

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007379.D
 Acq On : 11 Dec 2018 03:33
 Operator : SY/AP
 Sample : VW1210SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Quant Time: Dec 11 04:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	88467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	147136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58967	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	46632	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	7.88	113	45127	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.32	98	172055	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.62	95	62725	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12510	20.236	ug/l	100
3) Chloromethane	2.21	50	11226	21.682	ug/l	98
4) Vinyl Chloride	2.37	62	12979	21.361	ug/l	98
5) Bromomethane	2.78	94	8912	21.830	ug/l	96
6) Chloroethane	2.92	64	6844	20.463	ug/l	90
7) Trichlorofluoromethane	3.26	101	10888	19.932	ug/l	99
8) Diethyl Ether	3.67	74	9125	21.343	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17987	19.956	ug/l	98
10) Methyl Iodide	4.26	142	31575	21.151	ug/l	98
11) Tert butyl alcohol	5.17	59	7909	117.333	ug/l	98
12) 1,1-Dichloroethene	4.03	96	17923	20.652	ug/l	98
13) Acrolein	3.89	56	4660	104.479	ug/l	100
14) Allyl chloride	4.67	41	27398	21.418	ug/l	98
15) Acrylonitrile	5.37	53	18148	100.690	ug/l	99
16) Acetone	4.12	43	16036	93.540	ug/l	92
17) Carbon Disulfide	4.37	76	55035	20.915	ug/l	99
18) Methyl Acetate	4.67	43	9684	20.813	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	28330	21.639	ug/l	96
20) Methylene Chloride	4.90	84	20671	19.673	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	20461	21.076	ug/l	97
22) Diisopropyl ether	6.32	45	52330	21.283	ug/l	98
23) Vinyl Acetate	6.26	43	142018	103.263	ug/l	97
24) 1,1-Dichloroethane	6.21	63	34903	21.003	ug/l	99
25) 2-Butanone	7.17	43	21014	93.893	ug/l	97
26) 2,2-Dichloropropane	7.16	77	22019	20.020	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	22244	20.926	ug/l	97
28) Bromochloromethane	7.51	49	11959	19.132	ug/l	98
29) Tetrahydrofuran	7.53	42	14425	101.810	ug/l	99
30) Chloroform	7.67	83	37637	20.812	ug/l	97
31) Cyclohexane	7.95	56	30539	20.030	ug/l #	84
32) 1,1,1-Trichloroethane	7.87	97	32670	20.600	ug/l	99
36) 1,1-Dichloropropene	8.08	75	28244	21.043	ug/l	99
37) Ethyl Acetate	7.25	43	10678	21.389	ug/l	96
38) Carbon Tetrachloride	8.07	117	30695	21.018	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007379.D
 Acq On : 11 Dec 2018 03:33
 Operator : SY/AP
 Sample : VW1210SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Quant Time: Dec 11 04:21:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	34503	21.229	ug/l	87
40) Benzene	8.32	78	81531	21.888	ug/l	99
41) Methacrylonitrile	7.48	41	6707	23.593	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	24920	21.297	ug/l	99
43) Isopropyl Acetate	8.42	43	21151	21.449	ug/l	99
44) Trichloroethene	9.09	130	23537	22.128	ug/l	96
45) 1,2-Dichloropropane	9.37	63	18797	21.807	ug/l	99
46) Dibromomethane	9.46	93	10458	21.364	ug/l	97
47) Bromodichloromethane	9.65	83	27648	21.533	ug/l	95
48) Methyl methacrylate	9.44	41	10635	20.999	ug/l	97
49) 1,4-Dioxane	9.45	88	3415	429.958	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	47953	102.917	ug/l	96
52) Toluene	10.39	92	50979	21.148	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	26751	21.460	ug/l #	88
54) cis-1,3-Dichloropropene	10.07	75	30797	21.372	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14204	21.320	ug/l	91
56) Ethyl methacrylate	10.65	69	17227	21.513	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24001	21.949	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	32168	87.111	ug/l	100
59) 2-Hexanone	10.97	43	31228	100.512	ug/l	98
60) Dibromochloromethane	11.13	129	17965	21.367	ug/l	100
61) 1,2-Dibromoethane	11.24	107	13514	20.526	ug/l	99
64) Tetrachloroethene	10.87	164	18971	20.333	ug/l	95
65) Chlorobenzene	11.66	112	58543	21.648	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	20000	20.999	ug/l	99
67) Ethyl Benzene	11.73	91	102448	22.035	ug/l	96
68) m/p-Xylenes	11.83	106	74991	41.489	ug/l	94
69) o-Xylene	12.17	106	34926	20.690	ug/l	99
70) Styrene	12.18	104	56580	20.751	ug/l	99
71) Bromoform	12.35	173	9368	19.217	ug/l #	95
73) Isopropylbenzene	12.47	105	103357	22.875	ug/l	97
74) N-amyl acetate	12.27	43	16870	20.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	13658	20.409	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	20851	42.886	ug/l #	1
77) Bromobenzene	12.75	156	22661	22.627	ug/l	96
78) n-propylbenzene	12.81	91	123944	24.375	ug/l	95
79) 2-Chlorotoluene	12.90	91	68190	22.163	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	85054	22.403	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	4348	19.755	ug/l	95
82) 4-Chlorotoluene	12.99	91	71412	22.019	ug/l	96
83) tert-Butylbenzene	13.21	119	72457	21.660	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	85781	21.957	ug/l	98
85) sec-Butylbenzene	13.39	105	99999	21.898	ug/l	97
86) p-Isopropyltoluene	13.51	119	88159	21.489	ug/l	96
87) 1,3-Dichlorobenzene	13.51	146	43393	21.731	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	45587	22.709	ug/l	98
89) n-Butylbenzene	13.83	91	82220	21.618	ug/l	96
90) Hexachloroethane	14.10	117	15878	21.752	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	40317	22.542	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2896	21.564	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007379.D
Acq On : 11 Dec 2018 03:33
Operator : SY/AP
Sample : VW1210SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Quant Time: Dec 11 04:21:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration

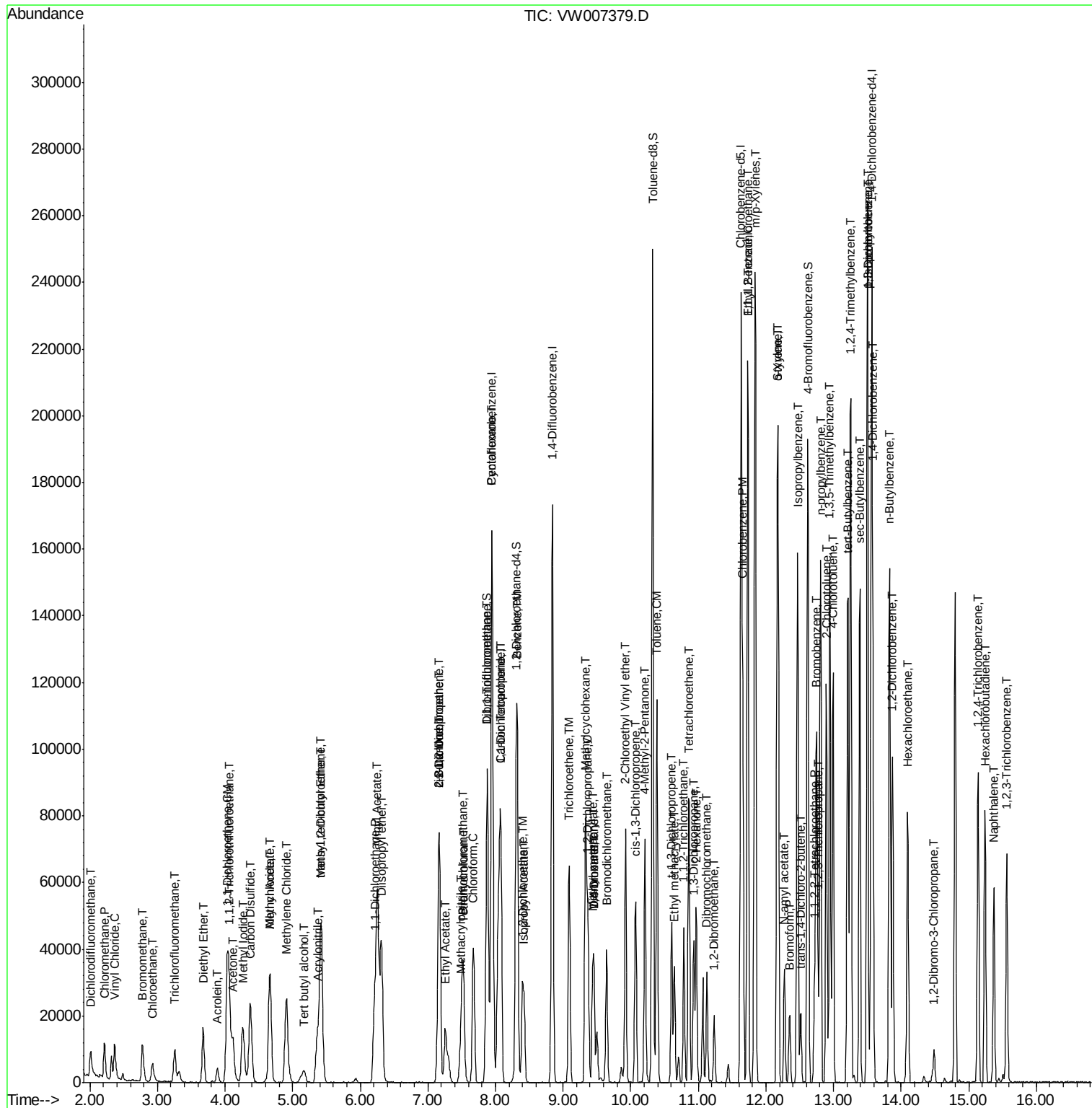
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29429	23.910	ug/l	91
94) Hexachlorobutadiene	15.24	225	14314	21.918	ug/l	96
95) Naphthalene	15.38	128	52570	22.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	24578	22.988	ug/l	98

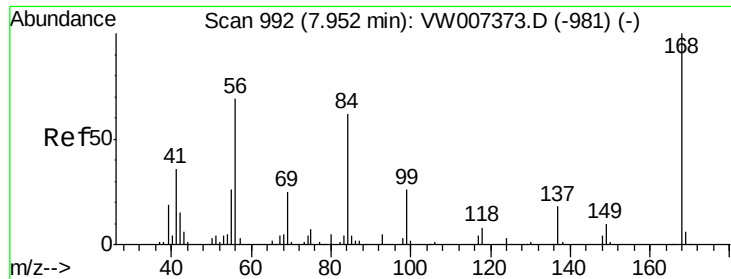
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007379.D
Acq On : 11 Dec 2018 03:33
Operator : SY/AP
Sample : VW1210SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Quant Time: Dec 11 04:21:44 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

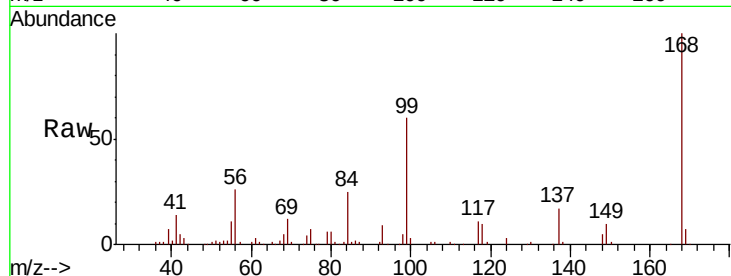
VW1211SBS01

Tgt Ion:168 Resp: 88467

Ion Ratio Lower Upper

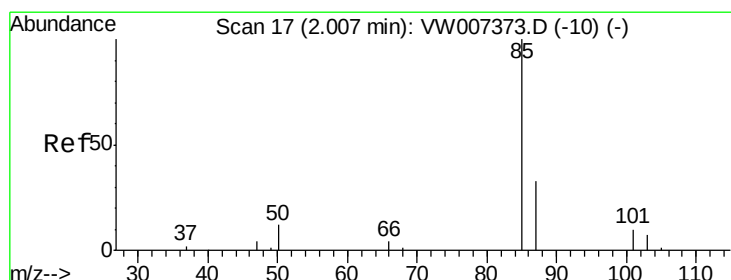
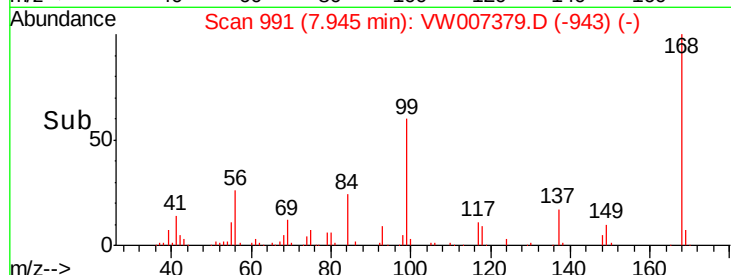
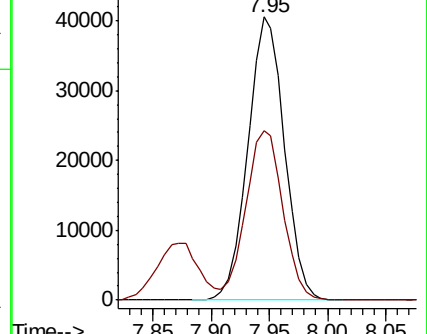
168 100

99 60.0 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 20.236 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007379.D

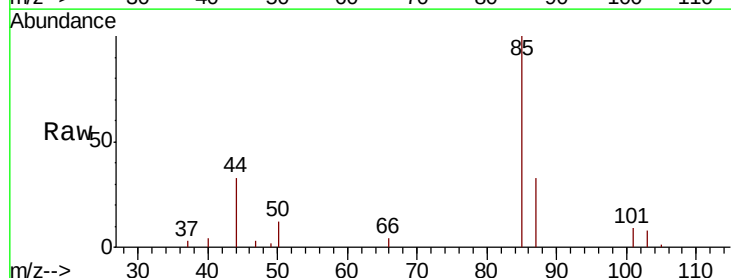
Acq: 11 Dec 2018 03:33

Tgt Ion: 85 Resp: 12510

Ion Ratio Lower Upper

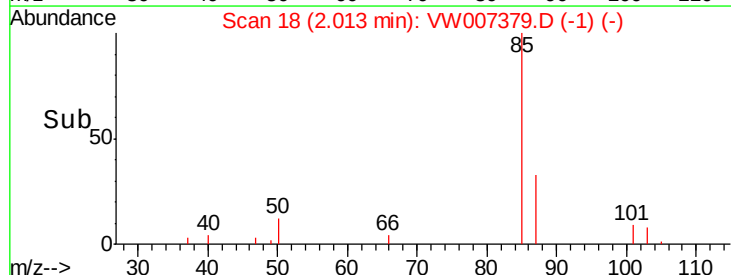
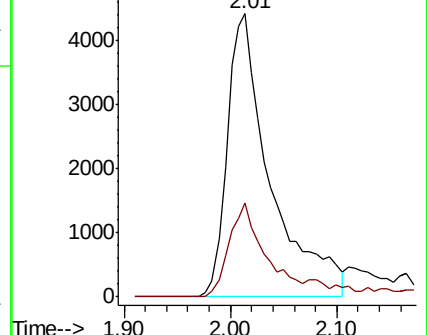
85 100

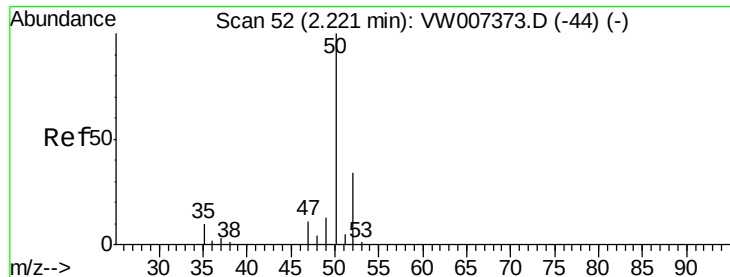
87 33.2 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.682 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

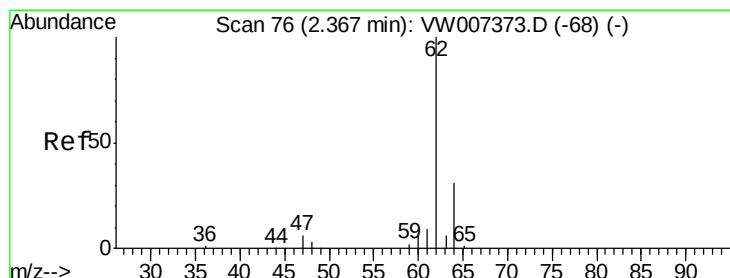
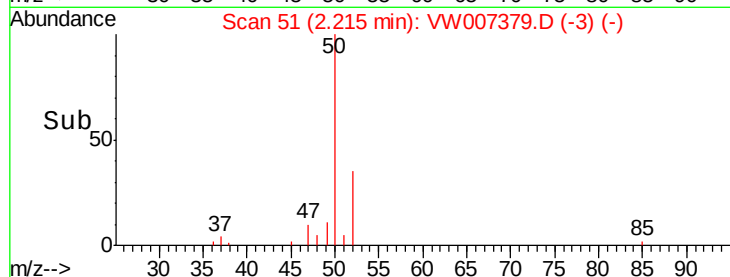
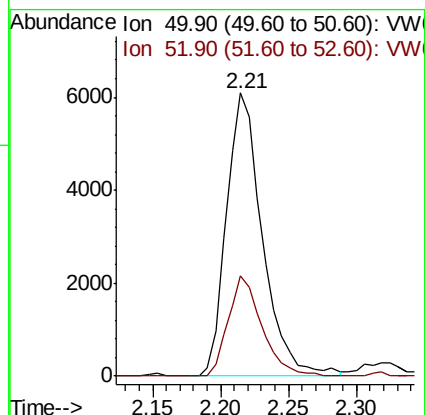
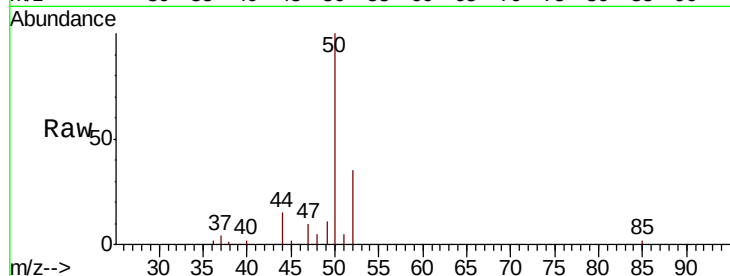
VW1211SBS01

Tgt Ion: 50 Resp: 11226

Ion Ratio Lower Upper

50 100

52 35.4 27.4 41.0



#4

Vinyl Chloride

Concen: 21.361 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007379.D

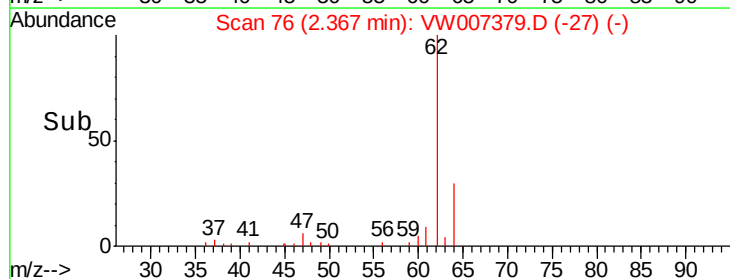
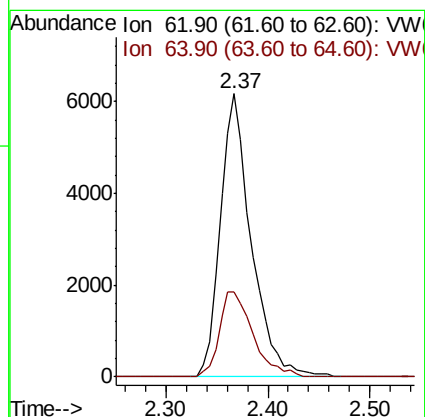
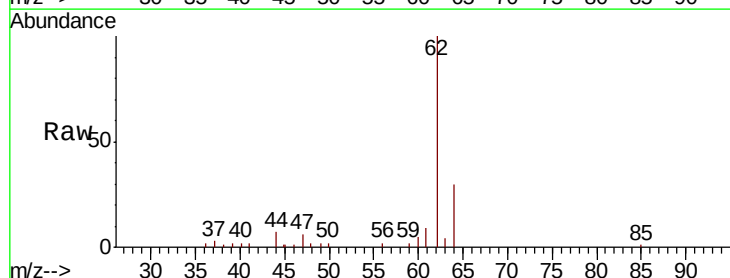
Acq: 11 Dec 2018 03:33

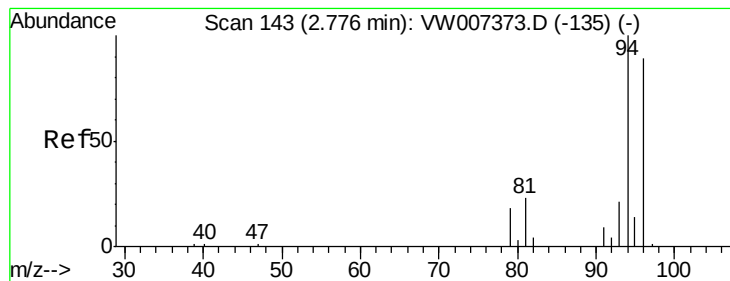
Tgt Ion: 62 Resp: 12979

Ion Ratio Lower Upper

62 100

64 30.0 24.6 37.0





#5

Bromomethane

Concen: 21.830 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

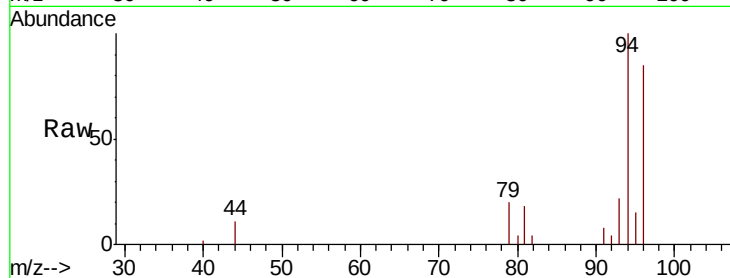
VW1211SBS01

Tgt Ion: 94 Resp: 8912

Ion Ratio Lower Upper

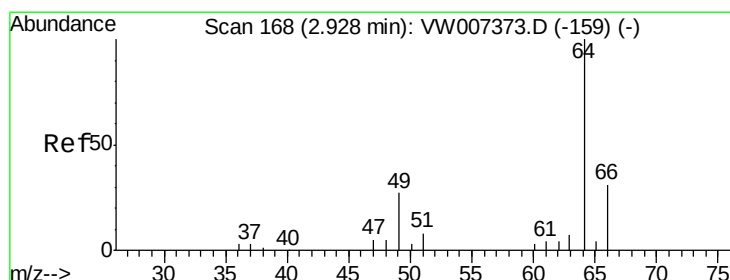
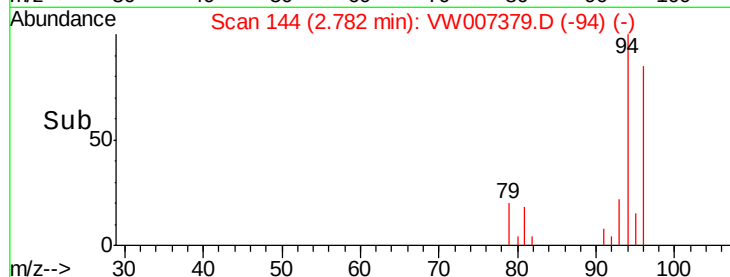
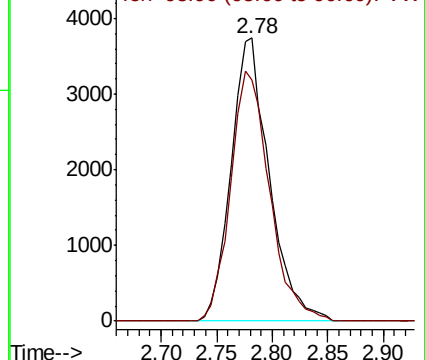
94 100

96 85.3 71.0 106.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.463 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007379.D

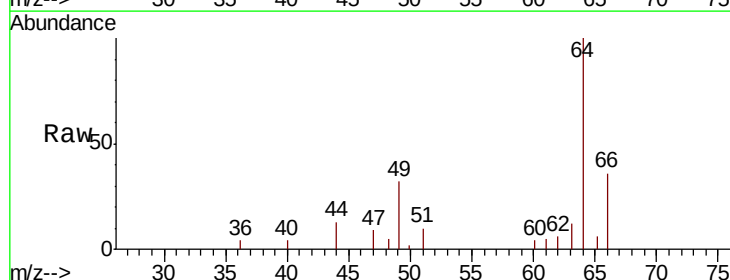
Acq: 11 Dec 2018 03:33

Tgt Ion: 64 Resp: 6844

Ion Ratio Lower Upper

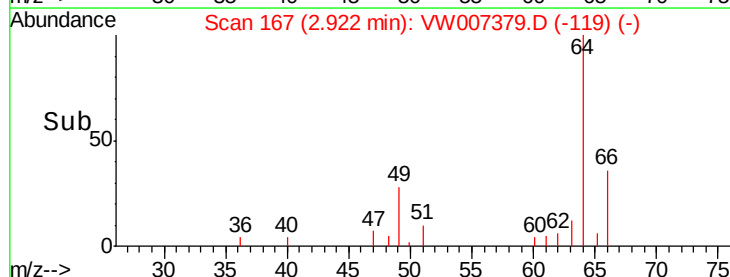
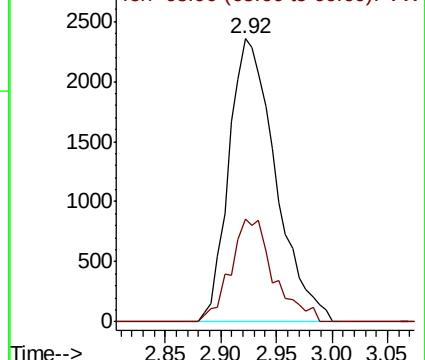
64 100

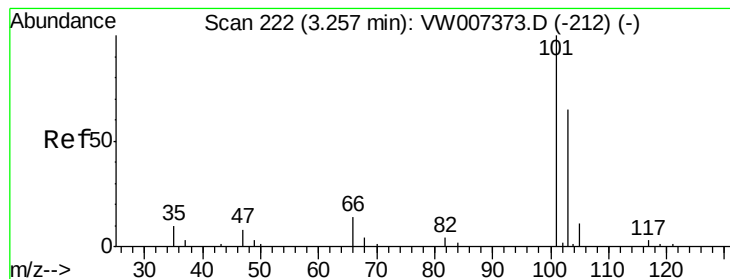
66 36.3 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



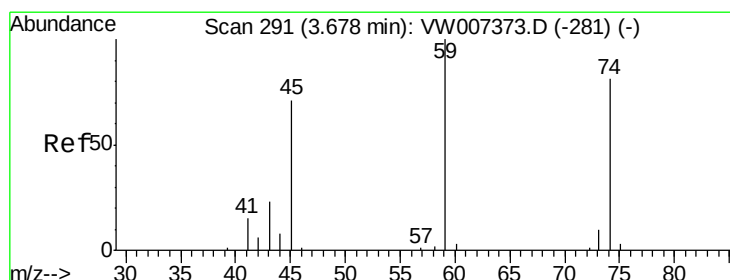
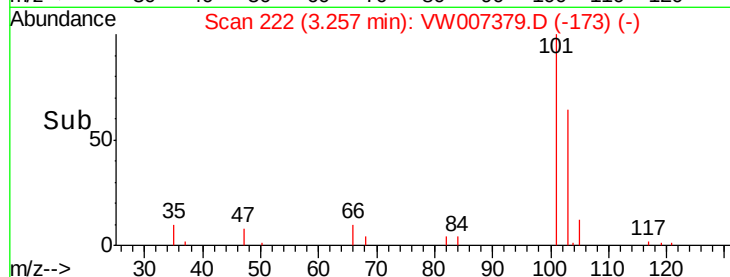
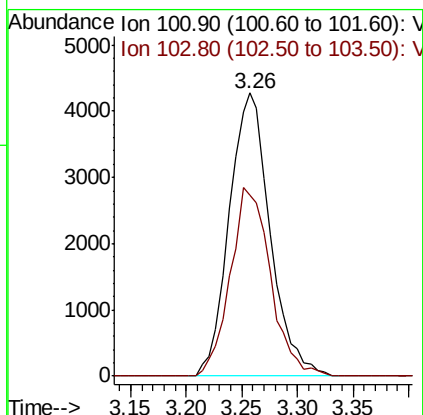
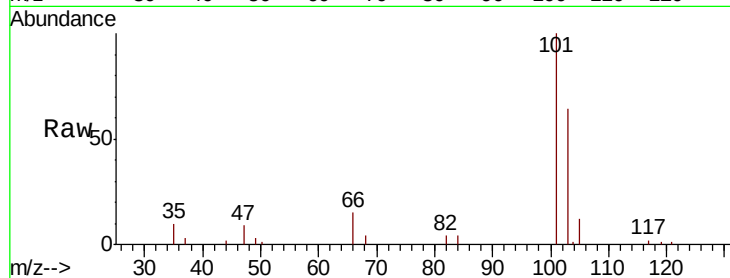


#7

Trichlorofluoromethane
 Concen: 19.932 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

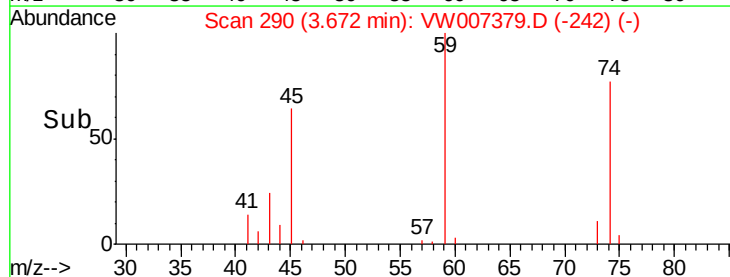
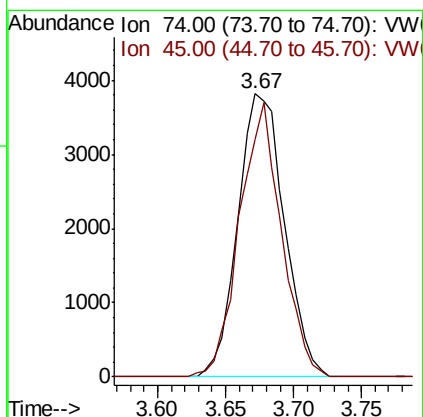
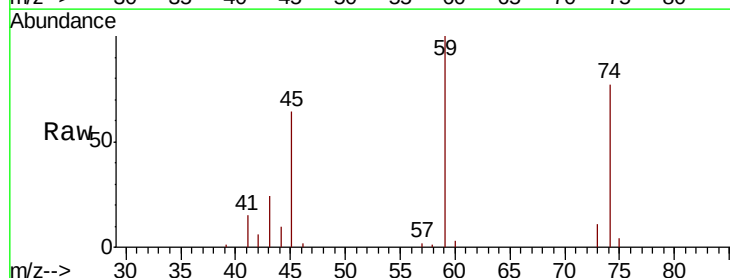
Tgt Ion: 101 Resp: 10888
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.7 77.5

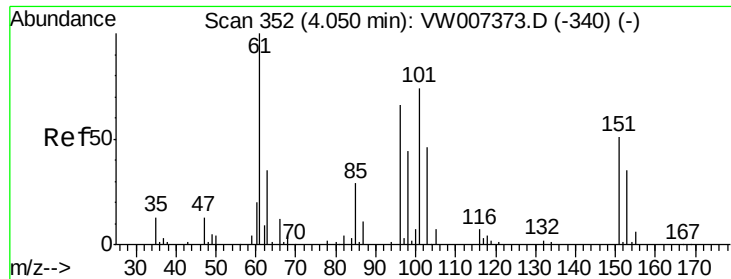


#8

Diethyl Ether
 Concen: 21.343 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 74 Resp: 9125
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.956 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

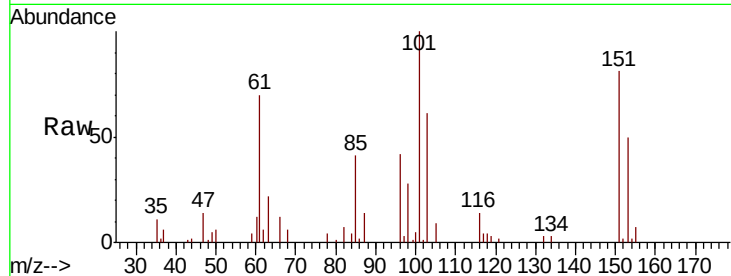
Tgt Ion:101 Resp: 17987

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

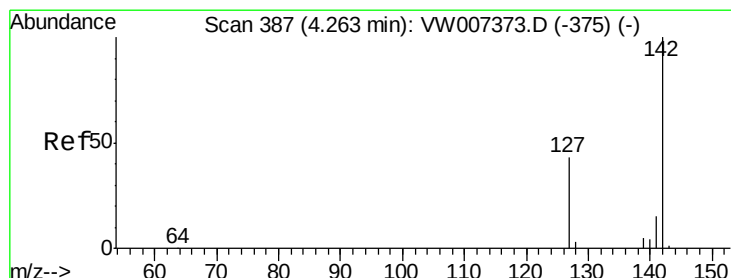
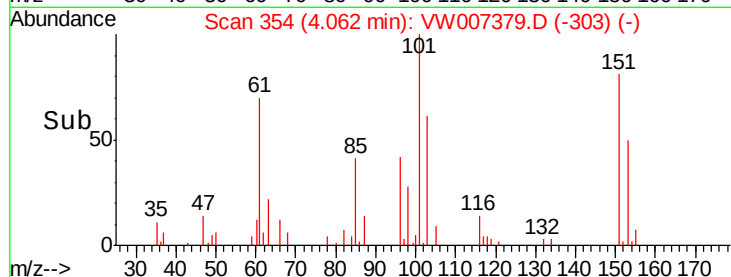
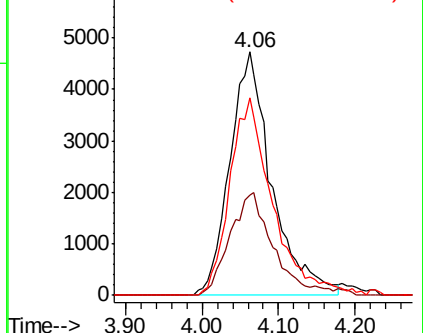
151 82.8 63.7 95.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.151 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

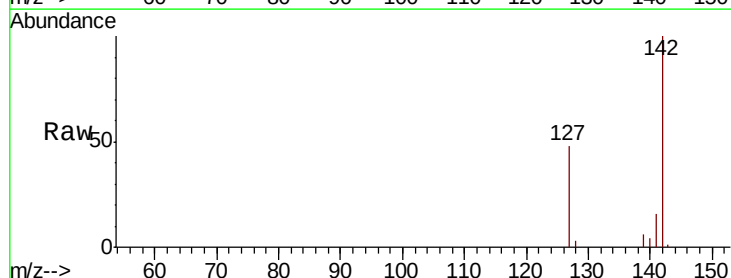
Tgt Ion:142 Resp: 31575

Ion Ratio Lower Upper

142 100

127 45.8 35.8 53.6

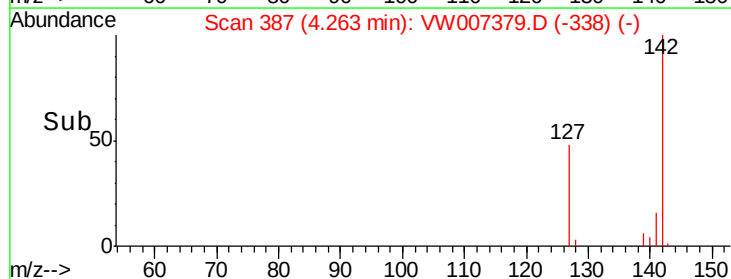
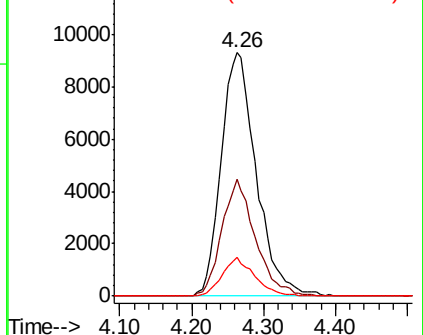
141 14.7 11.1 16.7

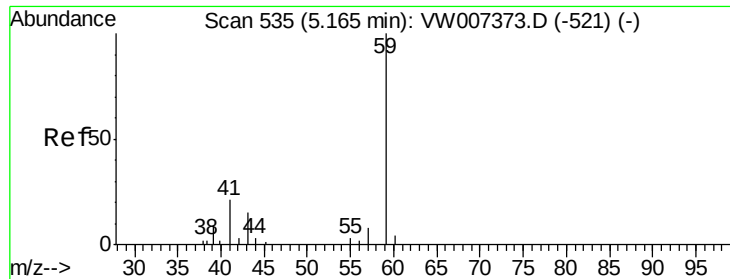


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

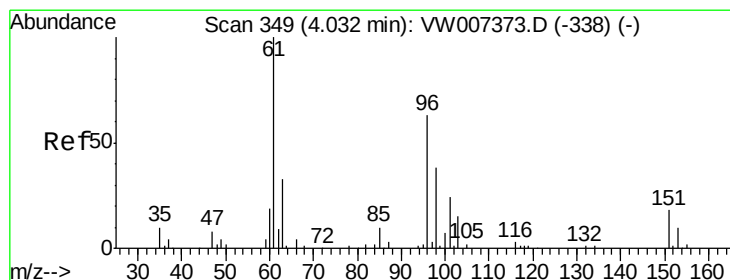
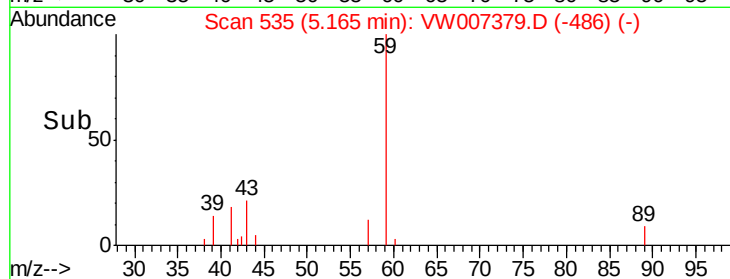
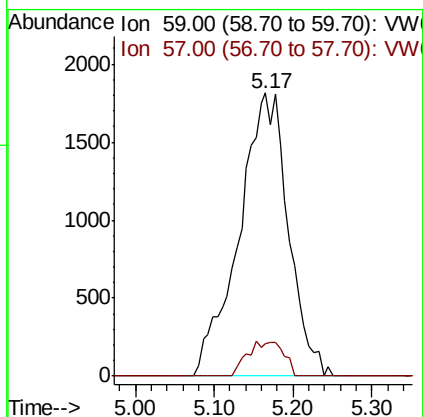
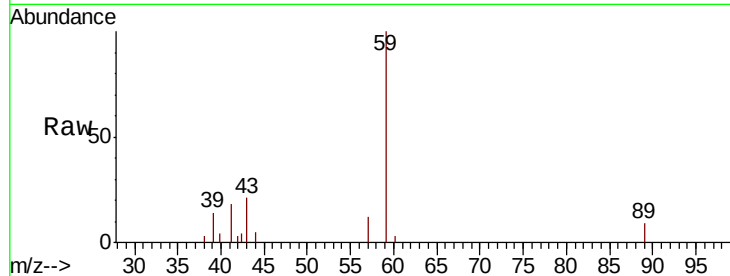




#11
Tert butyl alcohol
Concen: 117.333 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

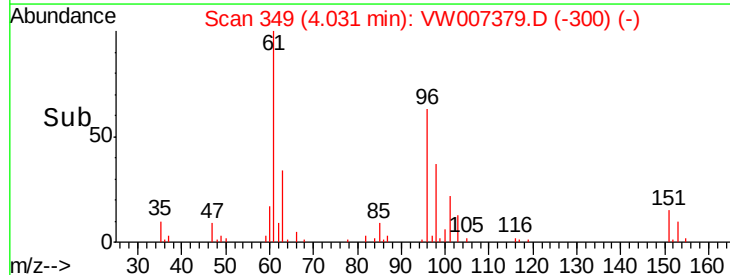
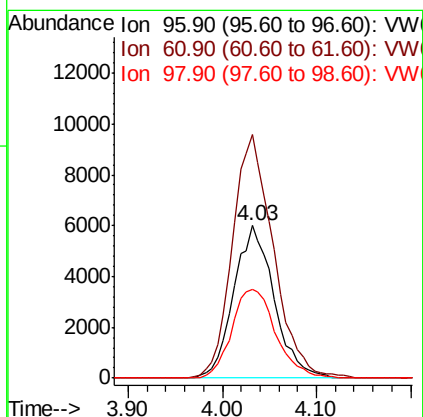
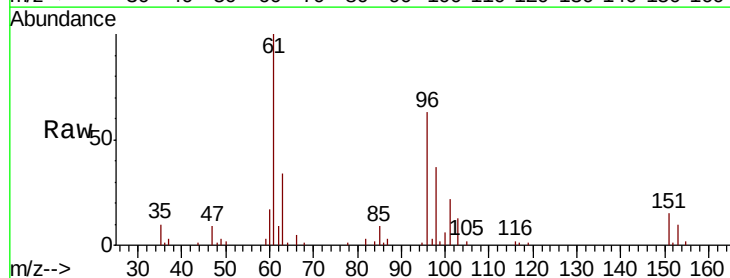
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

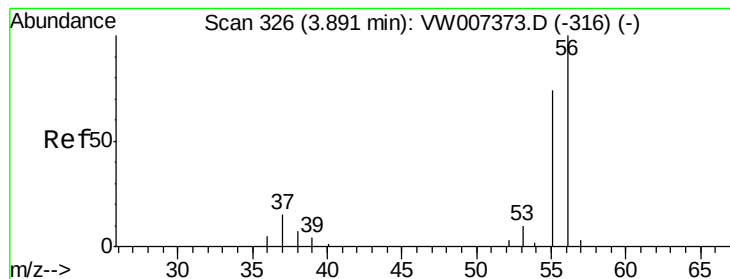
Tgt Ion: 59 Resp: 7909
Ion Ratio Lower Upper
59 100
57 8.9 7.6 11.4



#12
1,1-Dichloroethene
Concen: 20.652 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 96 Resp: 17923
Ion Ratio Lower Upper
96 100
61 159.5 126.2 189.2
98 58.5 48.3 72.5





#13

Acrolein

Concen: 104.479 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

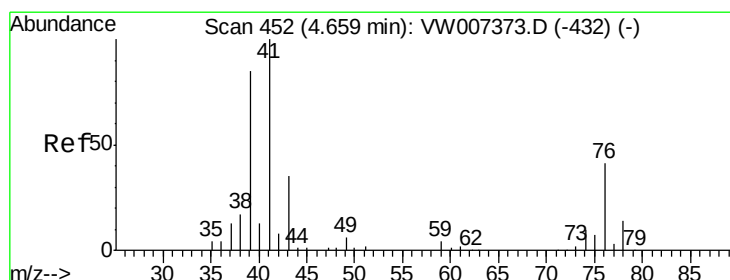
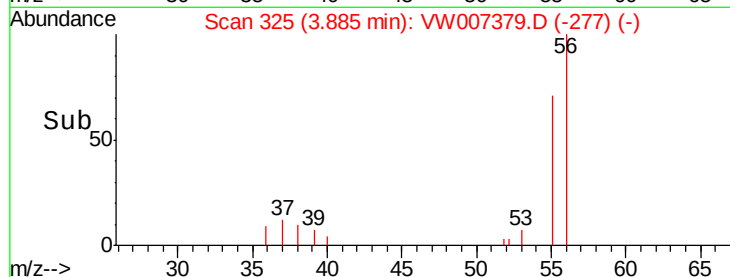
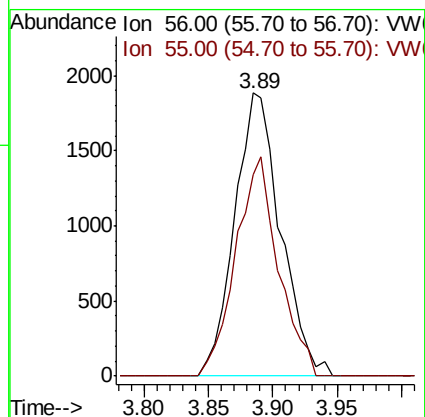
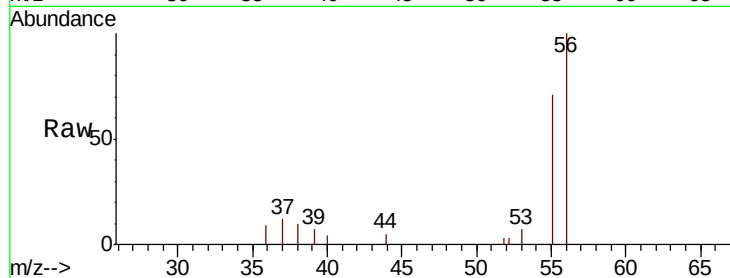
VW1211SBS01

Tgt Ion: 56 Resp: 4660

Ion Ratio Lower Upper

56 100

55 71.9 57.4 86.2



#14

Allyl chloride

Concen: 21.418 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

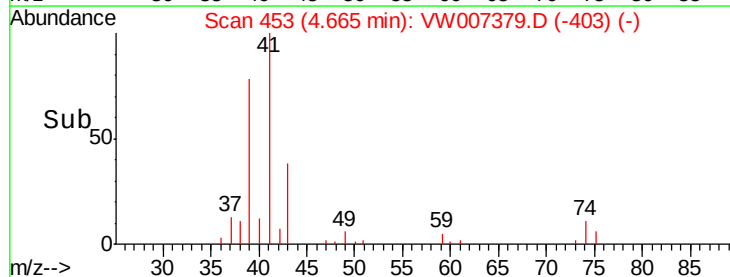
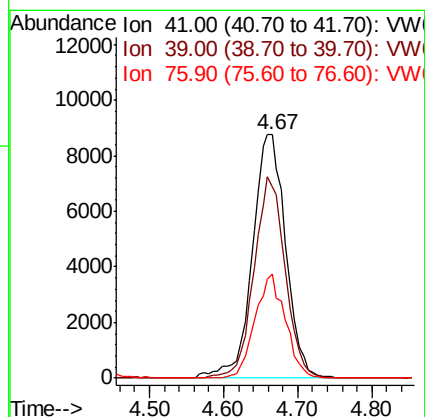
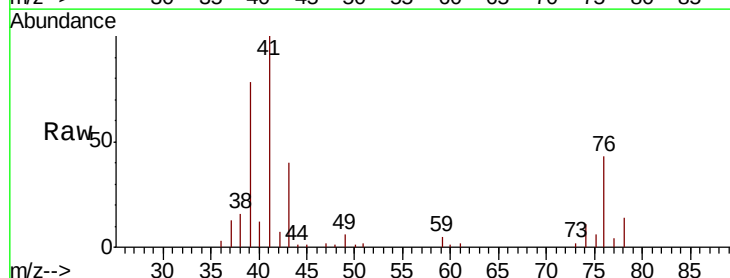
Tgt Ion: 41 Resp: 27398

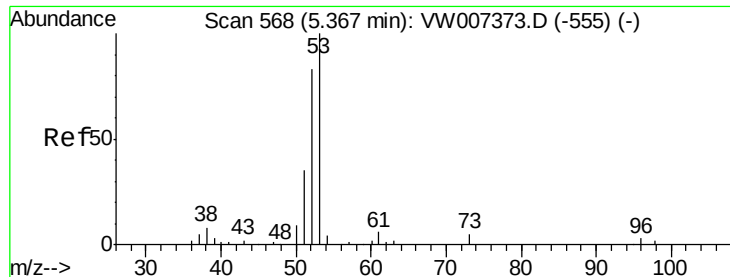
Ion Ratio Lower Upper

41 100

39 77.2 63.4 95.2

76 38.9 32.1 48.1





#15

Acrylonitrile

Concen: 100.690 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

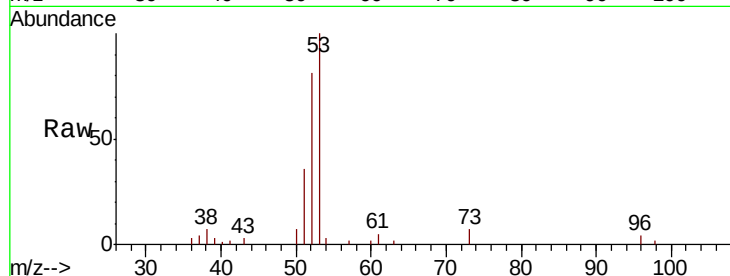
Tgt Ion: 53 Resp: 18148

Ion Ratio Lower Upper

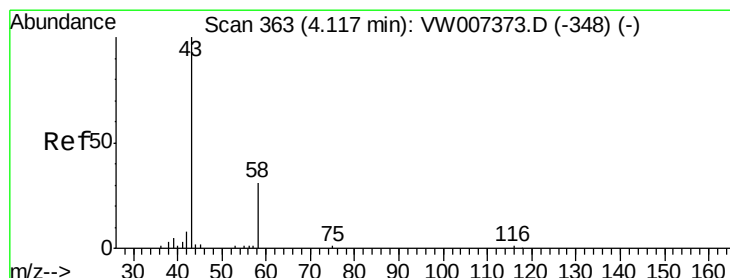
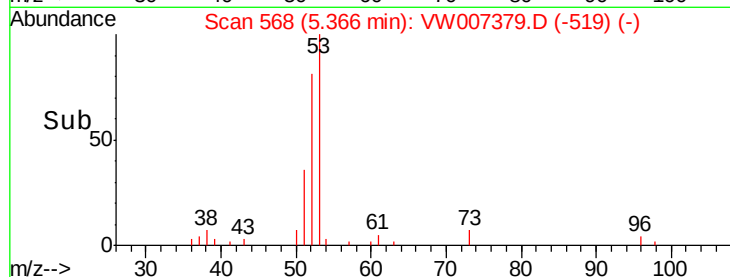
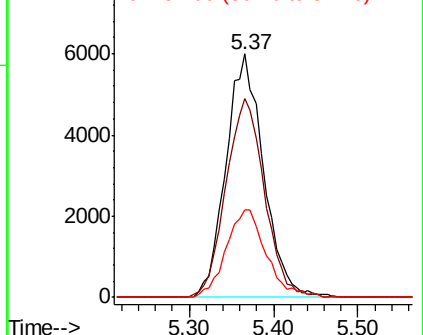
53 100

52 83.7 67.4 101.2

51 38.3 30.2 45.2



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 93.540 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW007379.D

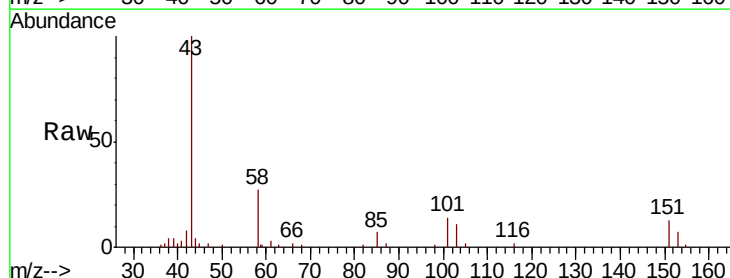
Acq: 11 Dec 2018 03:33

Tgt Ion: 43 Resp: 16036

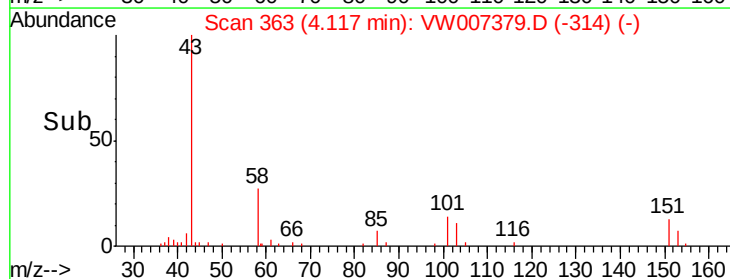
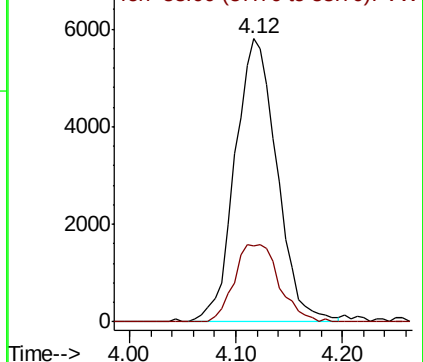
Ion Ratio Lower Upper

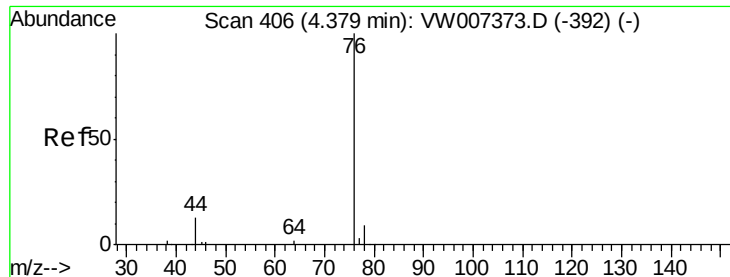
43 100

58 26.7 24.9 37.3



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

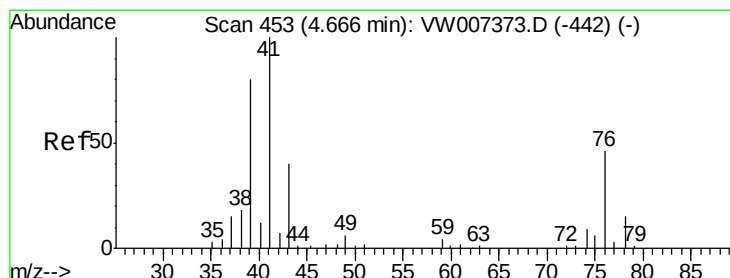
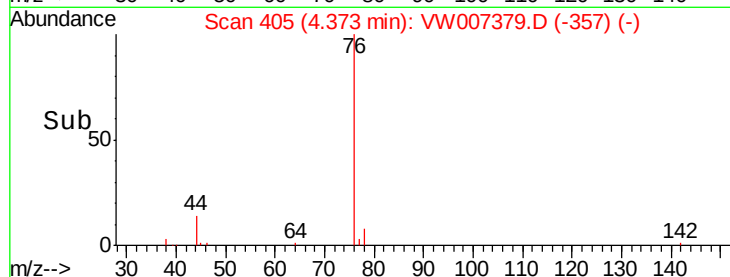
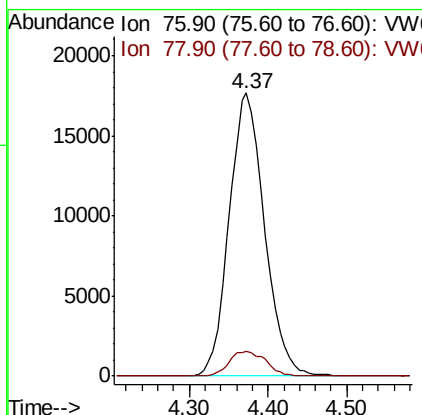
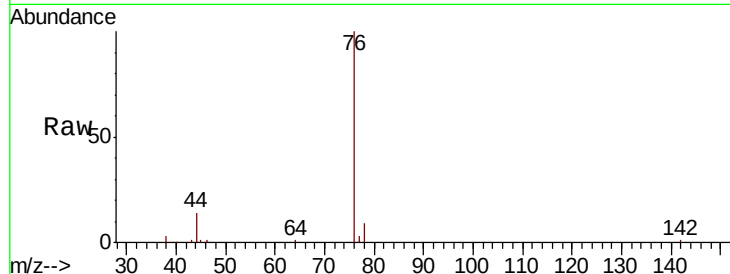




#17
Carbon Disulfide
Concen: 20.915 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

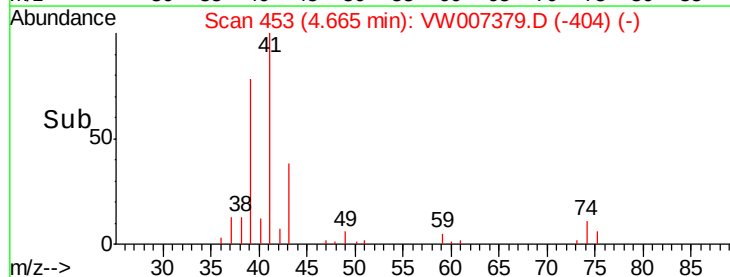
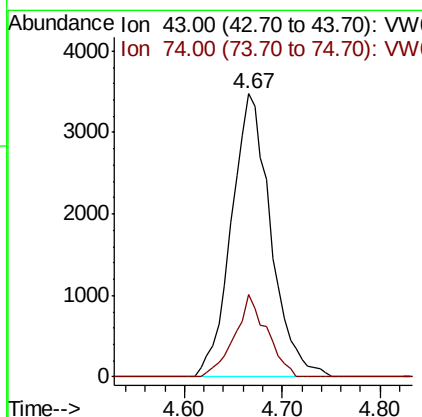
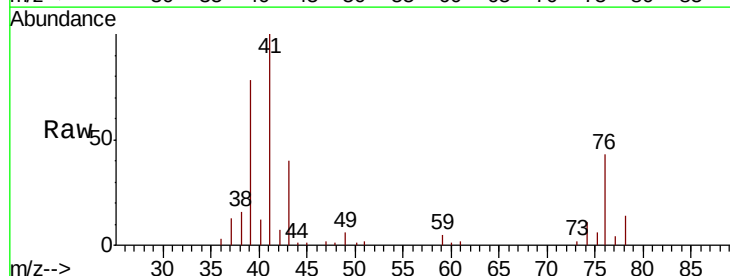
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

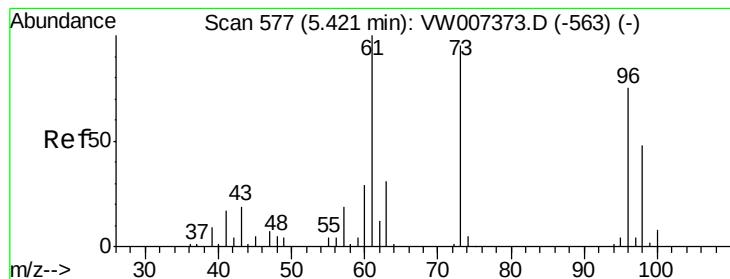
Tgt Ion: 76 Resp: 55035
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7



#18
Methyl Acetate
Concen: 20.813 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 43 Resp: 9684
Ion Ratio Lower Upper
43 100
74 23.9 21.1 31.7





#19

Methyl tert-butyl Ether

Concen: 21.639 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

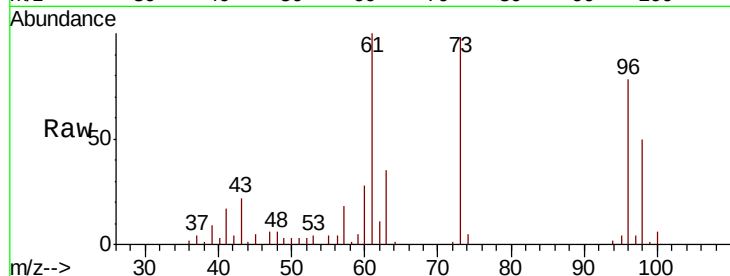
VW1211SBS01

Tgt Ion: 73 Resp: 28330

Ion Ratio Lower Upper

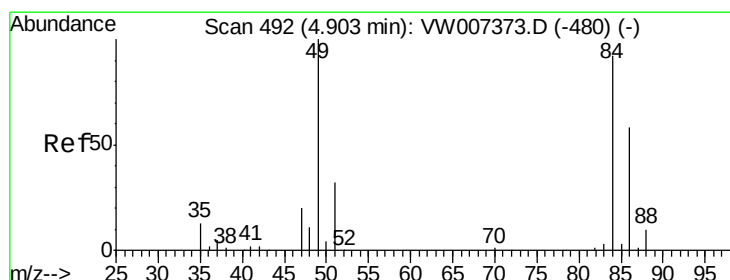
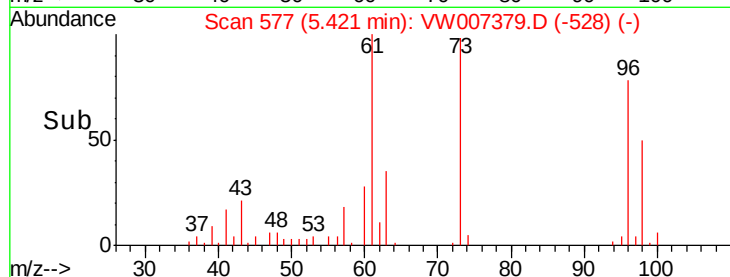
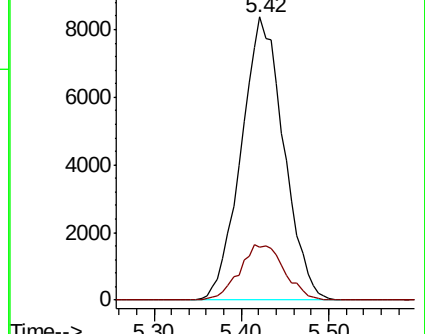
73 100

57 18.7 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW



#20

Methylene Chloride

Concen: 19.673 ug/l

RT: 4.90 min Scan# 492

Delta R.T. 0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Tgt Ion: 84 Resp: 20671

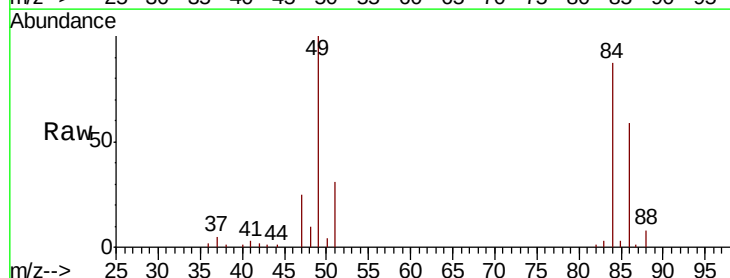
Ion Ratio Lower Upper

84 100

49 114.6 87.1 130.7

51 35.6 28.2 42.2

86 67.8 50.8 76.2

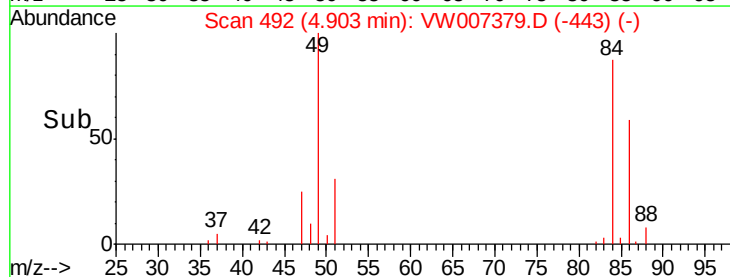
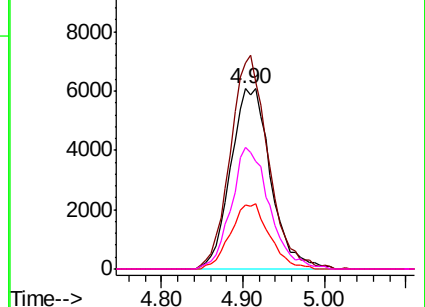


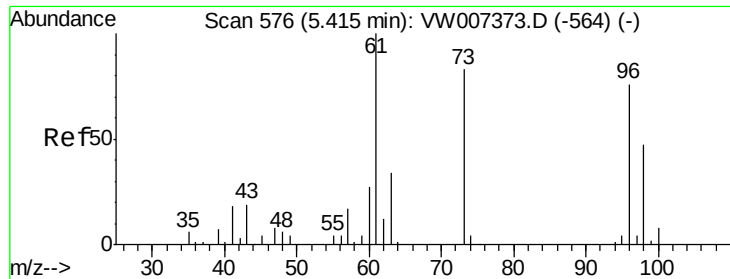
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW





#21

trans-1,2-Dichloroethene

Concen: 21.076 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

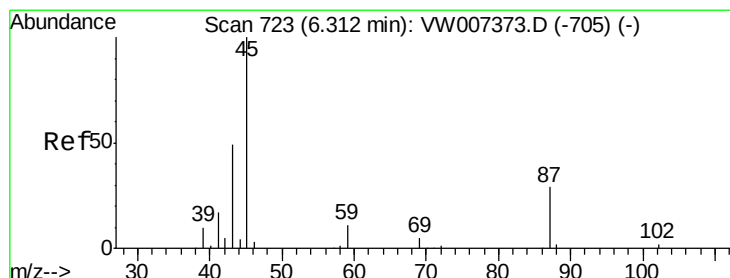
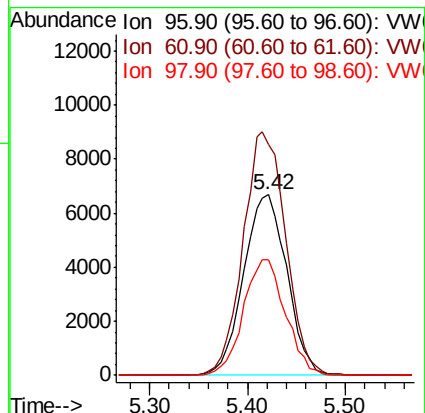
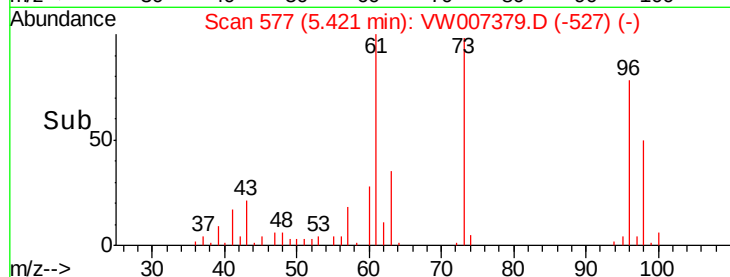
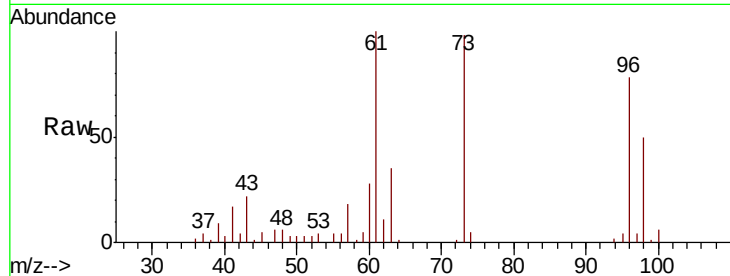
Tgt Ion: 96 Resp: 20461

Ion Ratio Lower Upper

96 100

61 128.0 105.0 157.6

98 64.0 49.7 74.5



#22

Diisopropyl ether

Concen: 21.283 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Tgt Ion: 45 Resp: 52330

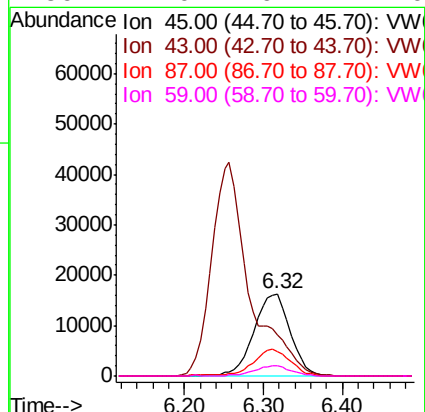
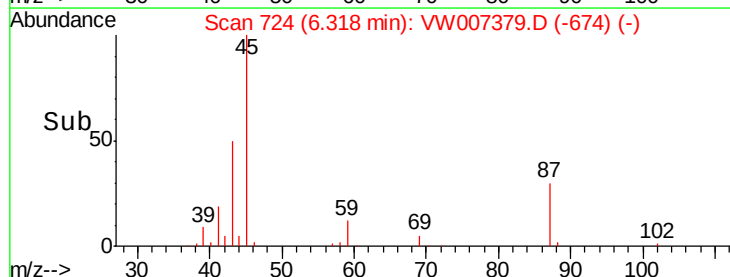
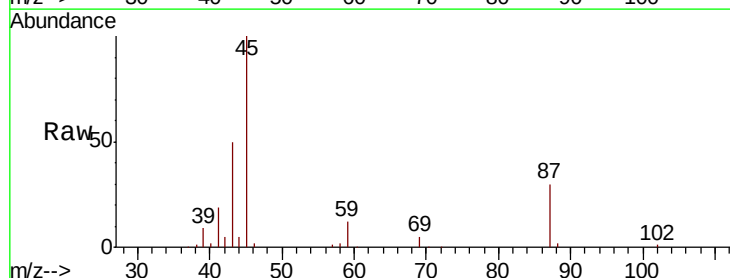
Ion Ratio Lower Upper

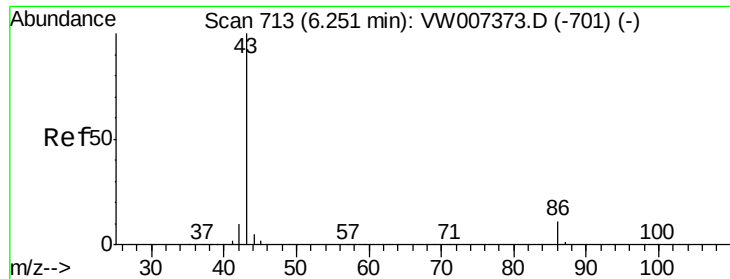
45 100

43 49.5 41.6 62.4

87 30.0 24.3 36.5

59 12.0 9.4 14.0

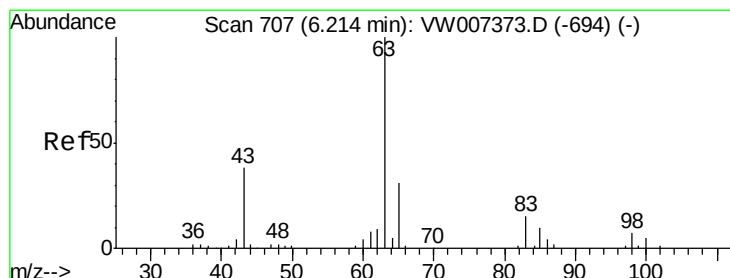
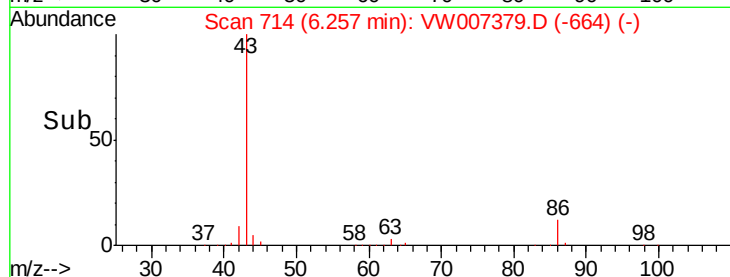
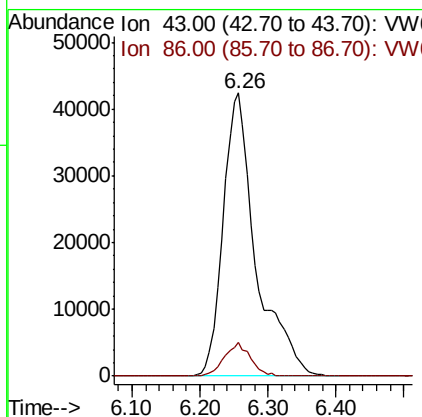
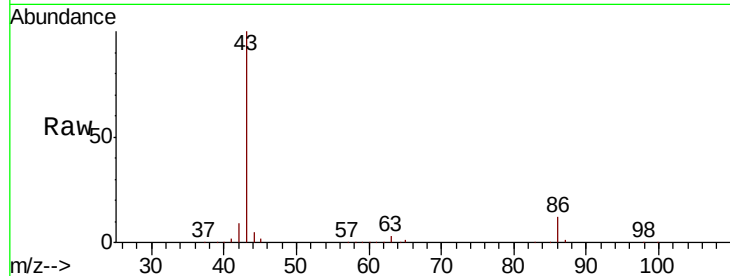




#23
 Vinyl Acetate
 Concen: 103.263 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

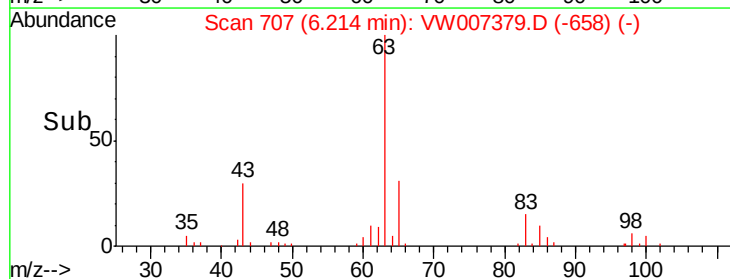
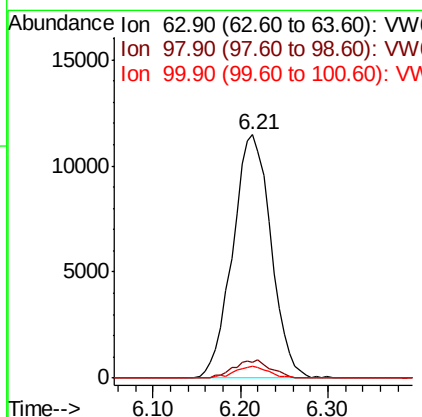
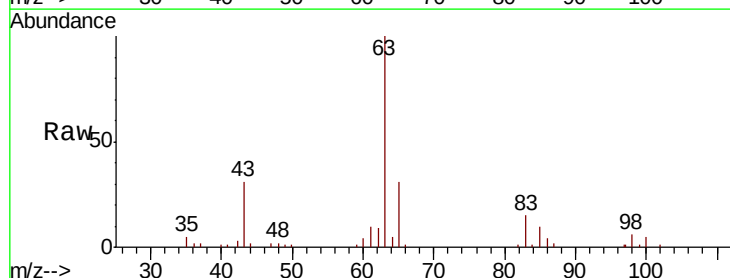
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

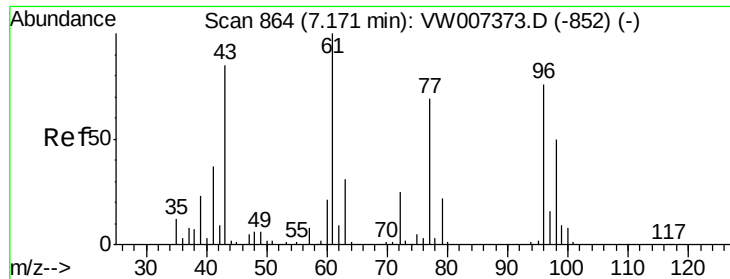
Tgt Ion: 43 Resp: 142018
 Ion Ratio Lower Upper
 43 100
 86 11.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 21.003 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 63 Resp: 34903
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 93.893 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

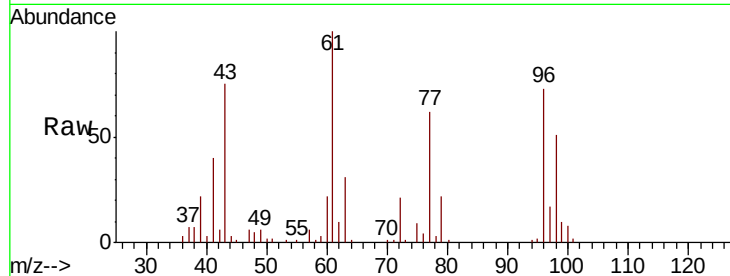
VW1211SBS01

Tgt Ion: 43 Resp: 21014

Ion Ratio Lower Upper

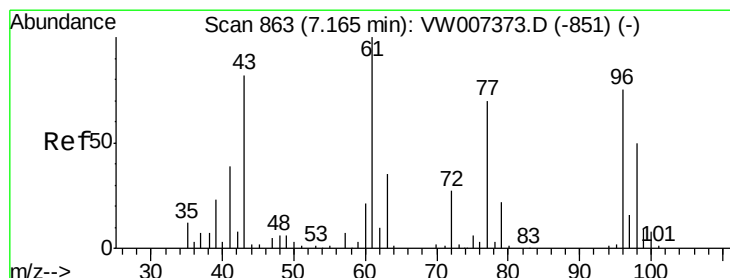
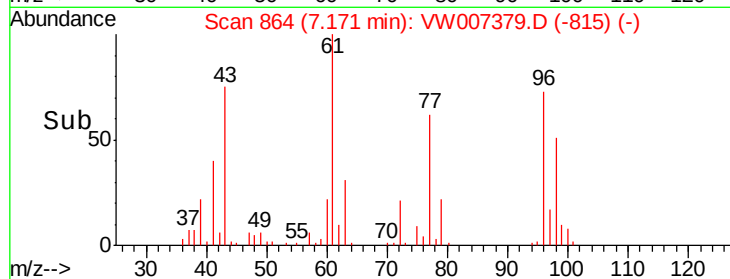
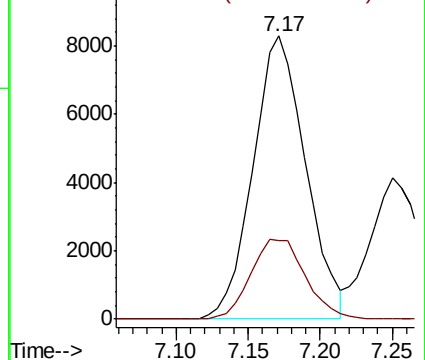
43 100

72 28.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 20.020 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007379.D

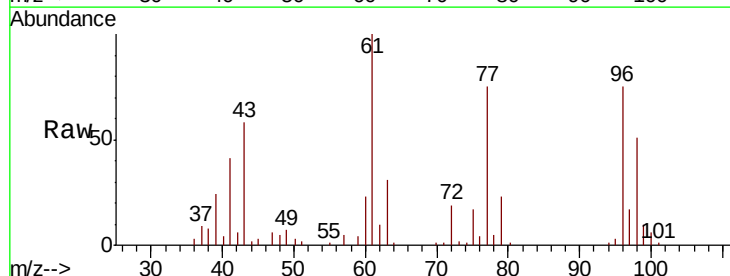
Acq: 11 Dec 2018 03:33

Tgt Ion: 77 Resp: 22019

Ion Ratio Lower Upper

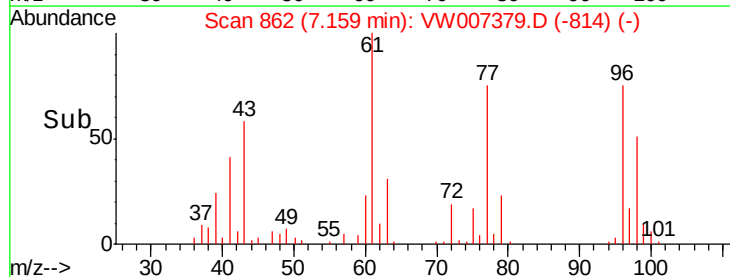
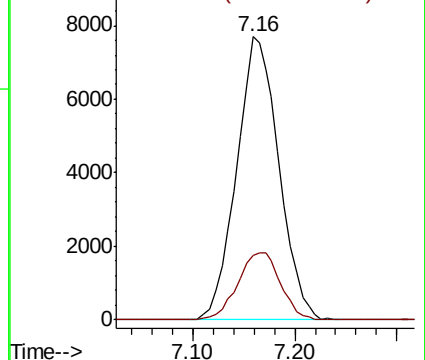
77 100

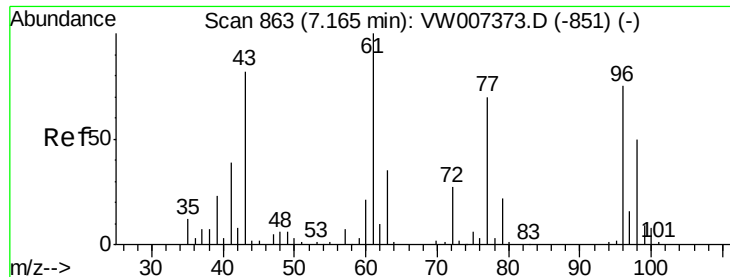
97 24.1 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

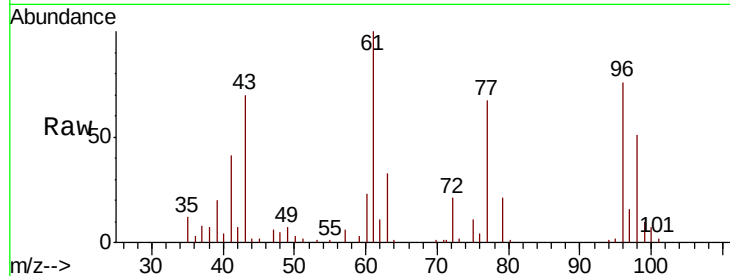




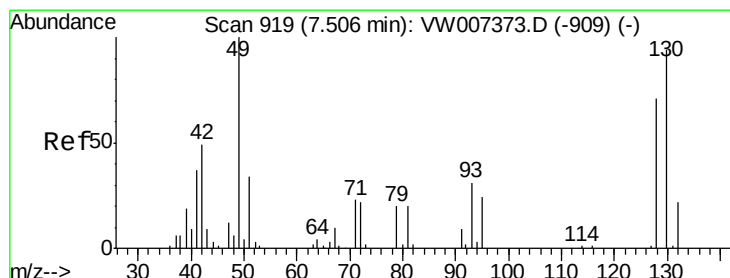
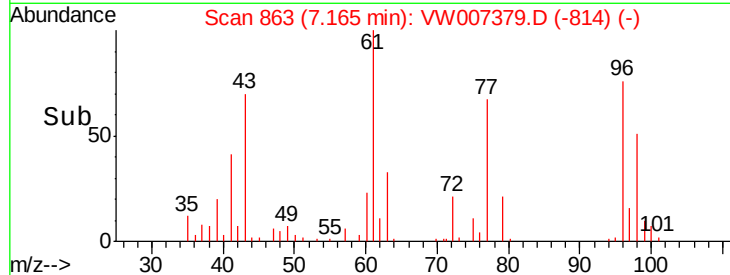
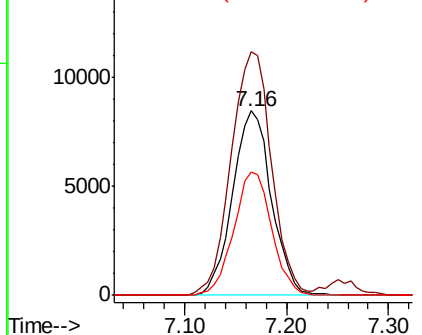
#27
 cis-1,2-Dichloroethene
 Concen: 20.926 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Tgt Ion: 96 Resp: 22244
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 268.4
 98 65.4 0.0 127.8

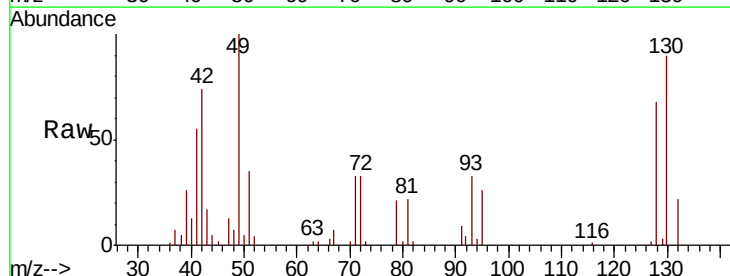


Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW

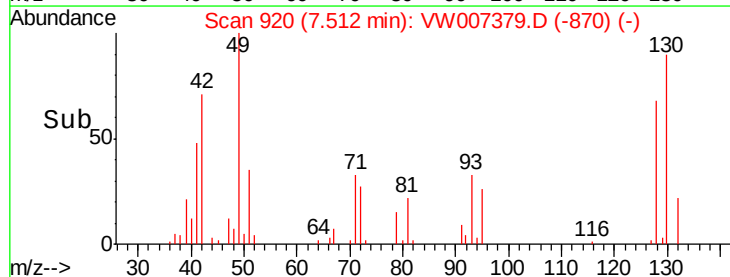
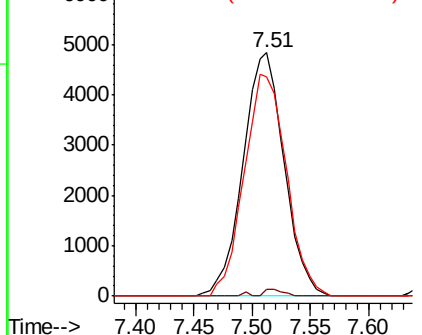


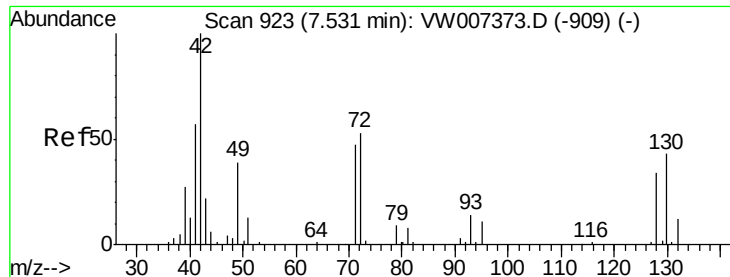
#28
 Bromochloromethane
 Concen: 19.132 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 49 Resp: 11959
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 2.6
 130 93.3 75.9 113.9



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

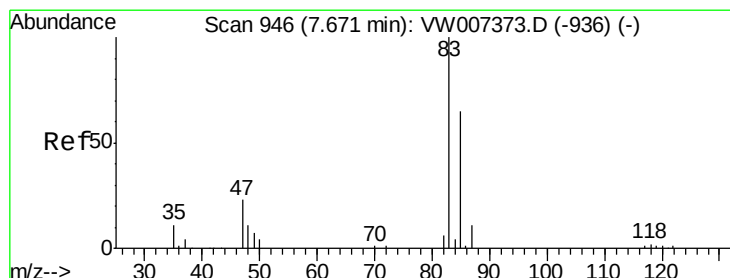
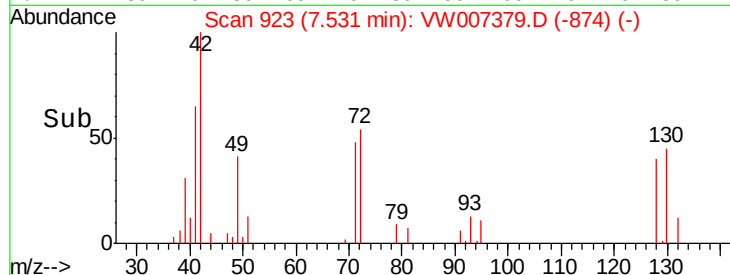
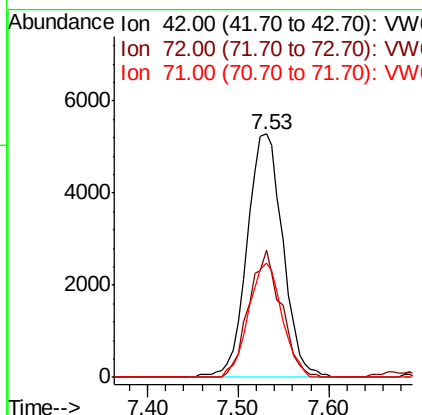
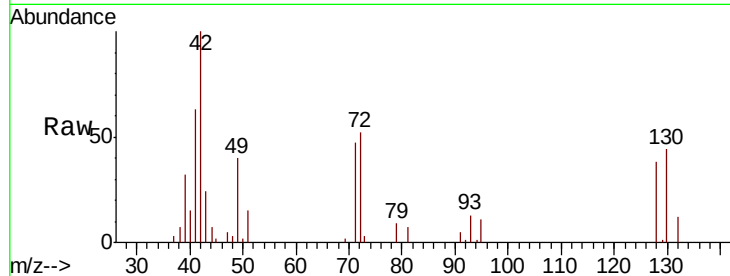




#29
Tetrahydrofuran
Concen: 101.810 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

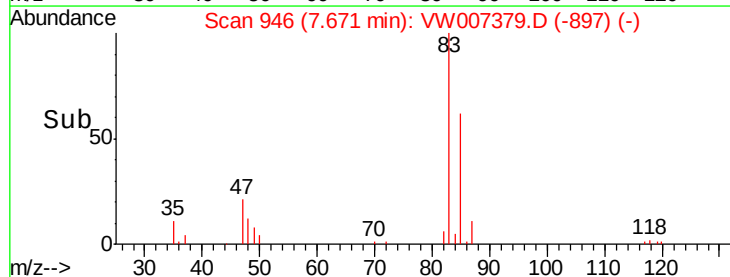
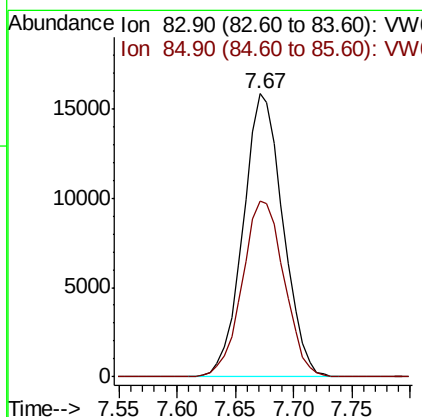
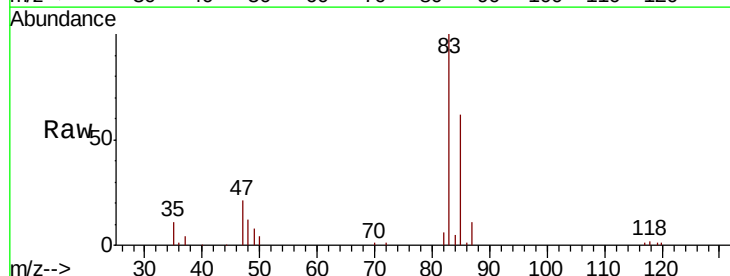
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

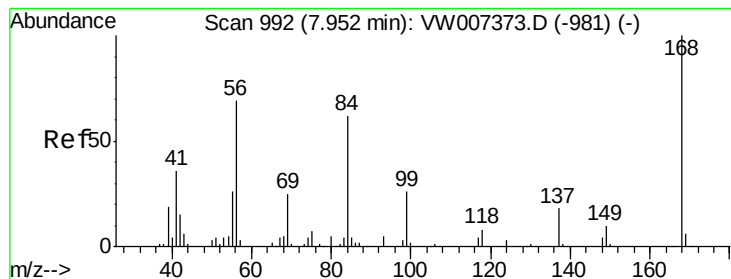
Tgt Ion: 42 Resp: 14425
Ion Ratio Lower Upper
42 100
72 47.2 38.2 57.4
71 44.1 35.5 53.3



#30
Chloroform
Concen: 20.812 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 83 Resp: 37637
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.8





#31

Cyclohexane

Concen: 20.030 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

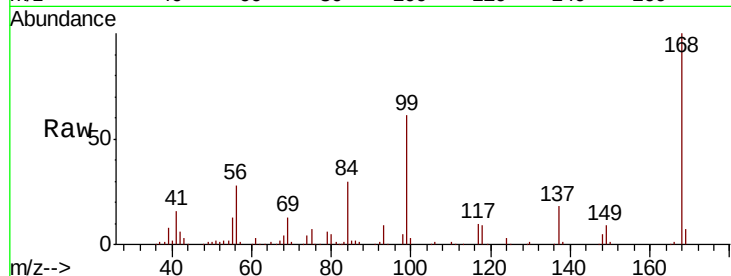
Tgt Ion: 56 Resp: 30539

Ion Ratio Lower Upper

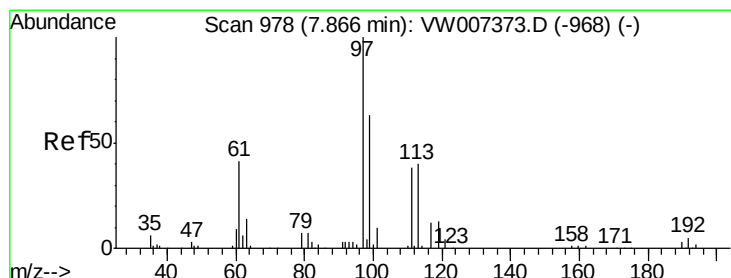
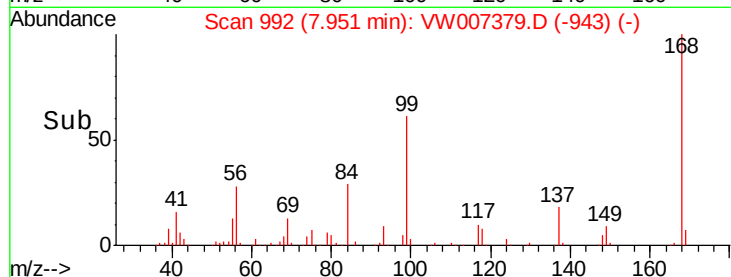
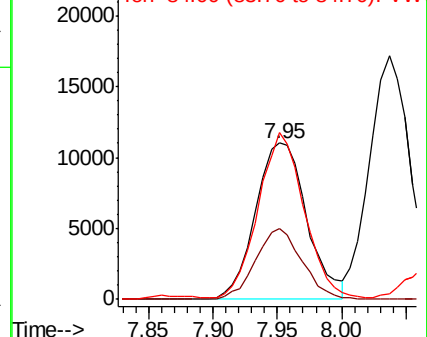
56 100

69 45.4 28.9 43.3#

84 104.3 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 20.600 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

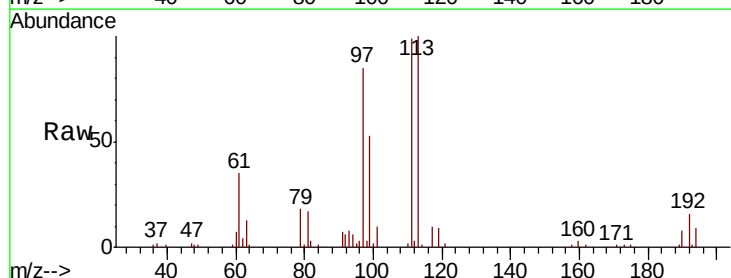
Tgt Ion: 97 Resp: 32670

Ion Ratio Lower Upper

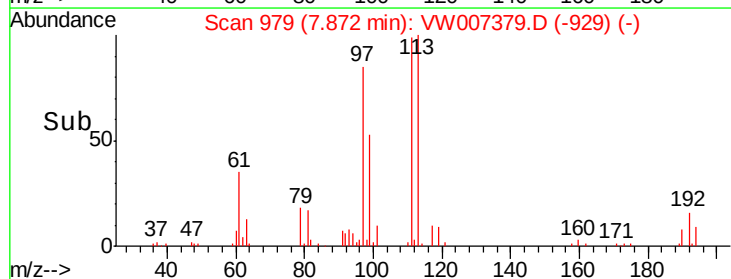
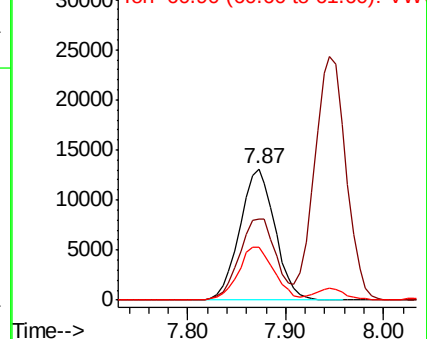
97 100

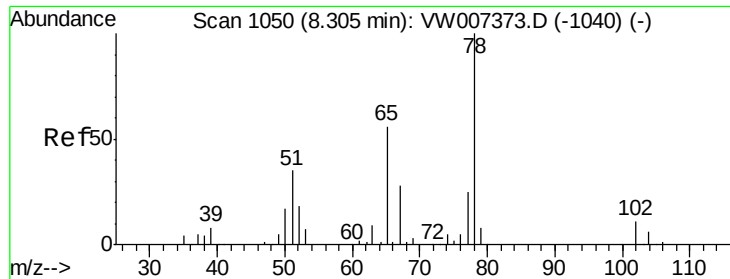
99 65.3 51.1 76.7

61 41.1 33.2 49.8



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

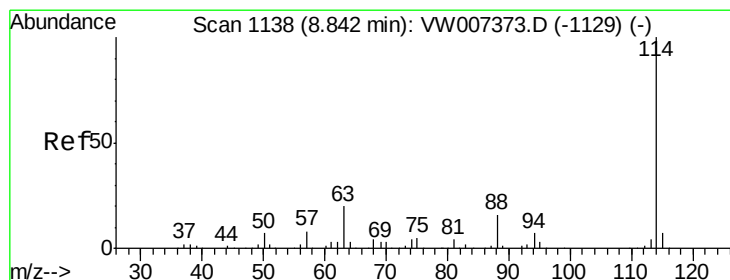
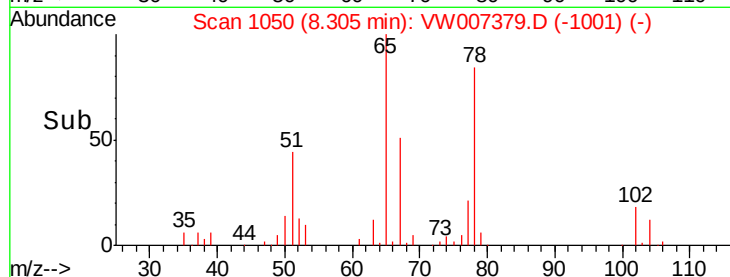
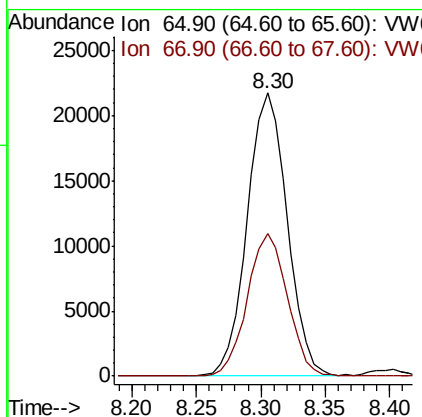
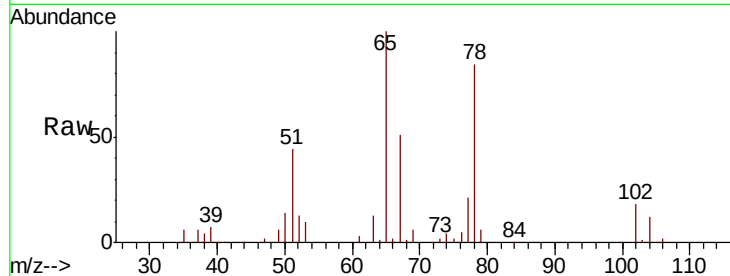




#33
 1,2-Dichloroethane-d4
 Concen: 47.512 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

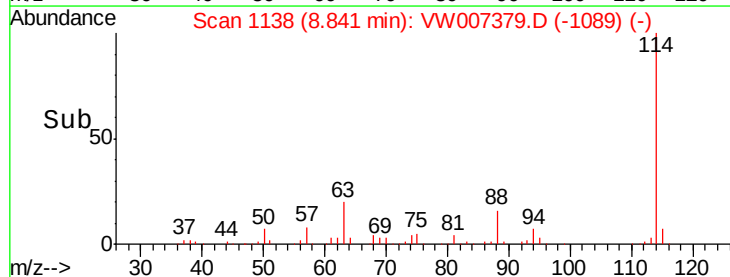
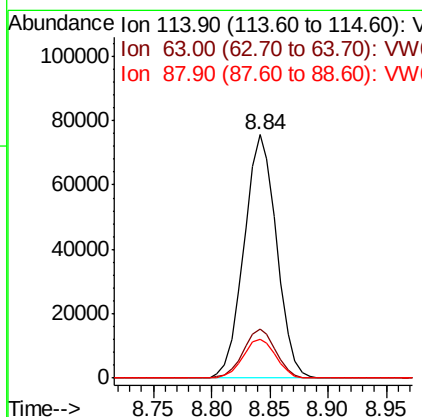
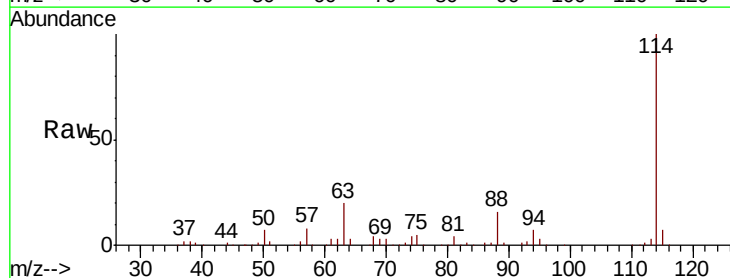
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

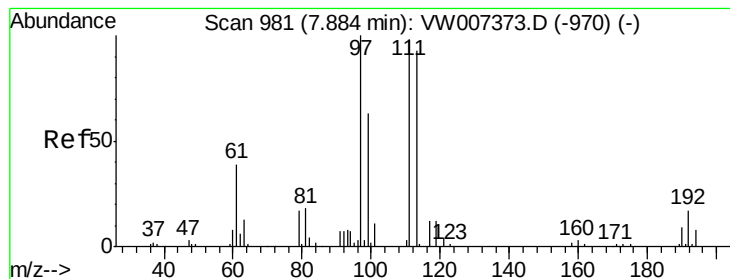
Tgt Ion: 65 Resp: 46632
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 114 Resp: 147136
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.666 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

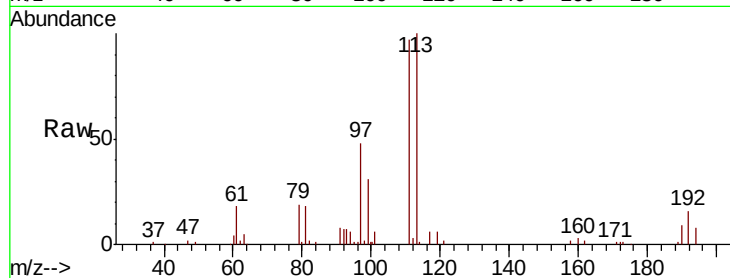
Tgt Ion: 113 Resp: 45127

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

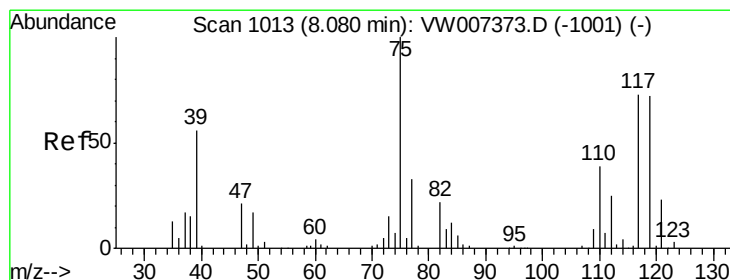
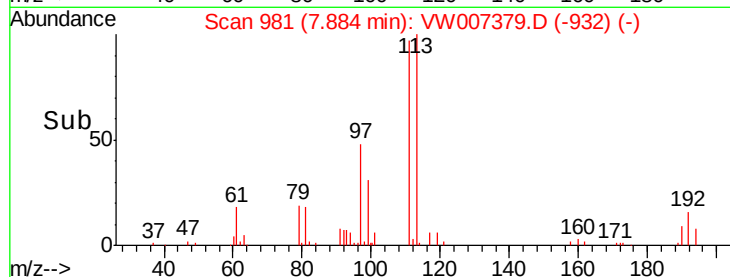
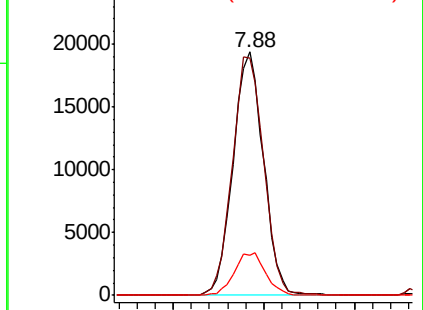
192 17.8 14.6 21.8



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: 21.043 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

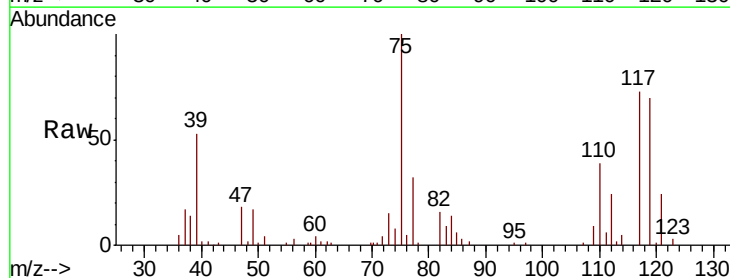
Tgt Ion: 75 Resp: 28244

Ion Ratio Lower Upper

75 100

110 36.9 18.5 55.5

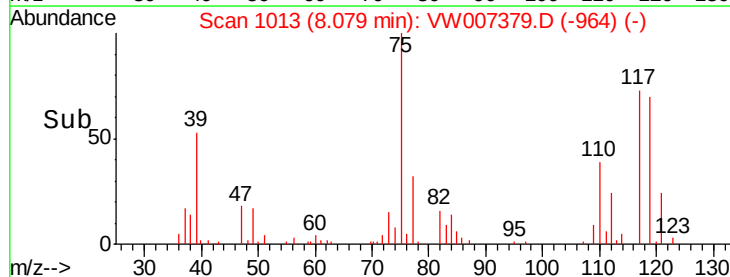
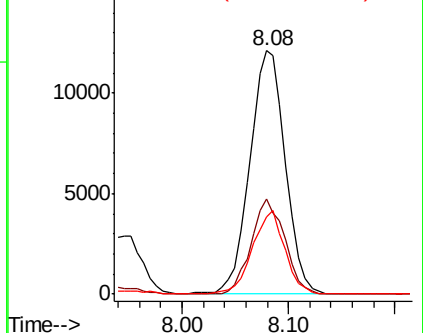
77 31.3 25.6 38.4

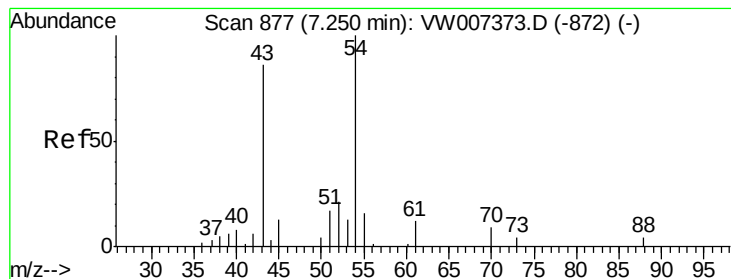


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 21.389 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampled :

VW1211SBS01

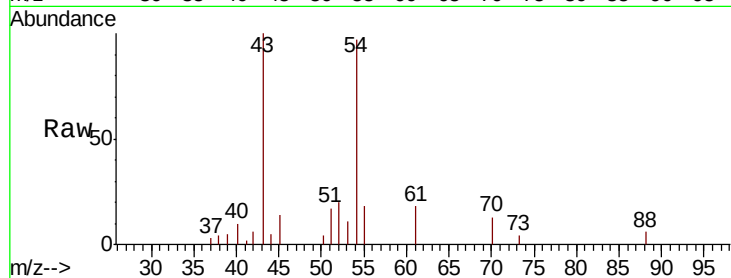
Tgt Ion: 43 Resp: 10678

Ion Ratio Lower Upper

43 100

61 13.7 12.1 18.1

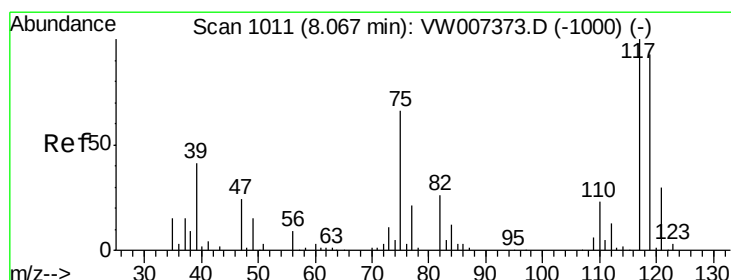
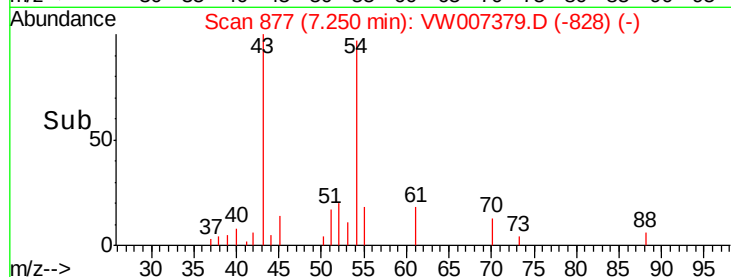
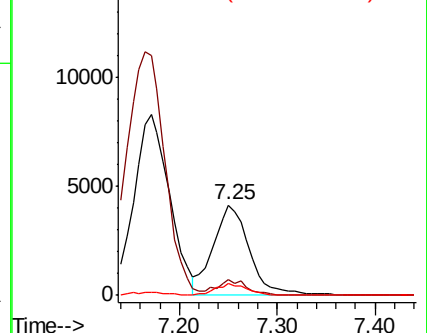
70 10.8 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 21.018 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

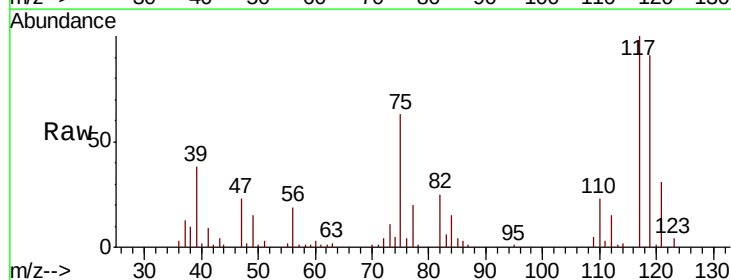
Tgt Ion: 117 Resp: 30695

Ion Ratio Lower Upper

117 100

119 90.8 74.3 111.5

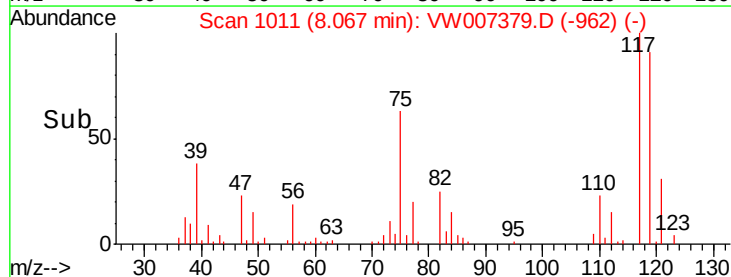
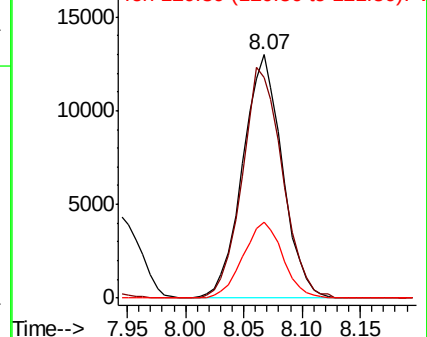
121 31.0 24.3 36.5

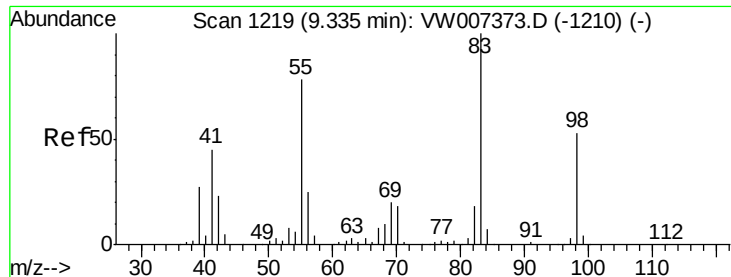


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

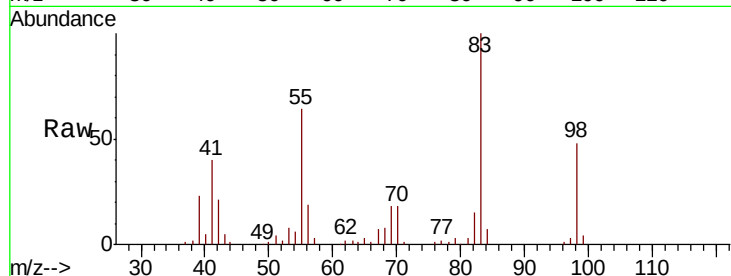




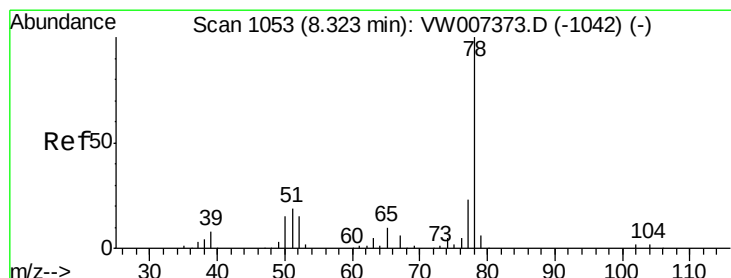
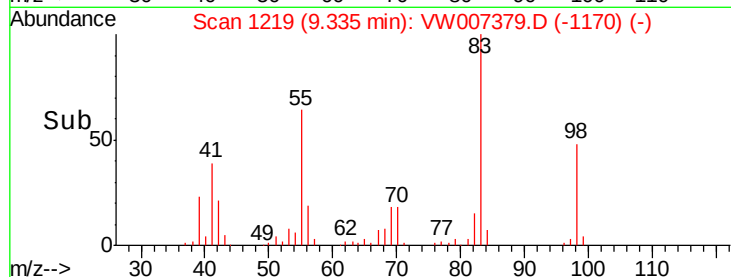
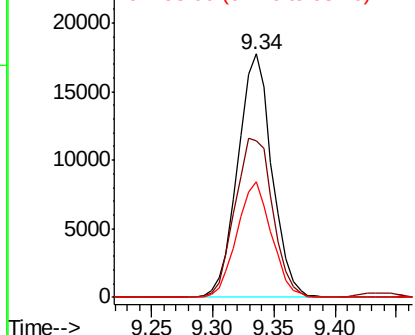
#39
Methylcyclohexane
Concen: 21.229 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Tgt Ion: 83 Resp: 34503
Ion Ratio Lower Upper
83 100
55 64.1 62.8 94.2
98 47.6 42.2 63.2

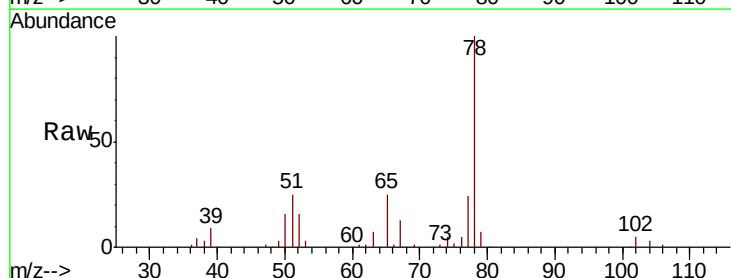


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

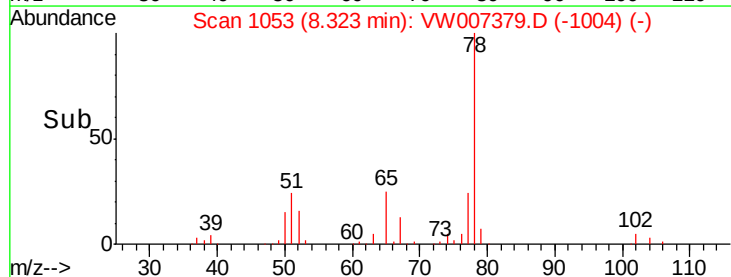
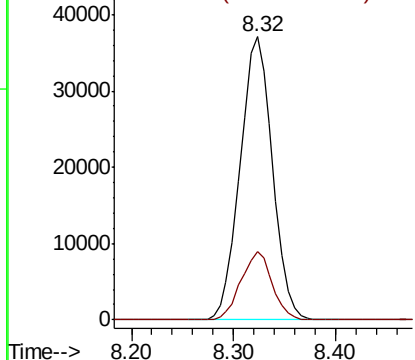


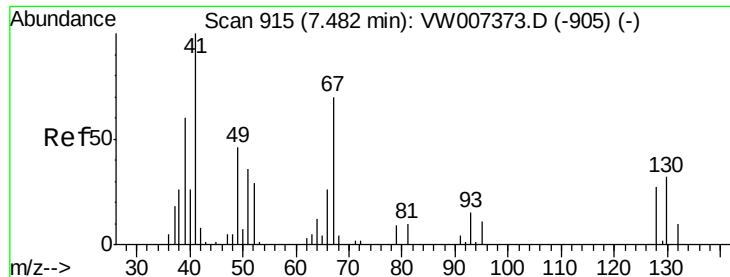
#40
Benzene
Concen: 21.888 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 78 Resp: 81531
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



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

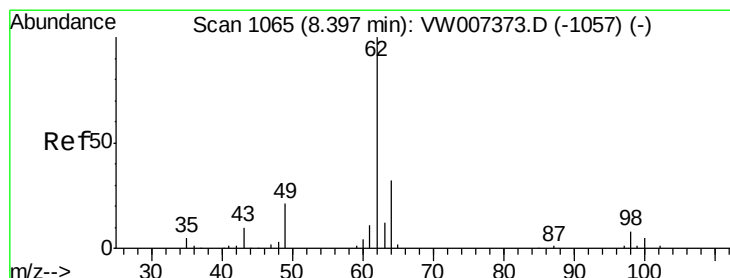
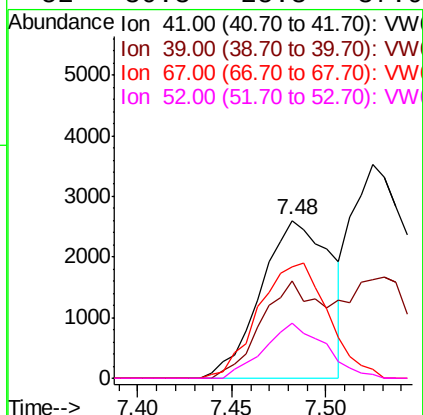
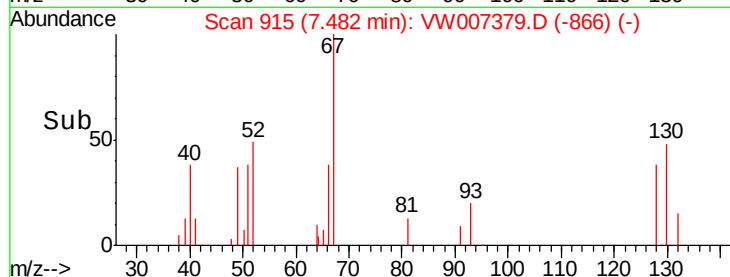
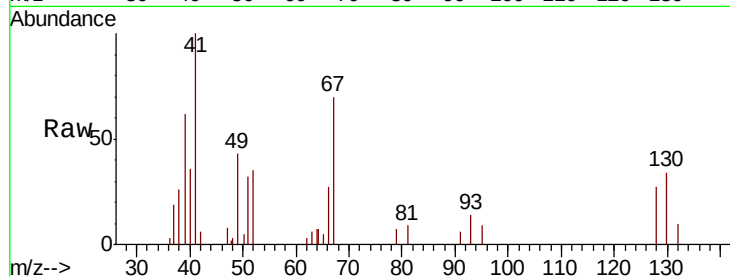




#41
Methacrylonitrile
Concen: 23.593 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

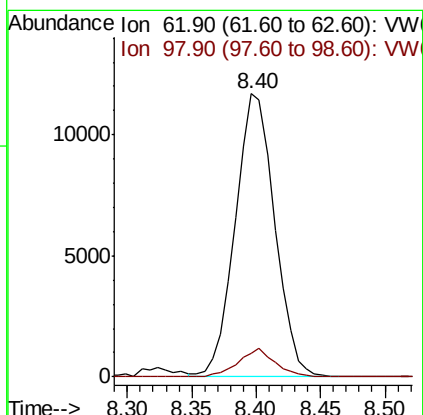
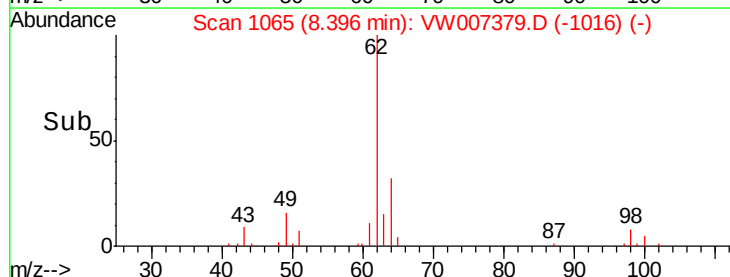
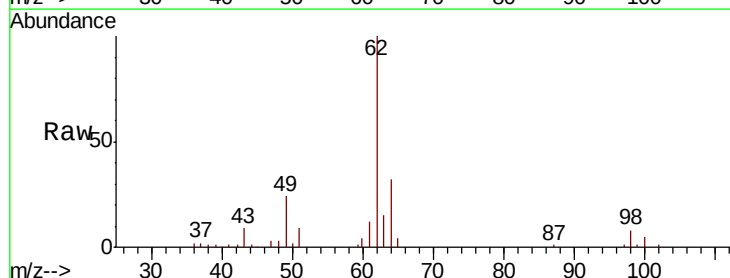
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

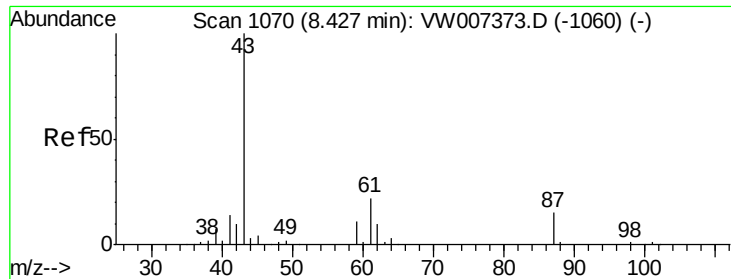
Tgt Ion: 41 Resp: 6707
Ion Ratio Lower Upper
41 100
39 51.9 52.2 78.2#
67 72.2 60.5 90.7
52 30.3 25.3 37.9



#42
1,2-Dichloroethane
Concen: 21.297 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 62 Resp: 24920
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 21.449 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

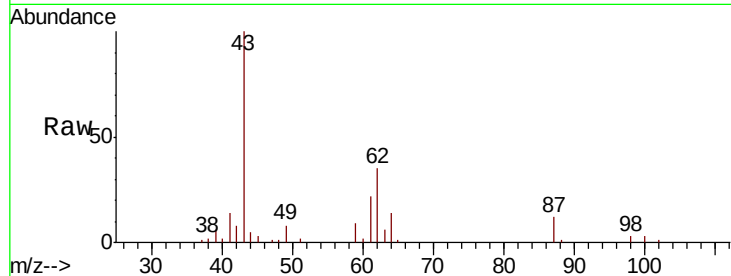
Tgt Ion: 43 Resp: 21151

Ion Ratio Lower Upper

43 100

61 30.6 25.3 37.9

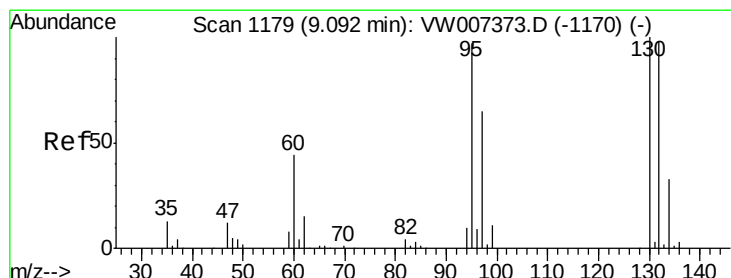
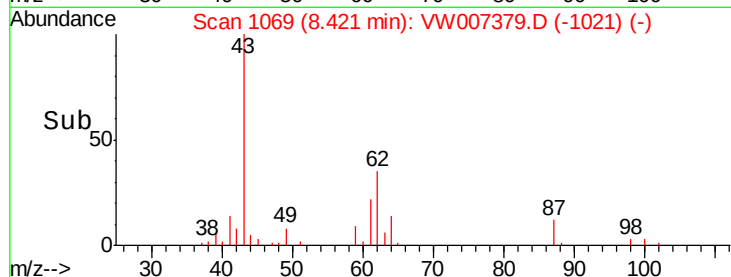
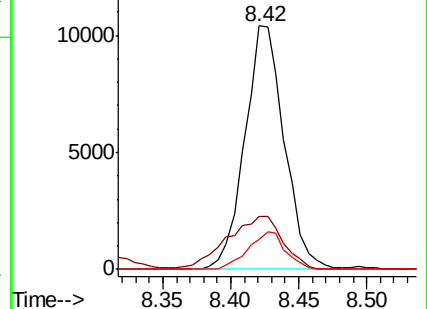
87 14.5 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 22.128 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007379.D

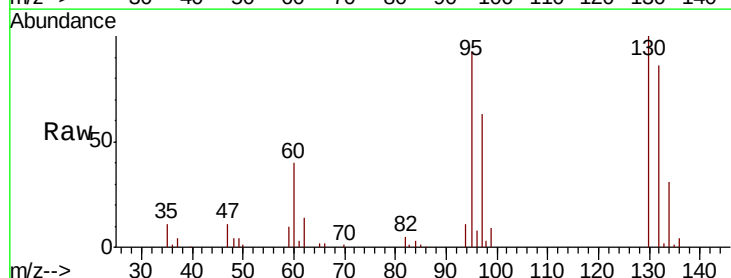
Acq: 11 Dec 2018 03:33

Tgt Ion: 130 Resp: 23537

Ion Ratio Lower Upper

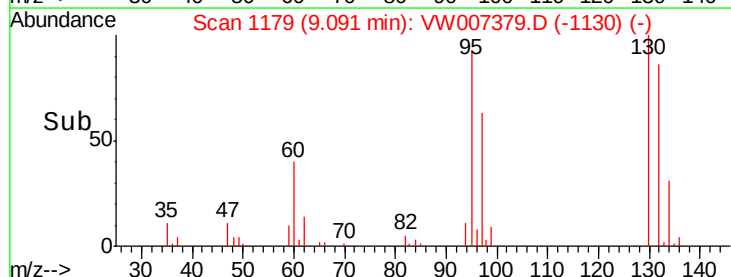
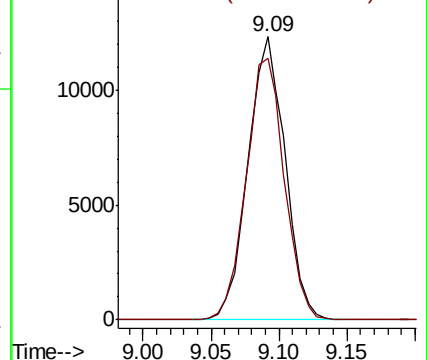
130 100

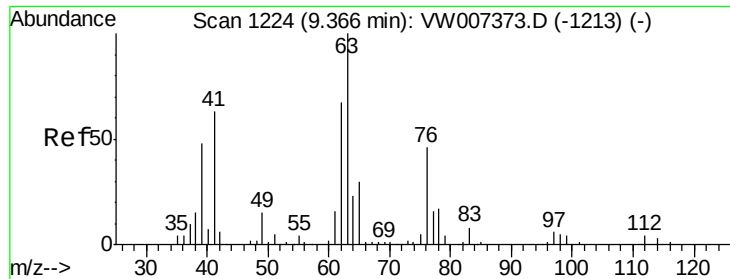
95 92.6 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

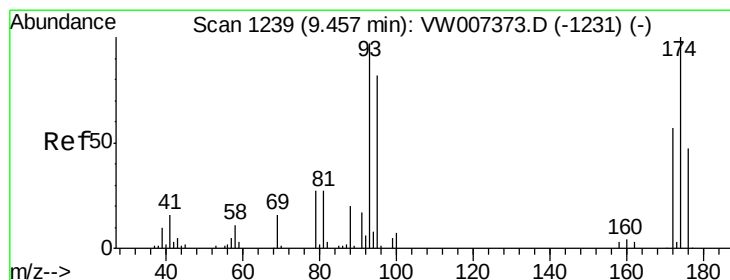
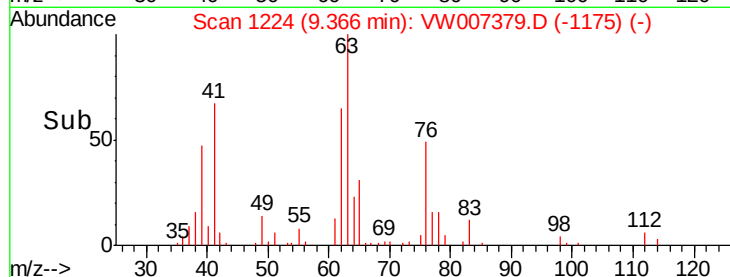
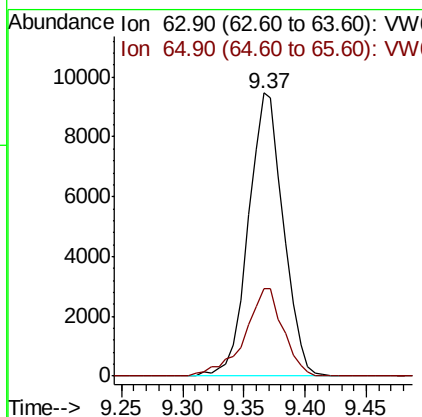
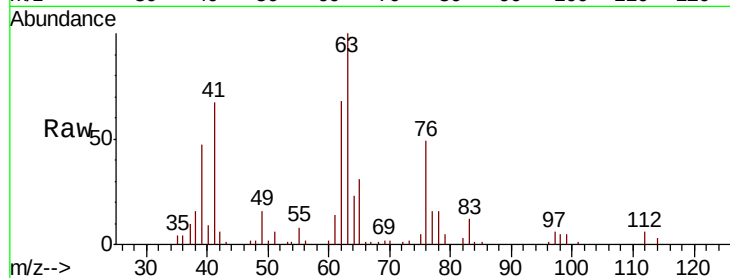




#45
 1,2-Dichloropropane
 Concen: 21.807 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

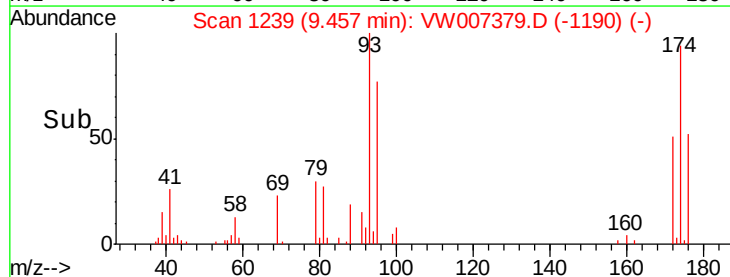
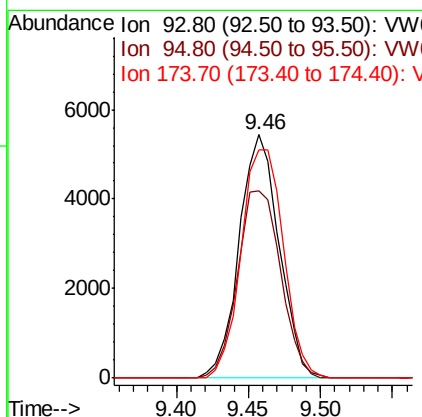
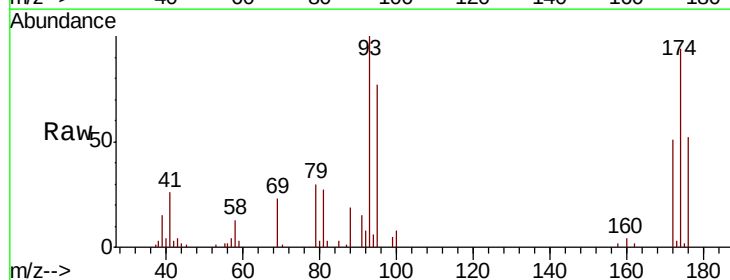
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

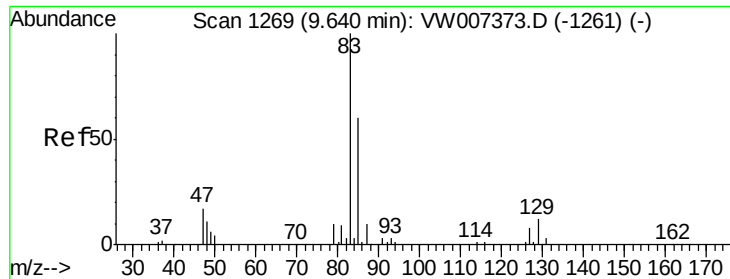
Tgt Ion: 63 Resp: 18797
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.4 36.6



#46
 Dibromomethane
 Concen: 21.364 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 93 Resp: 10458
 Ion Ratio Lower Upper
 93 100
 95 83.1 68.0 102.0
 174 99.5 83.2 124.8





#47

Bromodichloromethane

Concen: 21.533 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

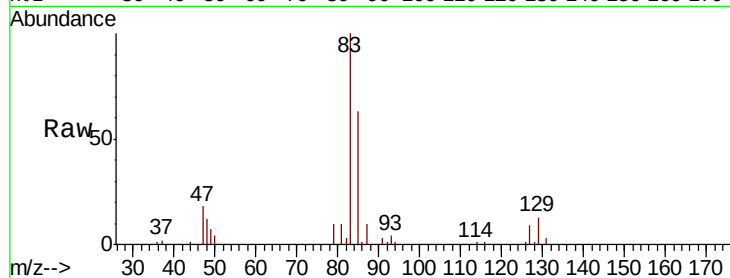
Tgt Ion: 83 Resp: 27648

Ion Ratio Lower Upper

83 100

85 63.1 47.6 71.4

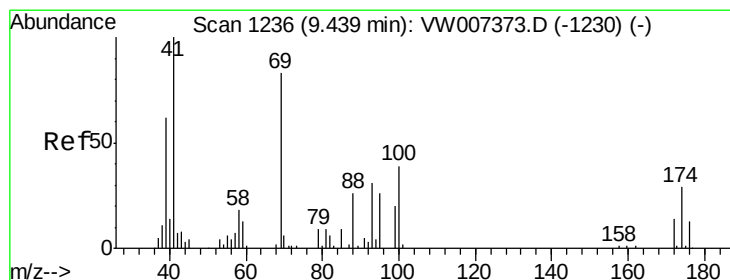
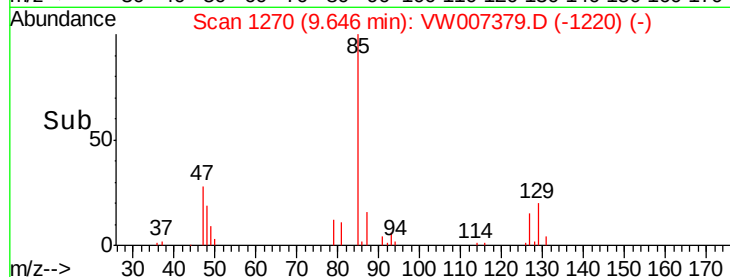
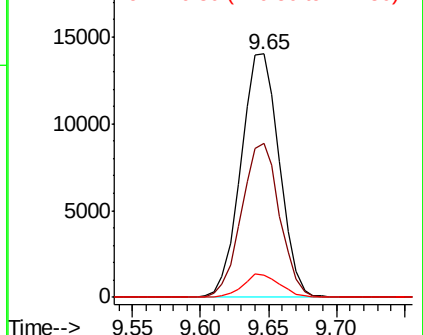
127 9.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 20.999 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

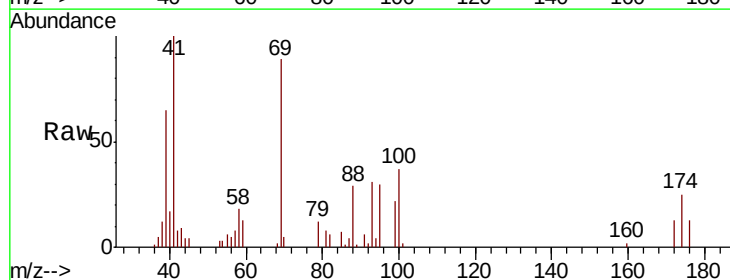
Tgt Ion: 41 Resp: 10635

Ion Ratio Lower Upper

41 100

69 86.0 69.8 104.8

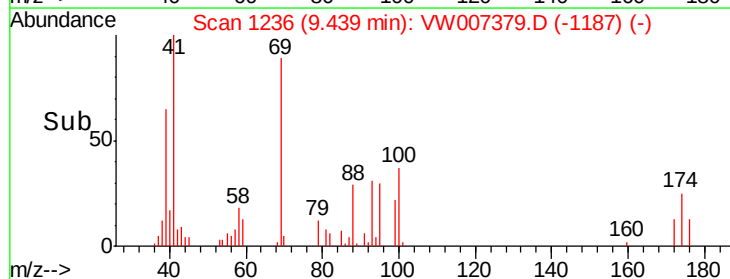
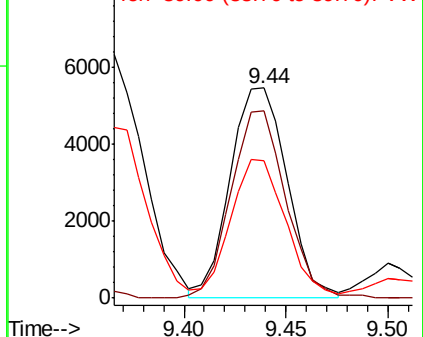
39 60.3 50.9 76.3

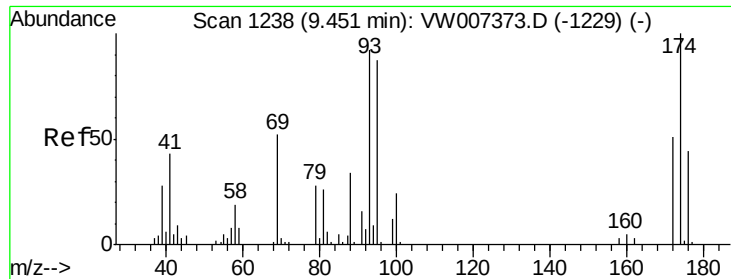


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

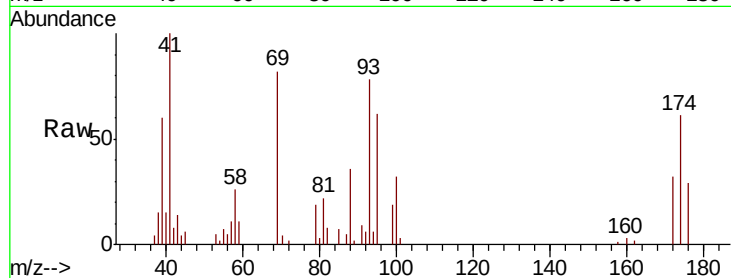




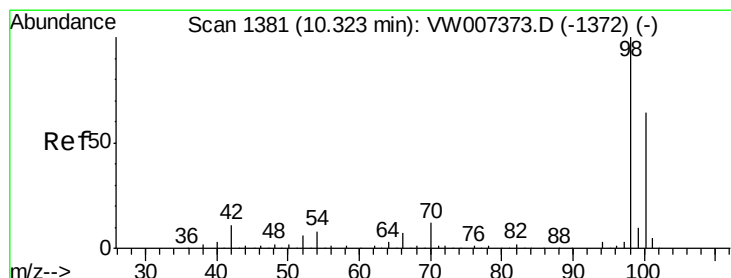
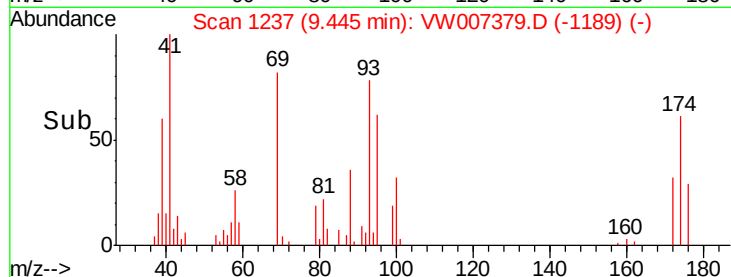
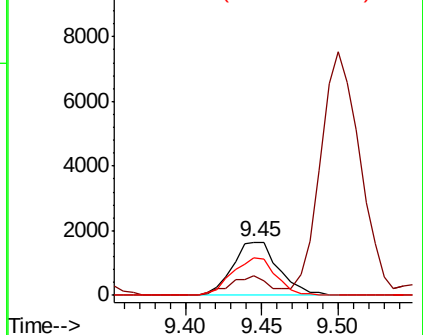
#49
 1,4-Dioxane
 Concen: 429.958 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Tgt Ion: 88 Resp: 3415
 Ion Ratio Lower Upper
 88 100
 43 31.6 25.0 37.4
 58 67.0 51.4 77.2

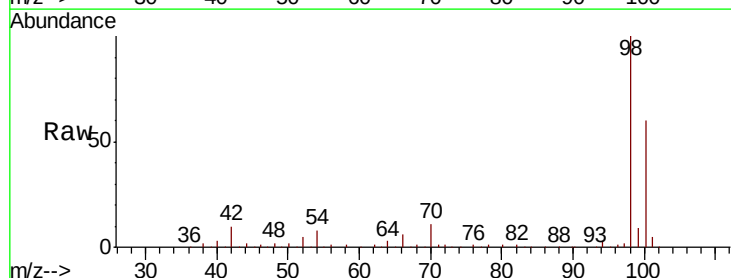


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

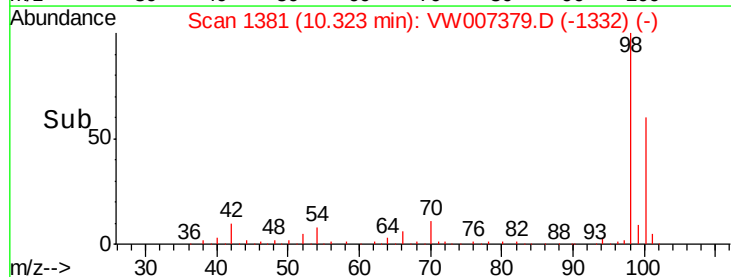
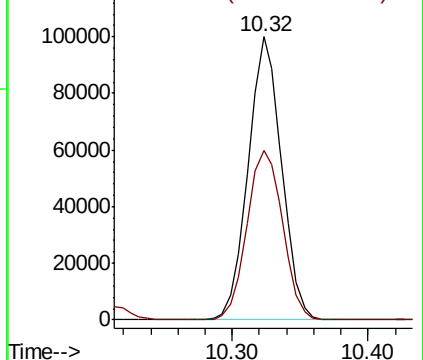


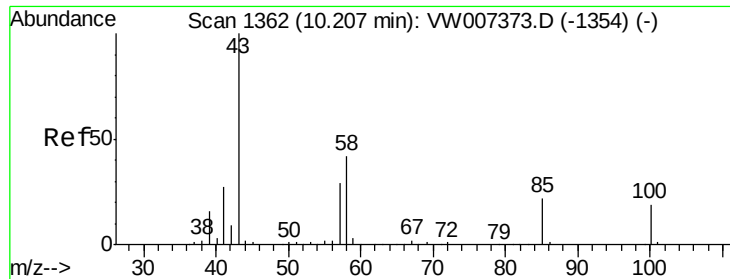
#50
 Toluene-d8
 Concen: 51.521 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 98 Resp: 172055
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.8 77.8



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

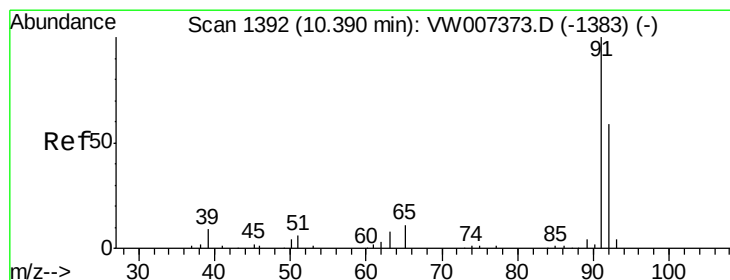
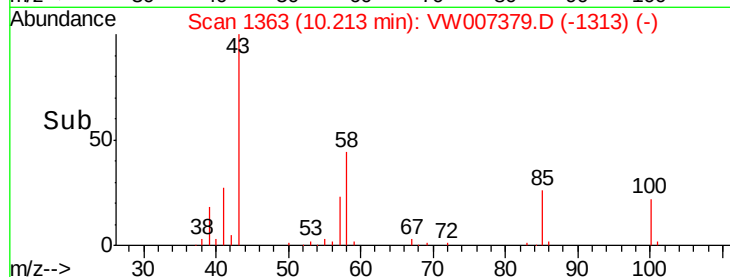
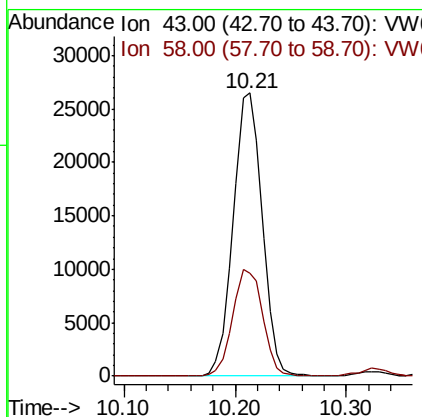
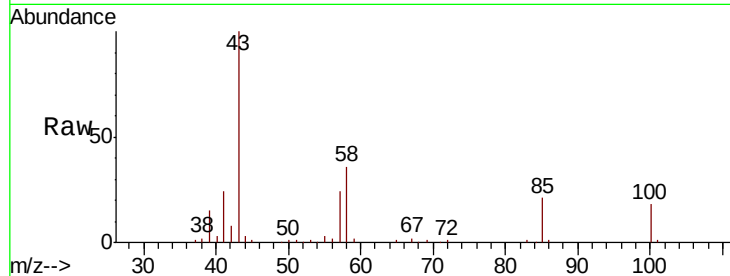




#51
 4-Methyl-2-Pentanone
 Concen: 102.917 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

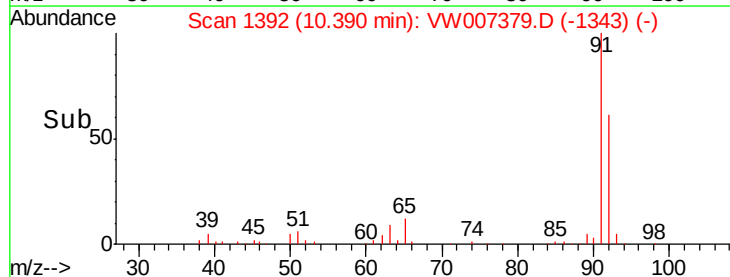
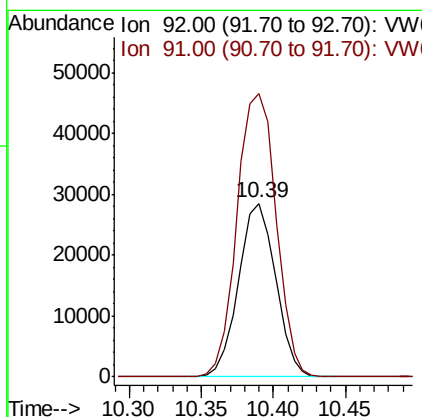
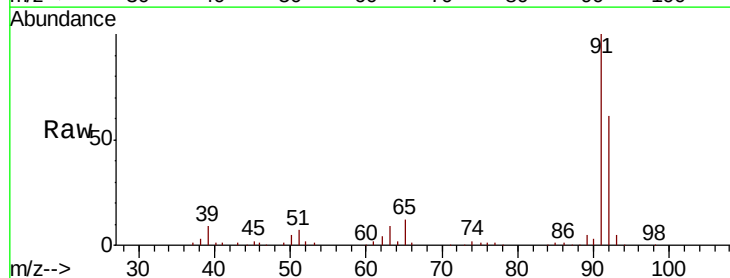
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

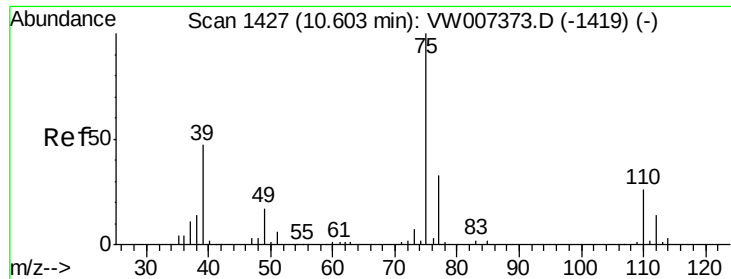
Tgt Ion: 43 Resp: 47953
 Ion Ratio Lower Upper
 43 100
 58 38.9 33.1 49.7



#52
 Toluene
 Concen: 21.148 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 92 Resp: 50979
 Ion Ratio Lower Upper
 92 100
 91 172.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 21.460 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

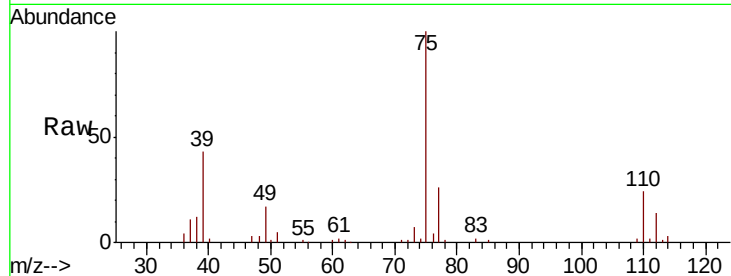
VW1211SBS01

Tgt Ion: 75 Resp: 26751

Ion Ratio Lower Upper

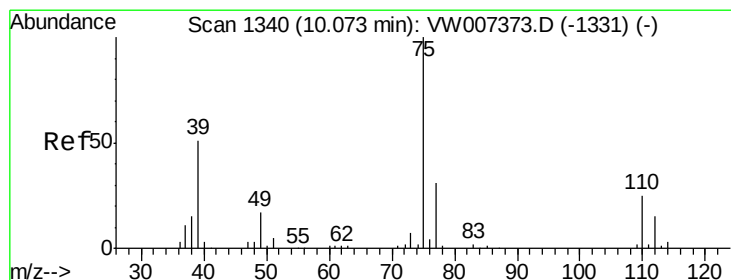
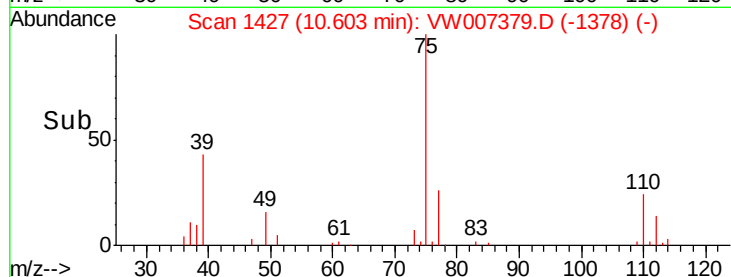
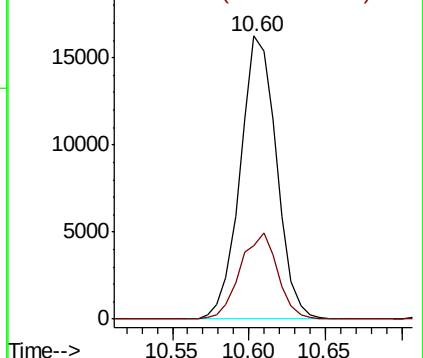
75 100

77 25.9 26.2 39.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.372 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

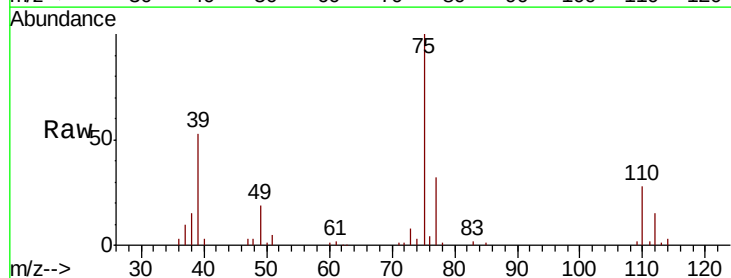
Tgt Ion: 75 Resp: 30797

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

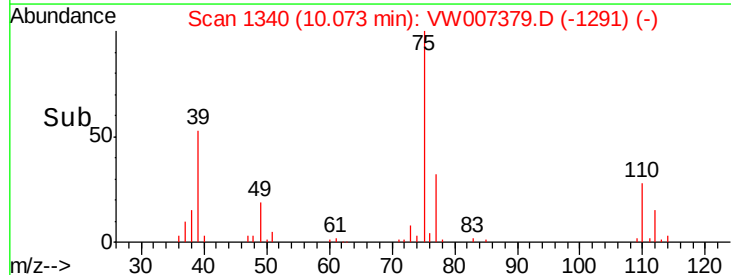
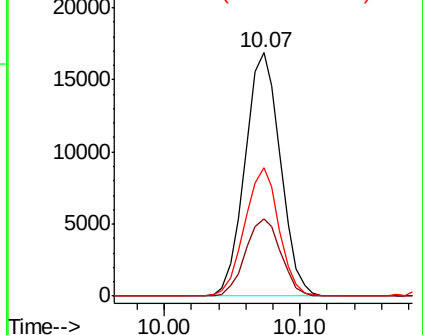
39 52.6 40.9 61.3

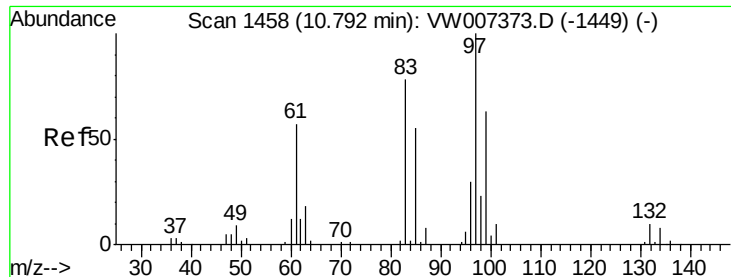


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

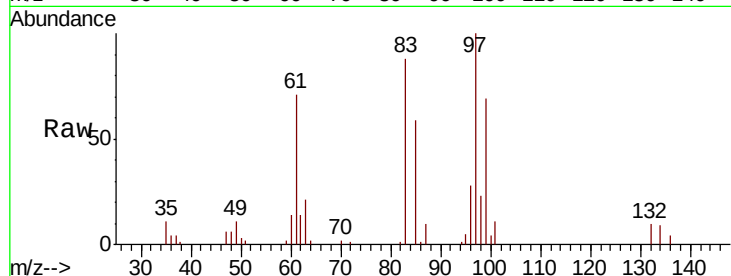




#55
 1,1,2-Trichloroethane
 Concen: 21.320 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Tgt Ion:	97	Resp:	14204
Ion	Ratio	Lower	Upper
97	100		
83	88.0	62.1	93.1
85	59.2	44.2	66.4
99	68.9	50.2	75.4



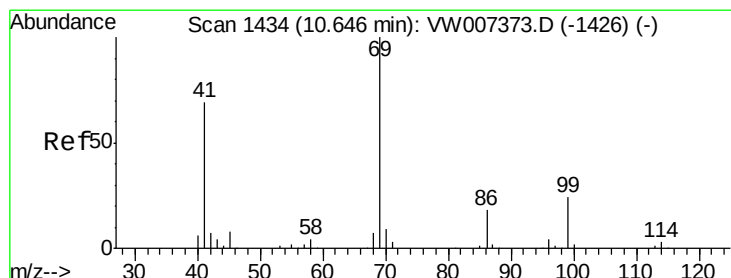
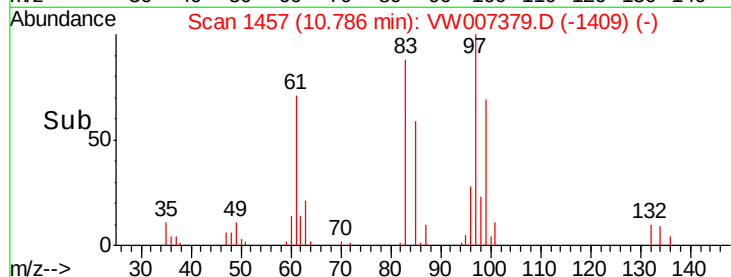
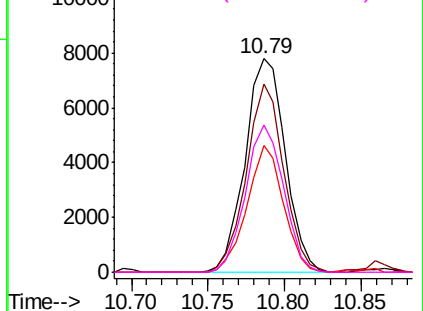
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

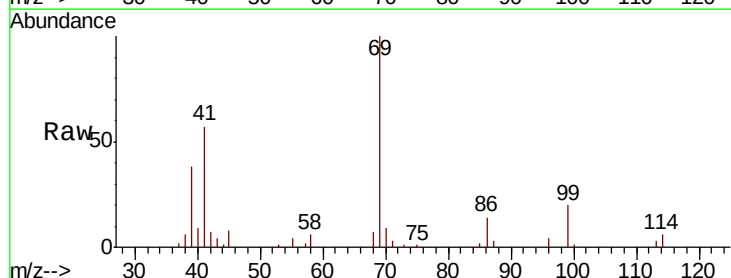
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 21.513 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion:	69	Resp:	17227
Ion	Ratio	Lower	Upper
69	100		
41	58.1	51.0	76.6
39	37.1	30.8	46.2

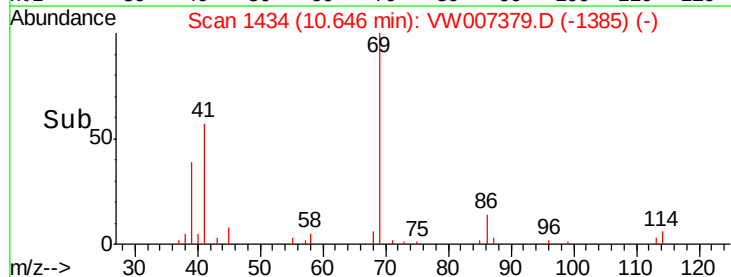
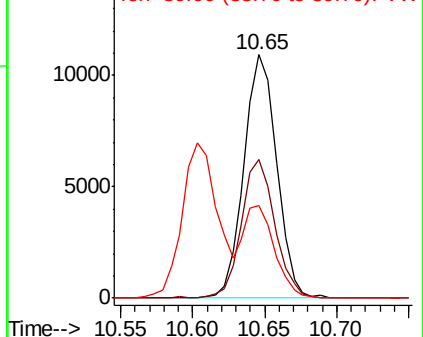


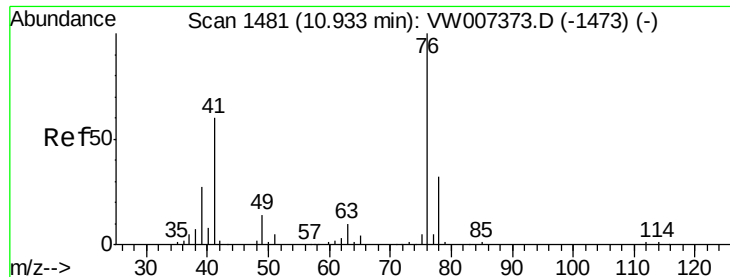
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.949 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

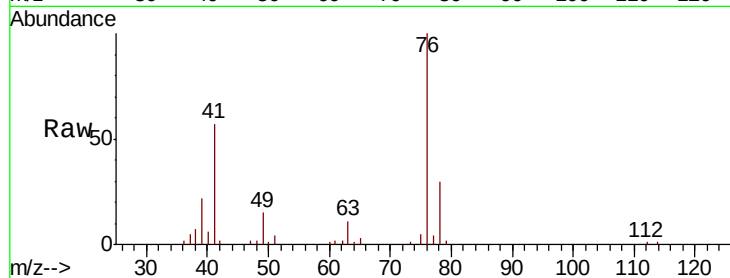
VW1211SBS01

Tgt Ion: 76 Resp: 24001

Ion Ratio Lower Upper

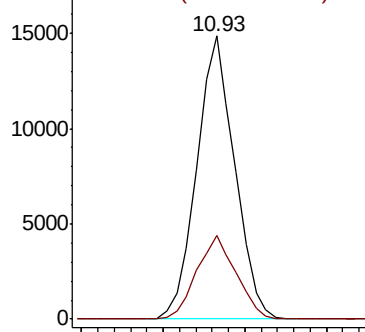
76 100

78 30.8 26.2 39.4

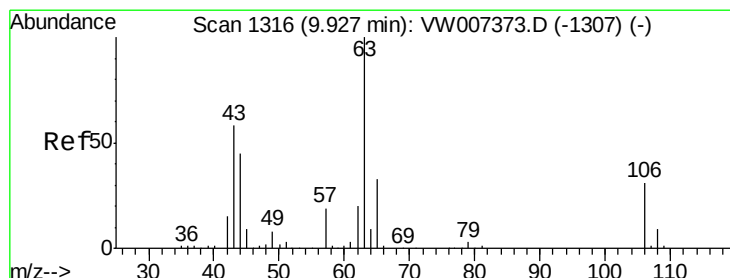
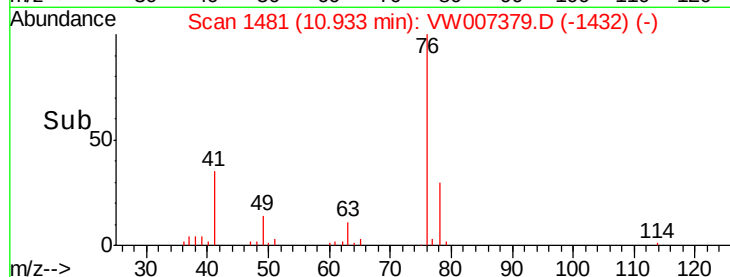


Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 87.111 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007379.D

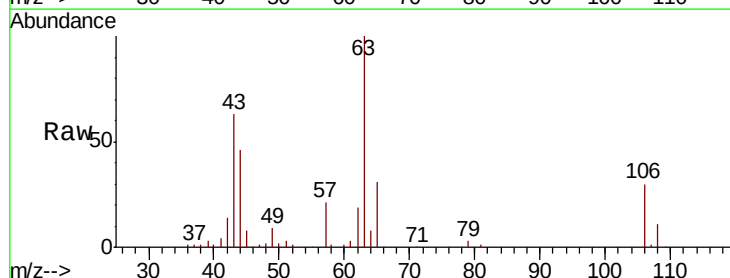
Acq: 11 Dec 2018 03:33

Tgt Ion: 63 Resp: 32168

Ion Ratio Lower Upper

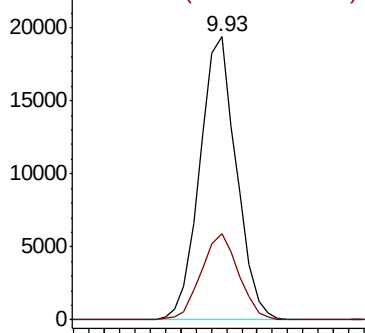
63 100

106 31.2 25.0 37.6

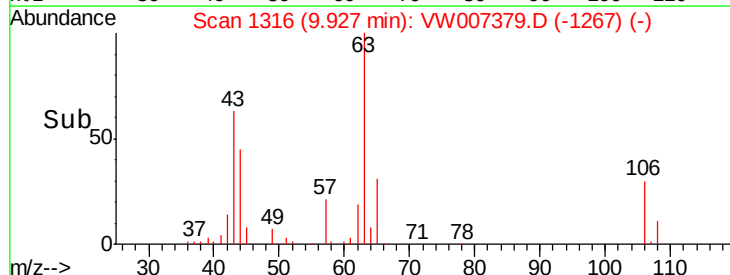


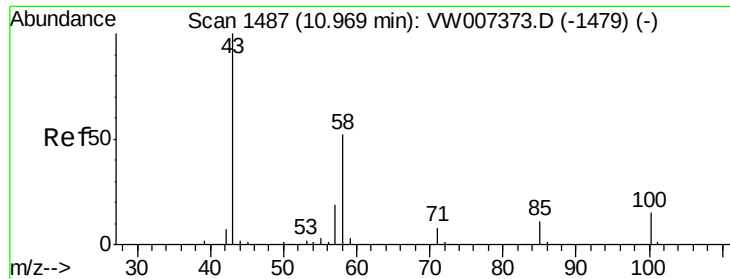
Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V



Time-->

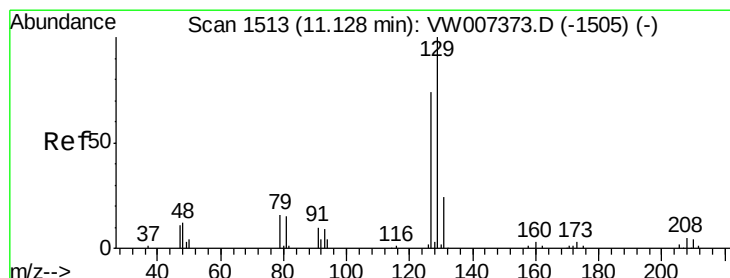
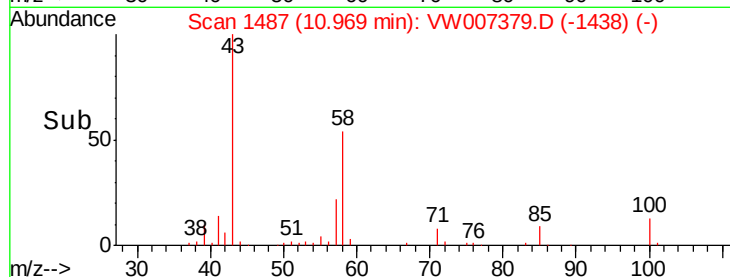
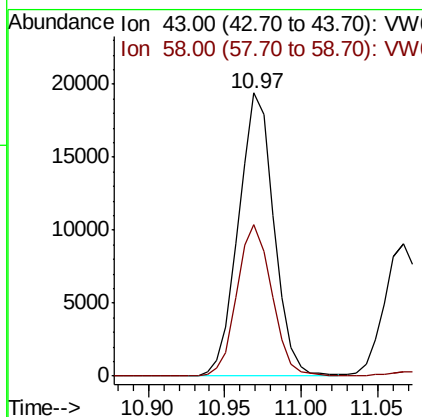
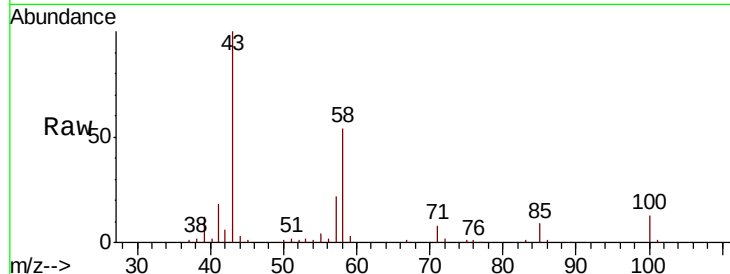




#59
2-Hexanone
Concen: 100.512 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

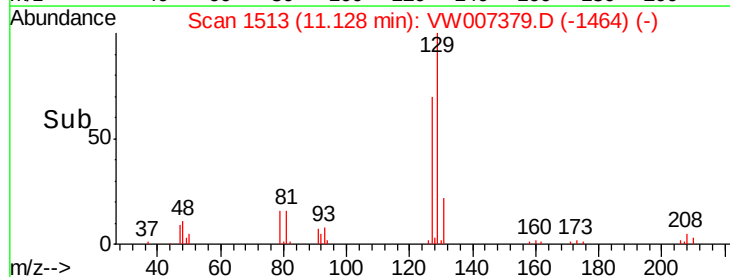
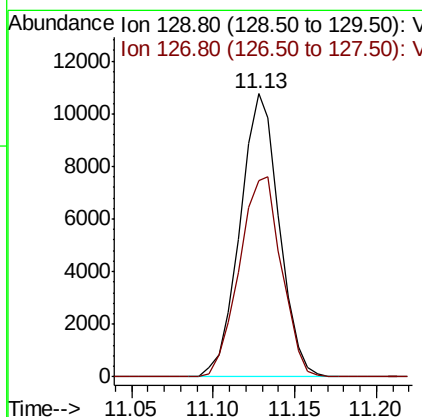
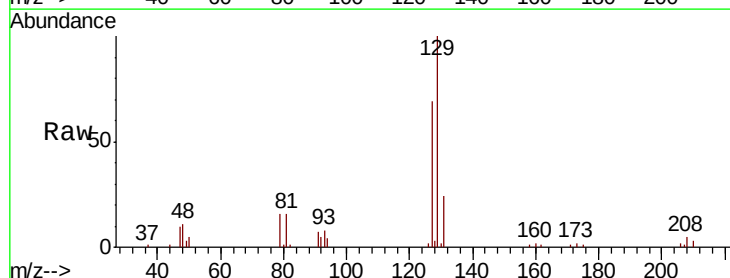
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

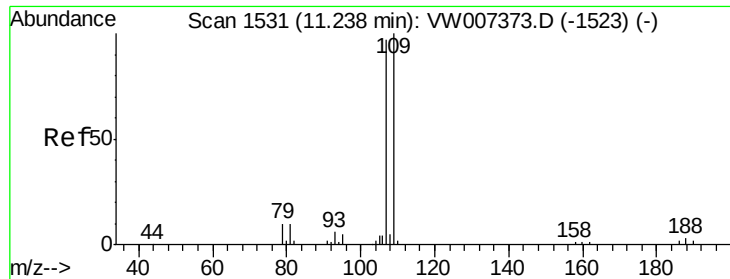
Tgt Ion: 43 Resp: 31228
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3



#60
Dibromochloromethane
Concen: 21.367 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 129 Resp: 17965
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.526 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

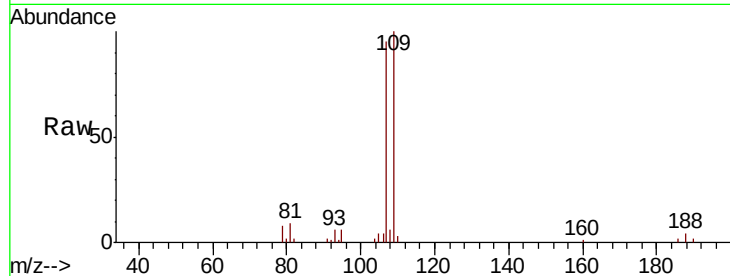
VW1211SBS01

Tgt Ion: 107 Resp: 13514

Ion Ratio Lower Upper

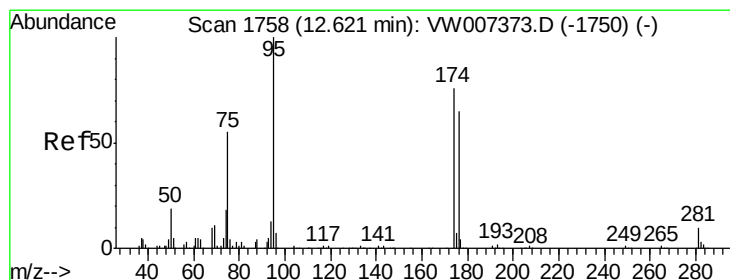
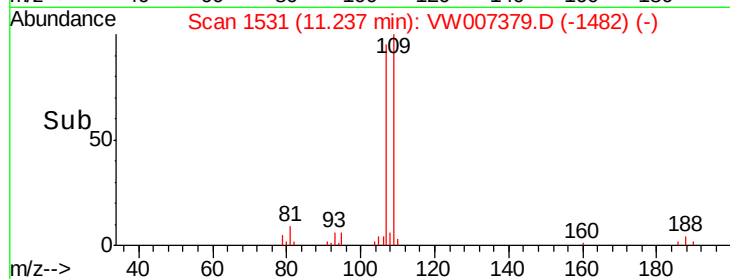
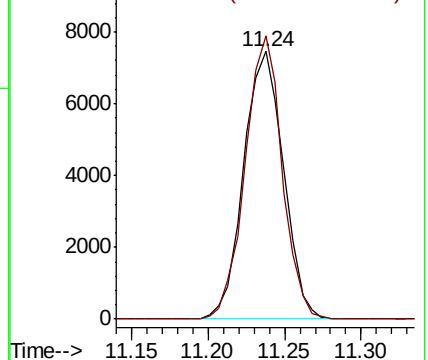
107 100

109 97.8 79.1 118.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.085 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

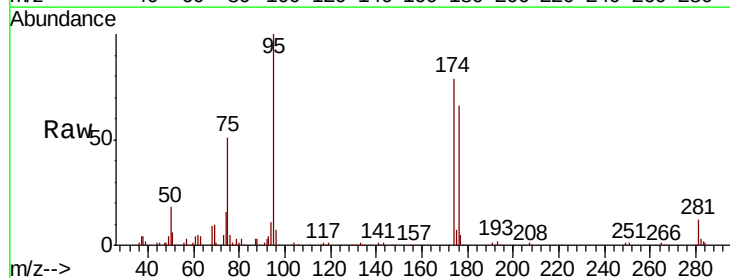
Tgt Ion: 95 Resp: 62725

Ion Ratio Lower Upper

95 100

174 78.1 0.0 147.2

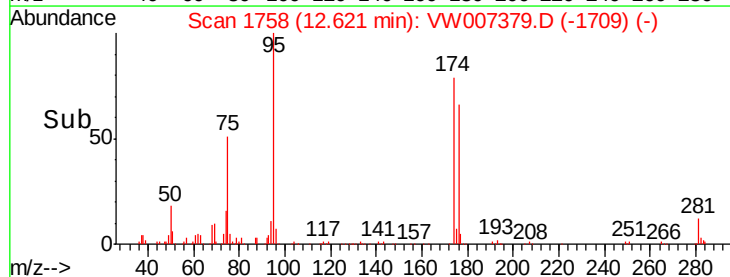
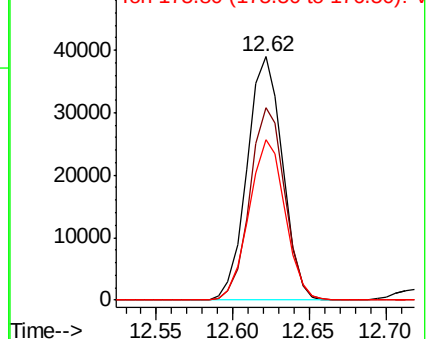
176 67.3 0.0 138.8

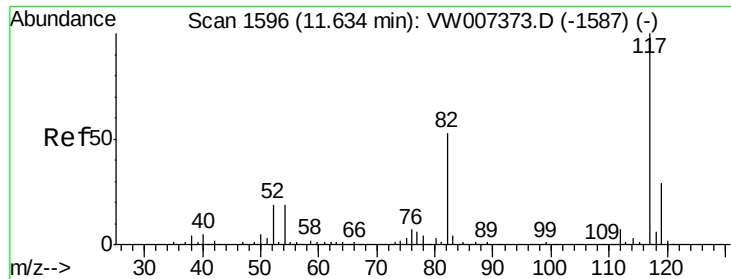


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

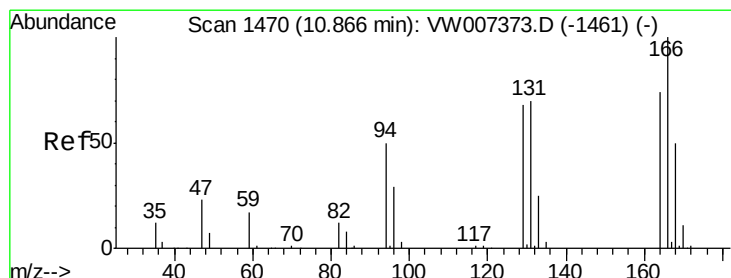
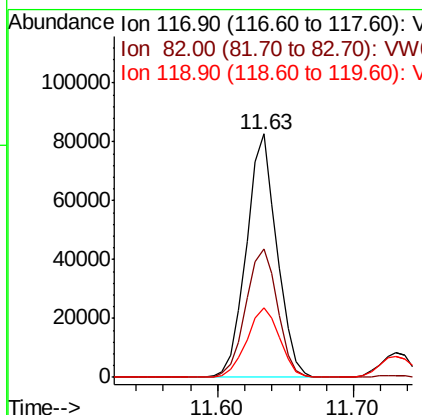
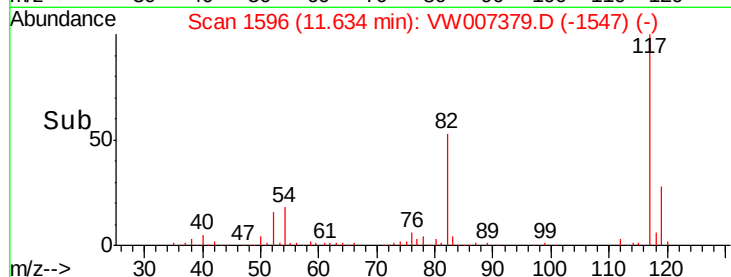
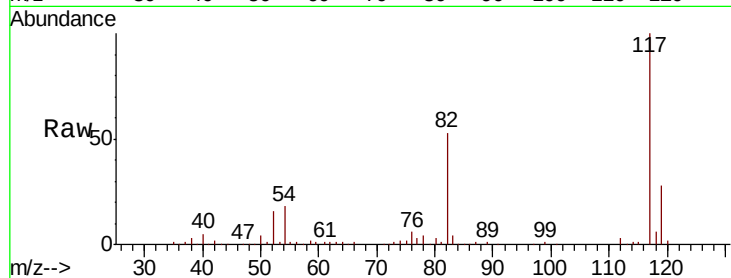




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

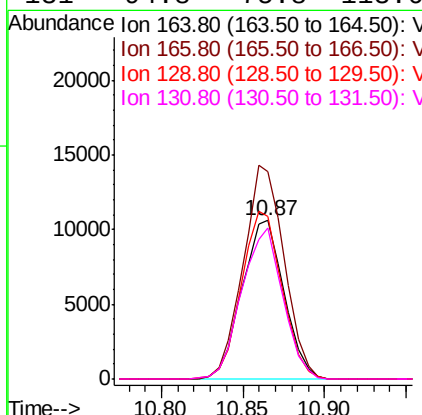
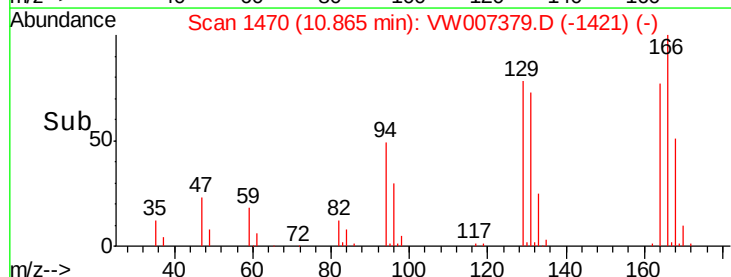
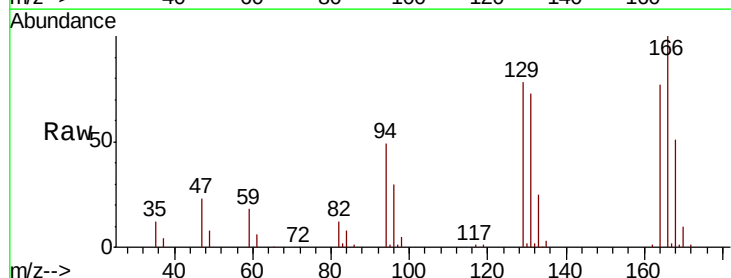
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

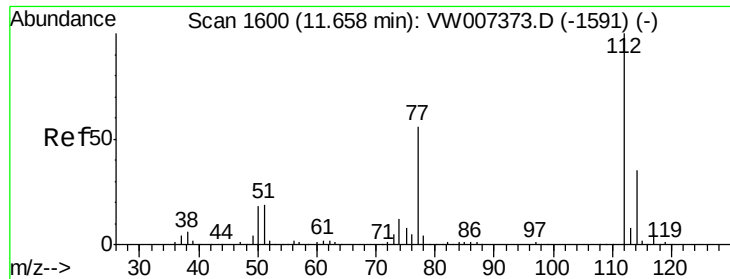
Tgt Ion:117 Resp: 129743
Ion Ratio Lower Upper
117 100
82 52.6 42.3 63.5
119 28.4 23.0 34.6



#64
Tetrachloroethene
Concen: 20.333 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:164 Resp: 18971
Ion Ratio Lower Upper
164 100
166 130.3 107.9 161.9
129 102.2 73.4 110.2
131 94.8 75.8 113.6

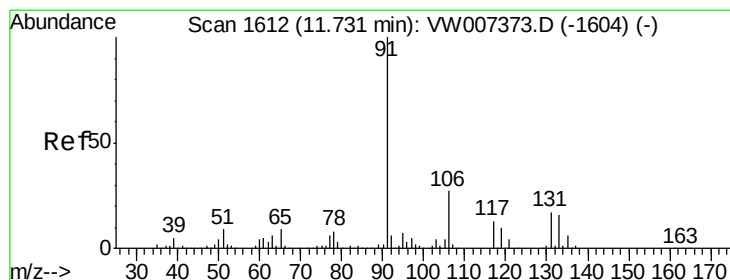
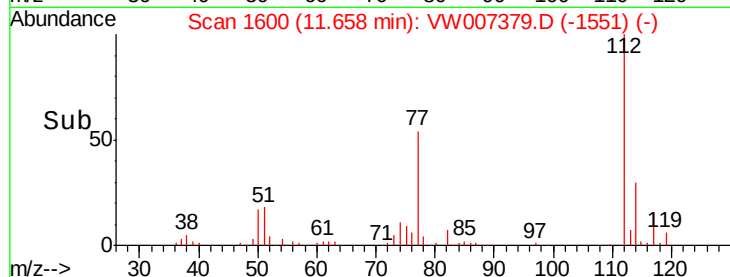
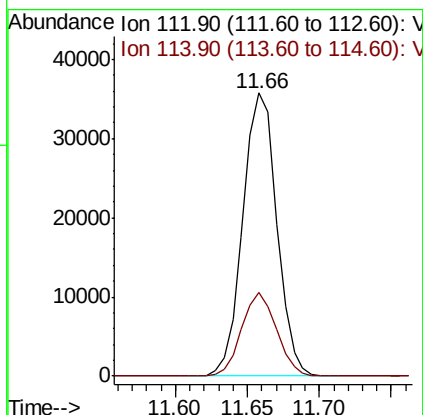
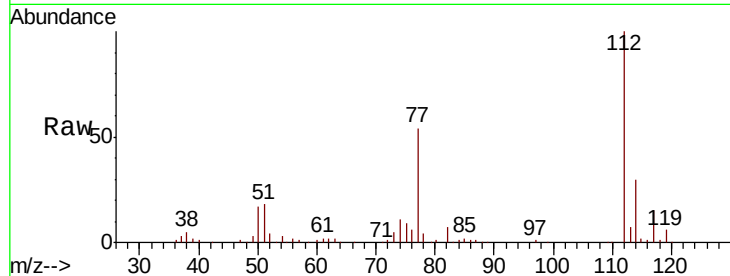




#65
Chlorobenzene
Concen: 21.648 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

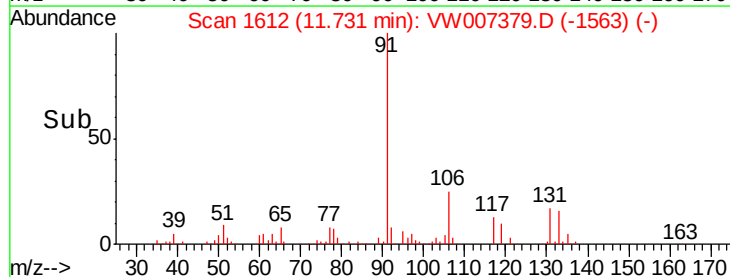
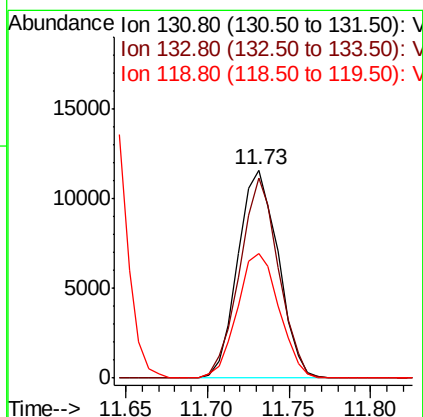
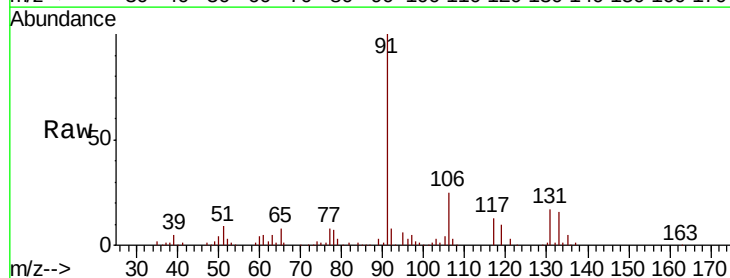
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

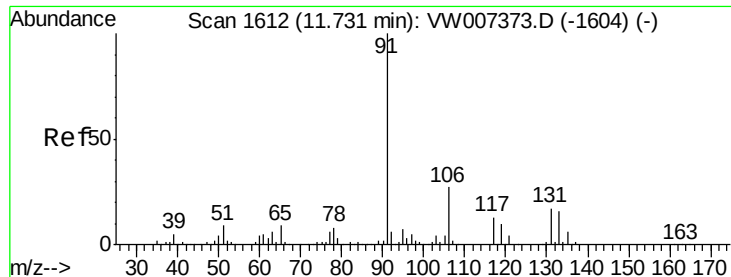
Tgt Ion:112 Resp: 58543
Ion Ratio Lower Upper
112 100
114 29.7 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.999 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:131 Resp: 20000
Ion Ratio Lower Upper
131 100
133 92.8 47.1 141.4
119 62.2 31.3 93.9

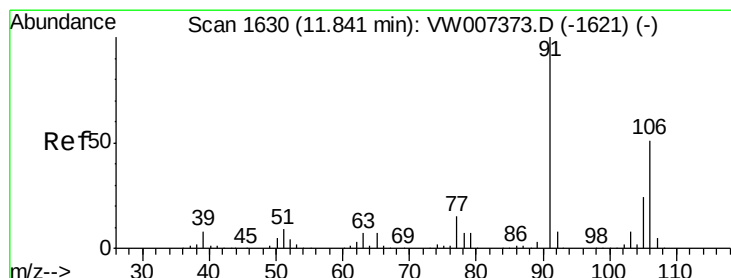
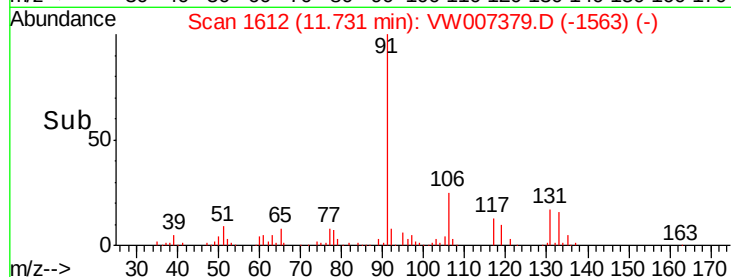
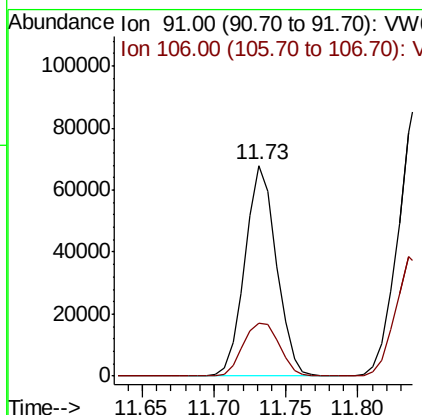
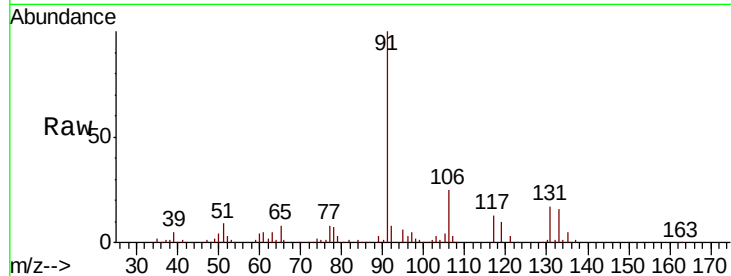




#67
Ethyl Benzene
Concen: 22.035 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

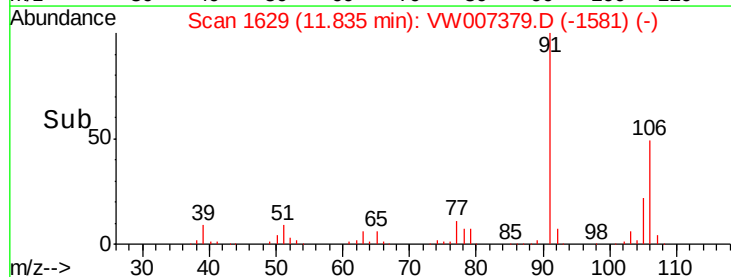
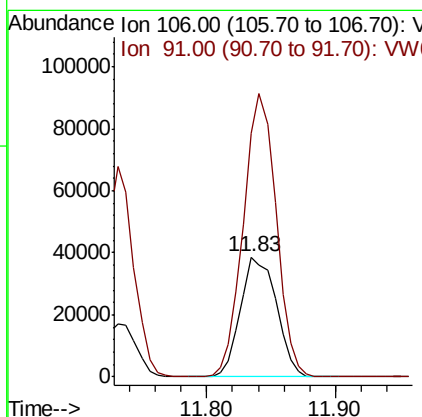
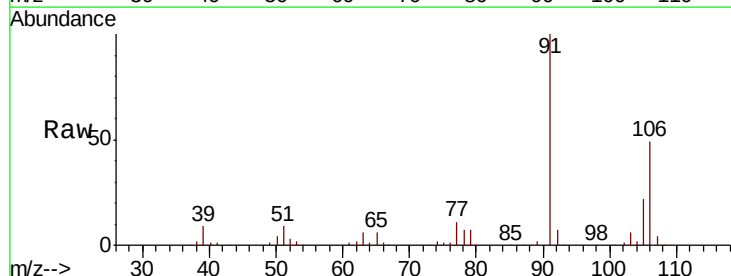
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

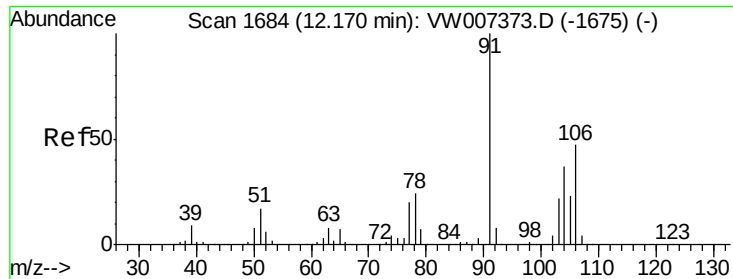
Tgt Ion: 91 Resp: 102448
Ion Ratio Lower Upper
91 100
106 25.4 21.8 32.8



#68
m/p-Xylenes
Concen: 41.489 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 106 Resp: 74991
Ion Ratio Lower Upper
106 100
91 215.2 165.3 247.9

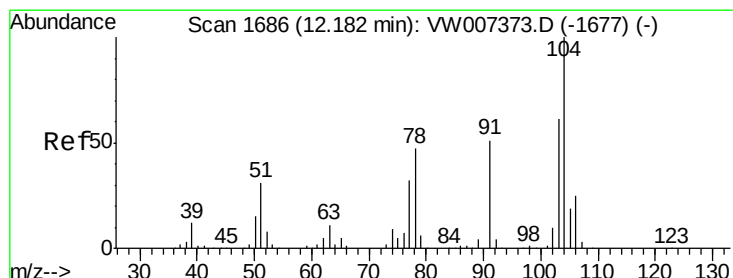
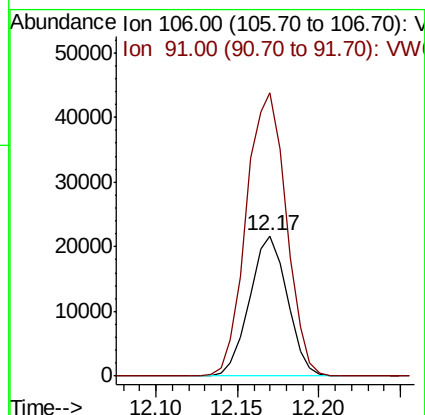
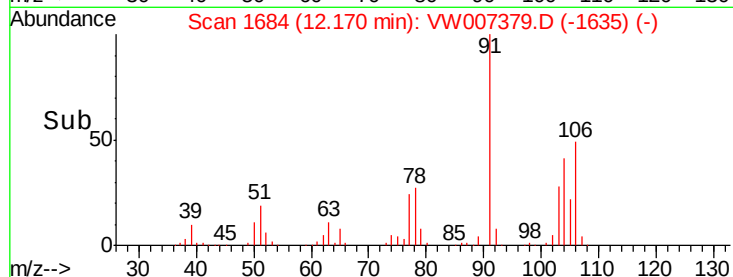
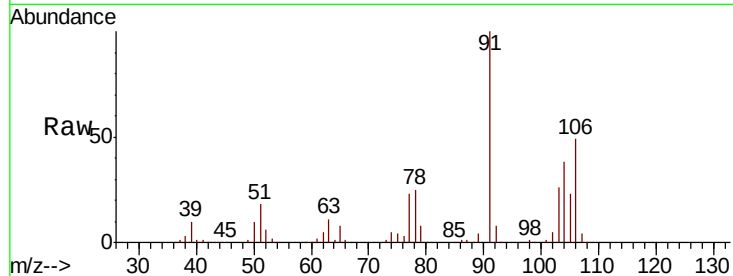




#69
o-Xylene
Concen: 20.690 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

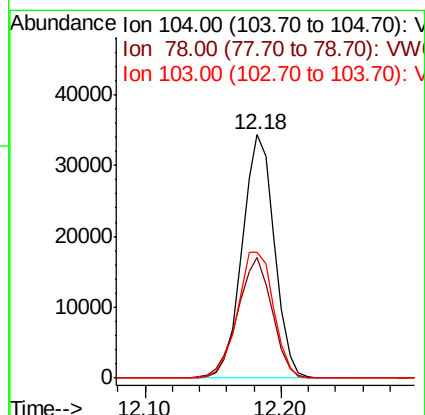
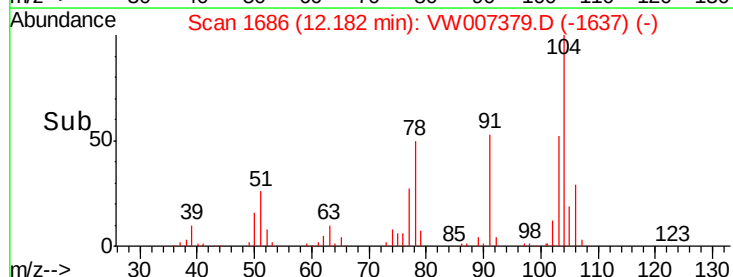
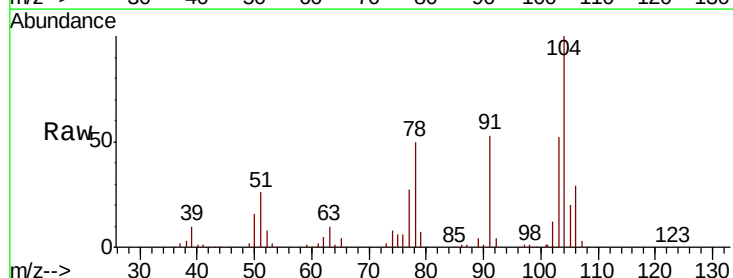
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

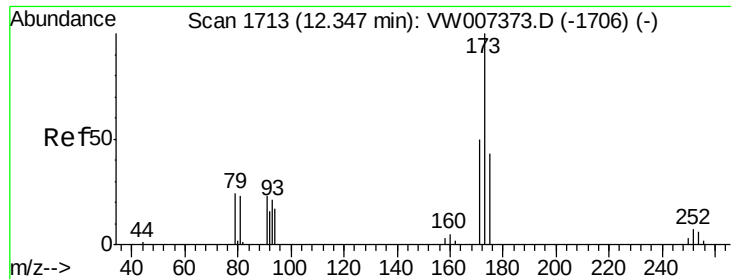
Tgt Ion:106 Resp: 34926
Ion Ratio Lower Upper
106 100
91 214.4 106.6 319.8



#70
Styrene
Concen: 20.751 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:104 Resp: 56580
Ion Ratio Lower Upper
104 100
78 53.1 41.8 62.8
103 58.2 46.6 69.8

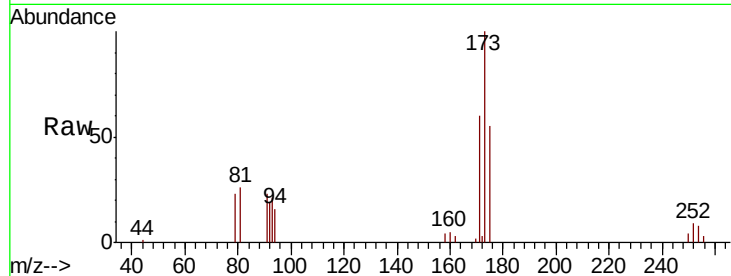




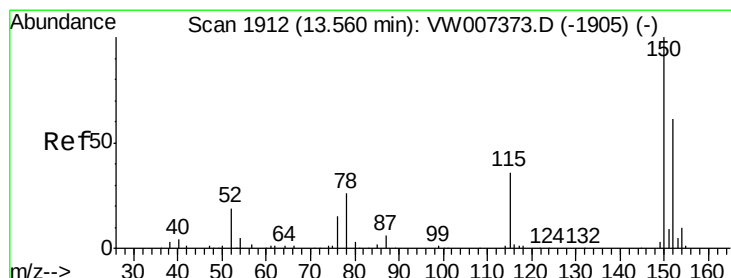
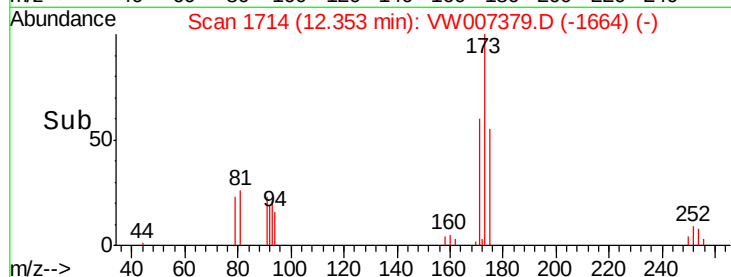
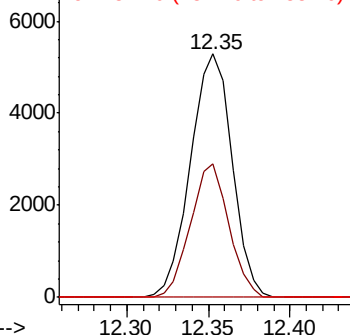
#71
Bromoform
Concen: 19.217 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Tgt Ion:173 Resp: 9368
Ion Ratio Lower Upper
173 100
175 50.5 23.6 70.8
254 0.0 0.0 0.0

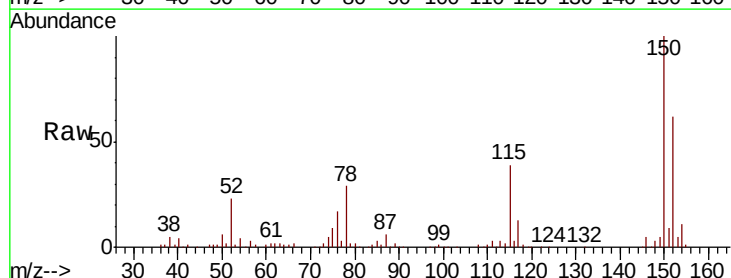


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

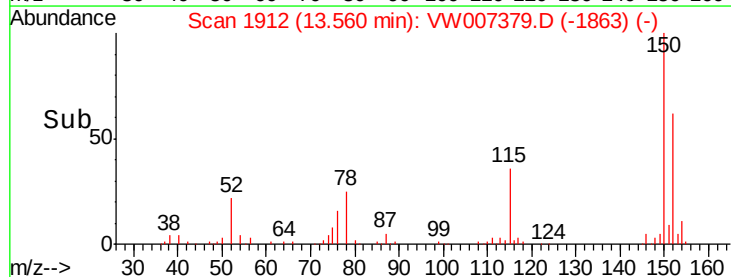
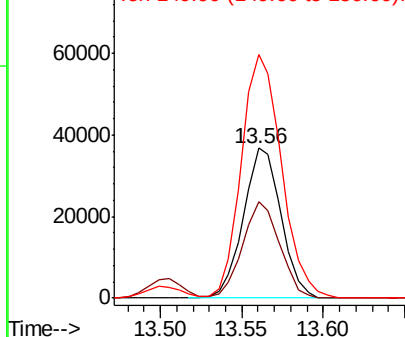


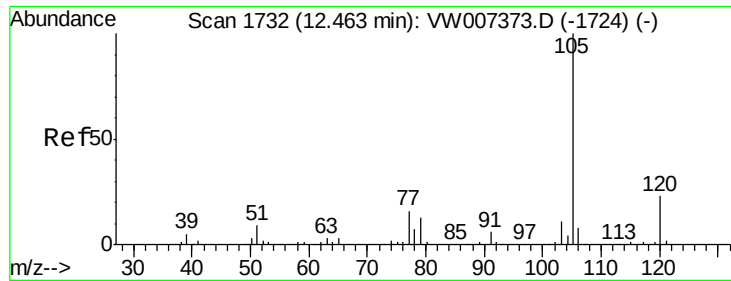
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:152 Resp: 58967
Ion Ratio Lower Upper
152 100
115 63.2 31.4 94.2
150 173.2 0.0 358.4



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: 22.875 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

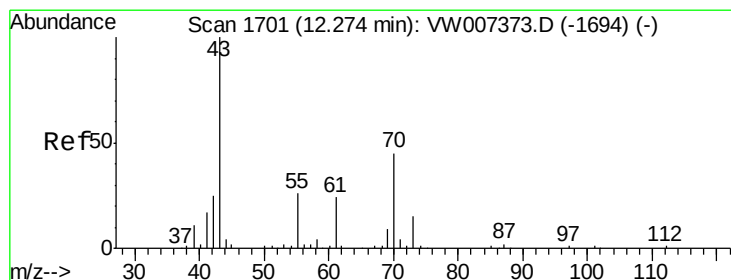
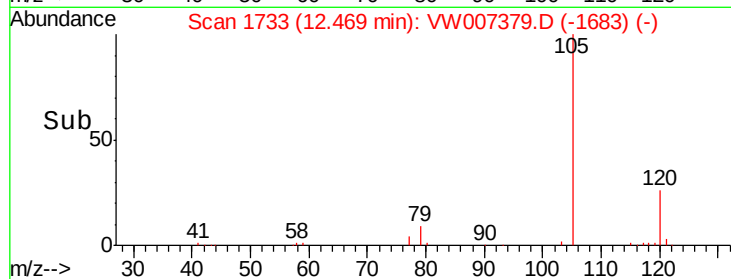
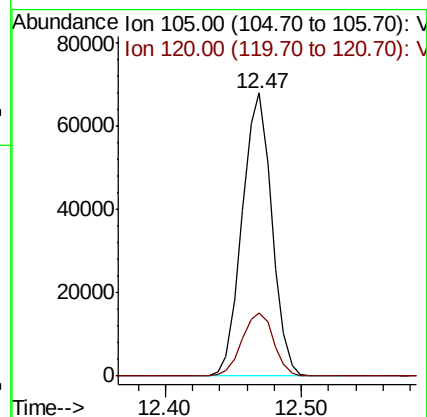
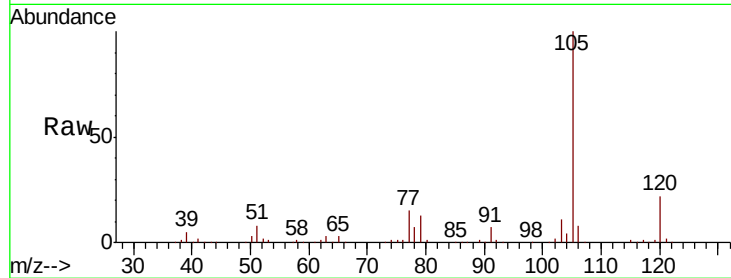
VW1211SBS01

Tgt Ion: 105 Resp: 103357

Ion Ratio Lower Upper

105 100

120 24.0 12.8 38.4



#74

N-ethyl acetate

Concen: 20.544 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Tgt Ion: 43 Resp: 16870

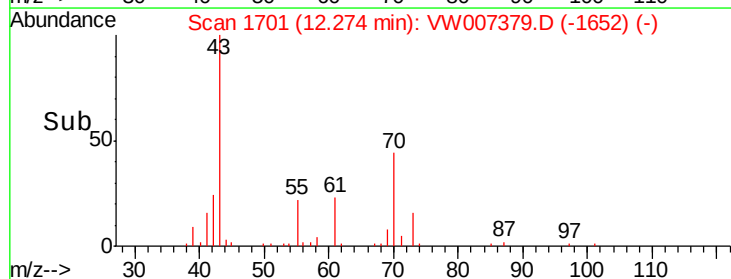
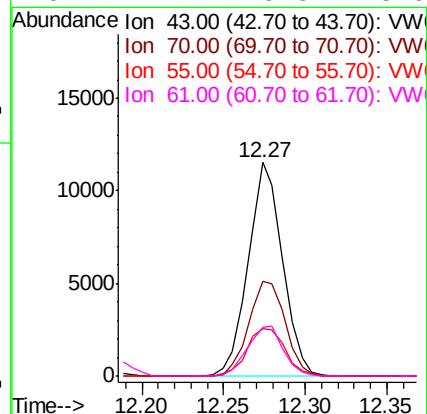
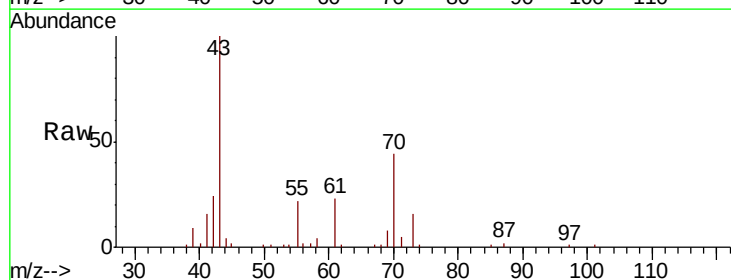
Ion Ratio Lower Upper

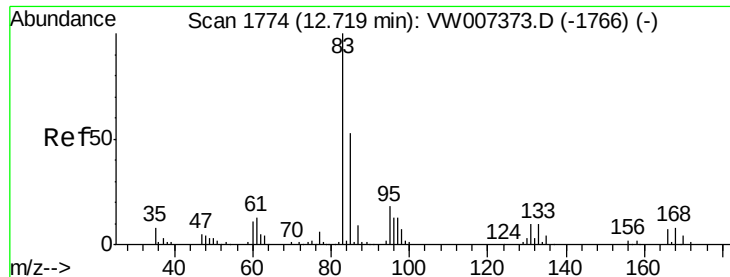
43 100

70 47.0 36.5 54.7

55 24.8 20.1 30.1

61 24.4 19.3 28.9

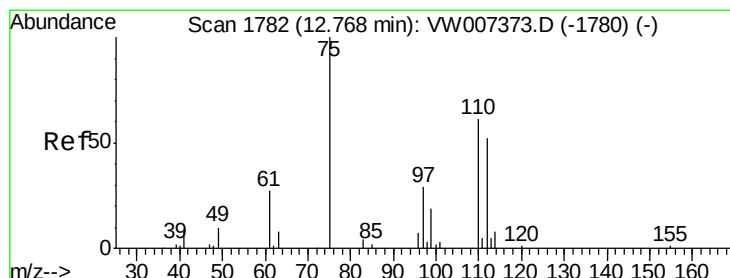
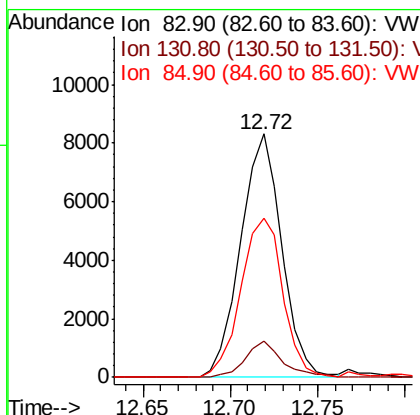
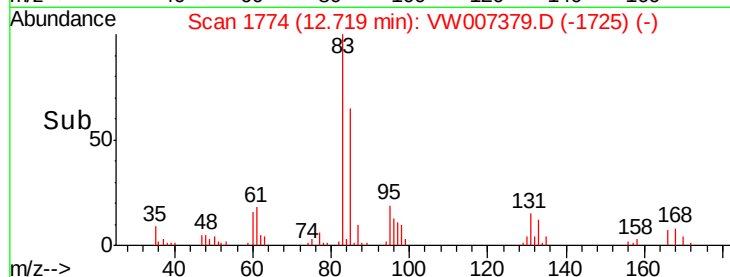
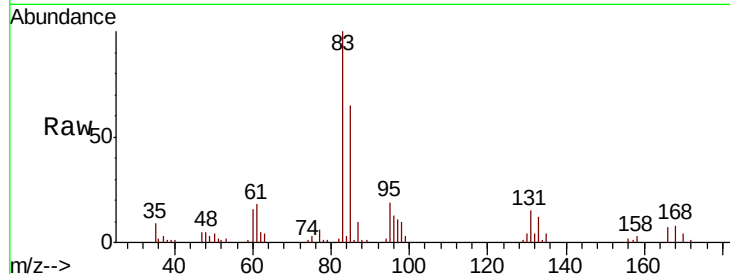




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.409 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

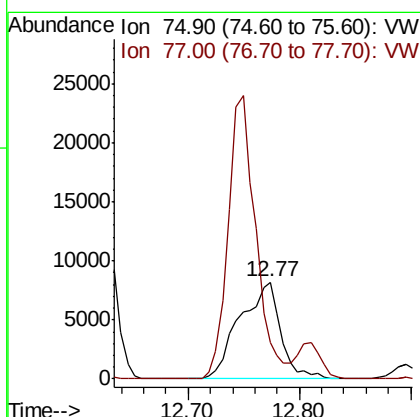
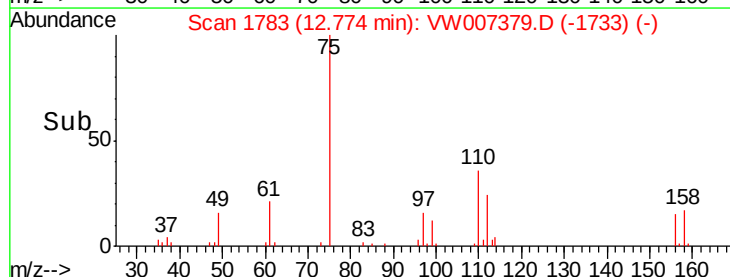
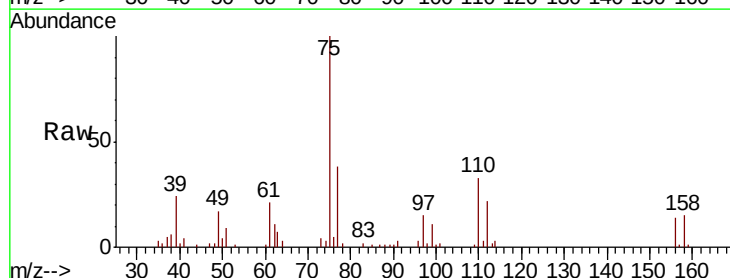
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

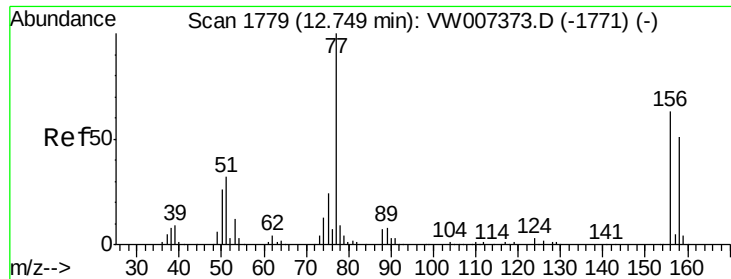
Tgt Ion: 83 Resp: 13658
 Ion Ratio Lower Upper
 83 100
 131 13.6 5.9 17.8
 85 66.6 30.0 90.0



#76
 1,2,3-Trichloropropane
 Concen: 42.886 ug/l
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion: 75 Resp: 20851
 Ion Ratio Lower Upper
 75 100
 77 0.0 166.9 500.8#





#77

Bromobenzene

Concen: 22.627 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

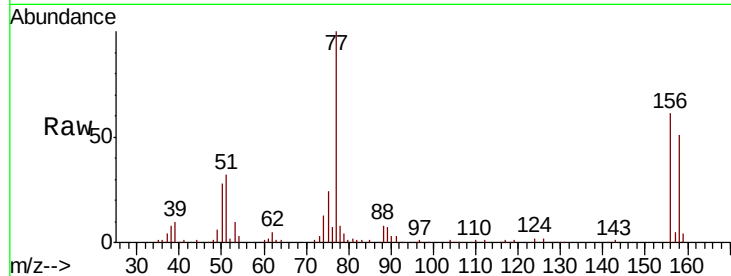
Tgt Ion: 156 Resp: 22661

Ion Ratio Lower Upper

156 100

77 183.4 88.1 264.4

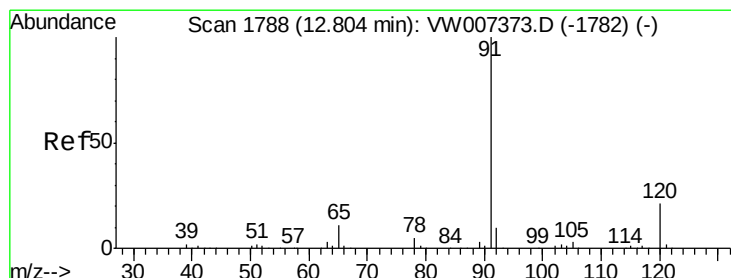
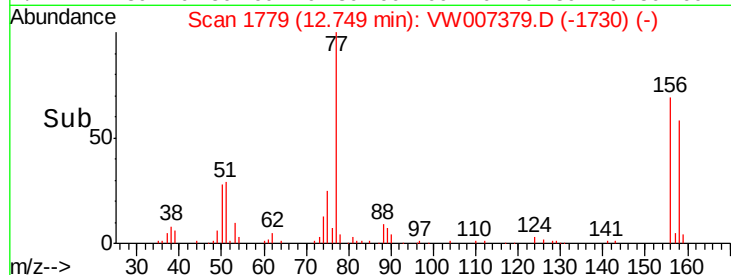
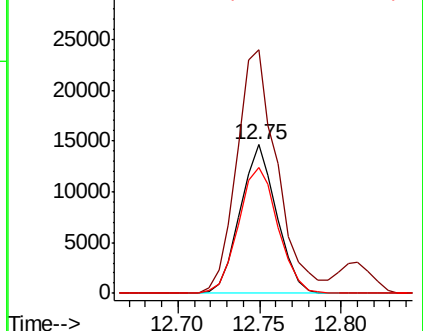
158 91.7 45.6 136.7



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: 24.375 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.01 min

Lab File: VW007379.D

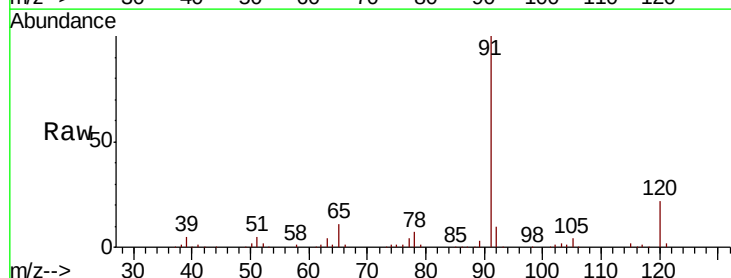
Acq: 11 Dec 2018 03:33

Tgt Ion: 91 Resp: 123944

Ion Ratio Lower Upper

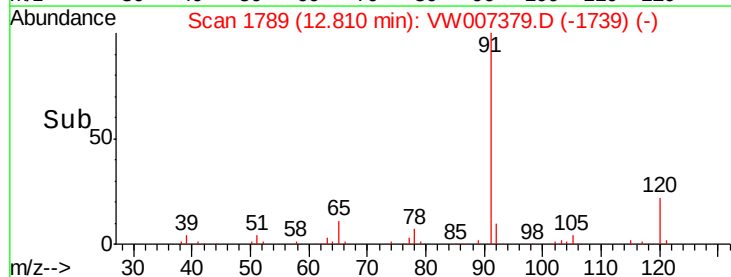
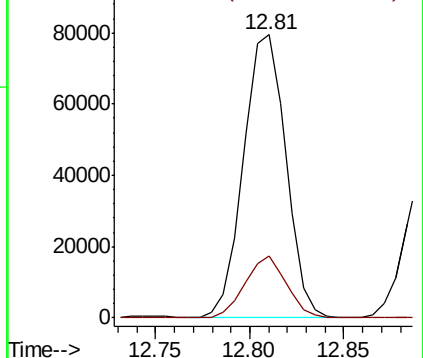
91 100

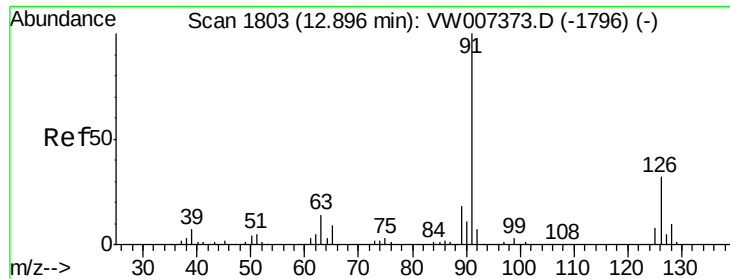
120 21.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.163 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

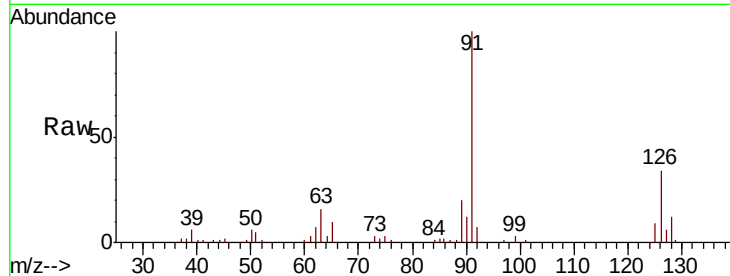
VW1211SBS01

Tgt Ion: 91 Resp: 68190

Ion Ratio Lower Upper

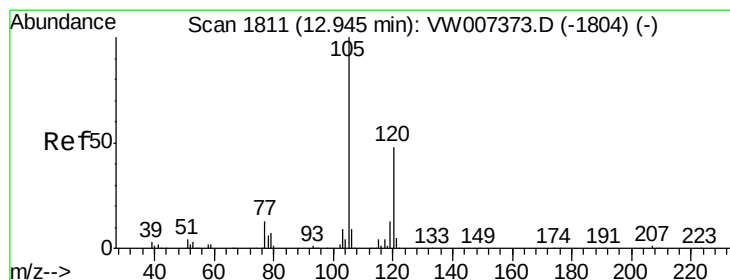
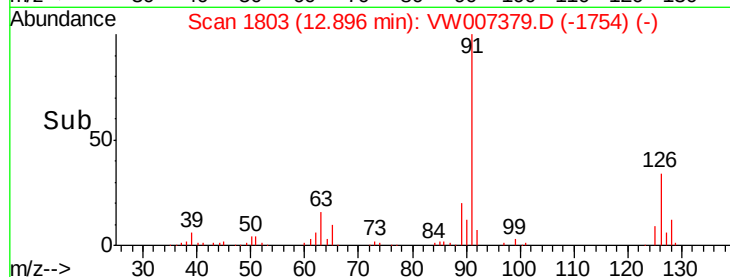
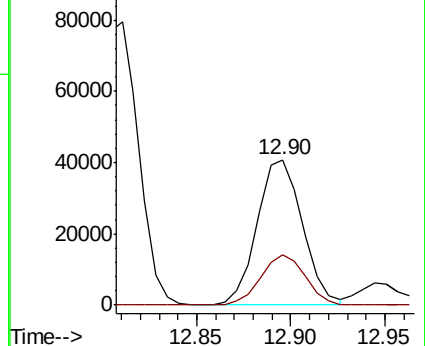
91 100

126 33.7 15.9 47.6



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: 22.403 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VW007379.D

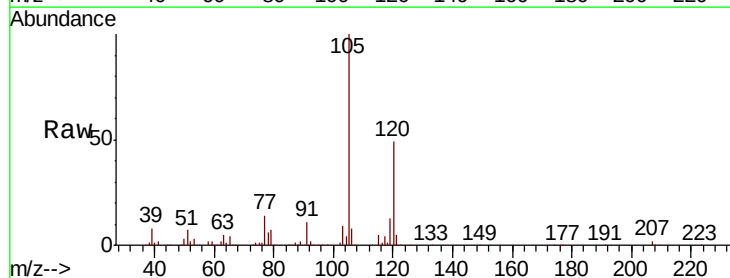
Acq: 11 Dec 2018 03:33

Tgt Ion: 105 Resp: 85054

Ion Ratio Lower Upper

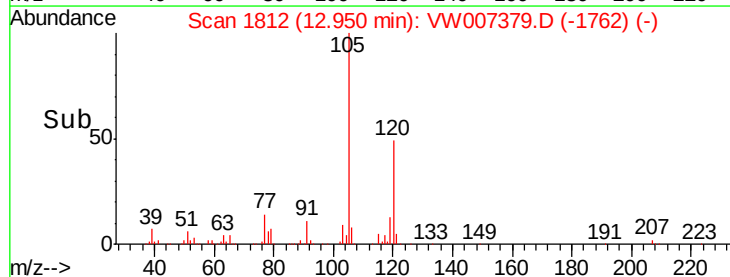
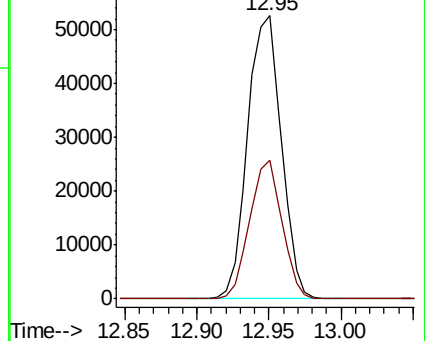
105 100

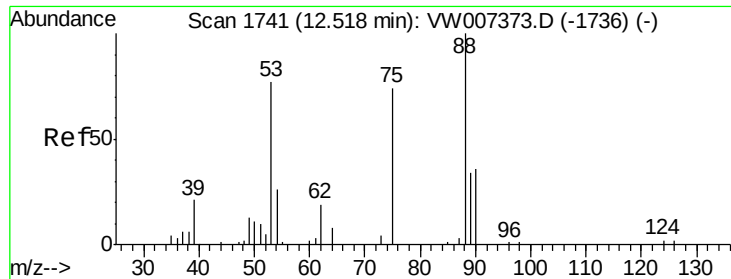
120 47.0 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

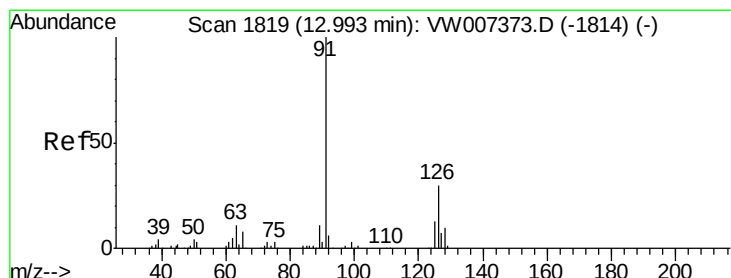
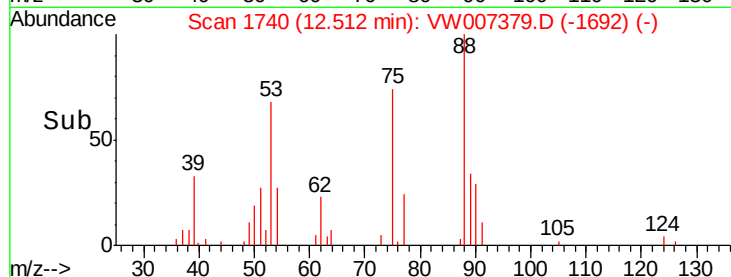
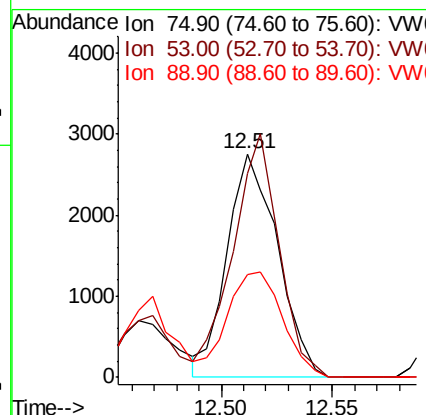
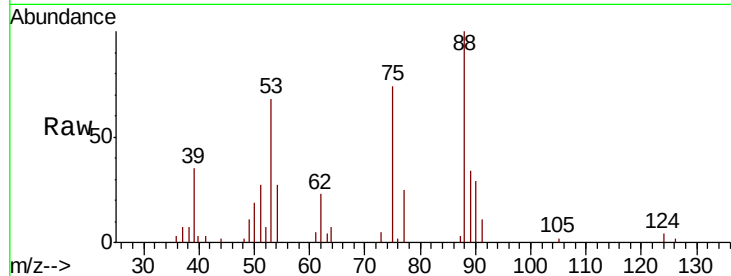




#81
trans-1,4-Dichloro-2-butene
Concen: 19.755 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

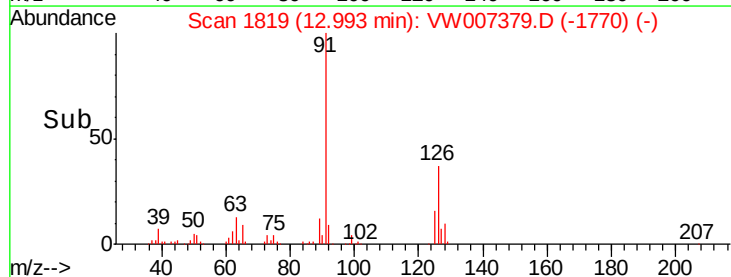
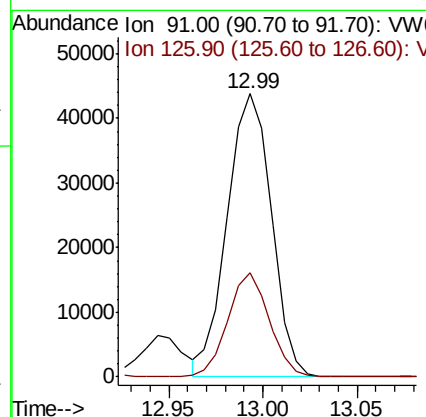
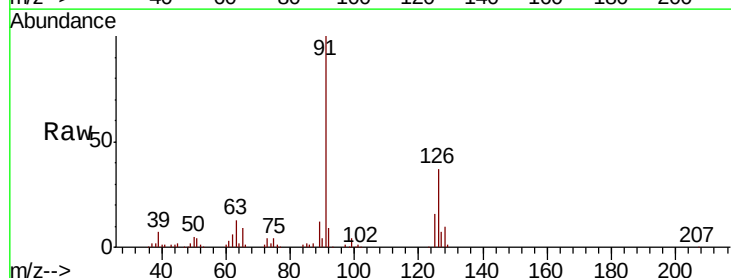
Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

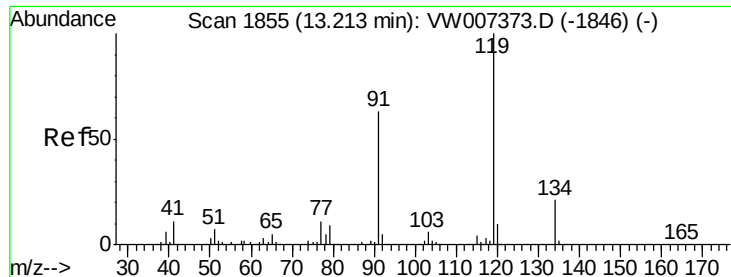
Tgt Ion: 75 Resp: 4348
Ion Ratio Lower Upper
75 100
53 99.7 84.9 127.3
89 52.3 40.3 60.5



#82
4-Chlorotoluene
Concen: 22.019 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion: 91 Resp: 71412
Ion Ratio Lower Upper
91 100
126 34.4 16.0 48.0

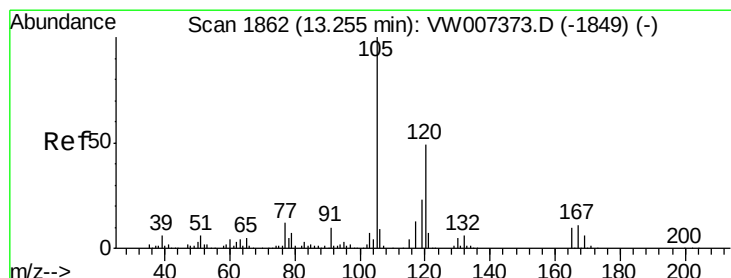
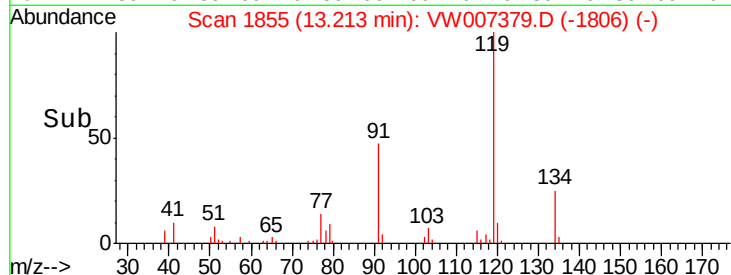
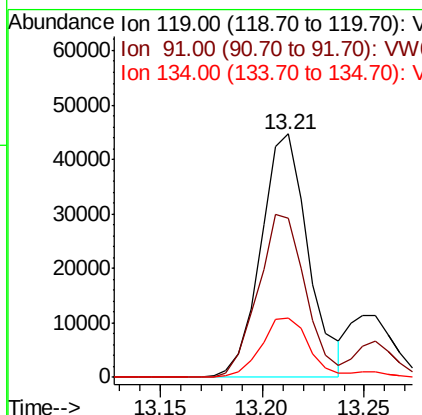
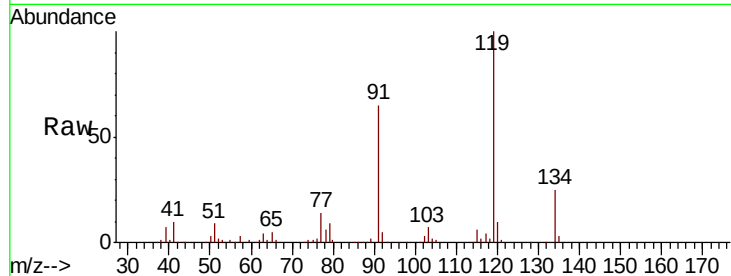




#83
 tert-Butylbenzene
 Concen: 21.660 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

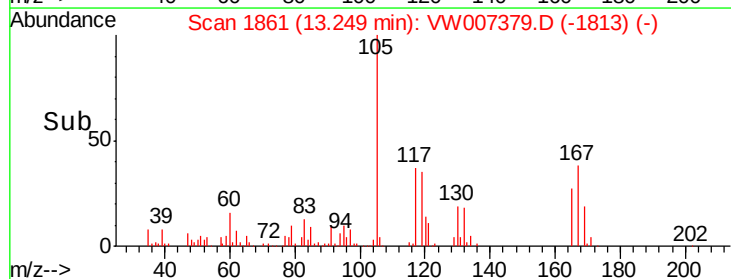
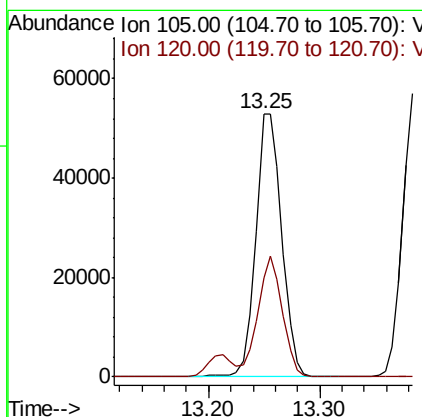
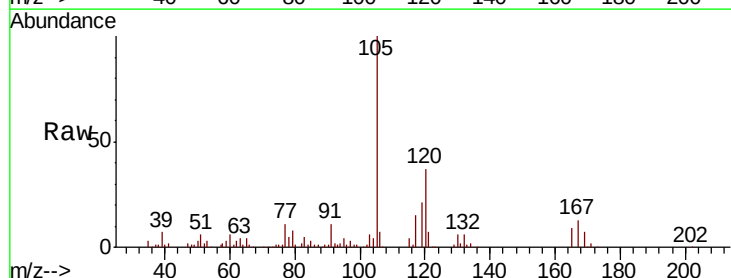
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

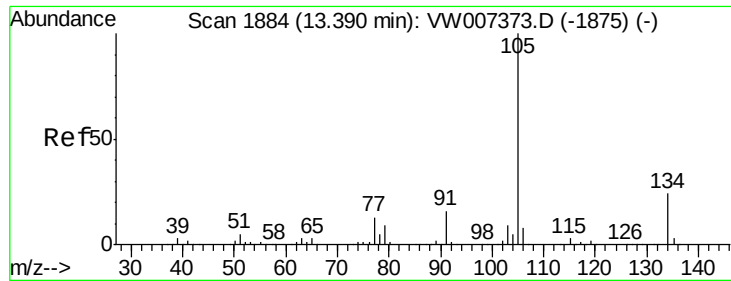
Tgt Ion:119 Resp: 72457
 Ion Ratio Lower Upper
 119 100
 91 66.9 33.1 99.2
 134 26.3 12.5 37.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.957 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion:105 Resp: 85781
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.6 67.7

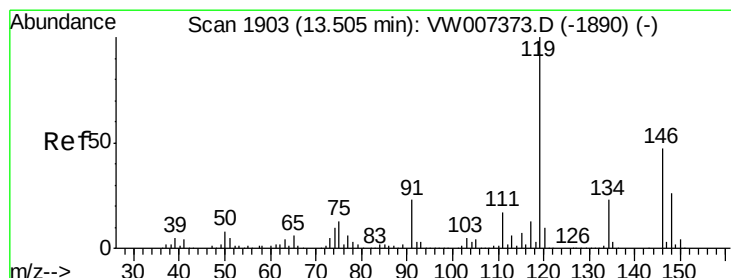
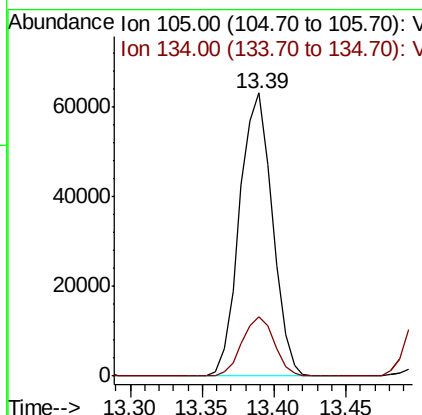
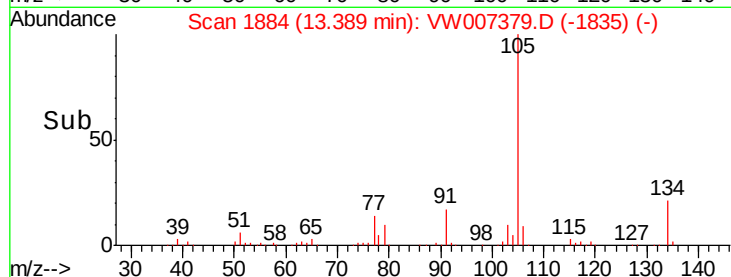
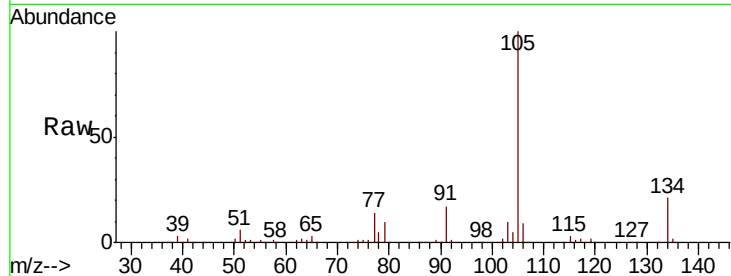




#85
 sec-Butylbenzene
 Concen: 21.898 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

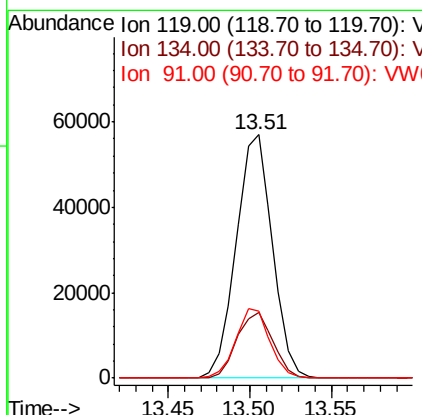
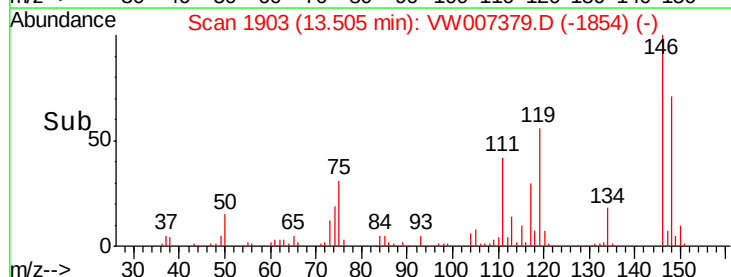
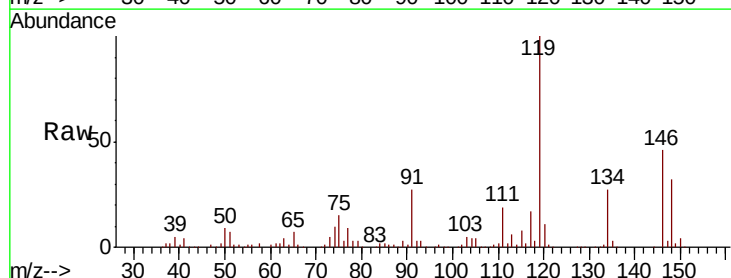
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

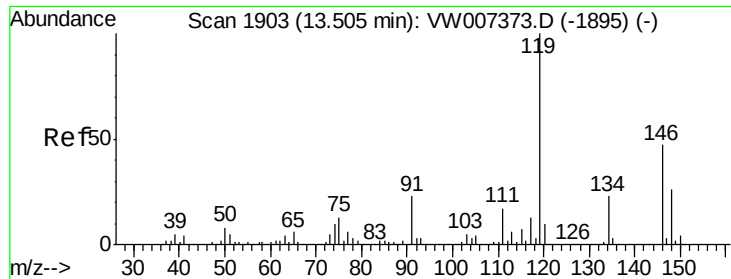
Tgt Ion:105 Resp: 99999
 Ion Ratio Lower Upper
 105 100
 134 20.6 11.1 33.3



#86
 p-Isopropyltoluene
 Concen: 21.489 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion:119 Resp: 88159
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.9 38.7
 91 27.0 11.9 35.9

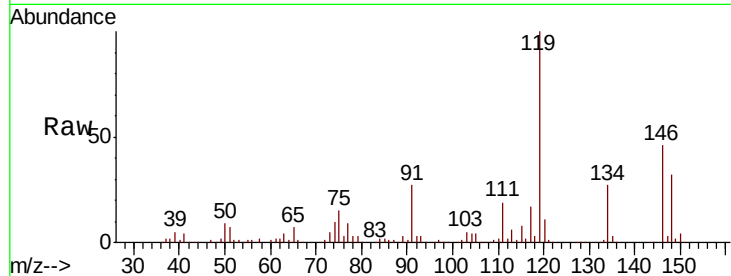




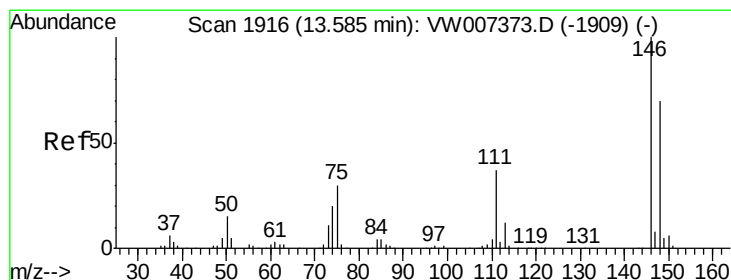
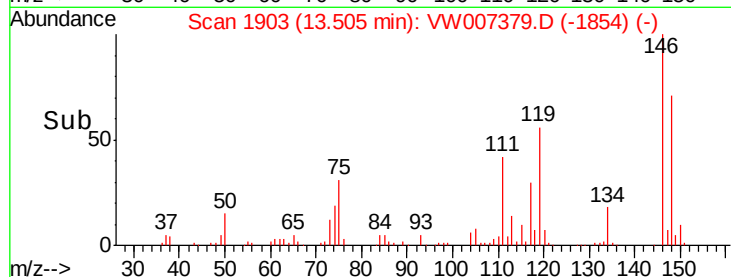
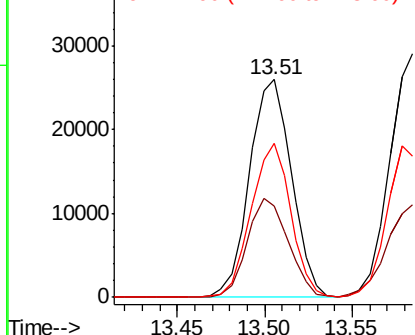
#87
 1,3-Dichlorobenzene
 Concen: 21.731 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1211SBS01

Tgt Ion:146 Resp: 43393
 Ion Ratio Lower Upper
 146 100
 111 44.3 20.1 60.3
 148 66.9 31.4 94.0

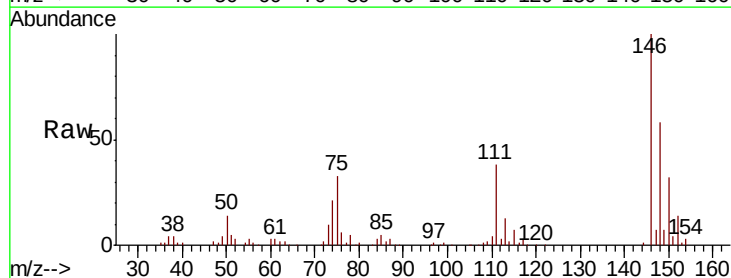


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

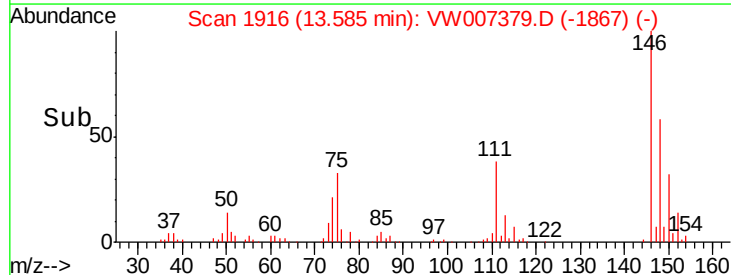
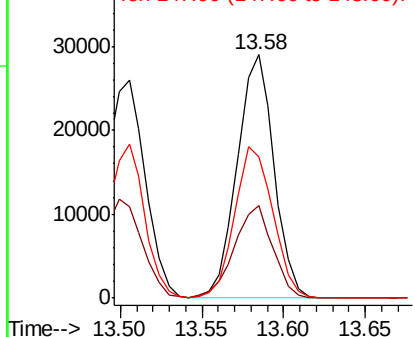


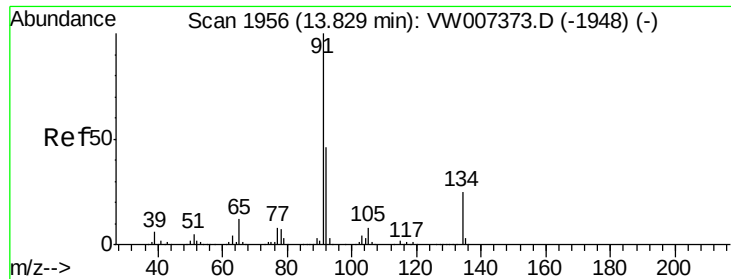
#88
 1,4-Dichlorobenzene
 Concen: 22.709 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007379.D
 Acq: 11 Dec 2018 03:33

Tgt Ion:146 Resp: 45587
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 61.0
 148 64.6 33.5 100.5



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





#89

n-Butylbenzene

Concen: 21.618 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

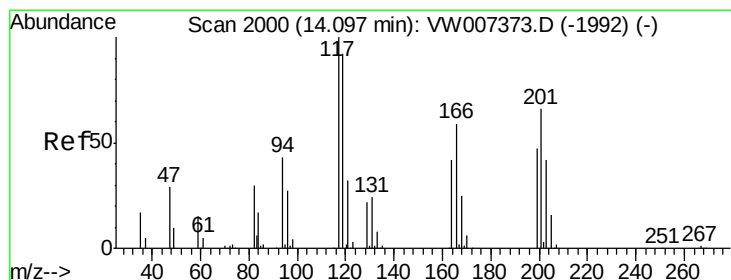
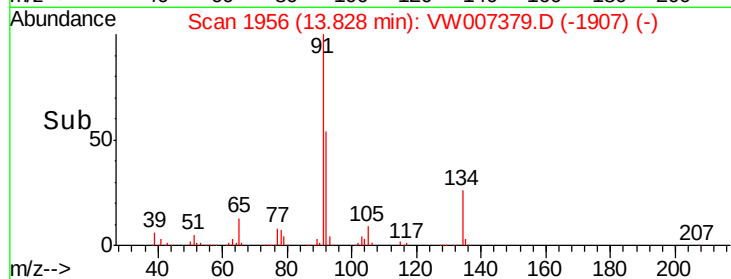
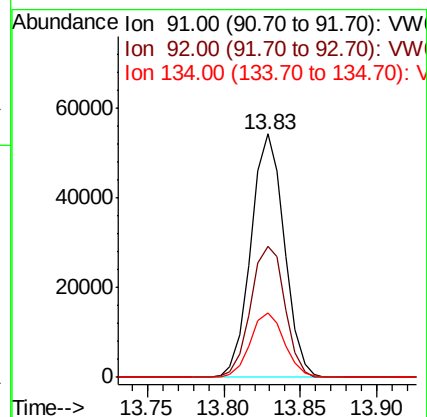
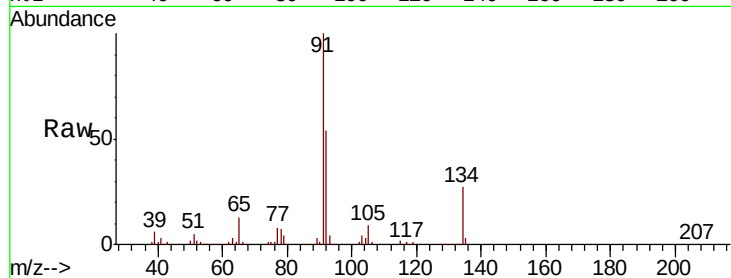
Tgt Ion: 91 Resp: 82220

Ion Ratio Lower Upper

91 100

92 55.3 25.7 77.1

134 27.2 13.4 40.2



#90

Hexachloroethane

Concen: 21.752 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW007379.D

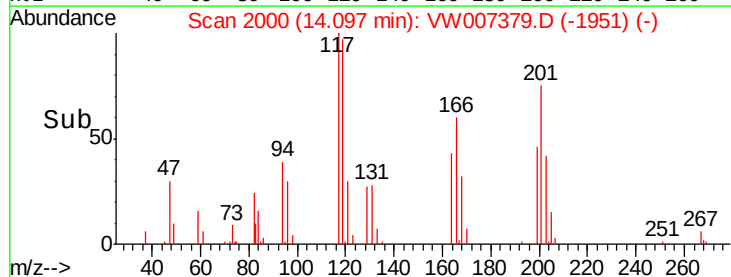
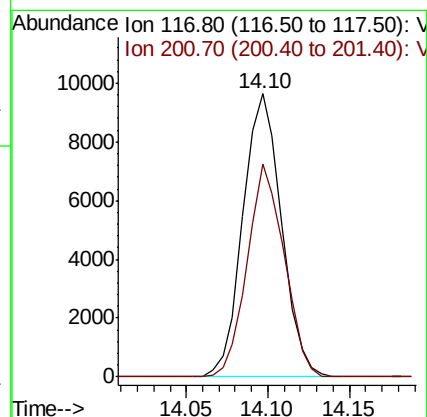
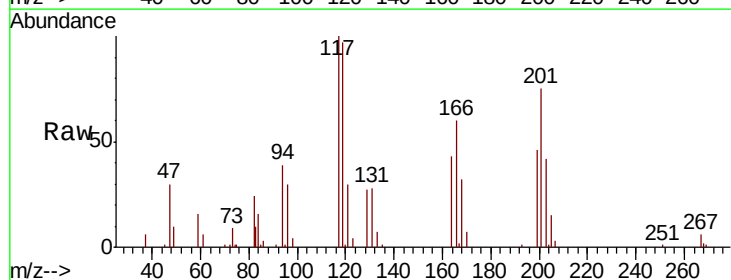
Acq: 11 Dec 2018 03:33

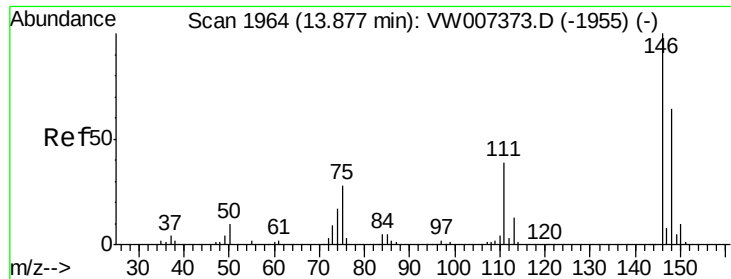
Tgt Ion: 117 Resp: 15878

Ion Ratio Lower Upper

117 100

201 72.2 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 22.542 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

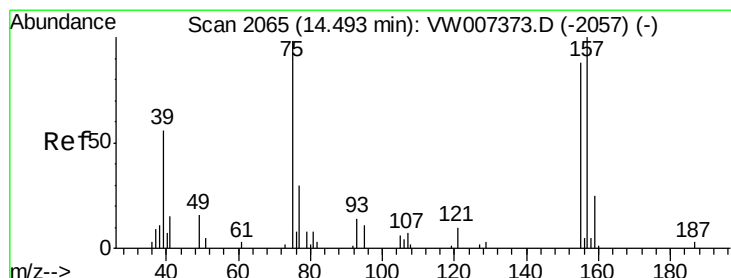
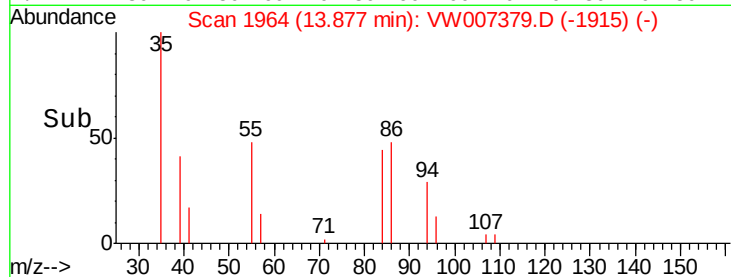
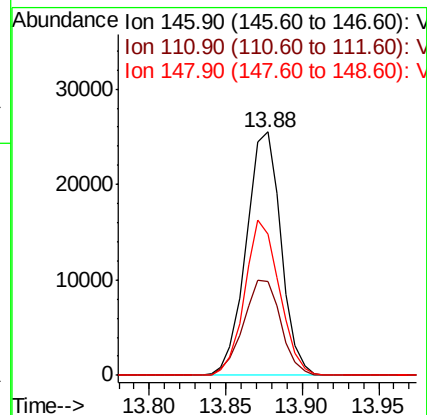
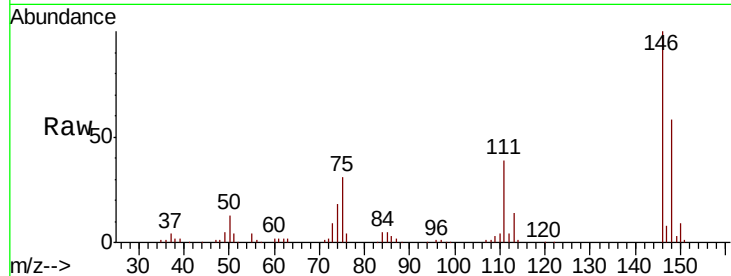
Instrument :

MSVOA_W

ClientSampleId :

VW1211SBS01

Tgt Ion:	146	Resp:	40317
Ion	Ratio	Lower	Upper
146	100		
111	42.2	22.4	67.2
148	63.4	32.4	97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.564 ug/l

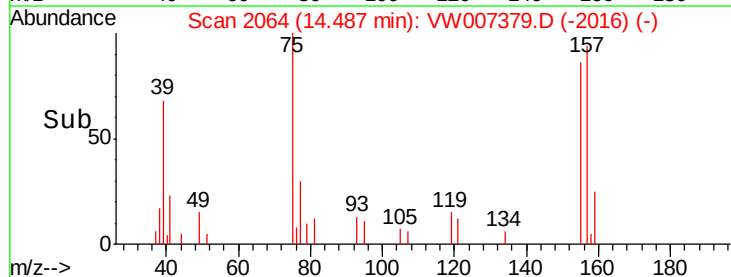
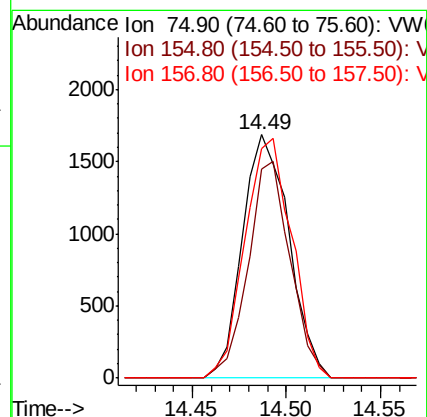
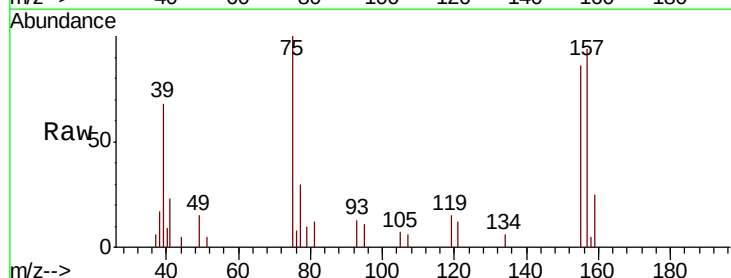
RT: 14.49 min Scan# 2064

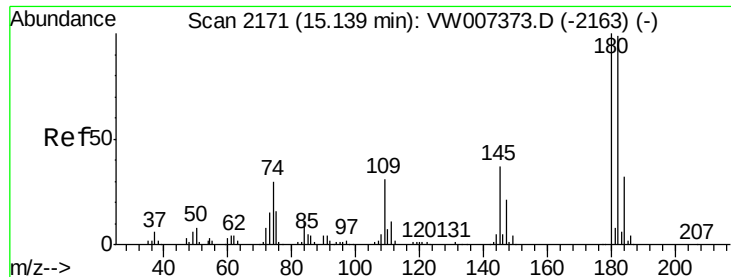
Delta R.T. -0.01 min

Lab File: VW007379.D

Acq: 11 Dec 2018 03:33

Tgt Ion:	75	Resp:	2896
Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.8	122.2
157	98.5	51.1	153.4

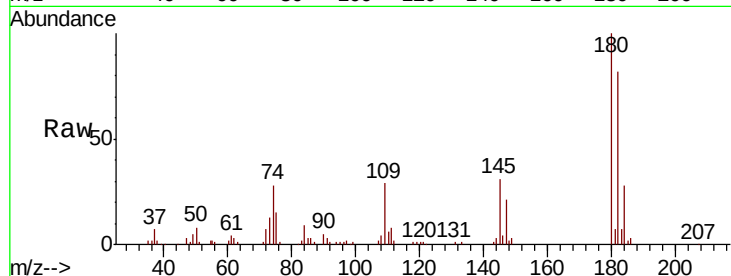




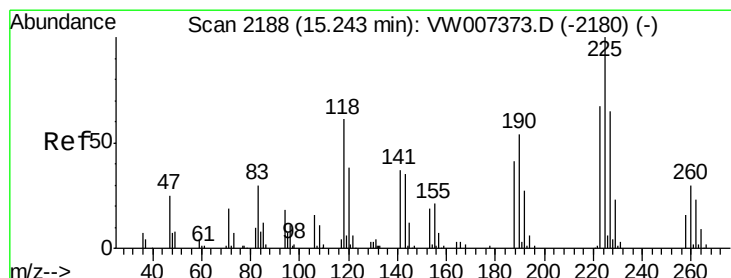
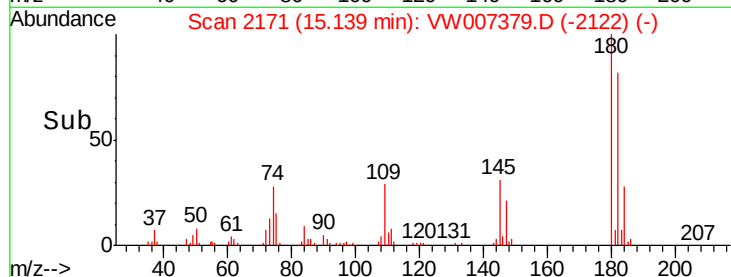
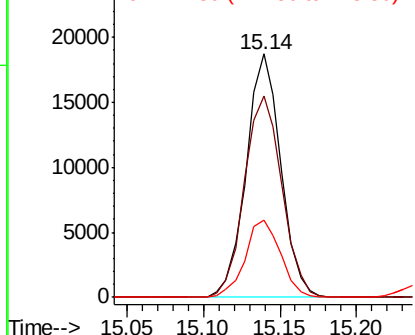
#93
1,2,4-Trichlorobenzene
Concen: 23.910 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Tgt Ion:180 Resp: 29429
Ion Ratio Lower Upper
180 100
182 89.5 49.9 149.6
145 32.3 17.8 53.4

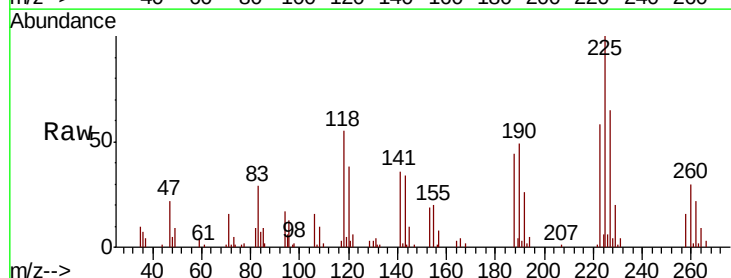


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

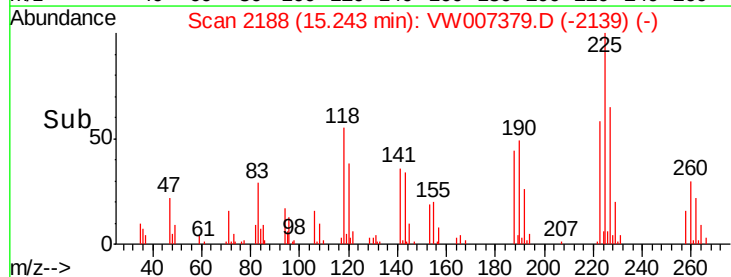
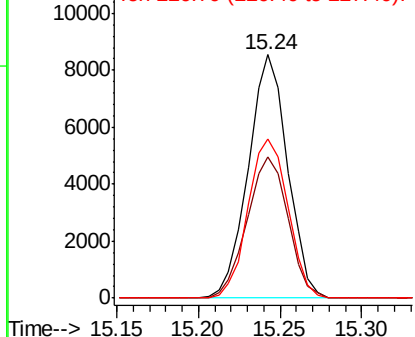


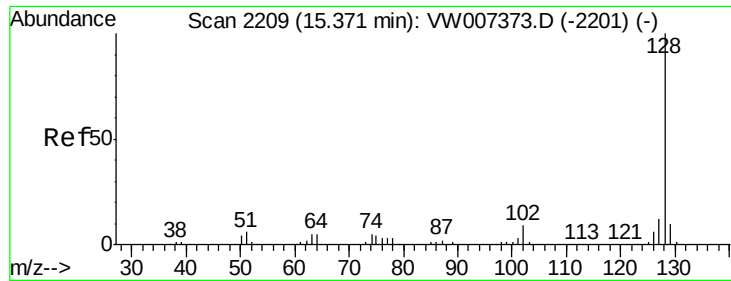
#94
Hexachlorobutadiene
Concen: 21.918 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:225 Resp: 14314
Ion Ratio Lower Upper
225 100
223 60.6 32.1 96.3
227 66.4 31.9 95.9



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

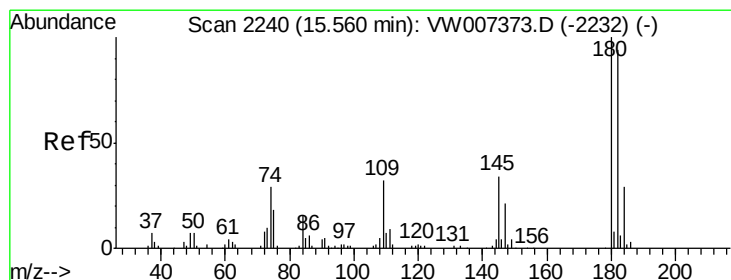
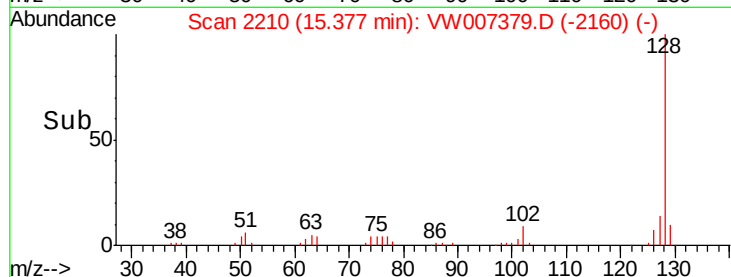
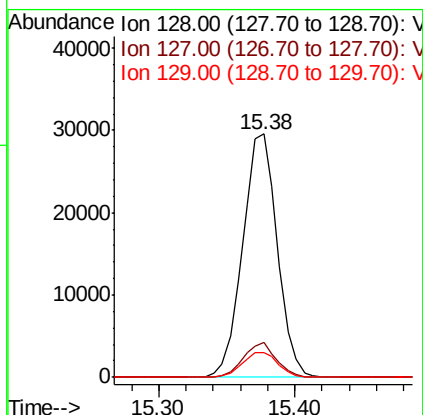
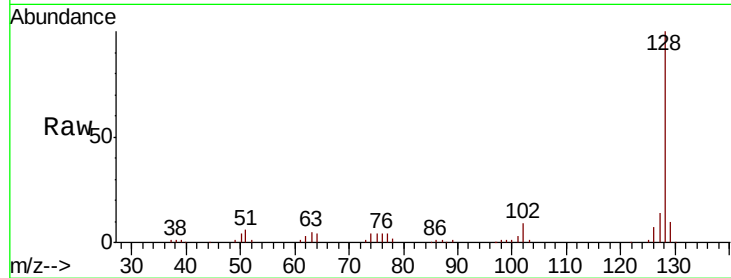




#95
Naphthalene
Concen: 22.327 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Instrument :
MSVOA_W
ClientSampleId :
VW1211SBS01

Tgt Ion:128 Resp: 52570
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.4 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 22.988 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007379.D
Acq: 11 Dec 2018 03:33

Tgt Ion:180 Resp: 24578
Ion Ratio Lower Upper
180 100
182 92.5 45.6 136.7
145 32.4 17.5 52.5

