

Data File : VW008144.D
Acq On : 10 Jan 2019 13:15
Operator : SY/AP
Sample : VW0110SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Quant Time: Jan 11 05:07:53 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	63115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	115868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	52722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37374	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
35) Dibromofluoromethane	7.88	113	34909	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.32	98	148615	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	12.62	95	50661	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	9722	18.874	ug/l	97
3) Chloromethane	2.21	50	15447	23.115	ug/l	99
4) Vinyl Chloride	2.37	62	20944	24.013	ug/l	89
5) Bromomethane	2.78	94	18176	27.819	ug/l	99
6) Chloroethane	2.92	64	14336	21.843	ug/l	95
7) Trichlorofluoromethane	3.26	101	15429	21.759	ug/l	93
8) Diethyl Ether	3.68	74	8691	21.681	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15086	21.429	ug/l	94
10) Methyl Iodide	4.26	142	20769	20.242	ug/l	97
11) Tert butyl alcohol	5.21	59	5034	99.460	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	14527	21.018	ug/l	96
13) Acrolein	3.89	56	4063	85.046	ug/l	93
14) Allyl chloride	4.65	41	28466	22.684	ug/l	97
15) Acrylonitrile	5.37	53	18222	119.401	ug/l	99
16) Acetone	4.14	43	17258	124.754	ug/l	94
17) Carbon Disulfide	4.37	76	46448	21.512	ug/l	98
18) Methyl Acetate	4.67	43	10167	22.677	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	24448	21.757	ug/l	99
20) Methylene Chloride	4.91	84	18019	23.225	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	16426	21.869	ug/l	91
22) Diisopropyl ether	6.31	45	56212	23.487	ug/l	95
23) Vinyl Acetate	6.26	43	150559	119.780	ug/l	100
24) 1,1-Dichloroethane	6.21	63	32478	23.290	ug/l	99
25) 2-Butanone	7.17	43	24304	123.142	ug/l	100
26) 2,2-Dichloropropane	7.17	77	20866	22.084	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19019	23.208	ug/l	98
28) Bromochloromethane	7.51	49	12499	22.661	ug/l	97
29) Tetrahydrofuran	7.53	42	15502	117.584	ug/l	97
30) Chloroform	7.67	83	31251	23.544	ug/l	100
31) Cyclohexane	7.95	56	31526	21.118	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	25998	22.510	ug/l	97
36) 1,1-Dichloropropene	8.08	75	25568	21.422	ug/l	99
37) Ethyl Acetate	7.25	43	10577	22.120	ug/l	98
38) Carbon Tetrachloride	8.07	117	22800	20.871	ug/l	97

Data File : VW008144.D
Acq On : 10 Jan 2019 13:15
Operator : SY/AP
Sample : VW0110SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Quant Time: Jan 11 05:07:53 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)
39) Methylcyclohexane	9.34	83	31580	20.867	ug/l	94
40) Benzene	8.32	78	72199	22.302	ug/l	99
41) Methacrylonitrile	7.48	41	6288	20.817	ug/l	99
42) 1,2-Dichloroethane	8.40	62	20381	22.384	ug/l	98
43) Isopropyl Acetate	8.43	43	21196	22.170	ug/l	98
44) Trichloroethene	9.09	130	17760	21.431	ug/l	95
45) 1,2-Dichloropropane	9.37	63	18557	23.118	ug/l	100
46) Dibromomethane	9.46	93	8908	22.597	ug/l	97
47) Bromodichloromethane	9.64	83	21981	21.959	ug/l	97
48) Methyl methacrylate	9.43	41	9947	22.049	ug/l	97
49) 1,4-Dioxane	9.47	88	2592	408.856	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	53047	114.626	ug/l	97
52) Toluene	10.39	92	46188	22.341	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	22440	21.552	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	27313	22.122	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	12423	22.446	ug/l	97
56) Ethyl methacrylate	10.65	69	15370	22.424	ug/l	98
57) 1,3-Dichloropropane	10.93	76	22495	22.223	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	37761	106.652	ug/l	98
59) 2-Hexanone	10.97	43	36239	115.796	ug/l	98
60) Dibromochloromethane	11.13	129	13583	22.349	ug/l	100
61) 1,2-Dibromoethane	11.24	107	11384	21.677	ug/l	98
64) Tetrachloroethene	10.86	164	14012	19.970	ug/l	93
65) Chlorobenzene	11.66	112	50086	21.928	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	16146	21.733	ug/l	100
67) Ethyl Benzene	11.73	91	88643	21.210	ug/l	98
68) m/p-Xylenes	11.84	106	68500	42.941	ug/l	99
69) o-Xylene	12.17	106	31585	21.381	ug/l	98
70) Styrene	12.18	104	50803	21.957	ug/l	98
71) Bromoform	12.35	173	7303	21.964	ug/l #	93
73) Isopropylbenzene	12.47	105	86674	20.940	ug/l	98
74) N-amyl acetate	12.27	43	19627	21.412	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	15072	22.749	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	19576	40.731	ug/l	25
77) Bromobenzene	12.75	156	18082	20.675	ug/l	99
78) n-propylbenzene	12.80	91	108536	21.401	ug/l	100
79) 2-Chlorotoluene	12.90	91	60678	21.445	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	72801	21.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	4588	22.230	ug/l	99
82) 4-Chlorotoluene	12.99	91	63226	21.216	ug/l	100
83) tert-Butylbenzene	13.21	119	64201	21.335	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	75761	21.596	ug/l	99
85) sec-Butylbenzene	13.39	105	93302	21.166	ug/l	100
86) p-Isopropyltoluene	13.51	119	81587	21.434	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	38210	21.537	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	37546	21.093	ug/l	97
89) n-Butylbenzene	13.83	91	80558	21.608	ug/l	98
90) Hexachloroethane	14.10	117	14308	22.254	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	33271	21.338	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2316	21.721	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011019\
Quantitation Report (Not Reviewed)

Data File : VW008144.D
Acq On : 10 Jan 2019 13:15
Operator : SY/AP
Sample : VW0110SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Quant Time: Jan 11 05:07:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

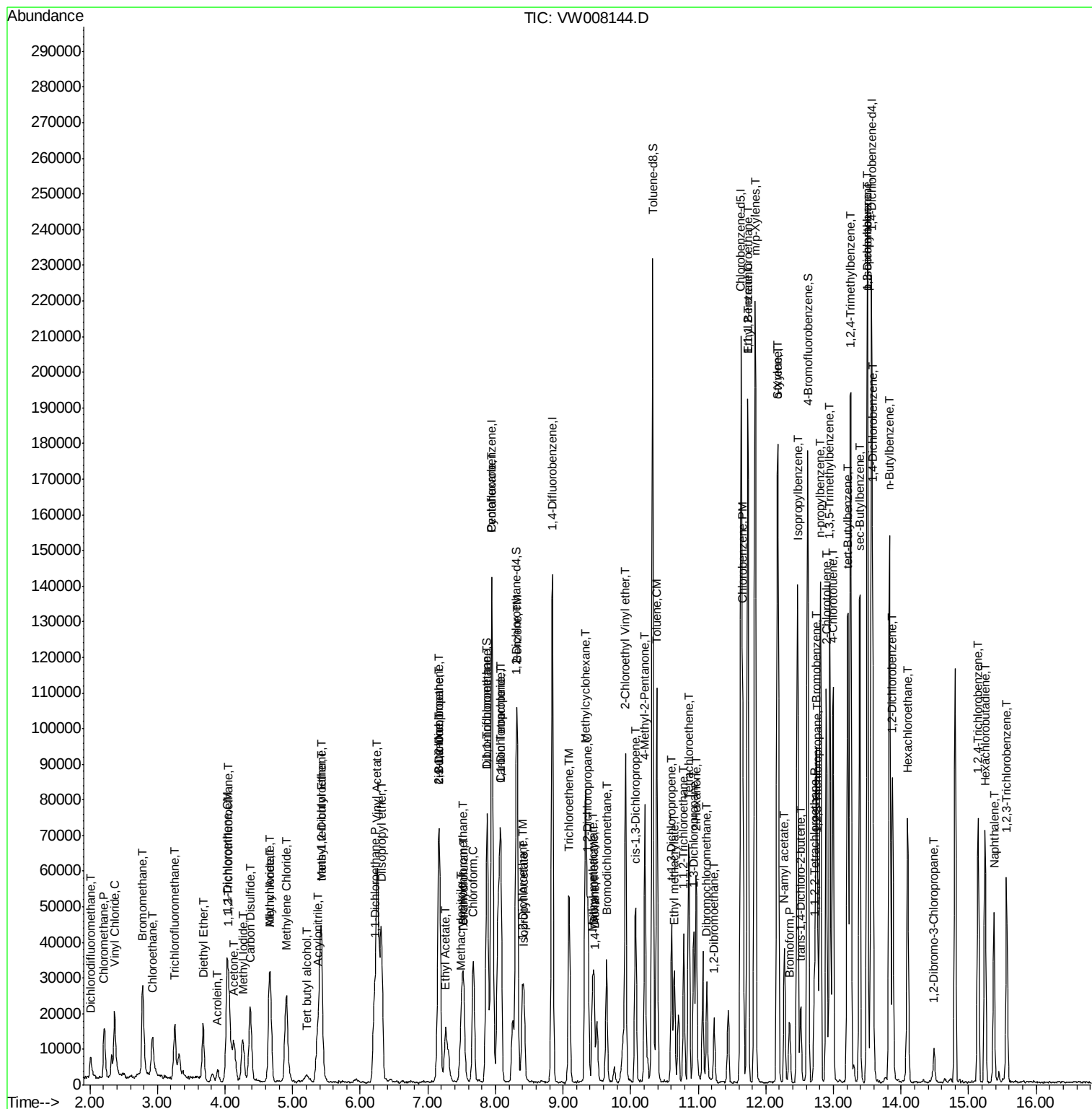
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21672	20.935	ug/l	99
94) Hexachlorobutadiene	15.24	225	11827	21.346	ug/l	99
95) Naphthalene	15.38	128	39197	20.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	18216	20.642	ug/l	95

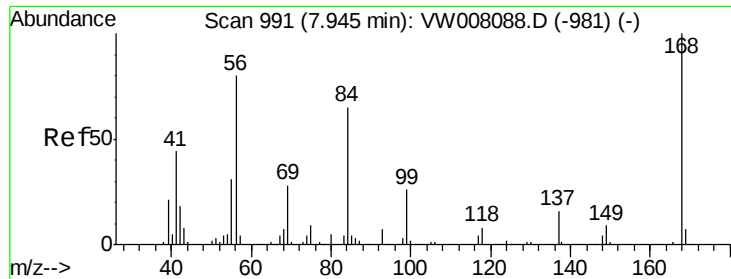
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW008144.D
Acq On : 10 Jan 2019 13:15
Operator : SY/AP
Sample : VW0110SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sample Id :
VW0110SBS01

Quant Time: Jan 11 05:07:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

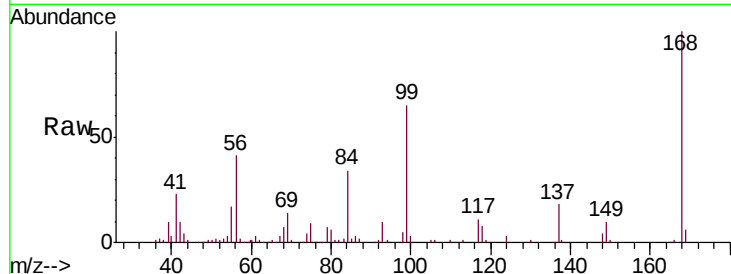
VW0110SBS01

Tgt Ion: 168 Resp: 63115

Ion Ratio Lower Upper

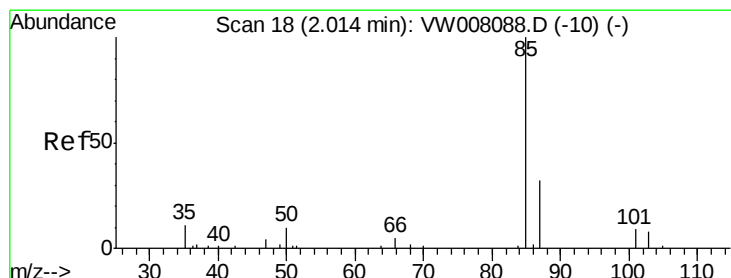
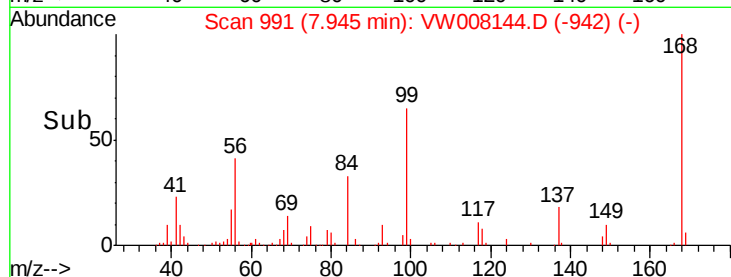
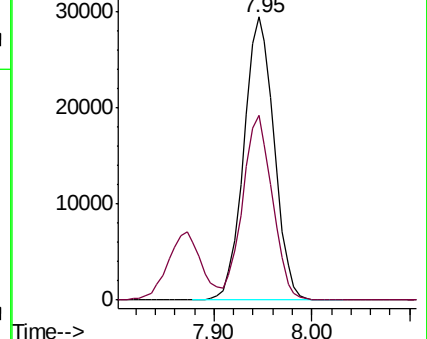
168 100

99 65.3 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: 18.874 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008144.D

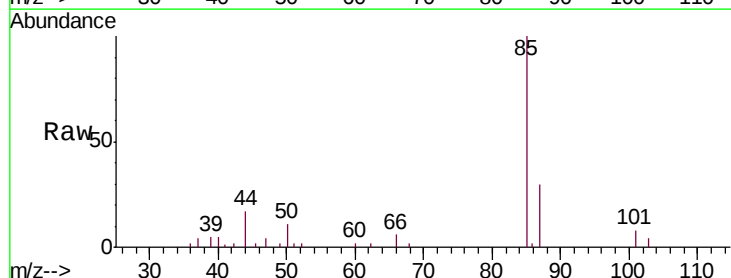
Acq: 10 Jan 2019 13:15

Tgt Ion: 85 Resp: 9722

Ion Ratio Lower Upper

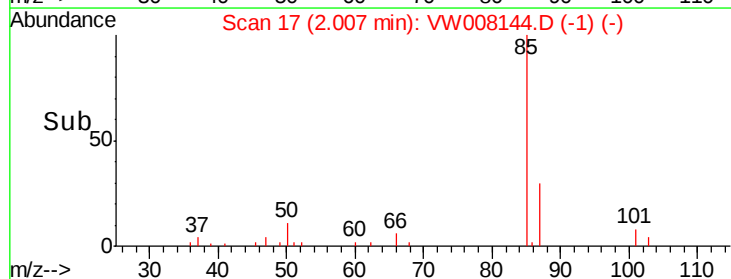
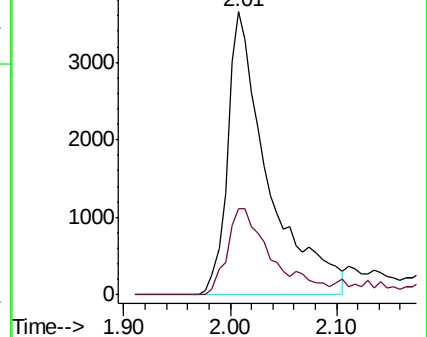
85 100

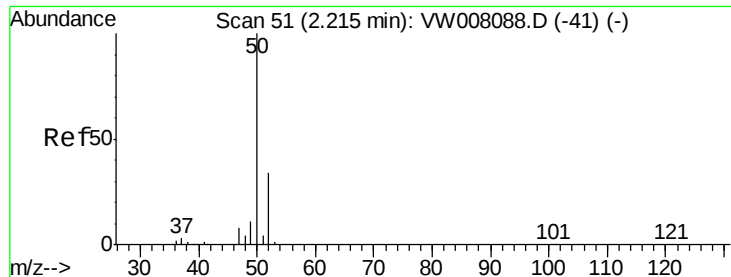
87 30.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 23.115 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

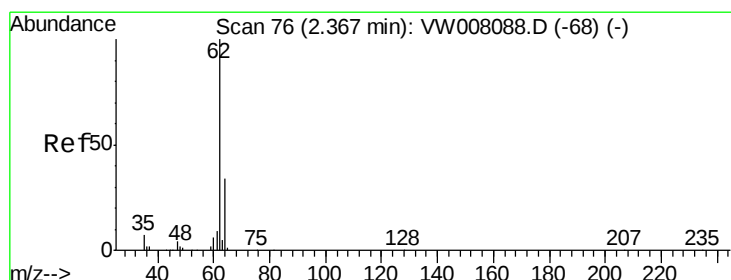
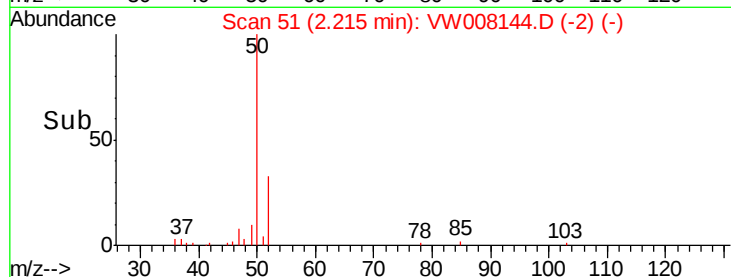
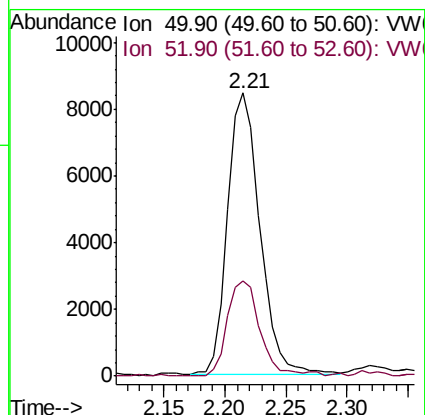
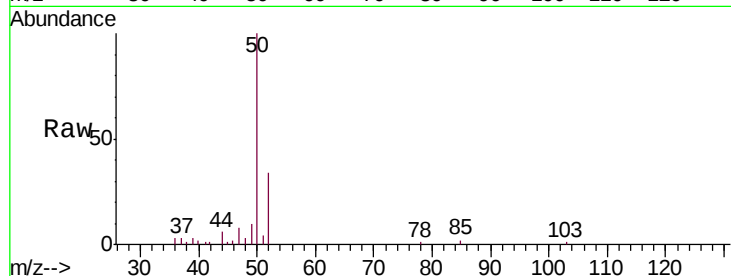
VW0110SBS01

Tgt Ion: 50 Resp: 15447

Ion Ratio Lower Upper

50 100

52 34.0 26.8 40.2



#4

Vinyl Chloride

Concen: 24.013 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008144.D

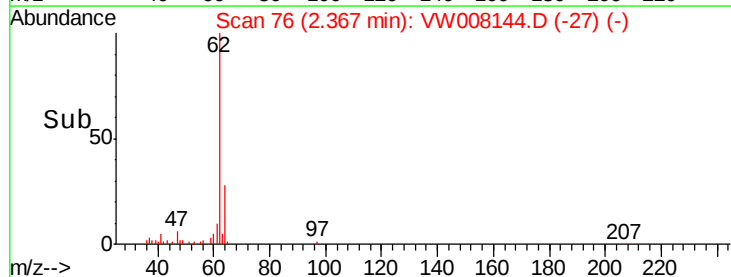
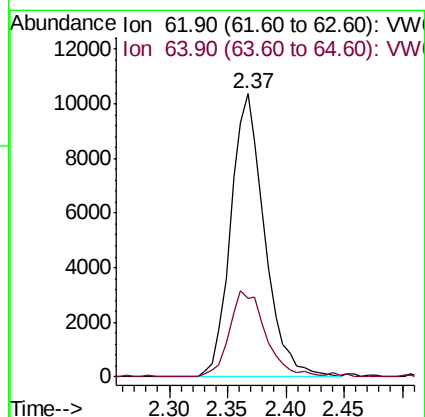
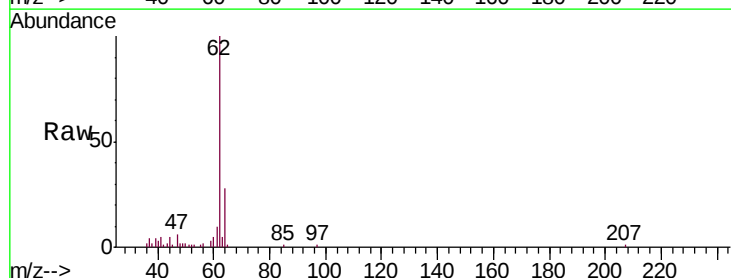
Acq: 10 Jan 2019 13:15

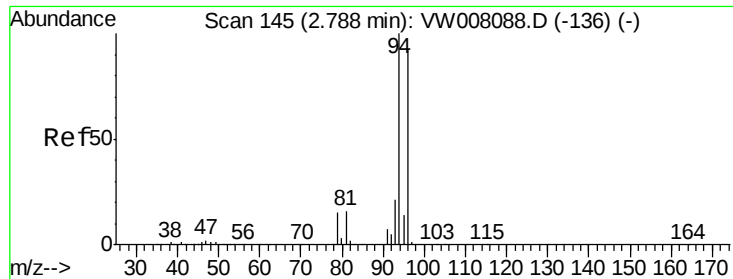
Tgt Ion: 62 Resp: 20944

Ion Ratio Lower Upper

62 100

64 27.7 27.0 40.6





#5

Bromomethane

Concen: 27.819 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

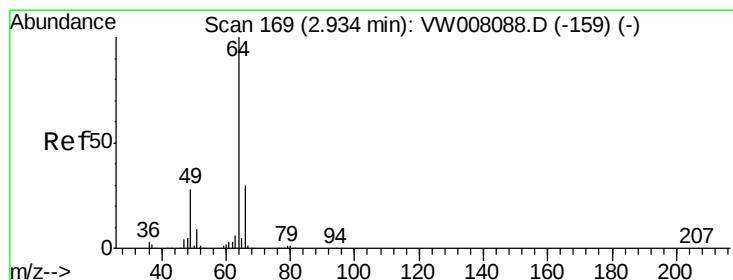
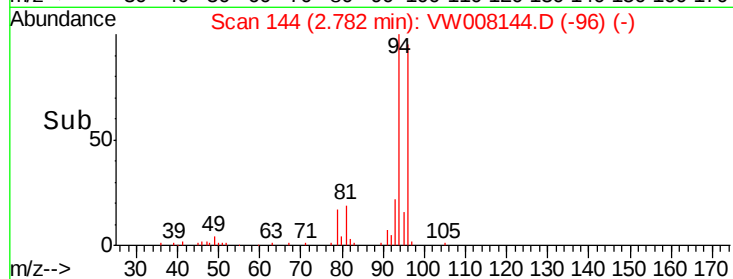
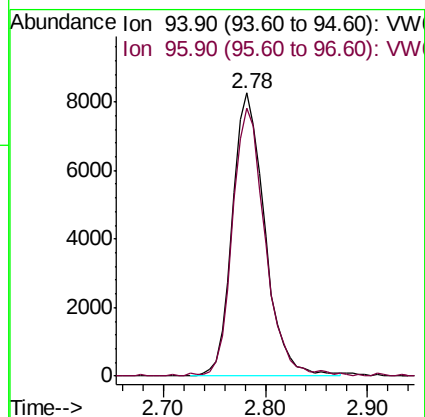
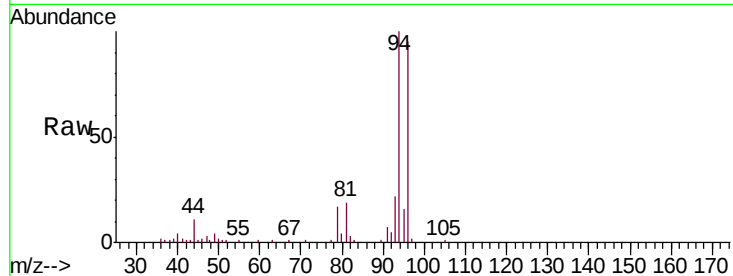
VW0110SBS01

Tgt Ion: 94 Resp: 18176

Ion Ratio Lower Upper

94 100

96 93.9 74.1 111.1



#6

Chloroethane

Concen: 21.843 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008144.D

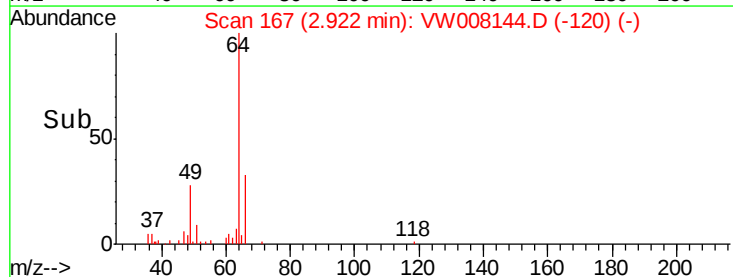
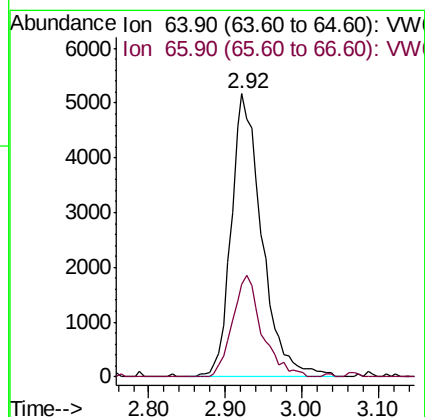
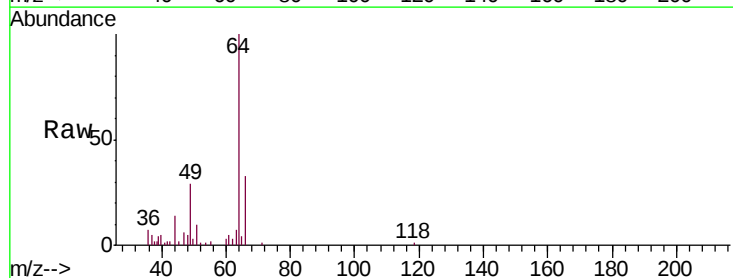
Acq: 10 Jan 2019 13:15

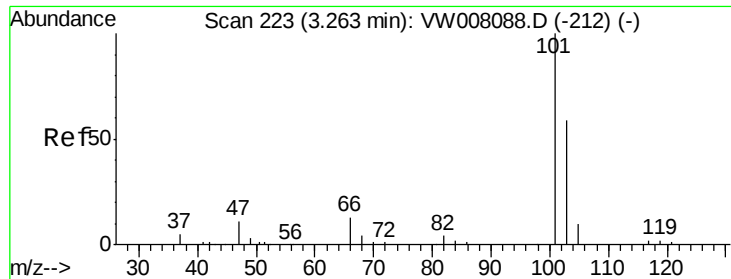
Tgt Ion: 64 Resp: 14336

Ion Ratio Lower Upper

64 100

66 32.8 24.2 36.2



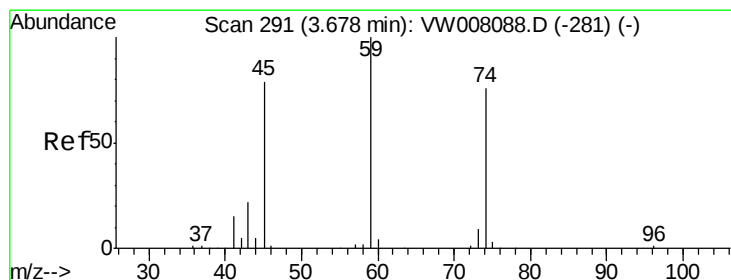
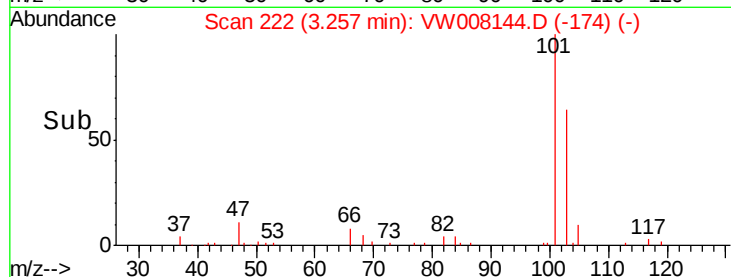
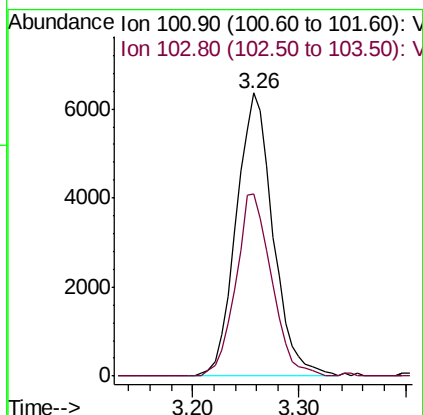
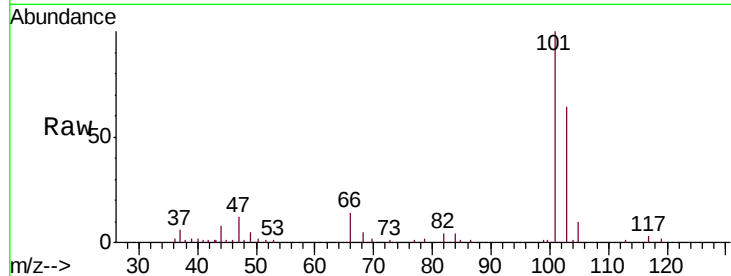


#7

Trichlorofluoromethane
 Concen: 21.759 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

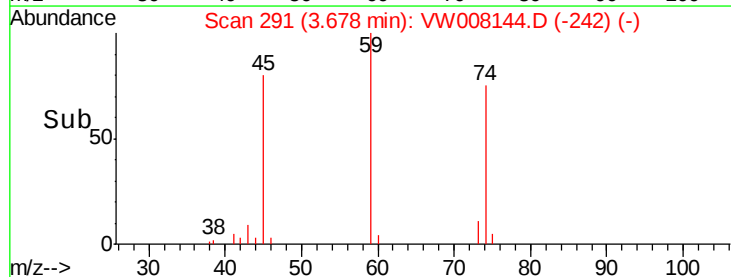
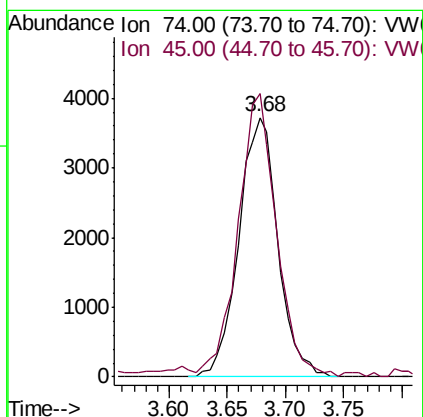
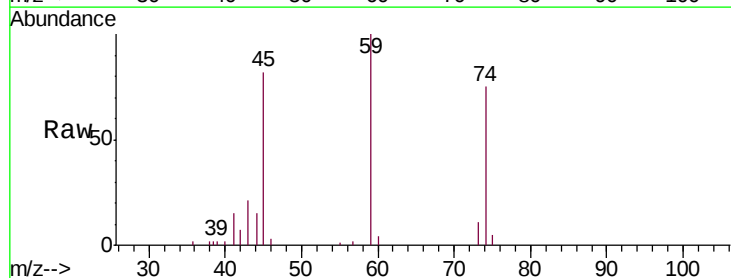
Tgt Ion:101 Resp: 15429
 Ion Ratio Lower Upper
 101 100
 103 64.3 47.0 70.6

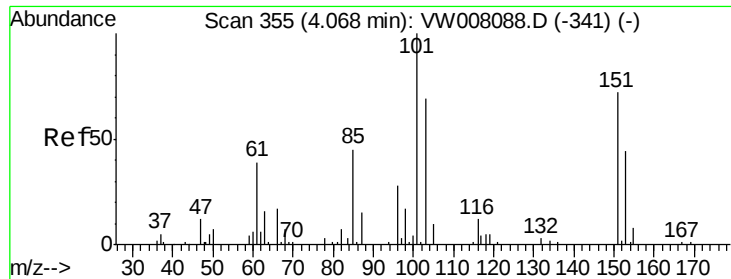


#8

Diethyl Ether
 Concen: 21.681 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 74 Resp: 8691
 Ion Ratio Lower Upper
 74 100
 45 107.7 52.4 157.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.429 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

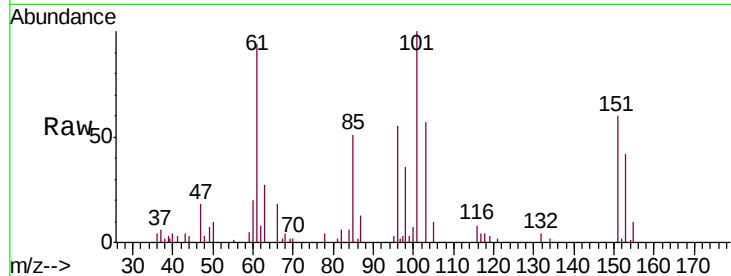
Tgt Ion:101 Resp: 15086

Ion Ratio Lower Upper

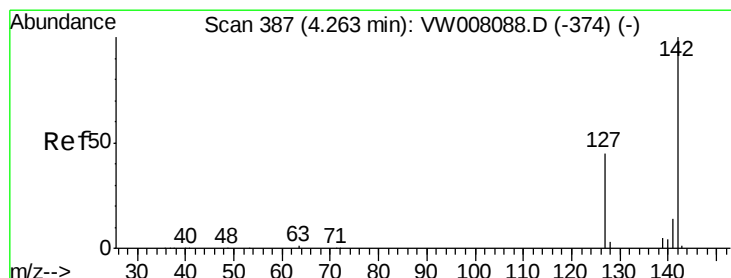
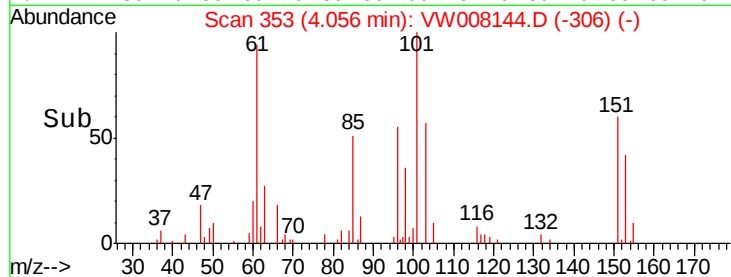
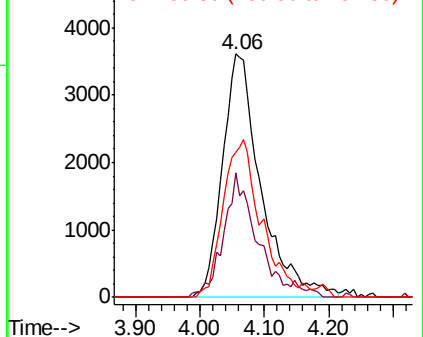
101 100

85 43.2 35.9 53.9

151 63.6 55.8 83.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.242 ug/l

RT: 4.26 min Scan# 387

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

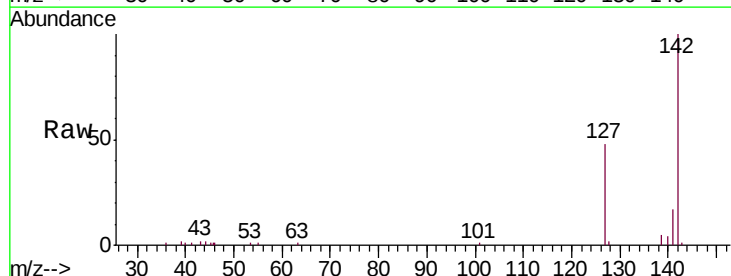
Tgt Ion:142 Resp: 20769

Ion Ratio Lower Upper

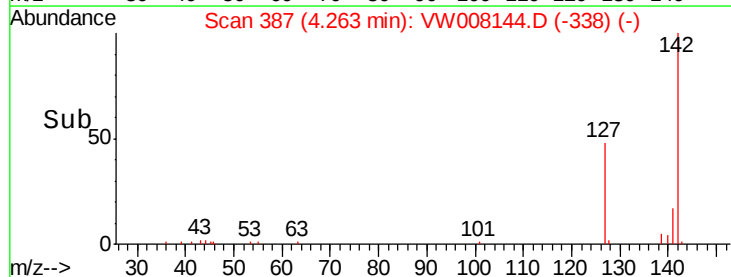
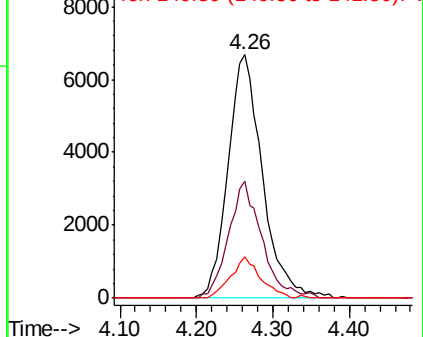
142 100

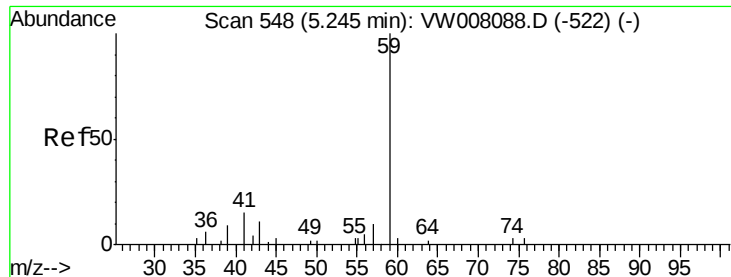
127 46.4 35.0 52.4

141 14.7 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

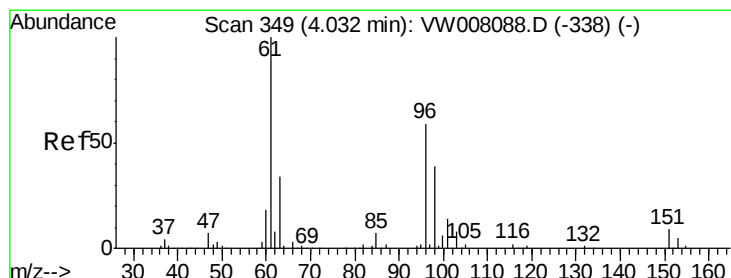
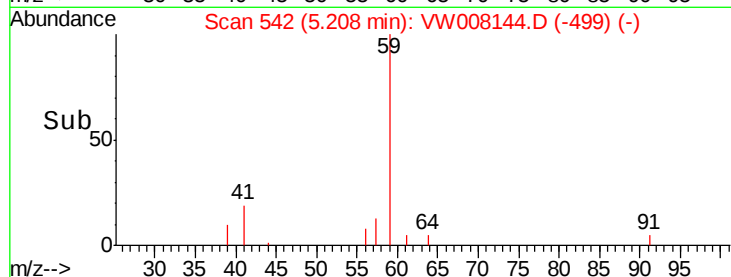
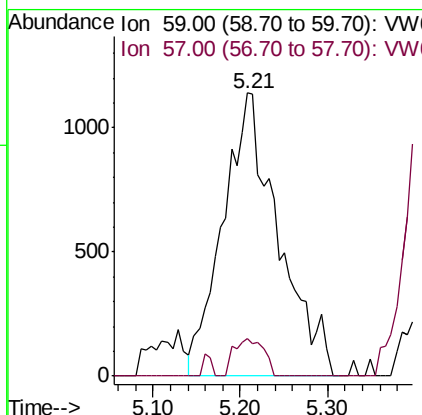
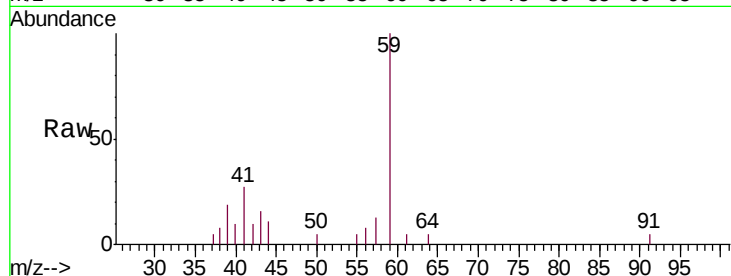




#11
Tert butyl alcohol
Concen: 99.460 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

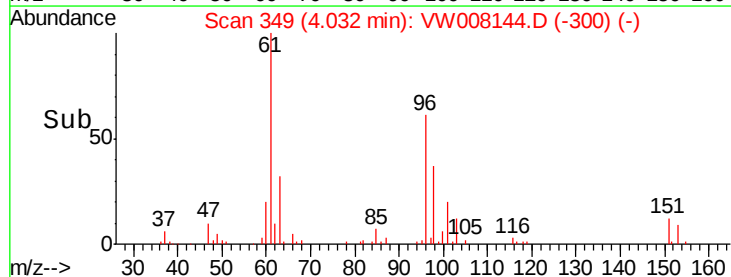
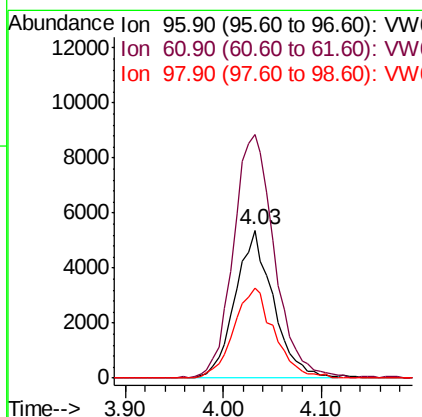
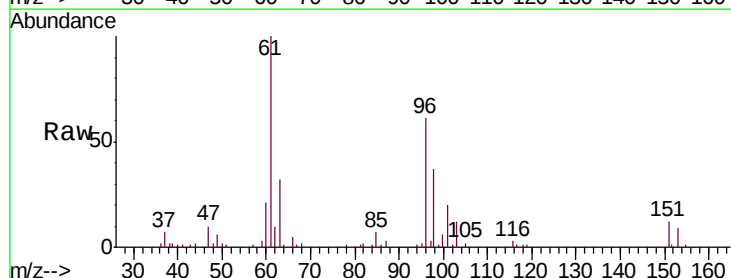
Instrument :
MSVOA_W
ClientSampled :
VW0110SBS01

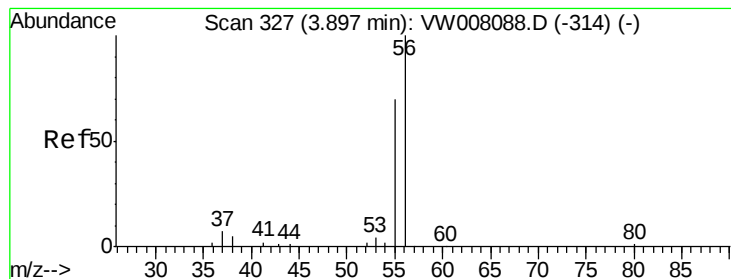
Tgt Ion: 59 Resp: 5034
Ion Ratio Lower Upper
59 100
57 7.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 21.018 ug/l
RT: 4.03 min Scan# 349
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 96 Resp: 14527
Ion Ratio Lower Upper
96 100
61 164.4 135.4 203.2
98 60.7 52.5 78.7





#13

Acrolein

Concen: 85.046 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

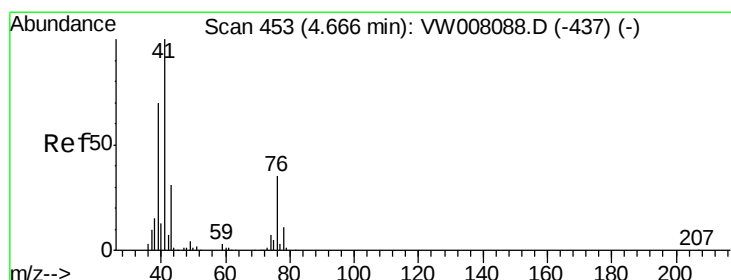
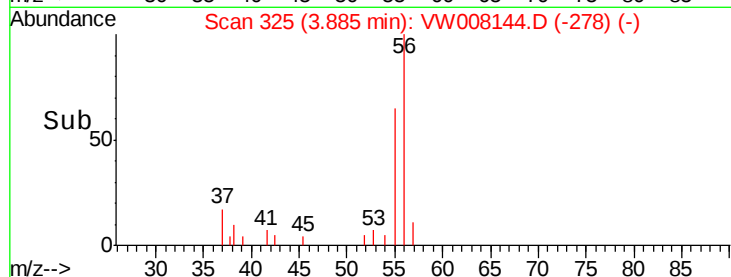
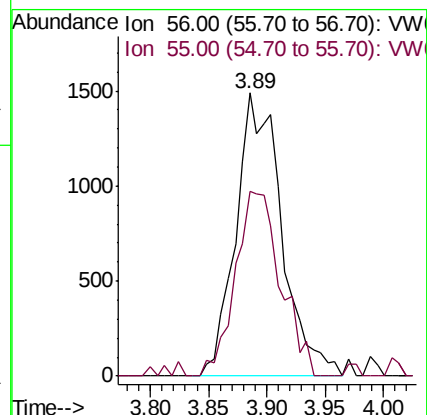
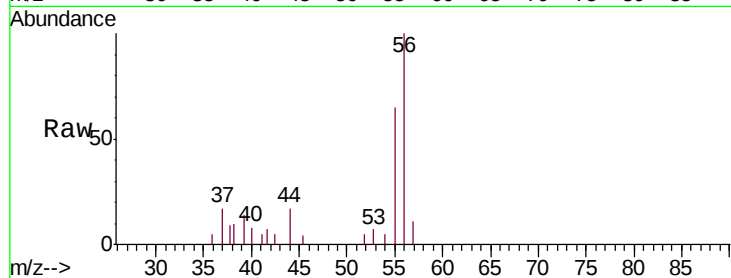
VW0110SBS01

Tgt Ion: 56 Resp: 4063

Ion Ratio Lower Upper

56 100

55 64.7 56.6 84.8



#14

Allyl chloride

Concen: 22.684 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

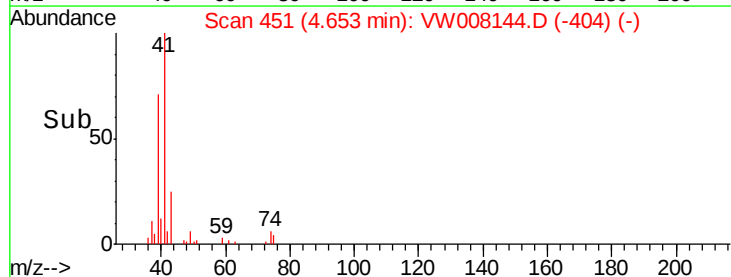
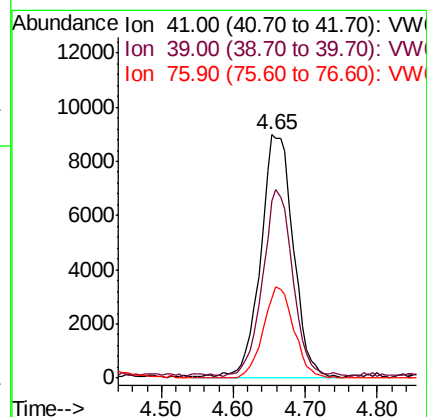
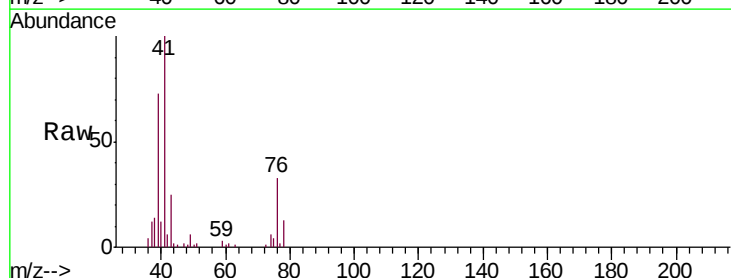
Tgt Ion: 41 Resp: 28466

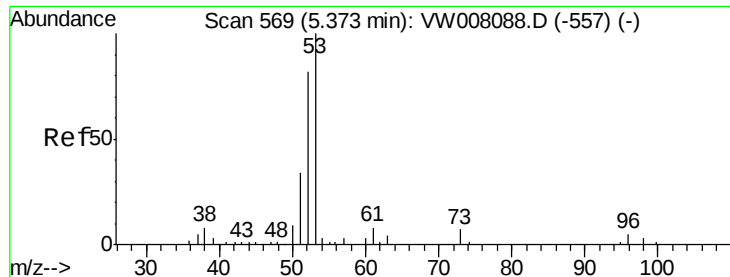
Ion Ratio Lower Upper

41 100

39 70.8 53.8 80.8

76 34.6 27.6 41.4





#15

Acrylonitrile

Concen: 119.401 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

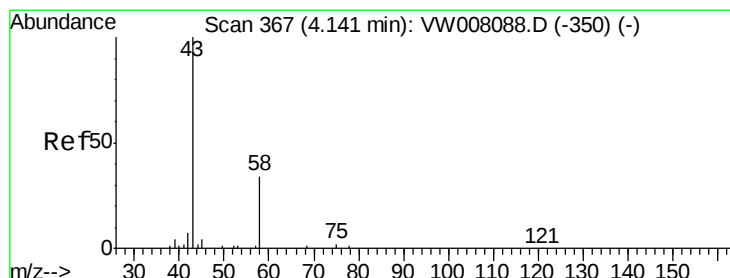
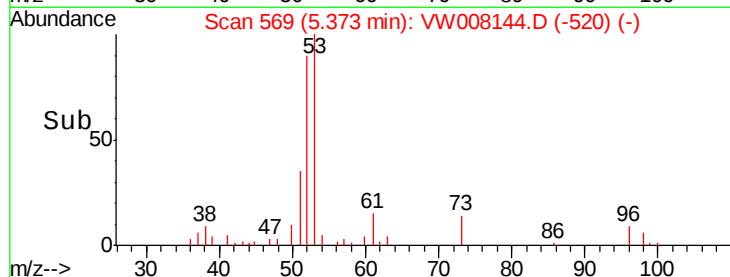
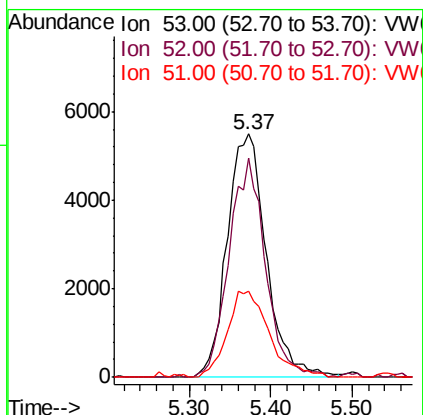
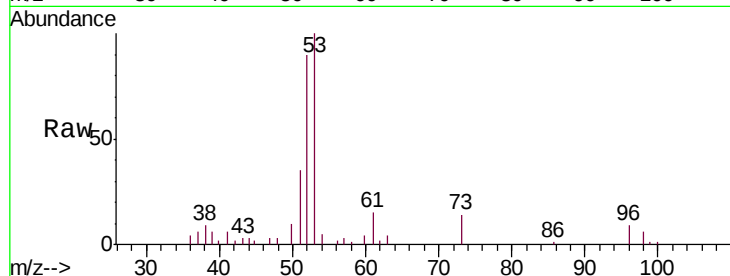
Tgt Ion: 53 Resp: 18222

Ion Ratio Lower Upper

53 100

52 83.9 66.8 100.2

51 38.2 29.7 44.5



#16

Acetone

Concen: 124.754 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008144.D

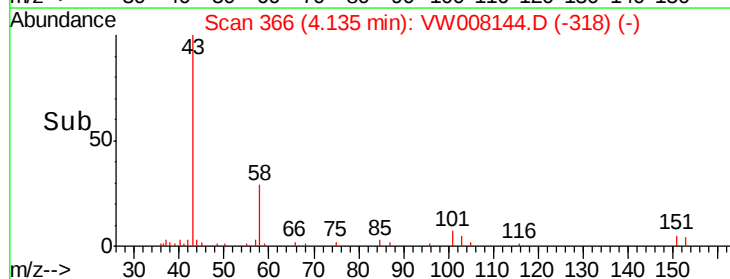
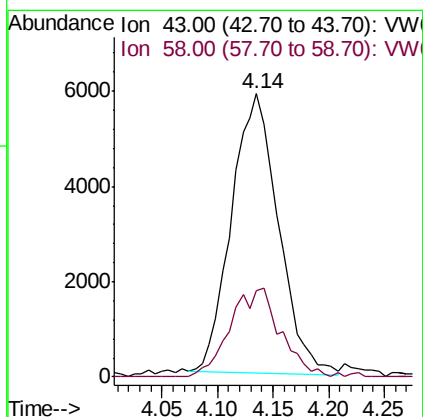
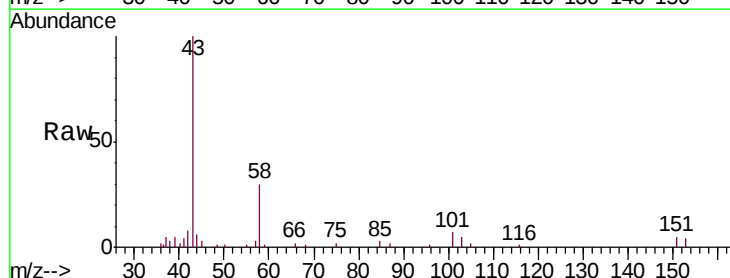
Acq: 10 Jan 2019 13:15

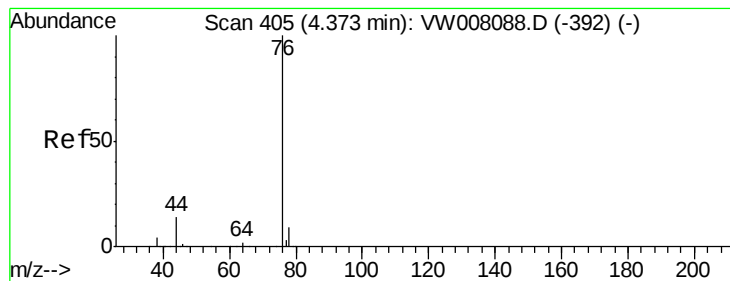
Tgt Ion: 43 Resp: 17258

Ion Ratio Lower Upper

43 100

58 31.1 27.5 41.3





#17

Carbon Disulfide

Concen: 21.512 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

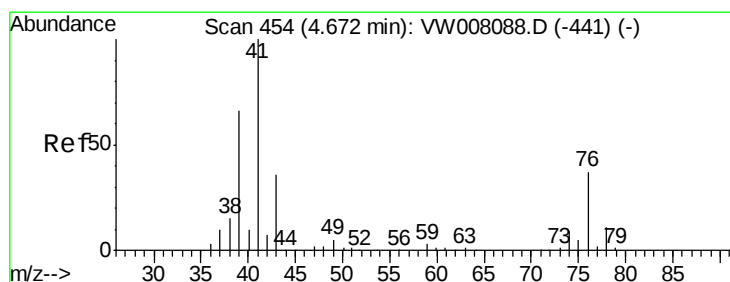
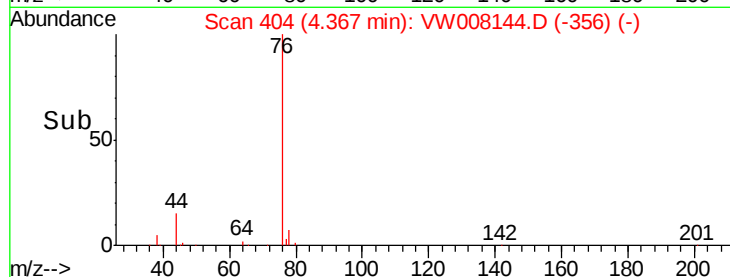
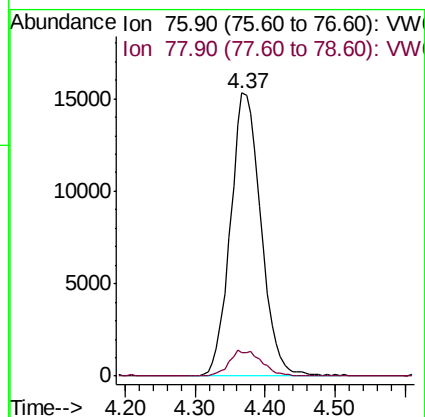
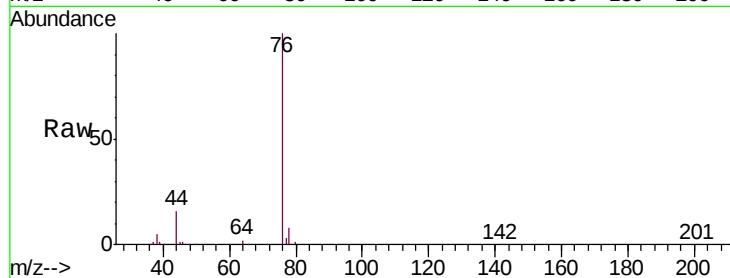
VW0110SBS01

Tgt Ion: 76 Resp: 46448

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6



#18

Methyl Acetate

Concen: 22.677 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW008144.D

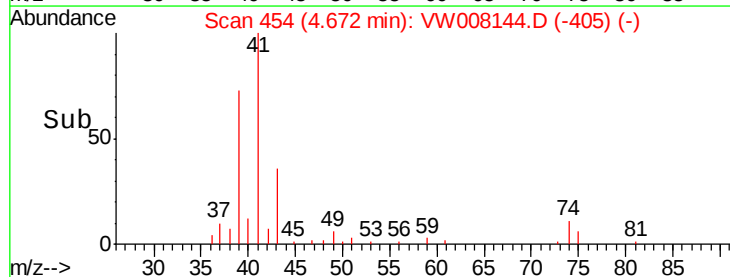
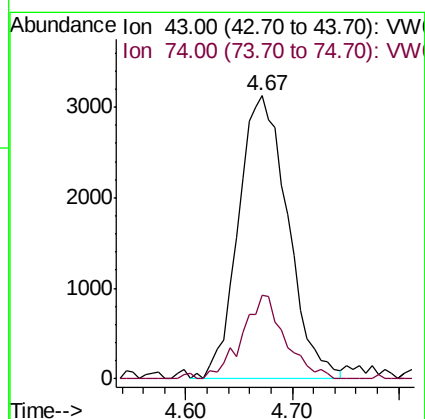
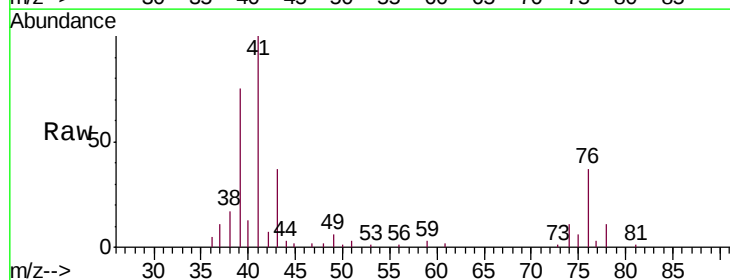
Acq: 10 Jan 2019 13:15

Tgt Ion: 43 Resp: 10167

Ion Ratio Lower Upper

43 100

74 25.6 19.0 28.4

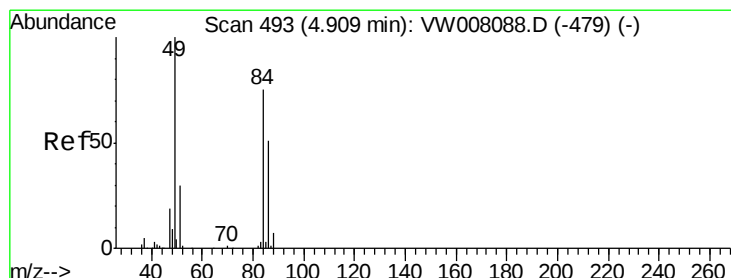
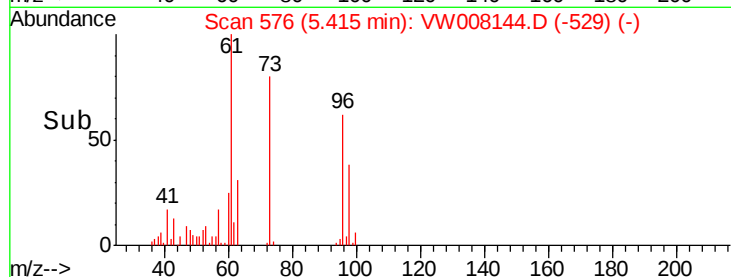
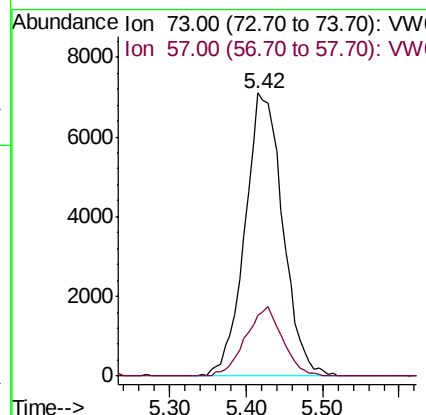
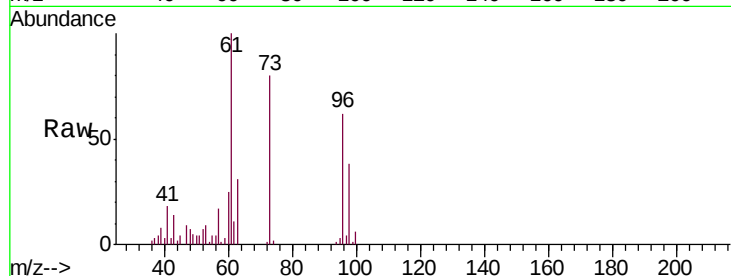




#19
Methyl tert-butyl Ether
Concen: 21.757 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

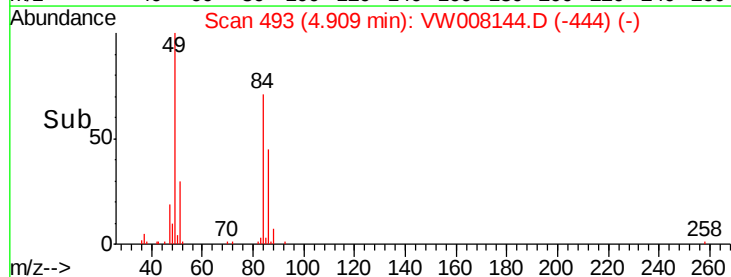
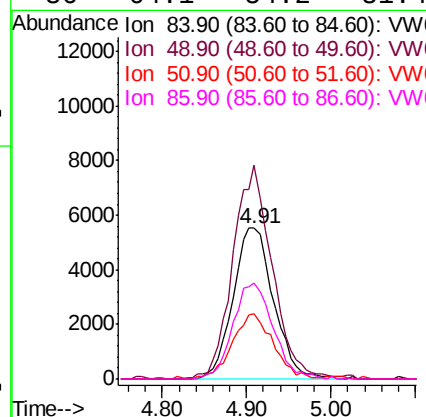
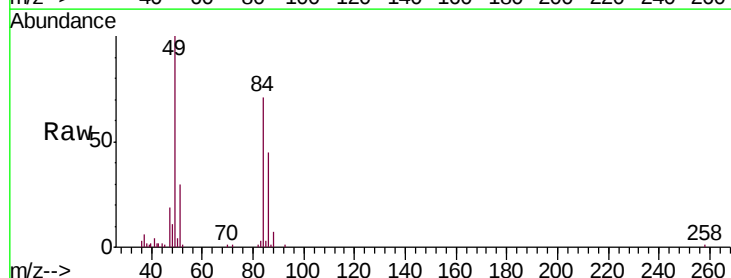
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

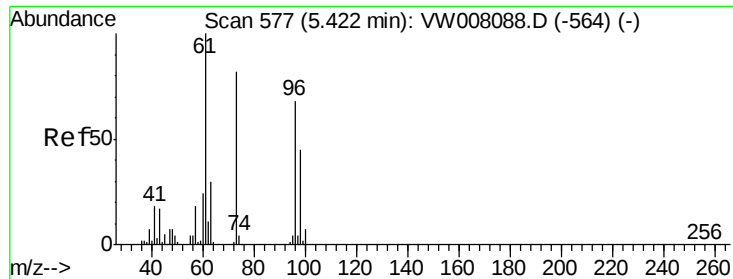
Tgt Ion: 73 Resp: 24448
Ion Ratio Lower Upper
73 100
57 21.4 16.7 25.1



#20
Methylene Chloride
Concen: 23.225 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 84 Resp: 18019
Ion Ratio Lower Upper
84 100
49 140.3 107.1 160.7
51 43.0 32.4 48.6
86 64.1 54.2 81.4





#21

trans-1,2-Dichloroethene

Concen: 21.869 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

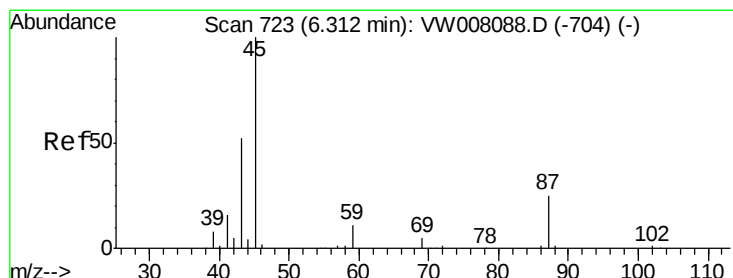
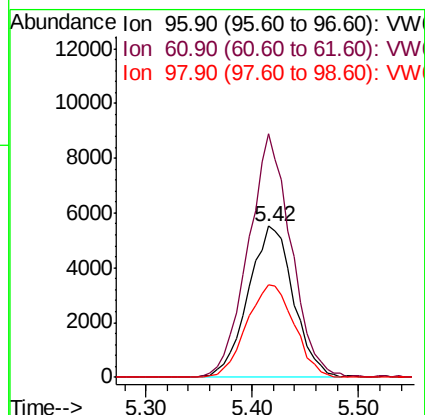
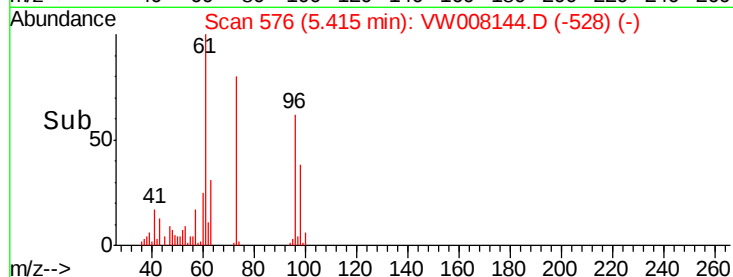
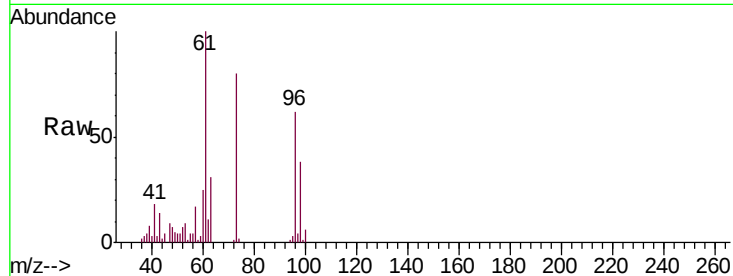
Tgt Ion: 96 Resp: 16426

Ion Ratio Lower Upper

96 100

61 161.1 117.4 176.0

98 61.6 52.2 78.4



#22

Diisopropyl ether

Concen: 23.487 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Tgt Ion: 45 Resp: 56212

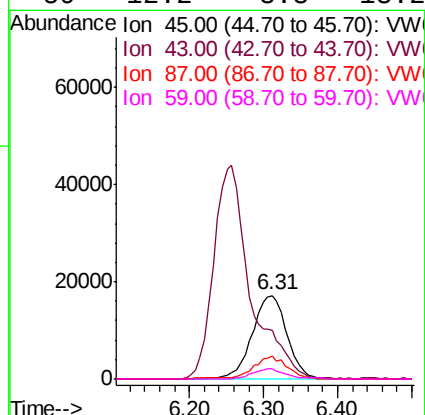
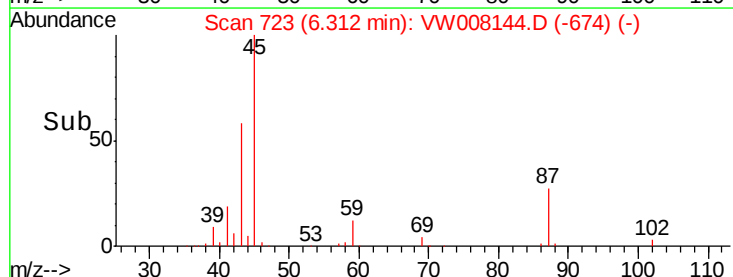
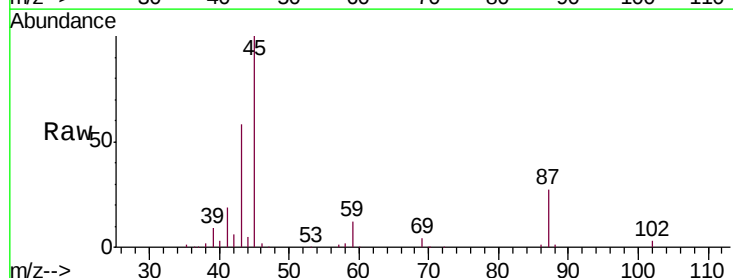
Ion Ratio Lower Upper

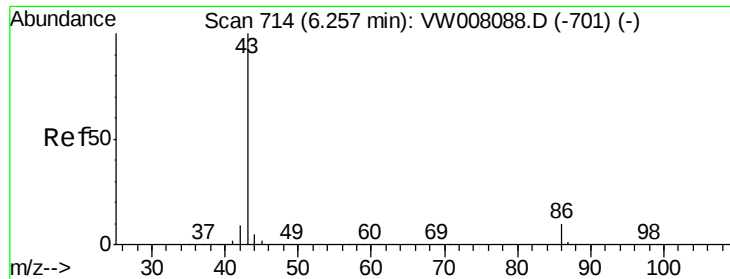
45 100

43 56.6 41.7 62.5

87 27.1 20.1 30.1

59 12.2 8.8 13.2

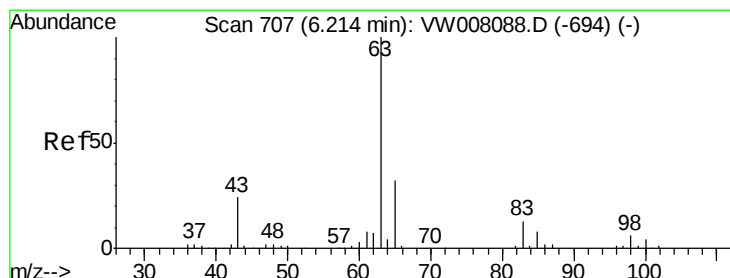
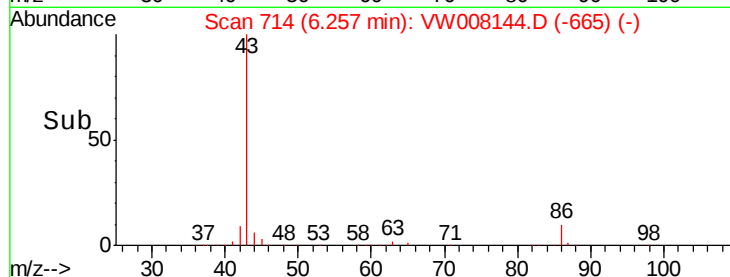
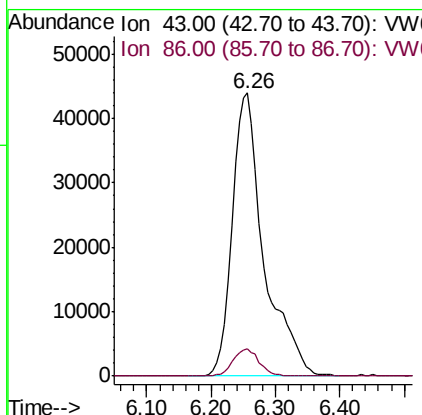
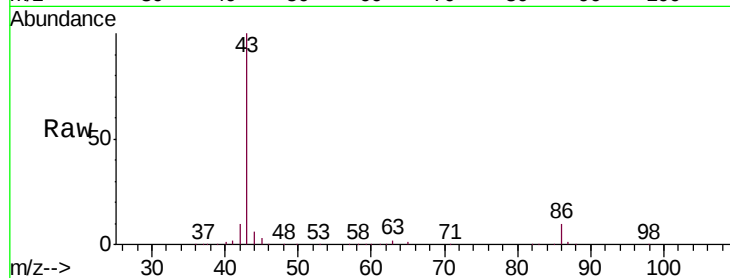




#23
 Vinyl Acetate
 Concen: 119.780 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

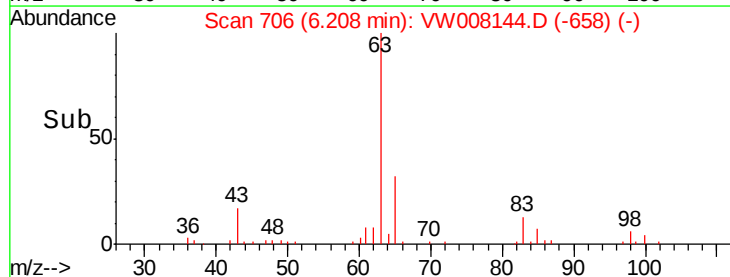
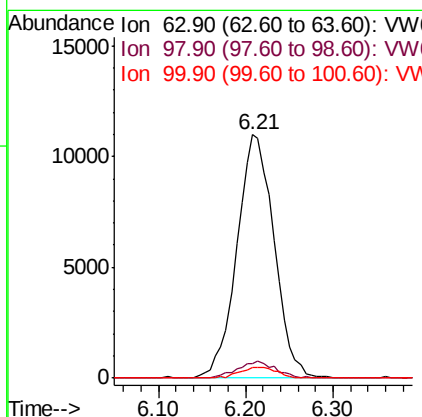
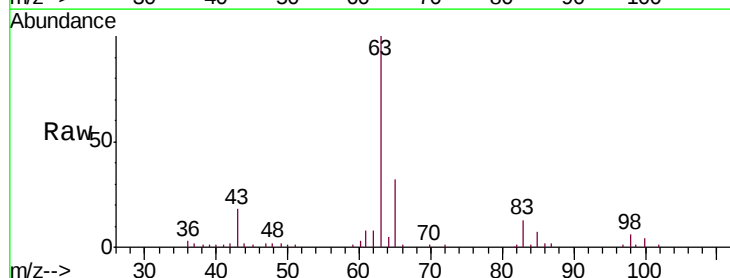
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

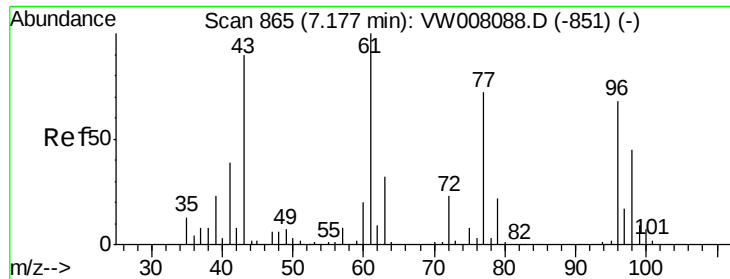
Tgt Ion: 43 Resp: 150559
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 23.290 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 63 Resp: 32478
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 123.142 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

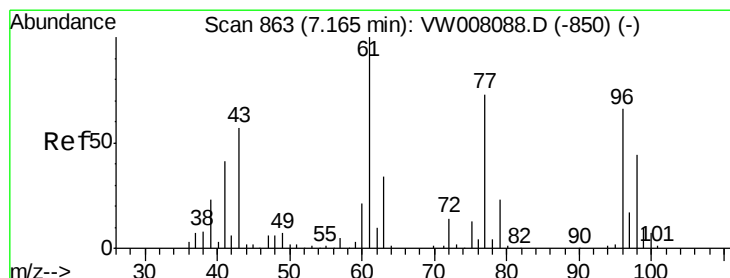
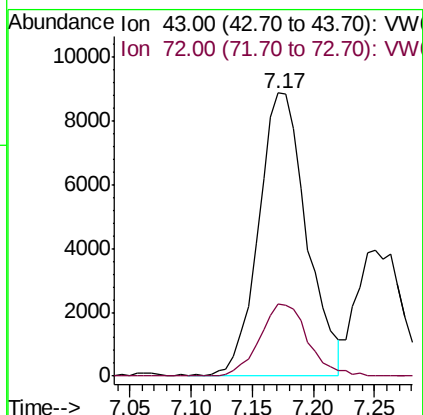
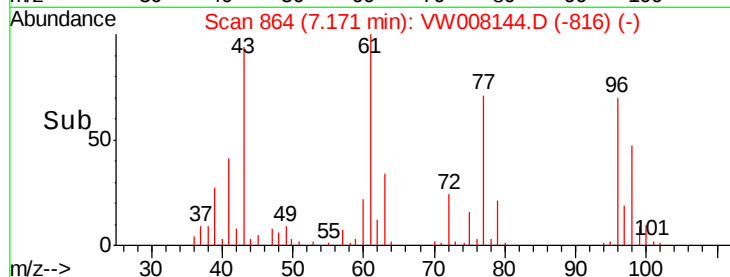
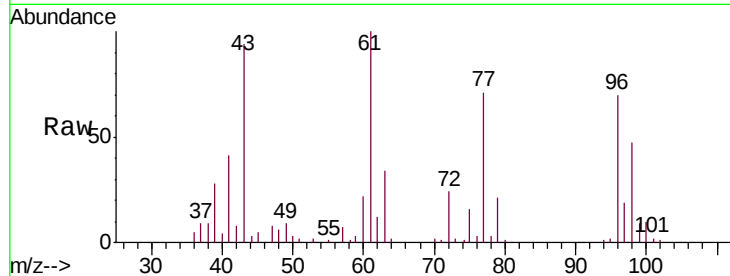
VW0110SBS01

Tgt Ion: 43 Resp: 24304

Ion Ratio Lower Upper

43 100

72 25.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 22.084 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008144.D

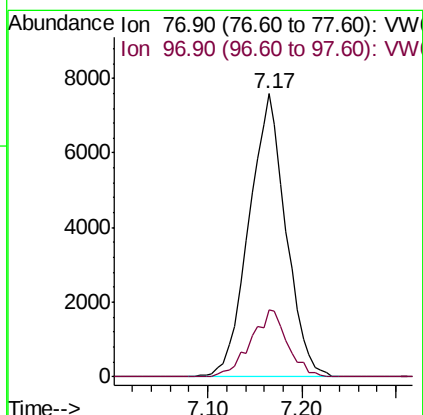
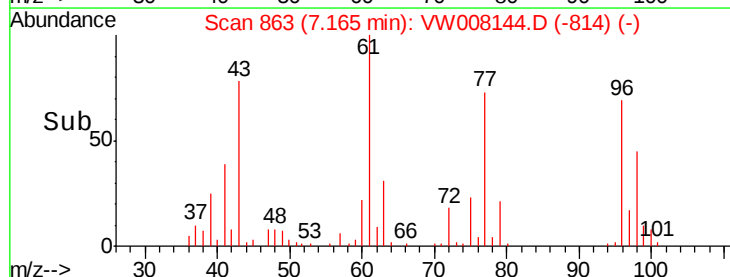
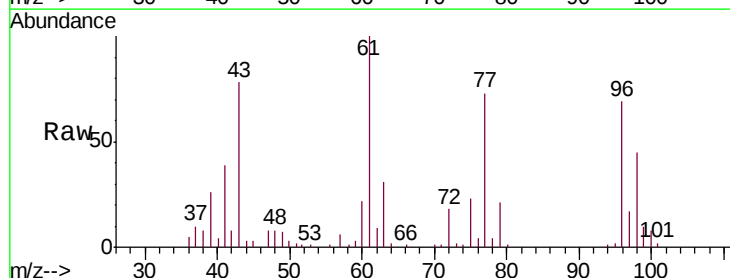
Acq: 10 Jan 2019 13:15

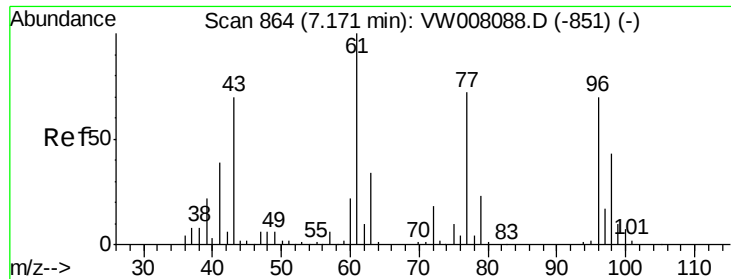
Tgt Ion: 77 Resp: 20866

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.1



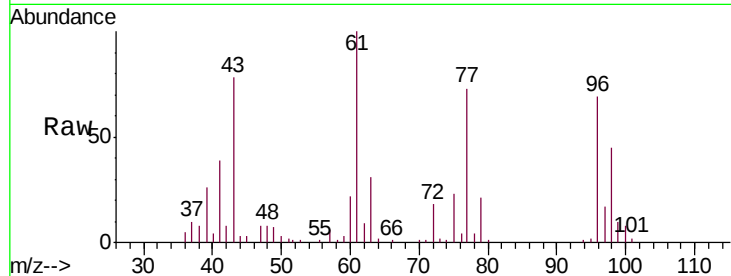


#27

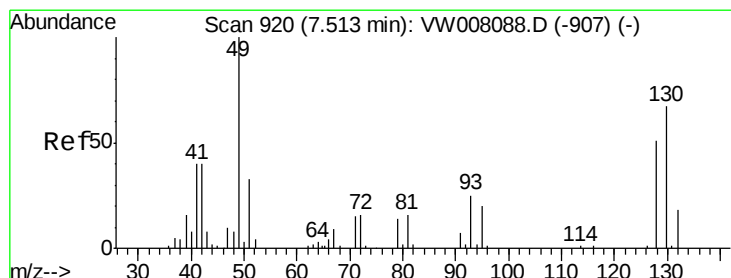
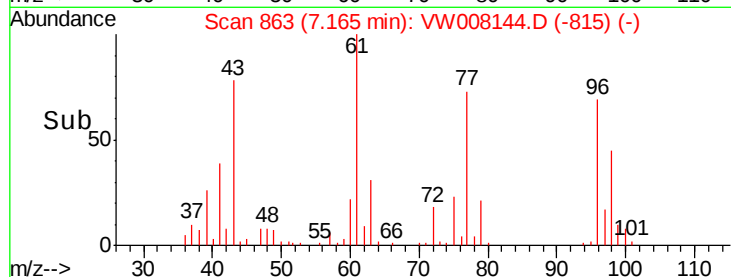
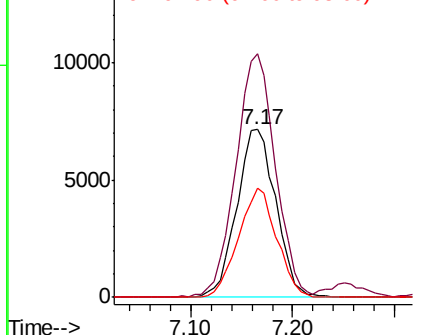
cis-1,2-Dichloroethene
Concen: 23.208 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampled :
VW0110SBS01

Tgt Ion: 96 Resp: 19019
Ion Ratio Lower Upper
96 100
61 146.8 0.0 300.4
98 63.5 0.0 128.4



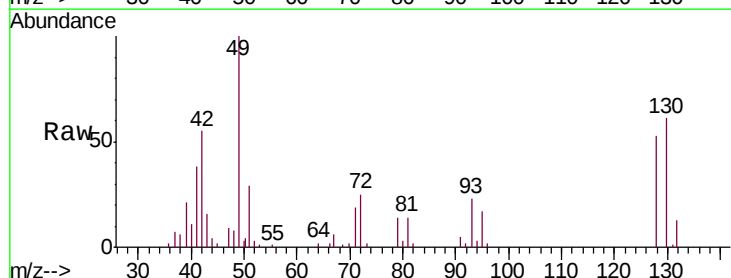
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



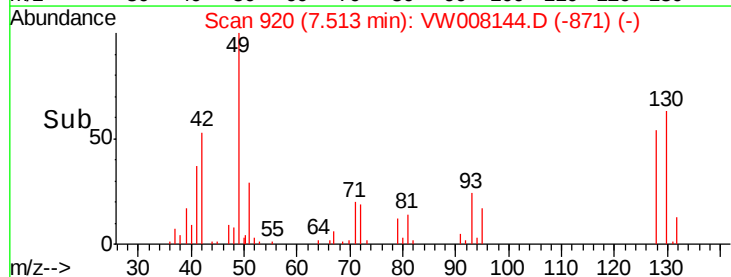
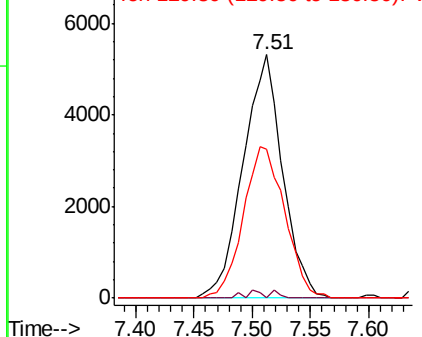
#28

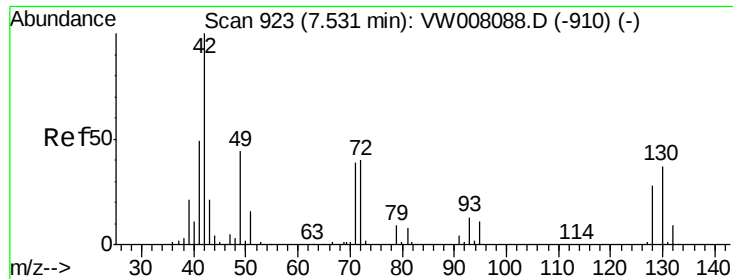
Bromochloromethane
Concen: 22.661 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 49 Resp: 12499
Ion Ratio Lower Upper
49 100
129 0.6 0.0 2.8
130 65.4 54.3 81.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

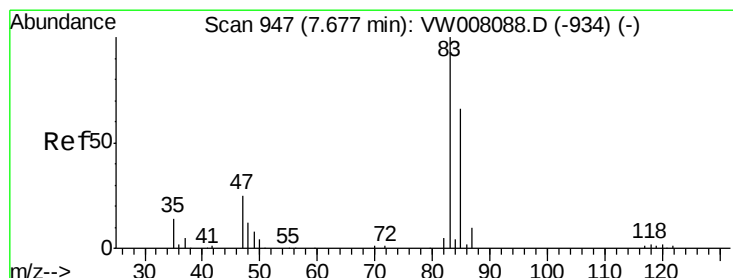
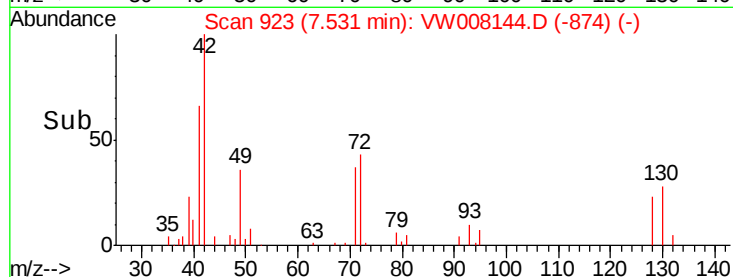
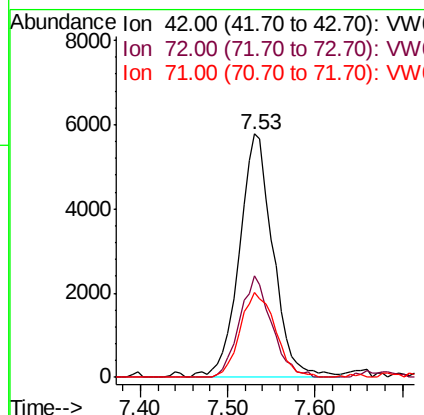
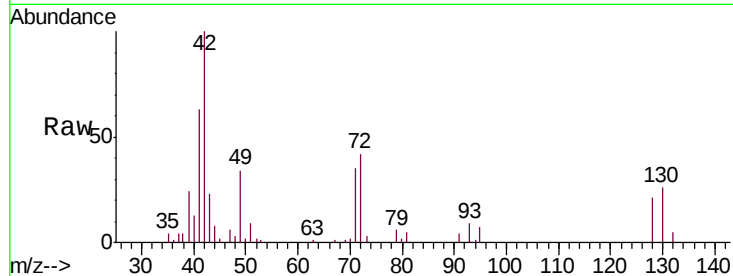




#29
Tetrahydrofuran
Concen: 117.584 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

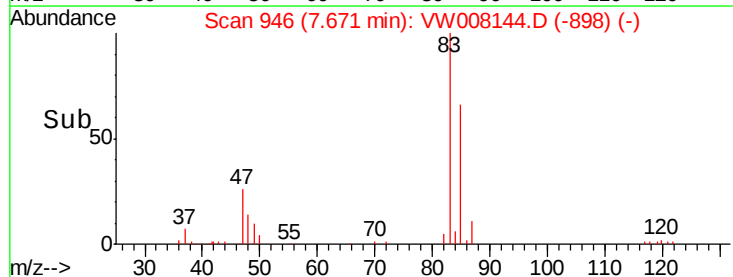
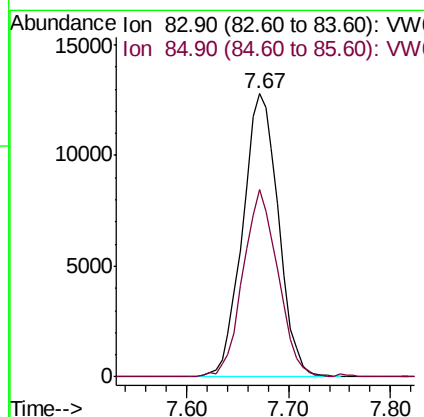
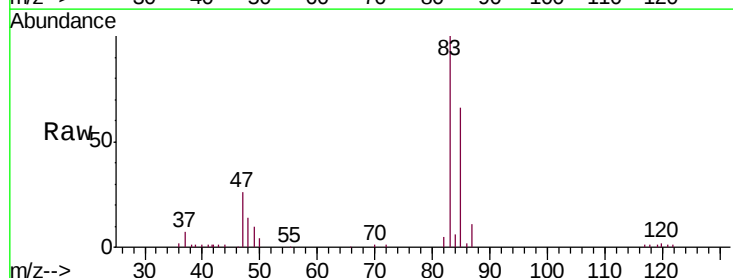
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

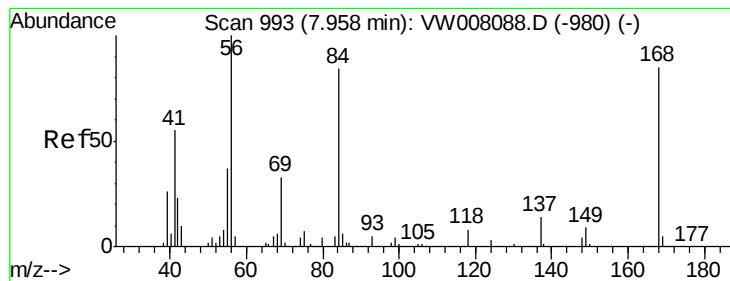
Tgt Ion: 42 Resp: 15502
Ion Ratio Lower Upper
42 100
72 39.6 32.4 48.6
71 36.5 31.3 46.9



#30
Chloroform
Concen: 23.544 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 83 Resp: 31251
Ion Ratio Lower Upper
83 100
85 66.4 53.2 79.8





#31

Cyclohexane

Concen: 21.118 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

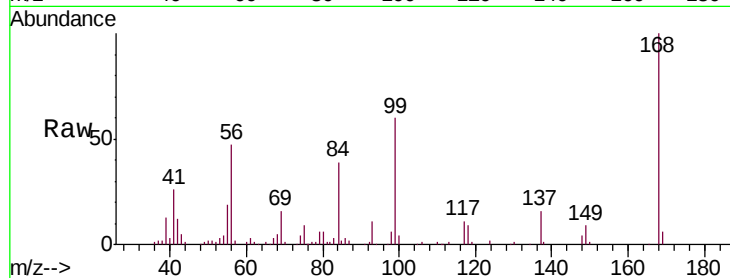
Tgt Ion: 56 Resp: 31526

Ion Ratio Lower Upper

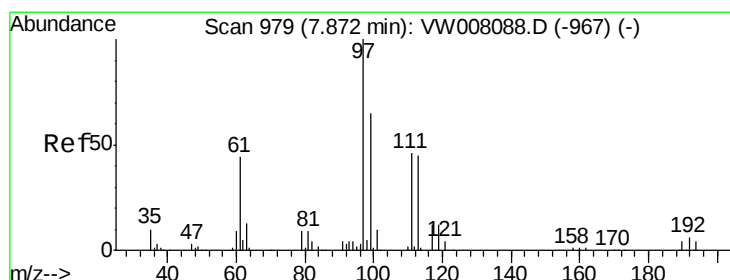
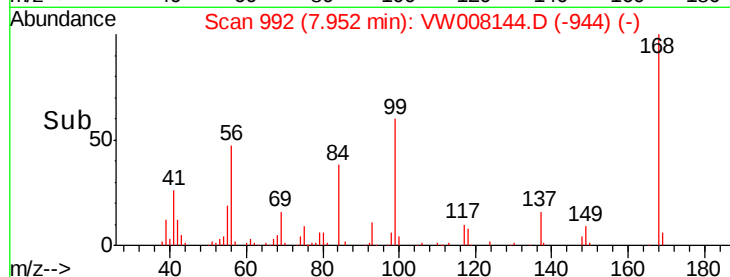
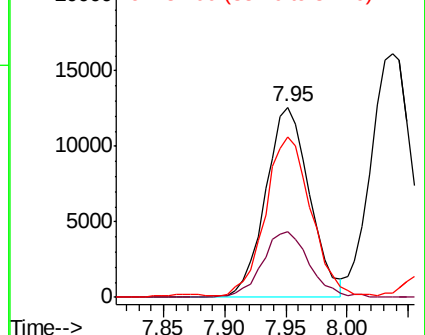
56 100

69 33.9 26.2 39.4

84 82.7 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: 22.510 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

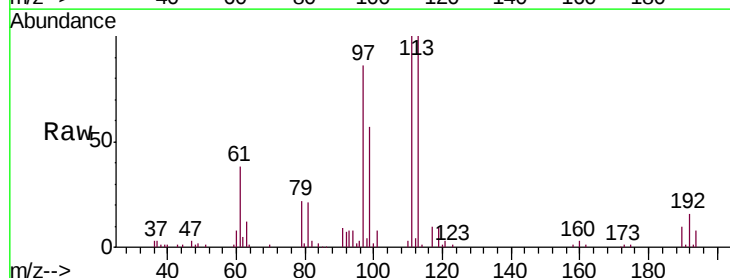
Tgt Ion: 97 Resp: 25998

Ion Ratio Lower Upper

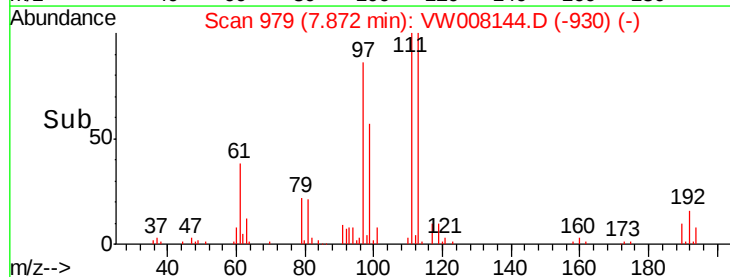
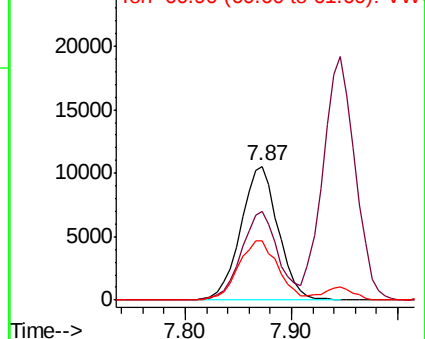
97 100

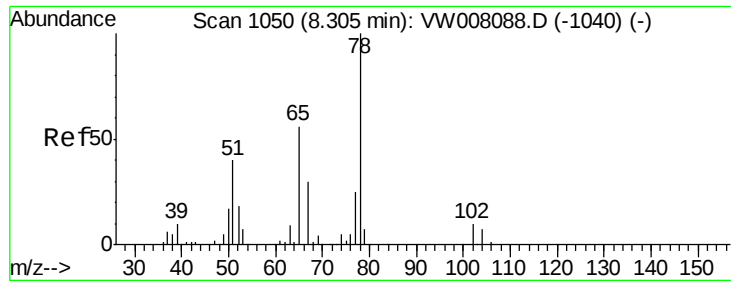
99 65.9 51.4 77.0

61 47.0 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: 52.687 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

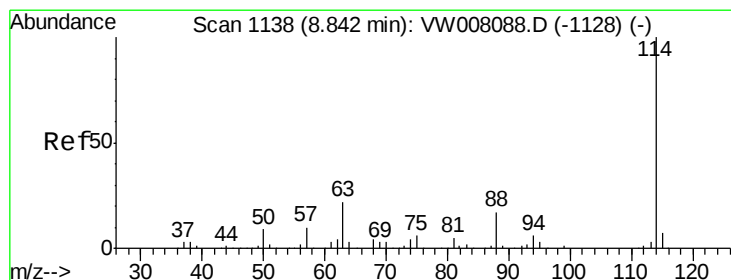
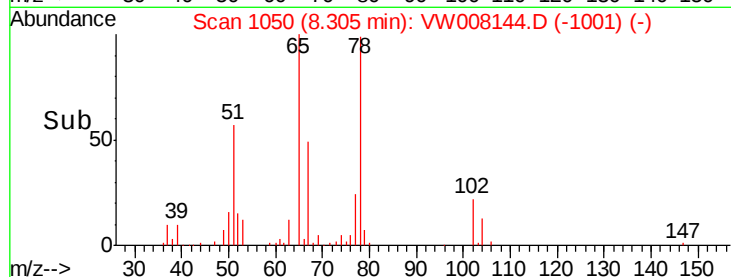
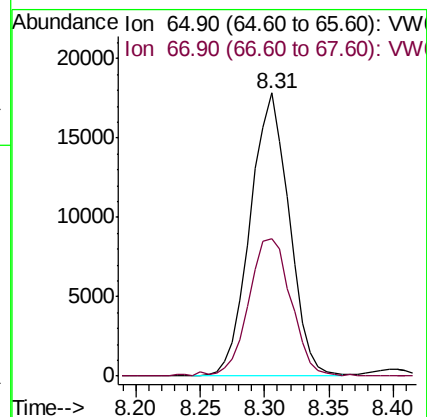
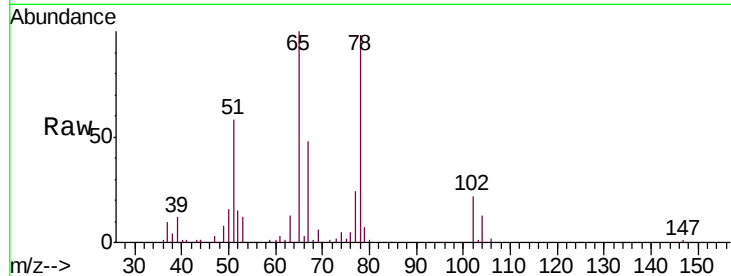
VW0110SBS01

Tgt Ion: 65 Resp: 37374

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: VW008144.D

Acq: 10 Jan 2019 13:15

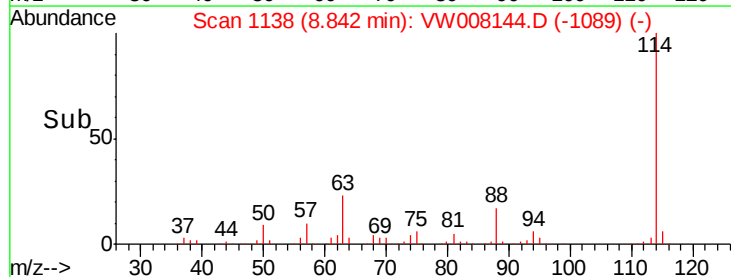
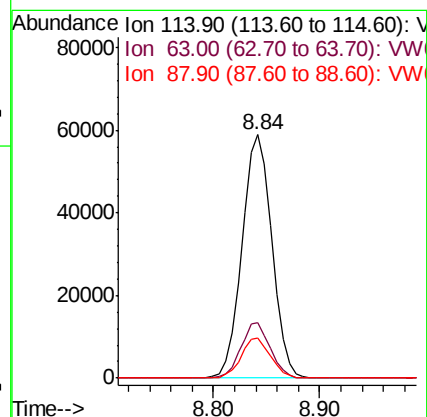
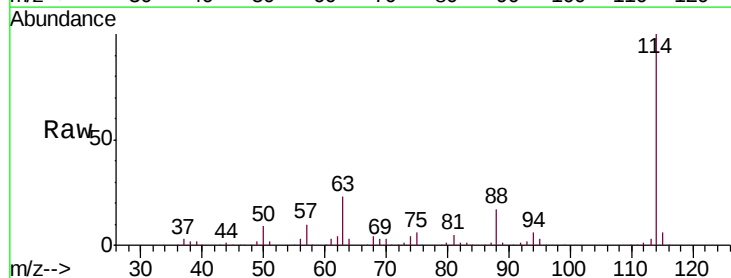
Tgt Ion: 114 Resp: 115868

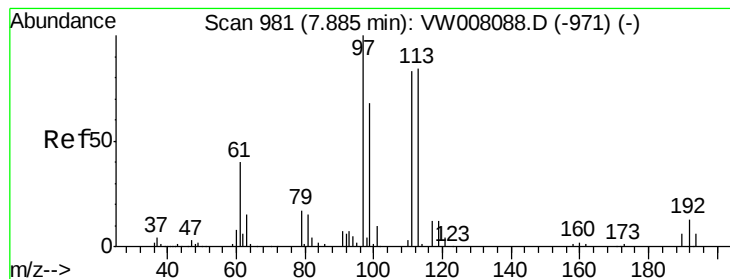
Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.657 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

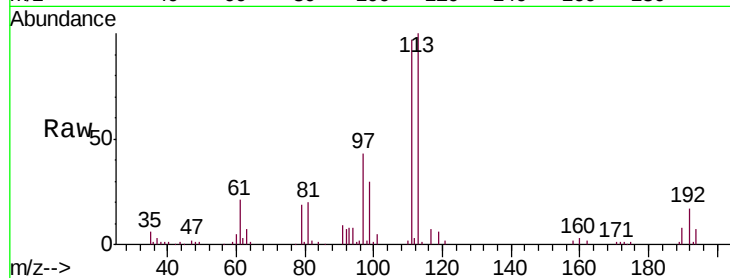
Tgt Ion:113 Resp: 34909

Ion Ratio Lower Upper

113 100

111 100.5 81.8 122.8

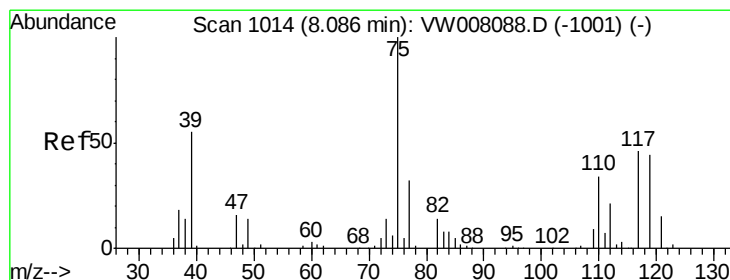
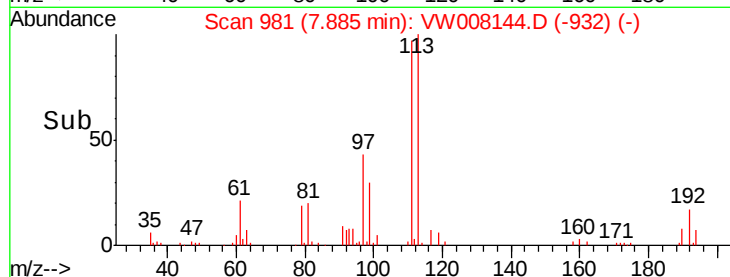
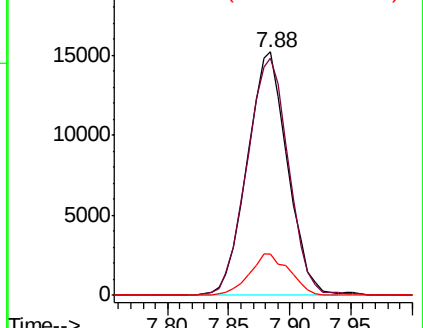
192 17.0 12.8 19.2



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: 21.422 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

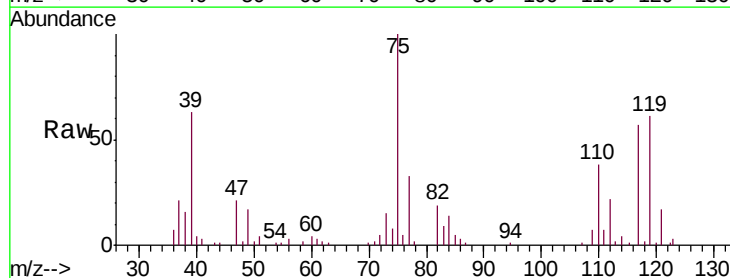
Tgt Ion: 75 Resp: 25568

Ion Ratio Lower Upper

75 100

110 35.0 17.1 51.3

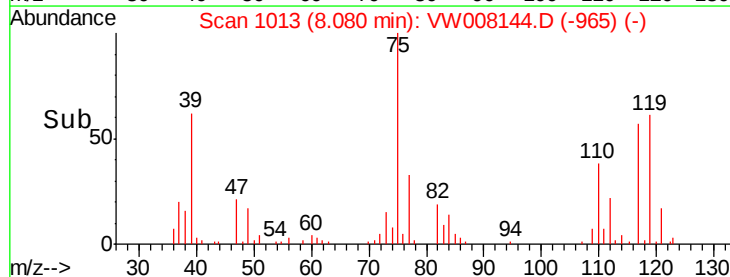
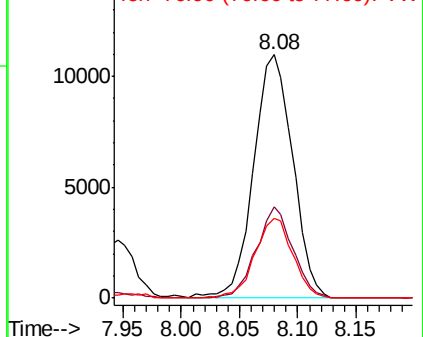
77 31.7 25.5 38.3

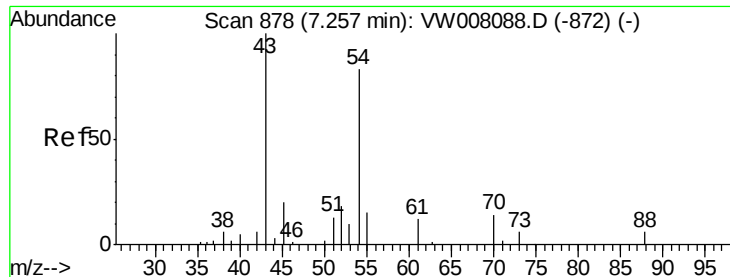


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

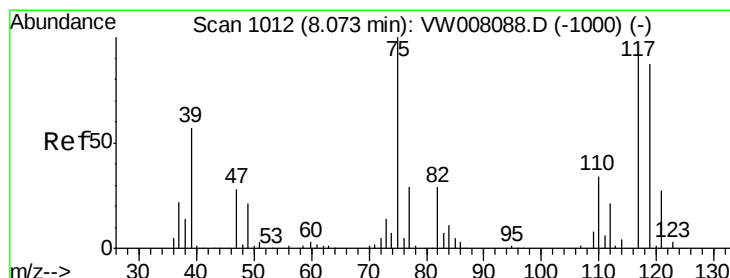
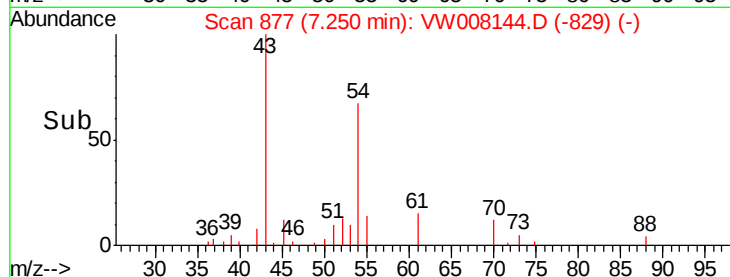
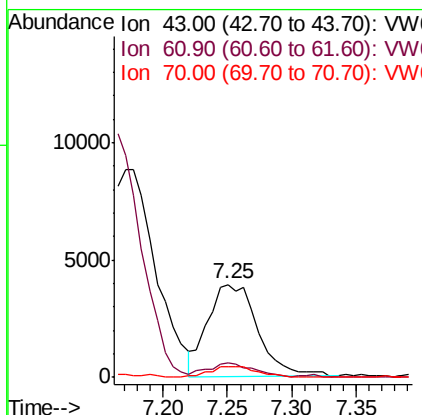
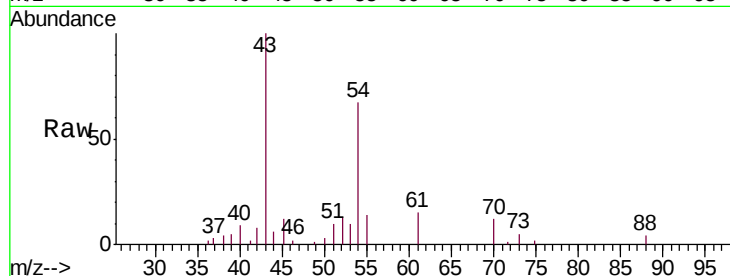




#37
Ethyl Acetate
Concen: 22.120 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

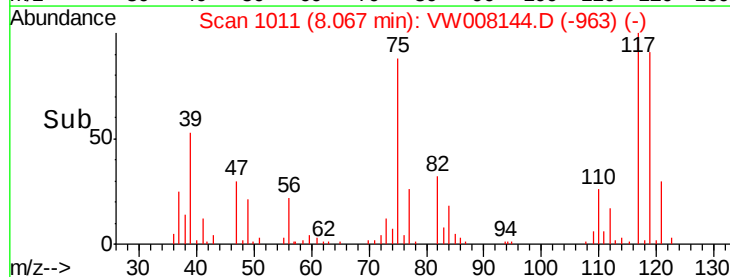
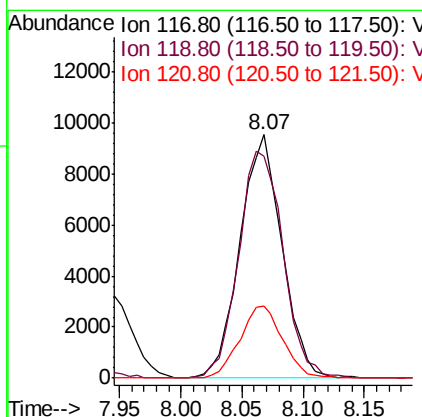
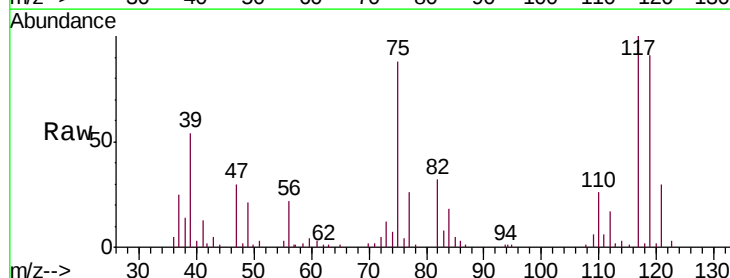
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

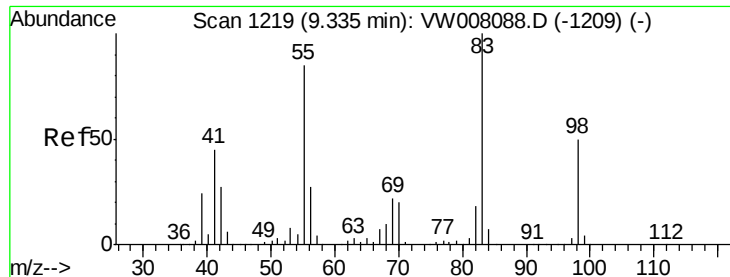
Tgt Ion: 43 Resp: 10577
Ion Ratio Lower Upper
43 100
61 14.7 10.6 16.0
70 11.3 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.871 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 117 Resp: 22800
Ion Ratio Lower Upper
117 100
119 91.3 75.8 113.8
121 29.6 23.7 35.5

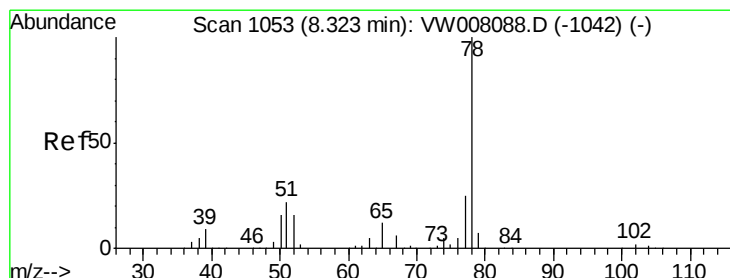
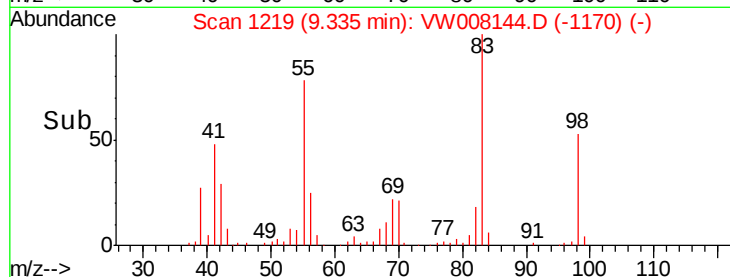
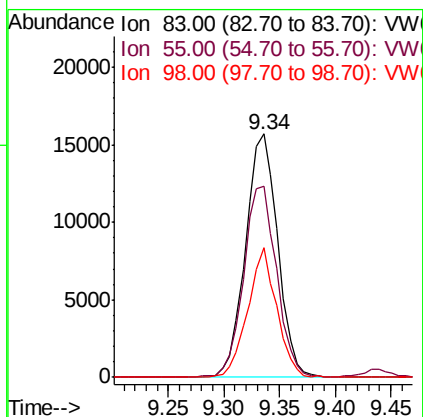
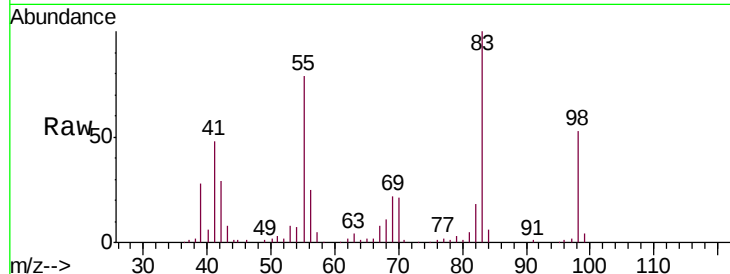




#39
Methylcyclohexane
Concen: 20.867 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

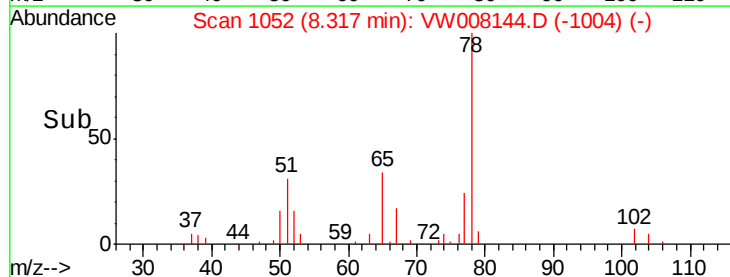
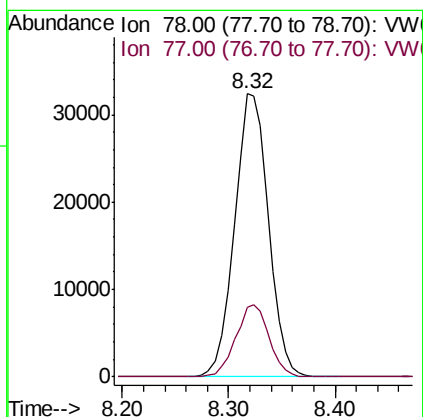
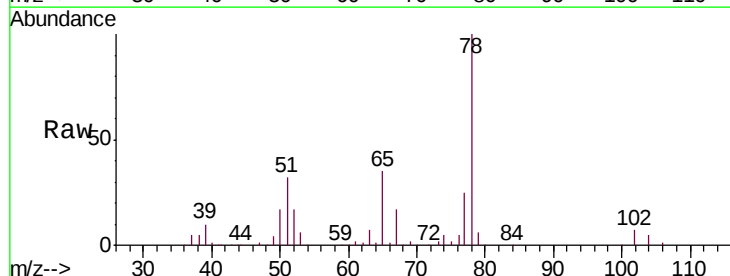
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

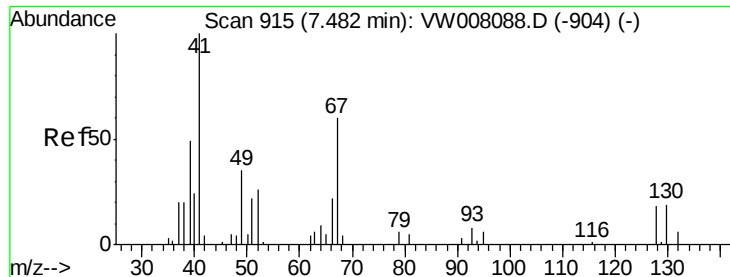
Tgt Ion: 83 Resp: 31580
Ion Ratio Lower Upper
83 100
55 78.5 67.8 101.6
98 53.0 40.2 60.4



#40
Benzene
Concen: 22.302 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 78 Resp: 72199
Ion Ratio Lower Upper
78 100
77 24.6 20.2 30.4





#41

Methacrylonitrile

Concen: 20.817 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tgt Ion: 41 Resp: 6288

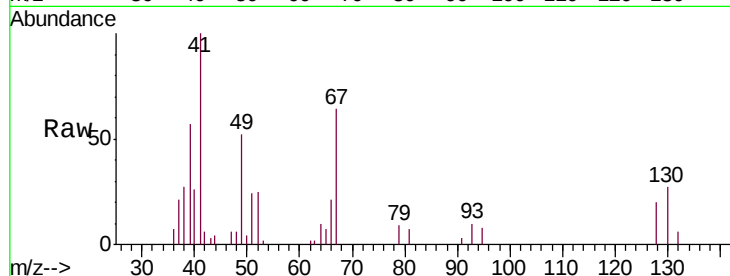
Ion Ratio Lower Upper

41 100

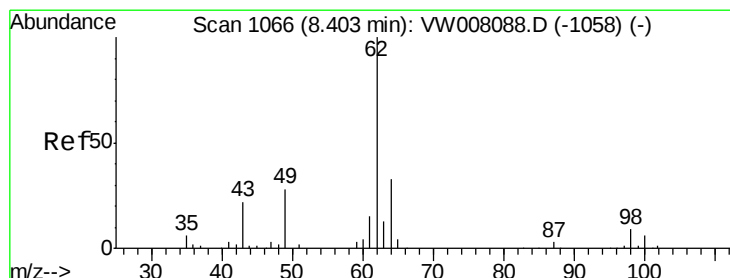
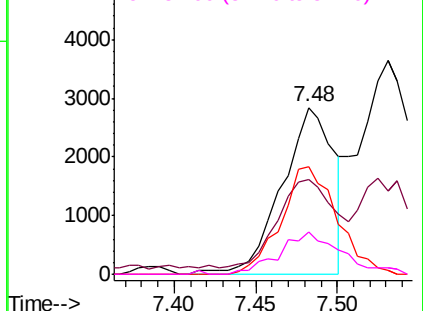
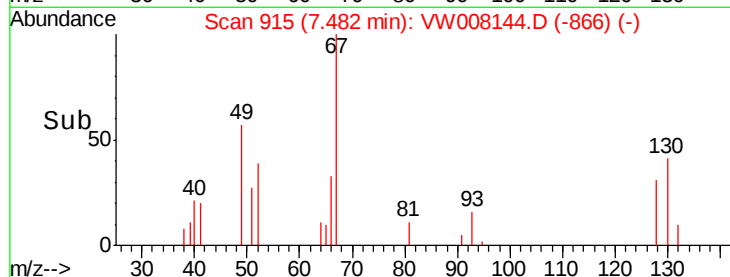
39 59.1 47.9 71.9

67 69.5 56.3 84.5

52 30.1 24.5 36.7



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



#42

1,2-Dichloroethane

Concen: 22.384 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW008144.D

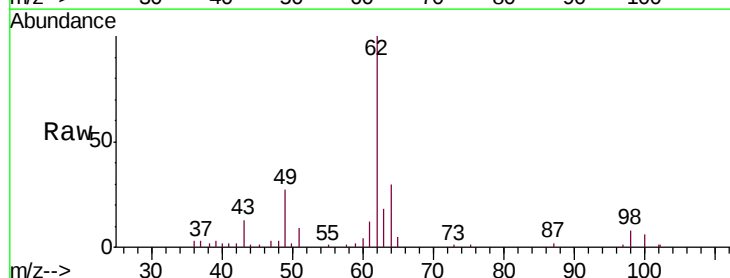
Acq: 10 Jan 2019 13:15

Tgt Ion: 62 Resp: 20381

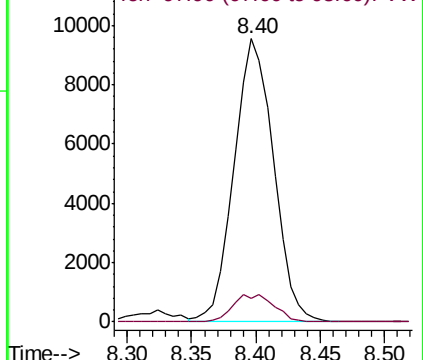
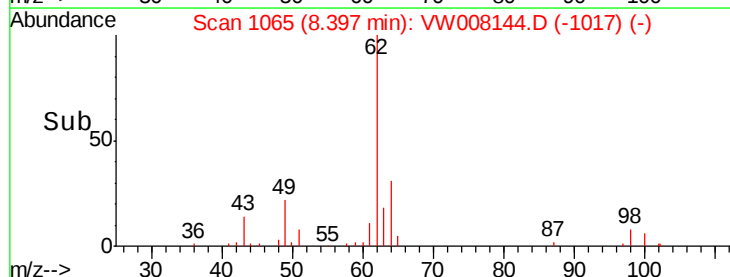
Ion Ratio Lower Upper

62 100

98 10.0 0.0 18.6



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





#43

Isopropyl Acetate

Concen: 22.170 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

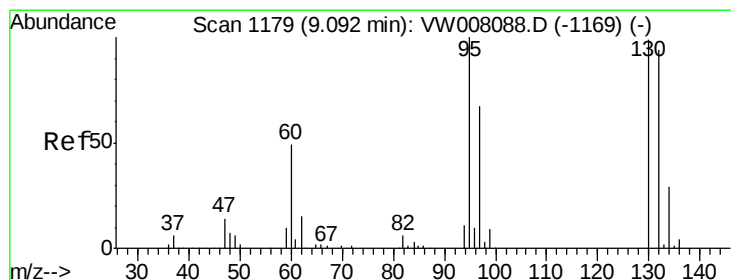
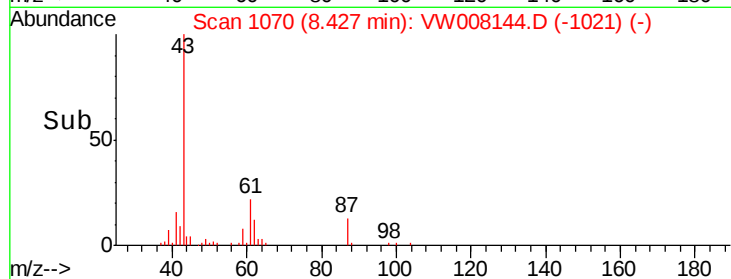
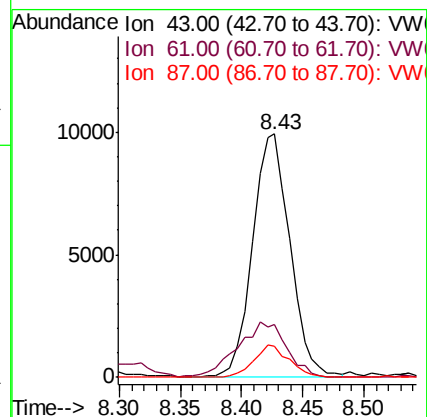
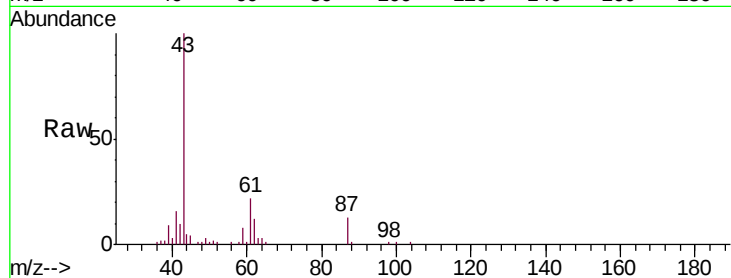
Tgt Ion: 43 Resp: 21196

Ion Ratio Lower Upper

43 100

61 29.7 24.8 37.2

87 12.4 10.4 15.6



#44

Trichloroethene

Concen: 21.431 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW008144.D

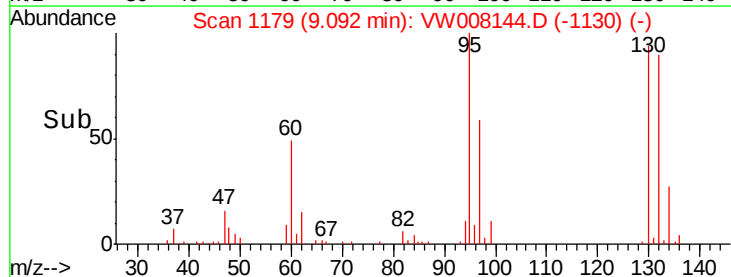
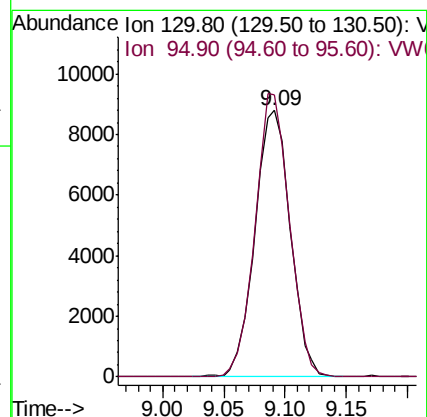
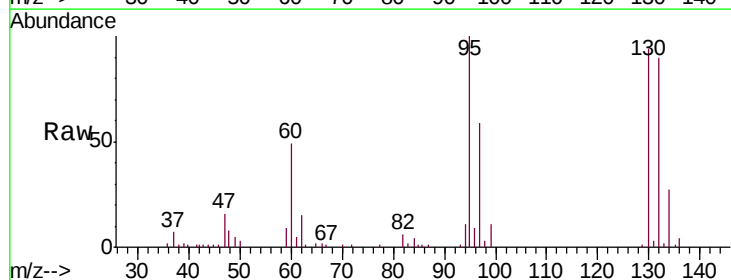
Acq: 10 Jan 2019 13:15

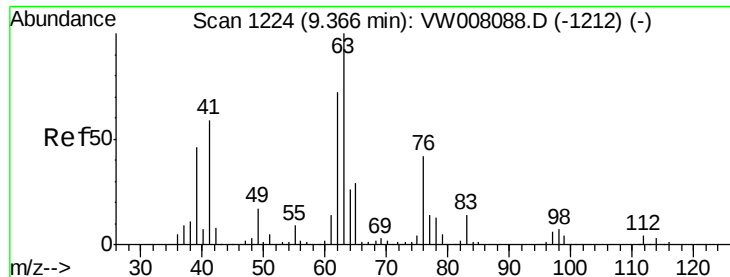
Tgt Ion: 130 Resp: 17760

Ion Ratio Lower Upper

130 100

95 106.0 0.0 202.8

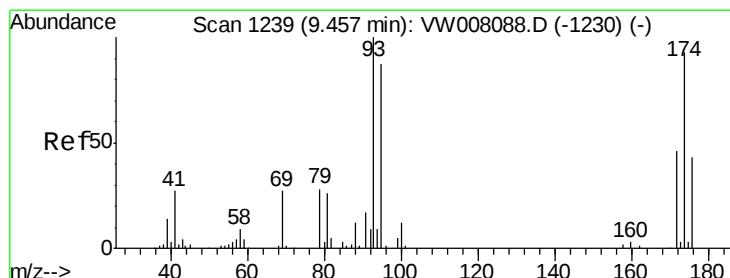
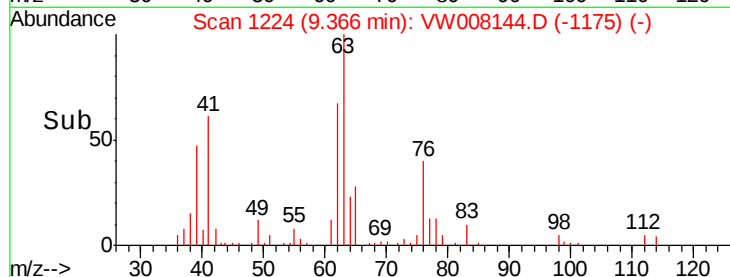
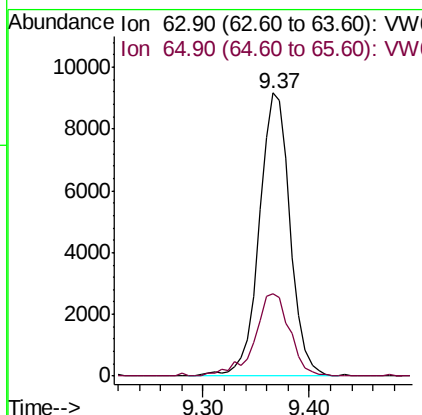
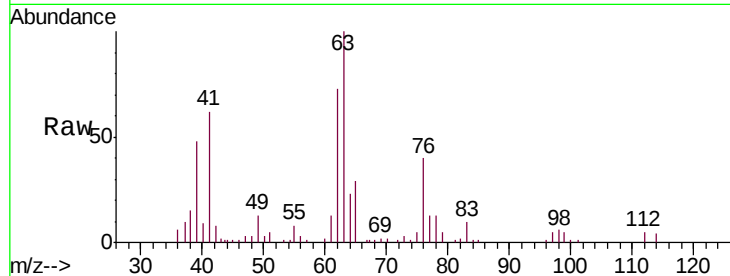




#45
 1,2-Dichloropropane
 Concen: 23.118 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

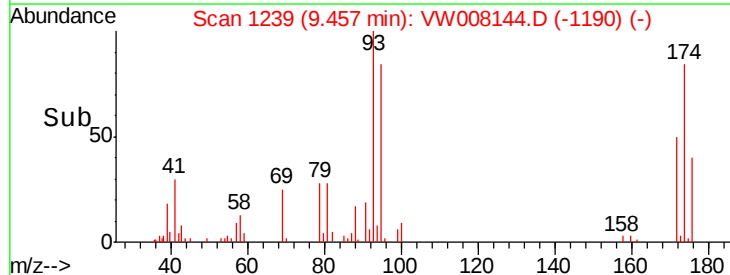
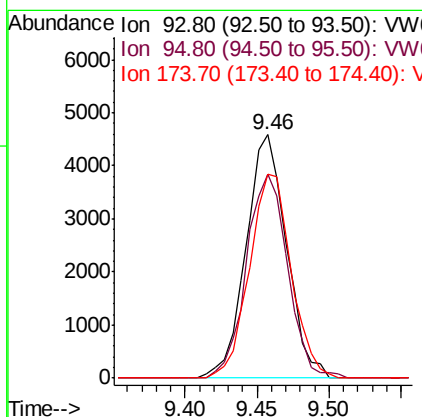
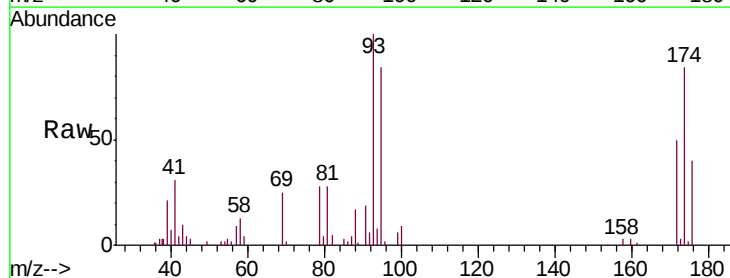
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

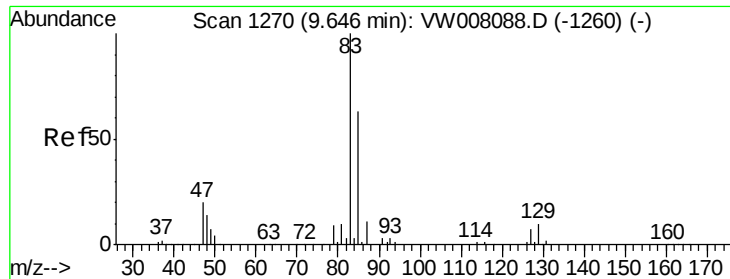
Tgt Ion: 63 Resp: 18557
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.3 34.9



#46
 Dibromomethane
 Concen: 22.597 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 93 Resp: 8908
 Ion Ratio Lower Upper
 93 100
 95 85.4 67.5 101.3
 174 86.5 72.5 108.7





#47

Bromodichloromethane

Concen: 21.959 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

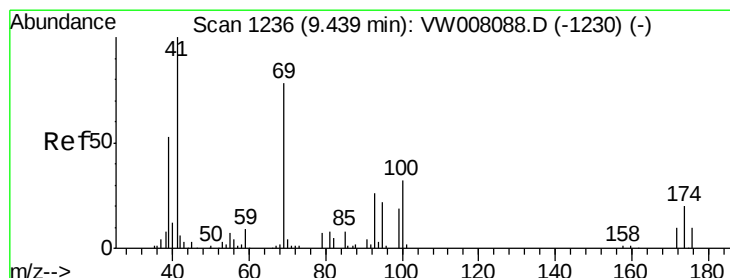
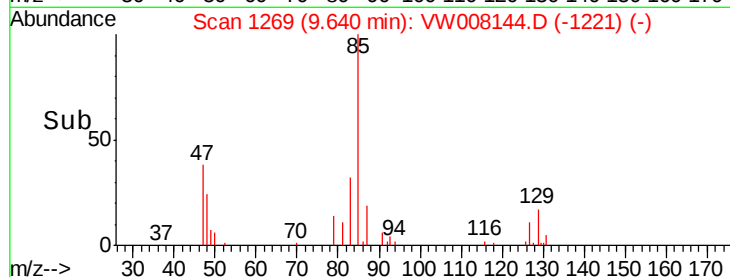
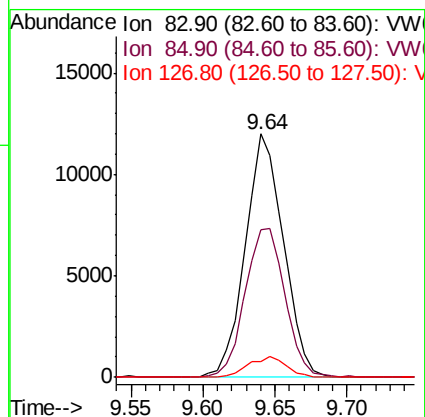
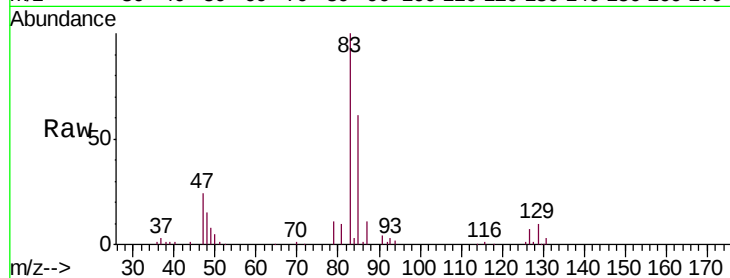
Tgt Ion: 83 Resp: 21981

Ion Ratio Lower Upper

83 100

85 60.7 50.7 76.1

127 6.5 6.0 9.0



#48

Methyl methacrylate

Concen: 22.049 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

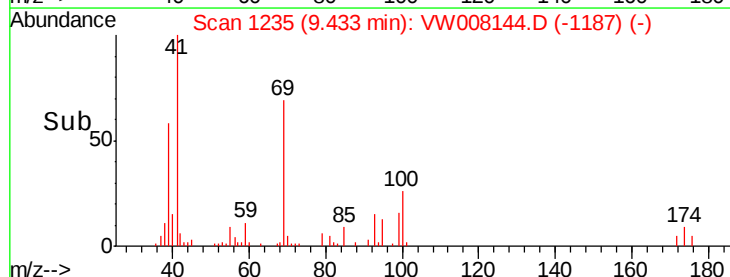
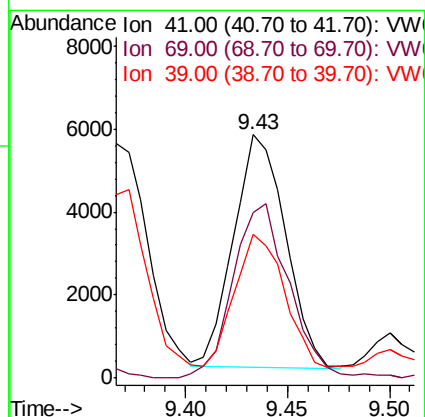
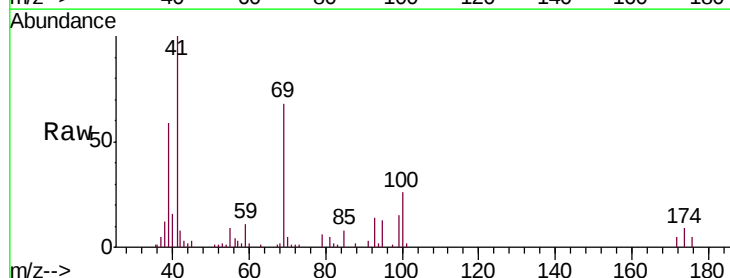
Tgt Ion: 41 Resp: 9947

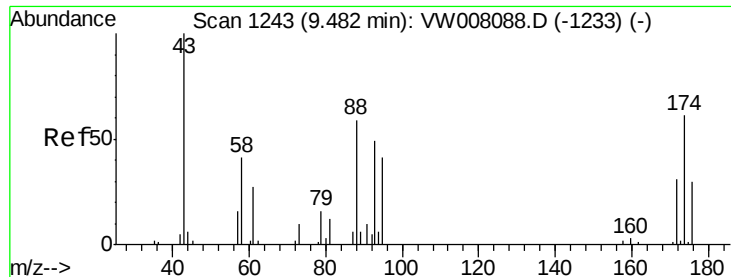
Ion Ratio Lower Upper

41 100

69 80.7 61.9 92.9

39 55.0 43.0 64.4

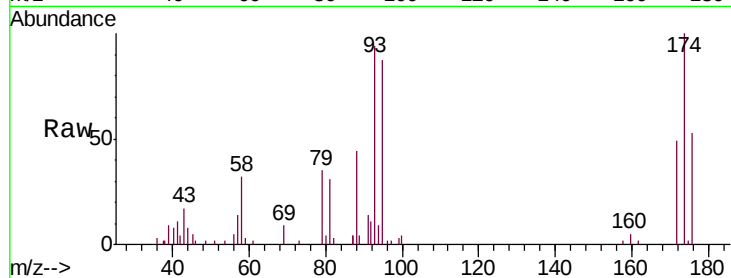




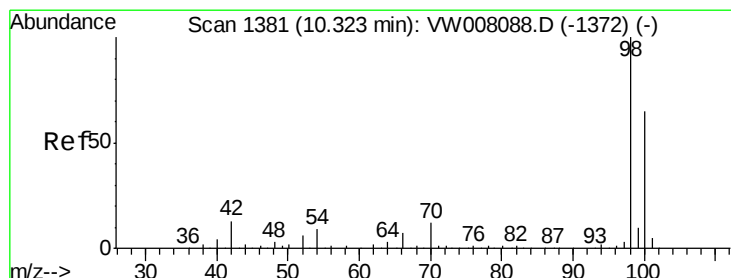
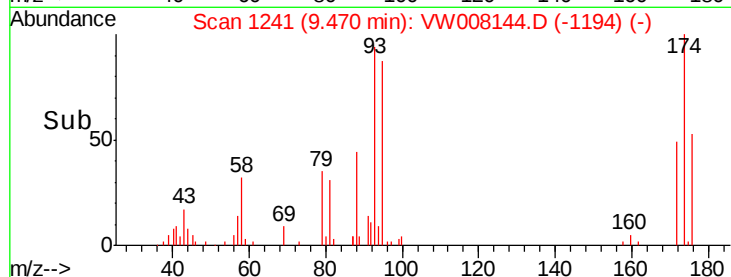
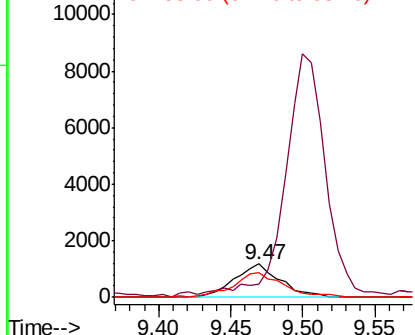
#49
1,4-Dioxane
Concen: 408.856 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

Tgt Ion: 88 Resp: 2592
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 82.3 61.7 92.5

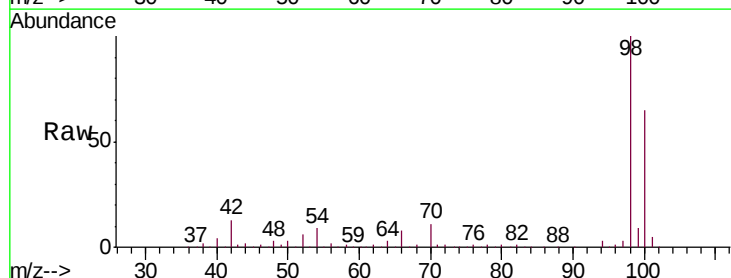


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

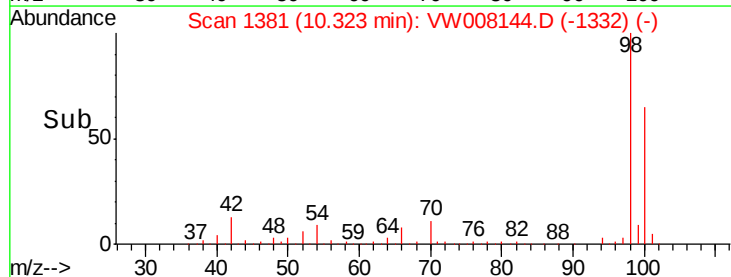
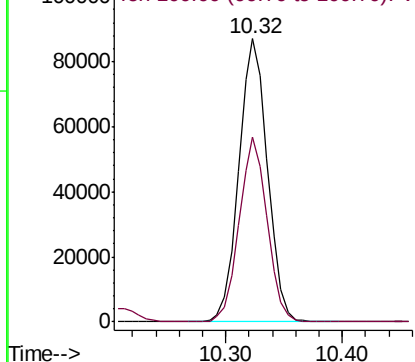


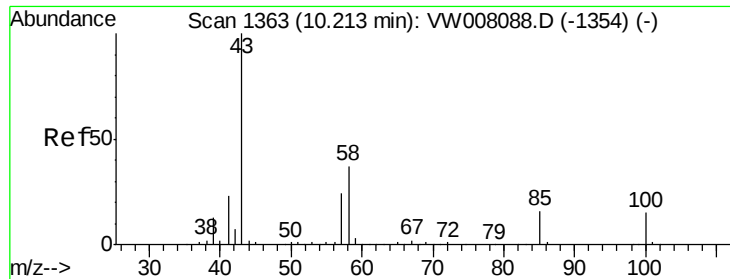
#50
Toluene-d8
Concen: 52.405 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 98 Resp: 148615
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



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

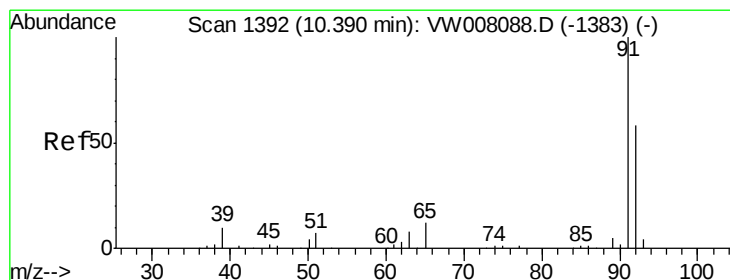
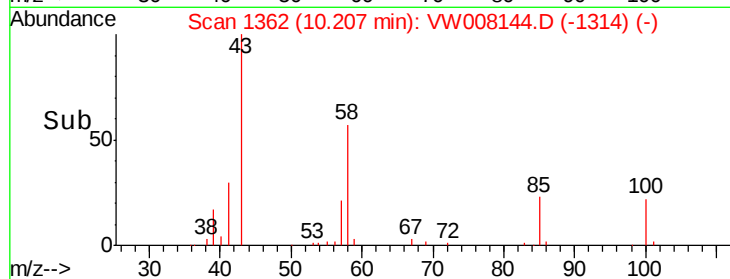
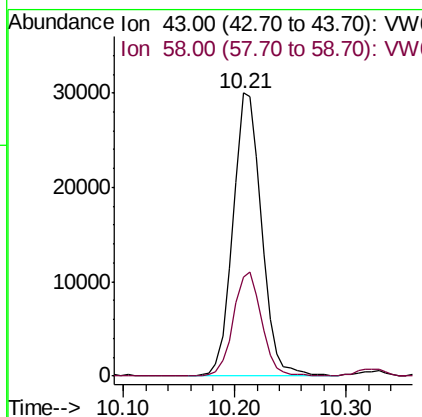
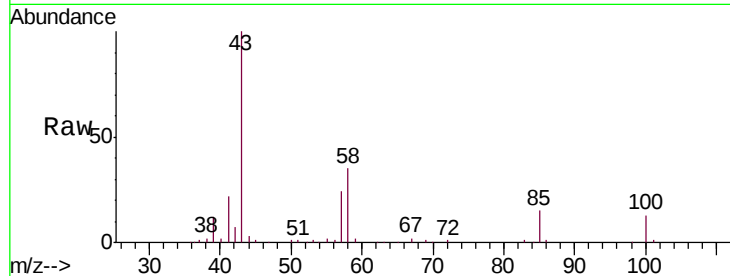




#51
 4-Methyl-2-Pentanone
 Concen: 114.626 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

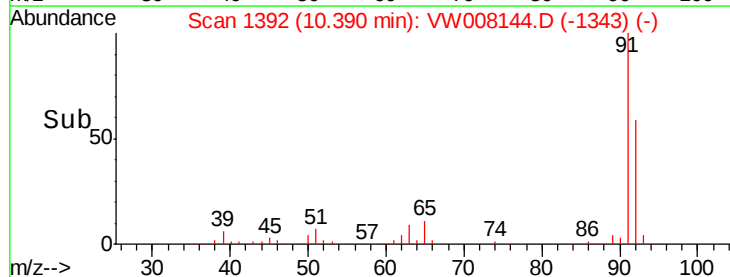
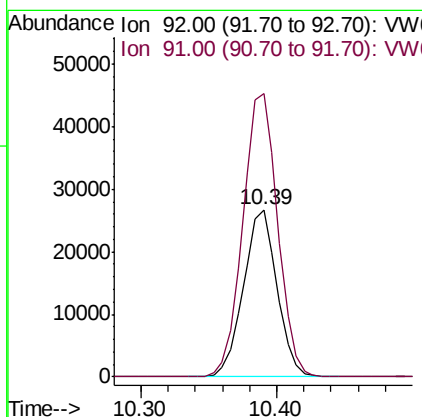
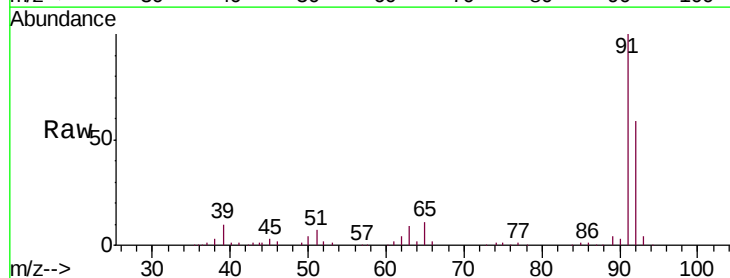
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

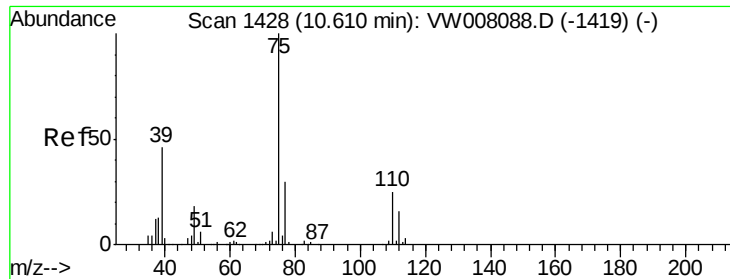
Tgt Ion: 43 Resp: 53047
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.6 46.0



#52
 Toluene
 Concen: 22.341 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 92 Resp: 46188
 Ion Ratio Lower Upper
 92 100
 91 175.6 137.0 205.4

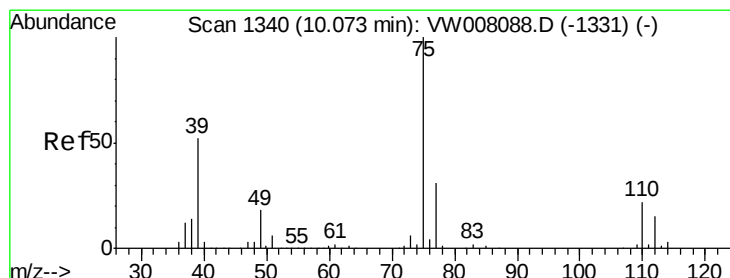
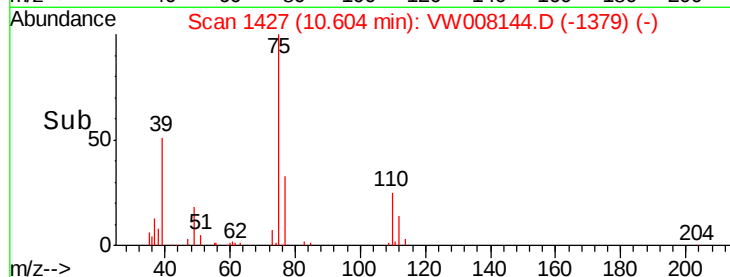
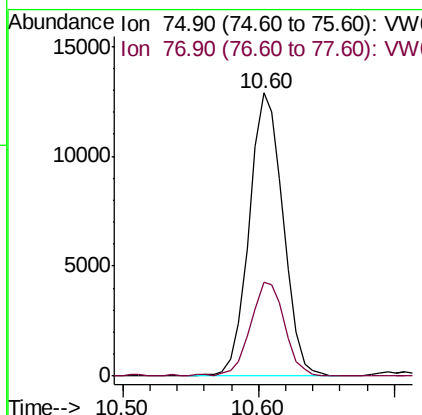
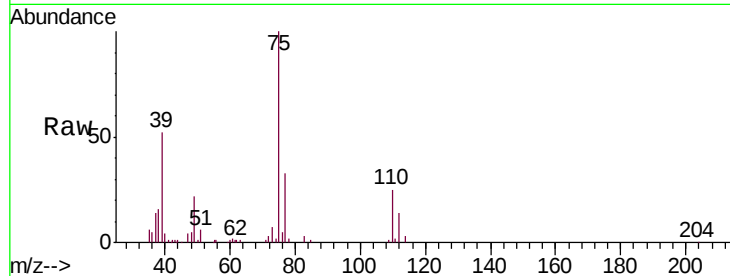




#53
 t-1,3-Dichloropropene
 Concen: 21.552 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

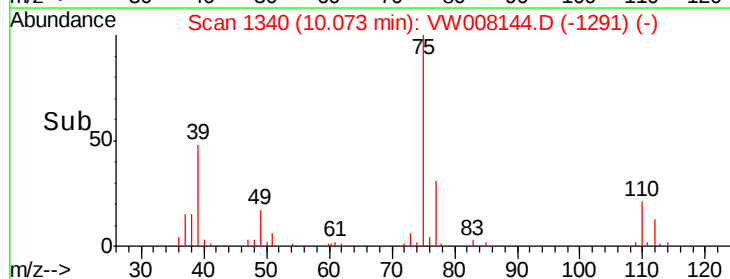
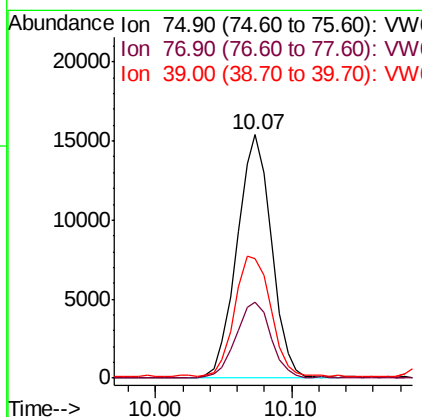
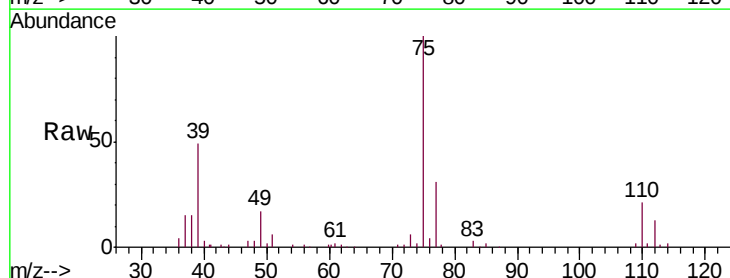
Instrument :
 MSVOA_W
 ClientSampled :
 VW0110SBS01

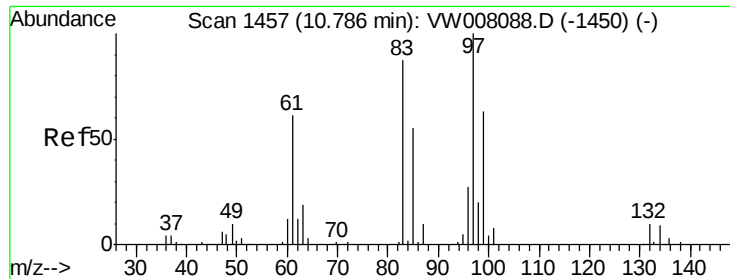
Tgt Ion: 75 Resp: 22440
 Ion Ratio Lower Upper
 75 100
 77 33.3 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 22.122 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 75 Resp: 27313
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 48.1 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 22.446 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

Tgt Ion: 97 Resp: 12423

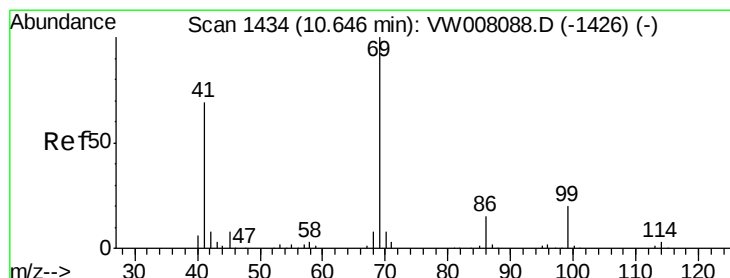
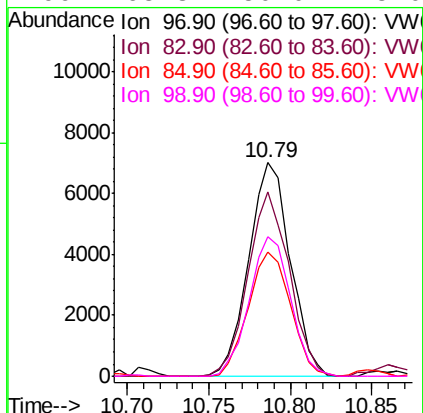
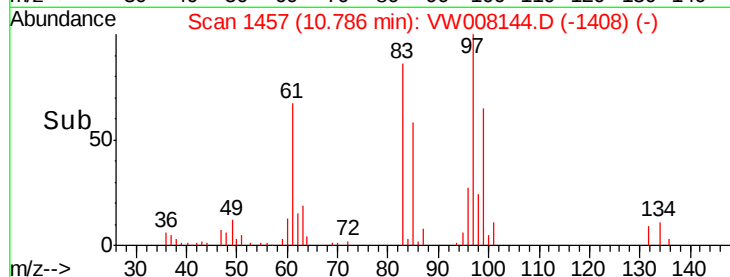
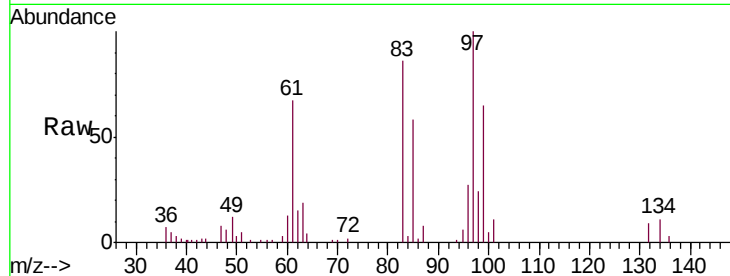
Ion Ratio Lower Upper

97 100

83 86.3 69.3 103.9

85 58.2 43.8 65.6

99 65.3 50.0 75.0



#56

Ethyl methacrylate

Concen: 22.424 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

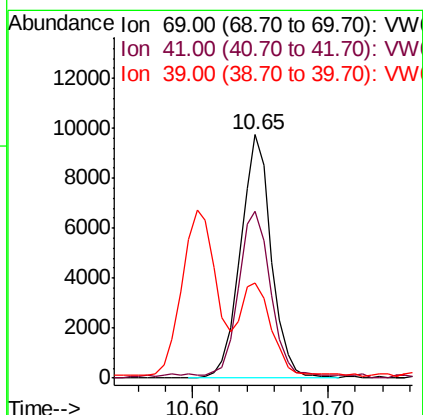
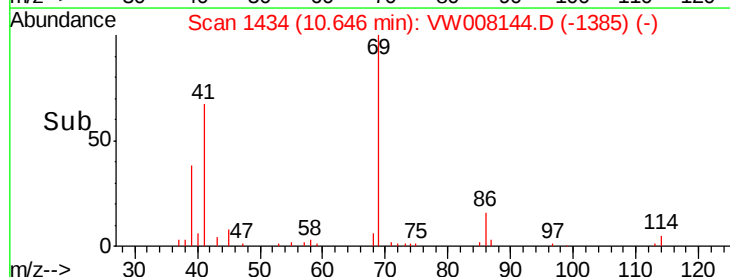
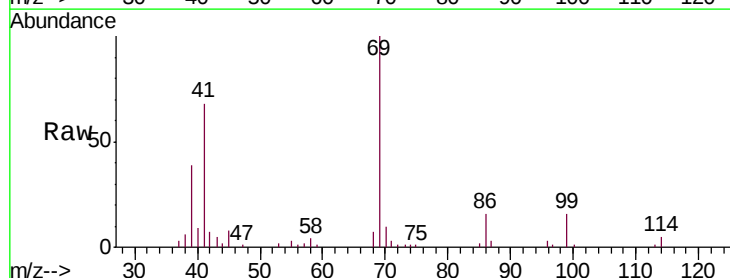
Tgt Ion: 69 Resp: 15370

Ion Ratio Lower Upper

69 100

41 70.2 56.4 84.6

39 37.4 28.1 42.1

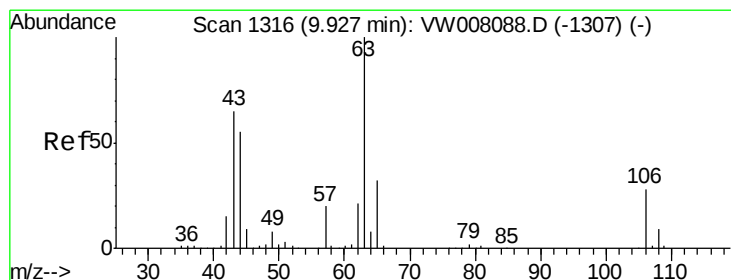
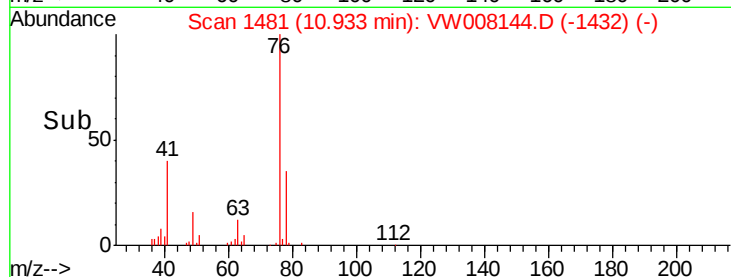
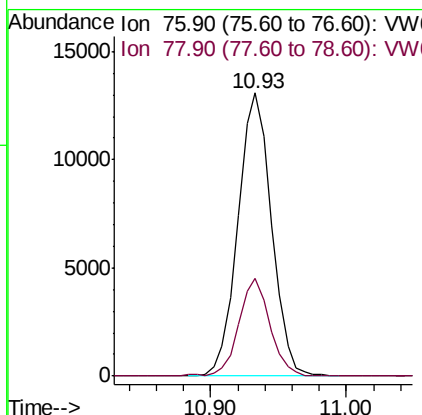
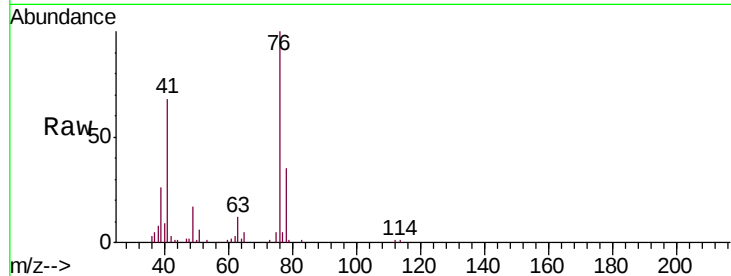




#57
 1,3-Dichloropropane
 Concen: 22.223 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

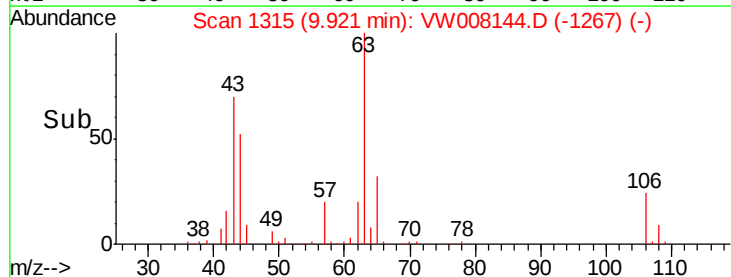
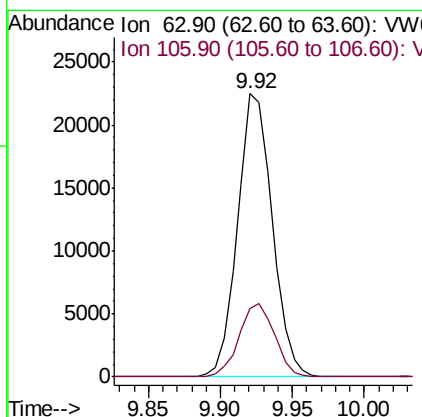
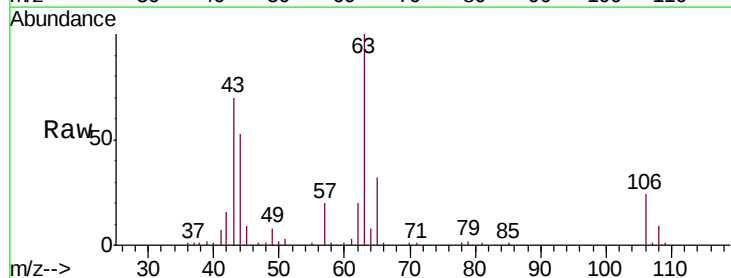
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

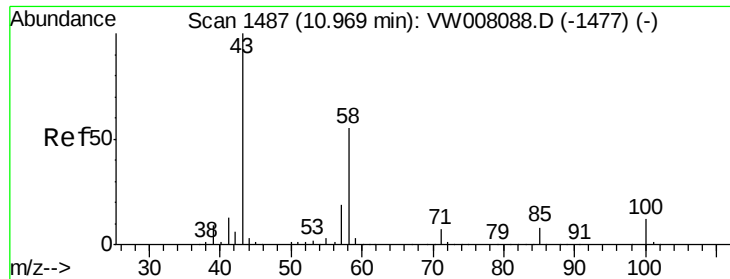
Tgt Ion: 76 Resp: 22495
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.652 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 63 Resp: 37761
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.8 32.6

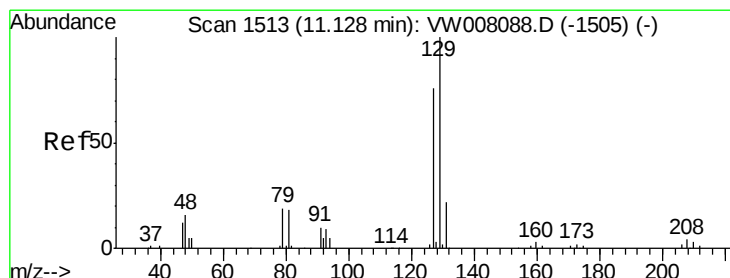
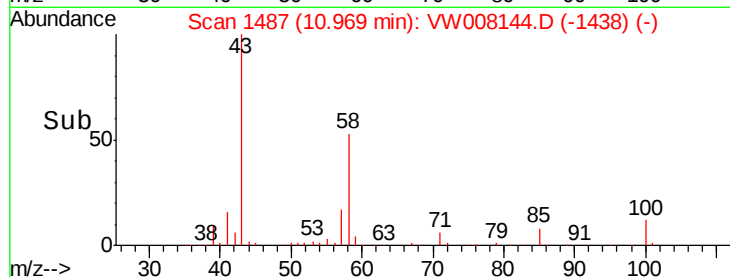
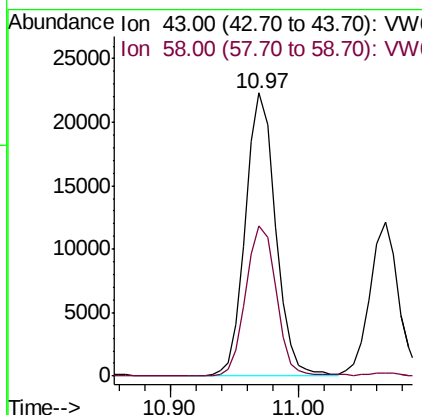
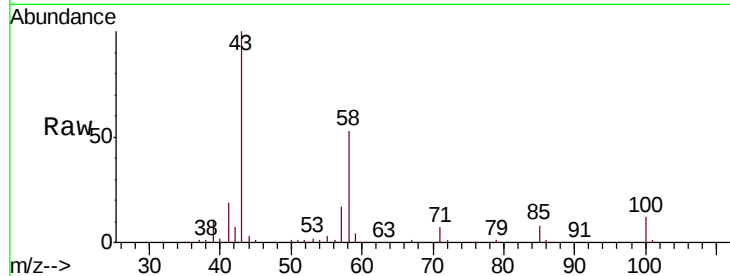




#59
2-Hexanone
Concen: 115.796 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

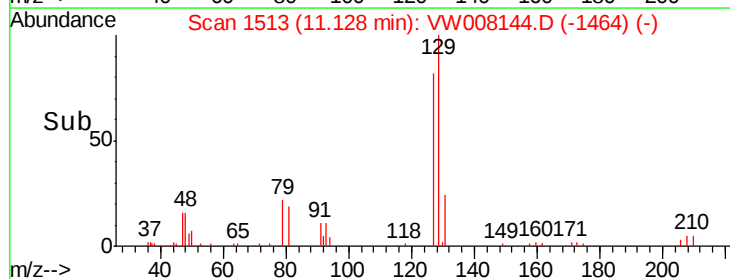
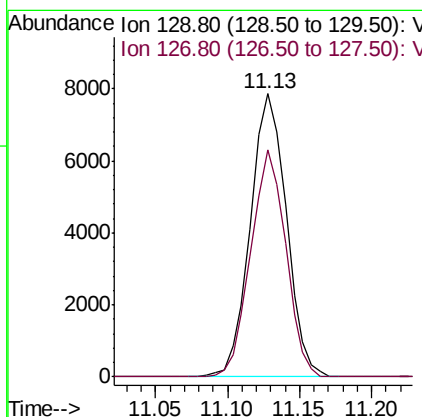
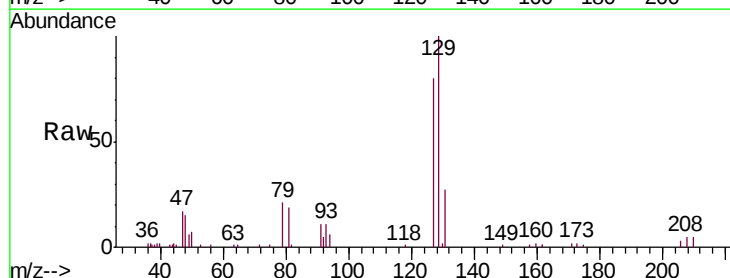
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

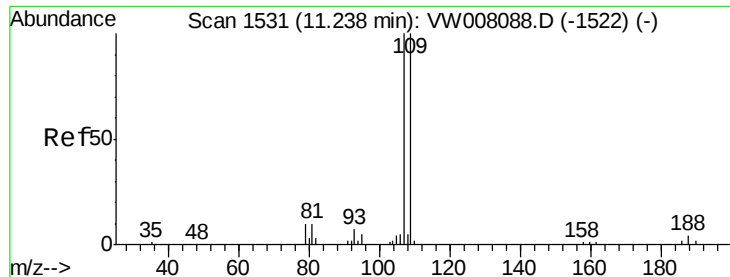
Tgt Ion: 43 Resp: 36239
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.5



#60
Dibromochloromethane
Concen: 22.349 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 129 Resp: 13583
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

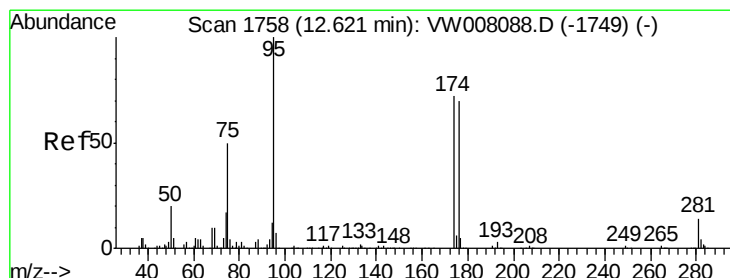
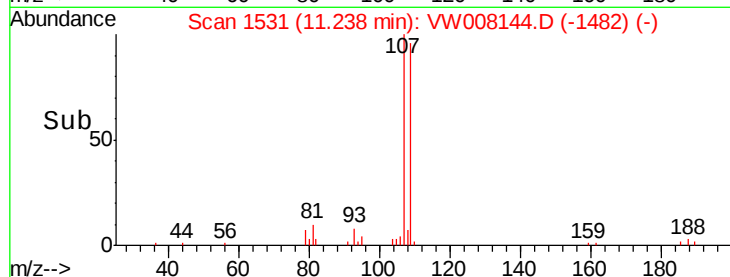
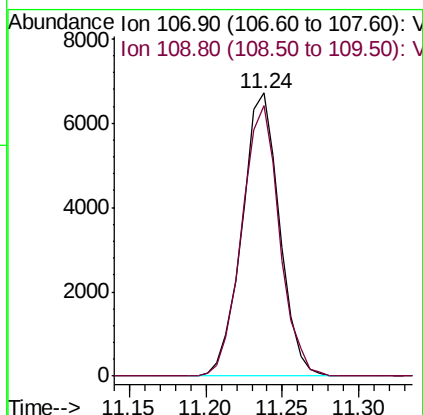
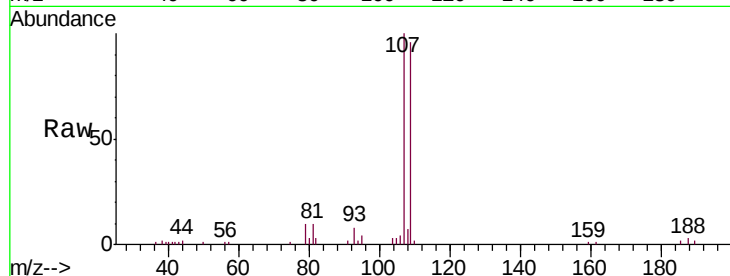




#61
 1,2-Dibromoethane
 Concen: 21.677 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

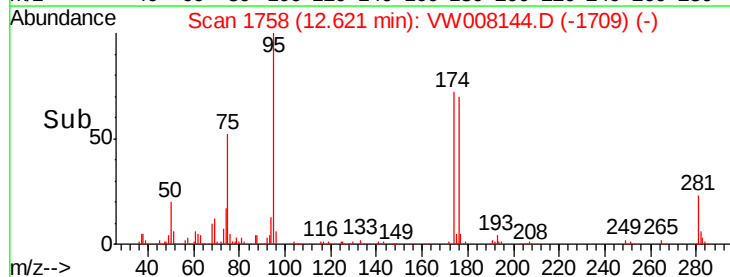
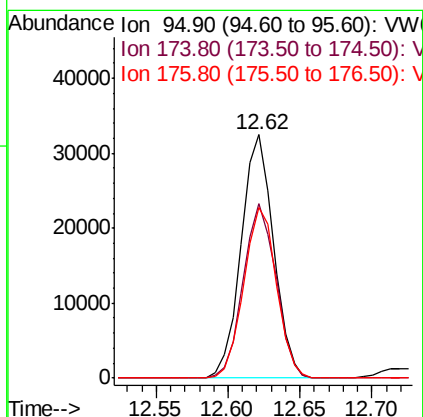
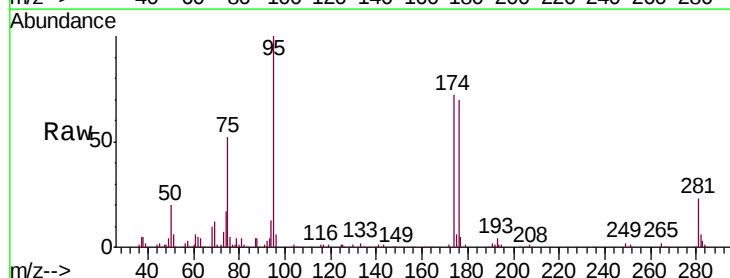
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

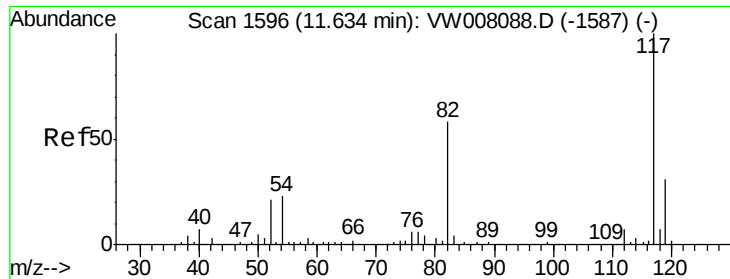
Tgt Ion: 107 Resp: 11384
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.831 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 95 Resp: 50661
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 143.0
 176 70.5 0.0 140.2

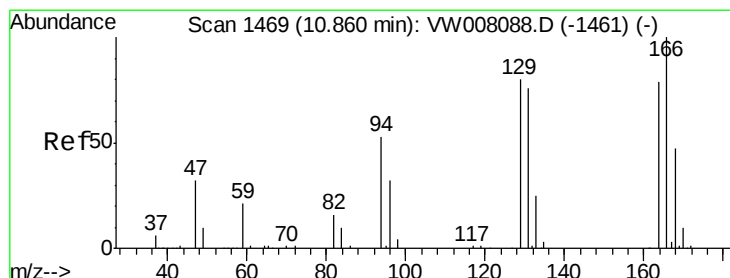
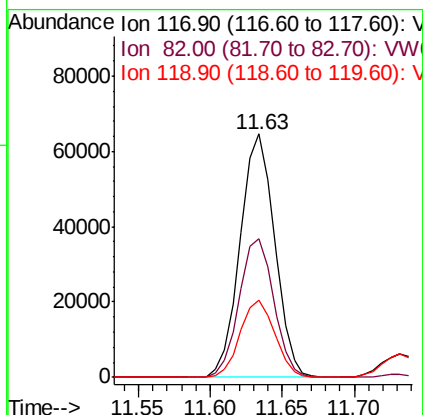
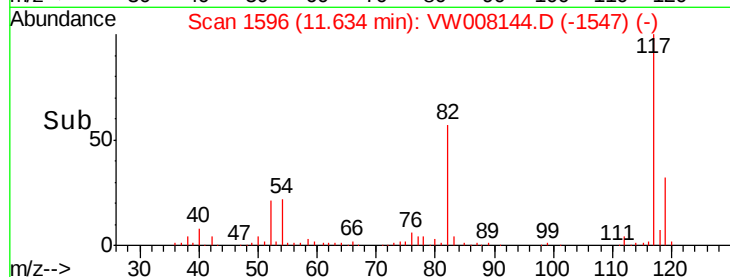
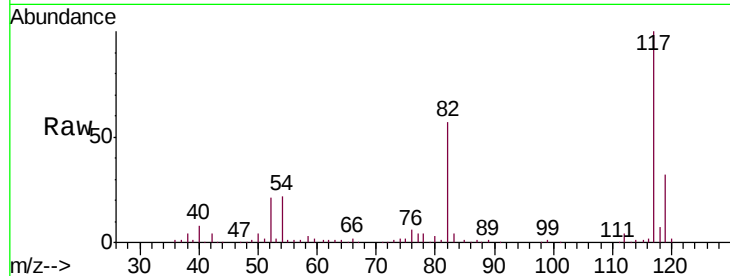




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

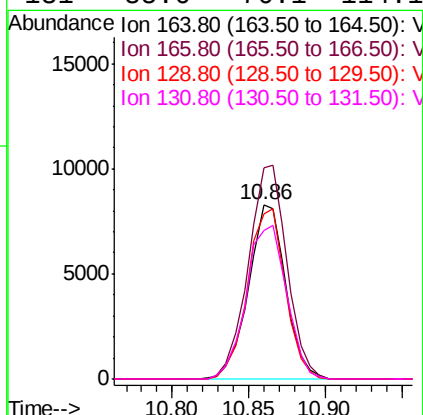
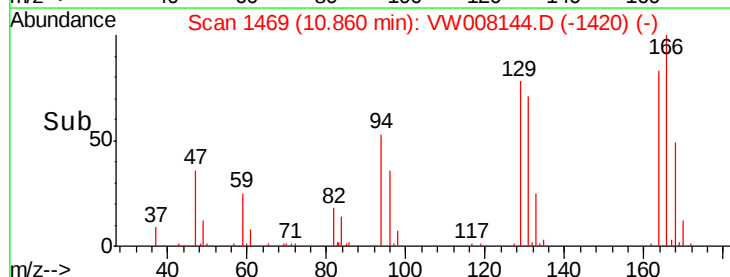
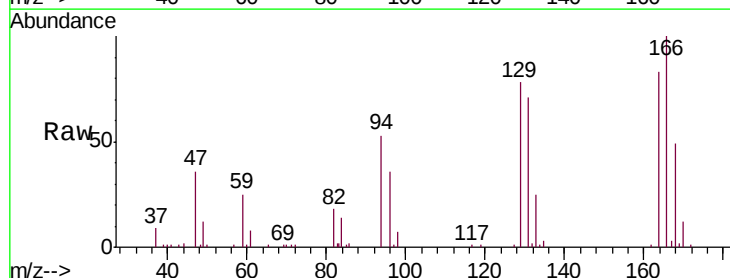
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

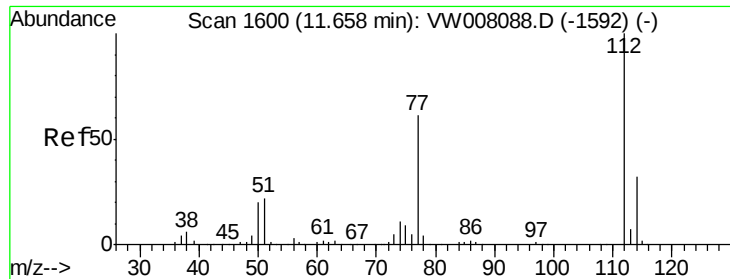
Tgt Ion:117 Resp: 107814
Ion Ratio Lower Upper
117 100
82 57.1 46.4 69.6
119 31.6 24.7 37.1



#64
Tetrachloroethene
Concen: 19.970 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion:164 Resp: 14012
Ion Ratio Lower Upper
164 100
166 121.1 100.7 151.1
129 94.6 81.0 121.4
131 85.6 76.1 114.1

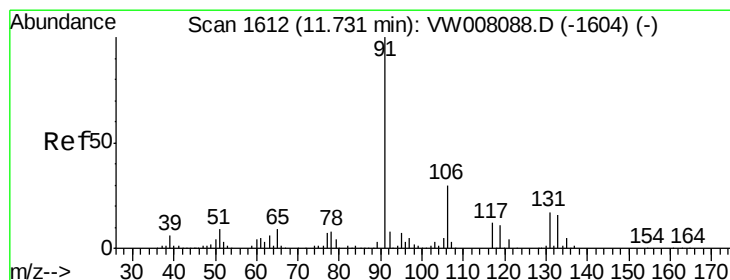
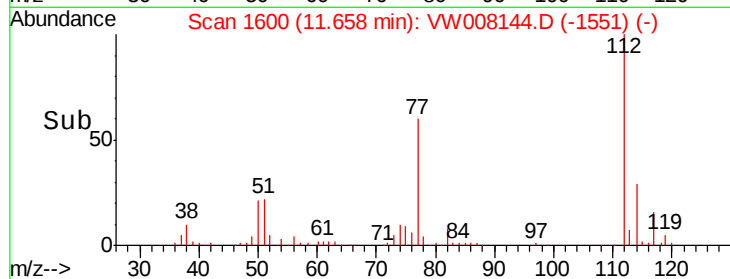
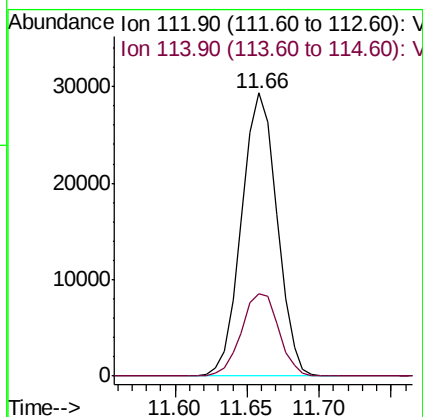
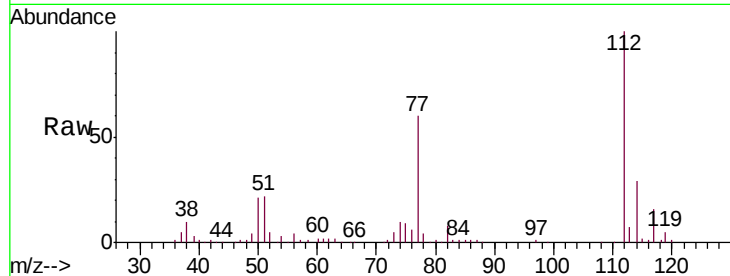




#65
Chlorobenzene
Concen: 21.928 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

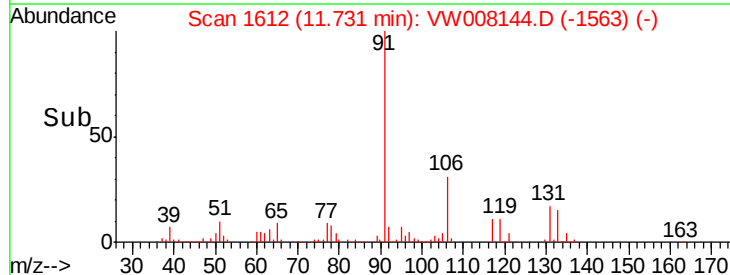
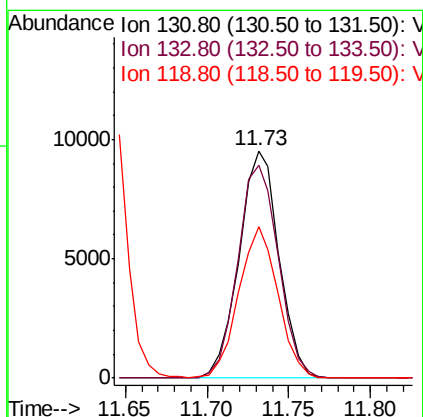
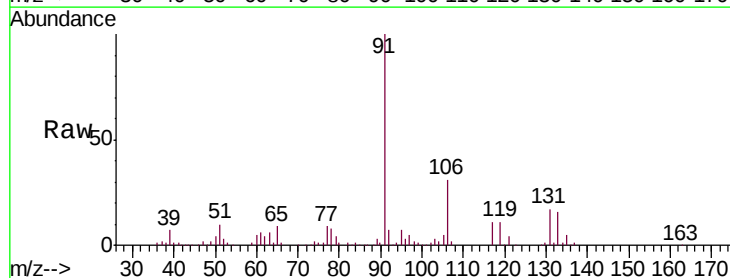
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

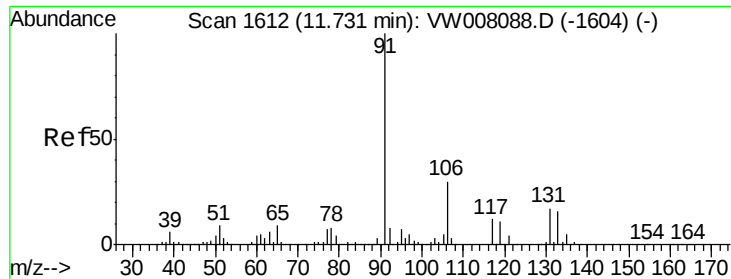
Tgt Ion:112 Resp: 50086
Ion Ratio Lower Upper
112 100
114 29.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.733 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion:131 Resp: 16146
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 65.7 32.5 97.4

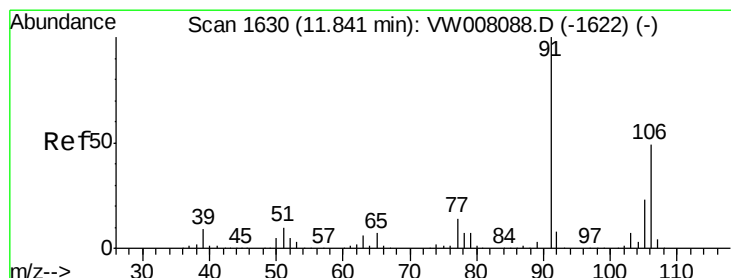
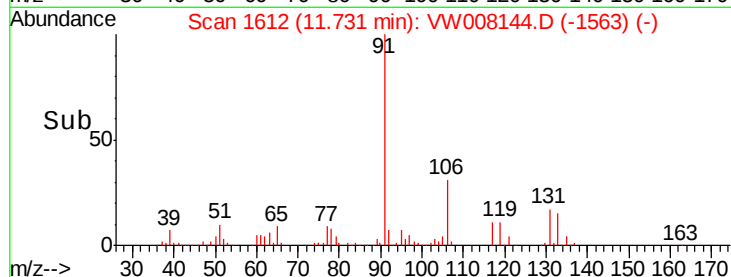
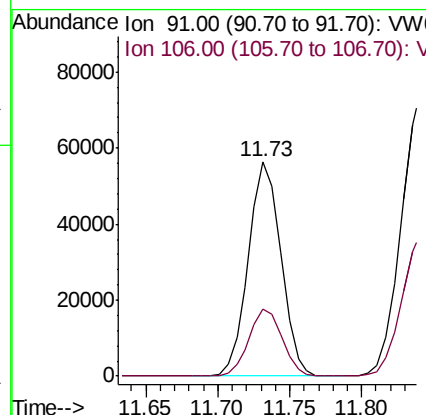
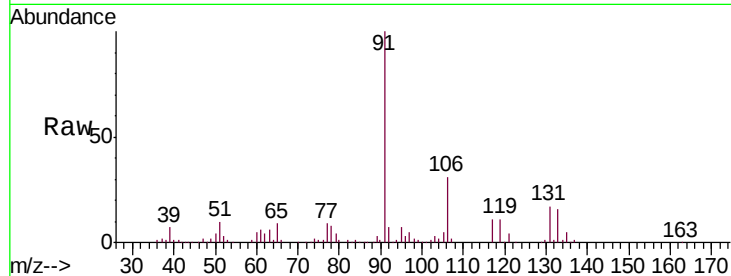




#67
Ethyl Benzene
Concen: 21.210 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

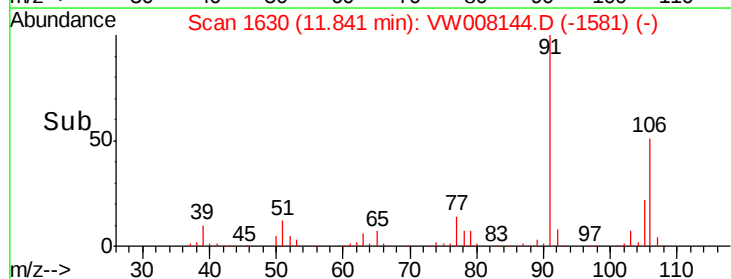
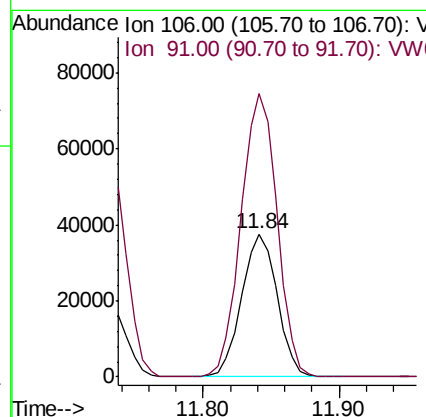
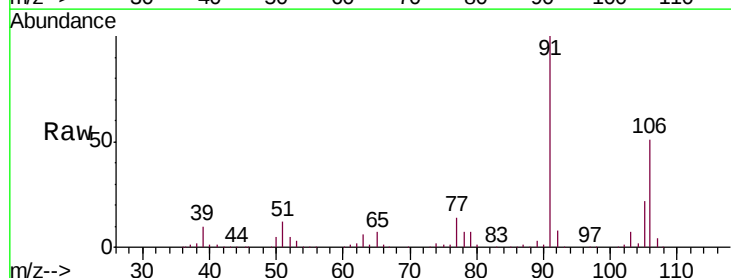
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

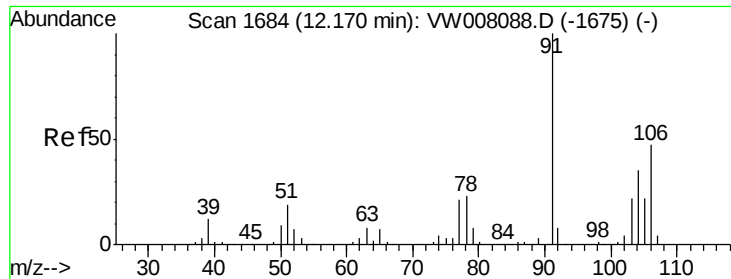
Tgt Ion: 91 Resp: 88643
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 42.941 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion:106 Resp: 68500
Ion Ratio Lower Upper
106 100
91 201.9 162.4 243.6

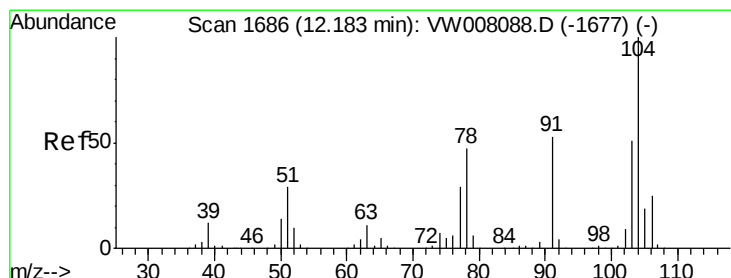
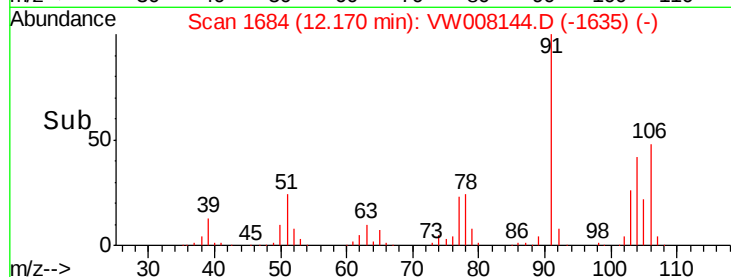
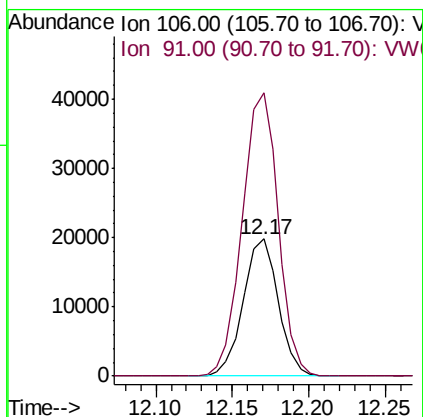
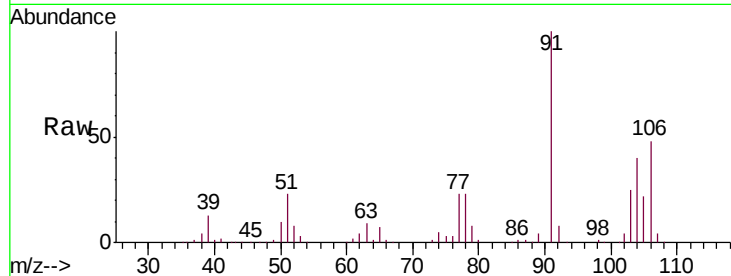




#69
o-Xylene
Concen: 21.381 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

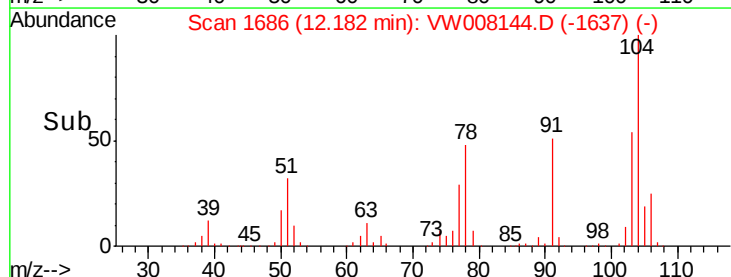
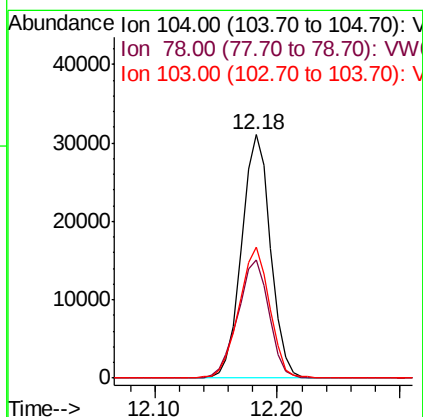
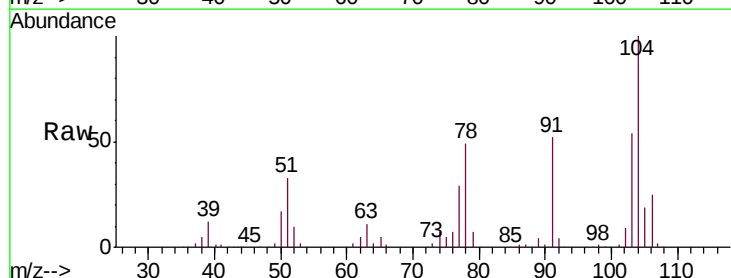
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

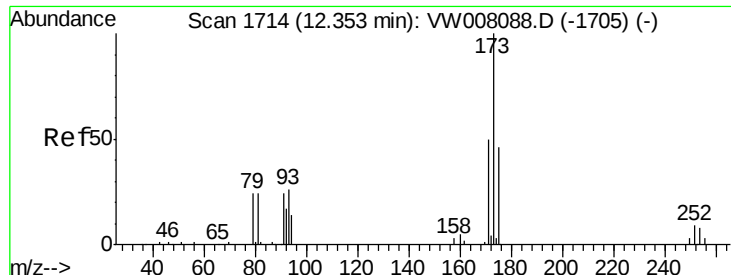
Tgt Ion:106 Resp: 31585
Ion Ratio Lower Upper
106 100
91 211.8 107.8 323.6



#70
Styrene
Concen: 21.957 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion:104 Resp: 50803
Ion Ratio Lower Upper
104 100
78 52.5 41.8 62.8
103 57.4 43.8 65.8





#71

Bromoform

Concen: 21.964 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

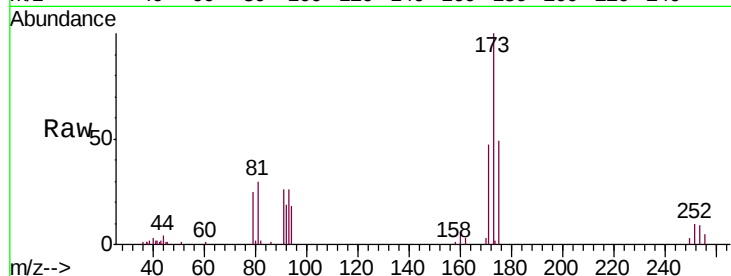
Tgt Ion:173 Resp: 7303

Ion Ratio Lower Upper

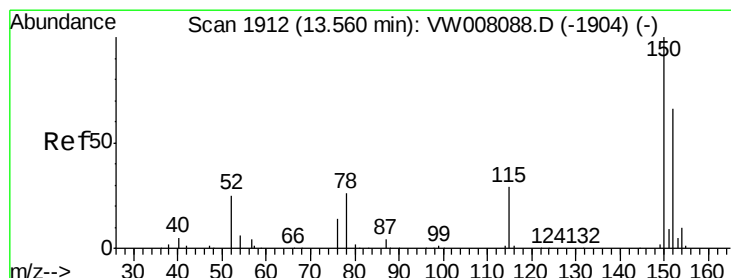
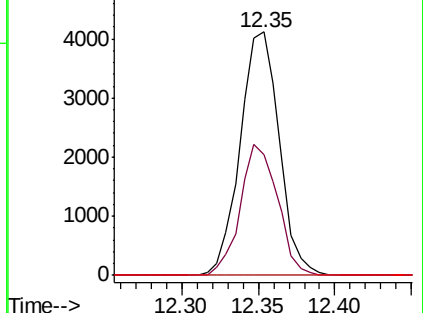
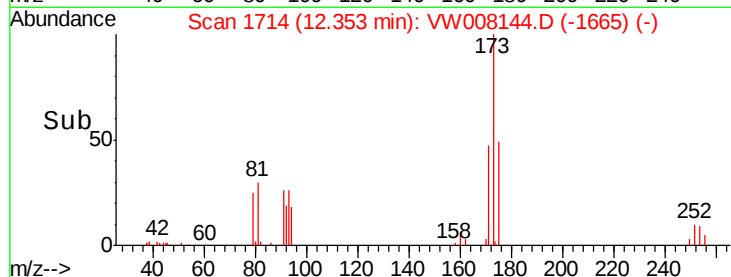
173 100

175 51.3 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: VW008144.D

Acq: 10 Jan 2019 13:15

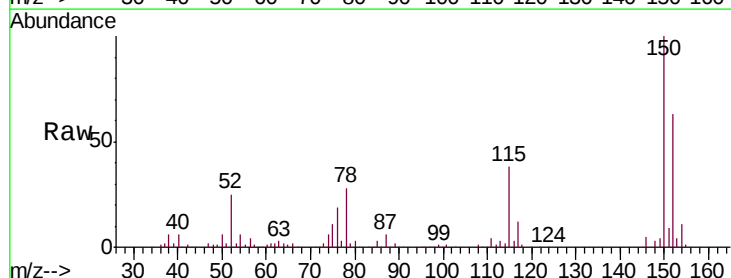
Tgt Ion:152 Resp: 52722

Ion Ratio Lower Upper

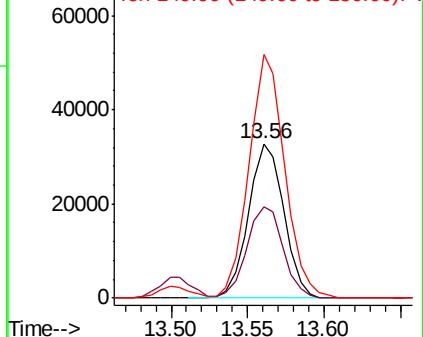
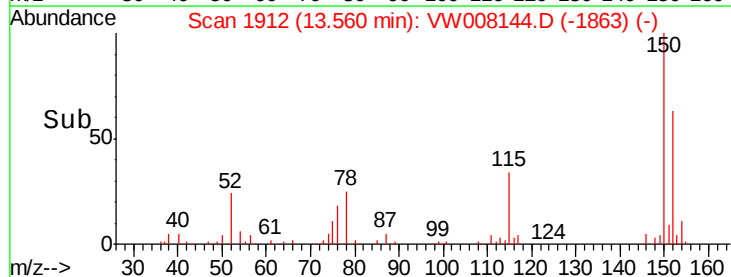
152 100

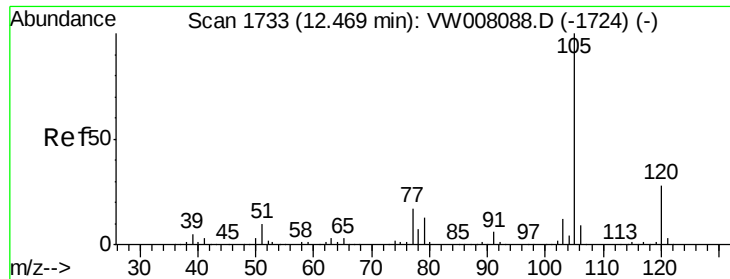
115 60.7 30.8 92.4

150 159.8 0.0 350.2



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





#73

Isopropylbenzene

Concen: 20.940 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

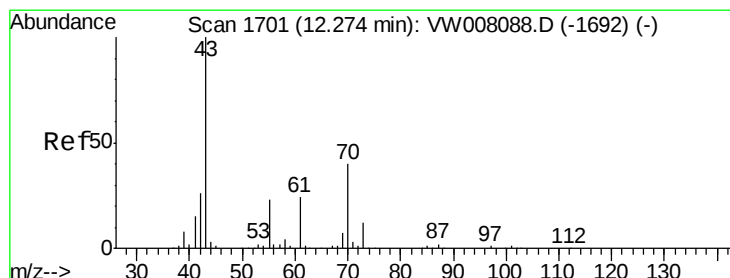
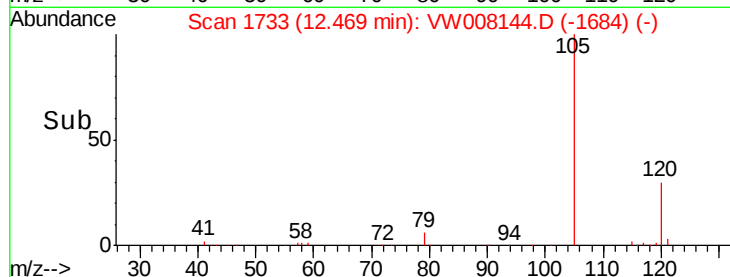
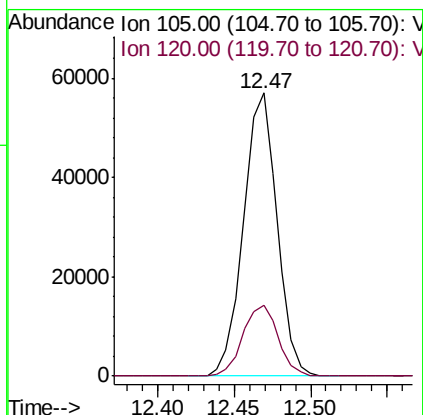
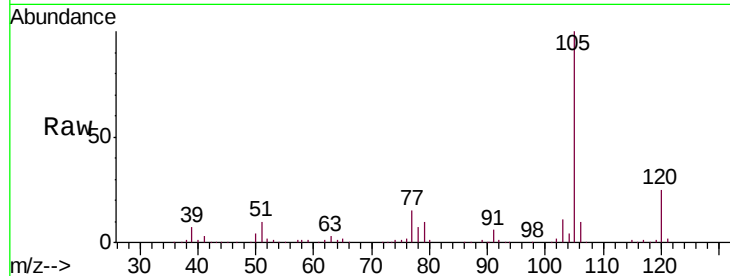
VW0110SBS01

Tgt Ion:105 Resp: 86674

Ion Ratio Lower Upper

105 100

120 26.4 13.6 40.8



#74

N-ethyl acetate

Concen: 21.412 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Tgt Ion: 43 Resp: 19627

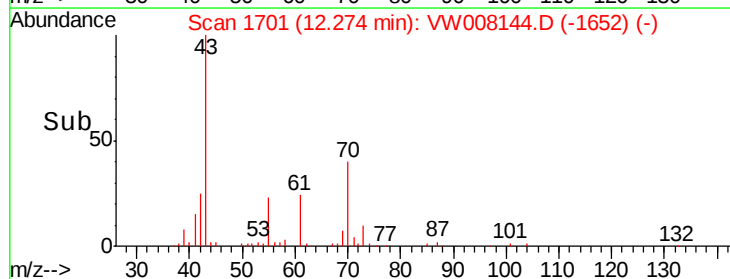
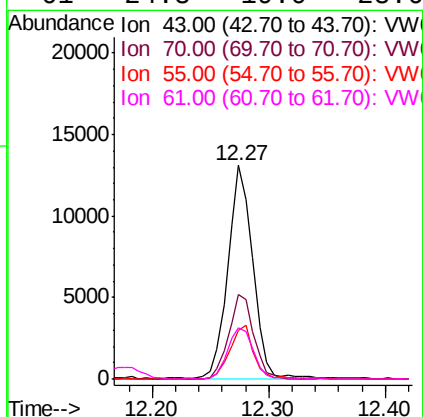
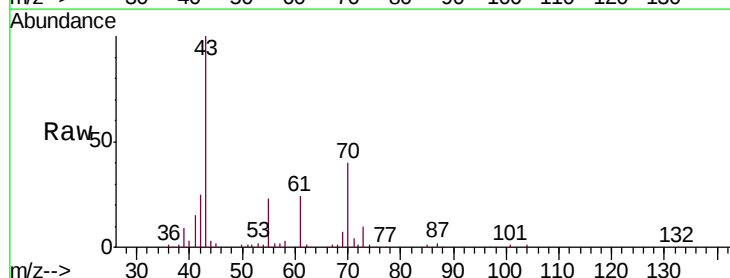
Ion Ratio Lower Upper

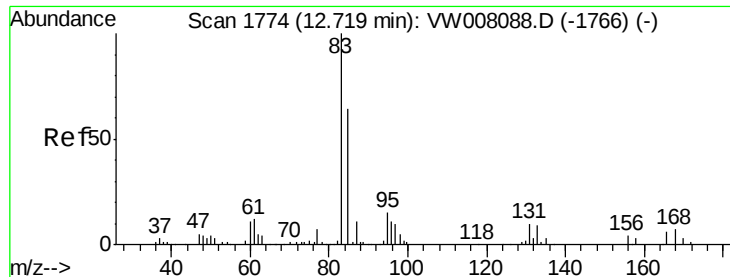
43 100

70 39.1 32.4 48.6

55 23.7 18.7 28.1

61 24.8 19.0 28.6

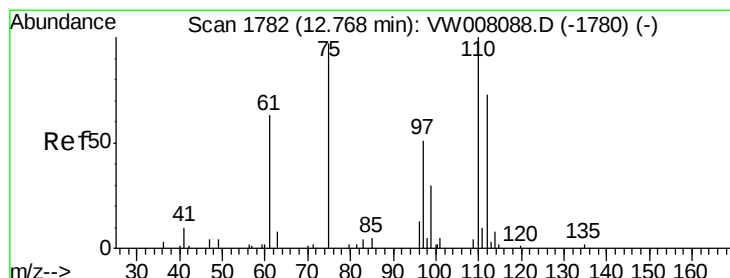
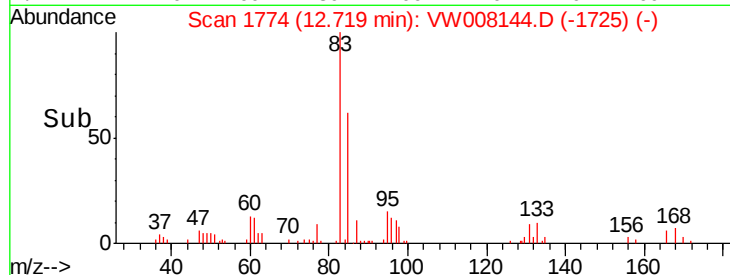
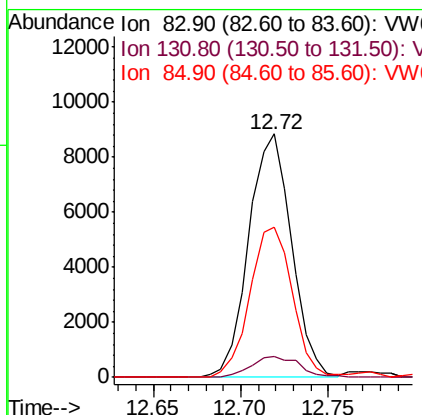
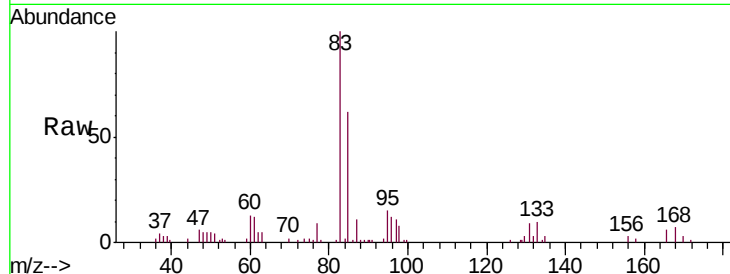




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.749 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

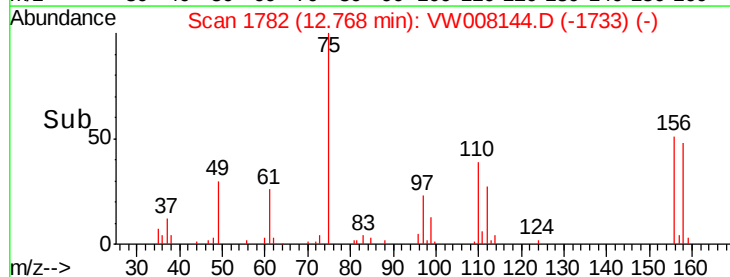
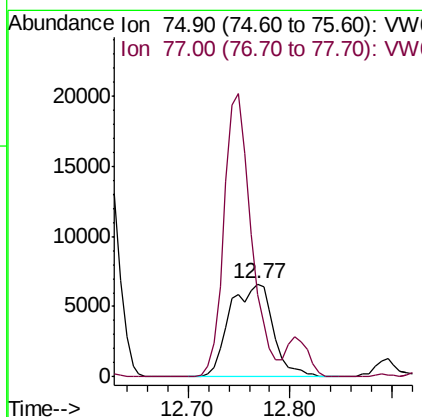
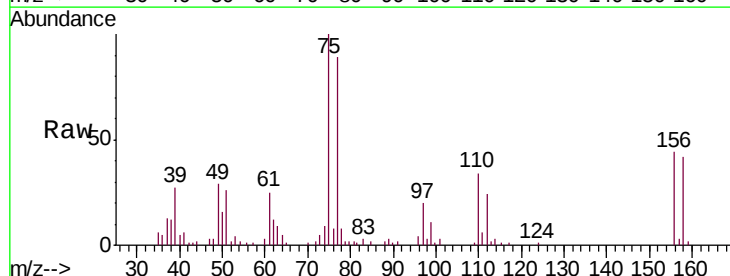
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

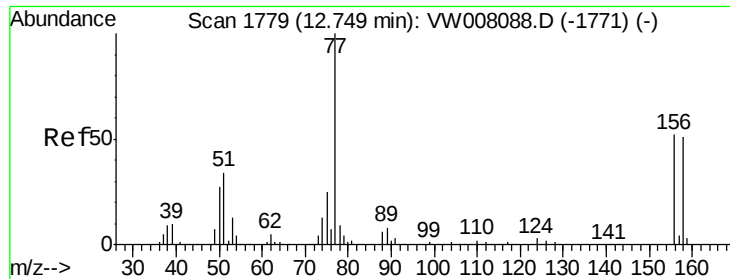
Tgt Ion: 83 Resp: 15072
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.3 16.1
 85 61.3 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 40.731 ug/l
 RT: 12.77 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 75 Resp: 19576
 Ion Ratio Lower Upper
 75 100
 77 193.2 179.4 538.2





#77

Bromobenzene

Concen: 20.675 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

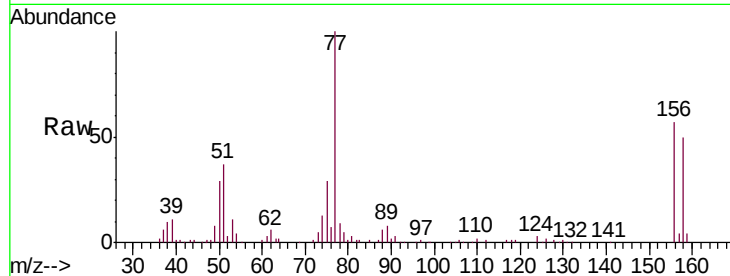
Tgt Ion: 156 Resp: 18082

Ion Ratio Lower Upper

156 100

77 209.1 104.2 312.5

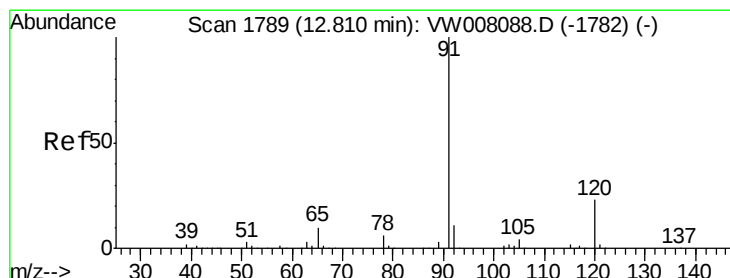
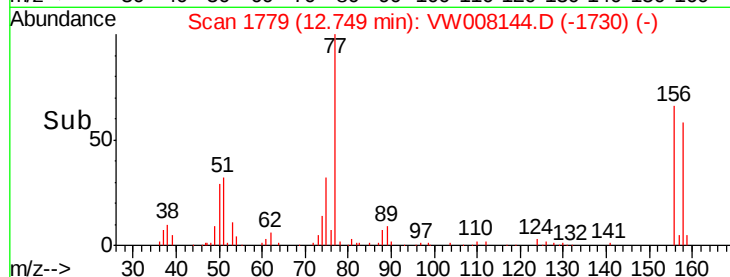
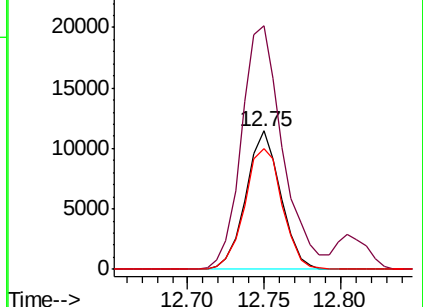
158 93.6 47.9 143.6



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: 21.401 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008144.D

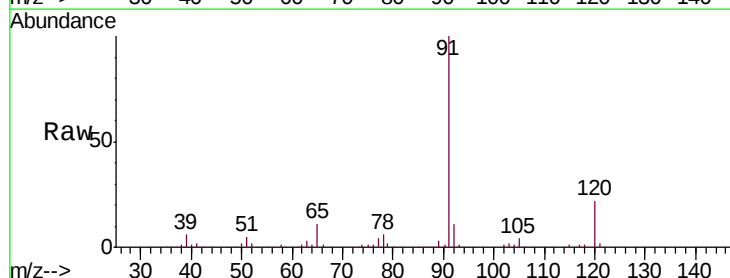
Acq: 10 Jan 2019 13:15

Tgt Ion: 91 Resp: 108536

Ion Ratio Lower Upper

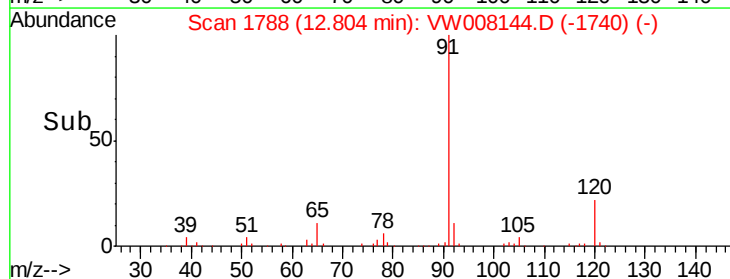
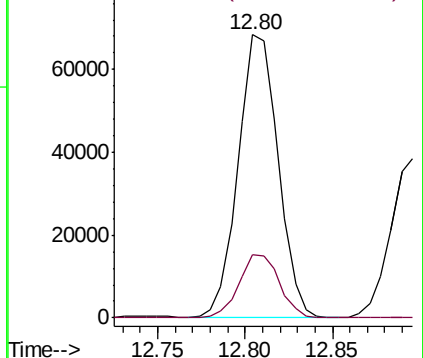
91 100

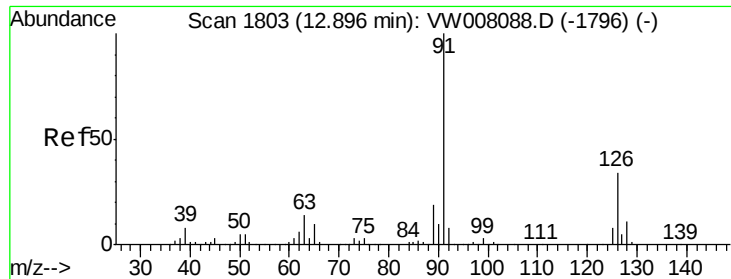
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.445 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

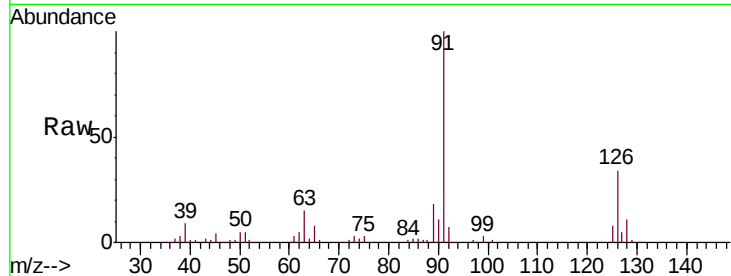
VW0110SBS01

Tgt Ion: 91 Resp: 60678

Ion Ratio Lower Upper

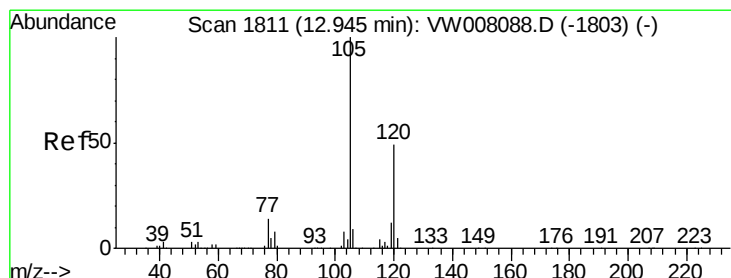
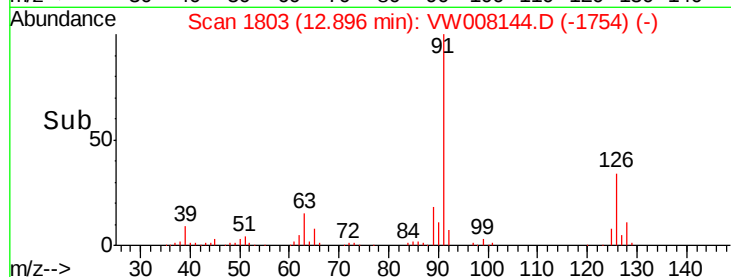
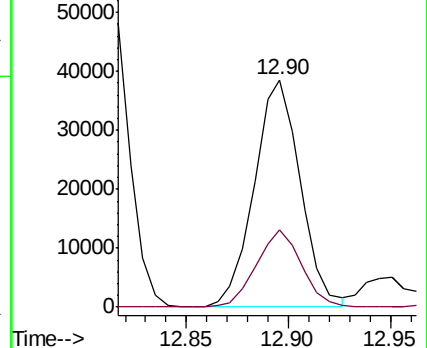
91 100

126 33.1 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.403 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008144.D

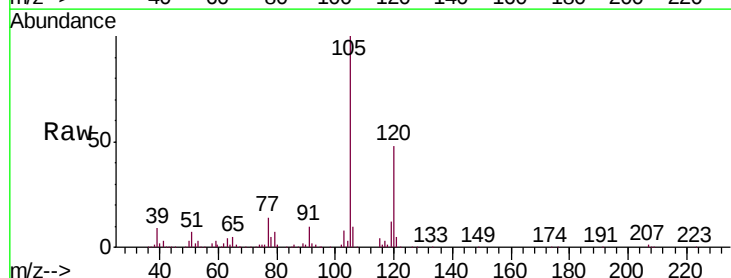
Acq: 10 Jan 2019 13:15

Tgt Ion: 105 Resp: 72801

Ion Ratio Lower Upper

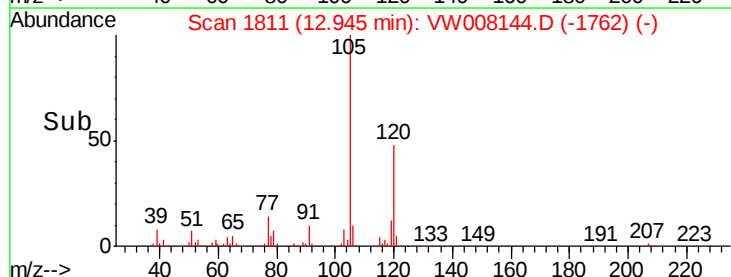
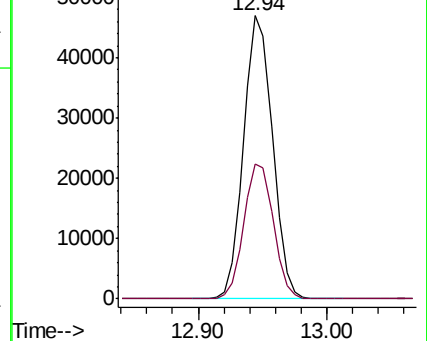
105 100

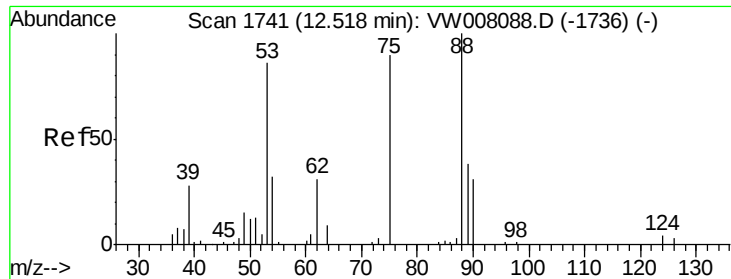
120 48.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

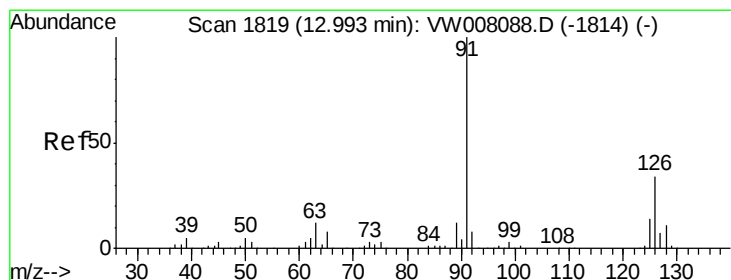
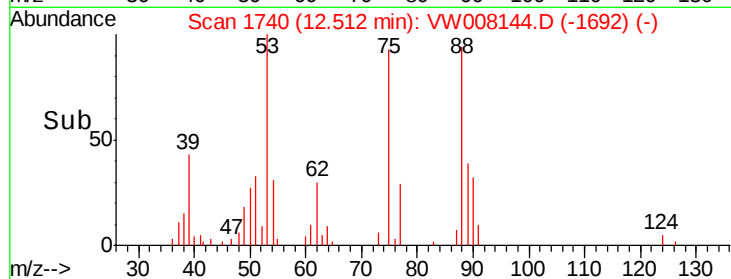
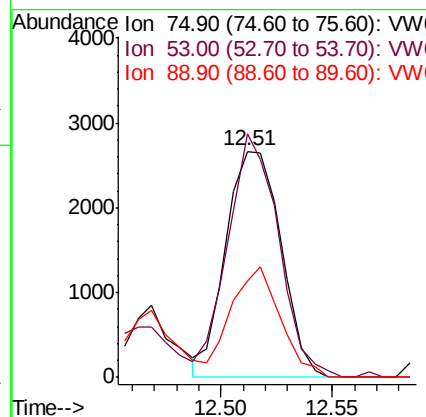
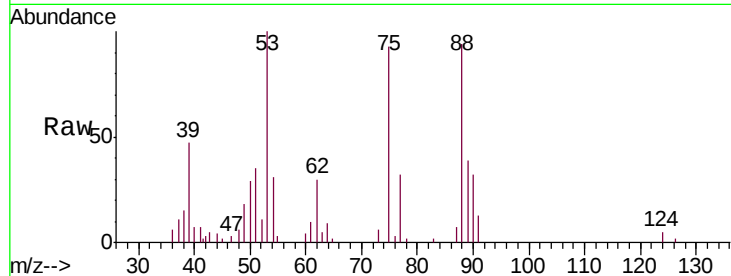




#81
trans-1,4-Dichloro-2-butene
Concen: 22.230 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

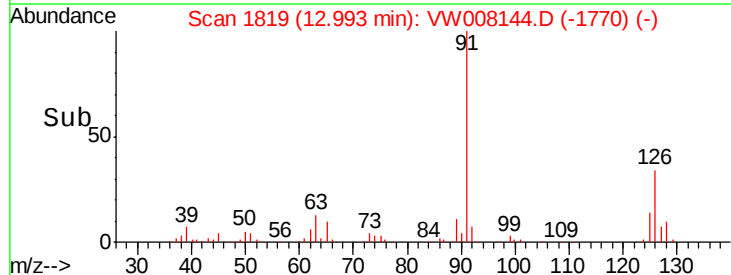
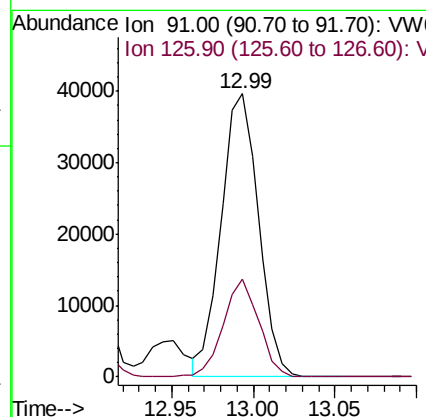
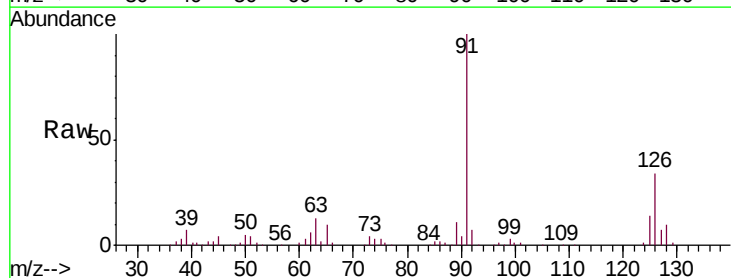
Instrument :
MSVOA_W
ClientSampleId :
VW0110SBS01

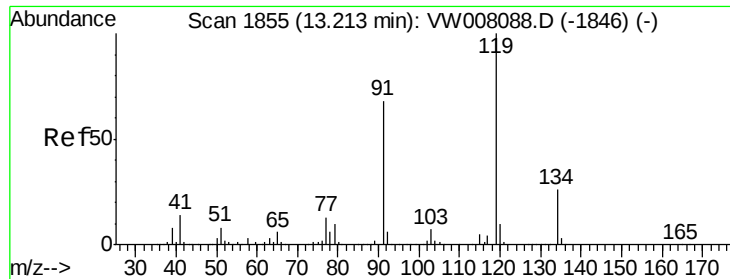
Tgt Ion: 75 Resp: 4588
Ion Ratio Lower Upper
75 100
53 99.7 78.8 118.2
89 43.5 35.4 53.2



#82
4-Chlorotoluene
Concen: 21.216 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008144.D
Acq: 10 Jan 2019 13:15

Tgt Ion: 91 Resp: 63226
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5

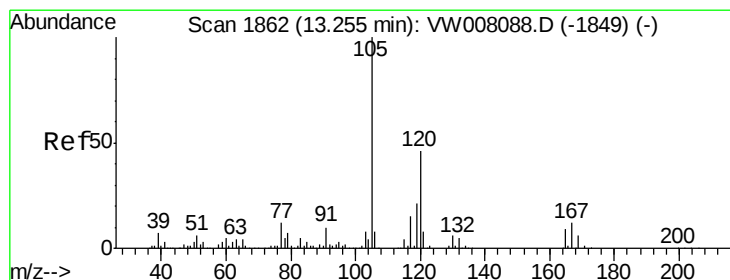
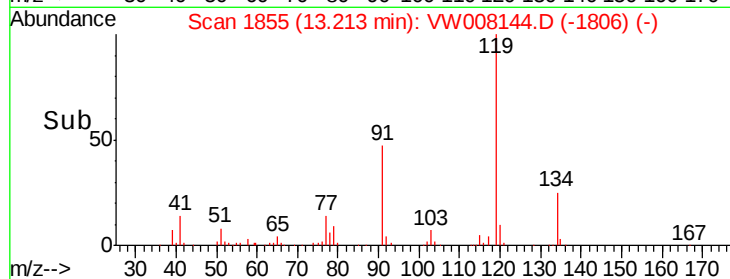
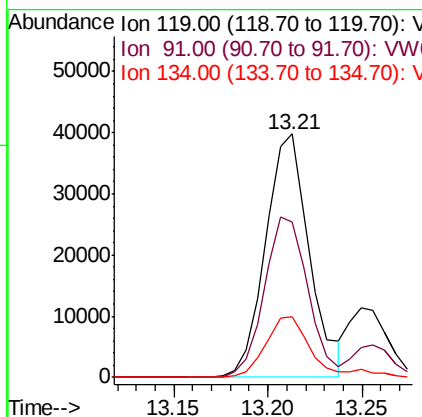
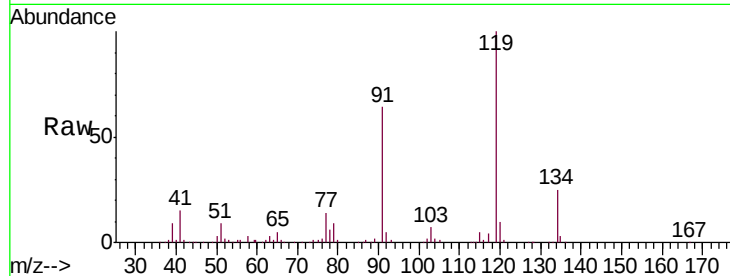




#83
 tert-Butylbenzene
 Concen: 21.335 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

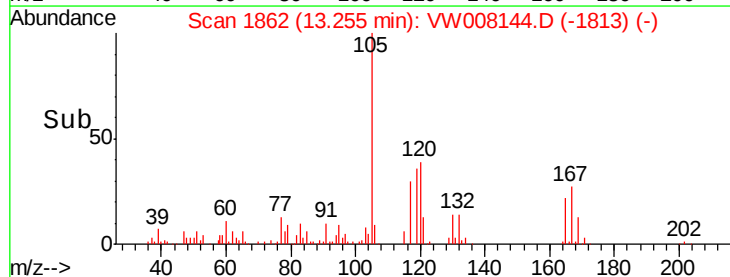
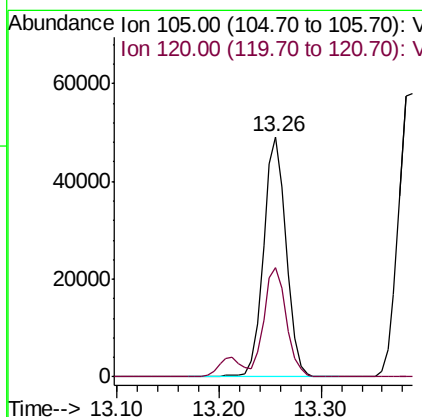
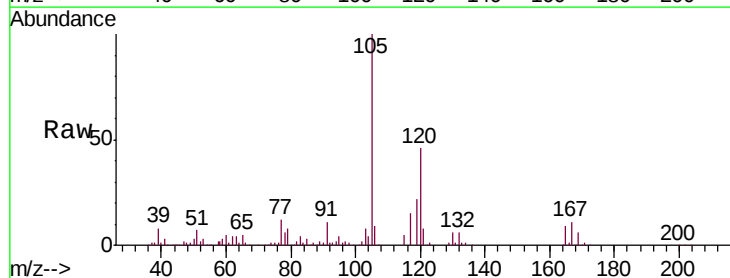
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

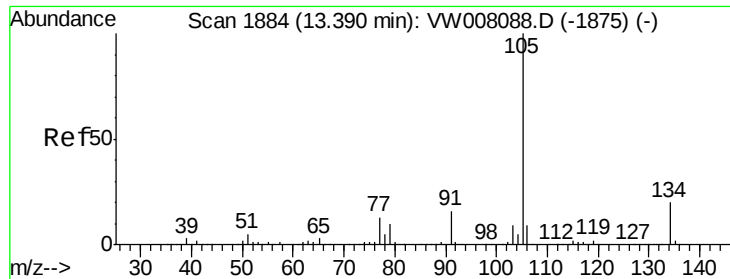
Tgt Ion:119 Resp: 64201
 Ion Ratio Lower Upper
 119 100
 91 65.6 33.9 101.6
 134 26.6 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.596 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion:105 Resp: 75761
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1

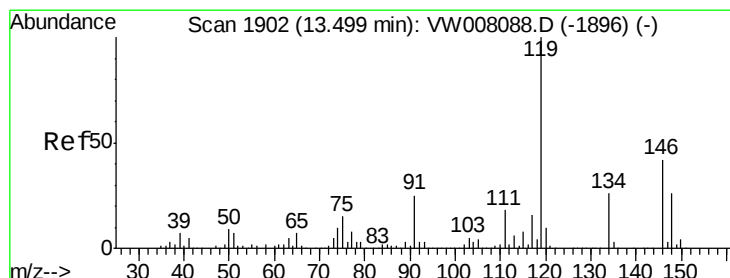
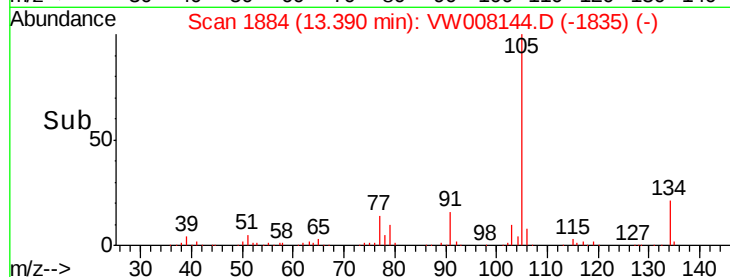
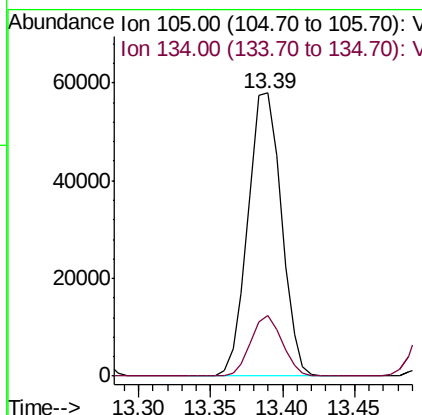
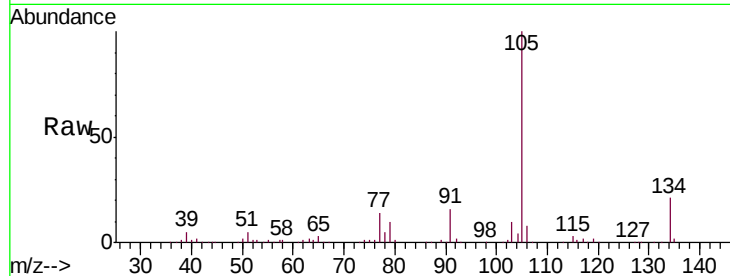




#85
 sec-Butylbenzene
 Concen: 21.166 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

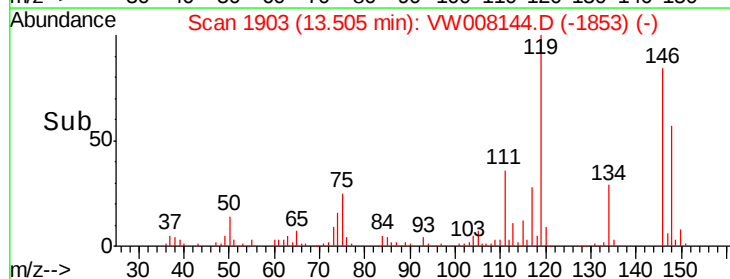
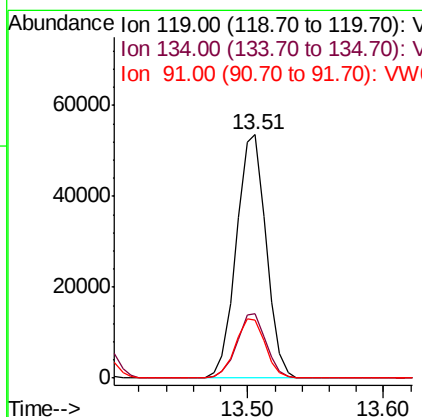
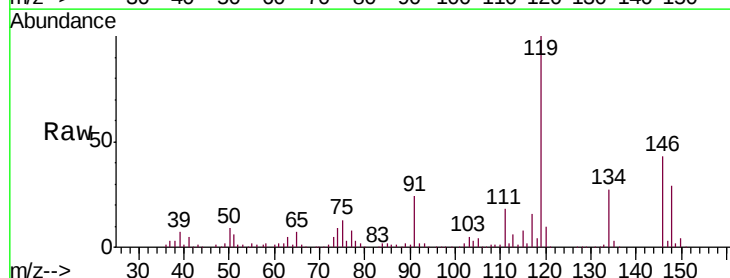
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

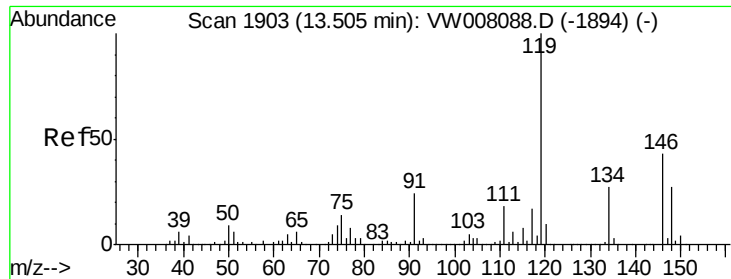
Tgt Ion:105 Resp: 93302
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.434 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion:119 Resp: 81587
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 24.4 12.3 36.9

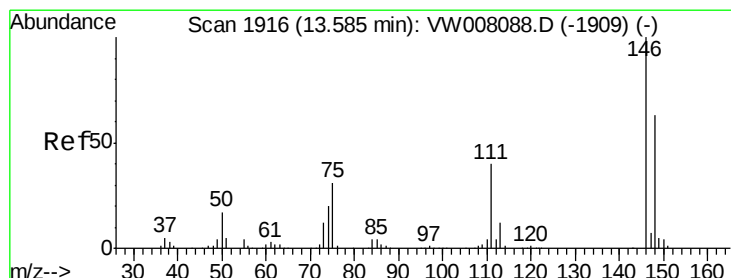
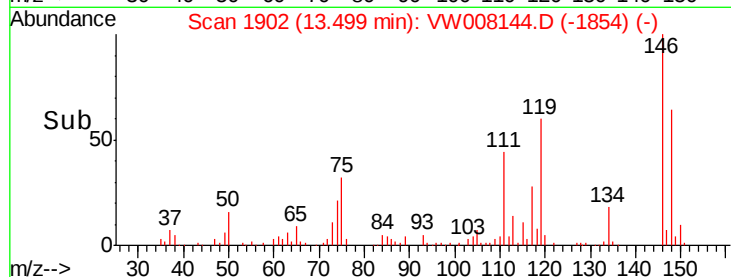
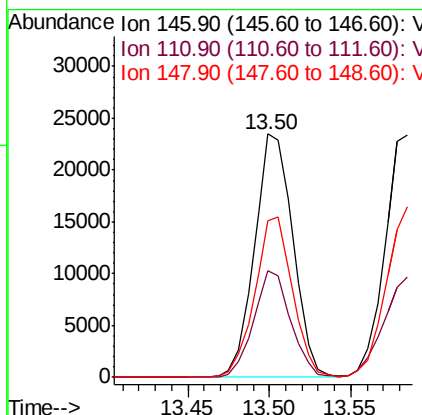
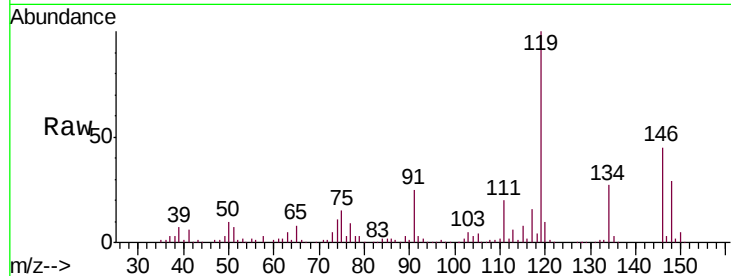




#87
 1,3-Dichlorobenzene
 Concen: 21.537 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

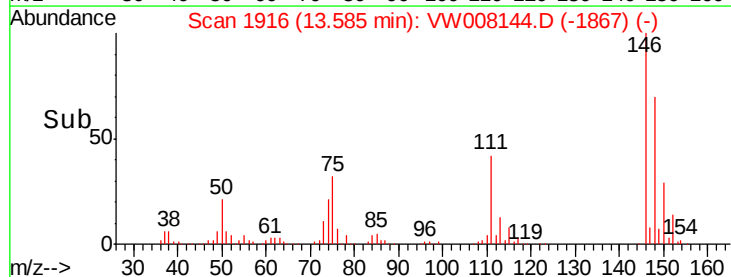
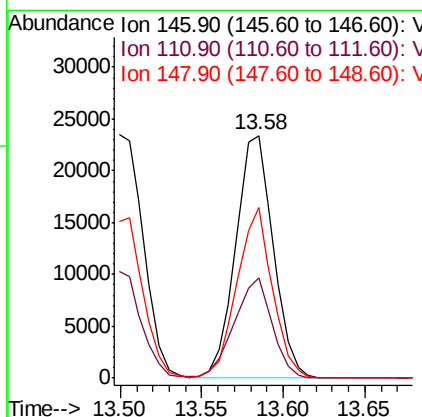
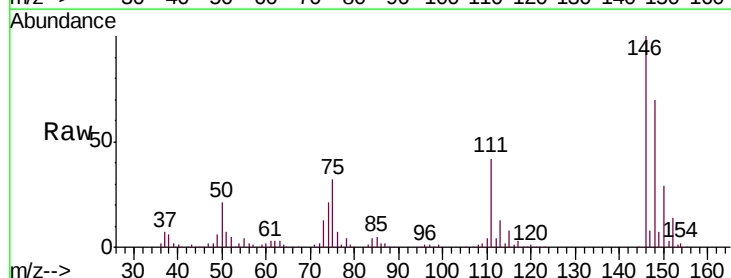
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

Tgt Ion:146 Resp: 38210
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.1
 148 64.9 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion:146 Resp: 37546
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.5 61.5
 148 66.5 31.6 94.8





#89

n-Butylbenzene

Concen: 21.608 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

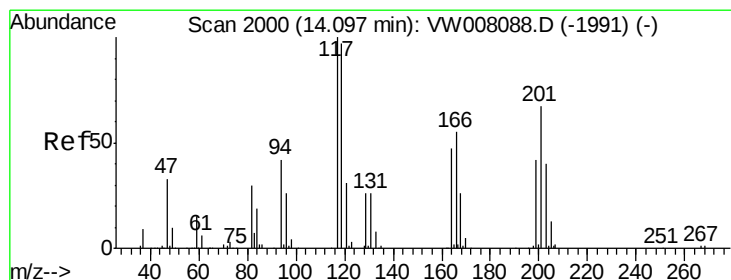
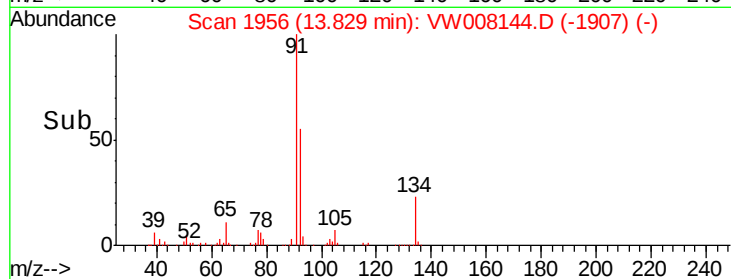
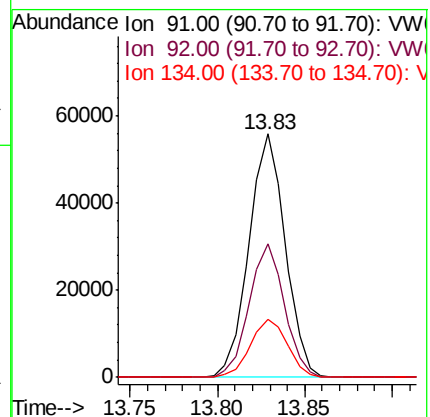
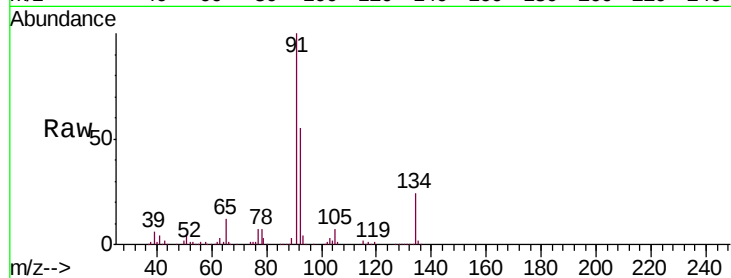
Tgt Ion: 91 Resp: 80558

Ion Ratio Lower Upper

91 100

92 53.4 27.4 82.2

134 24.4 12.6 37.8



#90

Hexachloroethane

Concen: 22.254 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW008144.D

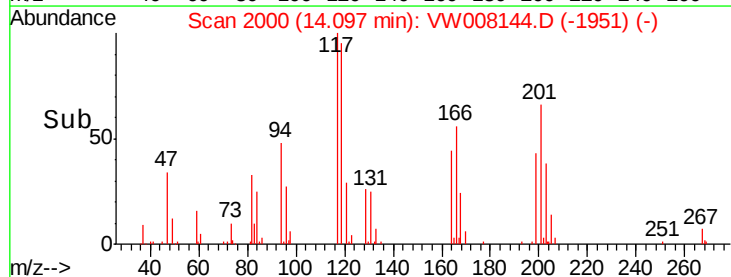
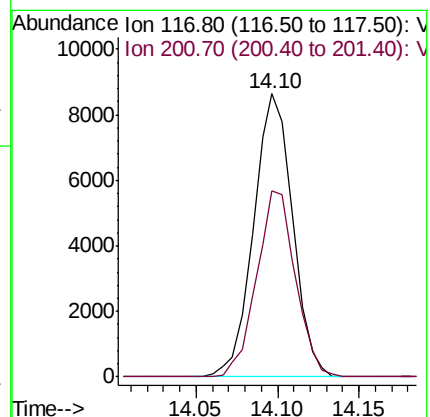
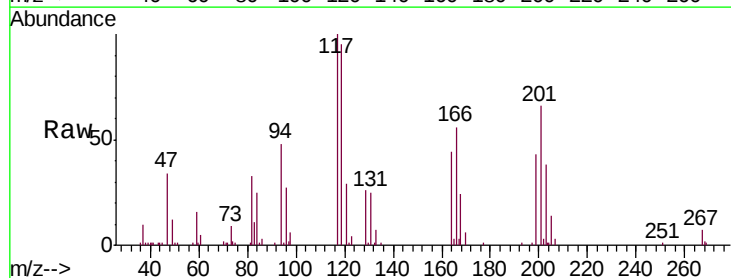
Acq: 10 Jan 2019 13:15

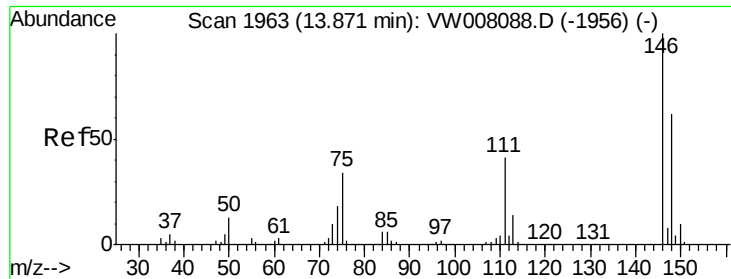
Tgt Ion: 117 Resp: 14308

Ion Ratio Lower Upper

117 100

201 65.6 33.0 98.9

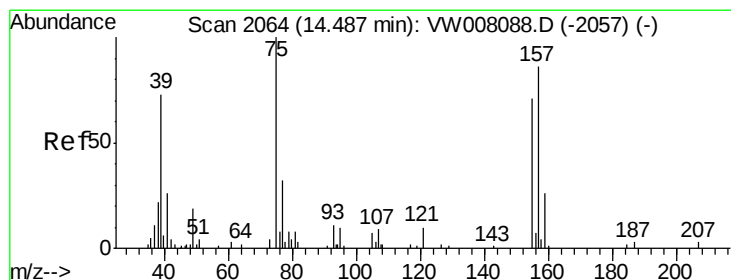
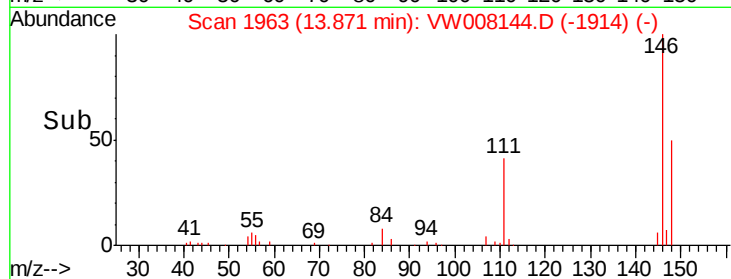
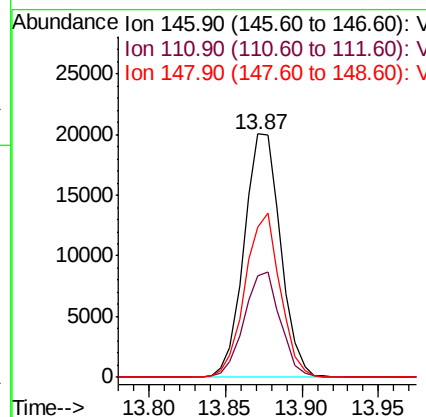
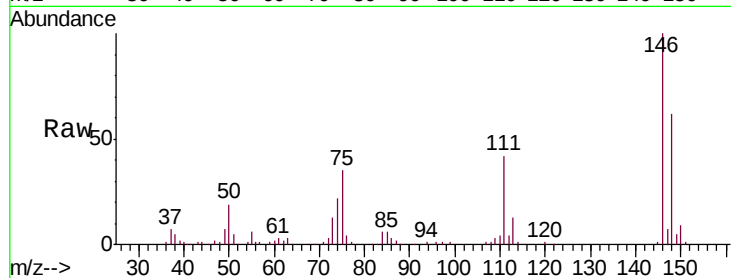




#91
 1,2-Dichlorobenzene
 Concen: 21.338 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

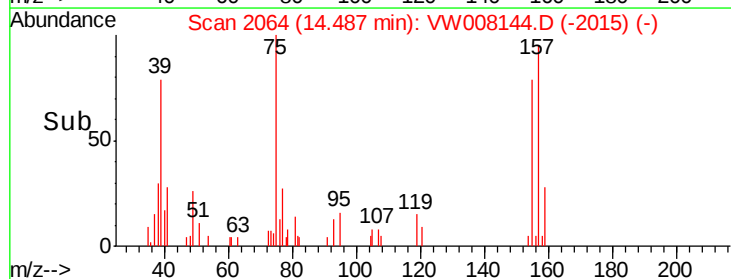
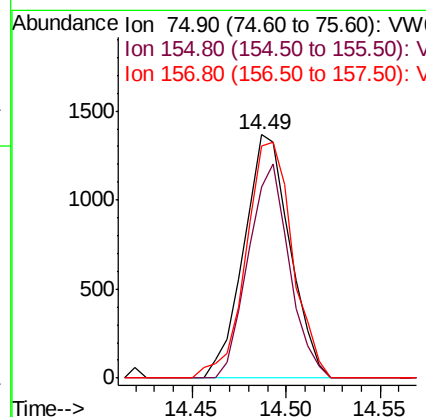
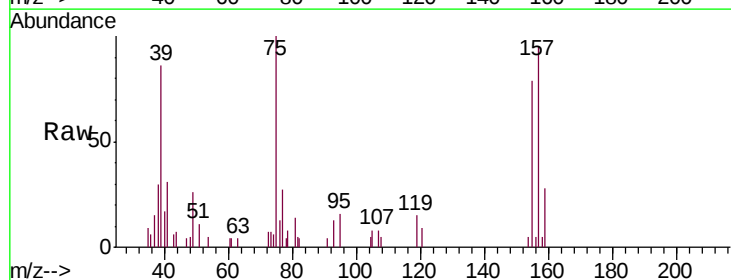
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

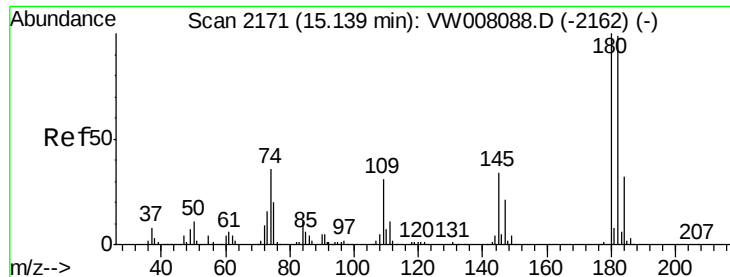
Tgt Ion:146 Resp: 33271
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.3 63.7
 148 64.9 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.721 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion: 75 Resp: 2316
 Ion Ratio Lower Upper
 75 100
 155 78.2 38.6 115.7
 157 97.9 47.5 142.6

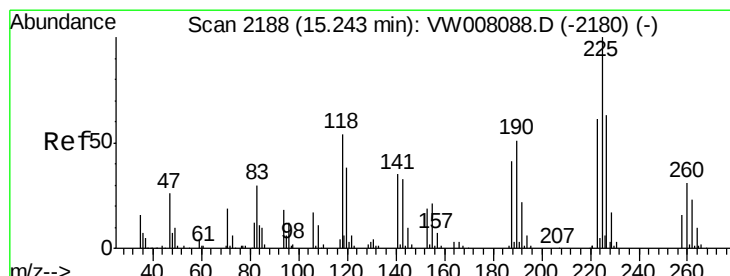
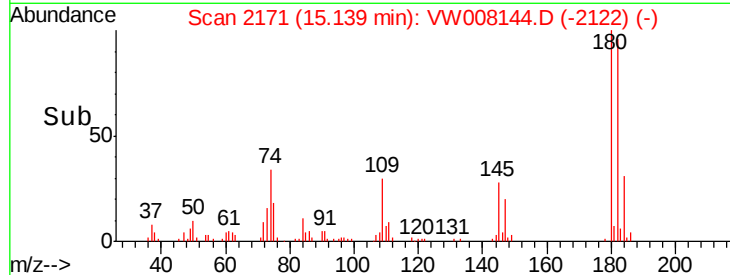
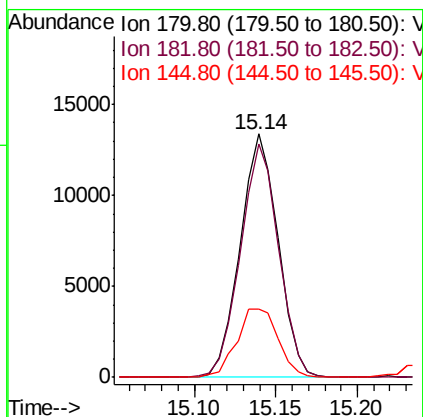
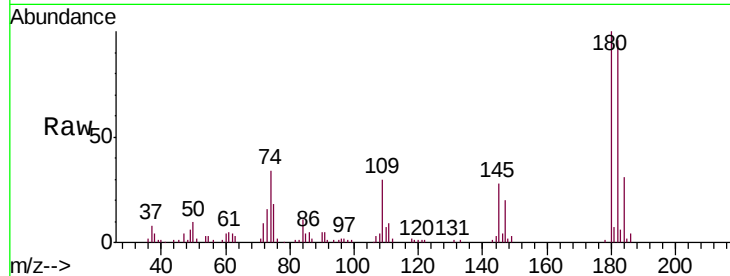




#93
 1,2,4-Trichlorobenzene
 Concen: 20.935 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

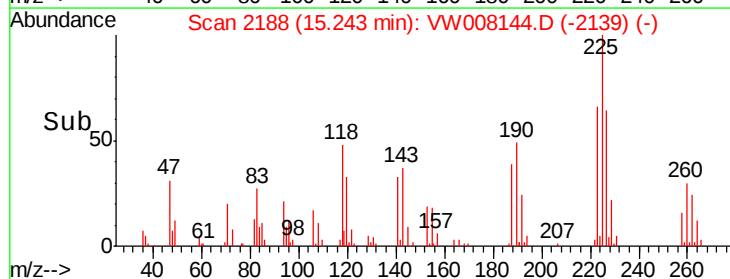
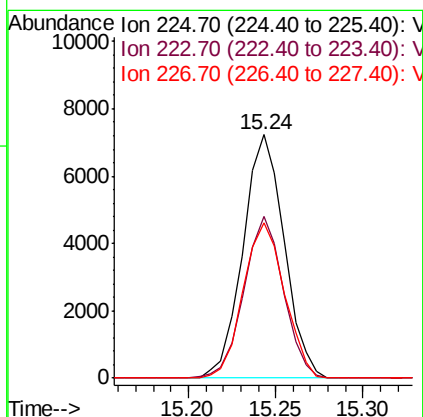
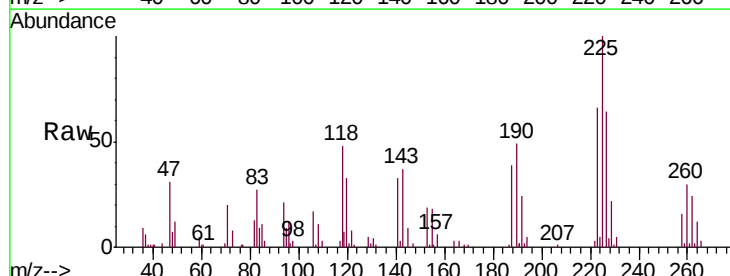
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0110SBS01

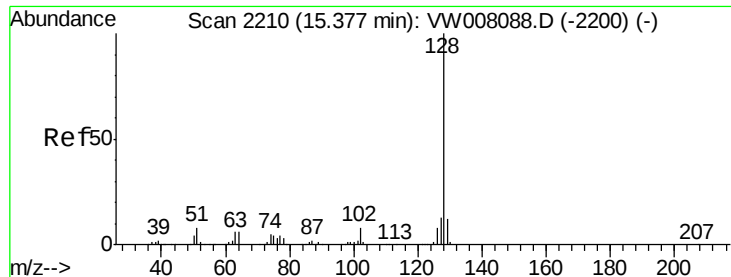
Tgt Ion:180 Resp: 21672
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.6 145.9
 145 30.8 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 21.346 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008144.D
 Acq: 10 Jan 2019 13:15

Tgt Ion:225 Resp: 11827
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.4 94.3
 227 63.9 32.0 96.2





#95

Naphthalene

Concen: 20.279 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

VW0110SBS01

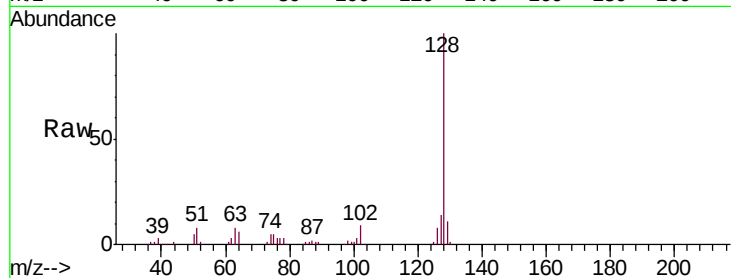
Tgt Ion:128 Resp: 39197

Ion Ratio Lower Upper

128 100

127 14.3 11.0 16.4

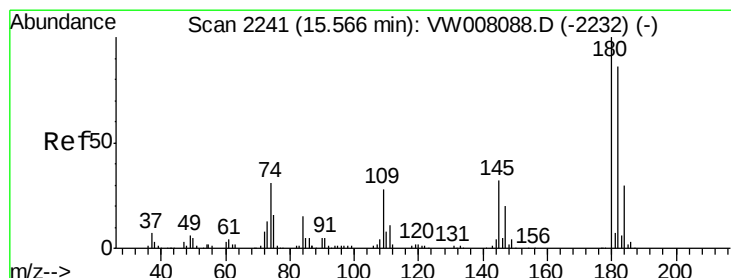
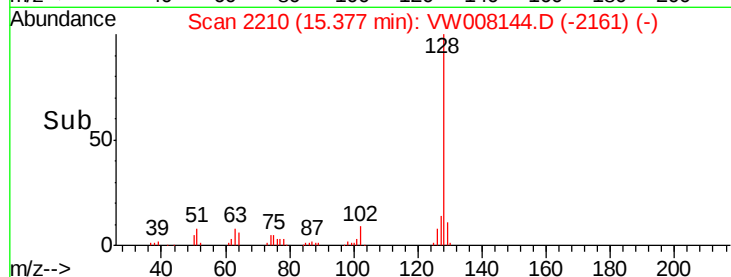
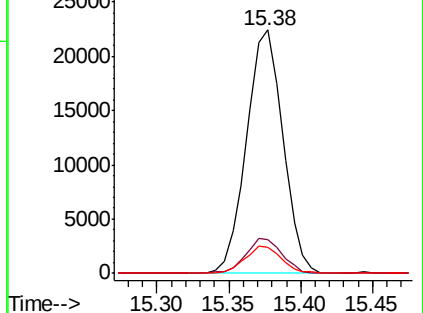
129 11.1 9.0 13.6



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: 20.642 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW008144.D

Acq: 10 Jan 2019 13:15

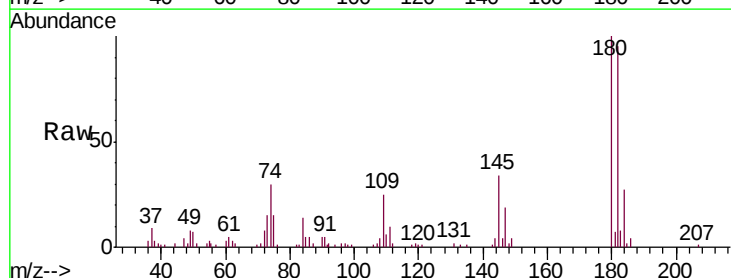
Tgt Ion:180 Resp: 18216

Ion Ratio Lower Upper

180 100

182 97.6 46.5 139.3

145 32.7 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

