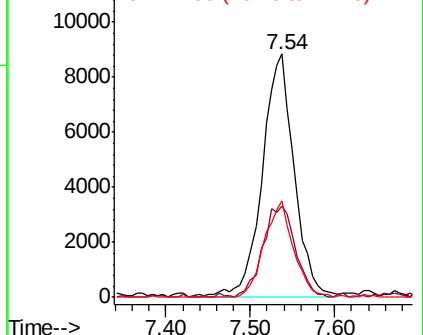
42 100

72 38.2 32.4 48.6

71 36.1 31.3 46.9



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 22.040 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW008168.D

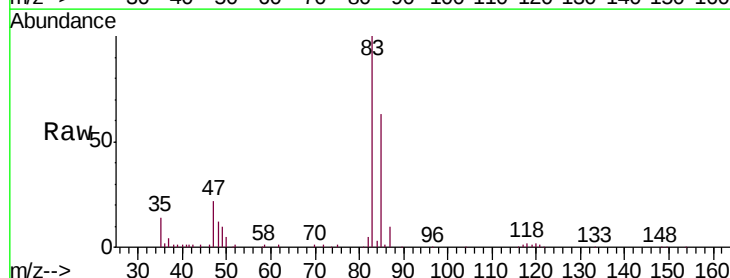
Acq: 11 Jan 2019 01:34

Tgt Ion: 83 Resp: 40661

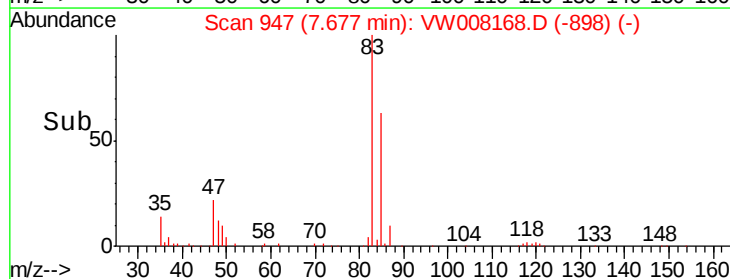
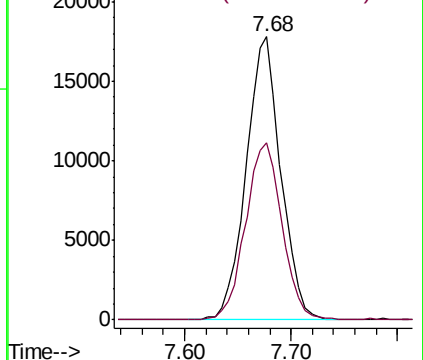
Ion Ratio Lower Upper

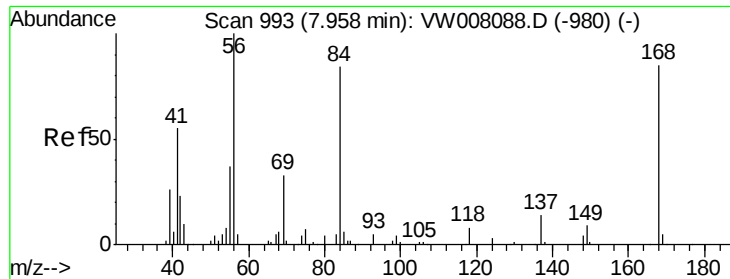
83 100

85 62.5 53.2 79.8



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

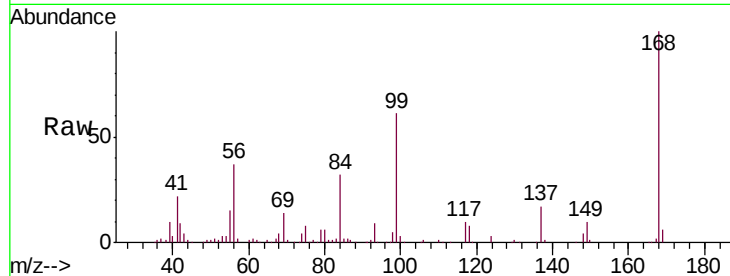




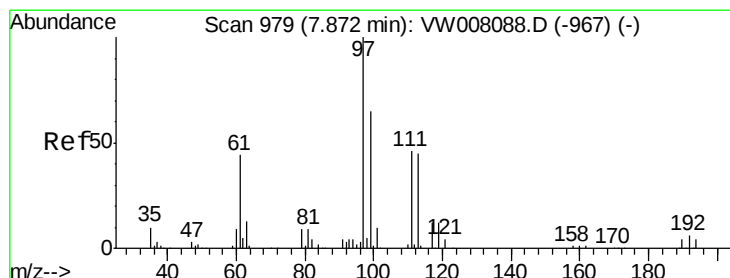
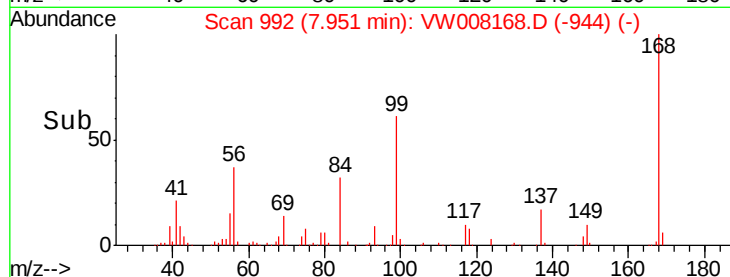
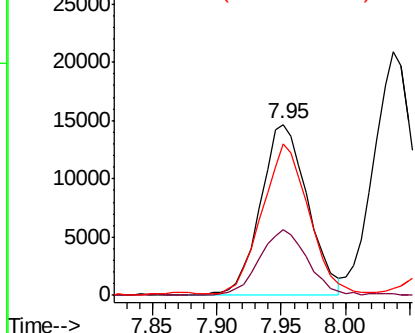
#31
Cyclohexane
Concen: 17.979 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Tgt Ion: 56 Resp: 37304
Ion Ratio Lower Upper
56 100
69 38.3 26.2 39.4
84 86.8 67.4 101.2

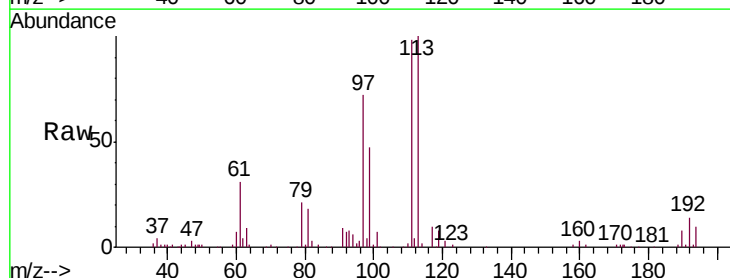


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

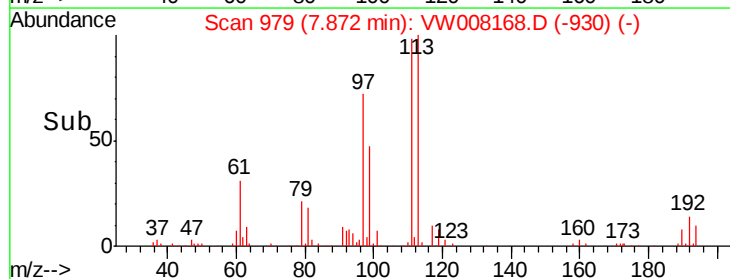
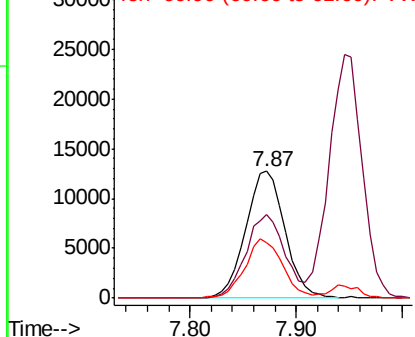


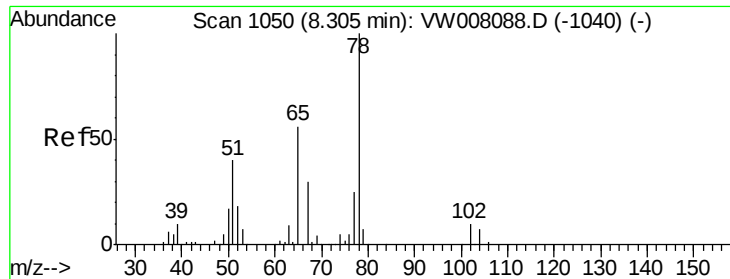
#32
1,1,1-Trichloroethane
Concen: 20.542 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 97 Resp: 32976
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.0
61 44.7 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

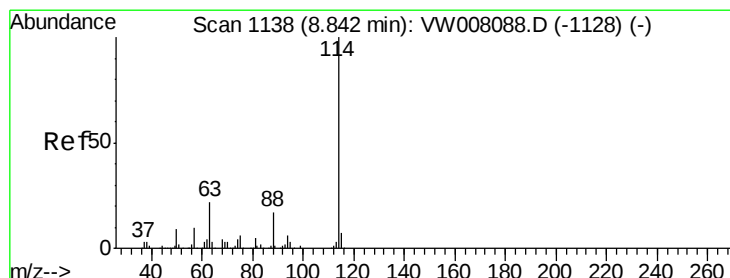
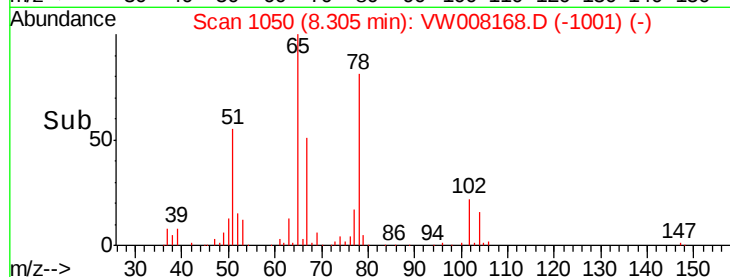
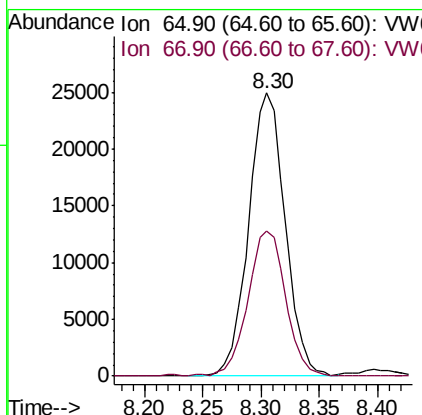
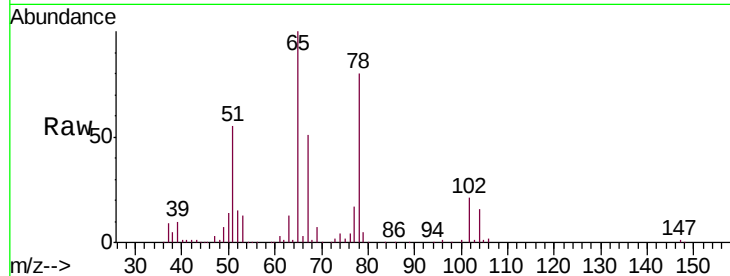




#33
 1,2-Dichloroethane-d4
 Concen: 55.458 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

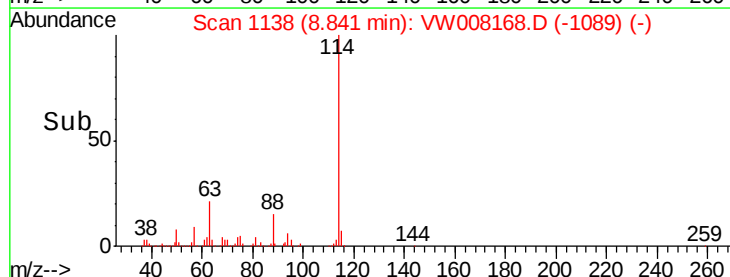
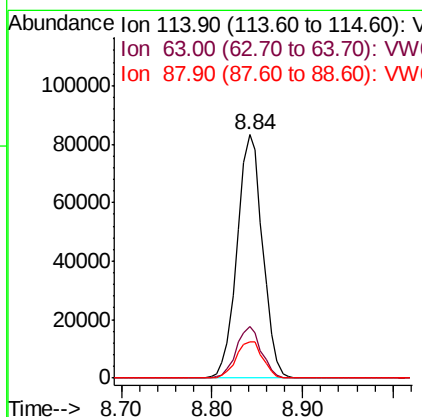
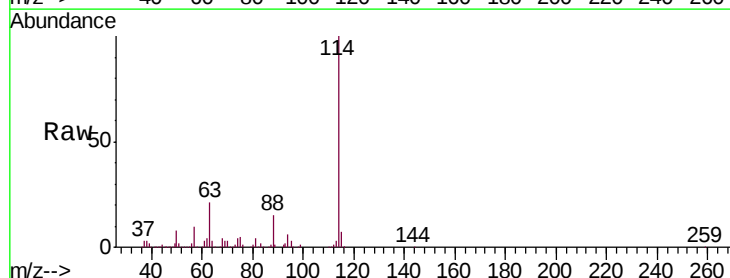
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

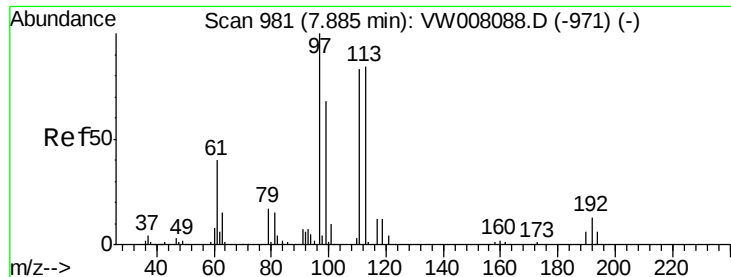
Tgt Ion: 65 Resp: 54679
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 114 Resp: 161797
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 43.4
 88 15.1 0.0 33.4

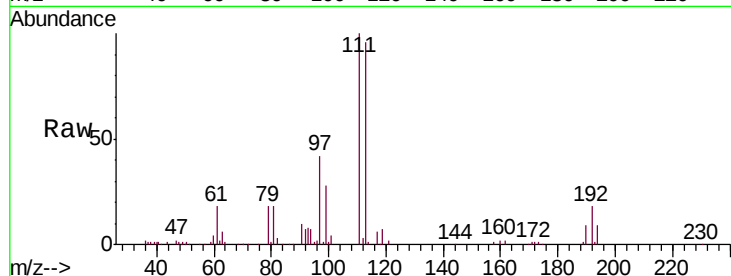




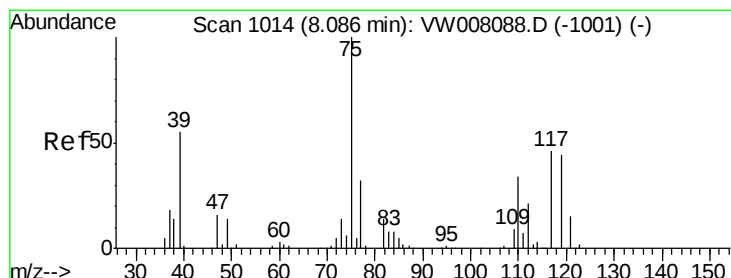
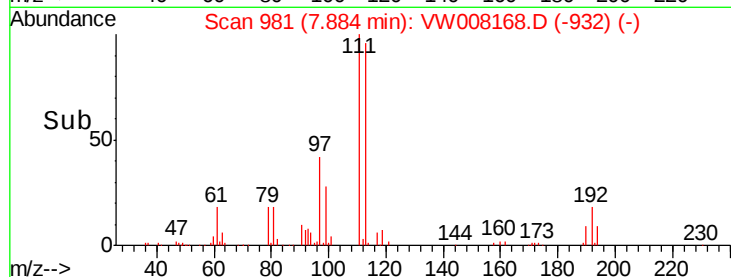
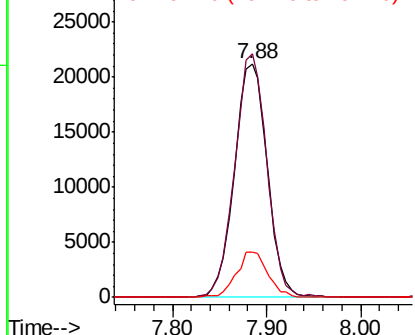
#35
 Dibromofluoromethane
 Concen: 54.778 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

Tgt Ion:113 Resp: 51692
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.8 122.8
 192 18.6 12.8 19.2

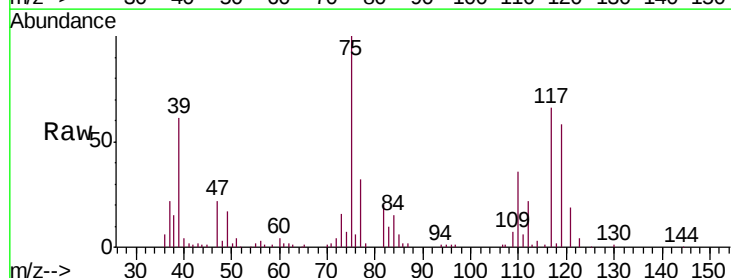


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

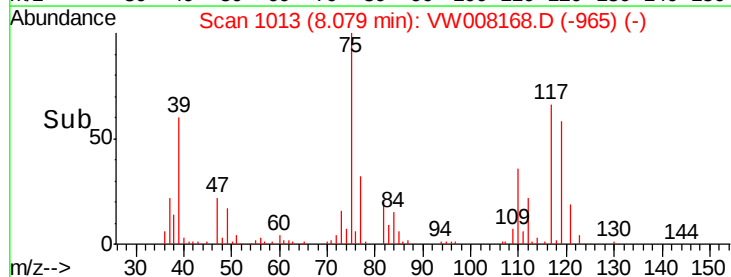
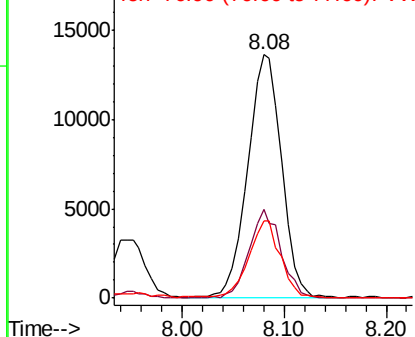


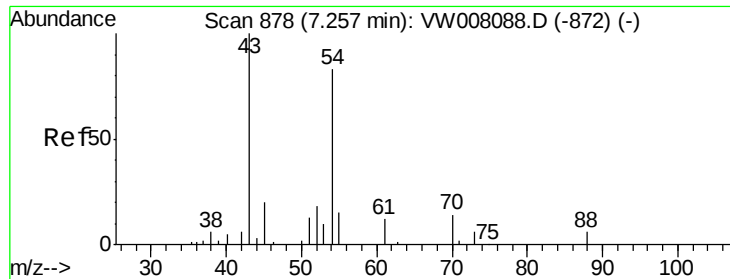
#36
 1,1-Dichloropropene
 Concen: 18.975 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 75 Resp: 31625
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.1 51.3
 77 30.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

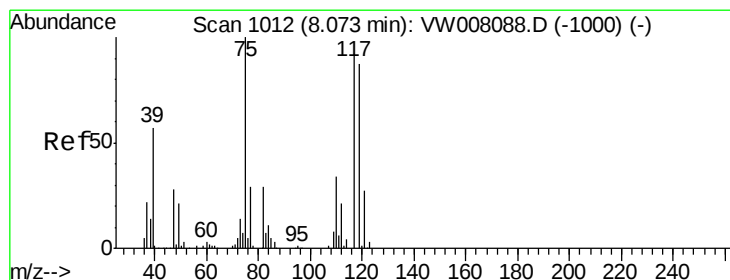
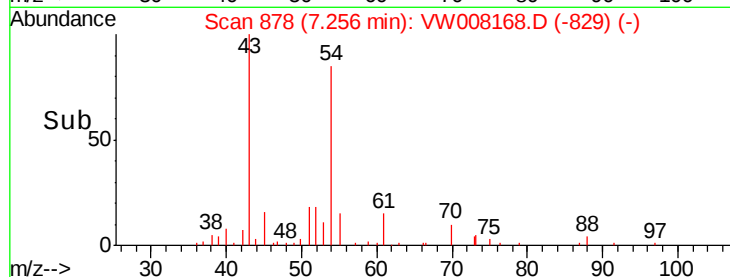
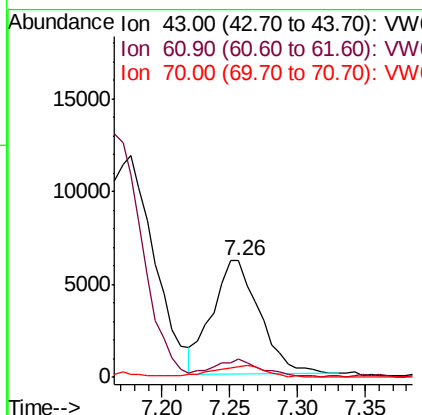
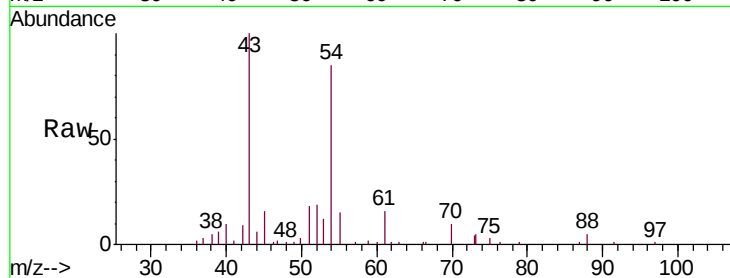




#37
 Ethyl Acetate
 Concen: 22.363 ug/l
 RT: 7.26 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

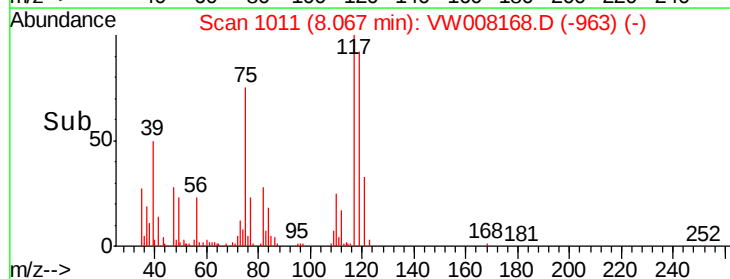
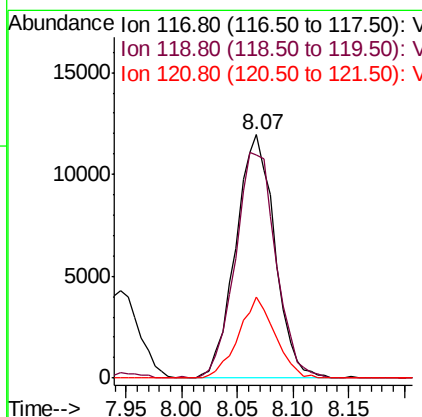
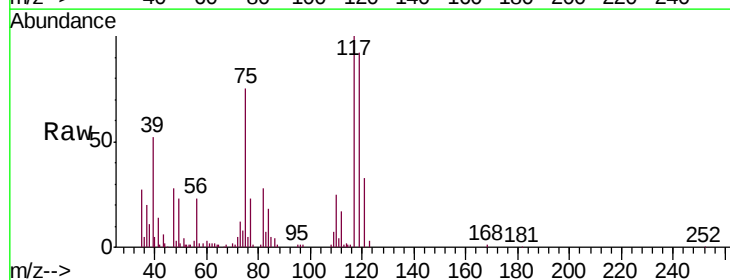
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

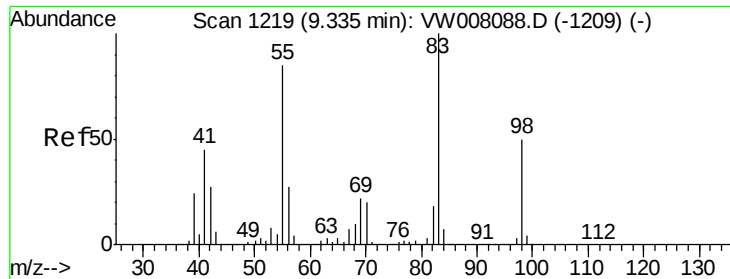
Tgt Ion: 43 Resp: 14932
 Ion Ratio Lower Upper
 43 100
 61 15.9 10.6 16.0
 70 11.5 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 19.085 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 117 Resp: 29114
 Ion Ratio Lower Upper
 117 100
 119 91.7 75.8 113.8
 121 33.3 23.7 35.5

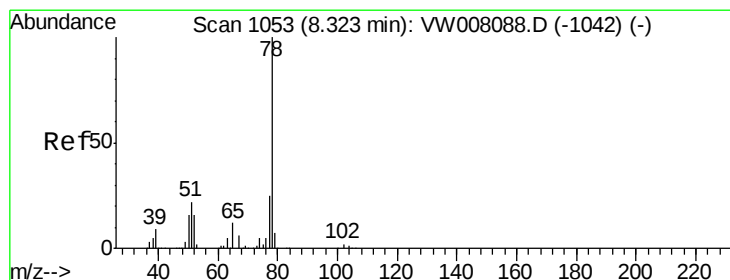
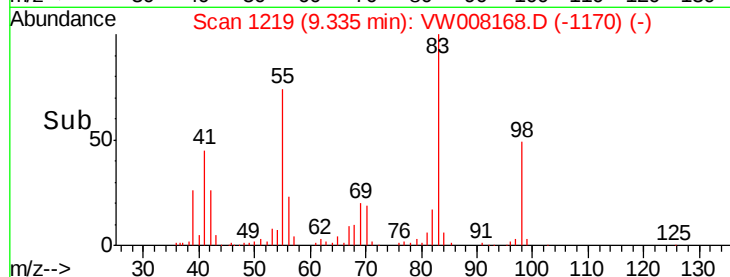
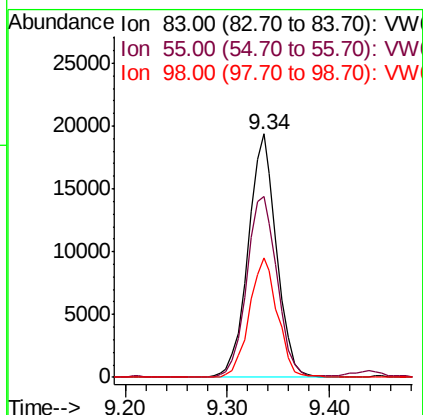
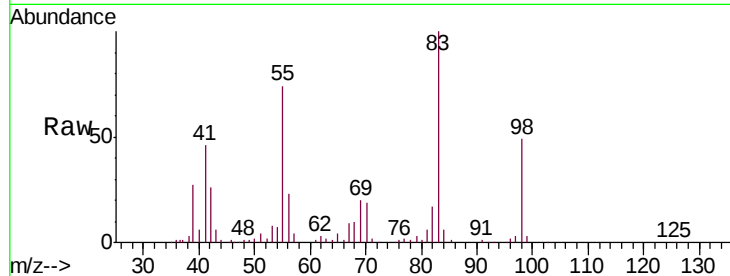




#39
Methylcyclohexane
Concen: 17.728 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

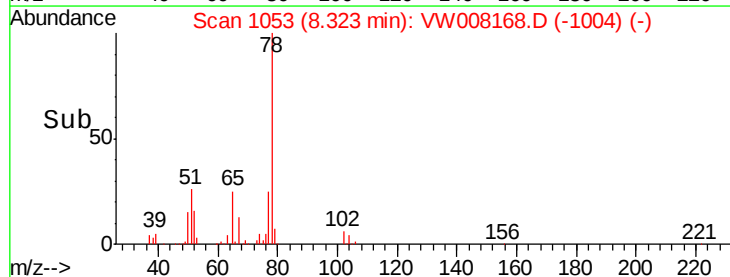
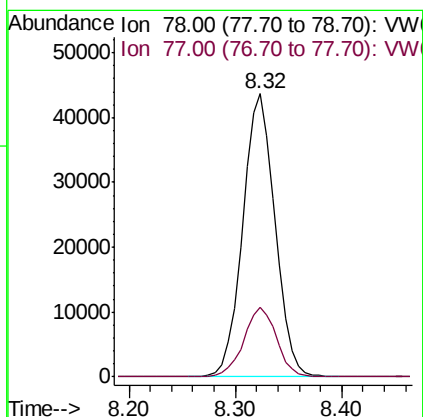
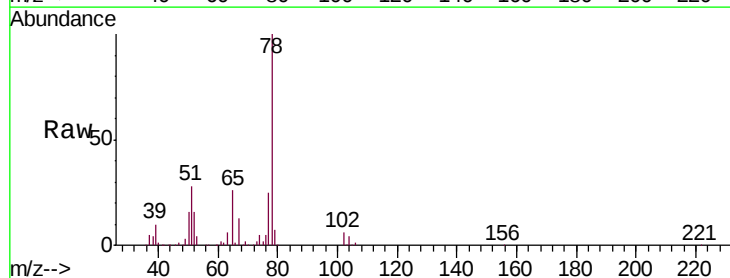
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

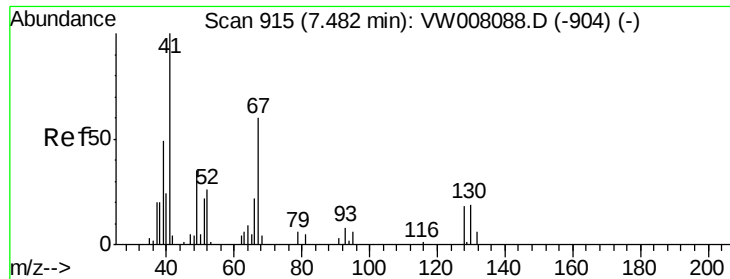
Tgt Ion: 83 Resp: 37465
Ion Ratio Lower Upper
83 100
55 74.2 67.8 101.6
98 49.3 40.2 60.4



#40
Benzene
Concen: 20.494 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 78 Resp: 92642
Ion Ratio Lower Upper
78 100
77 24.6 20.2 30.4

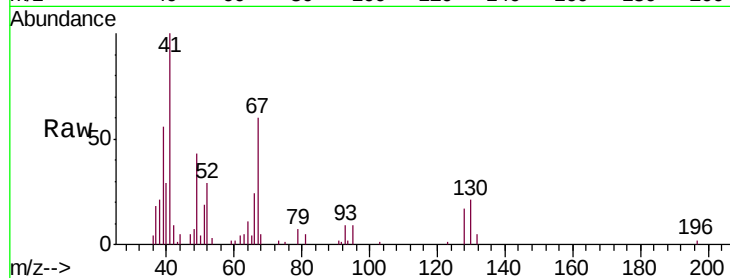




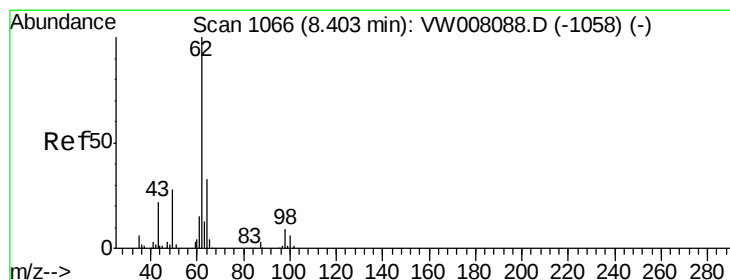
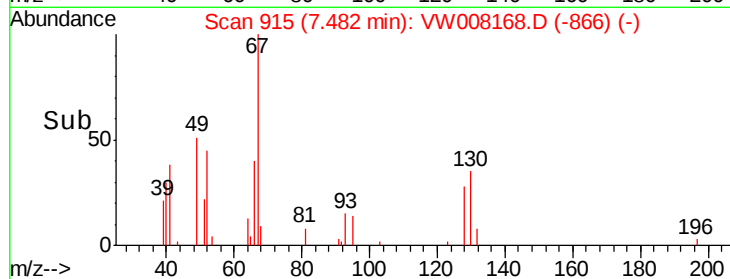
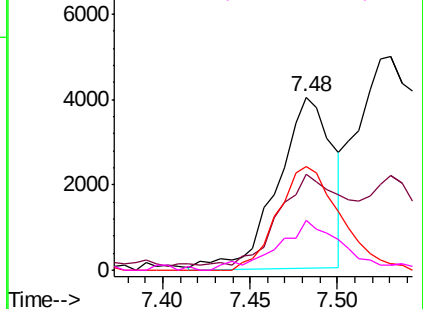
#41
Methacrylonitrile
Concen: 20.858 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Tgt Ion:	41	Resp:	8798
Ion	Ratio	Lower	Upper
41	100		
39	64.7	47.9	71.9
67	69.8	56.3	84.5
52	35.5	24.5	36.7

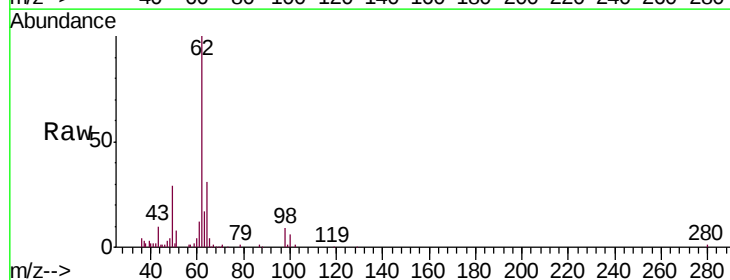


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

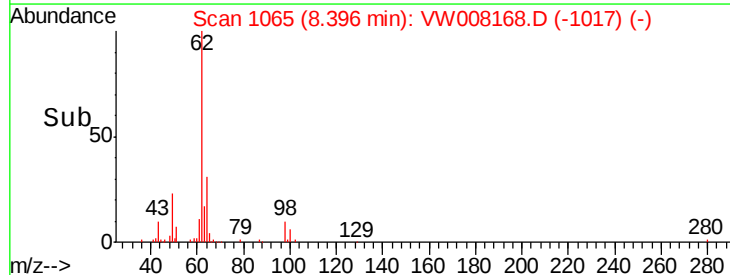
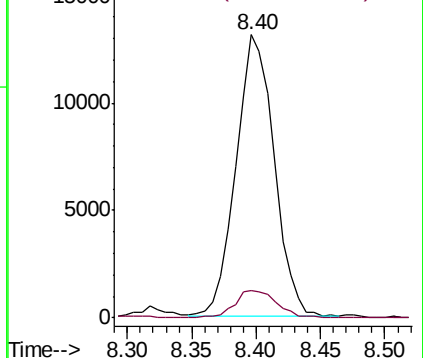


#42
1,2-Dichloroethane
Concen: 21.200 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:	62	Resp:	26954
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	18.6



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 22.686 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

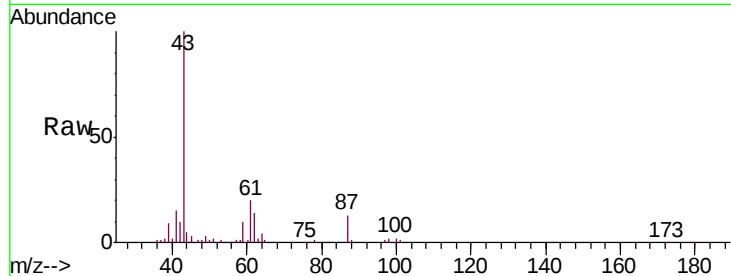
Tgt Ion: 43 Resp: 30286

Ion Ratio Lower Upper

43 100

61 30.4 24.8 37.2

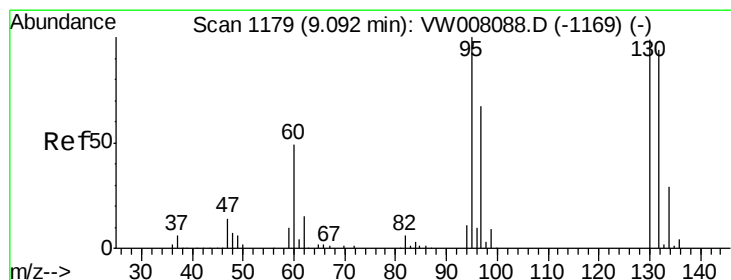
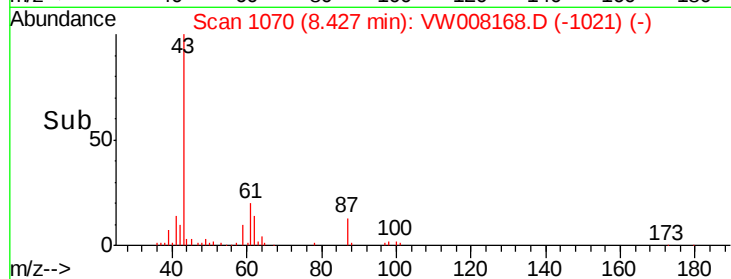
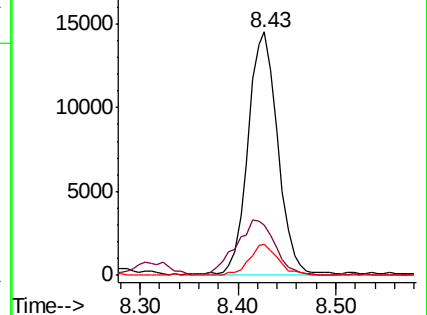
87 12.6 10.4 15.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.020 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW008168.D

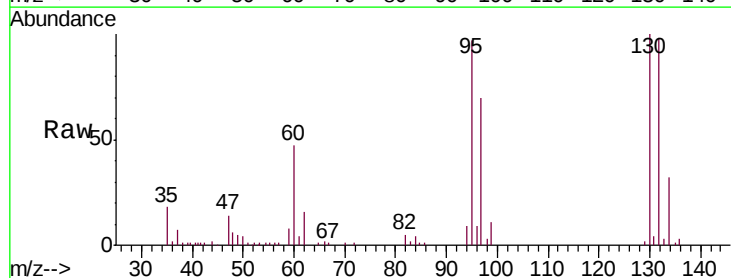
Acq: 11 Jan 2019 01:34

Tgt Ion: 130 Resp: 23167

Ion Ratio Lower Upper

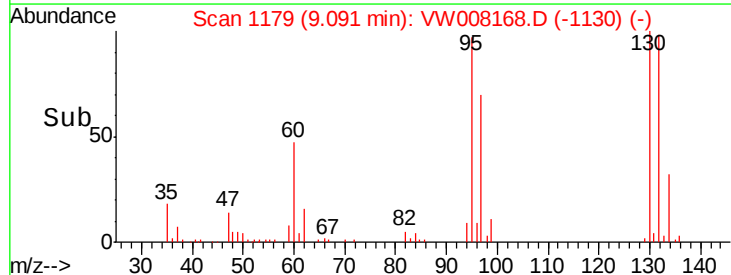
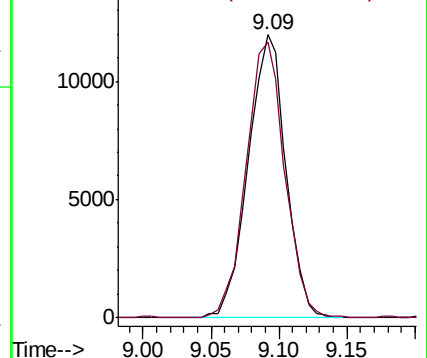
130 100

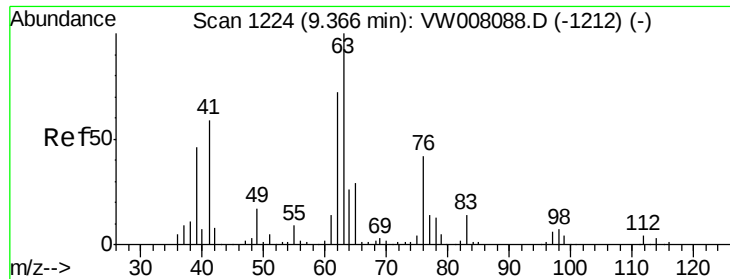
95 97.4 0.0 202.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.484 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

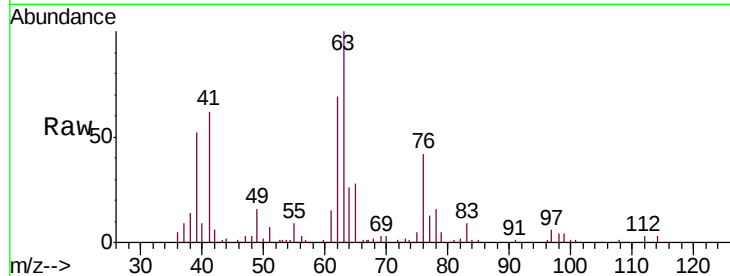
VW0110SBS02

Tgt Ion: 63 Resp: 22960

Ion Ratio Lower Upper

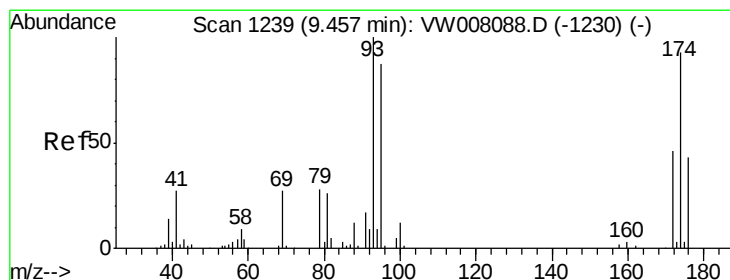
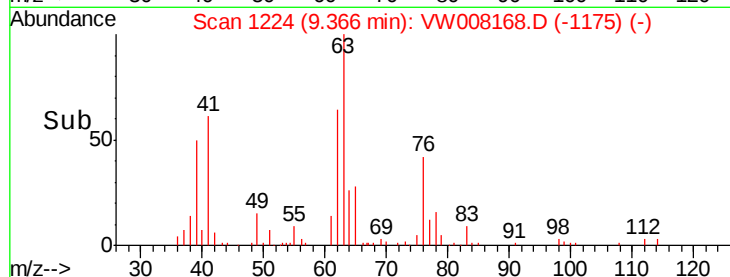
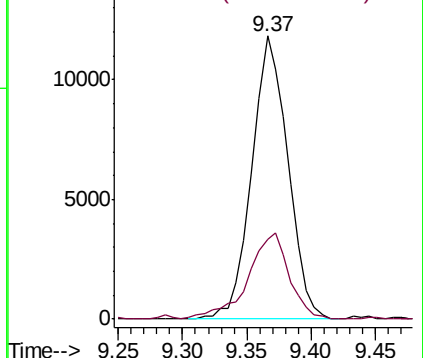
63 100

65 28.4 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 22.573 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

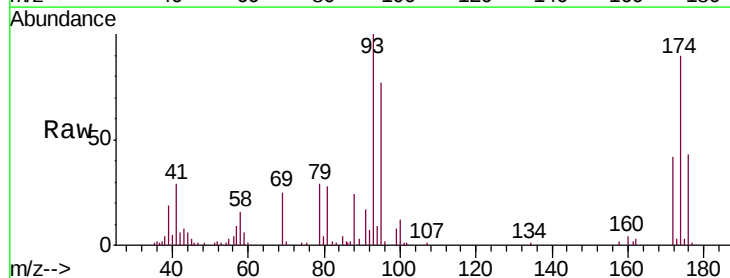
Tgt Ion: 93 Resp: 12426

Ion Ratio Lower Upper

93 100

95 82.7 67.5 101.3

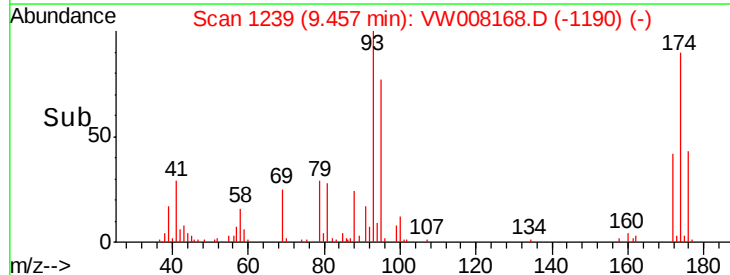
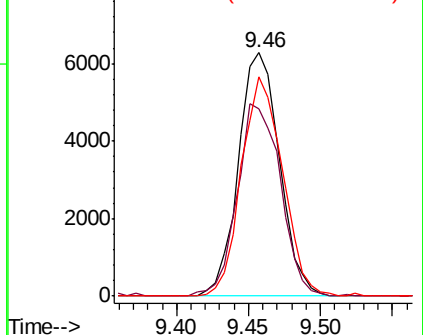
174 90.1 72.5 108.7

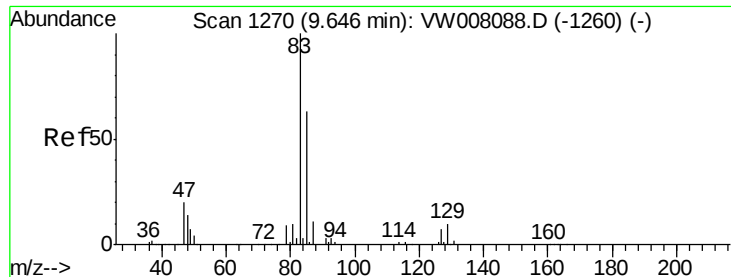


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.347 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

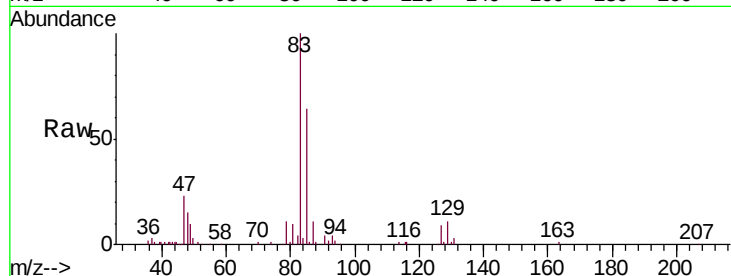
Tgt Ion: 83 Resp: 29838

Ion Ratio Lower Upper

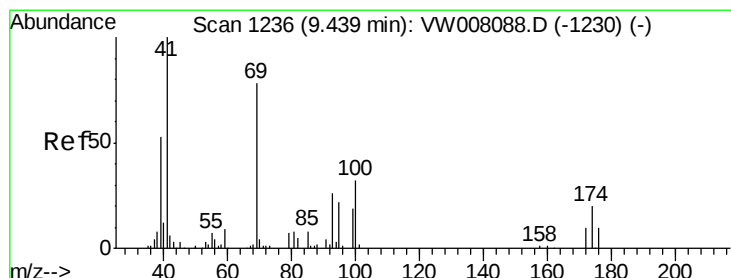
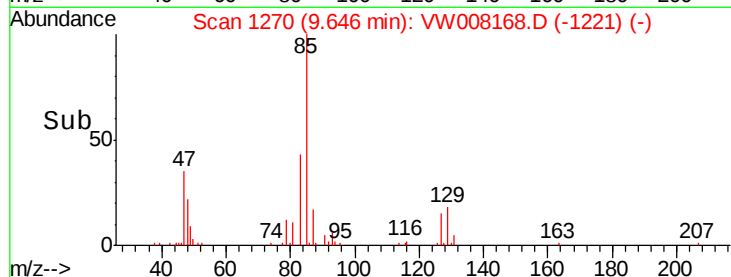
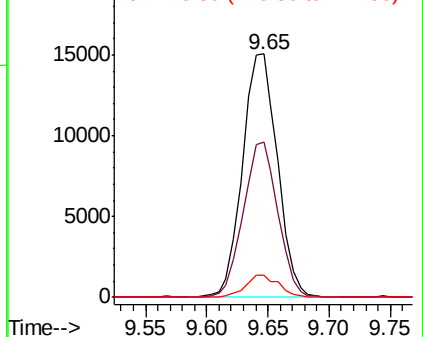
83 100

85 63.7 50.7 76.1

127 9.4 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): V



#48

Methyl methacrylate

Concen: 20.718 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

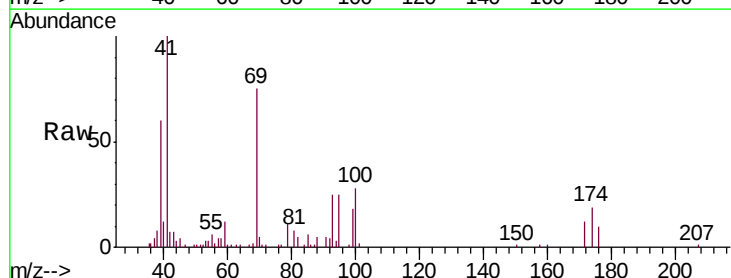
Tgt Ion: 41 Resp: 13051

Ion Ratio Lower Upper

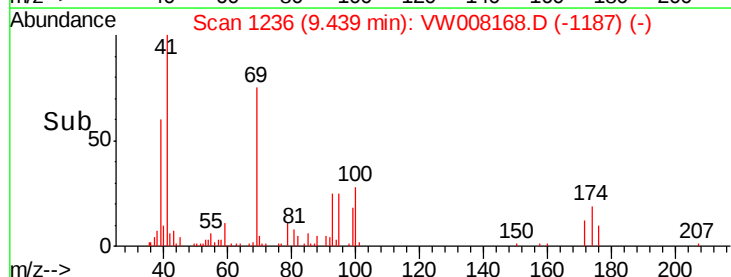
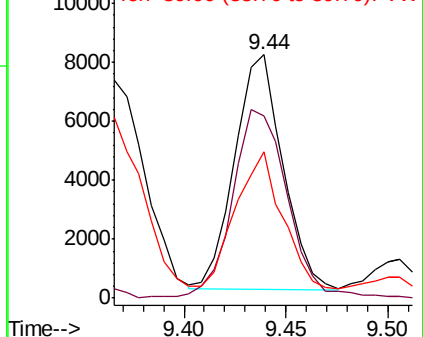
41 100

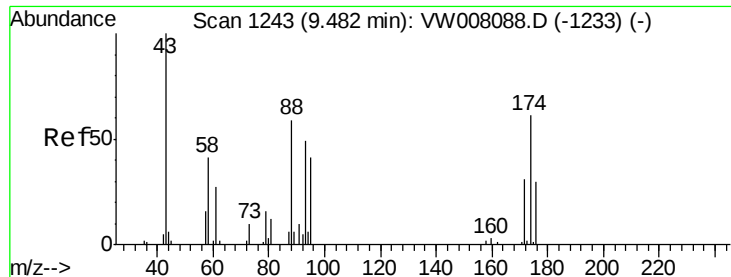
69 92.4 61.9 92.9

39 63.1 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

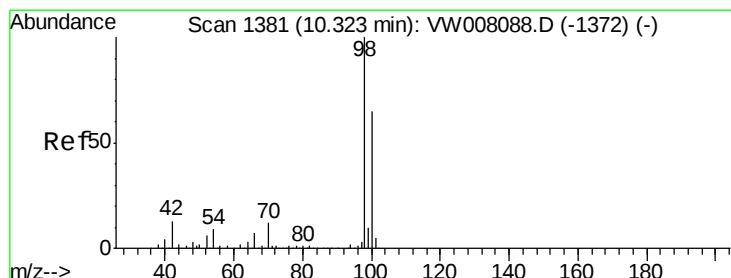
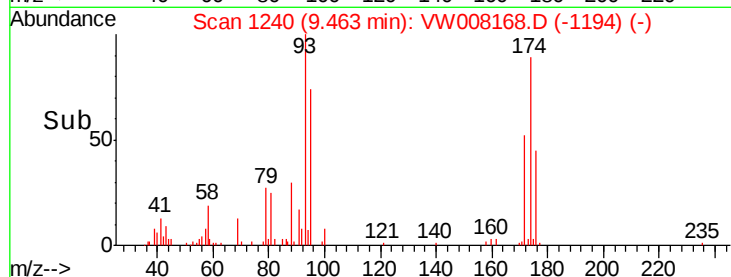
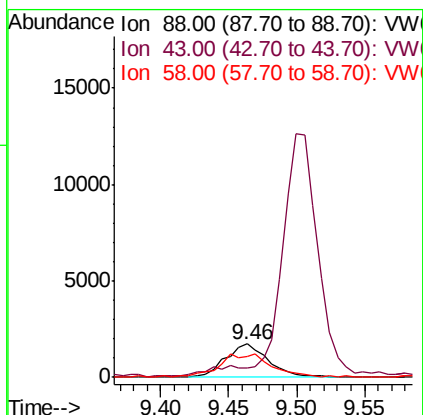
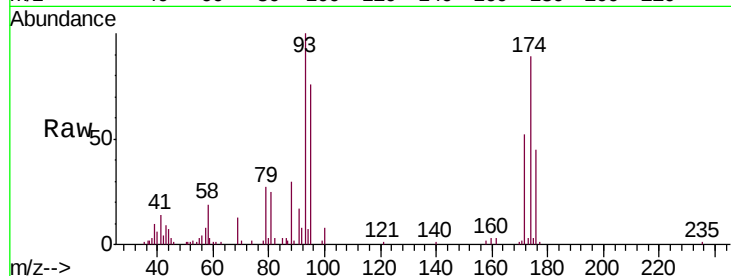




#49
1,4-Dioxane
Concen: 428.574 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. -0.02 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

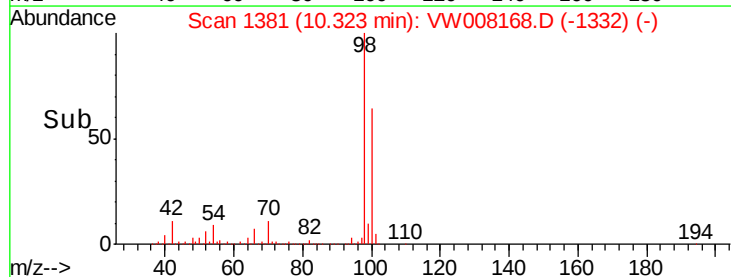
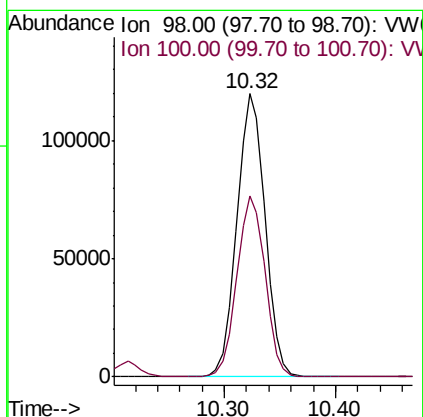
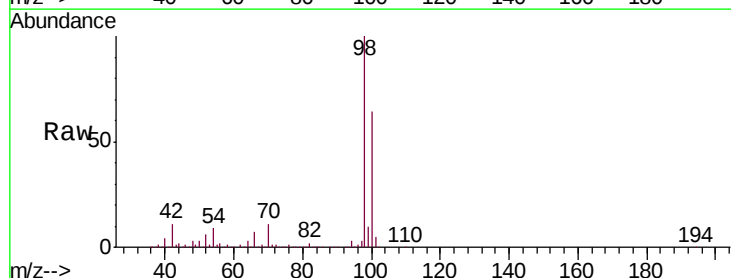
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

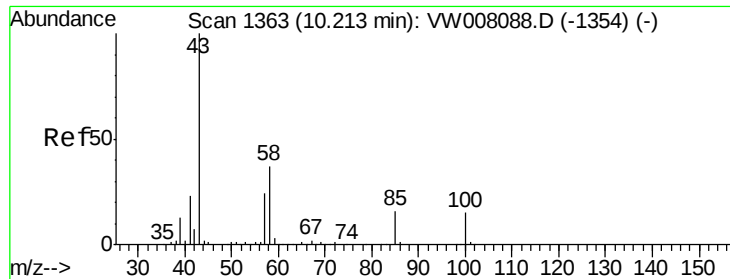
Tgt Ion: 88 Resp: 3794
Ion Ratio Lower Upper
88 100
43 21.2 0.0 0.0#
58 86.3 61.7 92.5



#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 98 Resp: 209369
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

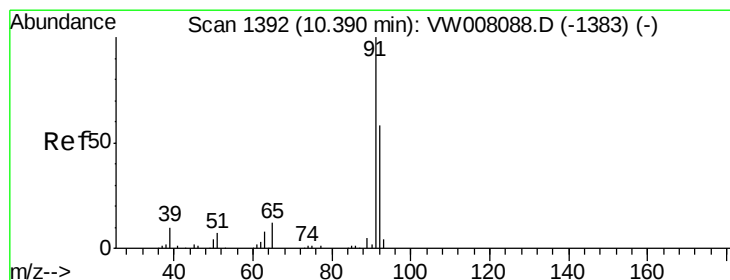
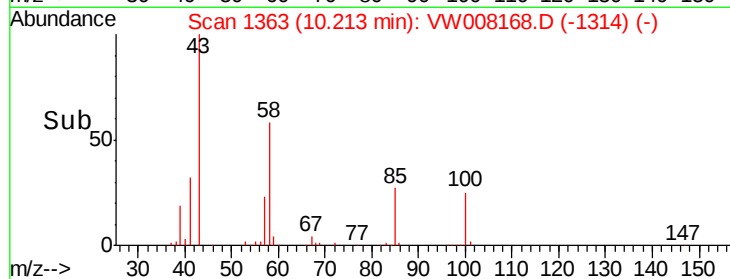
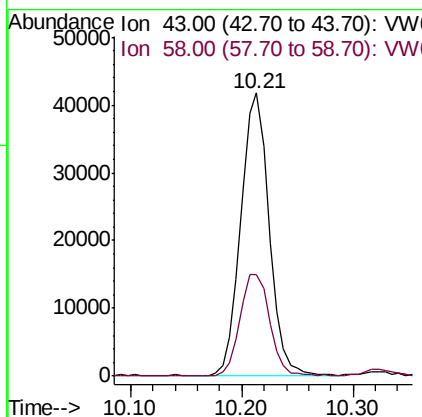
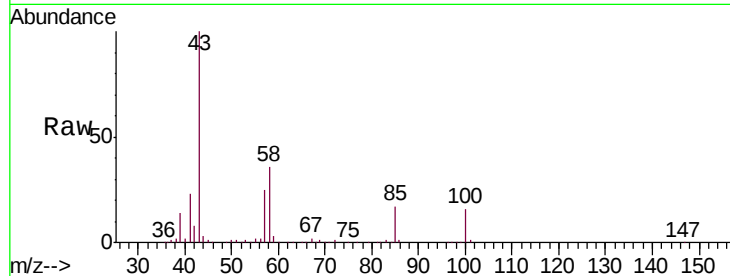




#51
 4-Methyl-2-Pentanone
 Concen: 114.087 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

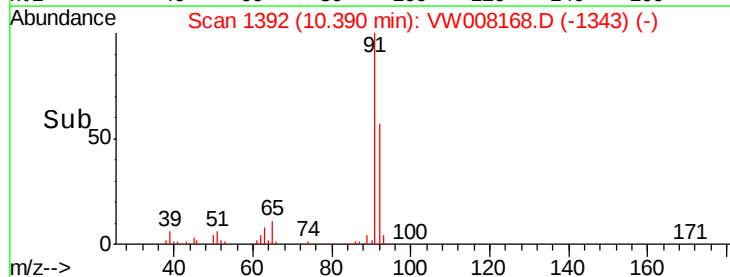
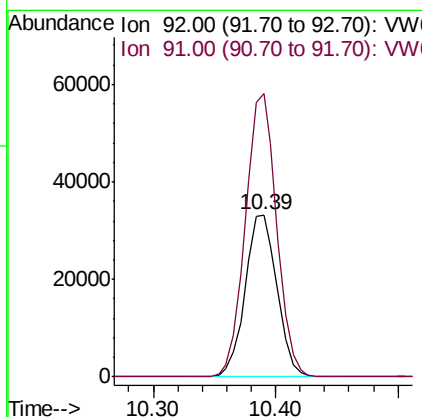
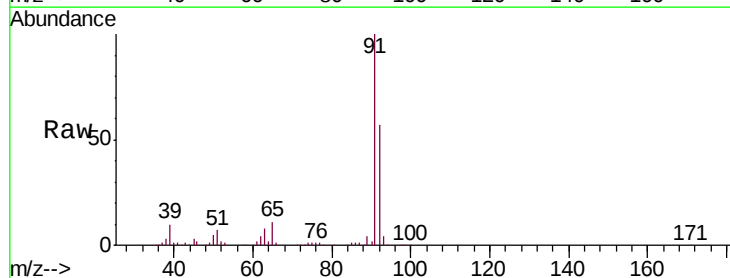
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

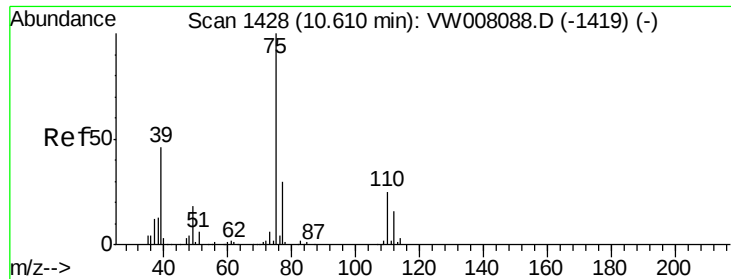
Tgt Ion: 43 Resp: 73726
 Ion Ratio Lower Upper
 43 100
 58 38.3 30.6 46.0



#52
 Toluene
 Concen: 20.775 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 92 Resp: 59977
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 20.792 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

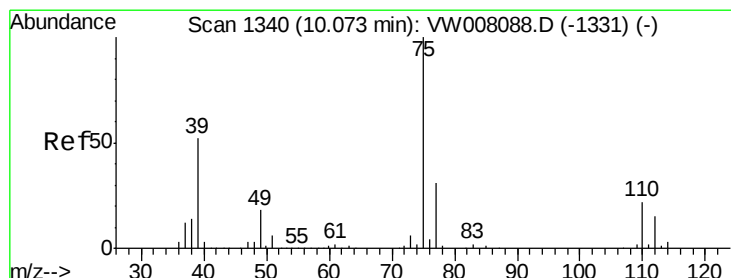
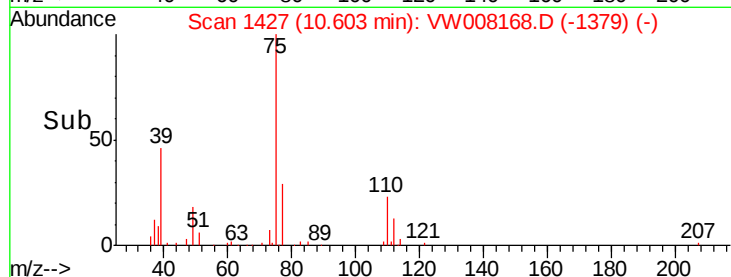
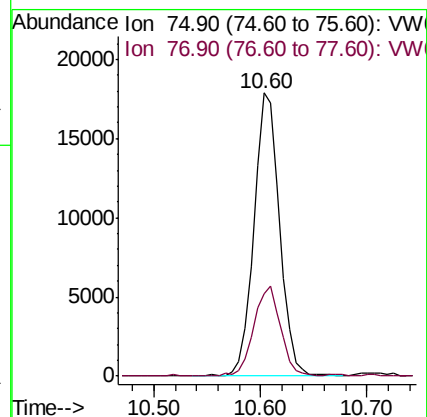
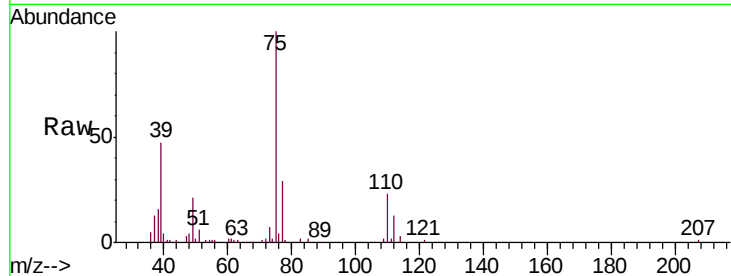
VW0110SBS02

Tgt Ion: 75 Resp: 30230

Ion Ratio Lower Upper

75 100

77 29.1 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 19.897 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

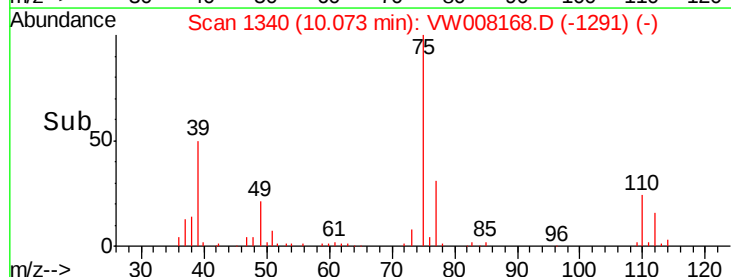
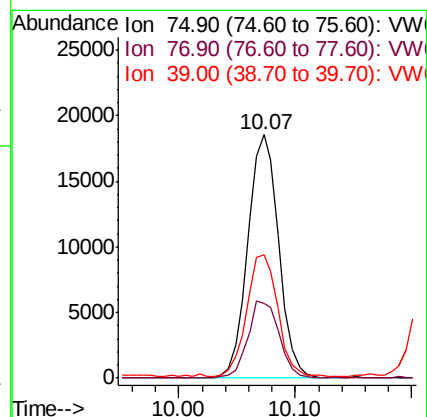
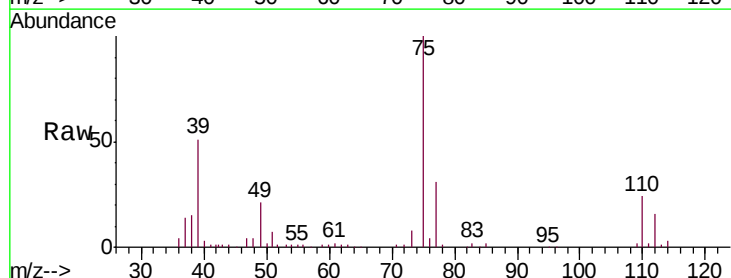
Tgt Ion: 75 Resp: 34304

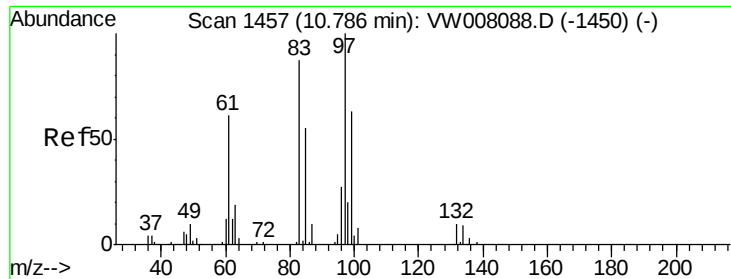
Ion Ratio Lower Upper

75 100

77 30.7 25.2 37.8

39 49.7 41.4 62.0

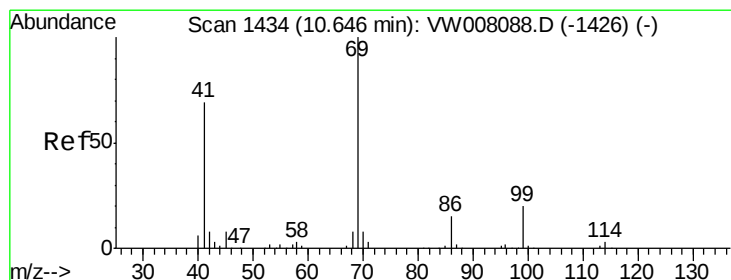
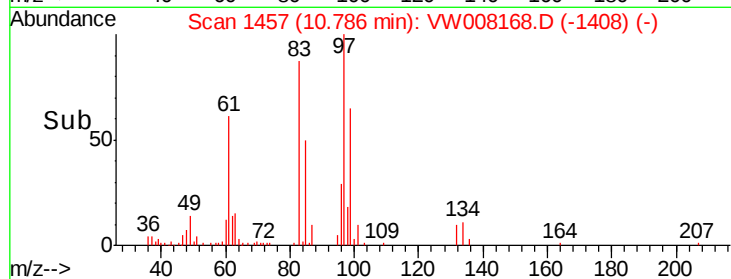
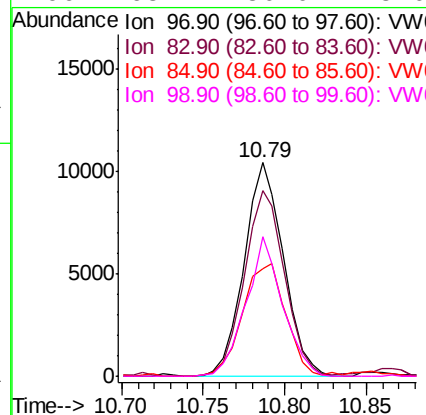
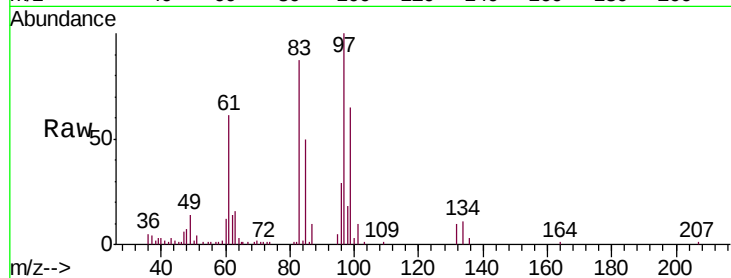




#55
 1,1,2-Trichloroethane
 Concen: 22.578 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

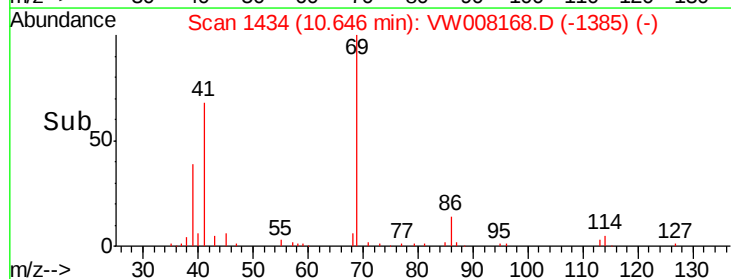
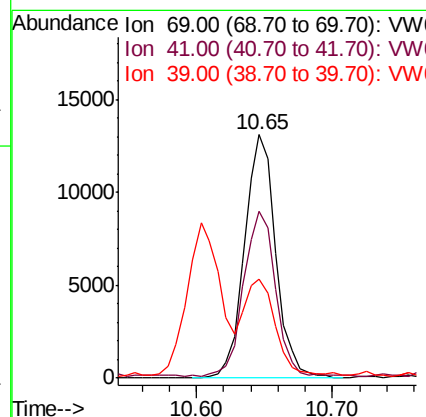
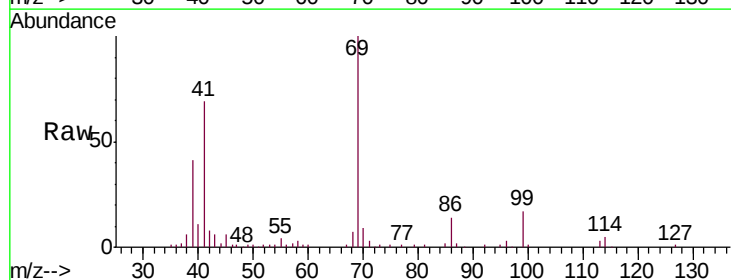
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

Tgt Ion:	97	Resp:	17450
Ion	Ratio	Lower	Upper
97	100		
83	86.9	69.3	103.9
85	50.4	43.8	65.6
99	65.1	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 21.906 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion:	69	Resp:	20967
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.4	84.6
39	39.6	28.1	42.1

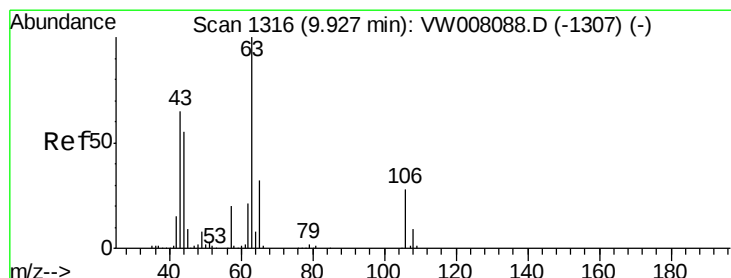
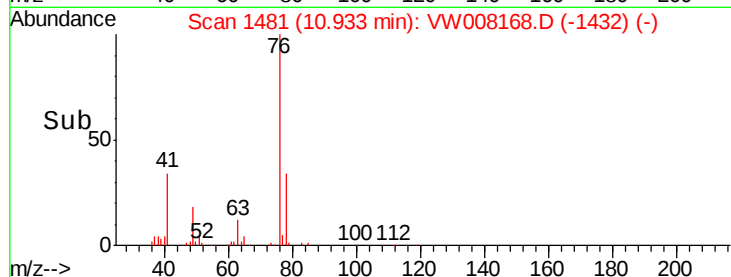
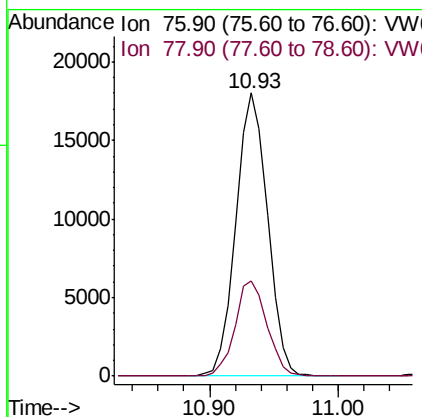
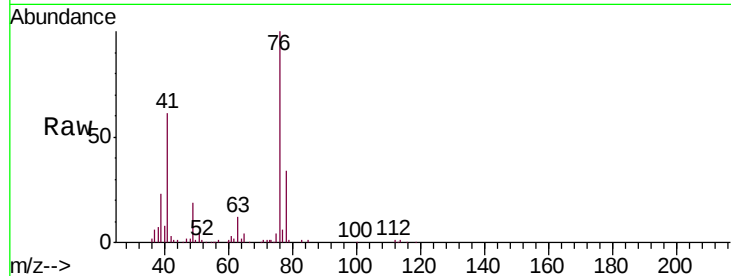




#57
 1,3-Dichloropropane
 Concen: 21.667 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

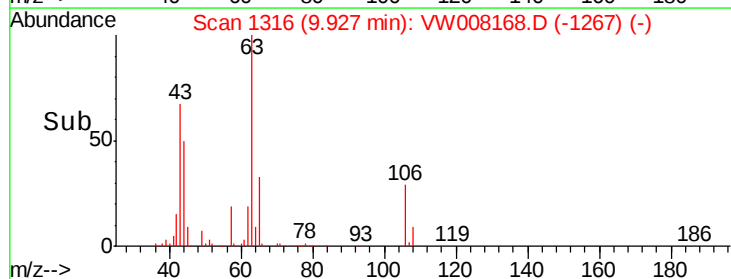
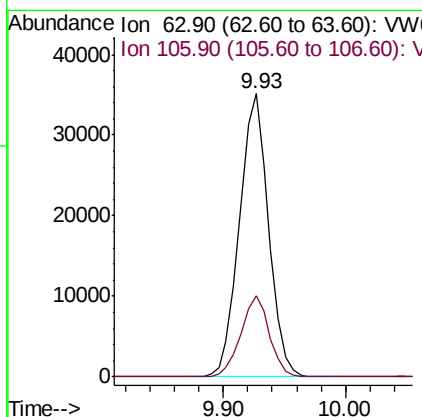
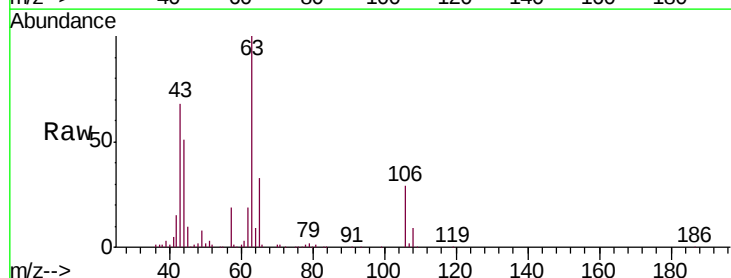
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

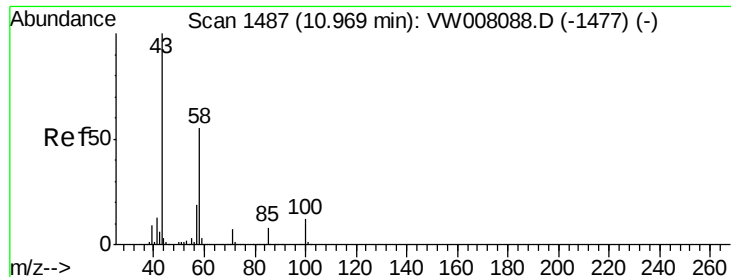
Tgt Ion: 76 Resp: 30625
 Ion Ratio Lower Upper
 76 100
 78 34.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 116.947 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 63 Resp: 57819
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.8 32.6

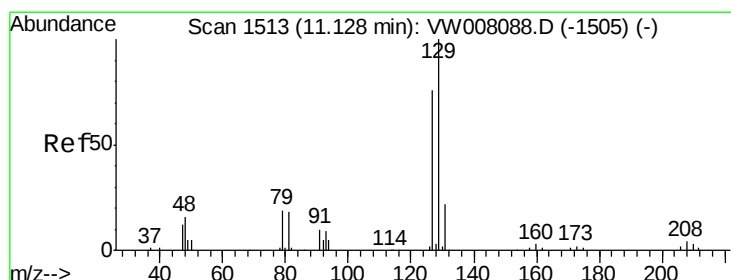
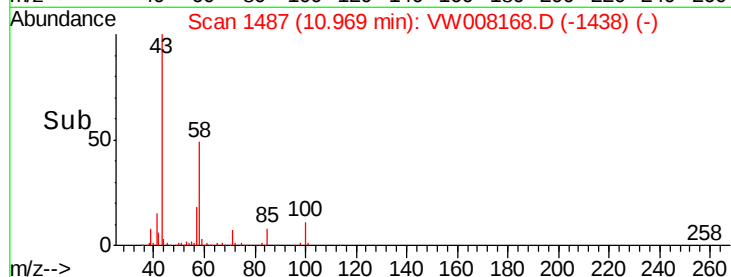
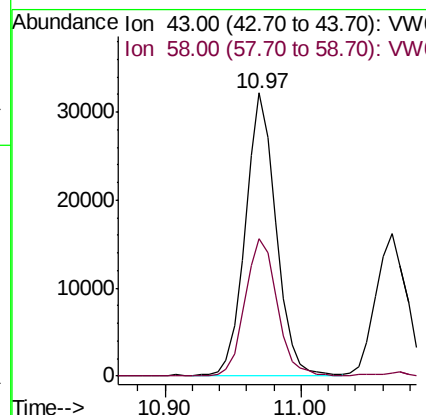
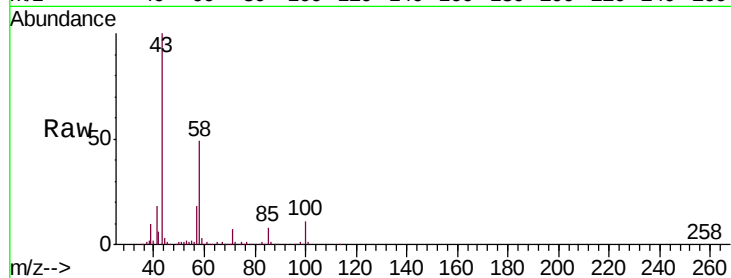




#59
2-Hexanone
Concen: 114.821 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

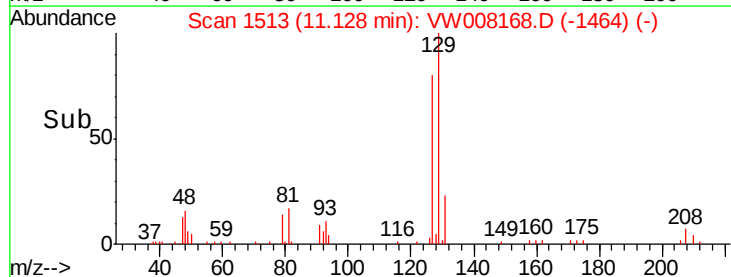
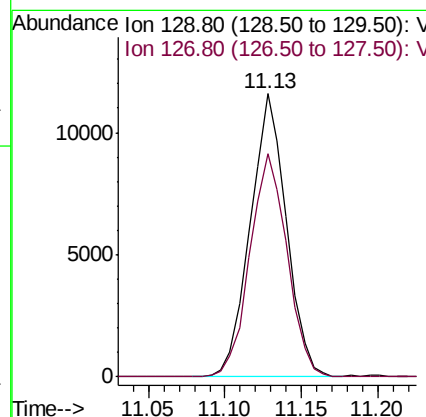
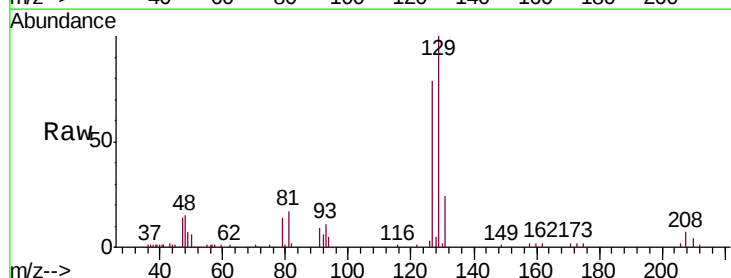
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

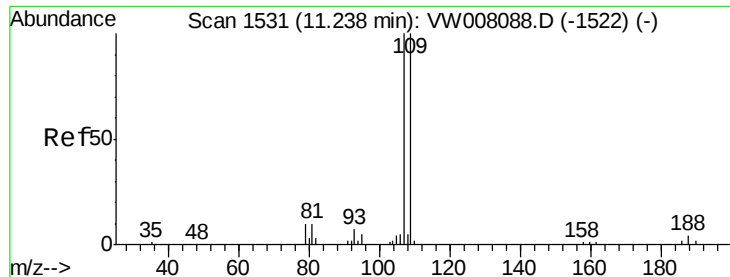
Tgt Ion: 43 Resp: 50178
Ion Ratio Lower Upper
43 100
58 51.4 27.2 81.5



#60
Dibromochloromethane
Concen: 22.404 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 129 Resp: 19014
Ion Ratio Lower Upper
129 100
127 80.9 38.9 116.6

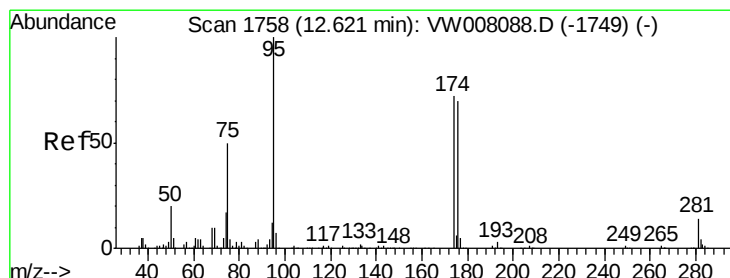
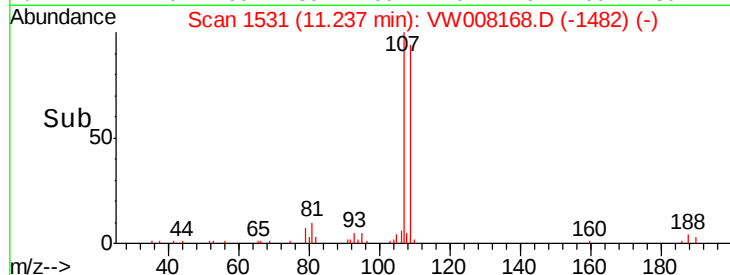
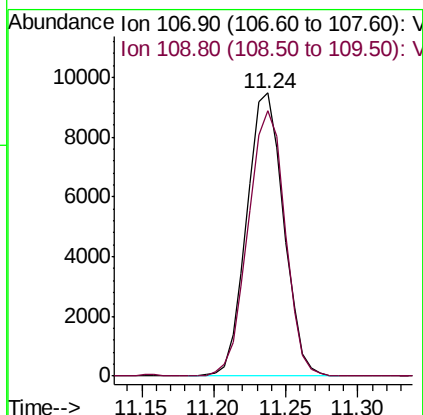
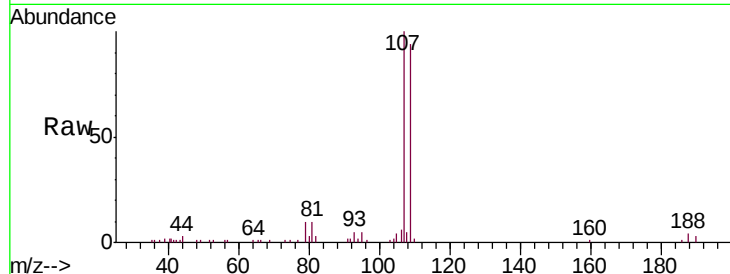




#61
 1,2-Dibromoethane
 Concen: 22.936 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

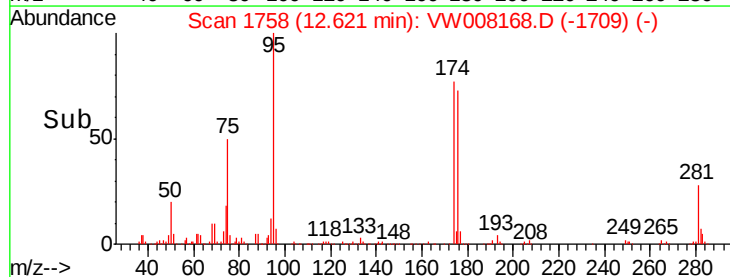
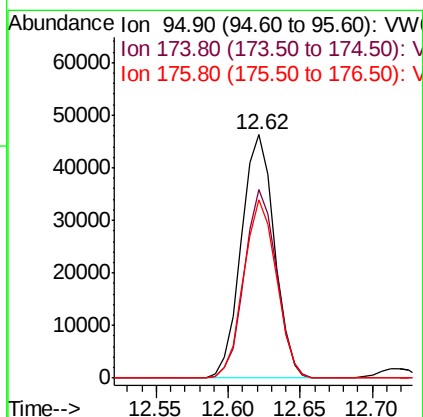
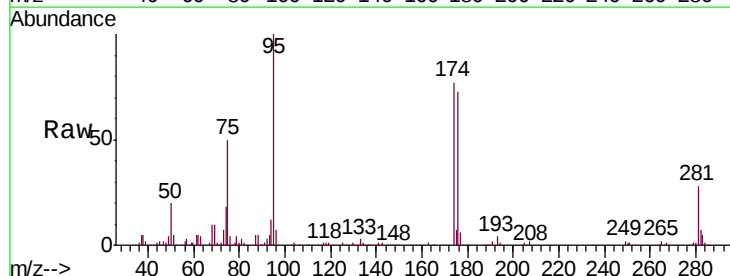
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

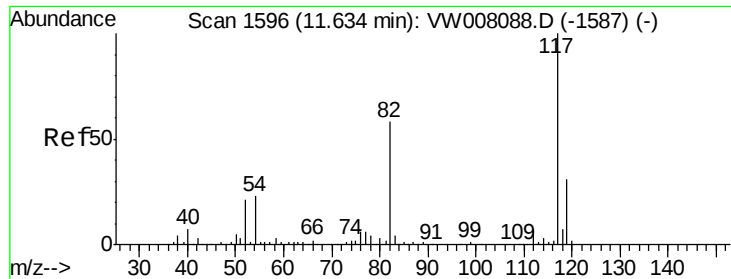
Tgt Ion: 107 Resp: 16820
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.064 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 95 Resp: 73913
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 143.0
 176 72.5 0.0 140.2

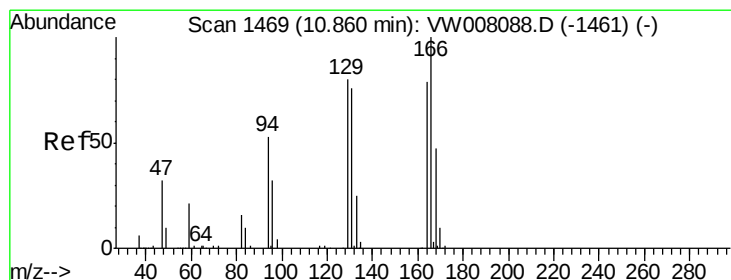
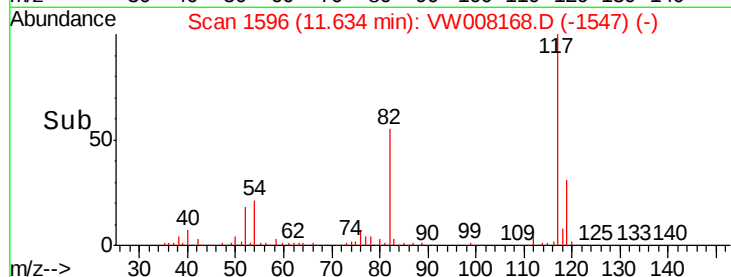
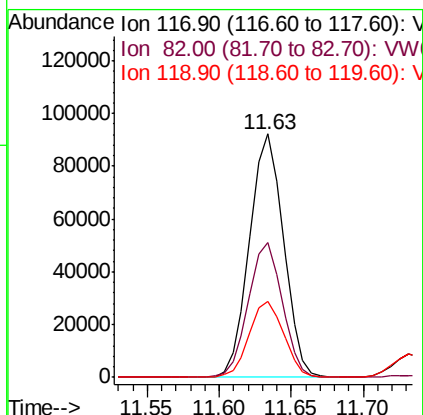
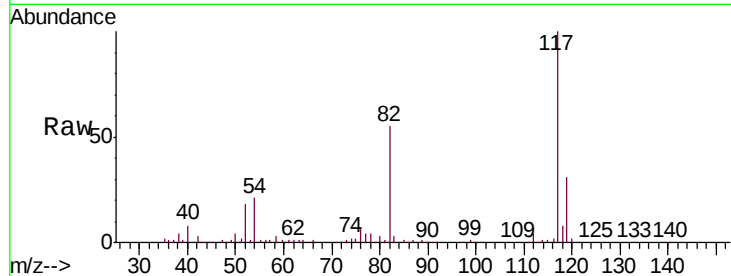




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

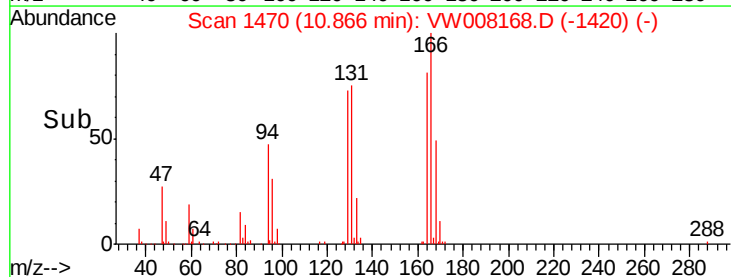
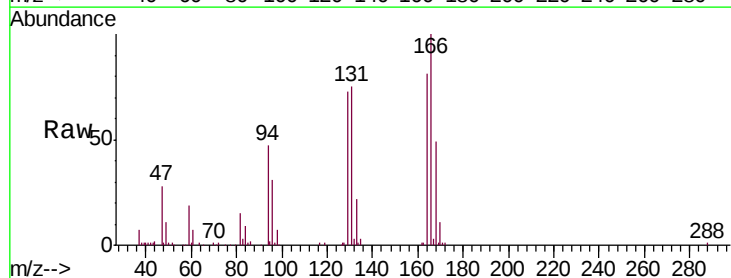
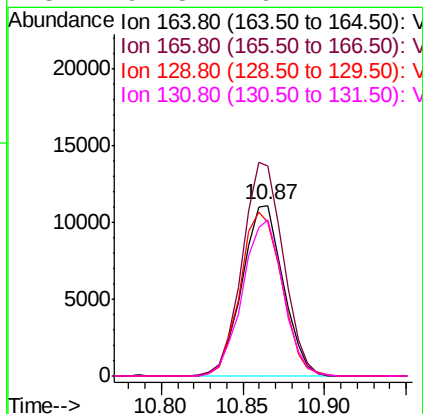
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

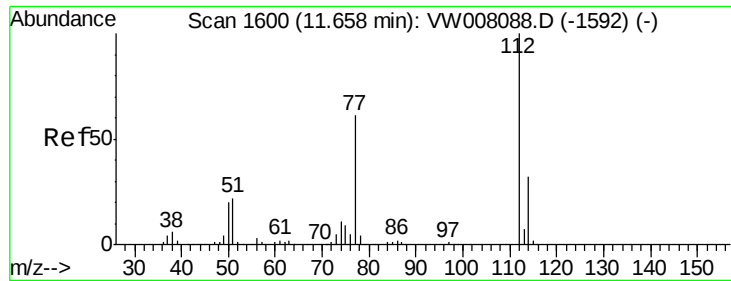
Tgt Ion:117 Resp: 150962
Ion Ratio Lower Upper
117 100
82 55.2 46.4 69.6
119 31.1 24.7 37.1



#64
Tetrachloroethene
Concen: 19.945 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:164 Resp: 19595
Ion Ratio Lower Upper
164 100
166 123.0 100.7 151.1
129 90.2 81.0 121.4
131 91.8 76.1 114.1

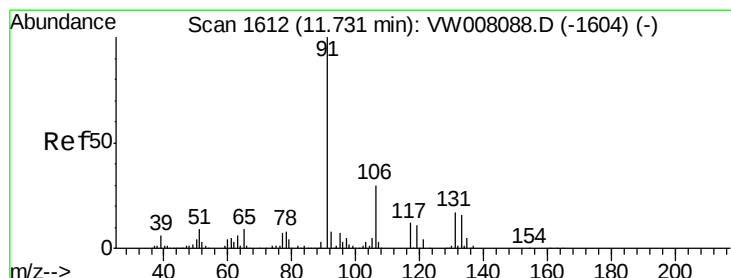
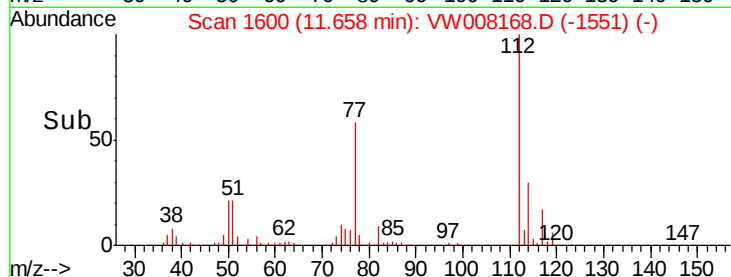
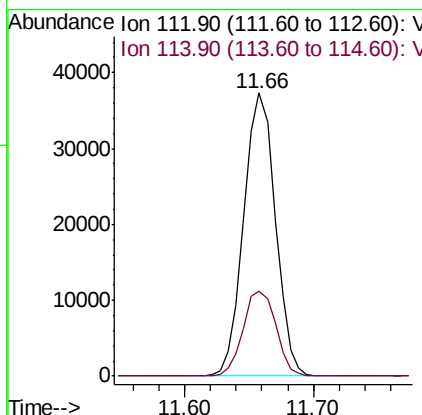
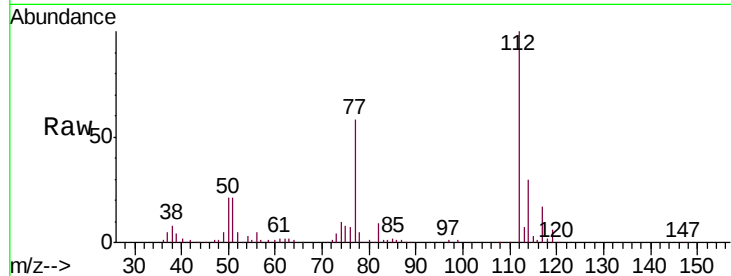




#65
Chlorobenzene
Concen: 19.813 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

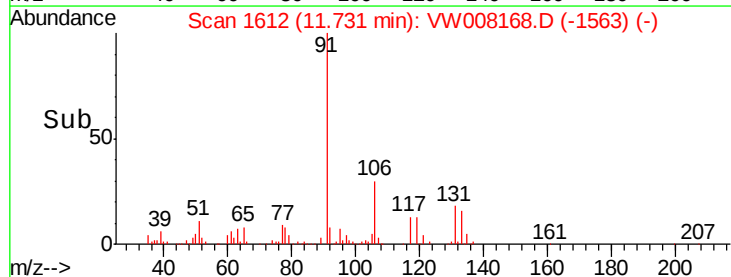
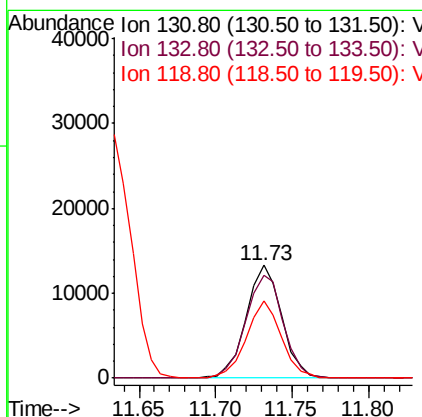
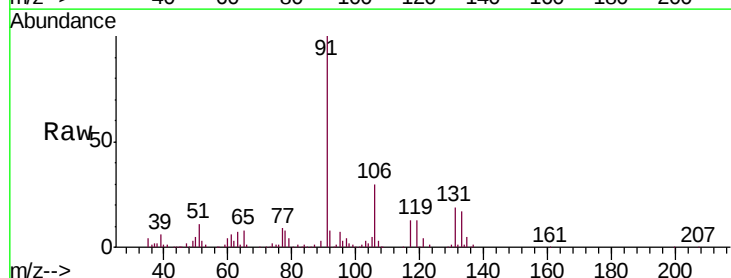
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

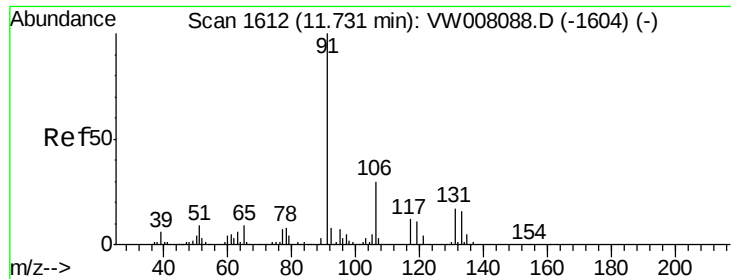
Tgt Ion:112 Resp: 63367
Ion Ratio Lower Upper
112 100
114 30.1 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.627 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:131 Resp: 21457
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 66.8 32.5 97.4

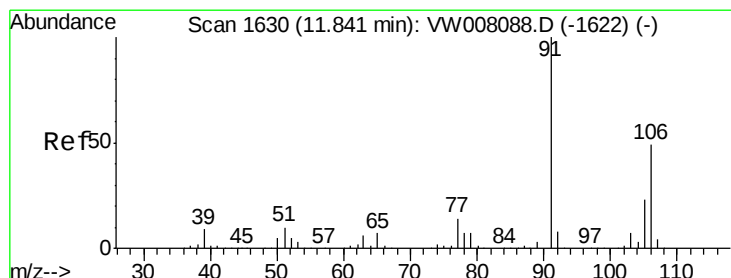
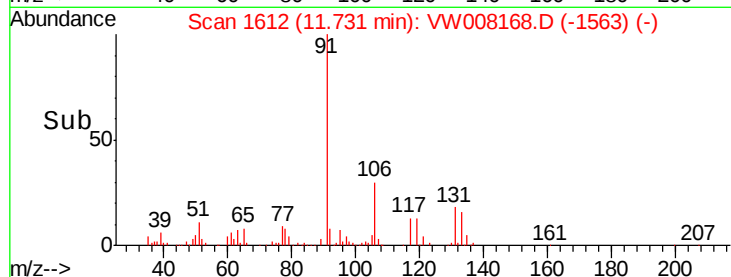
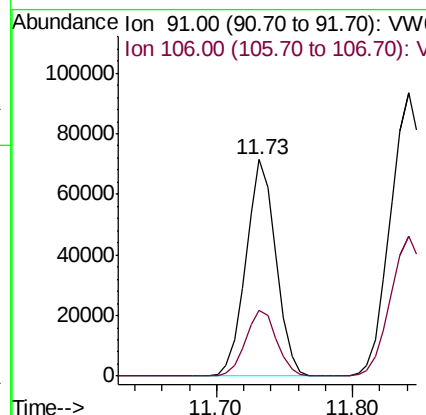
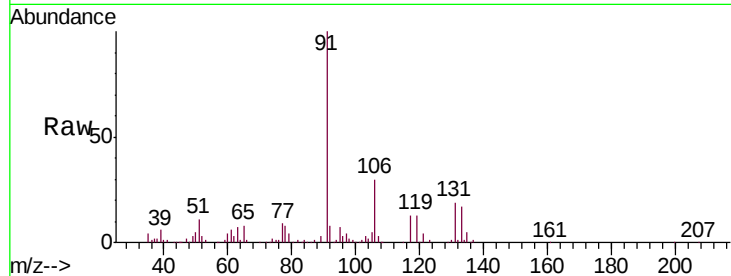




#67
Ethyl Benzene
Concen: 18.789 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

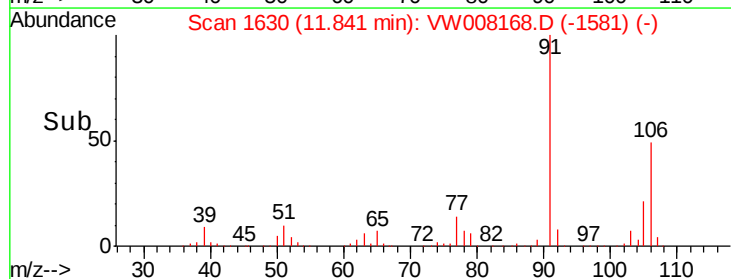
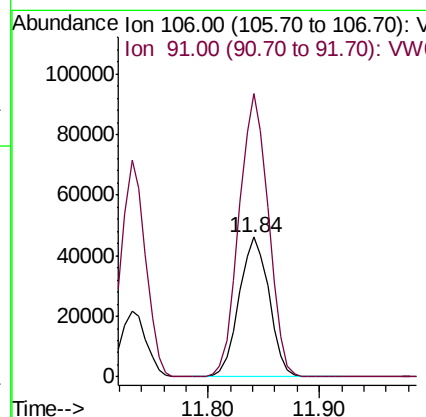
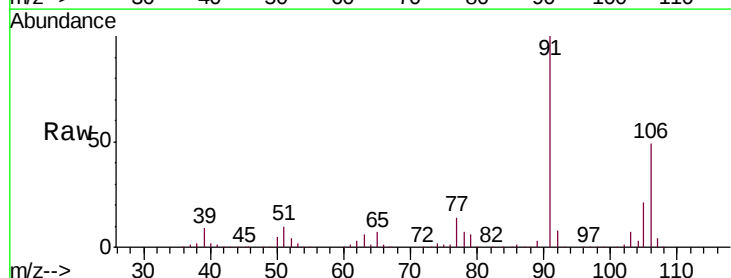
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

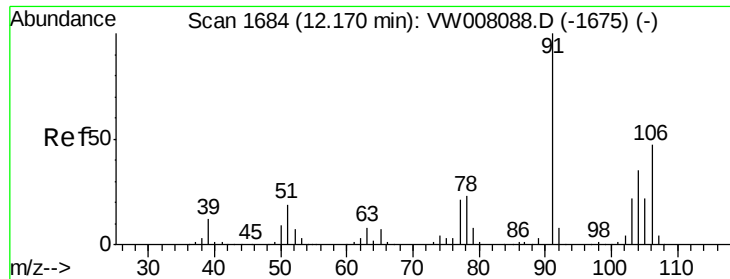
Tgt Ion: 91 Resp: 109952
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 38.472 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion: 106 Resp: 85932
Ion Ratio Lower Upper
106 100
91 198.3 162.4 243.6

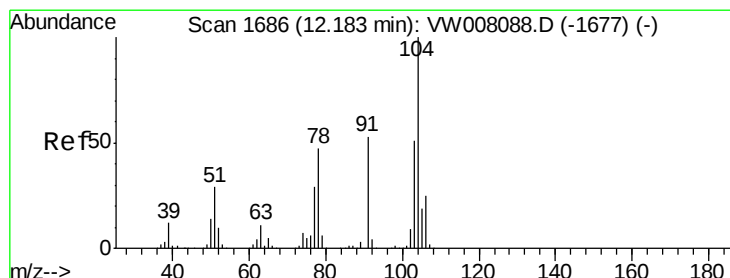
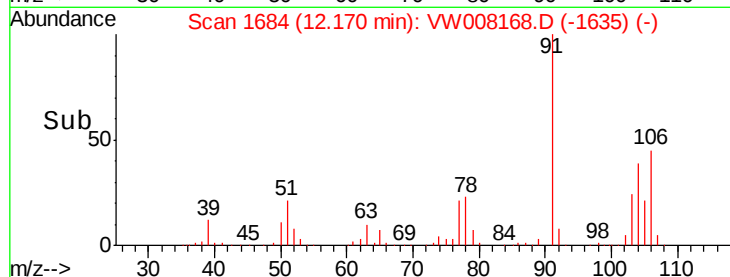
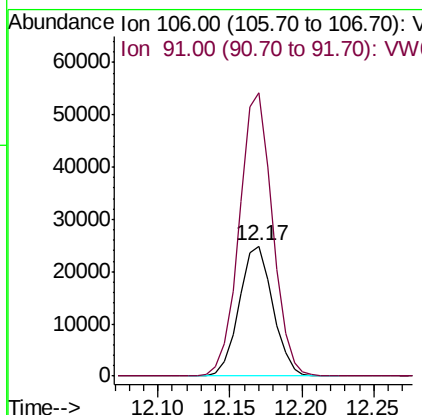
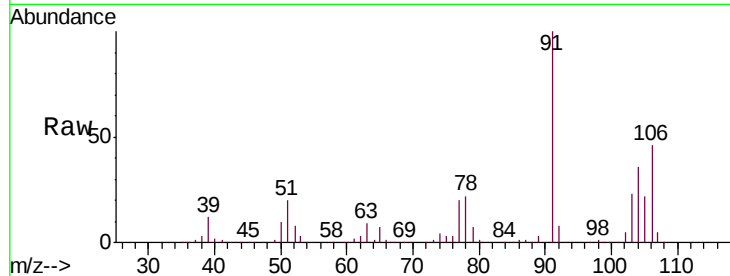




#69
o-Xylene
Concen: 19.496 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

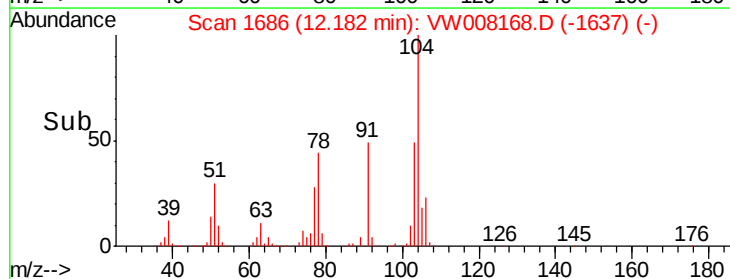
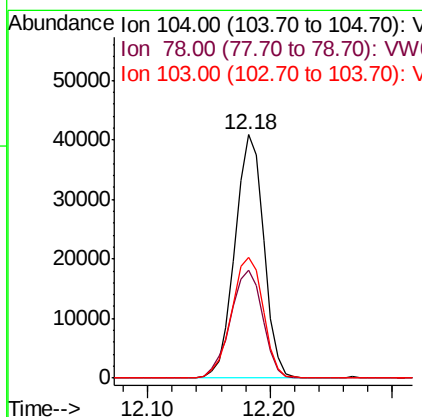
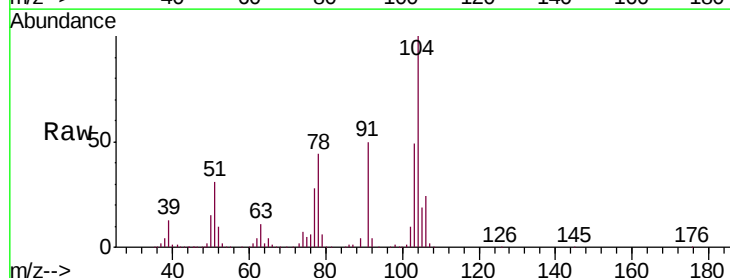
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

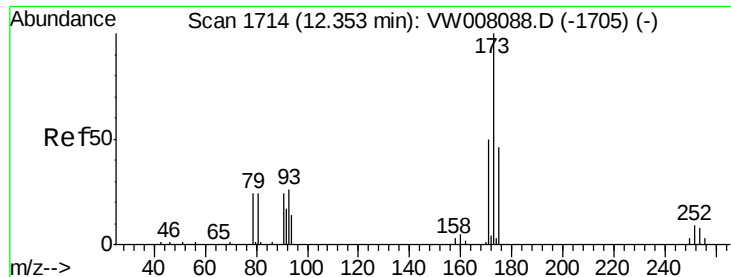
Tgt Ion:106 Resp: 40326
Ion Ratio Lower Upper
106 100
91 214.1 107.8 323.6



#70
Styrene
Concen: 20.541 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:104 Resp: 66547
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.3 43.8 65.8





#71

Bromoform

Concen: 22.788 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

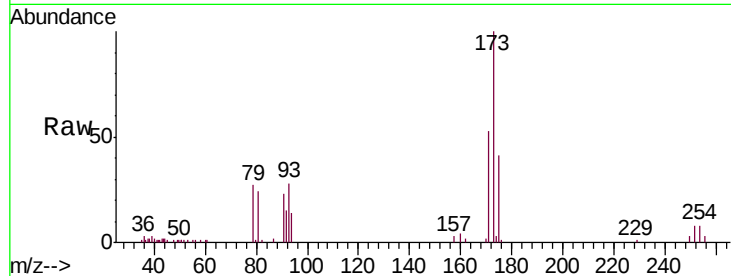
Tgt Ion:173 Resp: 10609

Ion Ratio Lower Upper

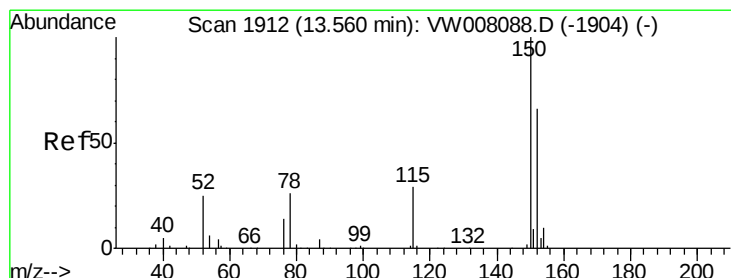
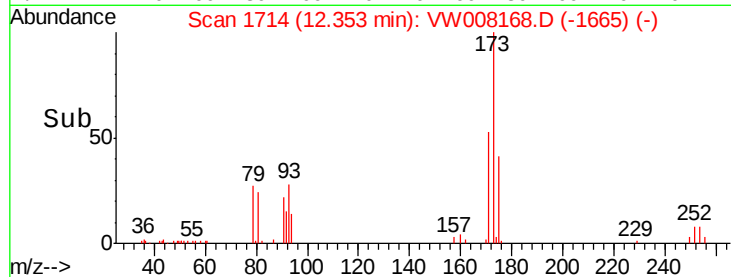
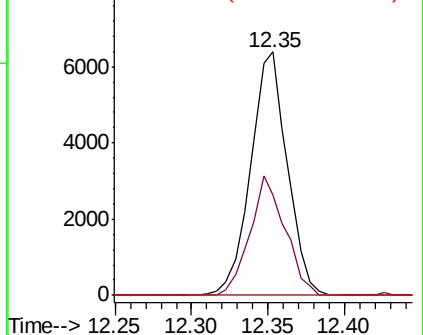
173 100

175 46.9 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: VW008168.D

Acq: 11 Jan 2019 01:34

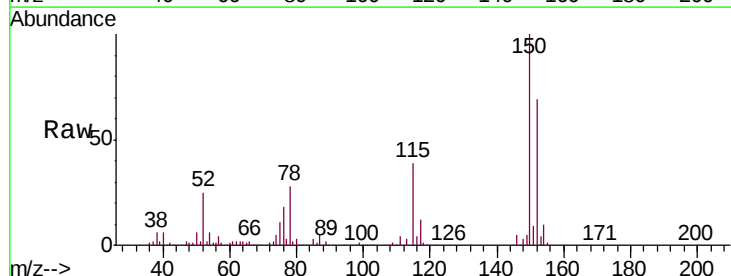
Tgt Ion:152 Resp: 73959

Ion Ratio Lower Upper

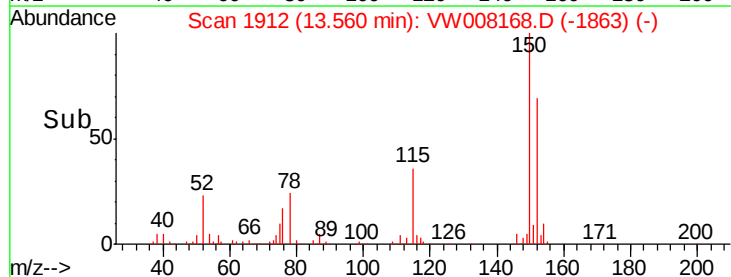
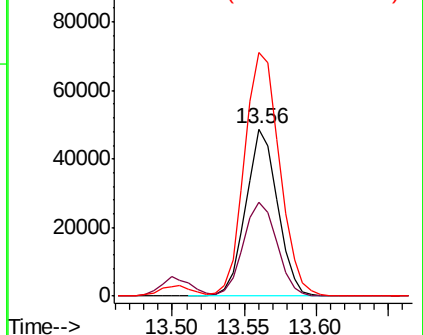
152 100

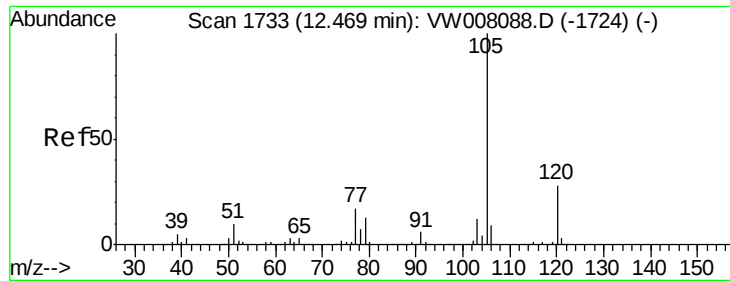
115 59.6 30.8 92.4

150 162.0 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: 18.778 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

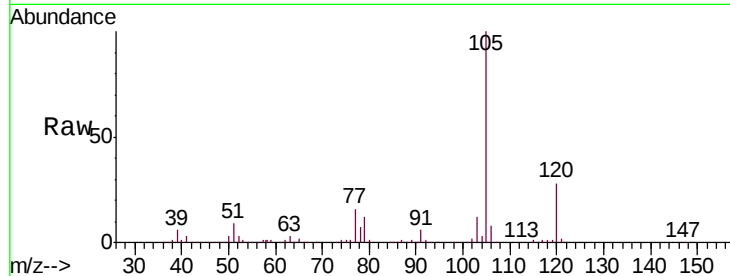
VW0110SBS02

Tgt Ion:105 Resp: 109034

Ion Ratio Lower Upper

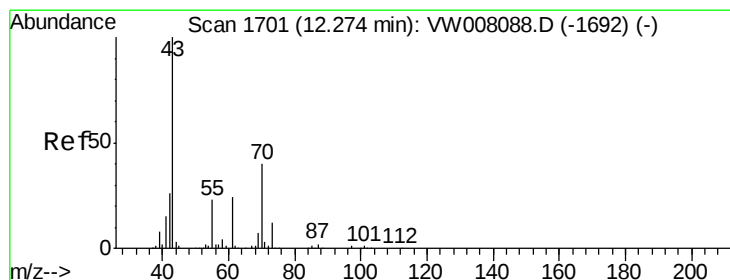
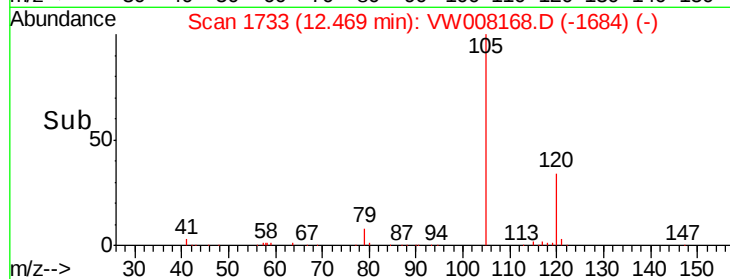
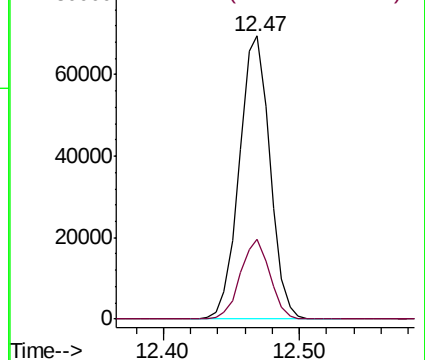
105 100

120 27.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.210 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Tgt Ion: 43 Resp: 27274

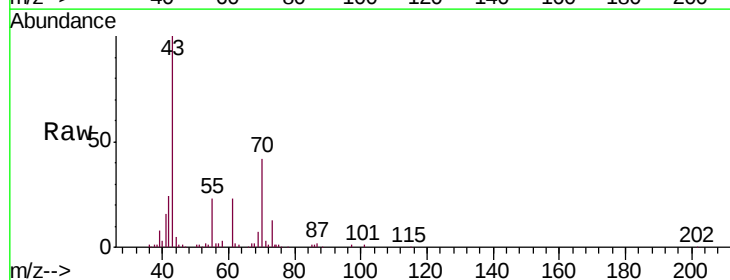
Ion Ratio Lower Upper

43 100

70 41.8 32.4 48.6

55 24.6 18.7 28.1

61 24.1 19.0 28.6

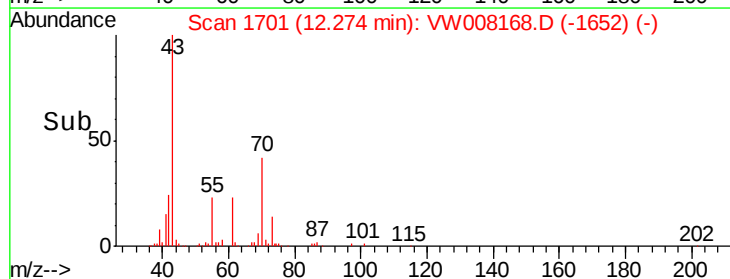
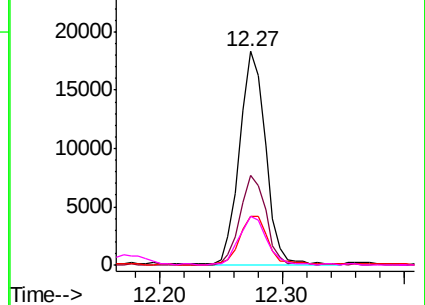


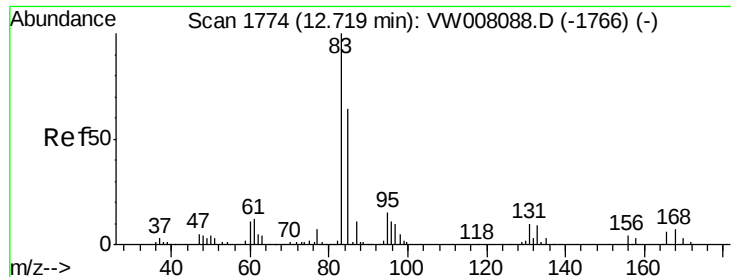
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 22.697 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

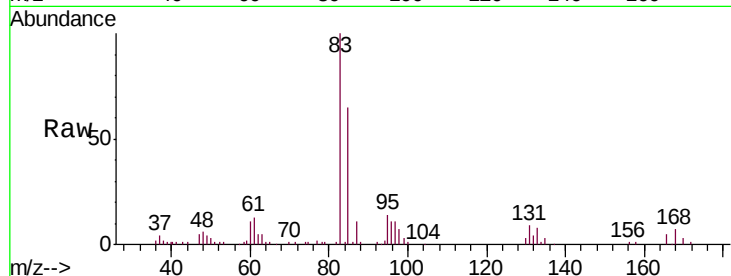
Tgt Ion: 83 Resp: 21095

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

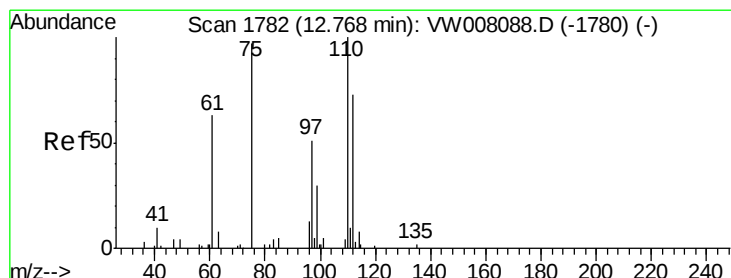
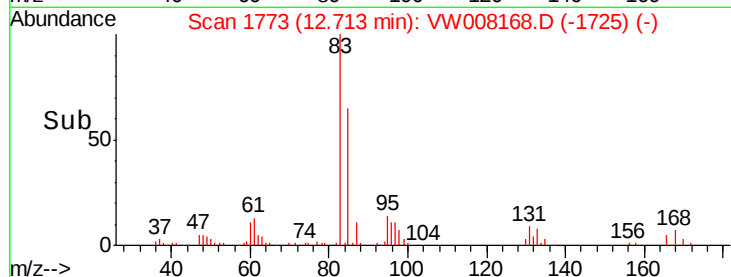
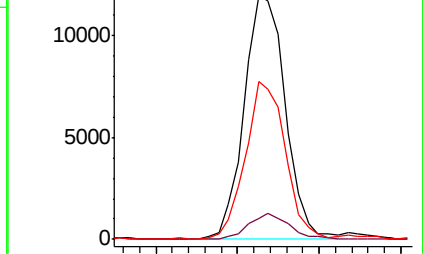
85 62.6 32.4 97.2



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: 38.206 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008168.D

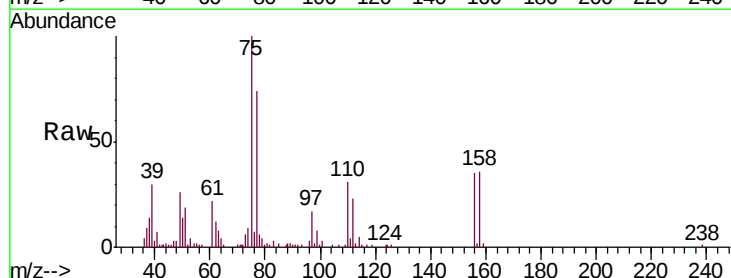
Acq: 11 Jan 2019 01:34

Tgt Ion: 75 Resp: 25759

Ion Ratio Lower Upper

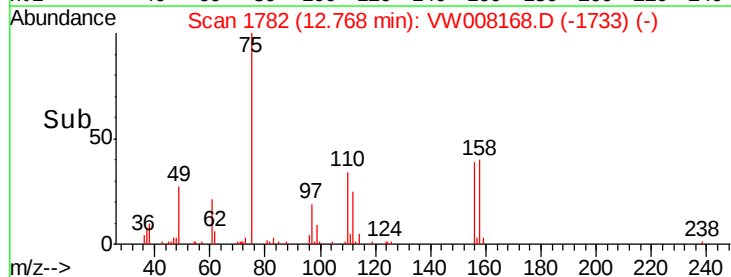
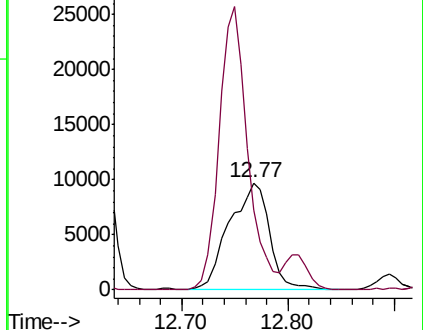
75 100

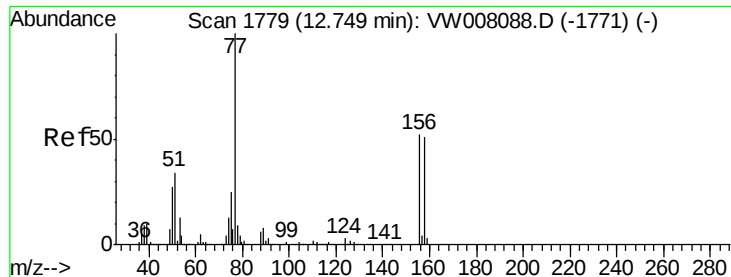
77 186.9 179.4 538.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.235 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

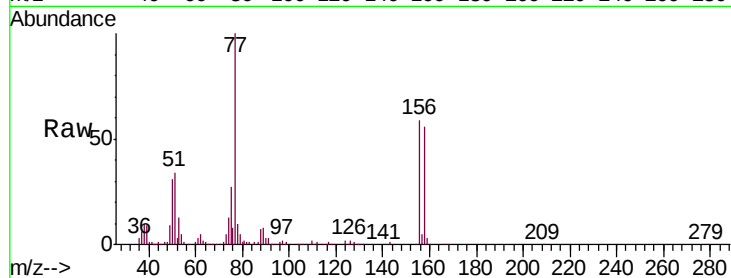
Tgt Ion:156 Resp: 24826

Ion Ratio Lower Upper

156 100

77 193.9 104.2 312.5

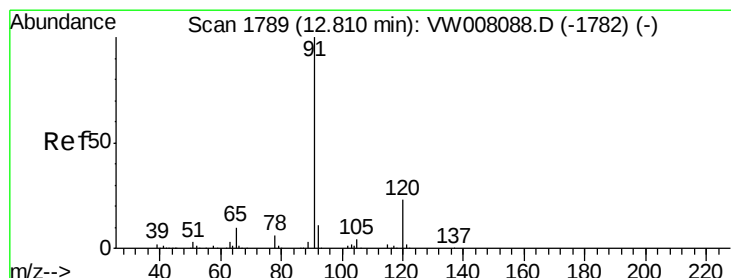
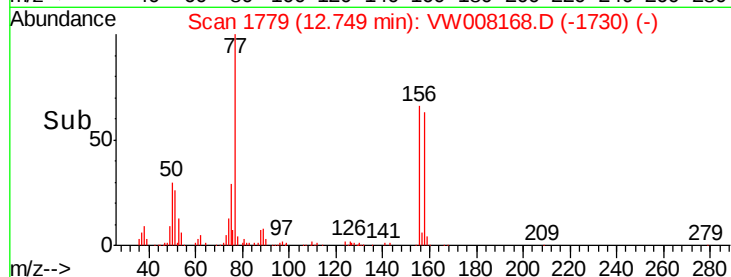
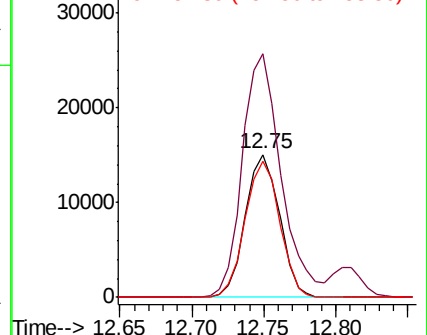
158 96.4 47.9 143.6



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: 18.415 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008168.D

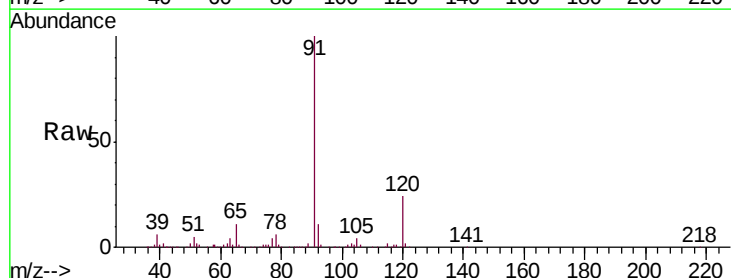
Acq: 11 Jan 2019 01:34

Tgt Ion: 91 Resp: 131012

Ion Ratio Lower Upper

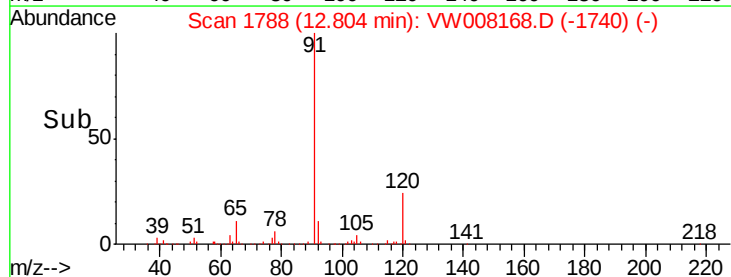
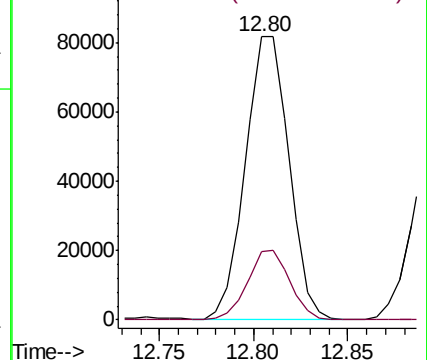
91 100

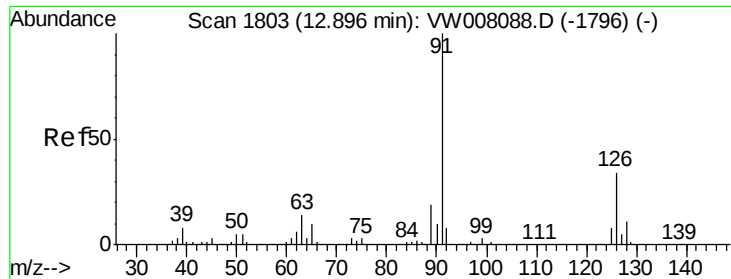
120 23.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

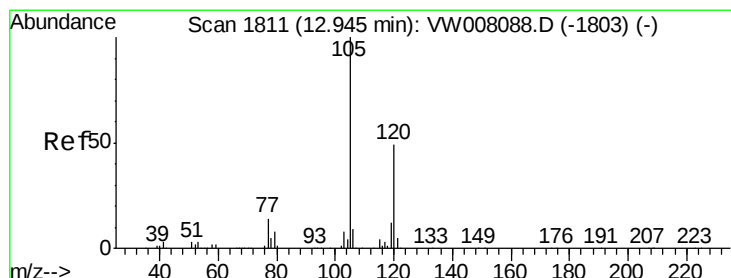
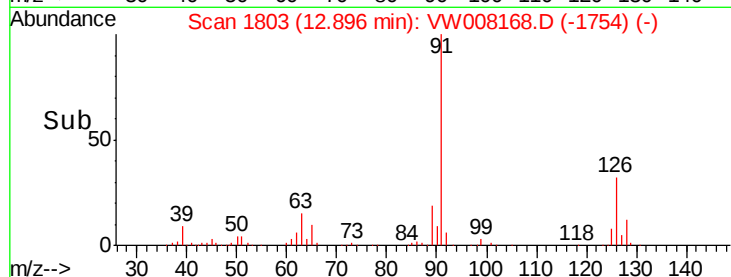
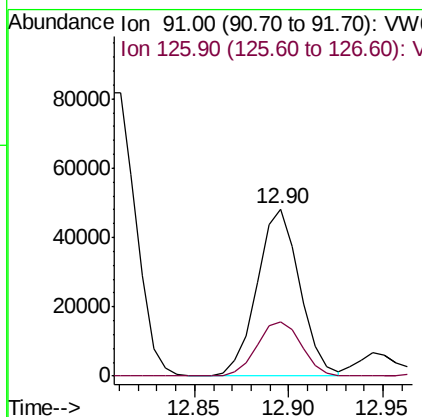
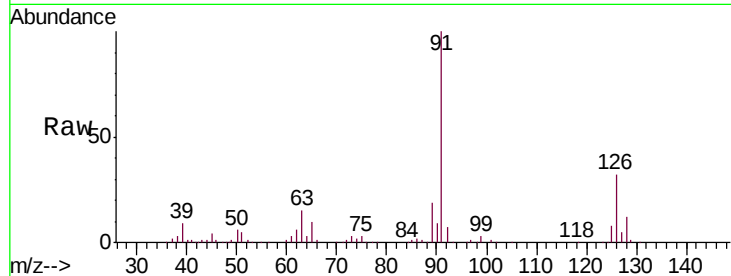




#79
 2-Chlorotoluene
 Concen: 19.089 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

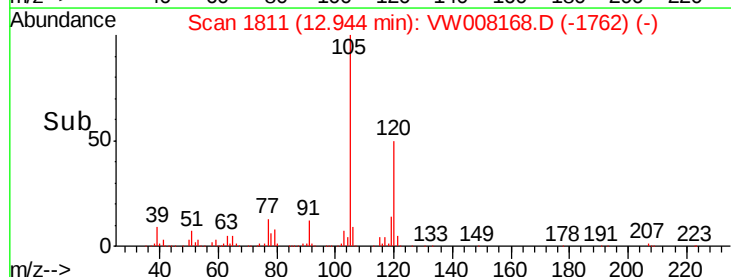
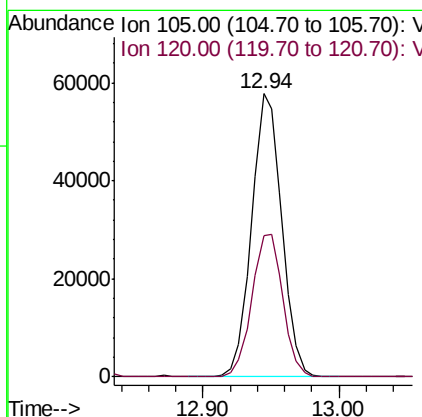
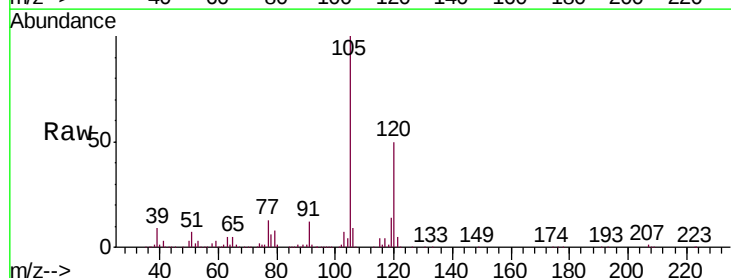
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

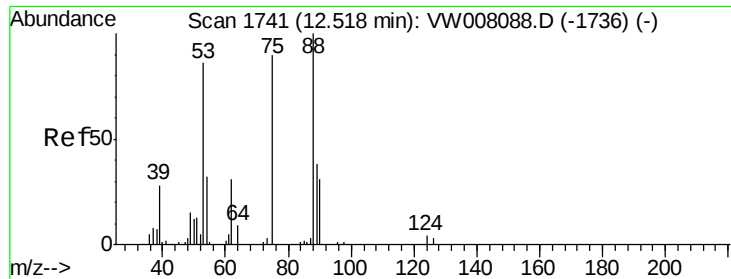
Tgt Ion: 91 Resp: 75769
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.8 50.3



#80
 1,3,5-Trimethylbenzene
 Concen: 18.822 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion: 105 Resp: 89812
 Ion Ratio Lower Upper
 105 100
 120 51.7 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.618 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.01 min

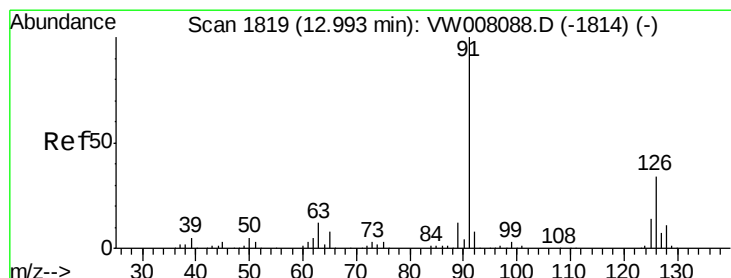
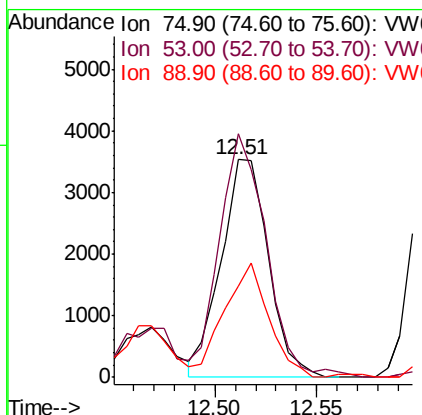
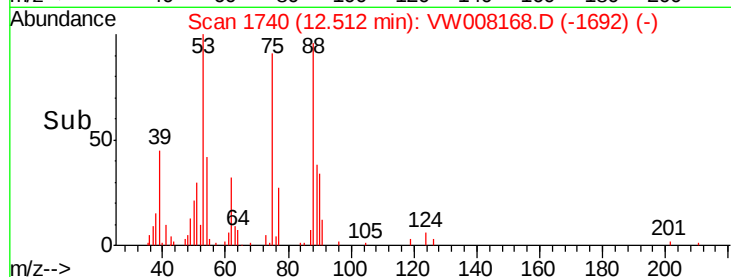
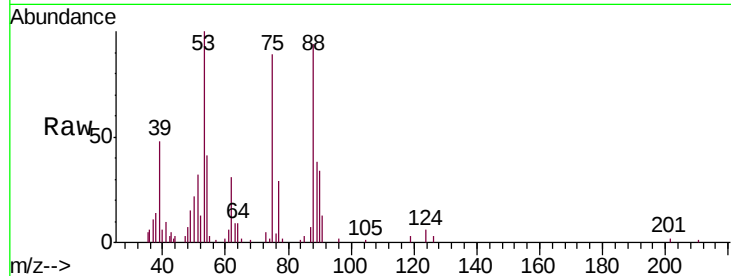
Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Tgt Ion: 75 Resp: 5680

Ion	Ratio	Lower	Upper
75	100		
53	110.6	78.8	118.2
89	50.0	35.4	53.2



#82

4-Chlorotoluene

Concen: 18.919 ug/l

RT: 12.99 min Scan# 1819

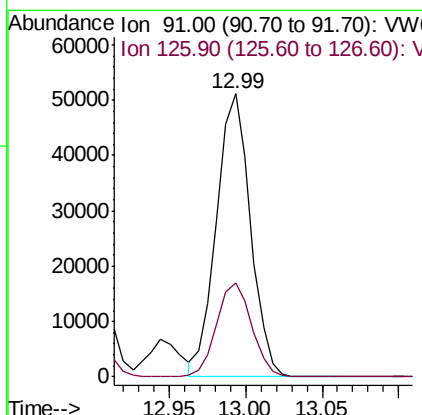
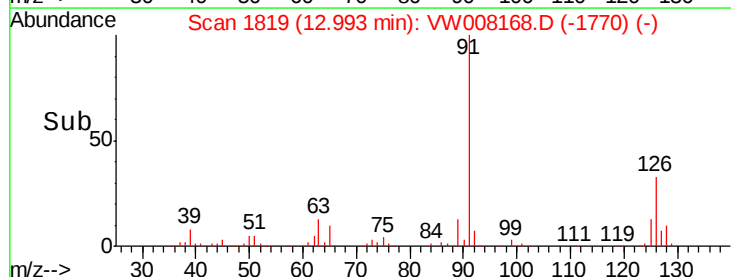
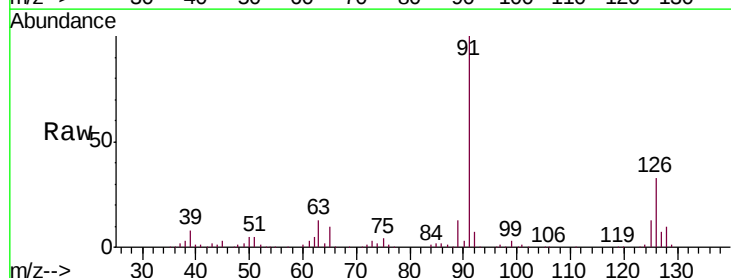
Delta R.T. -0.00 min

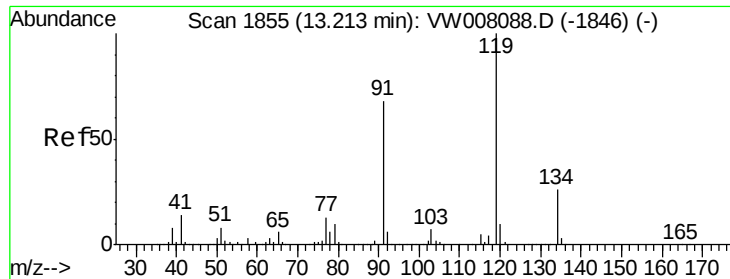
Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Tgt Ion: 91 Resp: 79091

Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.5	49.5

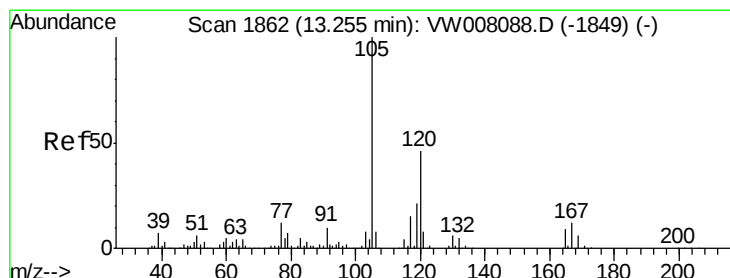
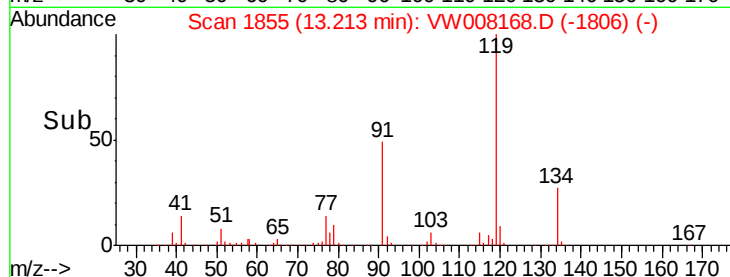
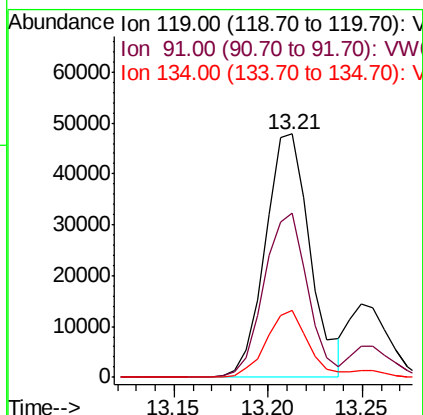
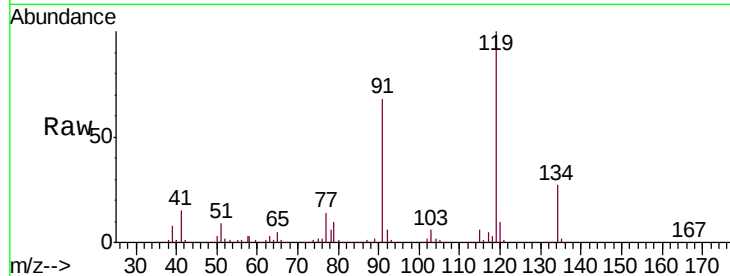




#83
 tert-Butylbenzene
 Concen: 18.814 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

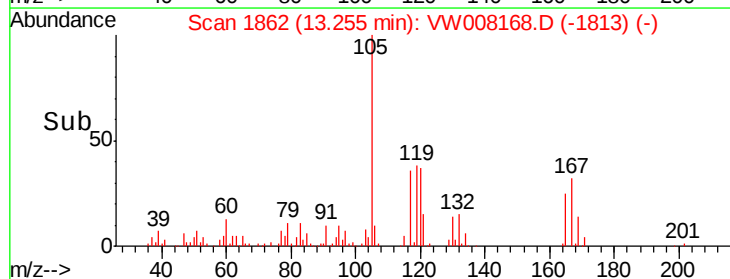
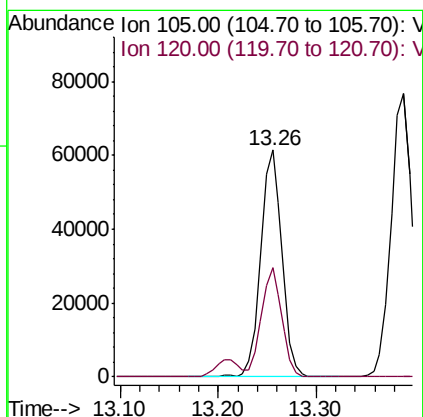
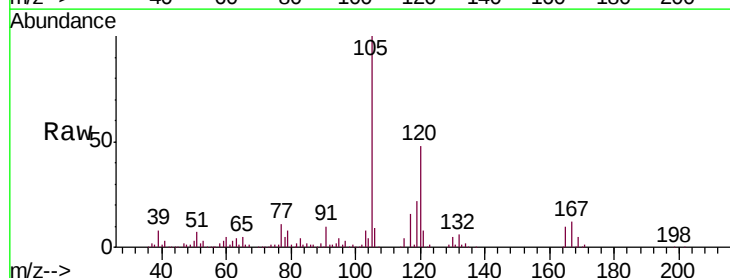
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

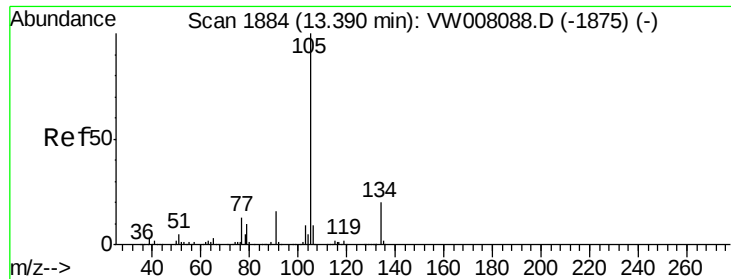
Tgt Ion:119 Resp: 79421
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.9 101.6
 134 25.9 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.939 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion:105 Resp: 93201
 Ion Ratio Lower Upper
 105 100
 120 46.8 22.7 68.1

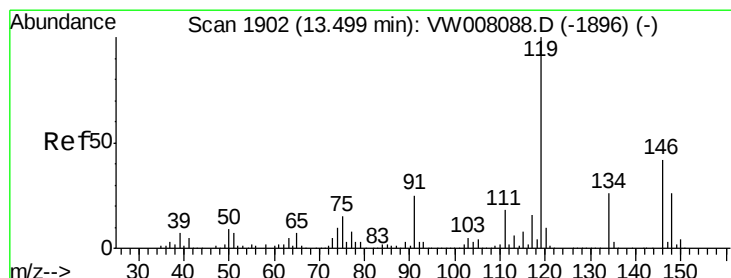
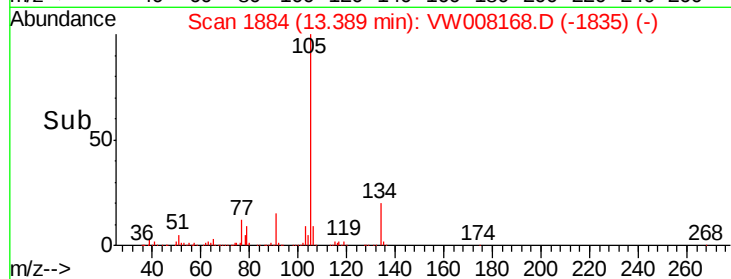
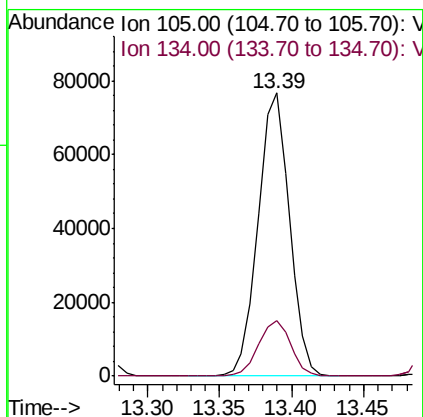
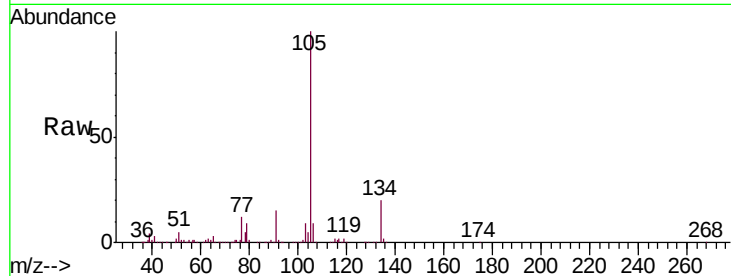




#85
 sec-Butylbenzene
 Concen: 18.663 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

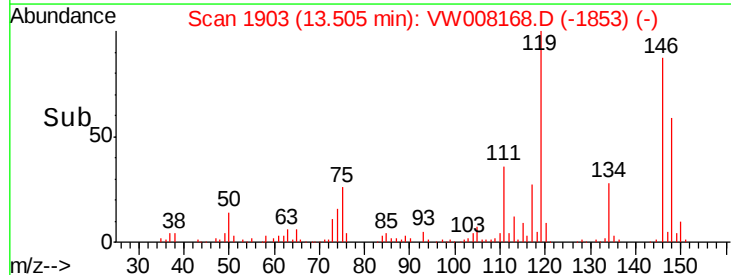
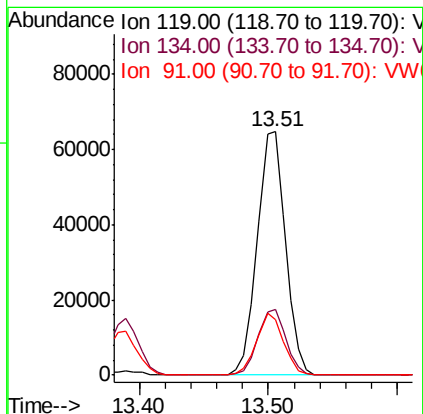
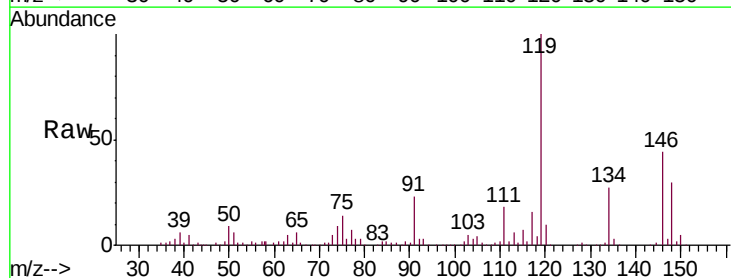
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

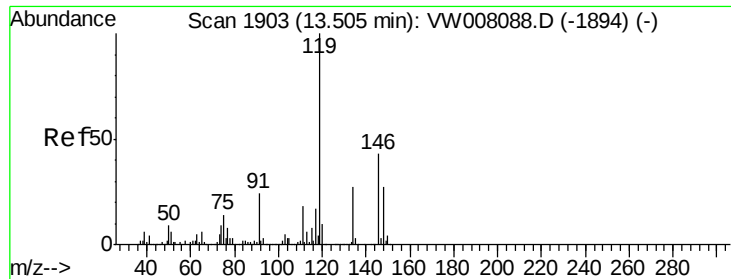
Tgt Ion:105 Resp: 115403
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.268 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion:119 Resp: 97549
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 24.4 12.3 36.9

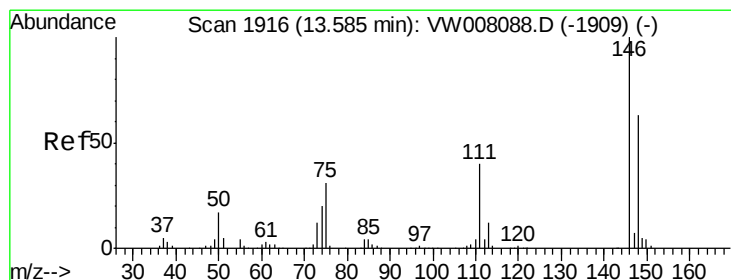
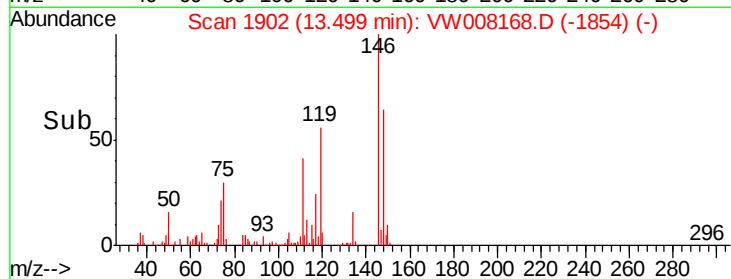
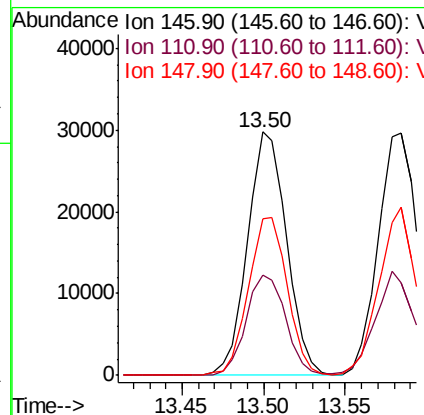
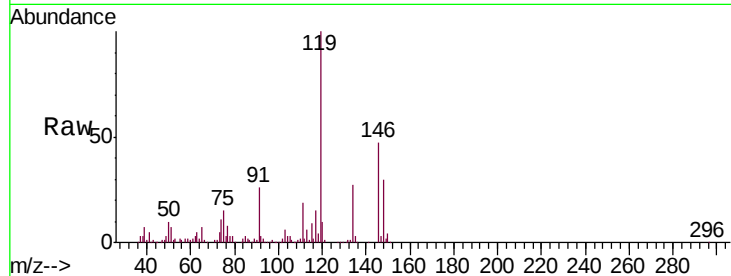




#87
 1,3-Dichlorobenzene
 Concen: 19.990 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

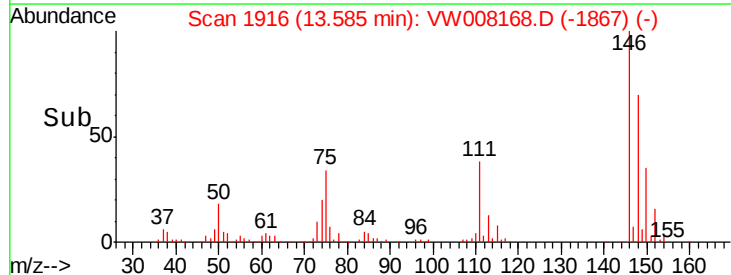
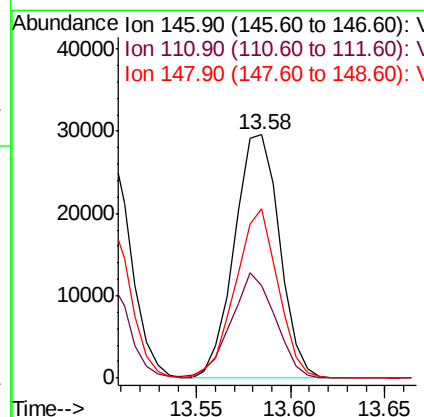
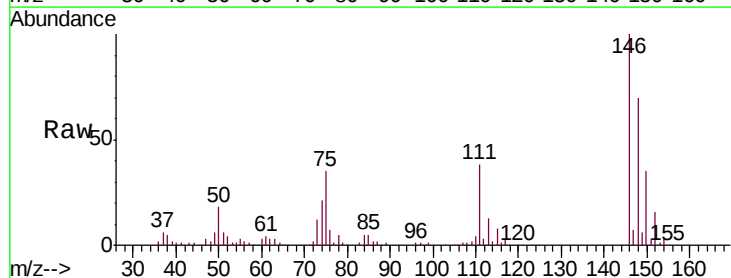
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS02

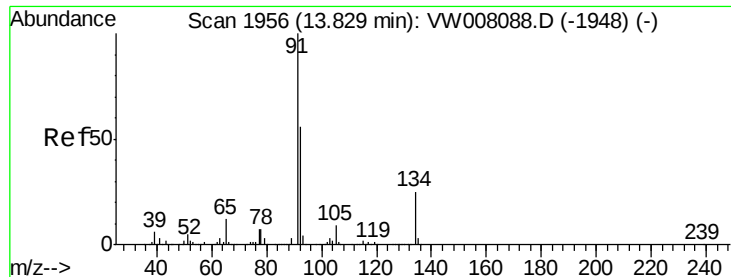
Tgt Ion:146 Resp: 49750
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.1
 148 64.3 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008168.D
 Acq: 11 Jan 2019 01:34

Tgt Ion:146 Resp: 49287
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.5 61.5
 148 65.8 31.6 94.8





#89

n-Butylbenzene

Concen: 17.861 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

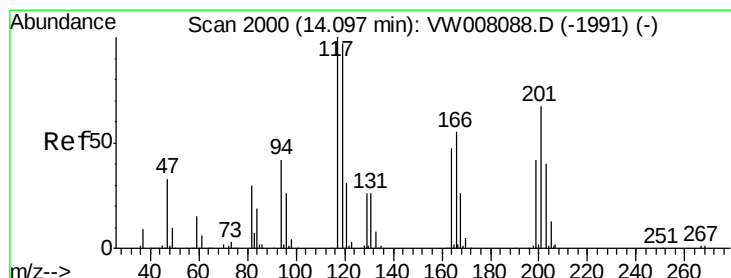
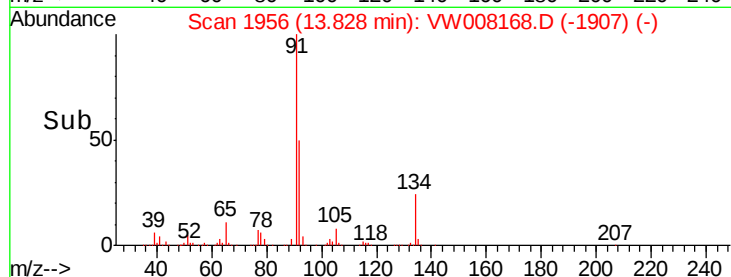
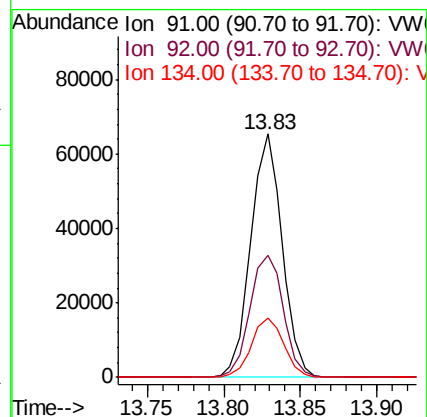
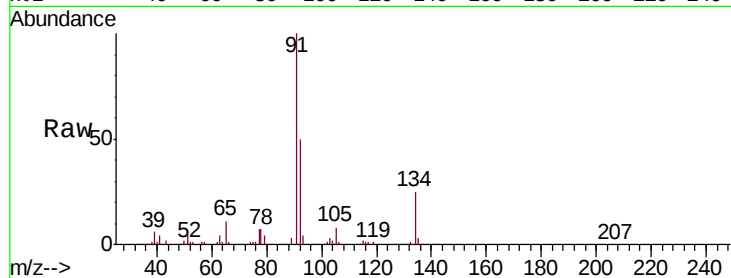
Tgt Ion: 91 Resp: 93409

Ion Ratio Lower Upper

91 100

92 53.4 27.4 82.2

134 25.4 12.6 37.8



#90

Hexachloroethane

Concen: 19.533 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW008168.D

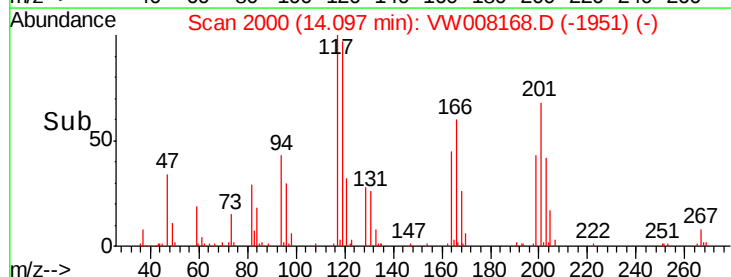
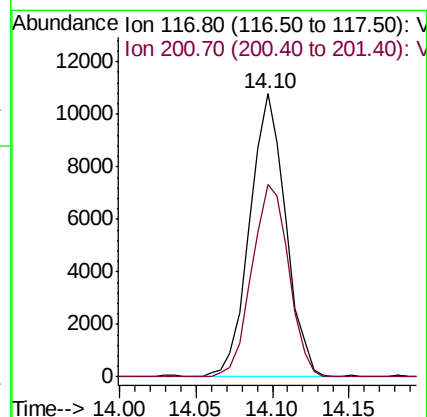
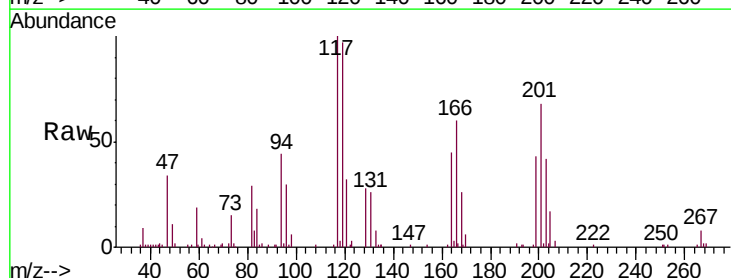
Acq: 11 Jan 2019 01:34

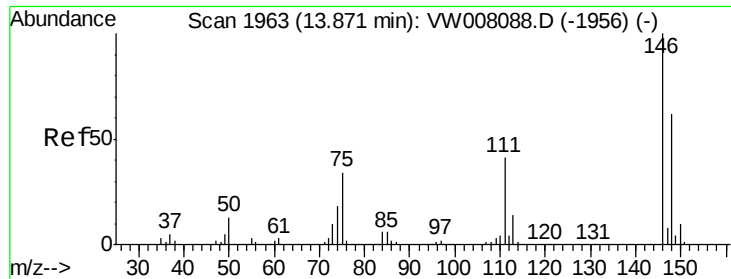
Tgt Ion: 117 Resp: 17617

Ion Ratio Lower Upper

117 100

201 69.9 33.0 98.9





#91

1,2-Dichlorobenzene

Concen: 20.739 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.01 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS02

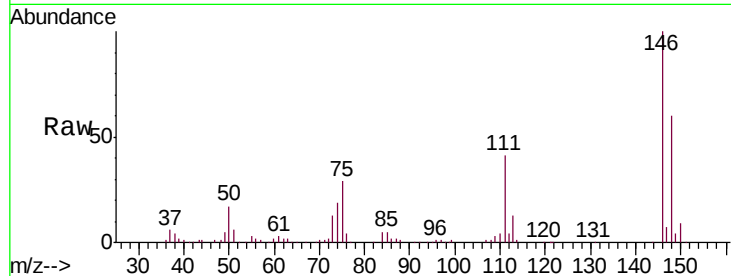
Tgt Ion:146 Resp: 45361

Ion Ratio Lower Upper

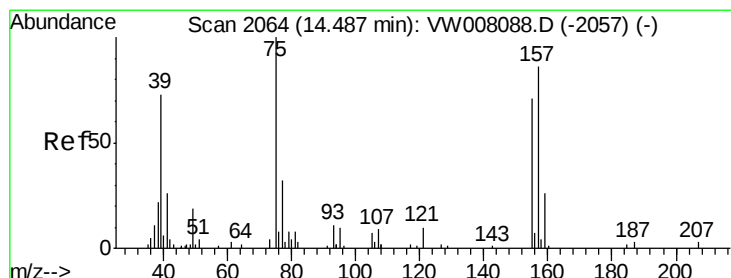
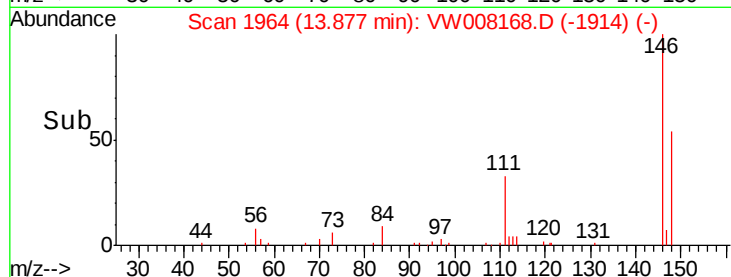
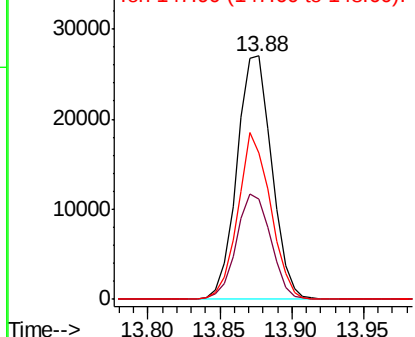
146 100

111 42.8 21.3 63.7

148 63.9 31.5 94.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.209 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW008168.D

Acq: 11 Jan 2019 01:34

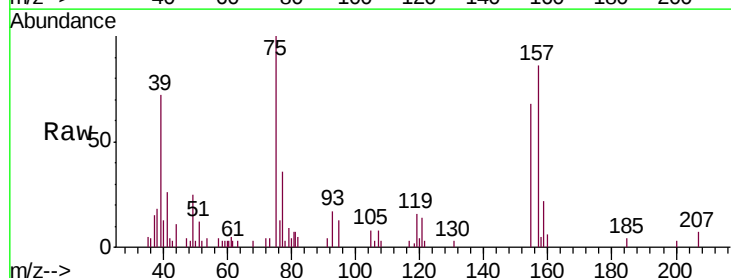
Tgt Ion: 75 Resp: 3621

Ion Ratio Lower Upper

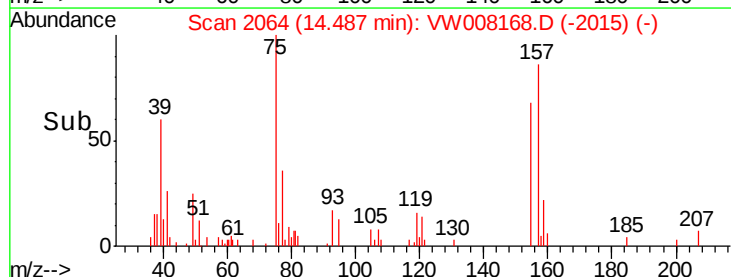
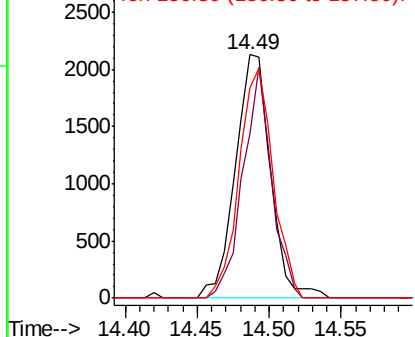
75 100

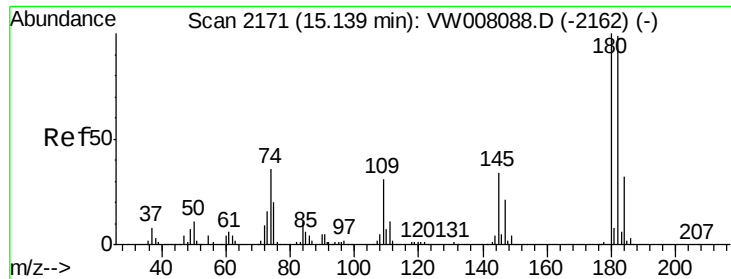
155 76.6 38.6 115.7

157 90.7 47.5 142.6



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

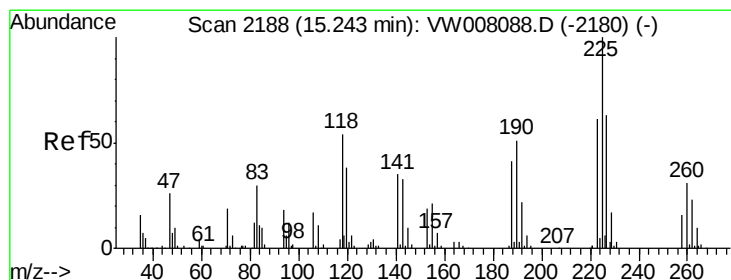
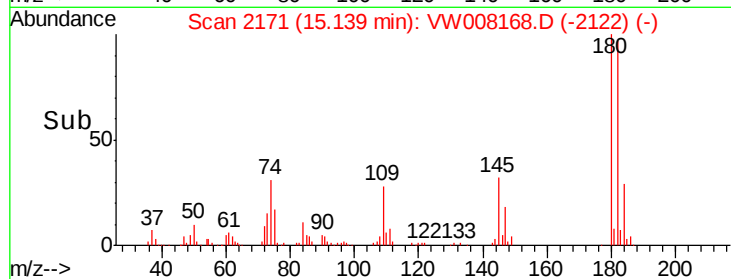
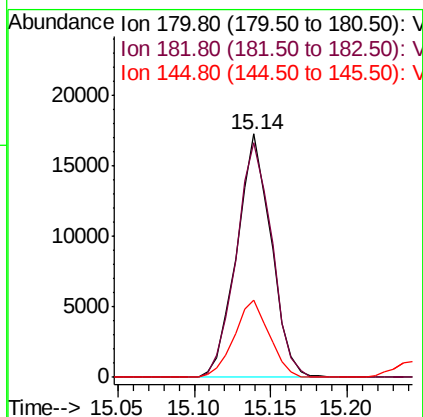
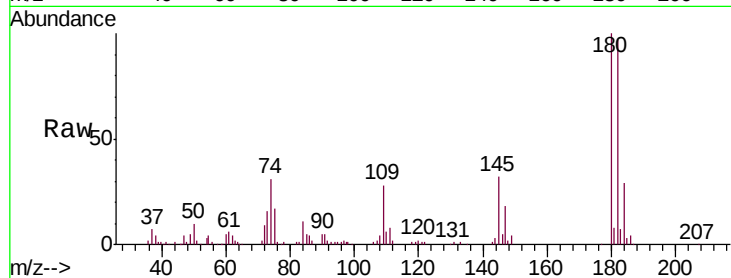




#93
1,2,4-Trichlorobenzene
Concen: 18.489 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

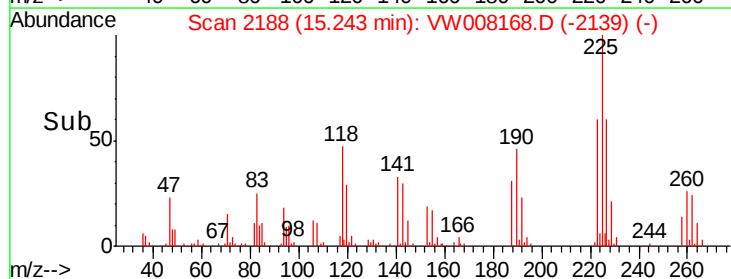
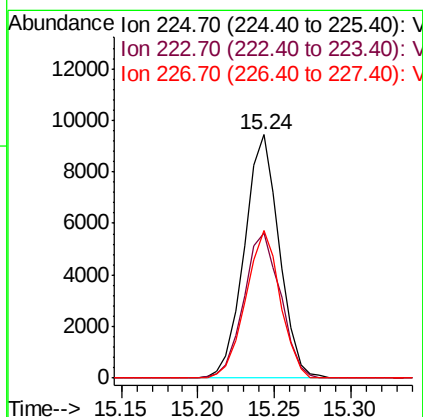
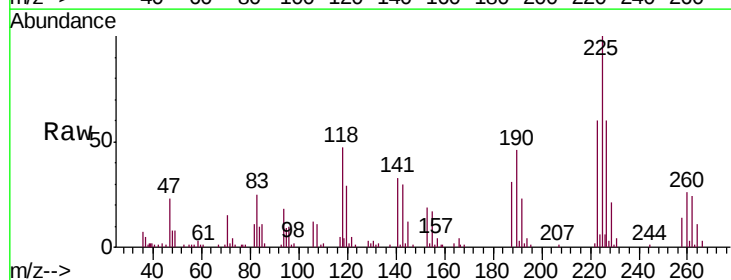
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

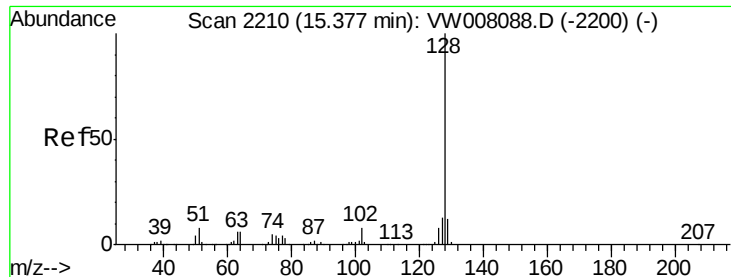
Tgt Ion:180 Resp: 26849
Ion Ratio Lower Upper
180 100
182 100.4 48.6 145.9
145 32.4 16.6 49.7



#94
Hexachlorobutadiene
Concen: 19.243 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:225 Resp: 14957
Ion Ratio Lower Upper
225 100
223 62.8 31.4 94.3
227 59.8 32.0 96.2

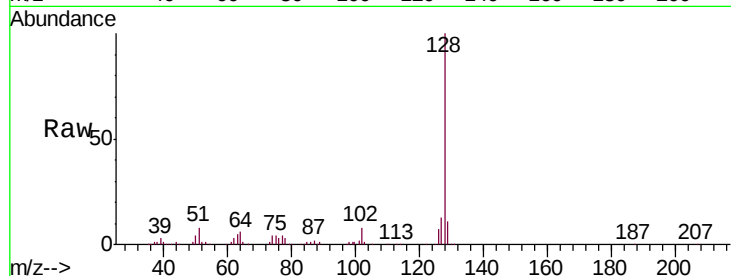




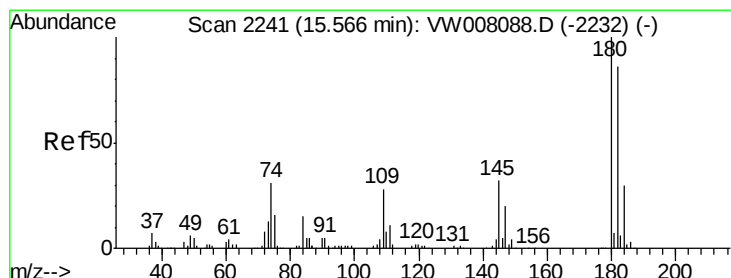
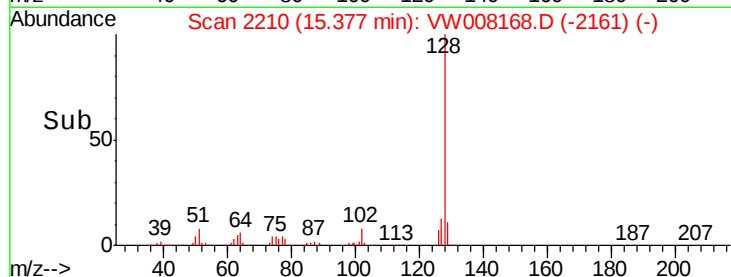
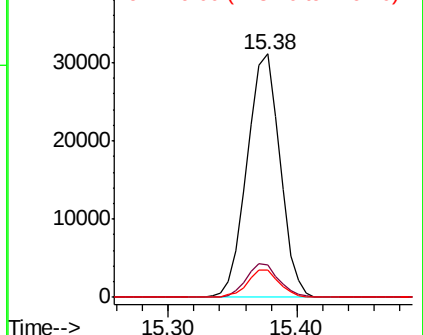
#95
Naphthalene
Concen: 20.286 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS02

Tgt Ion:128 Resp: 55006
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.9 9.0 13.6

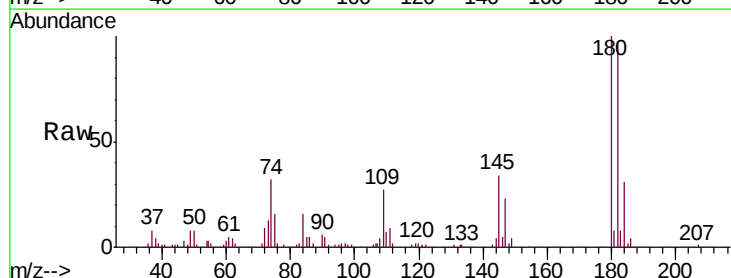


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.158 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW008168.D
Acq: 11 Jan 2019 01:34

Tgt Ion:180 Resp: 24955
Ion Ratio Lower Upper
180 100
182 91.6 46.5 139.3
145 33.7 17.4 52.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

