

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101818\
 Data File : VW006199.D
 Acq On : 19 Oct 2018 03:29
 Operator : VA/AP
 Sample : VW1018SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Quant Time: Oct 19 06:08:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364745	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	187442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	108562	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
35) Dibromofluoromethane	7.88	113	108144	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.33	98	409135	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.62	95	153599	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20259	16.483	ug/l	97
3) Chloromethane	2.21	50	28092	17.756	ug/l	100
4) Vinyl Chloride	2.37	62	41888	18.539	ug/l	99
5) Bromomethane	2.78	94	41364	20.128	ug/l	98
6) Chloroethane	2.93	64	32337	19.971	ug/l	100
7) Trichlorofluoromethane	3.26	101	34950	16.605	ug/l	100
8) Diethyl Ether	3.68	74	22810	20.391	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44345	20.104	ug/l	99
10) Methyl Iodide	4.26	142	75341	20.521	ug/l	99
11) Tert butyl alcohol	5.21	59	14633	105.665	ug/l	98
12) 1,1-Dichloroethene	4.04	96	42236	20.353	ug/l	93
13) Acrolein	3.89	56	13298	99.237	ug/l	100
14) Allyl chloride	4.67	41	57556	19.397	ug/l	99
15) Acrylonitrile	5.37	53	44455	110.800	ug/l	99
16) Acetone	4.14	43	39317	92.447	ug/l	96
17) Carbon Disulfide	4.37	76	108146	17.267	ug/l	100
18) Methyl Acetate	4.68	43	22556	21.767	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	66967	21.187	ug/l	98
20) Methylene Chloride	4.91	84	52527	23.237	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	48611	20.986	ug/l	98
22) Diisopropyl ether	6.31	45	124167	21.176	ug/l	98
23) Vinyl Acetate	6.26	43	349983	101.137	ug/l	99
24) 1,1-Dichloroethane	6.21	63	81642	21.578	ug/l	99
25) 2-Butanone	7.18	43	60125	108.086	ug/l	97
26) 2,2-Dichloropropane	7.17	77	46997	17.611	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	54701	21.400	ug/l	98
28) Bromochloromethane	7.51	49	27074	18.535	ug/l	95
29) Tetrahydrofuran	7.54	42	37463	109.565	ug/l	98
30) Chloroform	7.68	83	89969	21.825	ug/l	98
31) Cyclohexane	7.96	56	72073	19.128	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	74256	19.969	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69862	20.780	ug/l	99
37) Ethyl Acetate	7.26	43	26366	21.108	ug/l	99
38) Carbon Tetrachloride	8.07	117	69455	18.845	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87373	19.551	ug/l	98
40) Benzene	8.32	78	194926	21.137	ug/l	100
41) Methacrylonitrile	7.49	41	17243	22.899	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59099	21.812	ug/l	100
43) Isopropyl Acetate	8.43	43	51699	20.243	ug/l	100
44) Trichloroethene	9.09	130	59684	21.095	ug/l	98
45) 1,2-Dichloropropane	9.37	63	46520	21.081	ug/l	100
46) Dibromomethane	9.46	93	27291	21.698	ug/l	99
47) Bromodichloromethane	9.65	83	61010	20.007	ug/l	99
48) Methyl methacrylate	9.44	41	24681	20.387	ug/l	92
49) 1,4-Dioxane	9.48	88	9112	470.596	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	134672	105.244	ug/l	98
52) Toluene	10.39	92	130925	21.176	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	56438	18.576	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	66792	19.155	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38148	21.674	ug/l	99
56) Ethyl methacrylate	10.65	69	44652	20.694	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63136	21.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88851	107.765	ug/l	99
59) 2-Hexanone	10.98	43	91405	100.067	ug/l	98
60) Dibromochloromethane	11.13	129	42228	19.261	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37991	21.602	ug/l	99
64) Tetrachloroethene	10.87	164	56518	21.858	ug/l	99
65) Chlorobenzene	11.66	112	154443	21.660	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50953	20.108	ug/l	99
67) Ethyl Benzene	11.74	91	259286	20.983	ug/l	99
68) m/p-Xylenes	11.84	106	204995	41.972	ug/l	100
69) o-Xylene	12.17	106	97346	20.914	ug/l	100
70) Styrene	12.18	104	159749	21.105	ug/l	100
71) Bromoform	12.35	173	25438	17.998	ug/l #	100
73) Isopropylbenzene	12.47	105	272963	20.613	ug/l	100
74) N-amyl acetate	12.28	43	49874	19.391	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	42873	21.287	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	53293	37.224	ug/l #	100
77) Bromobenzene	12.75	156	68014	20.970	ug/l	100
78) n-propylbenzene	12.81	91	320112	20.778	ug/l	100
79) 2-Chlorotoluene	12.90	91	181951	21.020	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	231396	20.728	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9567	15.973	ug/l	91
82) 4-Chlorotoluene	12.99	91	193207	21.307	ug/l	99
83) tert-Butylbenzene	13.21	119	207148	20.740	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	235710	20.866	ug/l	99
85) sec-Butylbenzene	13.39	105	290557	20.592	ug/l	100
86) p-Isopropyltoluene	13.51	119	261719	20.506	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	136667	21.172	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135088	21.019	ug/l	99
89) n-Butylbenzene	13.83	91	239512	20.520	ug/l	99
90) Hexachloroethane	14.10	117	39026	18.052	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	122538	21.282	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6877	19.071	ug/l	99

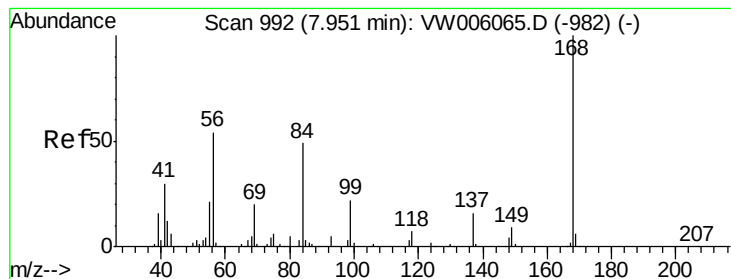
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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93646	21.137	ug/l	99
94) Hexachlorobutadiene	15.24	225	57853	20.787	ug/l	99
95) Naphthalene	15.38	128	160523	21.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	83075	21.679	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

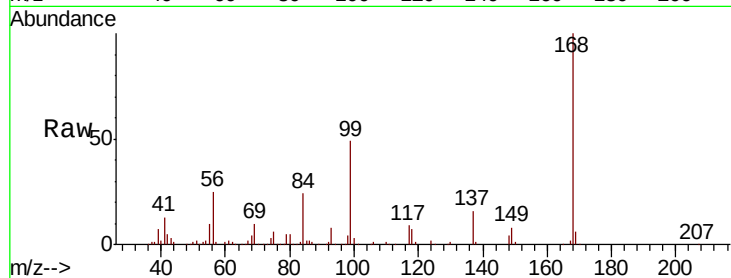
VW1018SBSD02

Tot Ion:168 Resp: 248370

Ion Ratio Lower Upper

168 100

99 48.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

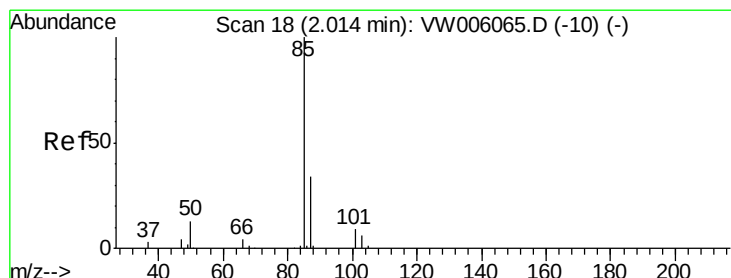
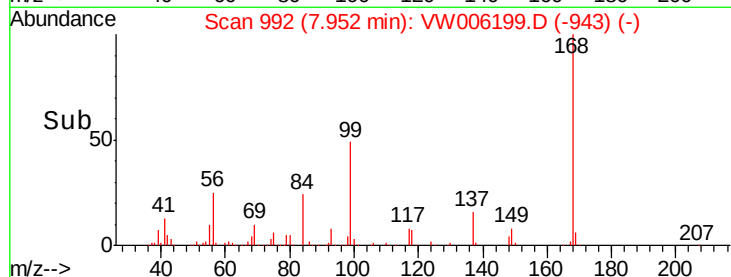
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 16.483 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006199.D

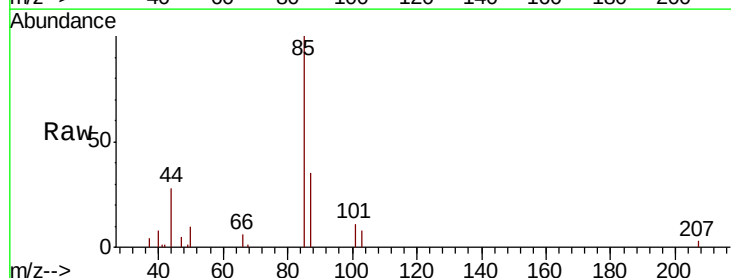
Acq: 19 Oct 2018 03:29

Tgt Ion: 85 Resp: 20259

Ion Ratio Lower Upper

85 100

87 35.3 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

6000

5000

4000

3000

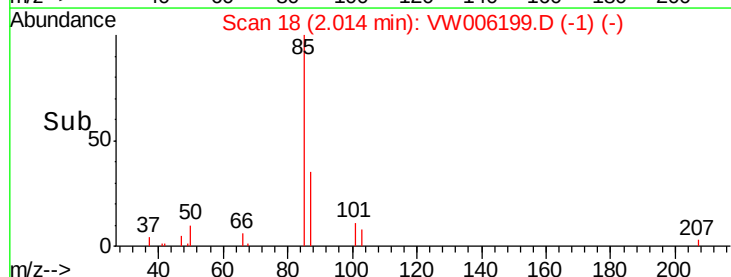
2000

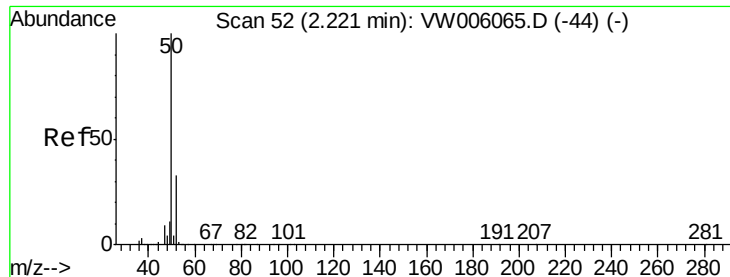
1000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 17.756 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

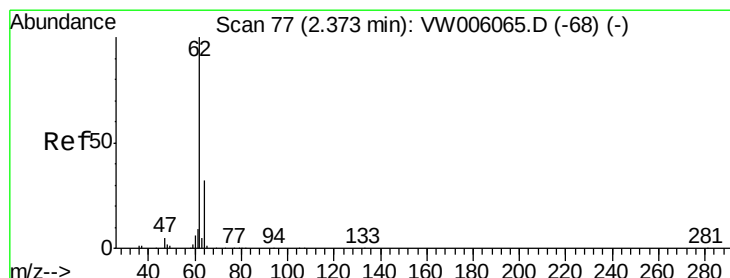
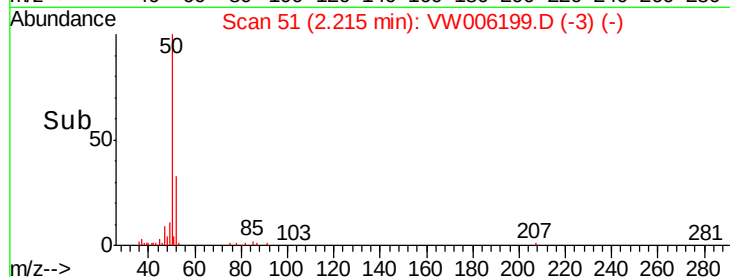
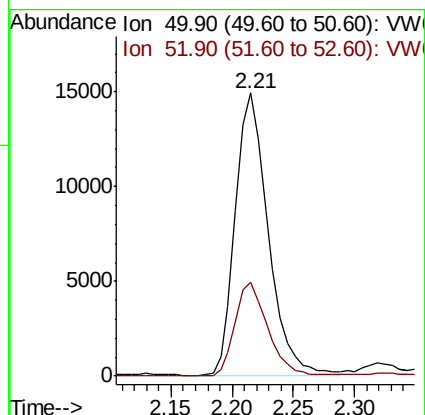
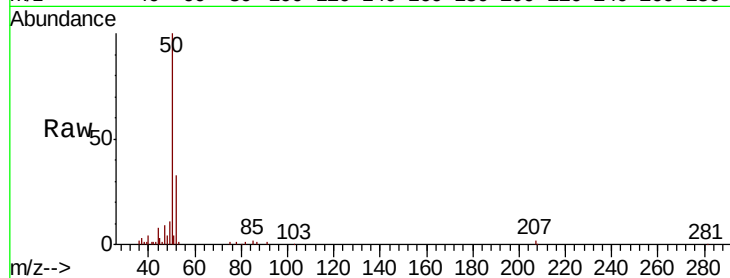
VW1018SBSD02

Tot Ion: 50 Resp: 28092

Ion Ratio Lower Upper

50 100

52 33.3 26.8 40.2



#4

Vinyl Chloride

Concen: 18.539 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006199.D

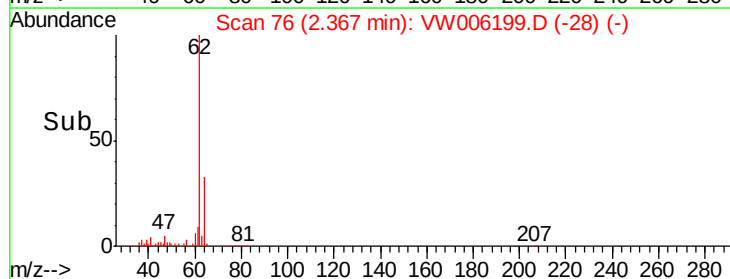
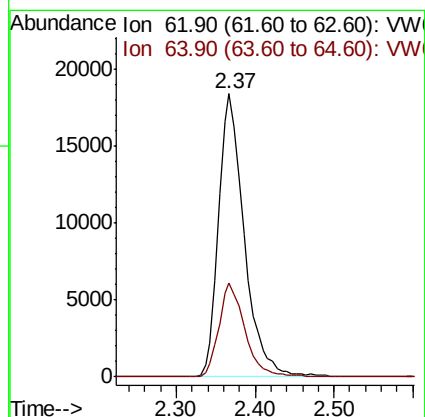
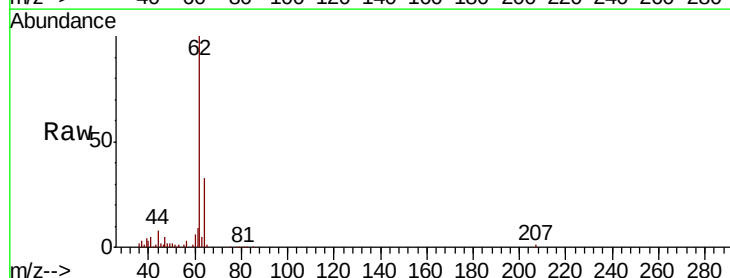
Acq: 19 Oct 2018 03:29

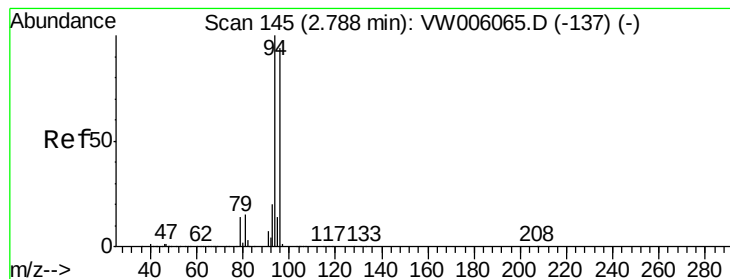
Tgt Ion: 62 Resp: 41888

Ion Ratio Lower Upper

62 100

64 33.2 25.9 38.9





#5

Bromomethane

Concen: 20.128 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

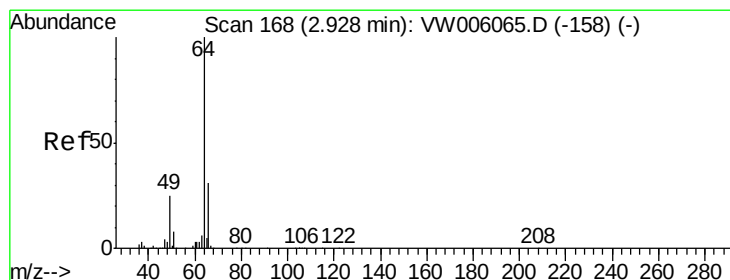
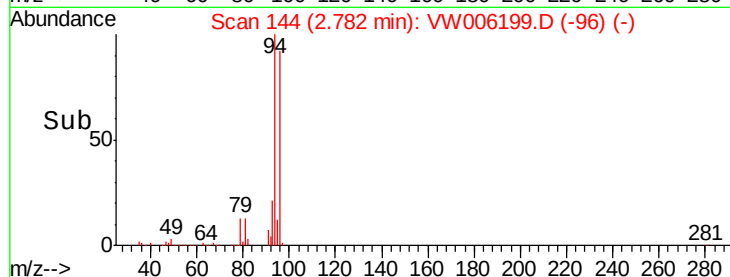
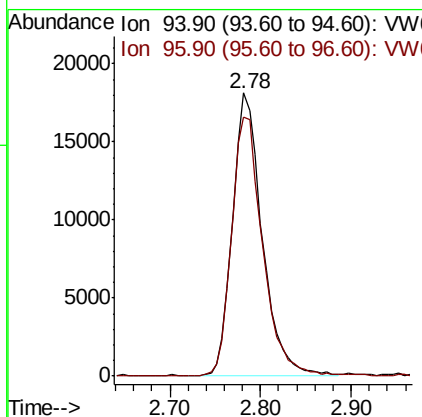
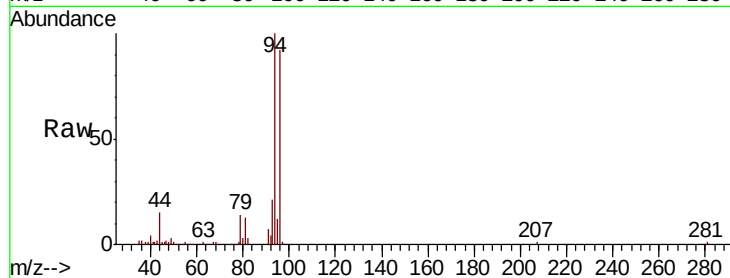
VW1018SBSD02

Tot Ion: 94 Resp: 41364

Ion Ratio Lower Upper

94 100

96 91.7 74.9 112.3



#6

Chloroethane

Concen: 19.971 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006199.D

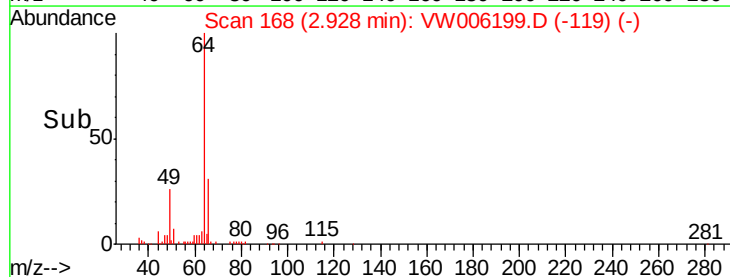
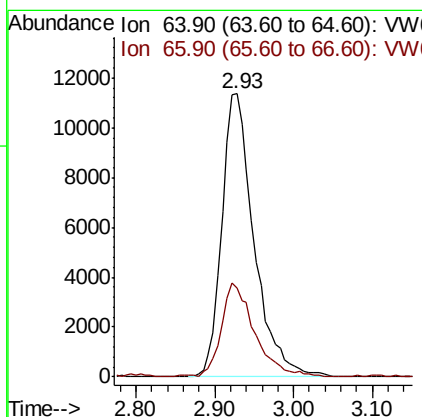
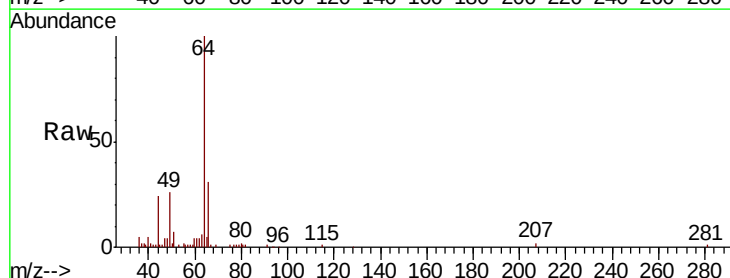
Acq: 19 Oct 2018 03:29

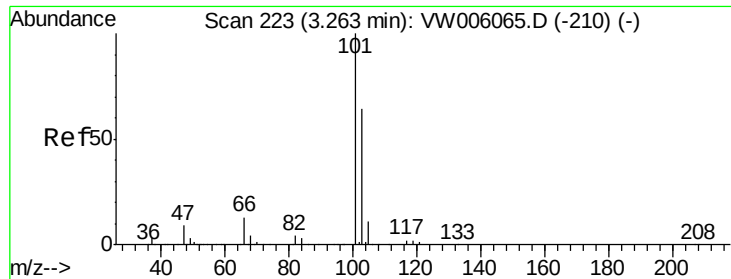
Tgt Ion: 64 Resp: 32337

Ion Ratio Lower Upper

64 100

66 31.3 24.9 37.3



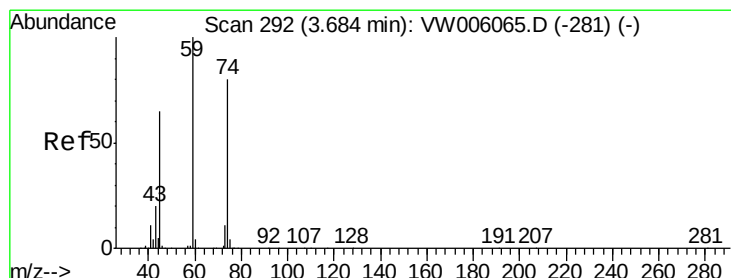
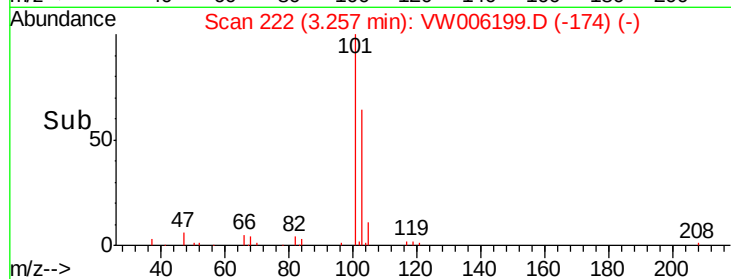
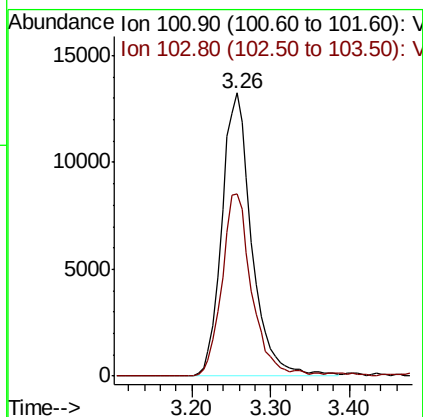
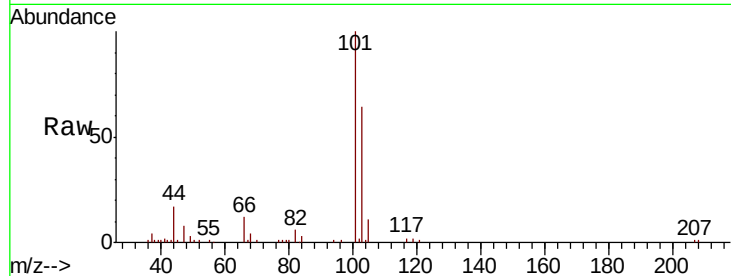


#7

Trichlorofluoromethane
Concen: 16.605 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

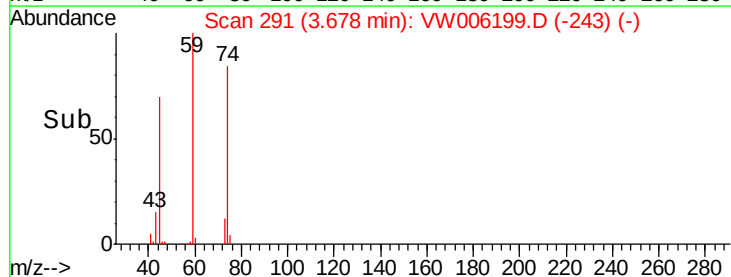
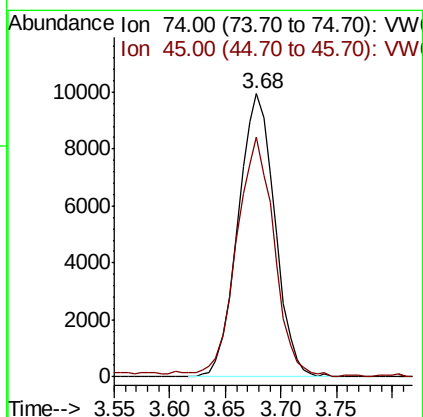
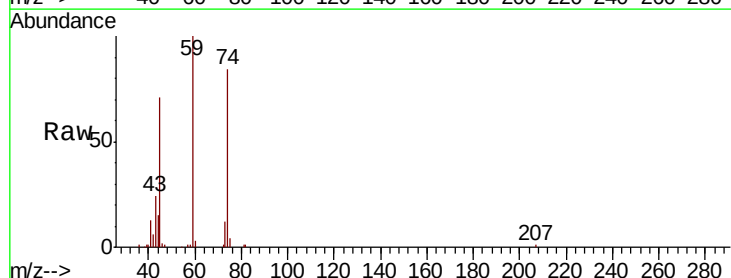
Tot Ion:101 Resp: 34950
Ion Ratio Lower Upper
101 100
103 64.2 51.2 76.8

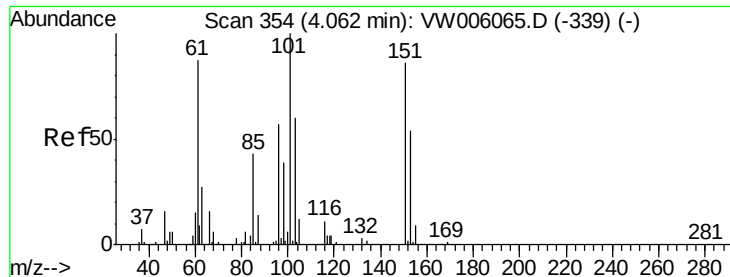


#8

Diethyl Ether
Concen: 20.391 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 74 Resp: 22810
Ion Ratio Lower Upper
74 100
45 87.1 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.104 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

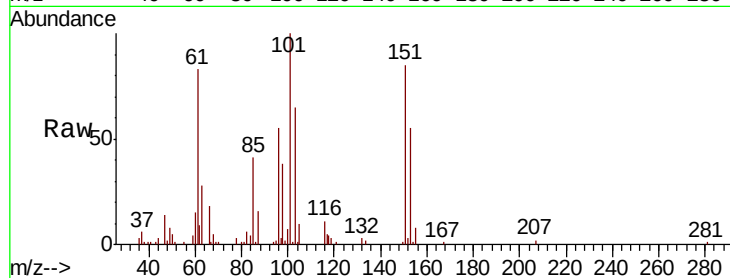
Tot Ion:101 Resp: 44345

Ion Ratio Lower Upper

101 100

85 43.0 34.9 52.3

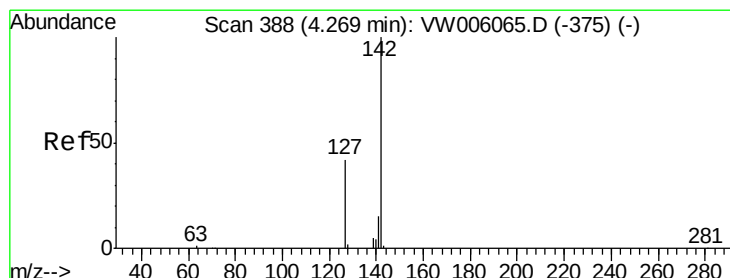
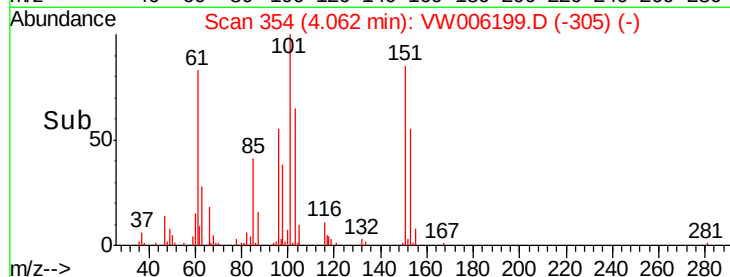
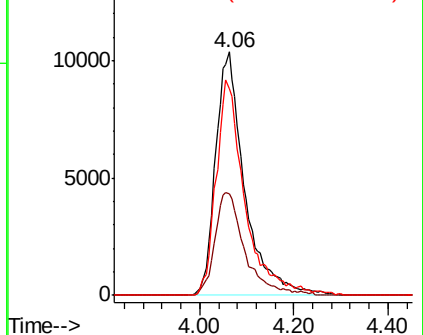
151 87.0 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.521 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

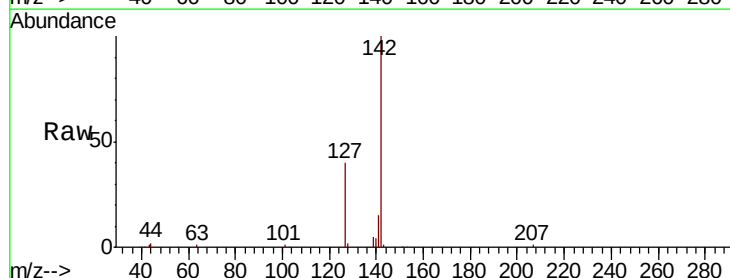
Tgt Ion:142 Resp: 75341

Ion Ratio Lower Upper

142 100

127 42.5 33.6 50.4

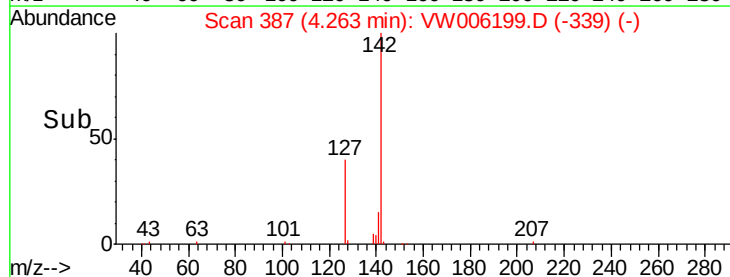
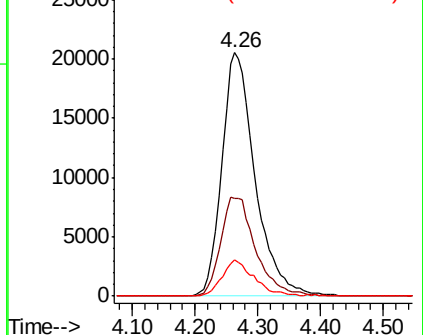
141 14.1 11.6 17.4

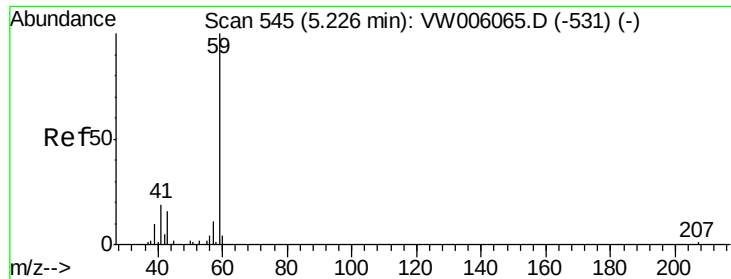


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

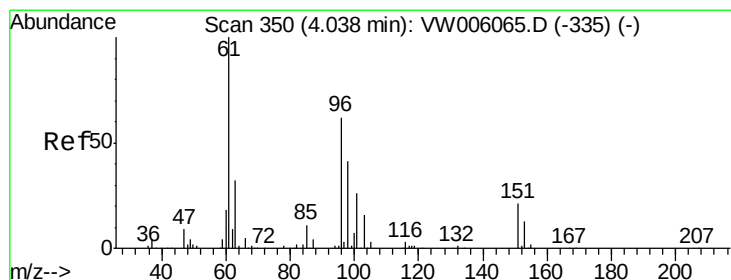
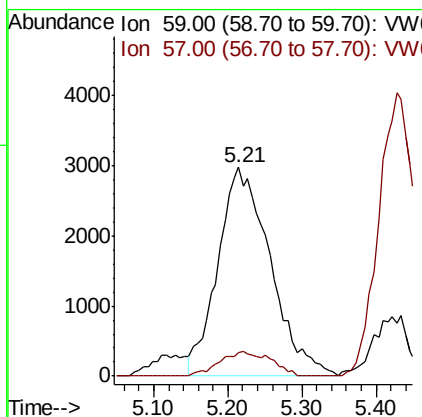
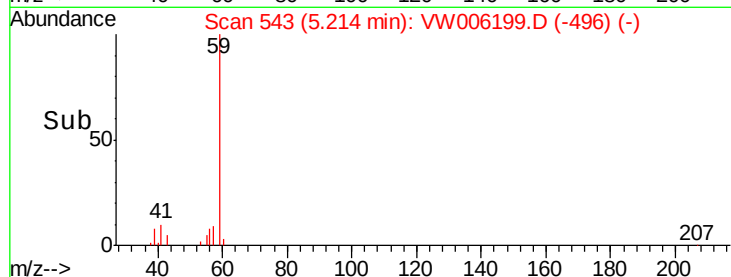
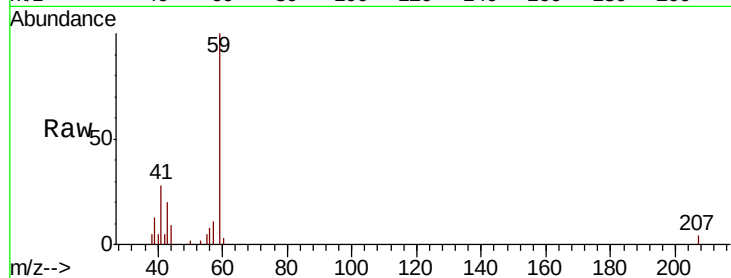




#11
Tert butyl alcohol
Concen: 105.665 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

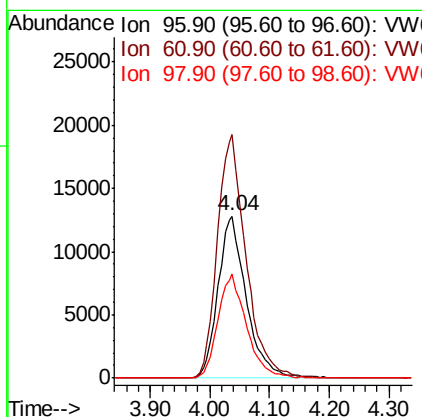
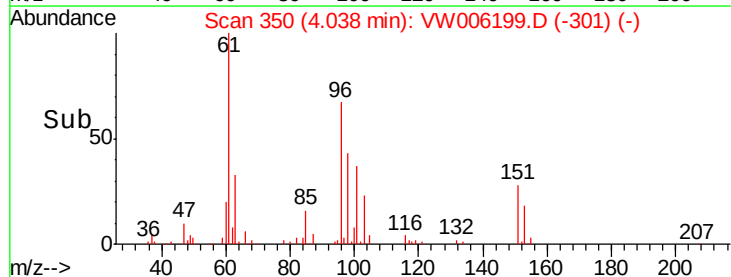
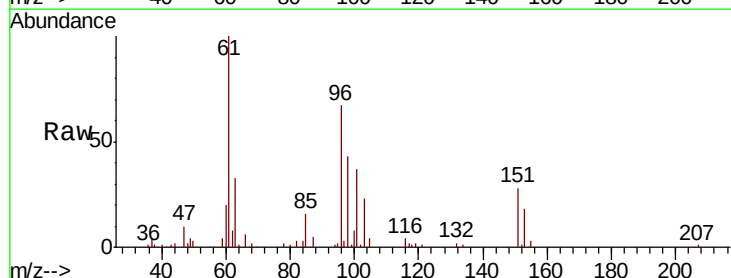
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

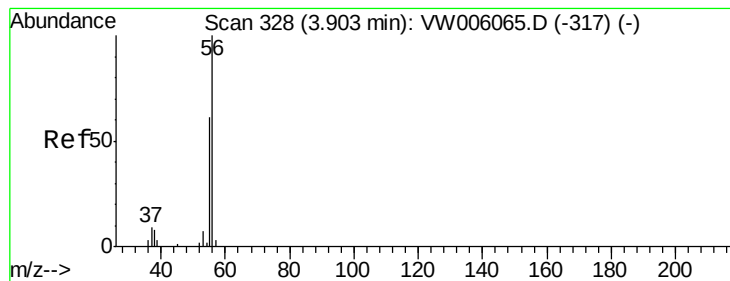
Tot Ion: 59 Resp: 14633
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1



#12
1,1-Dichloroethene
Concen: 20.353 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 96 Resp: 42236
Ion Ratio Lower Upper
96 100
61 150.1 129.3 193.9
98 63.9 53.1 79.7





#13

Acrolein

Concen: 99.237 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

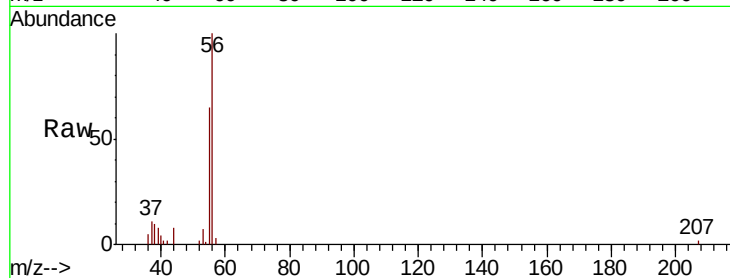
VW1018SBSD02

Tot Ion: 56 Resp: 13298

Ion Ratio Lower Upper

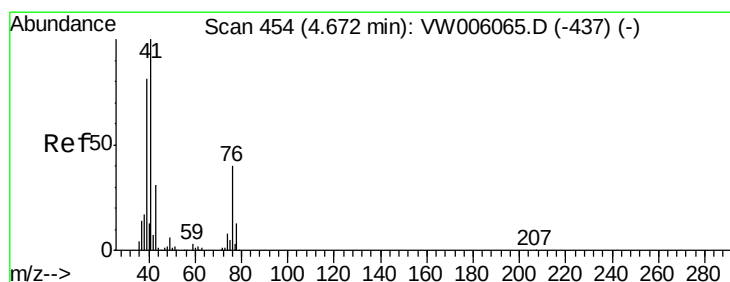
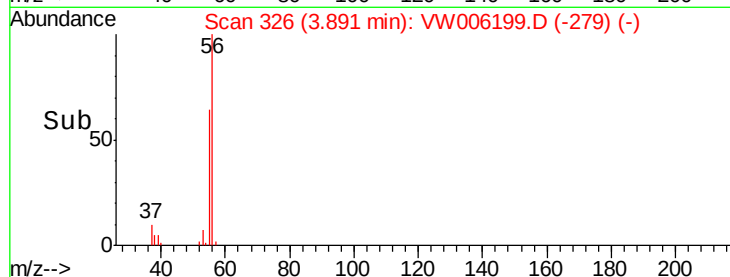
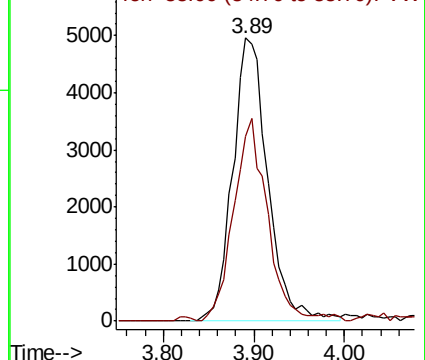
56 100

55 68.3 54.5 81.7



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.397 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

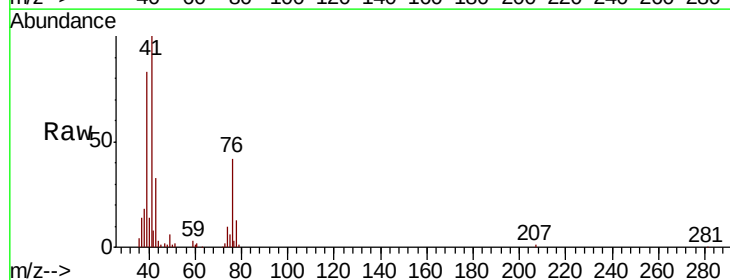
Tgt Ion: 41 Resp: 57556

Ion Ratio Lower Upper

41 100

39 81.1 64.1 96.1

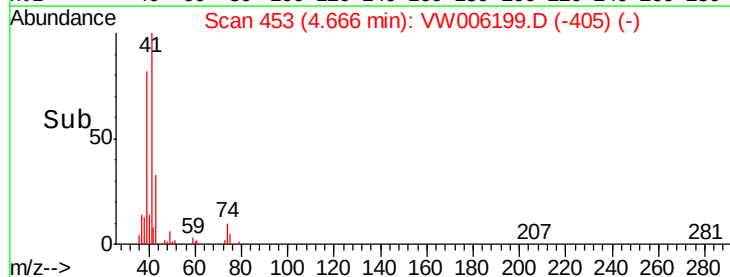
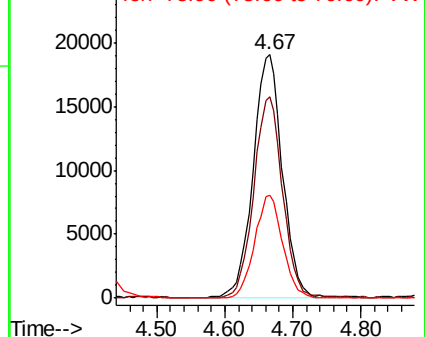
76 40.0 32.2 48.4

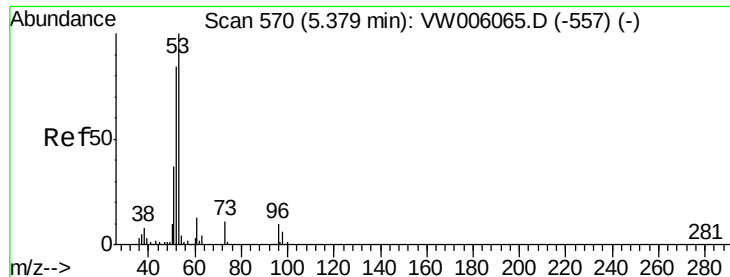


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW

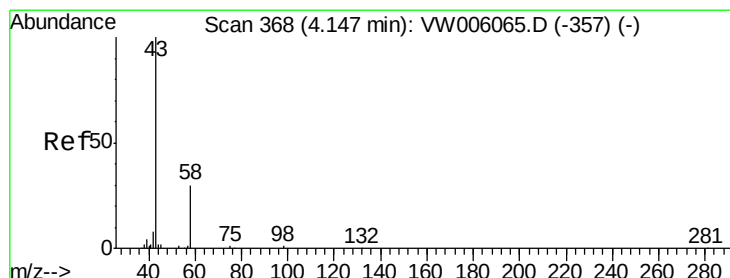
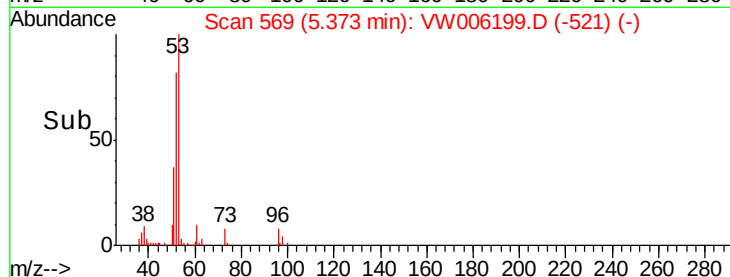
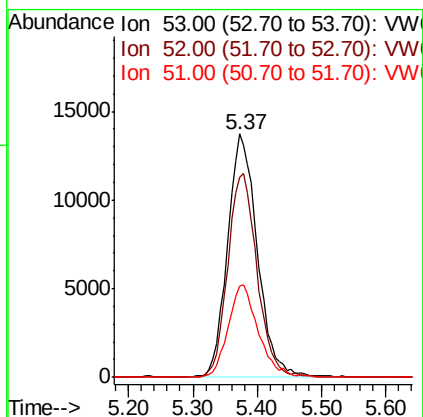
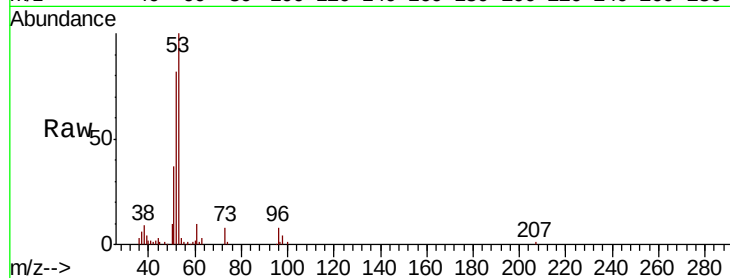




#15
 Acrylonitrile
 Concen: 110.800 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

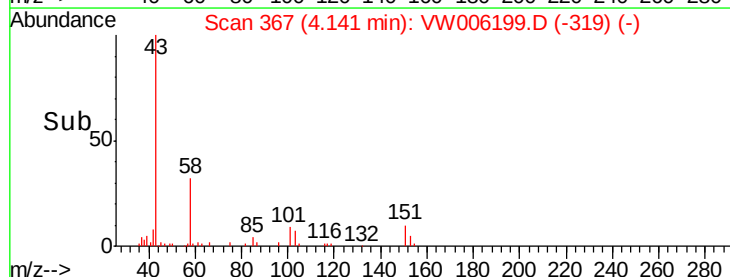
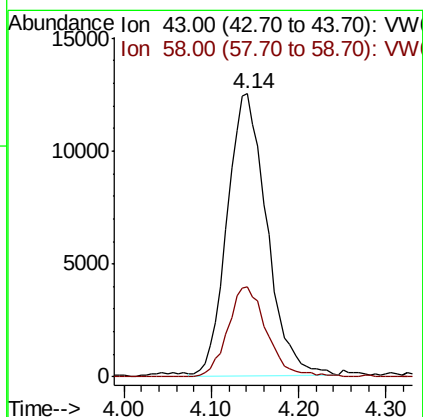
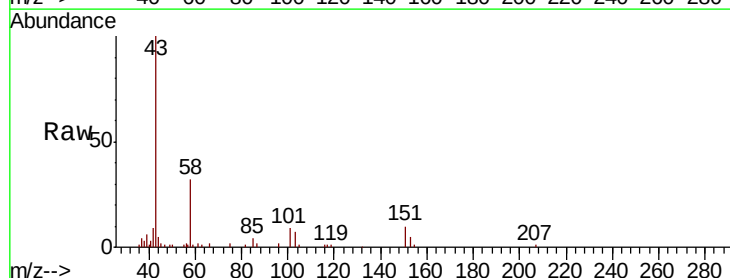
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

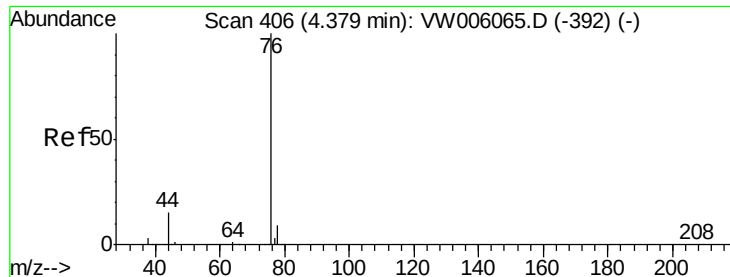
Tot Ion	53	Resp	44455
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.9	100.3
51	38.5	30.1	45.1



#16
 Acetone
 Concen: 92.447 ug/l
 RT: 4.14 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	43	Resp	39317
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.0	36.0

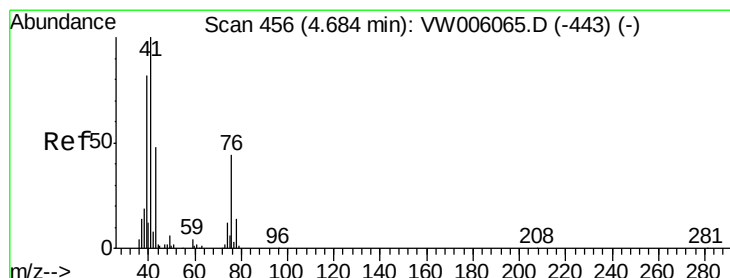
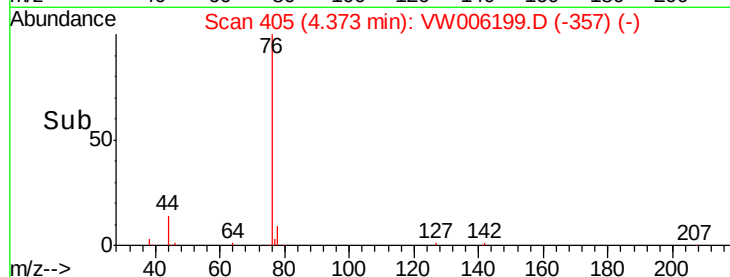
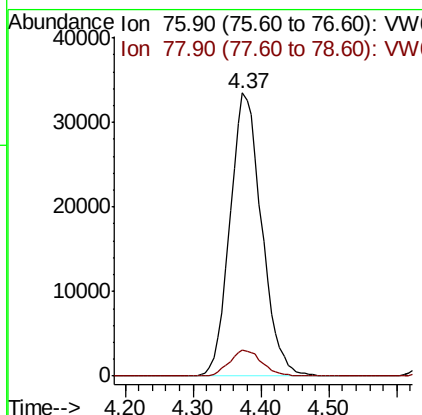
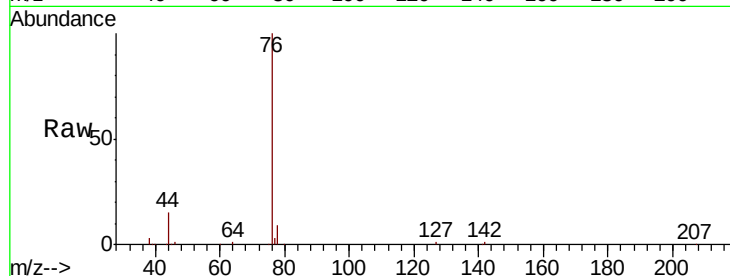




#17
Carbon Disulfide
Concen: 17.267 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

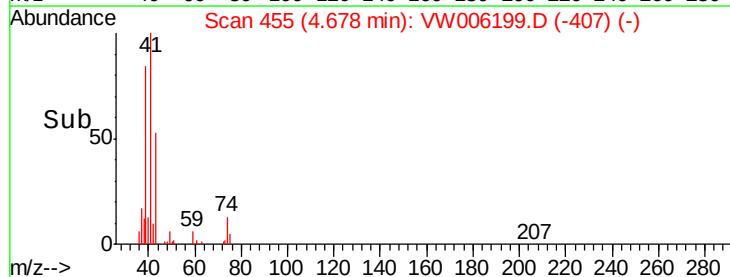
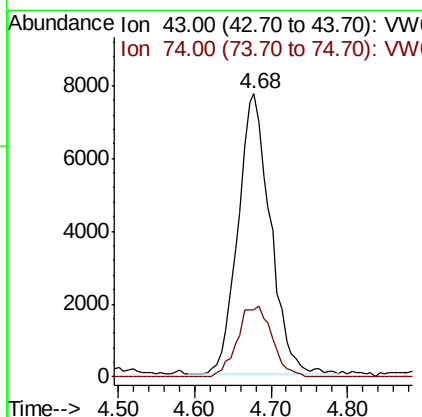
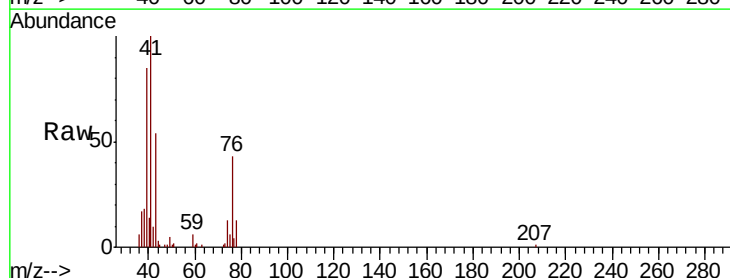
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

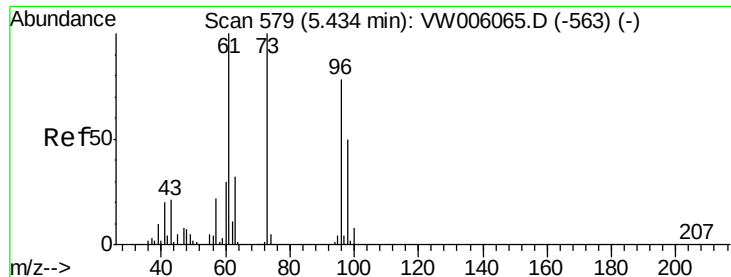
Tot Ion: 76 Resp: 108146
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 21.767 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 43 Resp: 22556
Ion Ratio Lower Upper
43 100
74 27.0 20.5 30.7

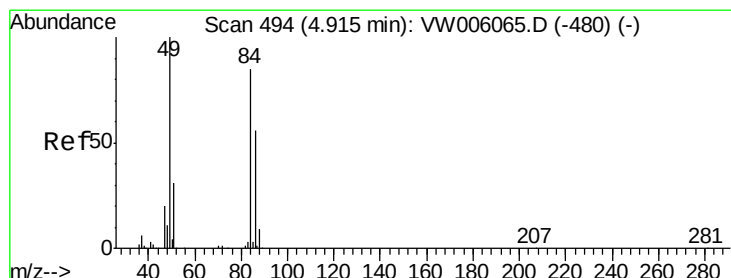
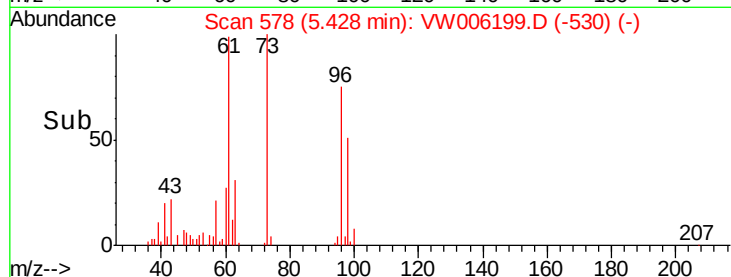
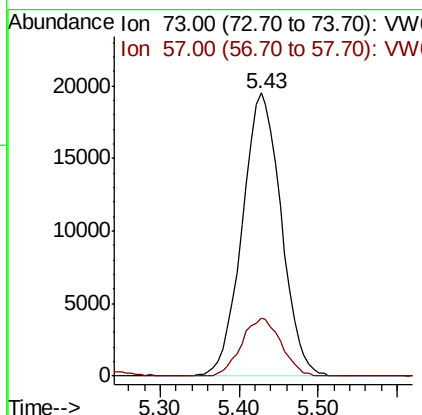
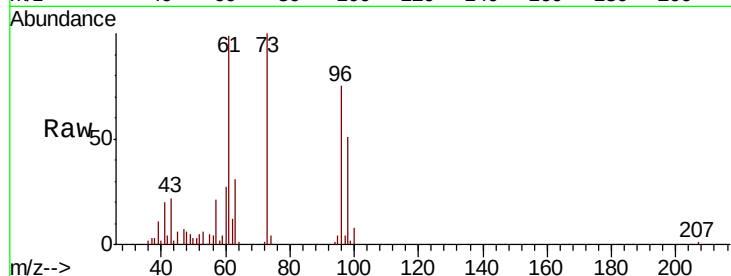




#19
Methyl tert-butyl Ether
Concen: 21.187 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

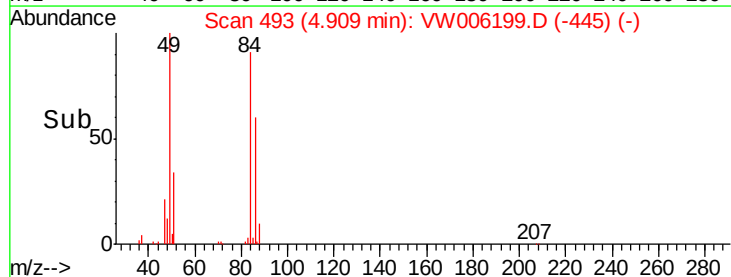
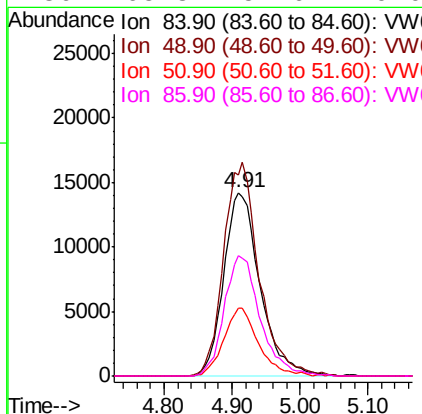
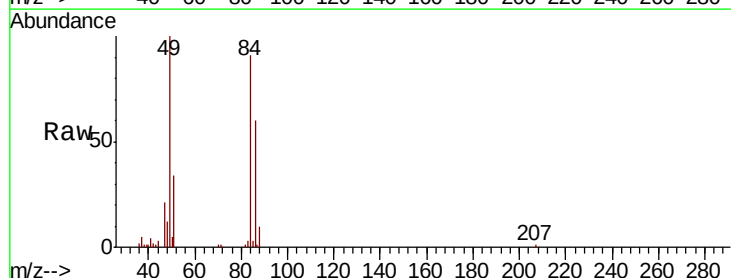
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

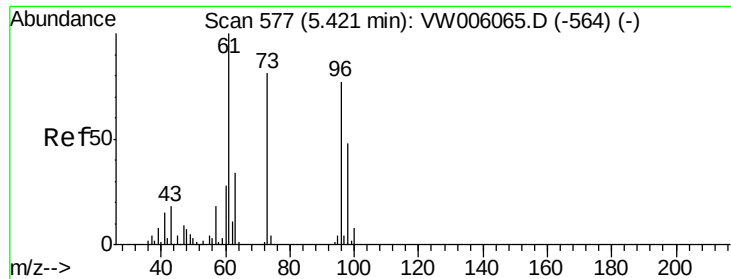
Tot Ion: 73 Resp: 66967
Ion Ratio Lower Upper
73 100
57 20.7 17.4 26.2



#20
Methylene Chloride
Concen: 23.237 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 84 Resp: 52527
Ion Ratio Lower Upper
84 100
49 109.7 93.6 140.4
51 37.0 29.0 43.4
86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.986 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

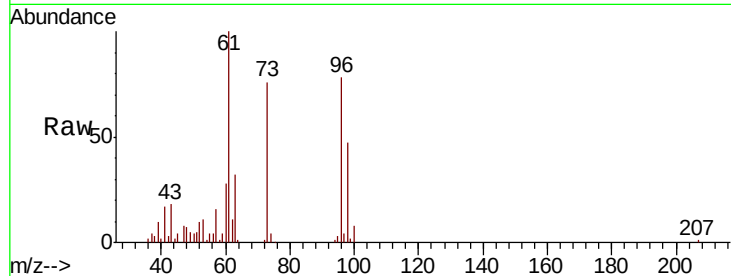
Tot Ion: 96 Resp: 48611

Ion Ratio Lower Upper

96 100

61 129.0 104.5 156.7

98 60.3 50.6 75.8

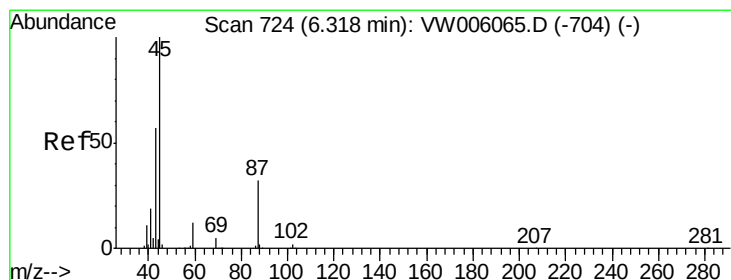
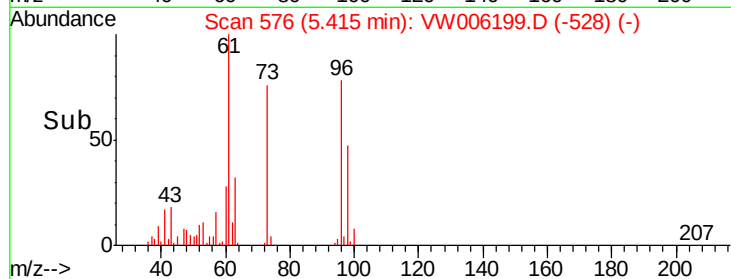
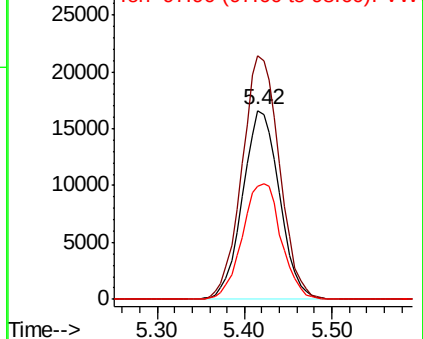


Abundance

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



#22

Diisopropyl ether

Concen: 21.176 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion: 45 Resp: 124167

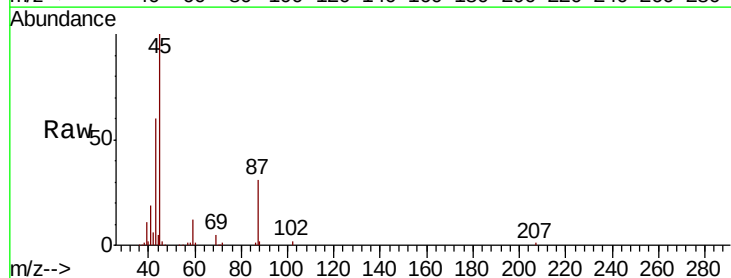
Ion Ratio Lower Upper

45 100

43 58.7 45.7 68.5

87 30.6 25.9 38.9

59 11.6 9.6 14.4



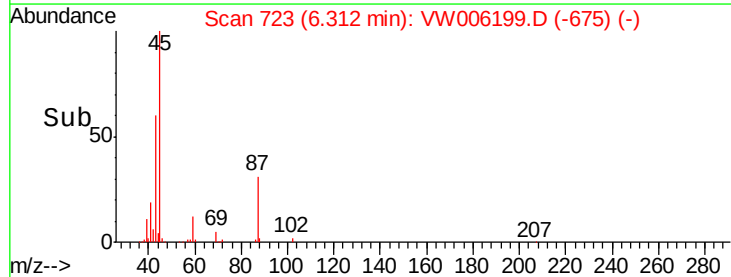
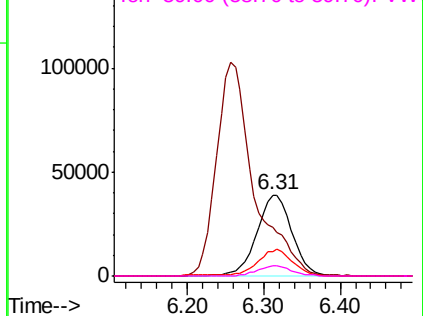
Abundance

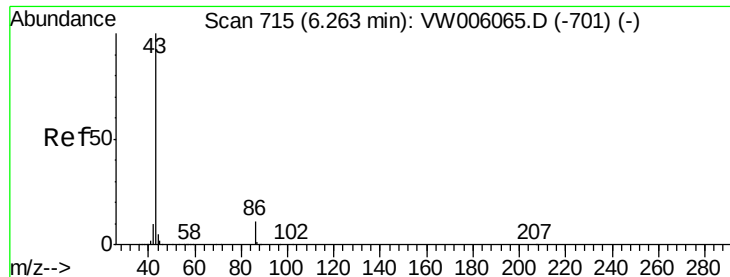
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 101.137 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

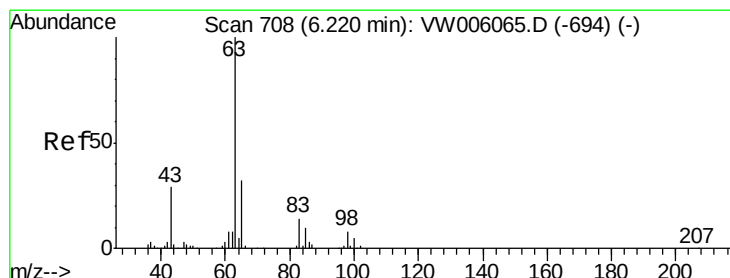
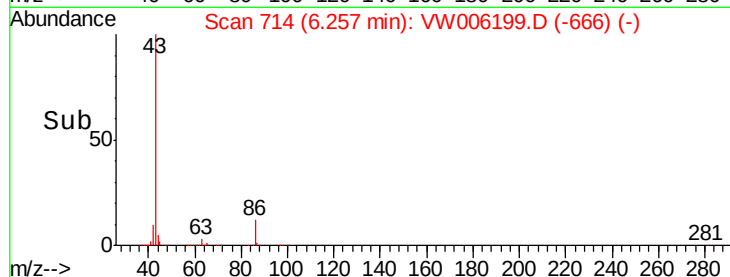
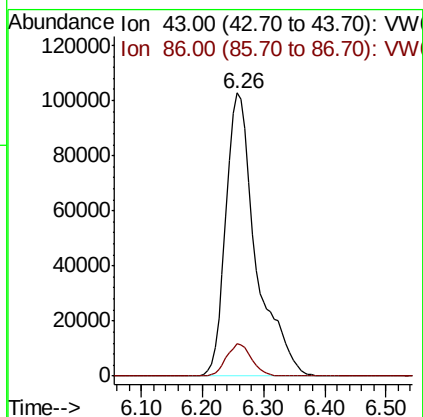
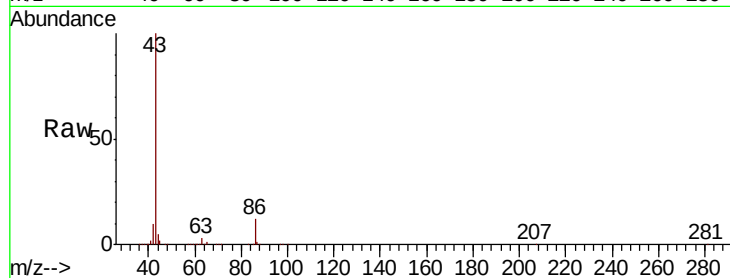
VW1018SBSD02

Tot Ion: 43 Resp: 349983

Ion Ratio Lower Upper

43 100

86 11.6 9.0 13.6



#24

1,1-Dichloroethane

Concen: 21.578 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

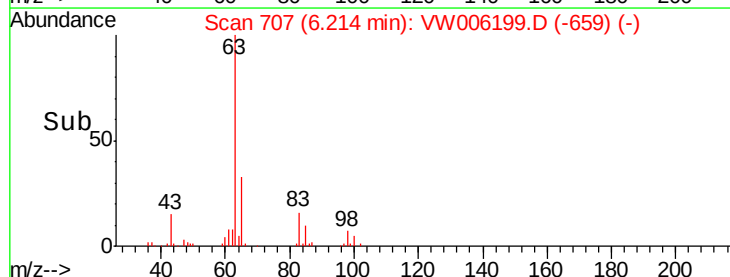
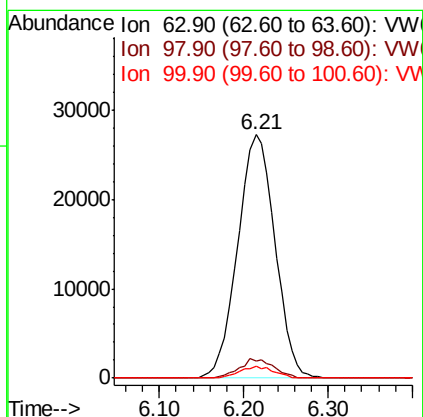
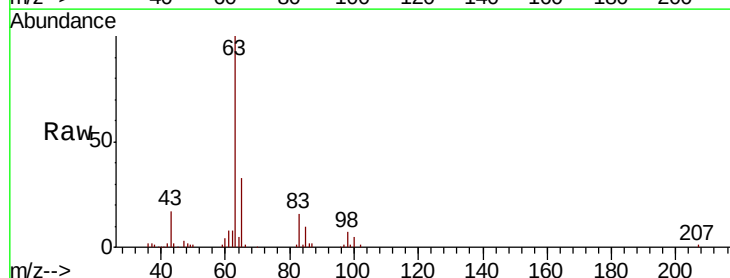
Tgt Ion: 63 Resp: 81642

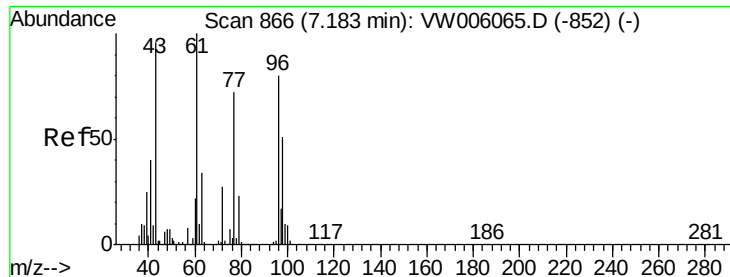
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 108.086 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

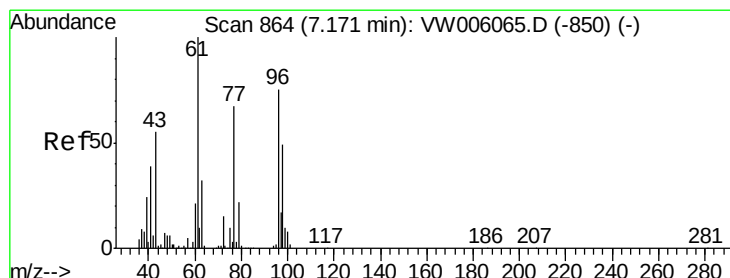
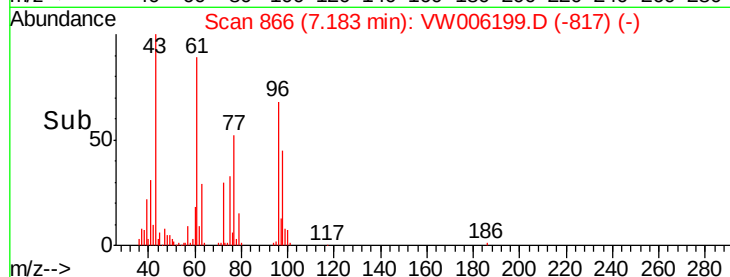
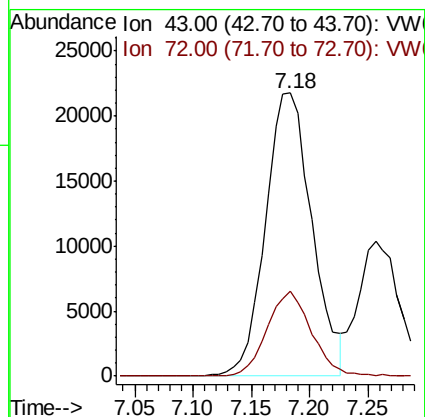
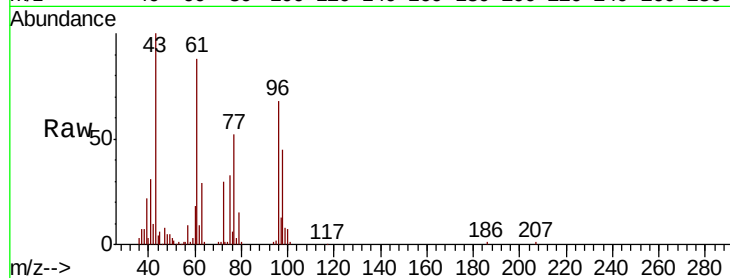
VW1018SBS02

Tot Ion: 43 Resp: 60125

Ion Ratio Lower Upper

43 100

72 30.1 22.8 34.2



#26

2,2-Dichloropropane

Concen: 17.611 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006199.D

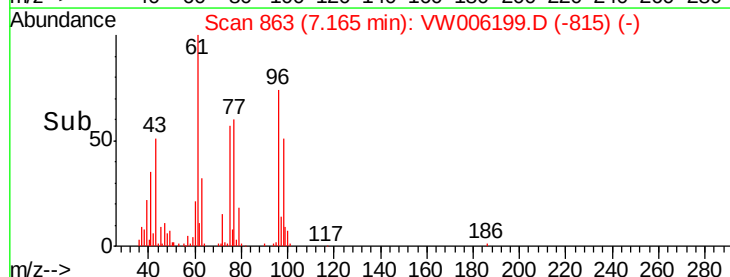
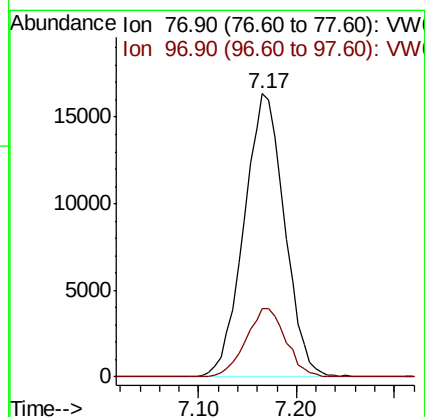
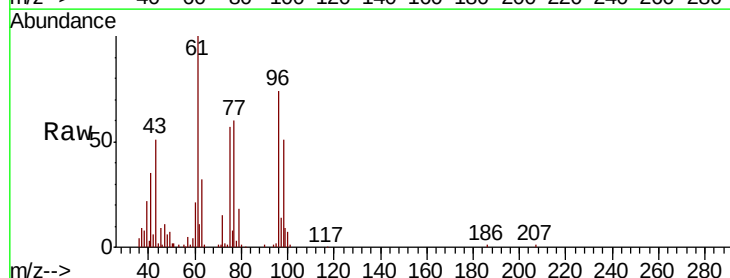
Acq: 19 Oct 2018 03:29

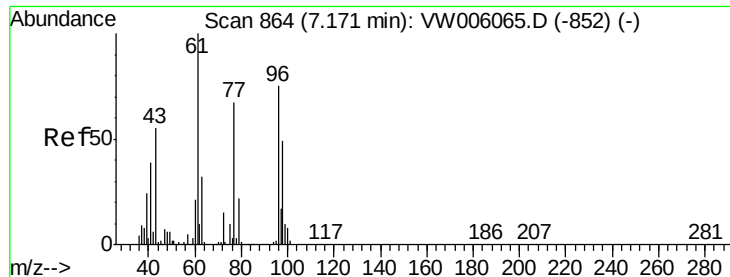
Tgt Ion: 77 Resp: 46997

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.4



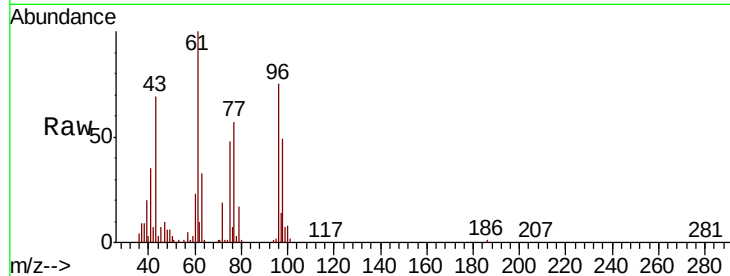


#27

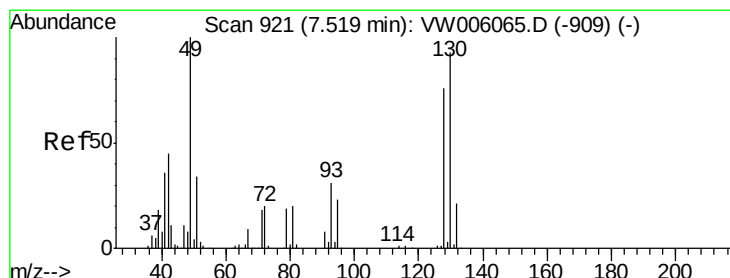
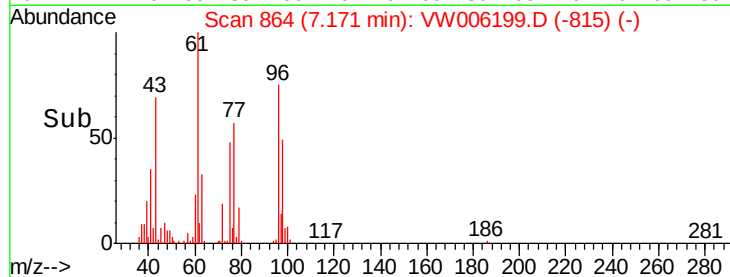
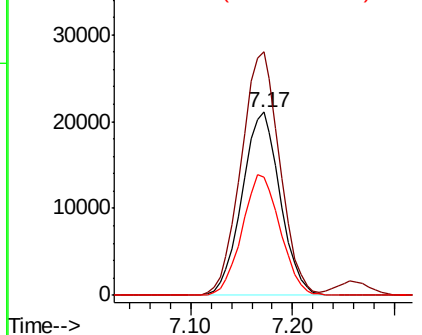
cis-1,2-Dichloroethene
 Concen: 21.400 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	267.2
98	65.9	0.0	128.6



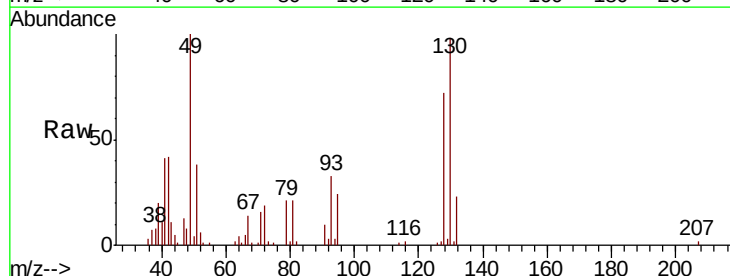
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



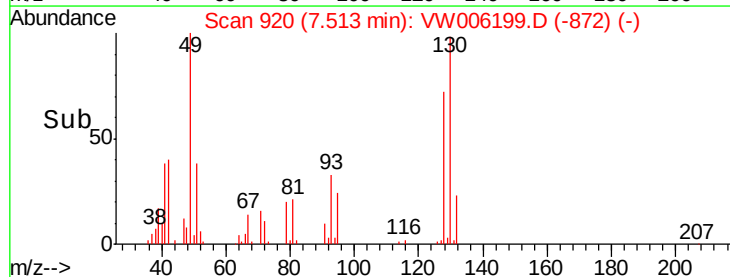
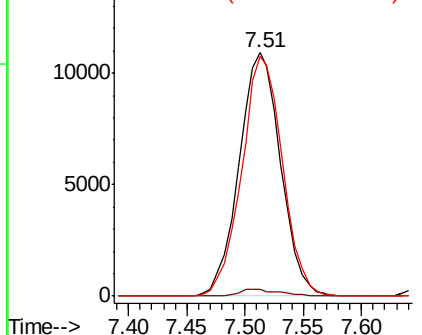
#28

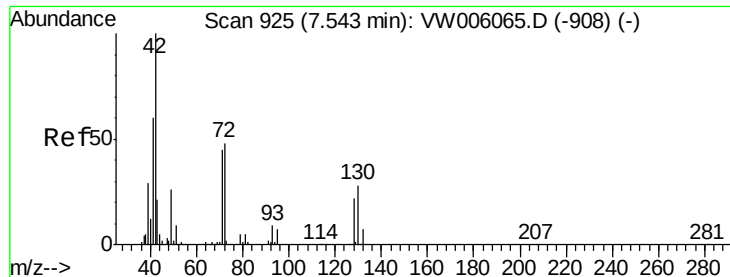
Bromochloromethane
 Concen: 18.535 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	97.0	73.8	110.8



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: 109.565 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

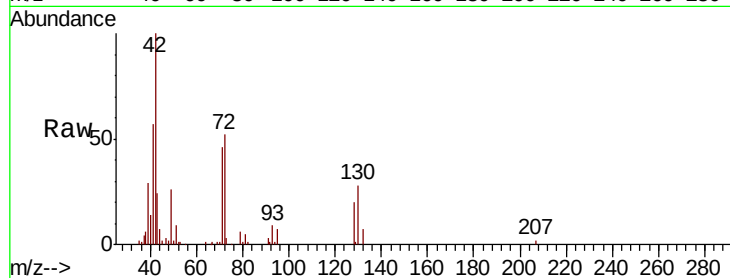
Tot Ion: 42 Resp: 37463

Ion Ratio Lower Upper

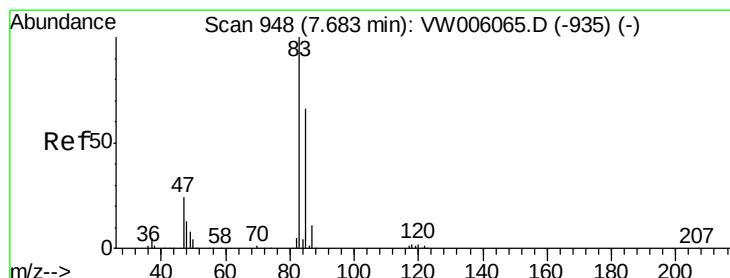
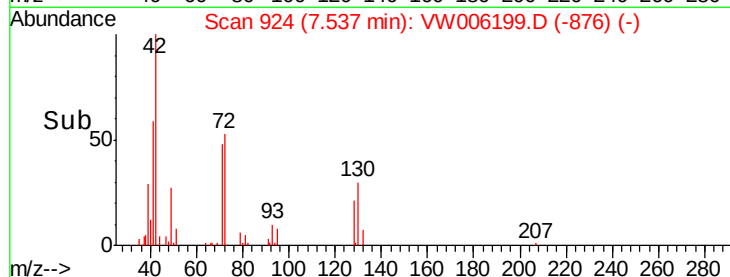
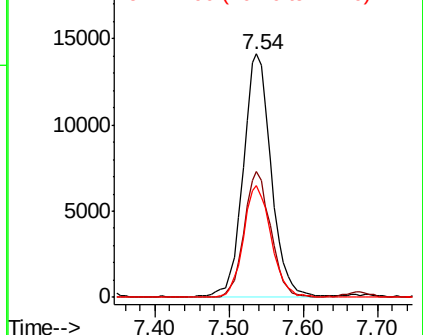
42 100

72 48.8 38.0 57.0

71 45.0 35.3 52.9



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



#30

Chloroform

Concen: 21.825 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006199.D

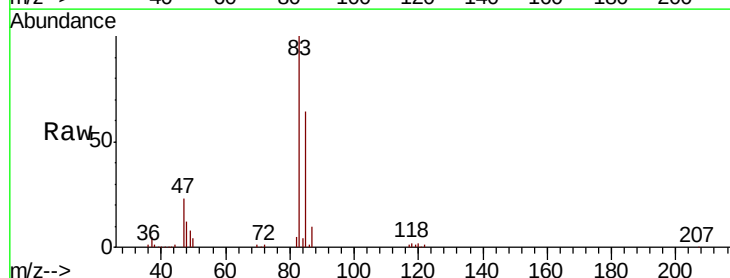
Acq: 19 Oct 2018 03:29

Tgt Ion: 83 Resp: 89969

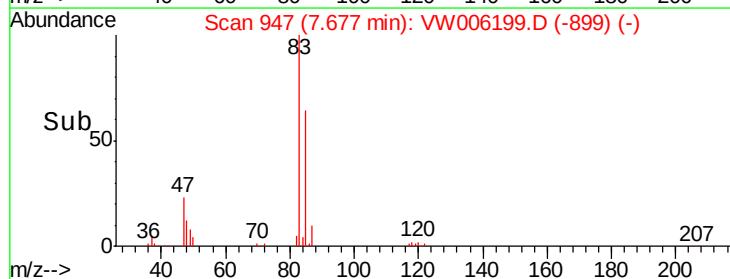
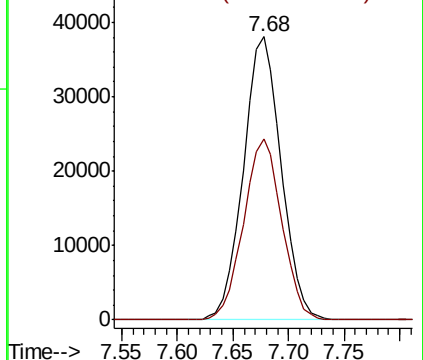
Ion Ratio Lower Upper

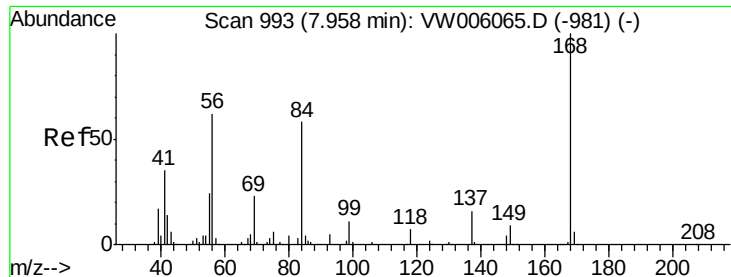
83 100

85 63.9 52.6 79.0



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

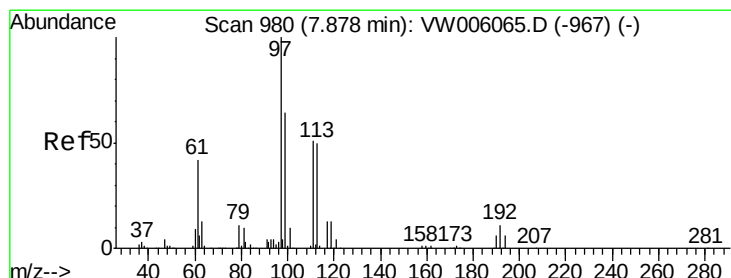
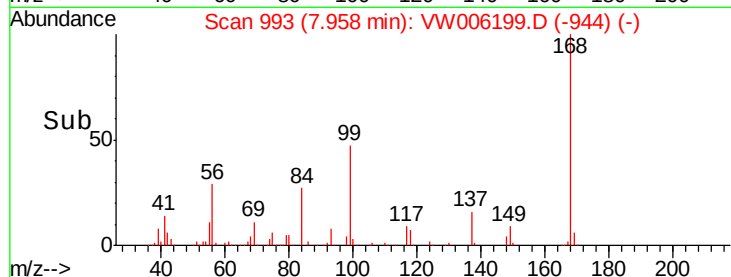
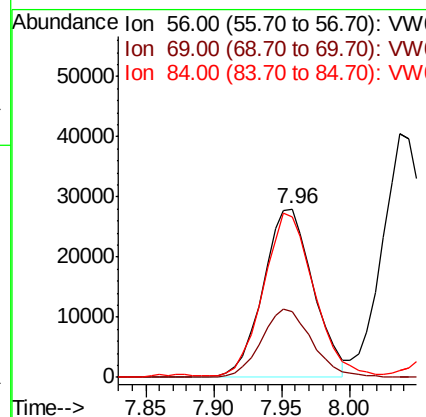
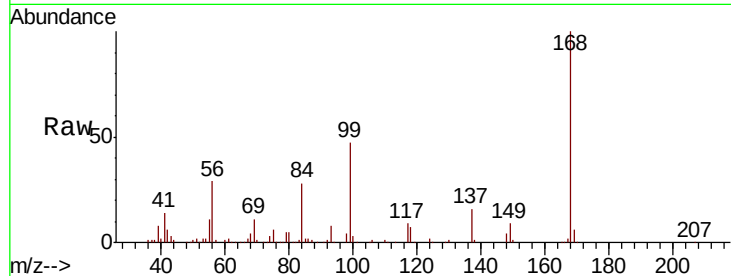




#31
Cyclohexane
Concen: 19.128 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

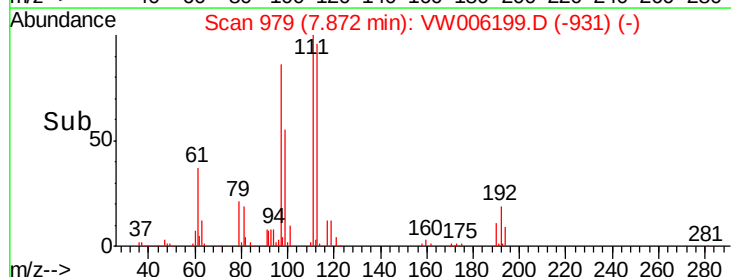
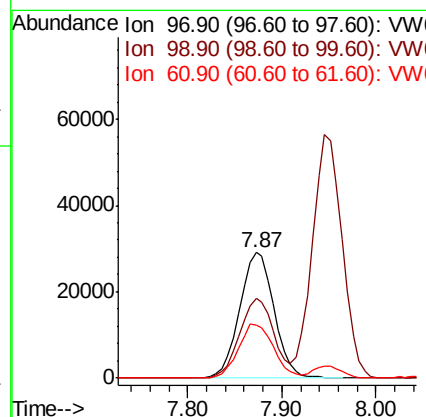
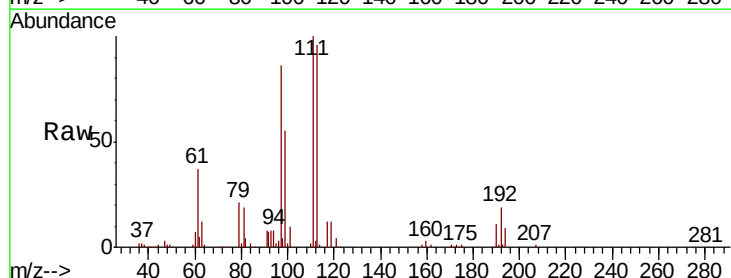
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

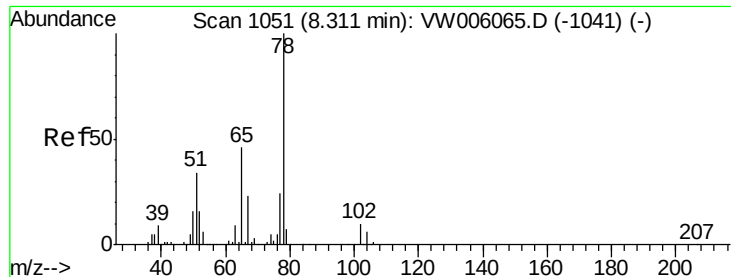
Tot Ion: 56 Resp: 72073
Ion Ratio Lower Upper
56 100
69 38.9 29.4 44.0
84 94.0 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 19.969 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 97 Resp: 74256
Ion Ratio Lower Upper
97 100
99 63.4 50.9 76.3
61 43.9 33.7 50.5

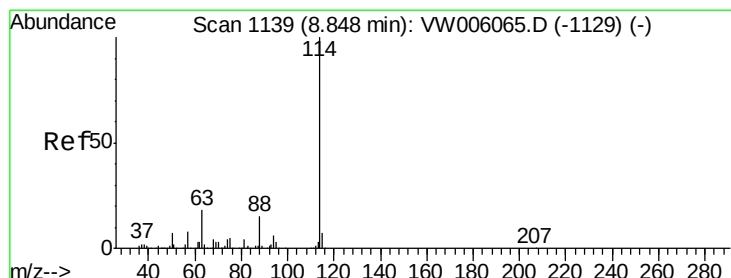
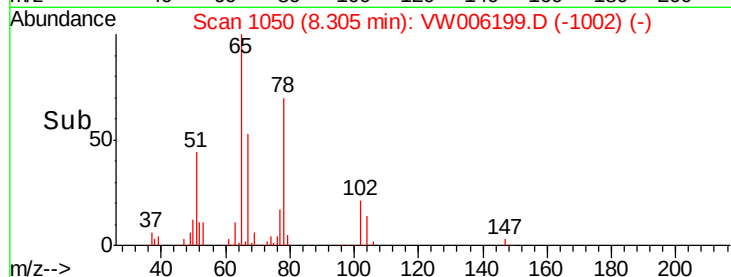
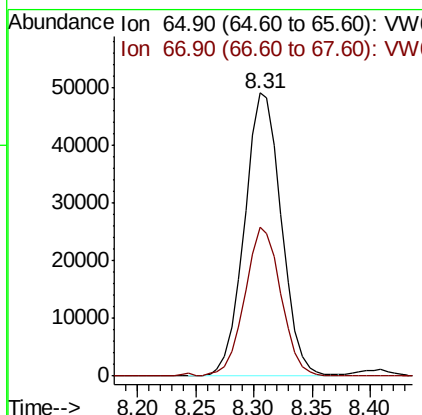
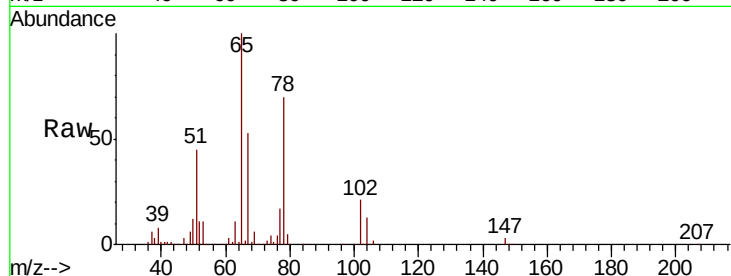




#33
 1,2-Dichloroethane-d4
 Concen: 52.722 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

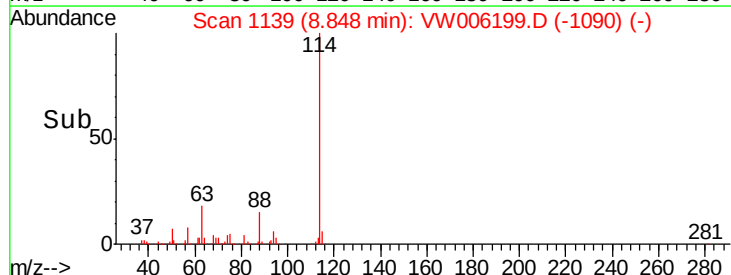
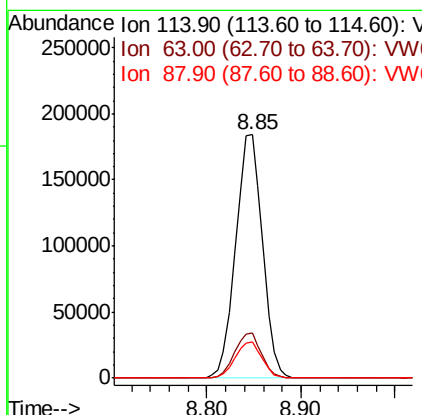
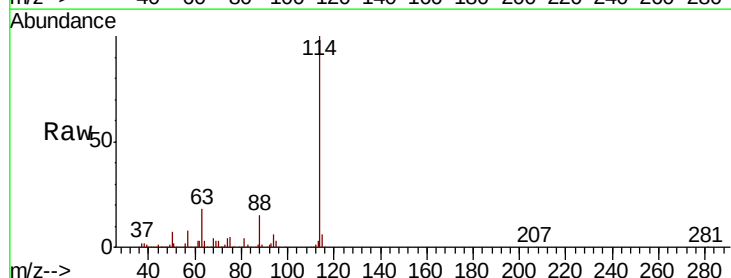
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBSD02

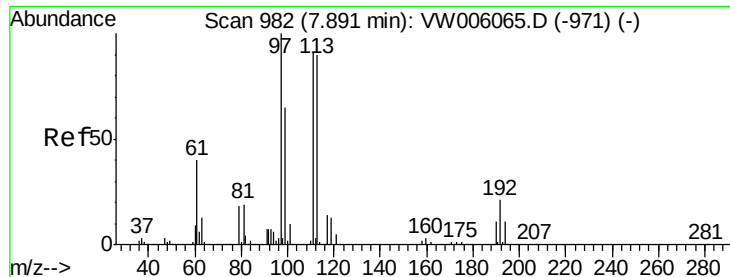
Tot Ion: 65 Resp: 108562
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 114 Resp: 364745
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.8
 88 14.8 0.0 29.0

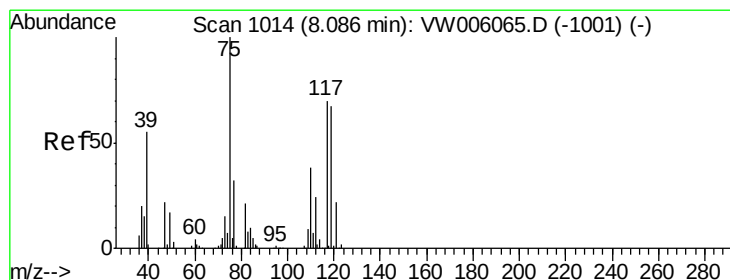
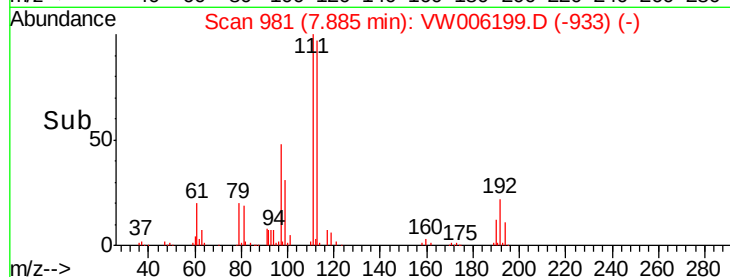
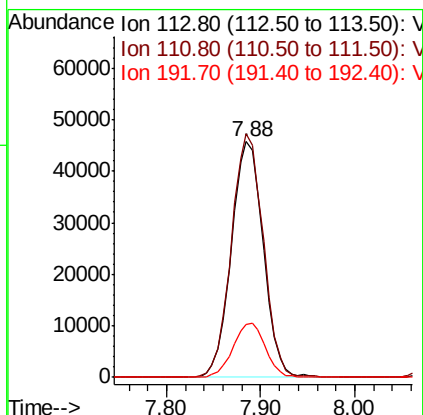
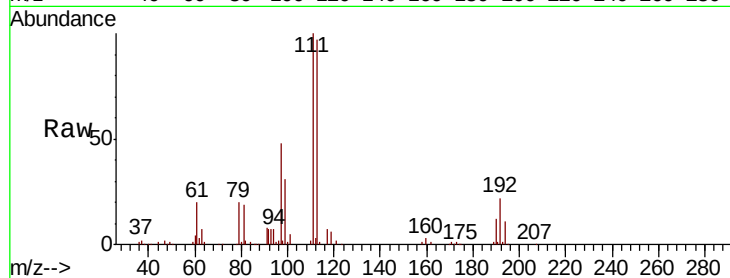




#35
 Dibromofluoromethane
 Concen: 50.177 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

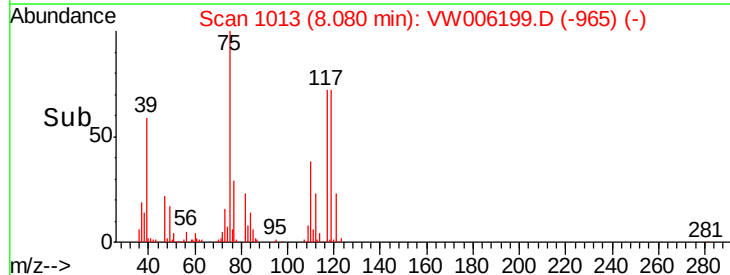
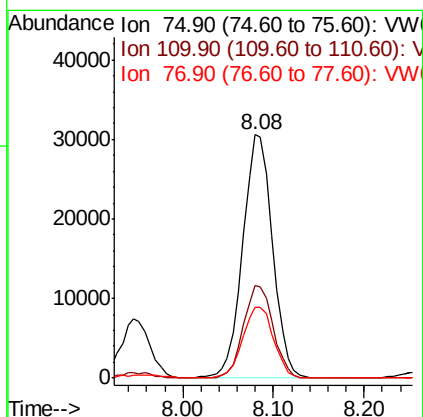
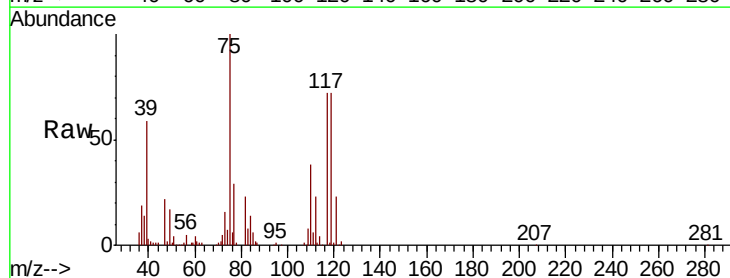
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

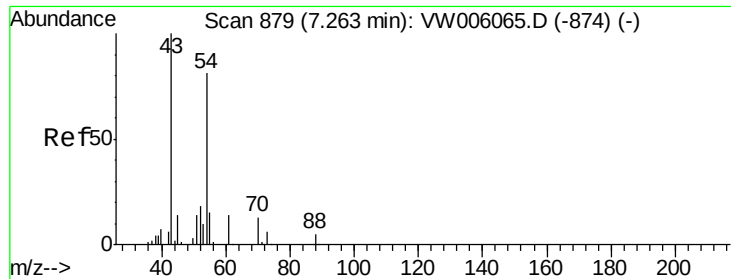
Tot Ion:113 Resp: 108144
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 20.780 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 75 Resp: 69862
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.1 57.1
 77 30.2 25.0 37.4

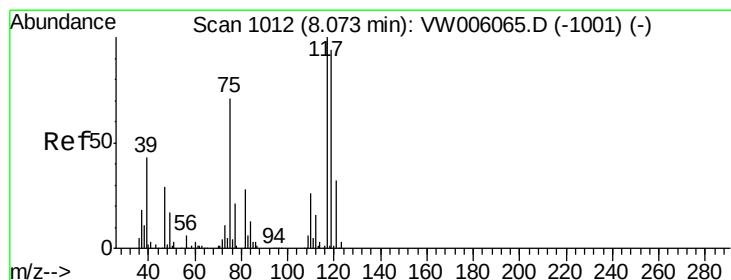
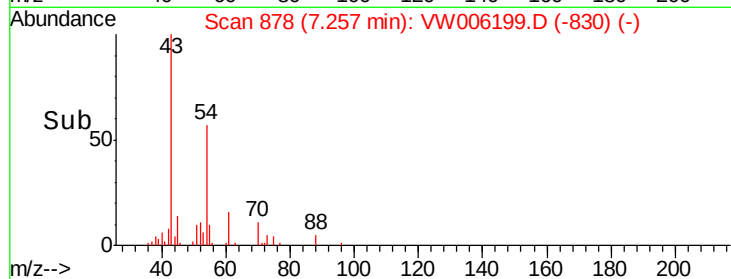
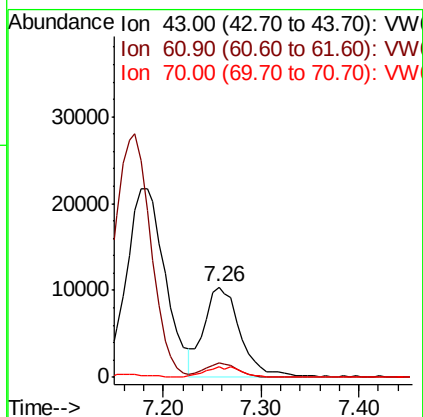
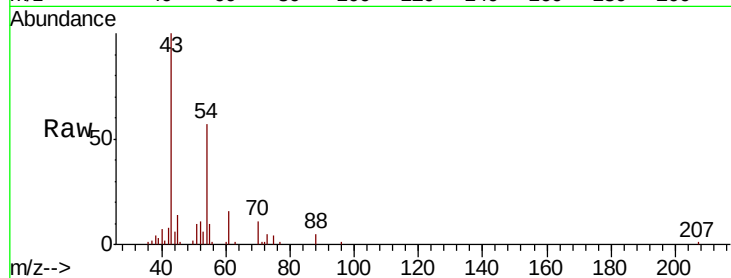




#37
Ethyl Acetate
Concen: 21.108 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

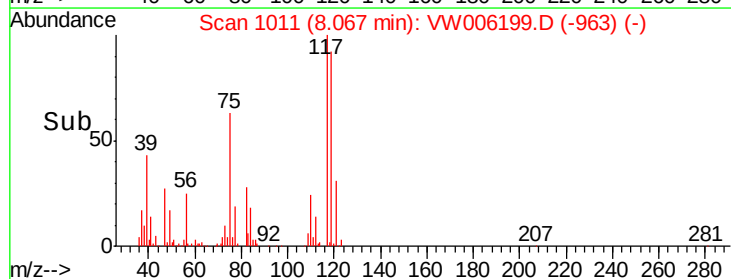
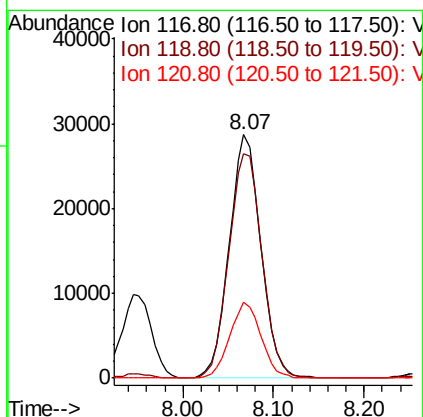
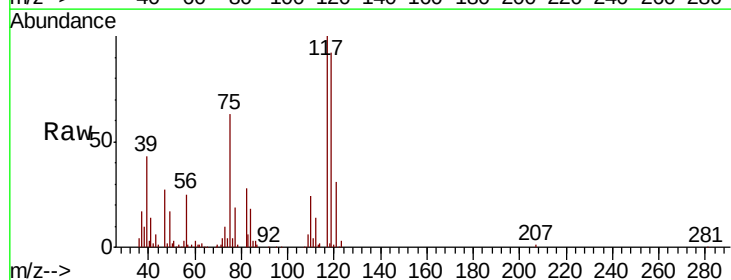
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

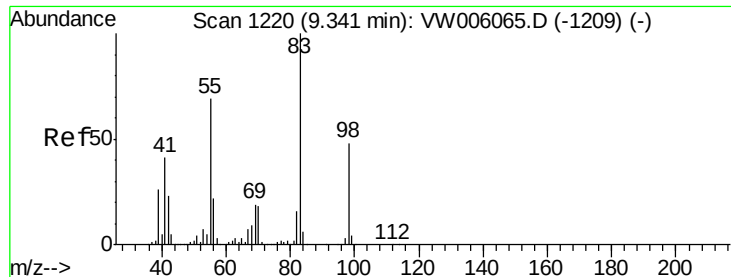
Tot Ion: 43 Resp: 26366
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.845 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 117 Resp: 69455
Ion Ratio Lower Upper
117 100
119 92.2 75.2 112.8
121 31.4 25.3 37.9

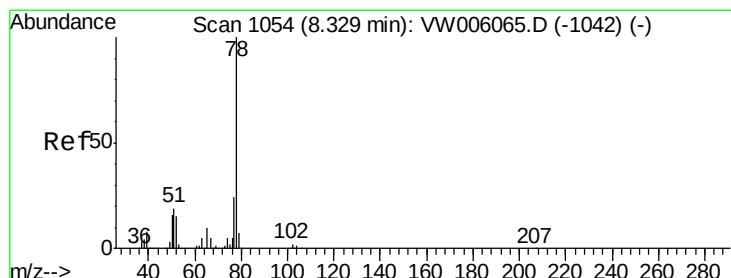
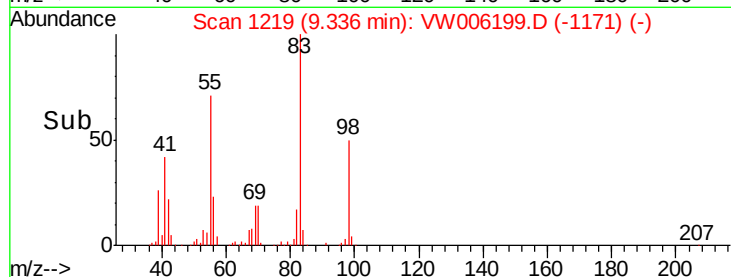
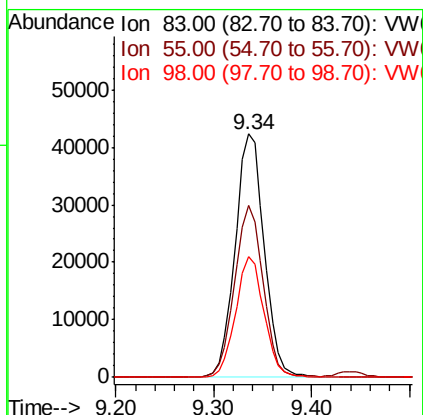
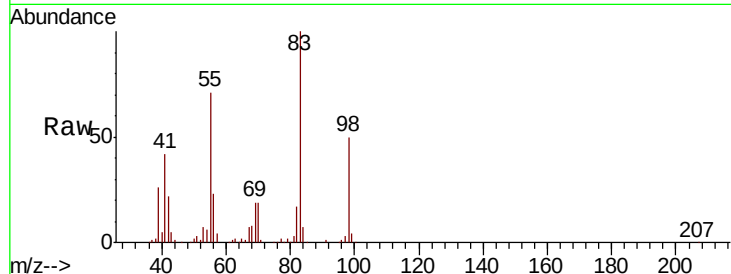




#39
Methylvlcyclohexane
Concen: 19.551 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

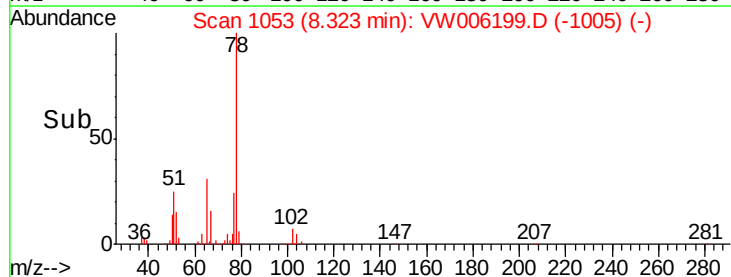
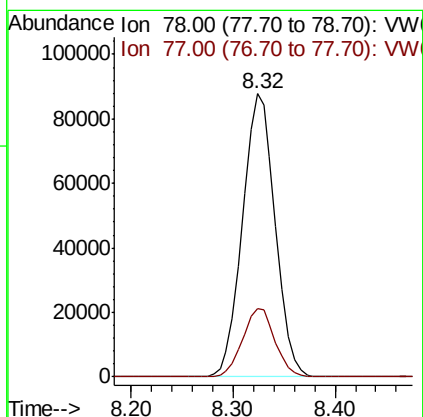
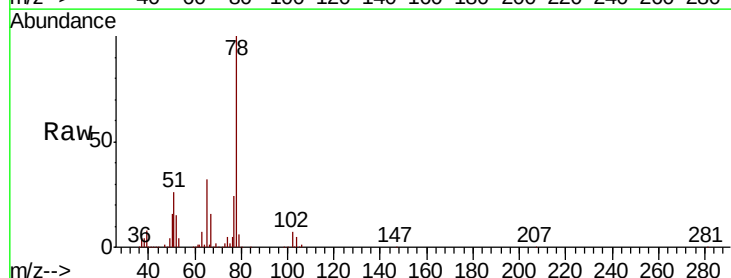
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

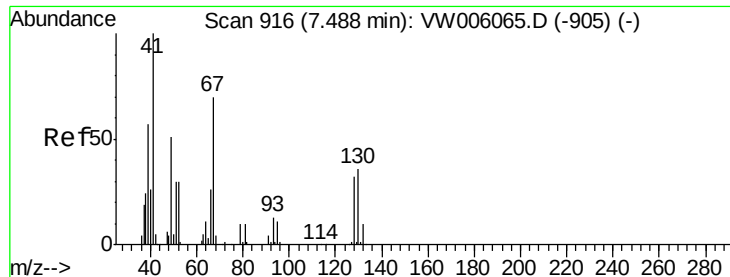
Tot Ion: 83 Resp: 87373
Ion Ratio Lower Upper
83 100
55 70.9 55.0 82.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 21.137 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 78 Resp: 194926
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0

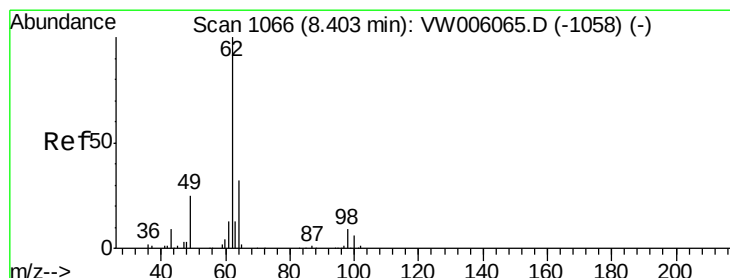
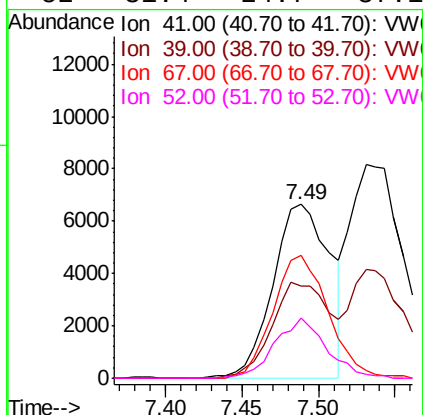
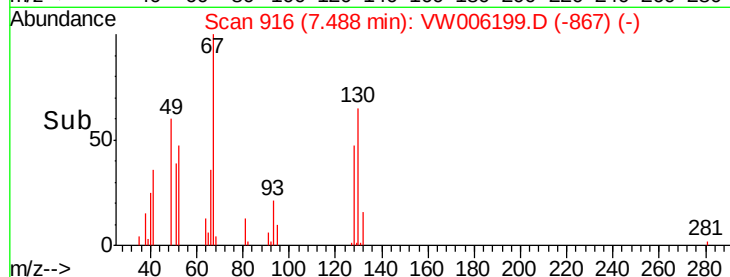
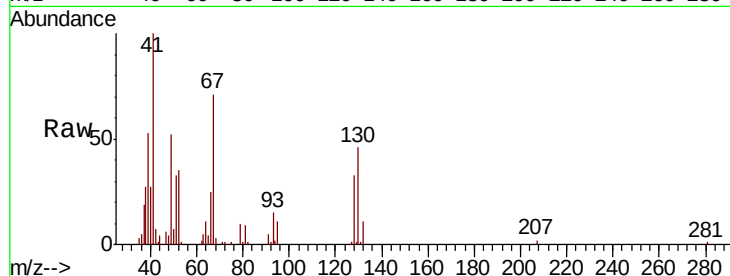




#41
Methacrylonitrile
Concen: 22.899 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

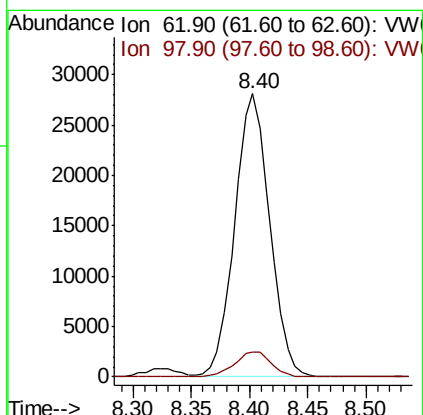
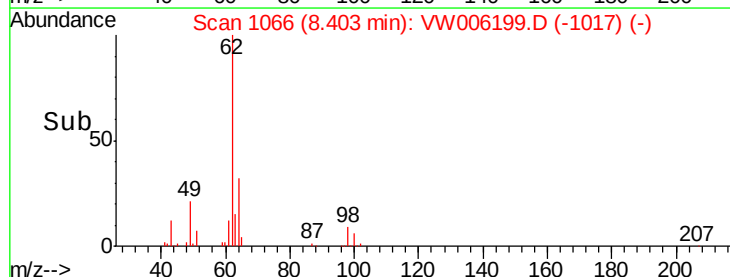
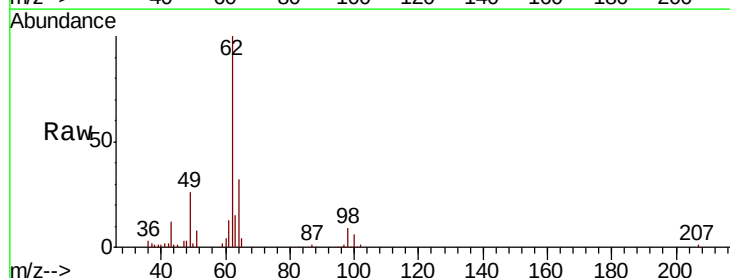
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

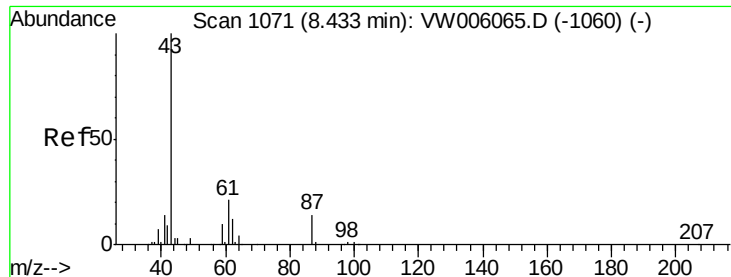
Tot Ion:	41	Resp:	17243
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.2	69.4
67	68.2	57.7	86.5
52	31.4	24.7	37.1



#42
1,2-Dichloroethane
Concen: 21.812 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:	62	Resp:	59099
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 20.243 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

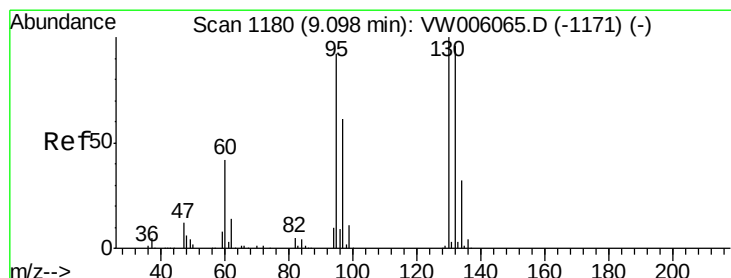
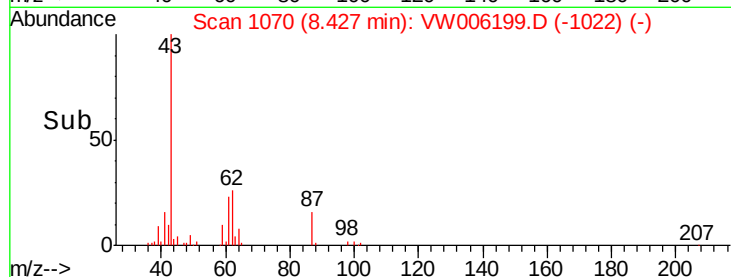
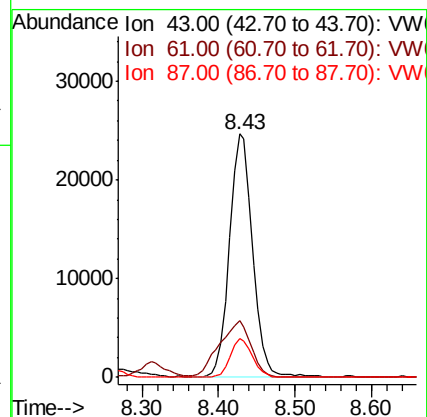
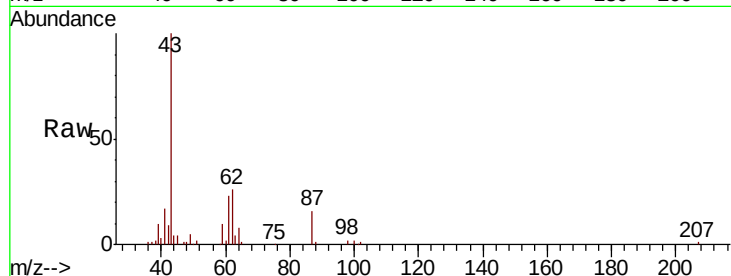
Tot Ion: 43 Resp: 51699

Ion Ratio Lower Upper

43 100

61 31.8 25.5 38.3

87 15.1 11.7 17.5



#44

Trichloroethene

Concen: 21.095 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006199.D

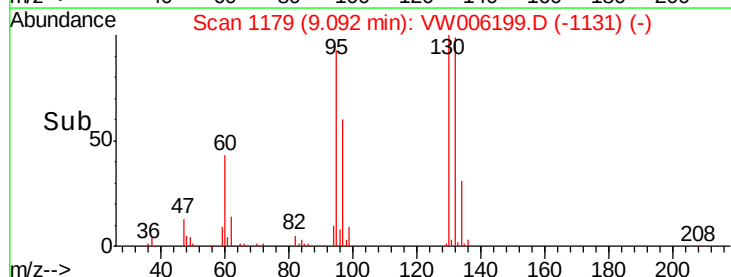
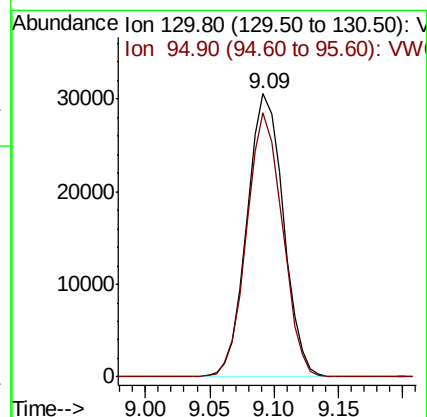
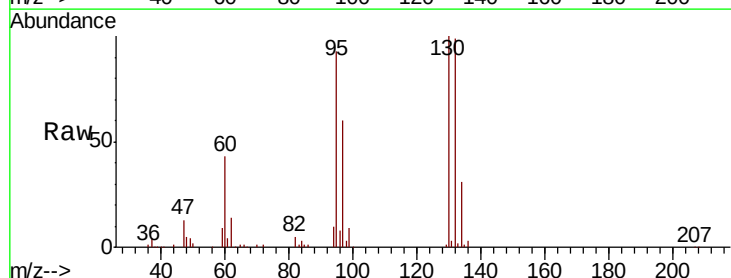
Acq: 19 Oct 2018 03:29

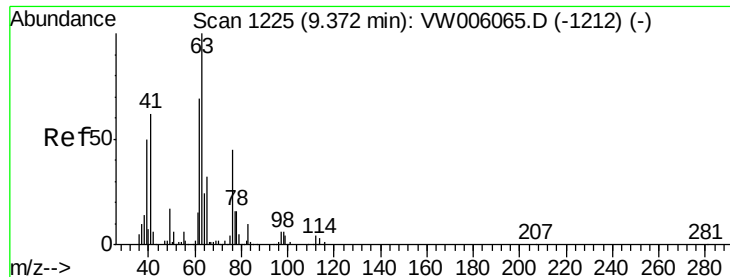
Tgt Ion: 130 Resp: 59684

Ion Ratio Lower Upper

130 100

95 93.4 0.0 183.2

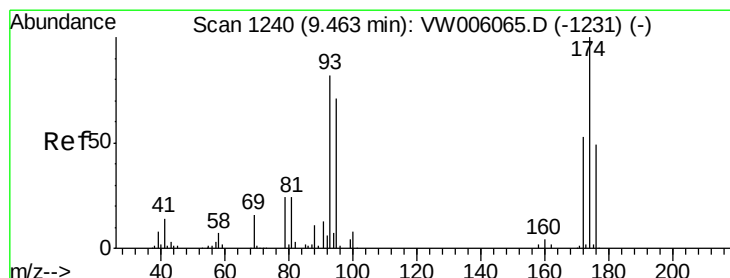
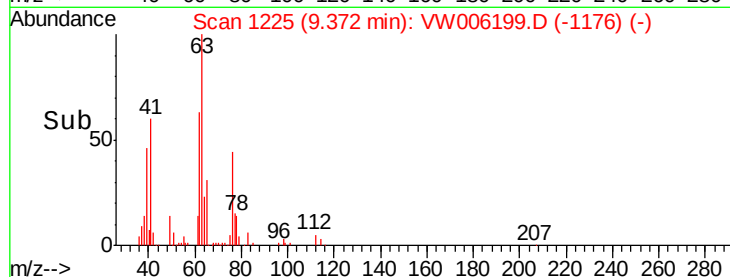
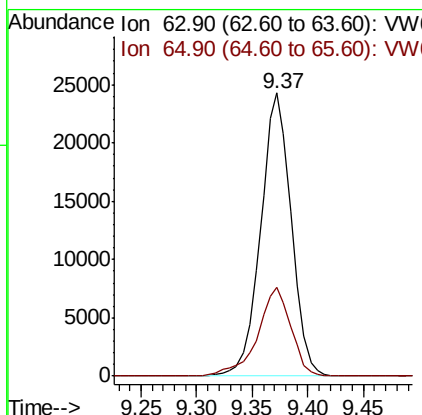
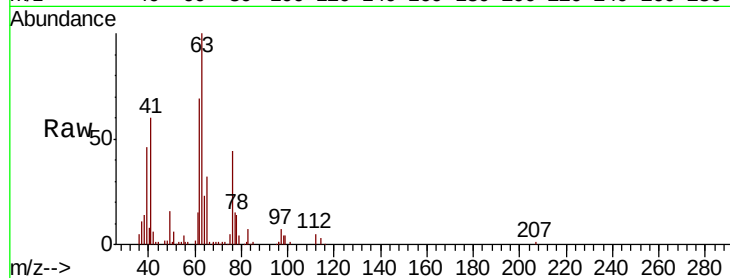




#45
 1,2-Dichloropropane
 Concen: 21.081 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

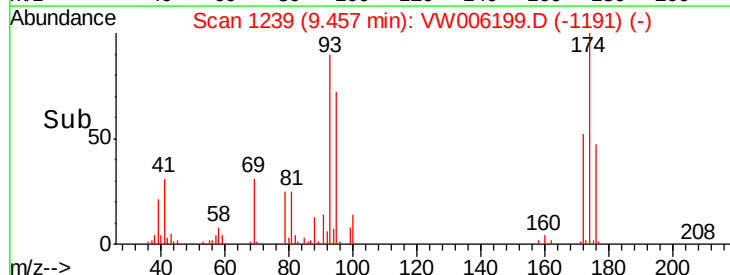
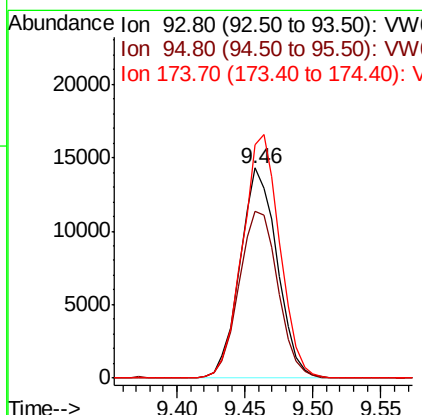
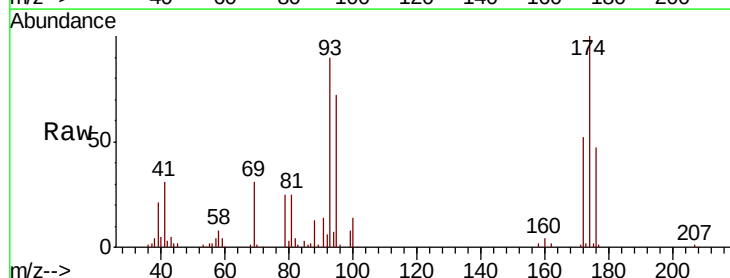
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

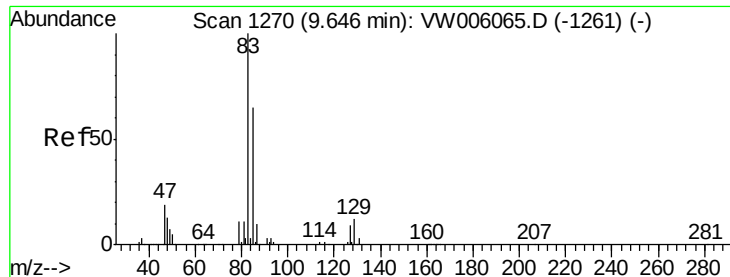
Tot Ion: 63 Resp: 46520
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0



#46
 Dibromomethane
 Concen: 21.698 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 93 Resp: 27291
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.7 101.5
 174 116.8 93.7 140.5





#47

Bromodichloromethane

Concen: 20.007 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

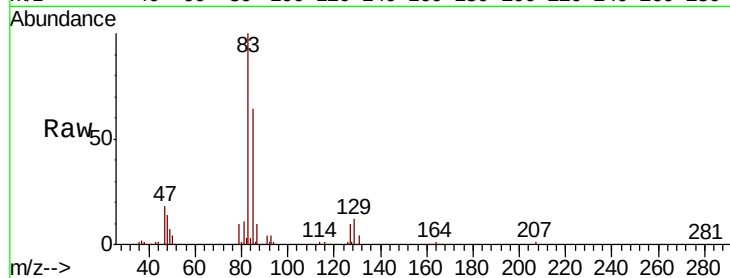
Tot Ion: 83 Resp: 61010

Ion Ratio Lower Upper

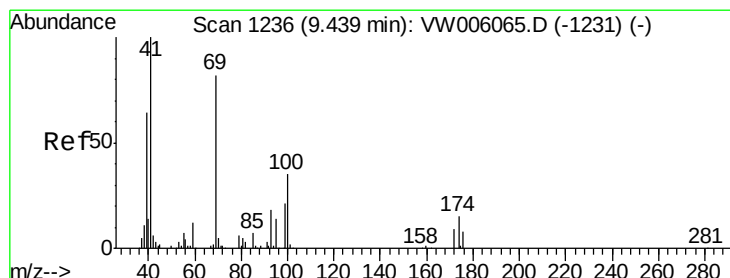
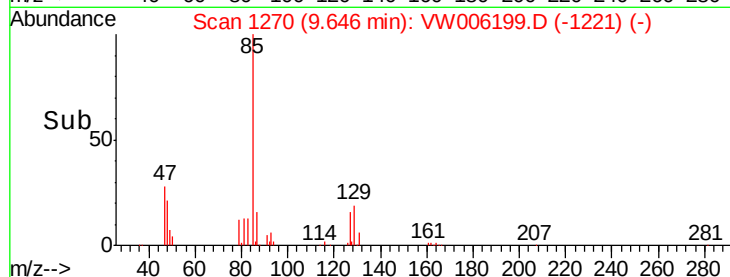
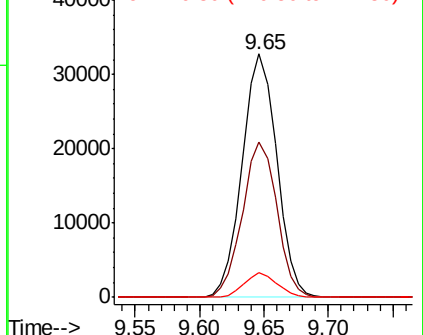
83 100

85 64.0 51.8 77.8

127 10.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 20.387 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

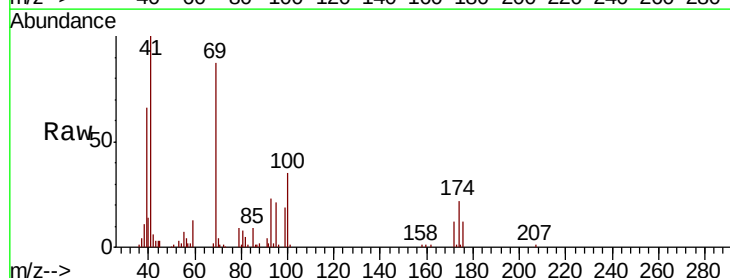
Tgt Ion: 41 Resp: 24681

Ion Ratio Lower Upper

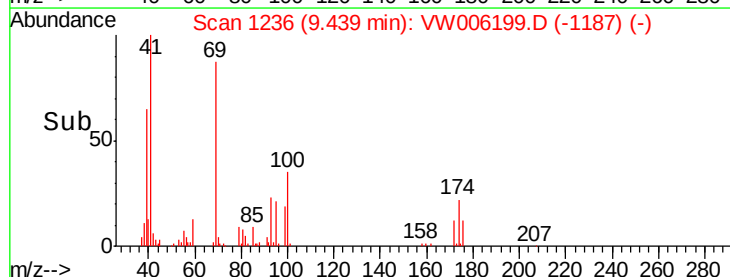
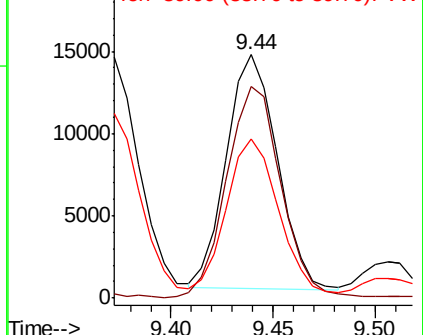
41 100

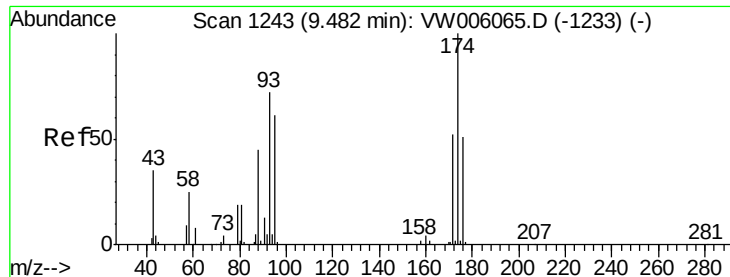
69 97.6 71.8 107.8

39 71.7 52.5 78.7



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: 470.596 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

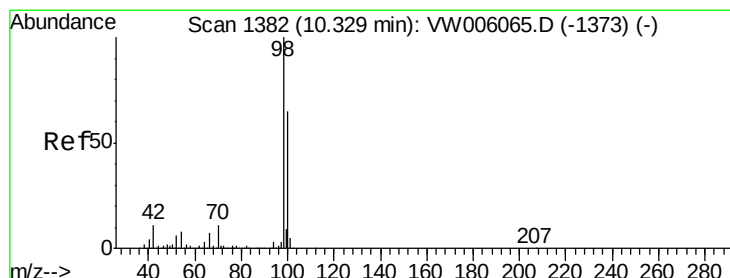
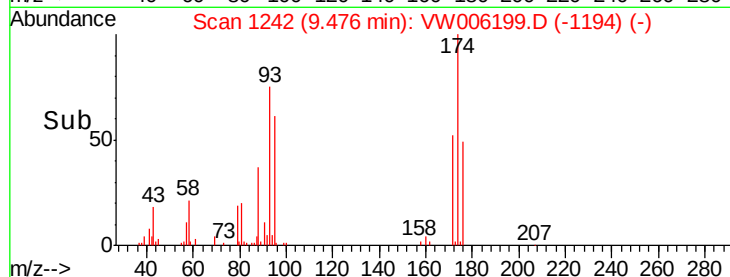
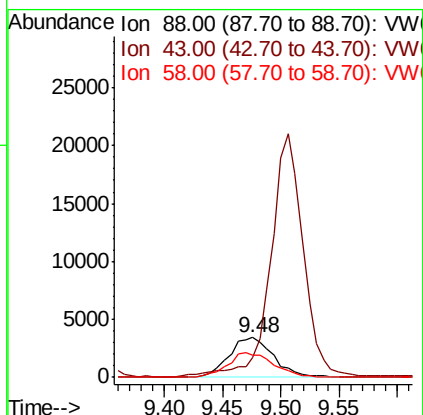
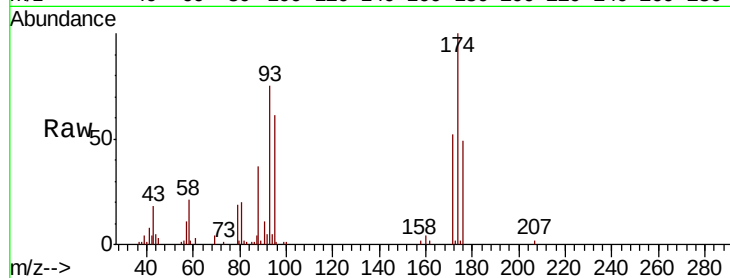
Tot Ion: 88 Resp: 9112

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 64.7 51.2 76.8



#50

Toluene-d8

Concen: 49.896 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006199.D

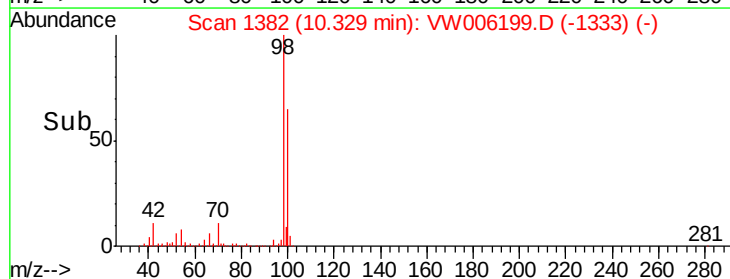
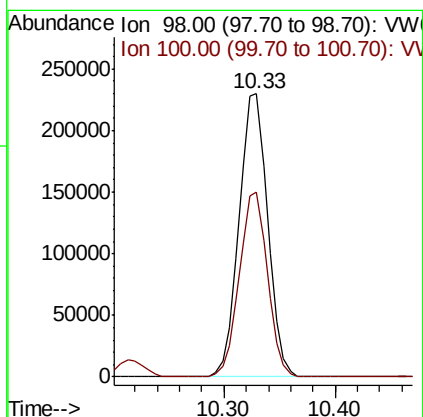
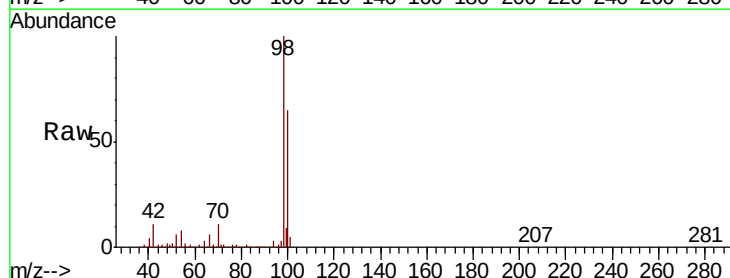
Acq: 19 Oct 2018 03:29

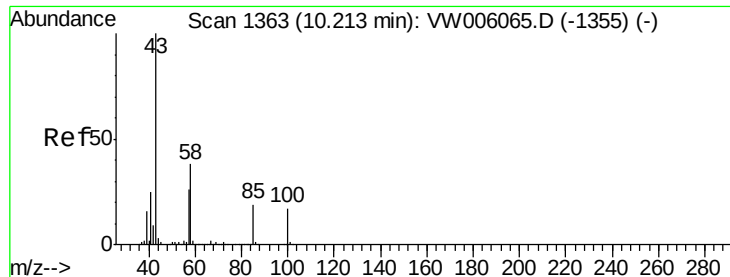
Tgt Ion: 98 Resp: 409135

Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4

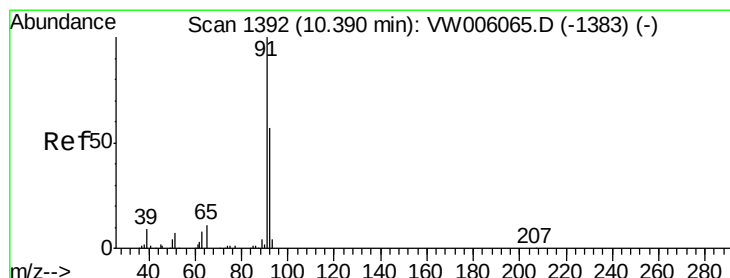
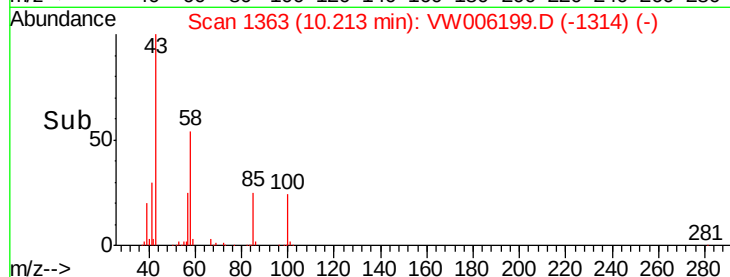
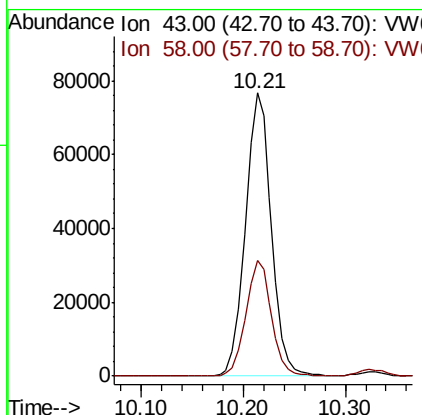
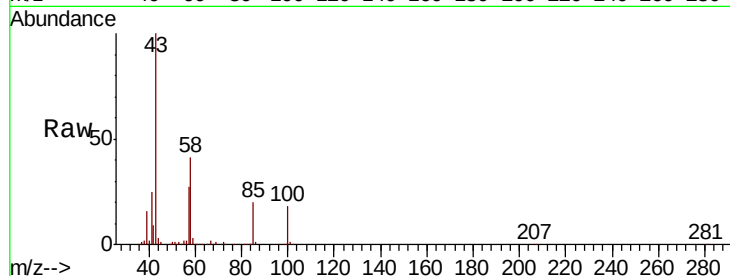




#51
 4-Methyl-2-Pentanone
 Concen: 105.244 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

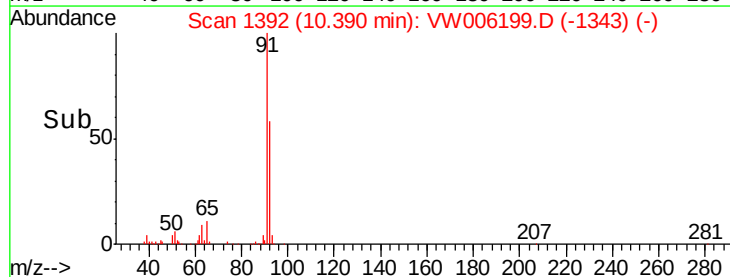
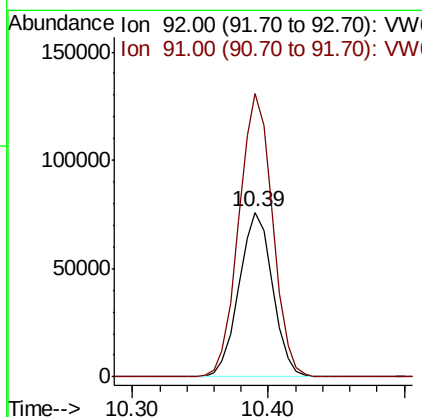
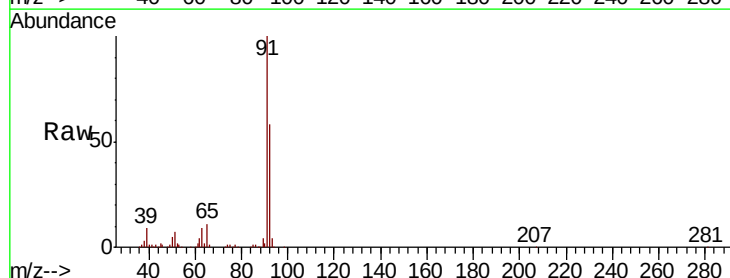
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

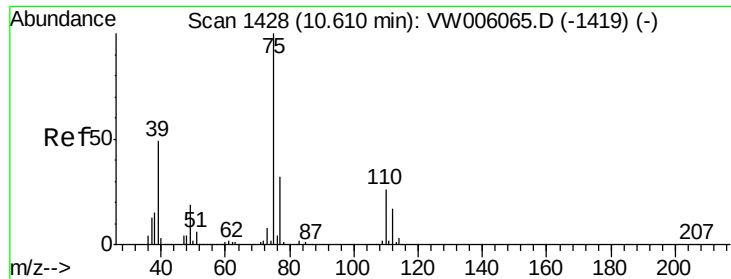
Tot Ion: 43 Resp: 134672
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3



#52
 Toluene
 Concen: 21.176 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 92 Resp: 130925
 Ion Ratio Lower Upper
 92 100
 91 172.8 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 18.576 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

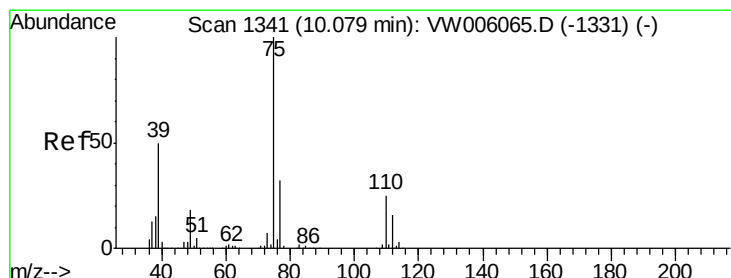
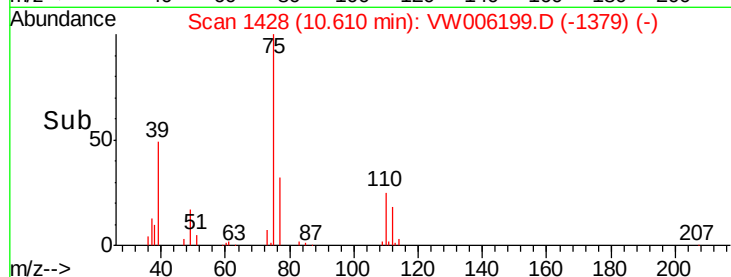
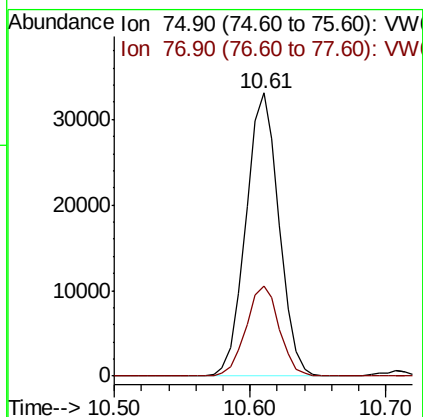
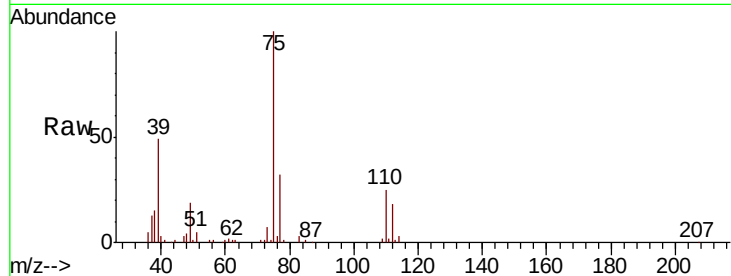
VW1018SBSD02

Tot Ion: 75 Resp: 56438

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.155 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

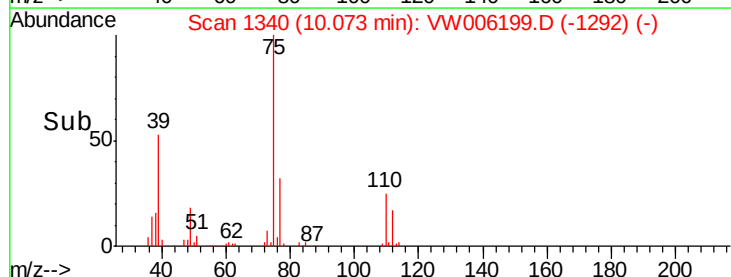
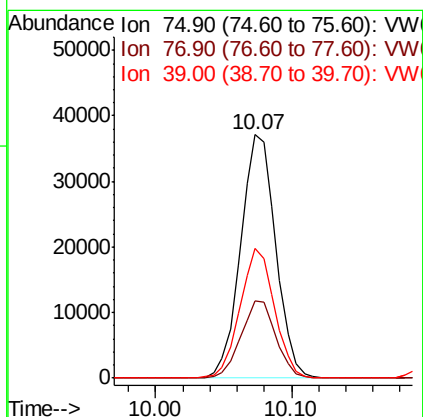
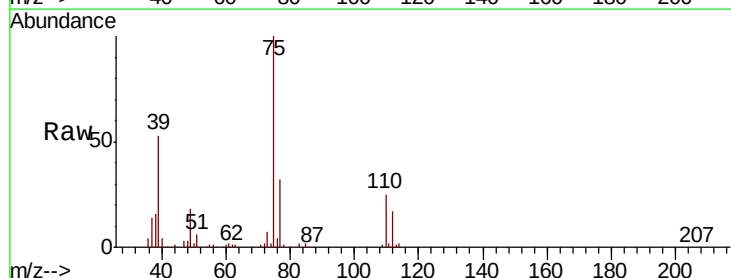
Tgt Ion: 75 Resp: 66792

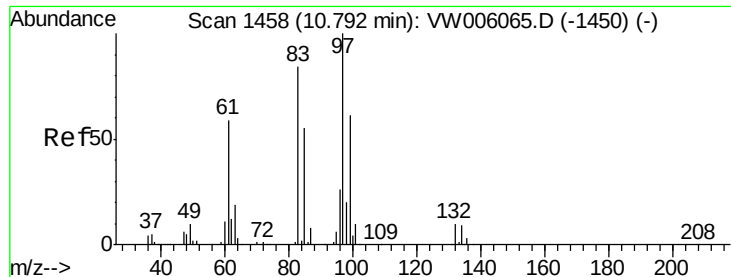
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 53.5 39.9 59.9

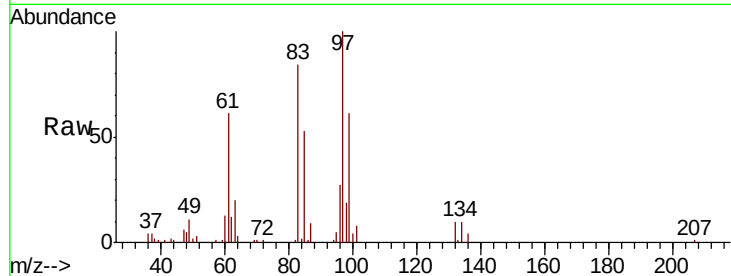




#55
 1,1,2-Trichloroethane
 Concen: 21.674 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	52.7	43.7	65.5
99	61.0	48.5	72.7



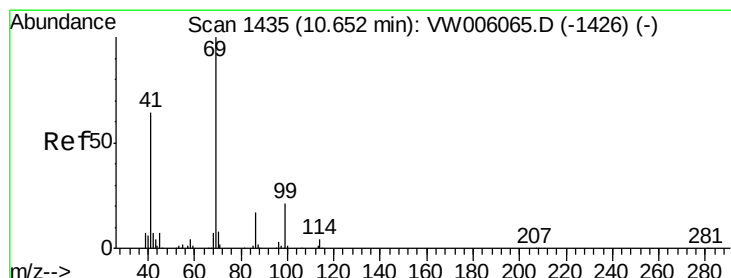
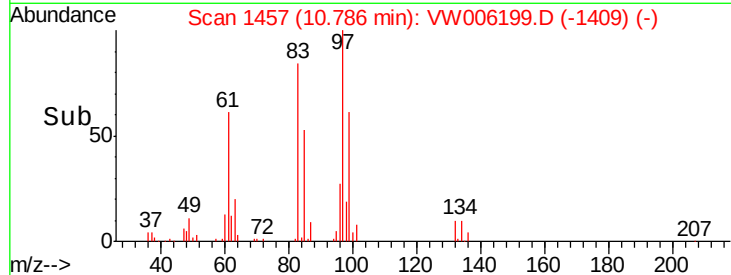
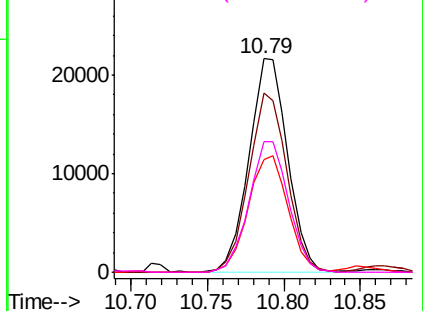
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

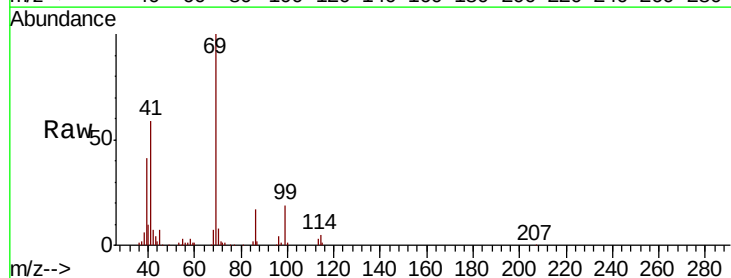
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 20.694 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.8	79.2
39	41.2	30.6	45.8

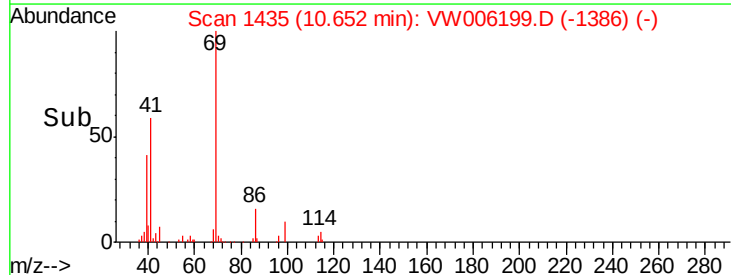
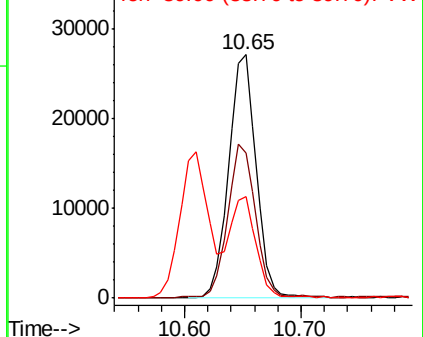


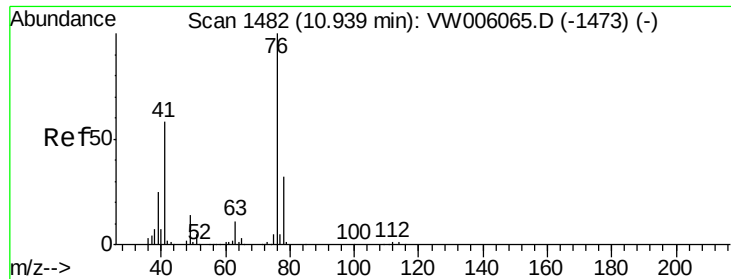
Abundance

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: 21.669 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

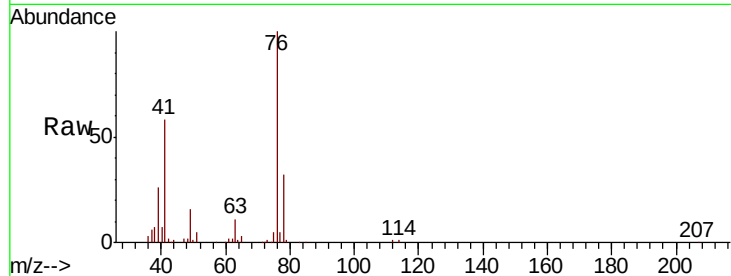
VW1018SBSD02

Tot Ion: 76 Resp: 63136

Ion Ratio Lower Upper

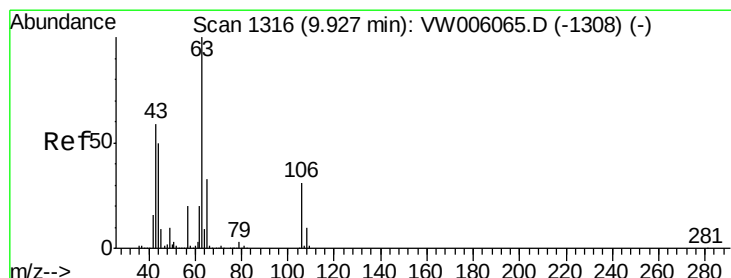
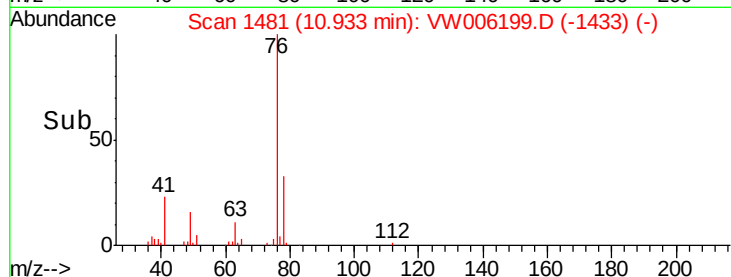
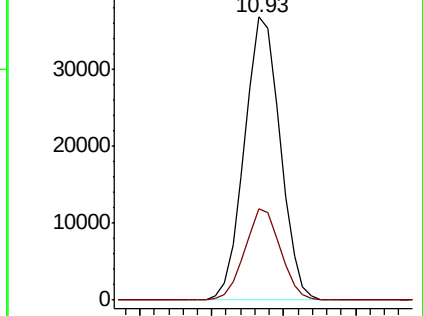
76 100

78 32.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 107.765 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006199.D

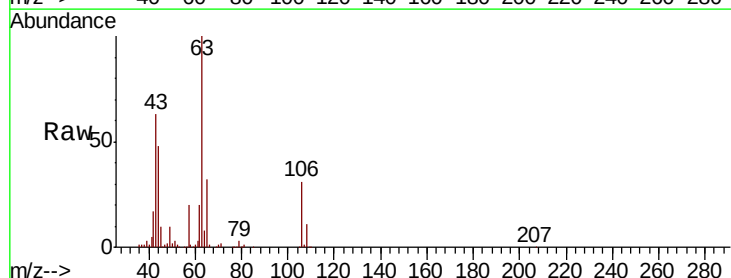
Acq: 19 Oct 2018 03:29

Tgt Ion: 63 Resp: 88851

Ion Ratio Lower Upper

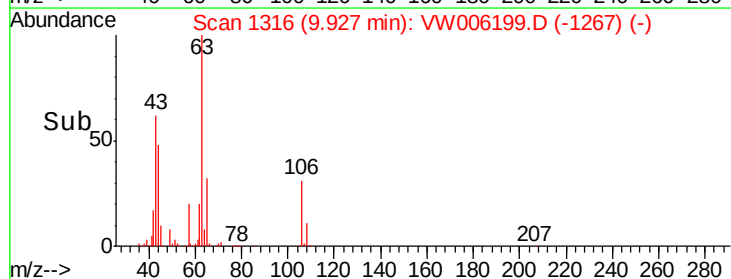
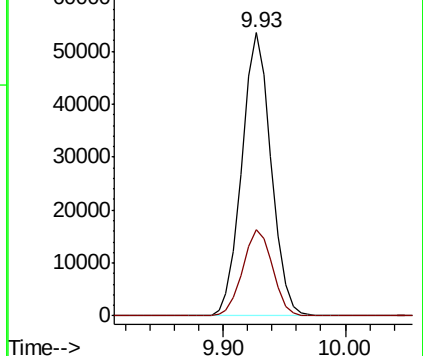
63 100

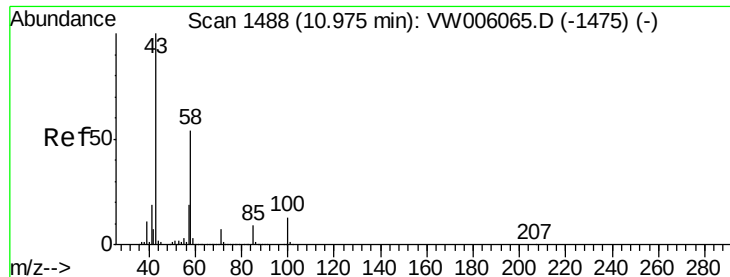
106 31.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

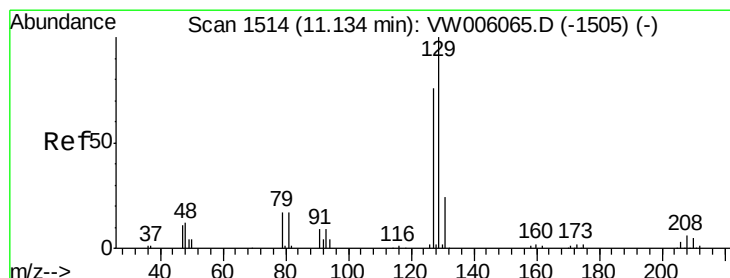
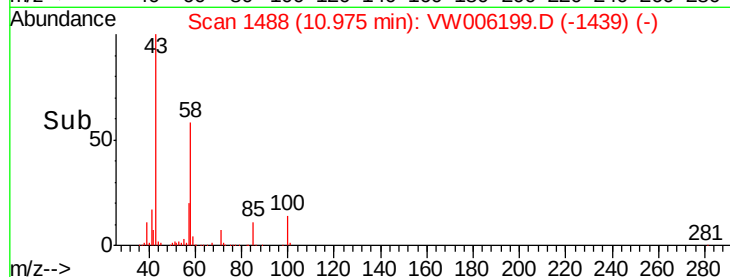
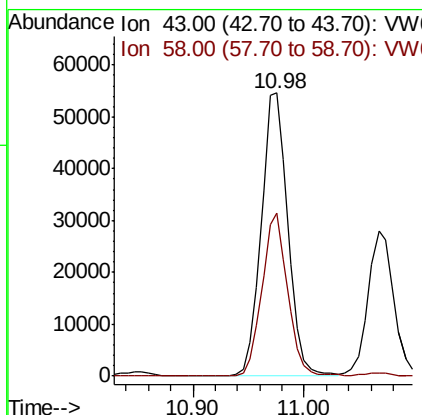
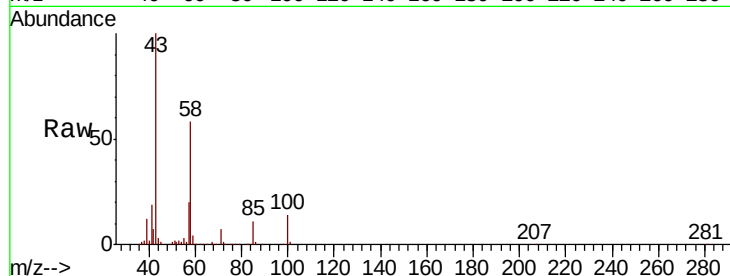




#59
2-Hexanone
Concen: 100.067 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

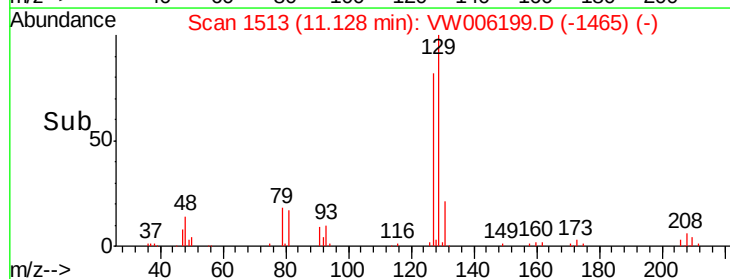
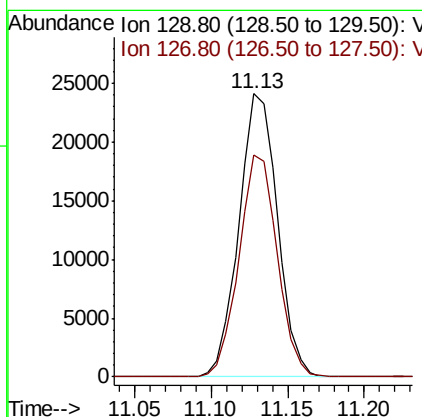
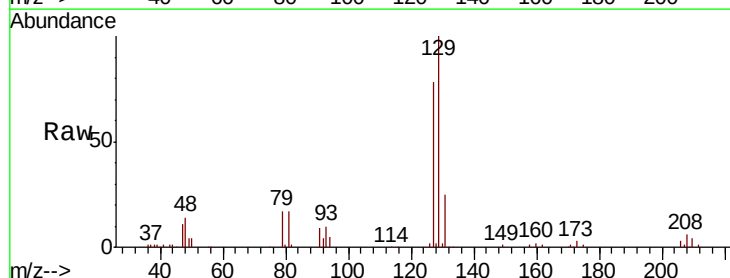
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

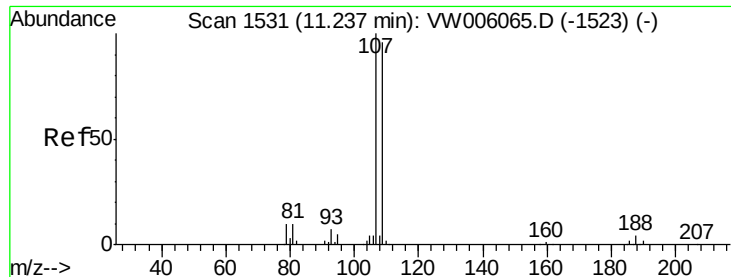
Tot Ion: 43 Resp: 91405
Ion Ratio Lower Upper
43 100
58 55.4 26.9 80.6



#60
Dibromochloromethane
Concen: 19.261 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 129 Resp: 42228
Ion Ratio Lower Upper
129 100
127 77.7 38.6 115.7

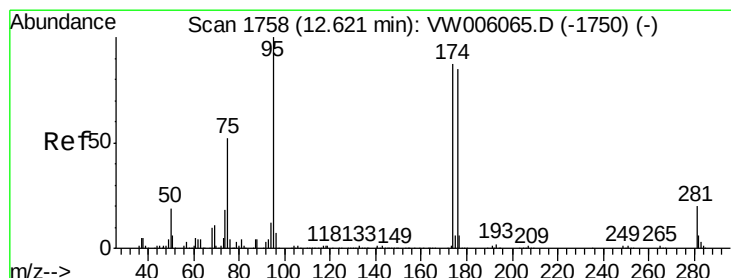
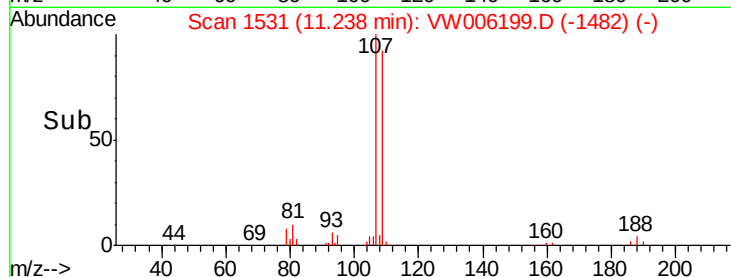
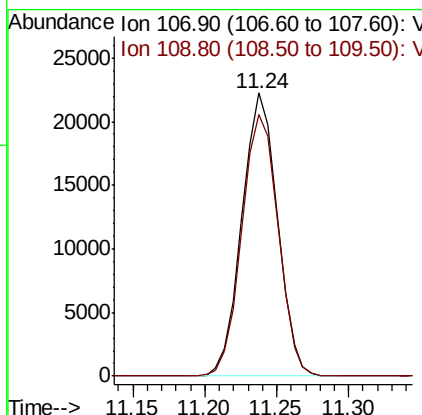
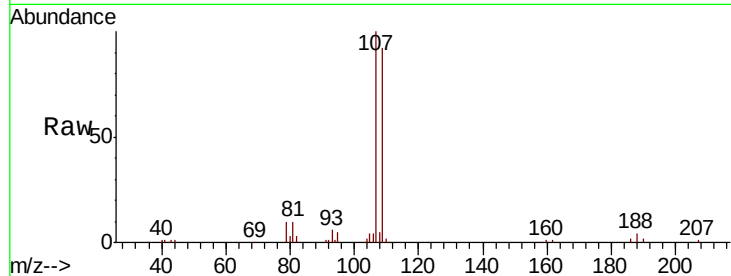




#61
 1,2-Dibromoethane
 Concen: 21.602 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

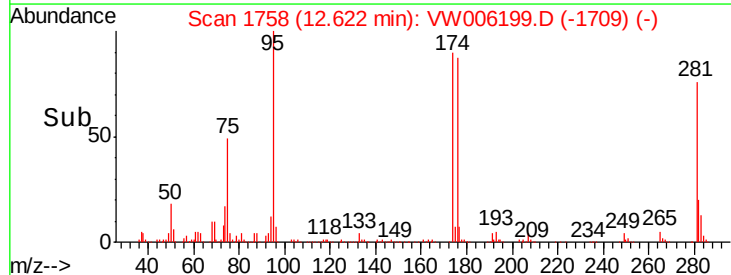
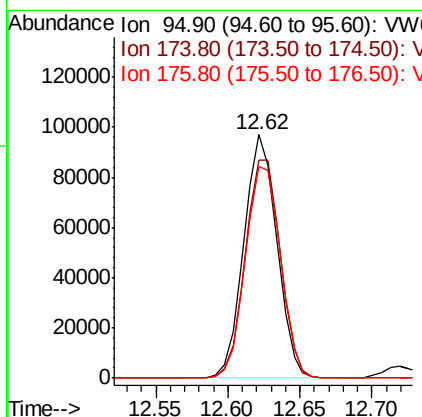
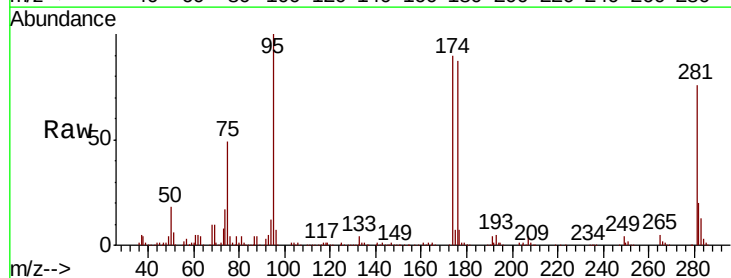
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBSD02

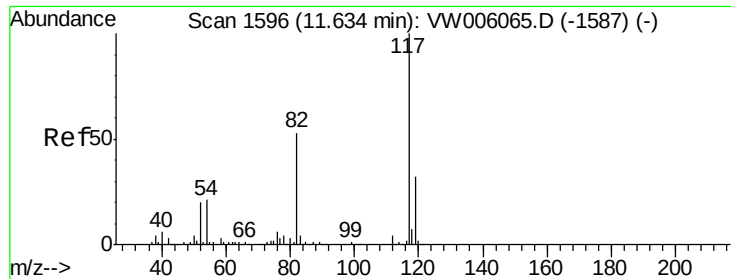
Tot Ion:107 Resp: 37991
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 49.875 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion: 95 Resp: 153599
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 186.0
 176 92.5 0.0 181.6

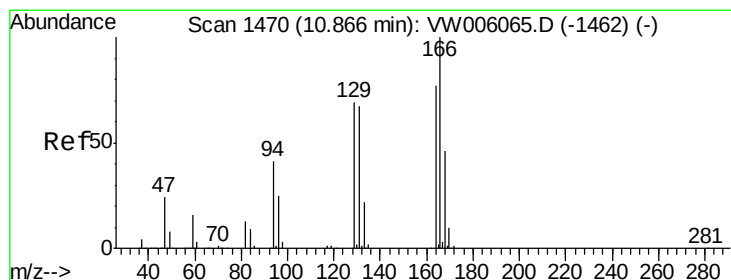
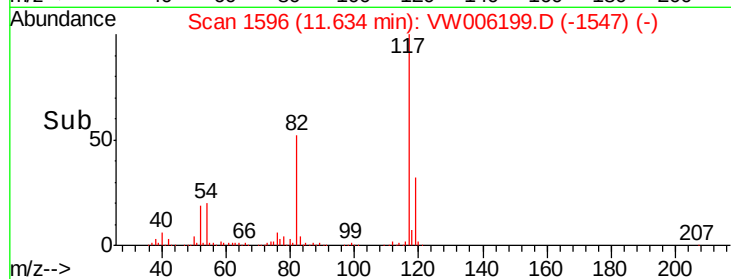
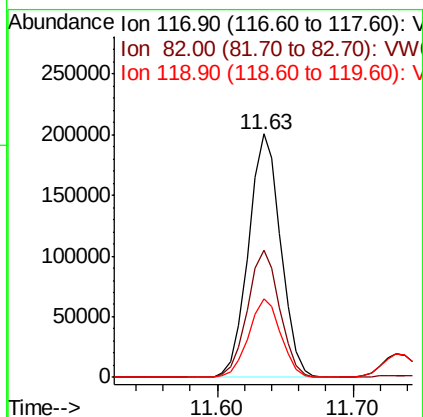
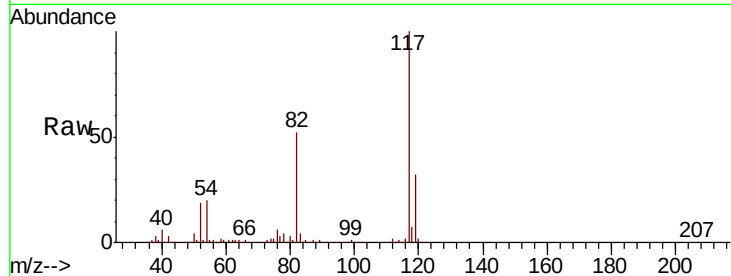




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

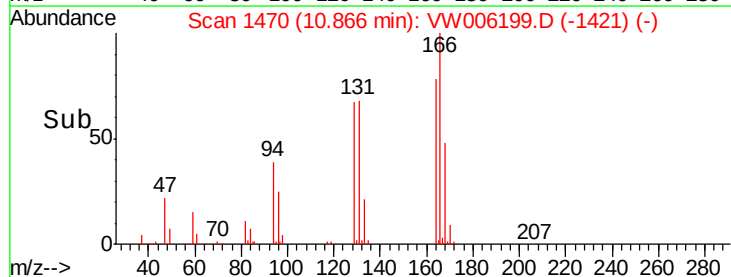
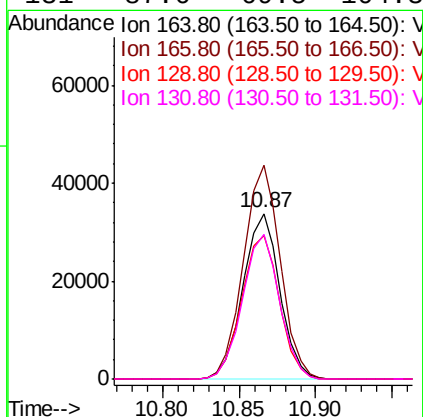
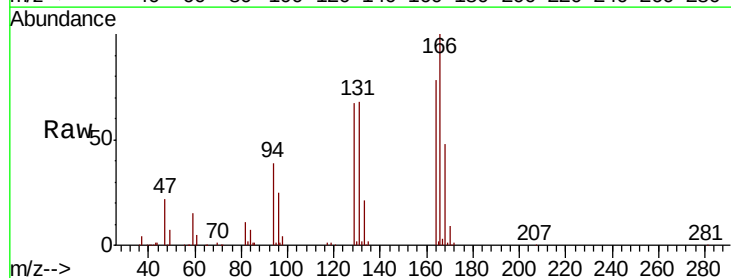
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

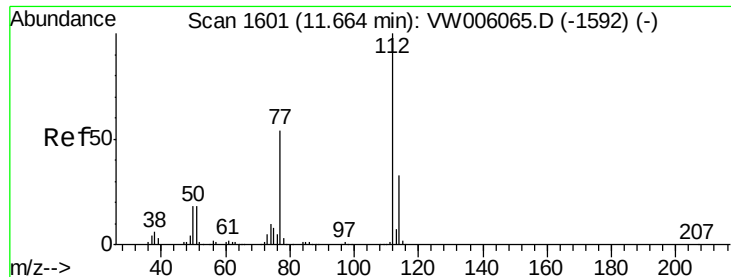
Tot Ion:117 Resp: 333077
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 21.858 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:164 Resp: 56518
Ion Ratio Lower Upper
164 100
166 128.9 103.4 155.0
129 86.3 71.8 107.8
131 87.6 69.5 104.3





#65

Chlorobenzene

Concen: 21.660 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

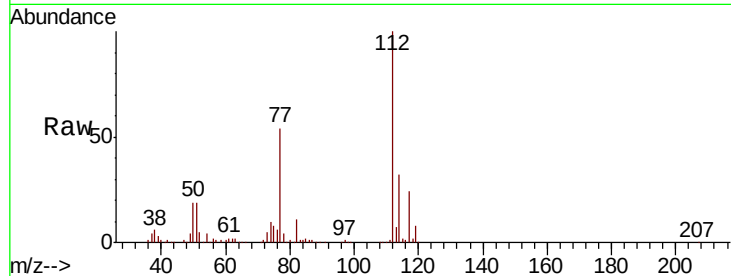
VW1018SBS02

Tot Ion:112 Resp: 154443

Ion Ratio Lower Upper

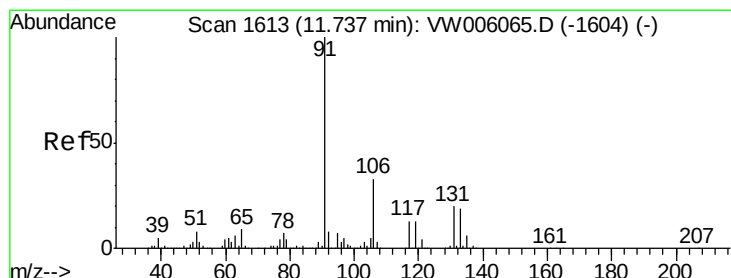
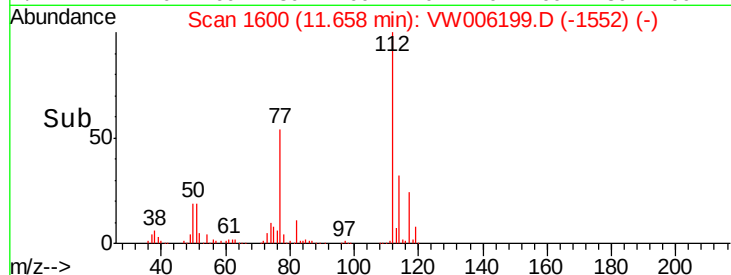
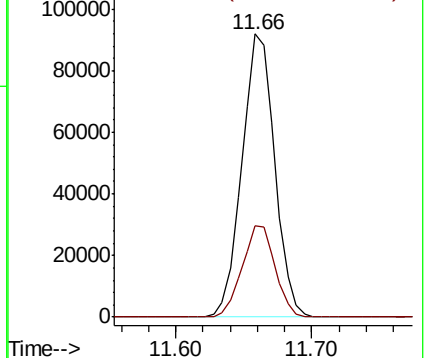
112 100

114 32.1 26.2 39.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.108 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

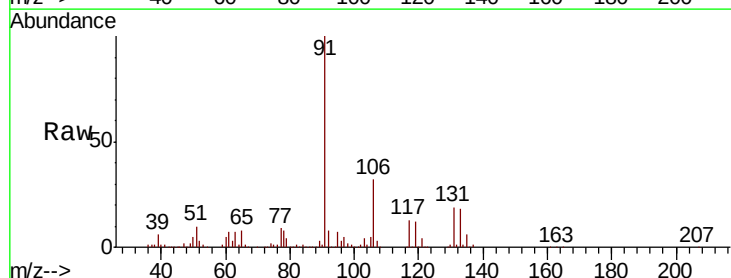
Tgt Ion:131 Resp: 50953

Ion Ratio Lower Upper

131 100

133 95.8 48.1 144.3

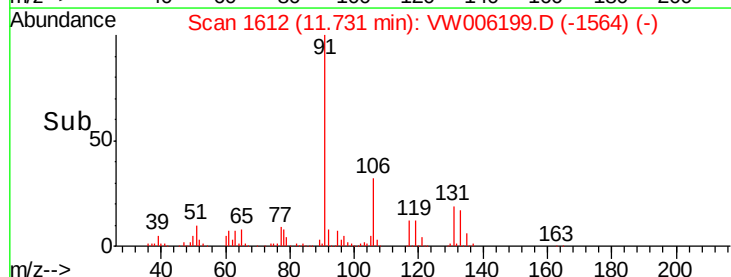
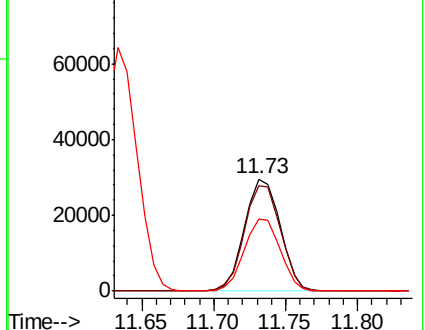
119 64.7 31.6 94.7

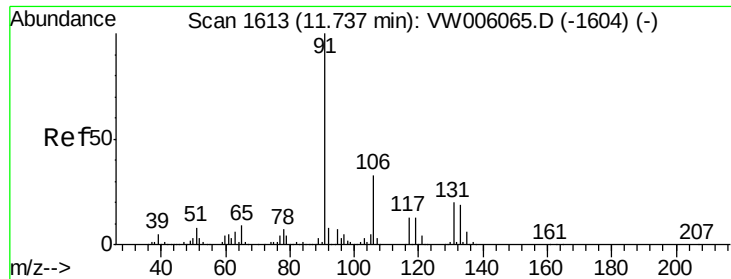


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

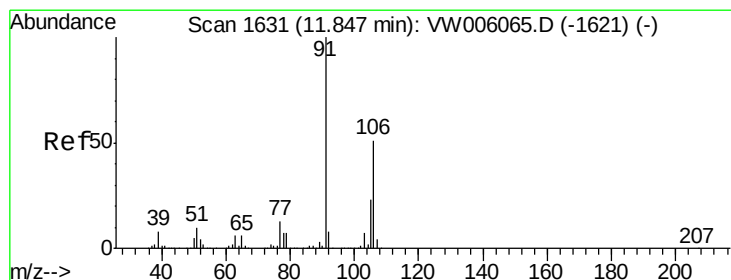
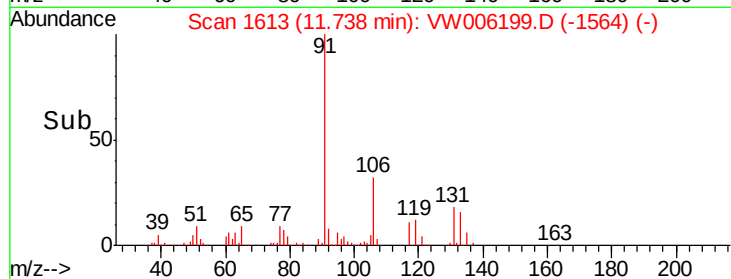
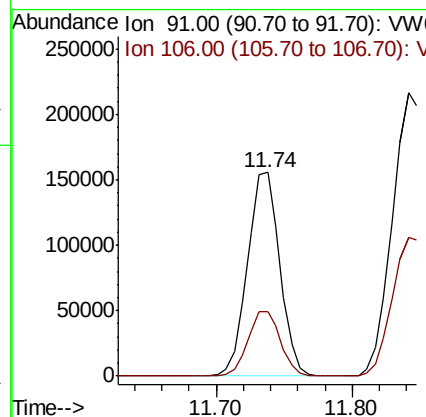
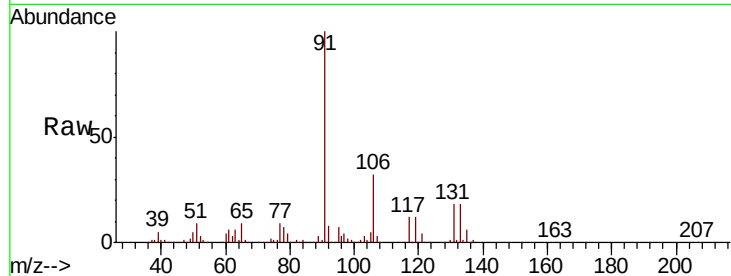




#67
Ethyl Benzene
Concen: 20.983 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

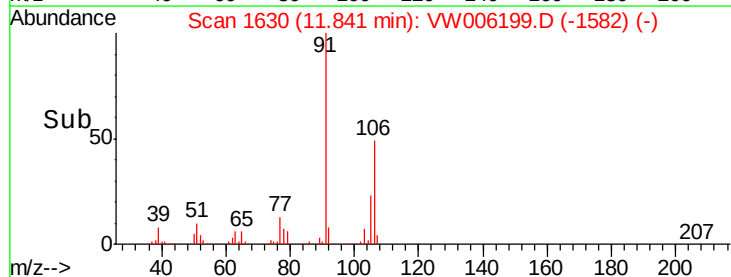
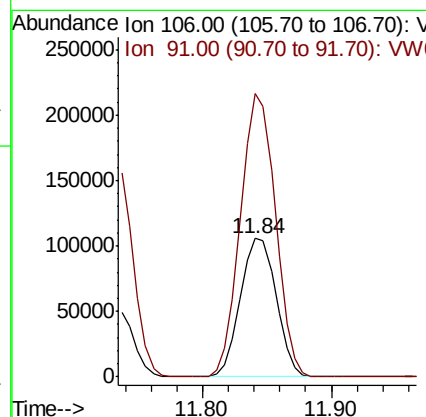
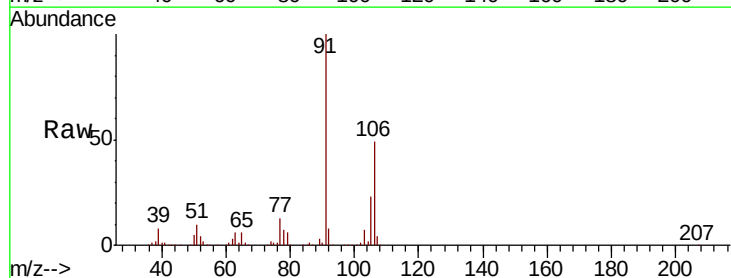
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

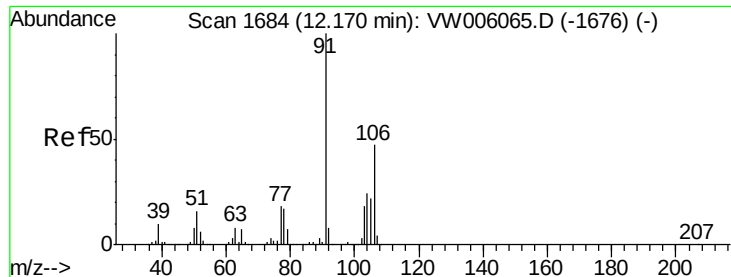
Tot Ion: 91 Resp: 259286
Ion Ratio Lower Upper
91 100
106 32.0 26.1 39.1



#68
m/p-Xylenes
Concen: 41.972 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 106 Resp: 204995
Ion Ratio Lower Upper
106 100
91 198.7 159.1 238.7

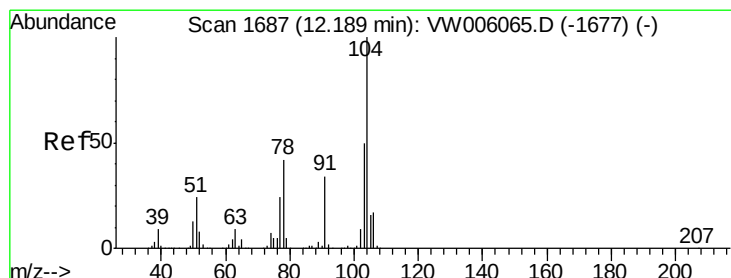
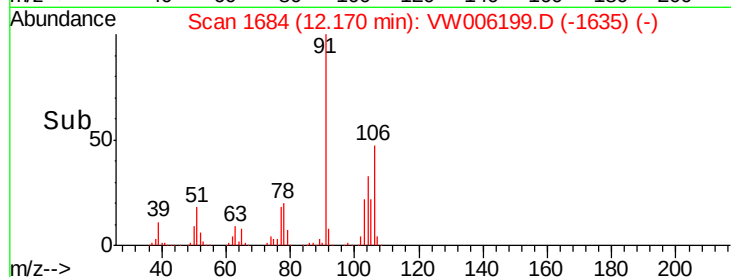
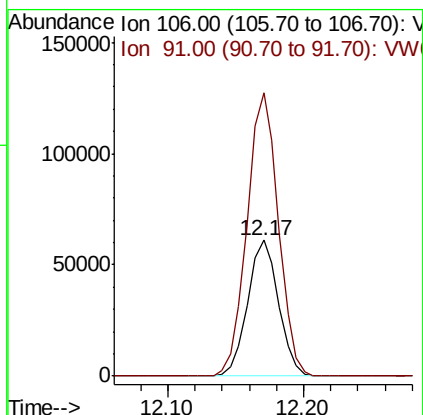
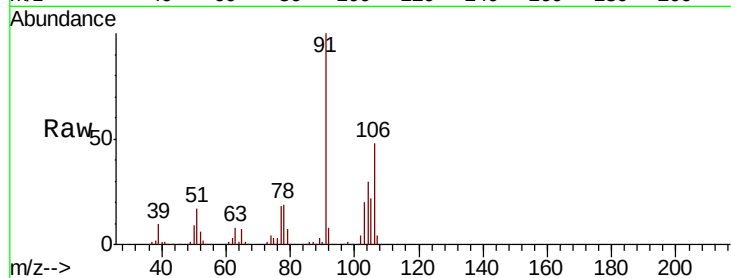




#69
o-Xylene
Concen: 20.914 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

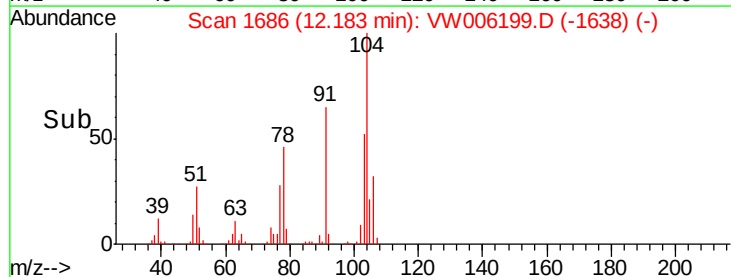
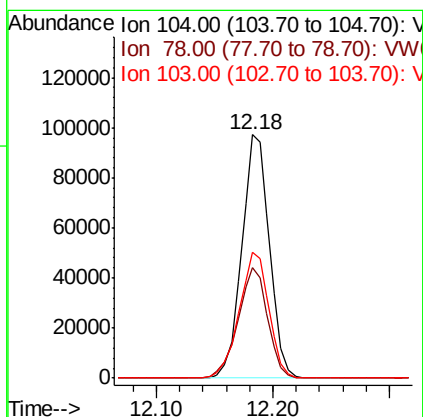
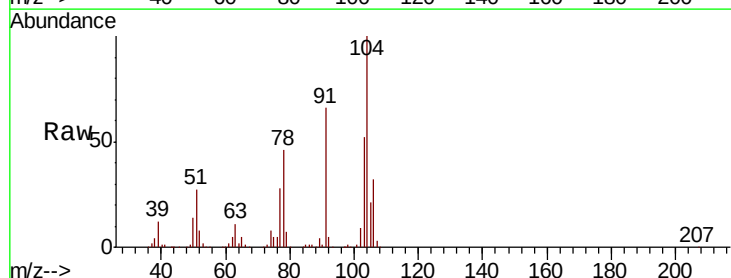
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

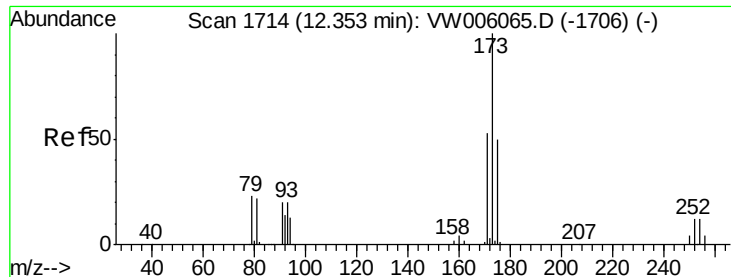
Tot Ion:106 Resp: 97346
Ion Ratio Lower Upper
106 100
91 211.0 105.4 316.1



#70
Styrene
Concen: 21.105 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:104 Resp: 159749
Ion Ratio Lower Upper
104 100
78 48.8 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 17.998 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

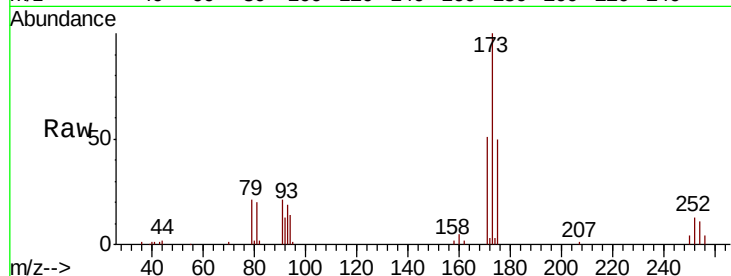
Tot Ion:173 Resp: 25438

Ion Ratio Lower Upper

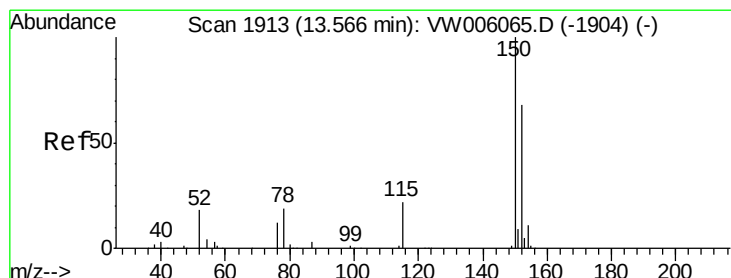
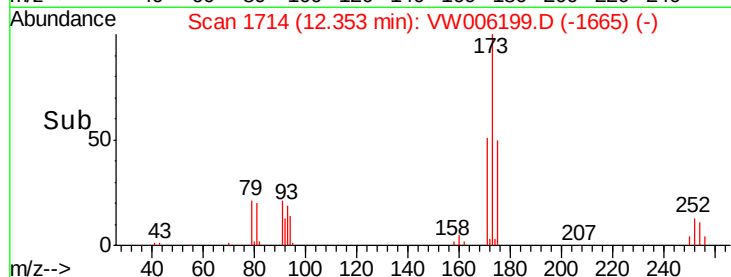
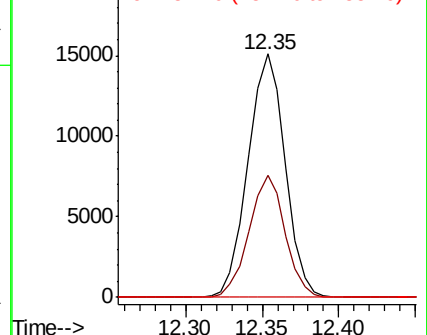
173 100

175 48.5 24.2 72.6

254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

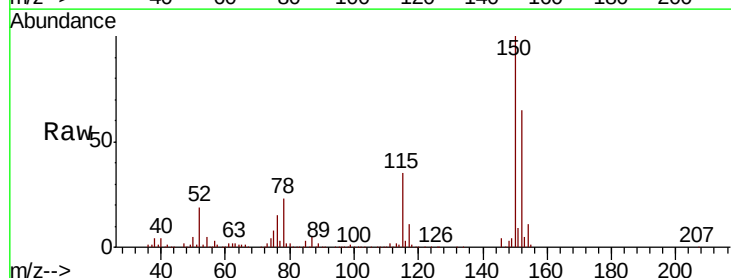
Tgt Ion:152 Resp: 187442

Ion Ratio Lower Upper

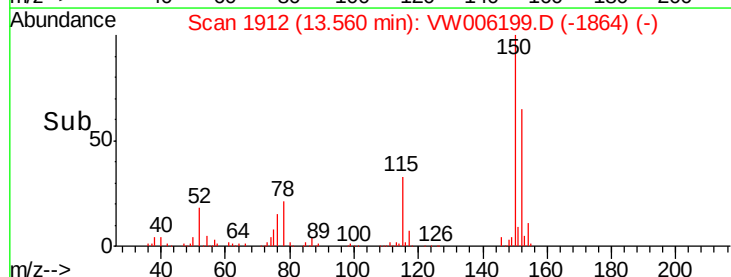
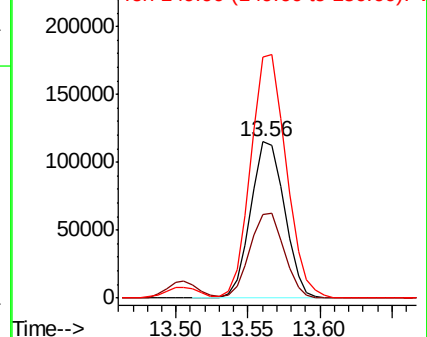
152 100

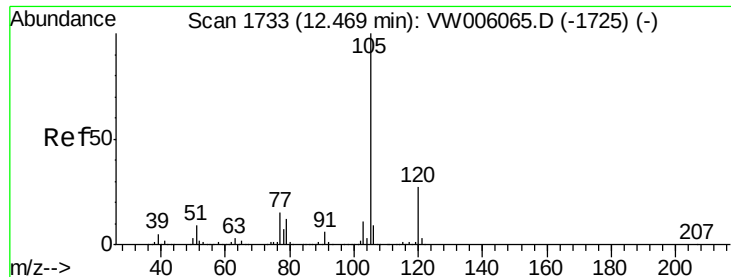
115 55.0 27.8 83.3

150 162.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 20.613 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

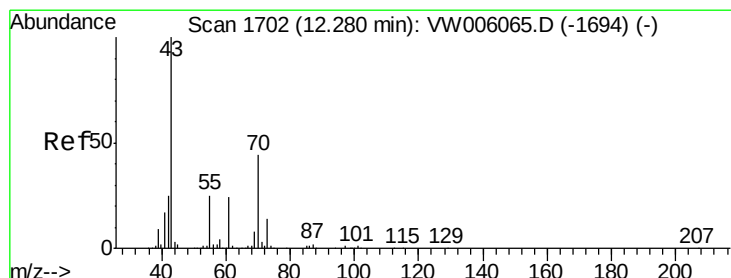
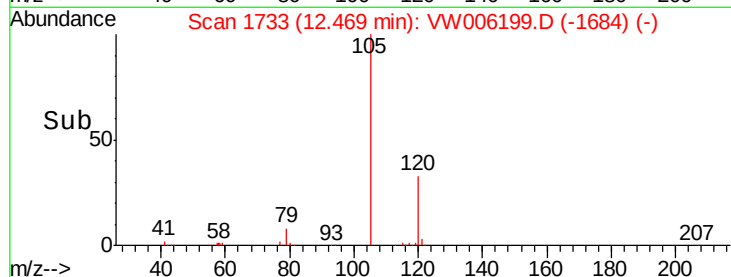
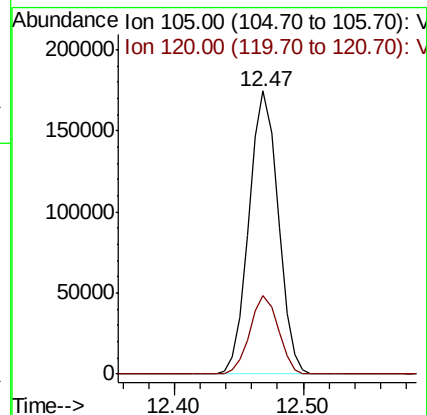
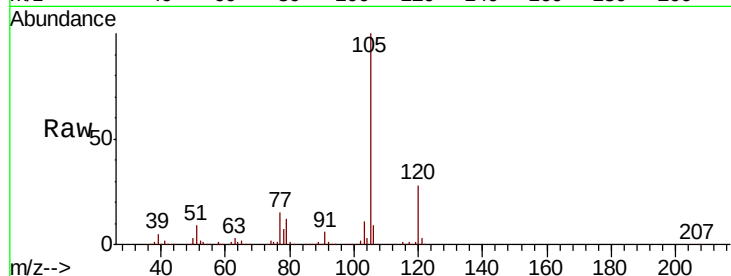
VW1018SBSD02

Tot Ion:105 Resp: 272963

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 19.391 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Tgt Ion: 43 Resp: 49874

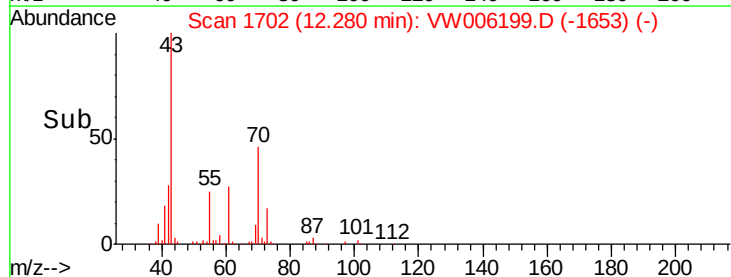
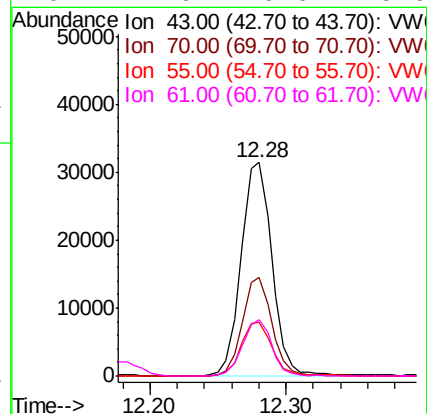
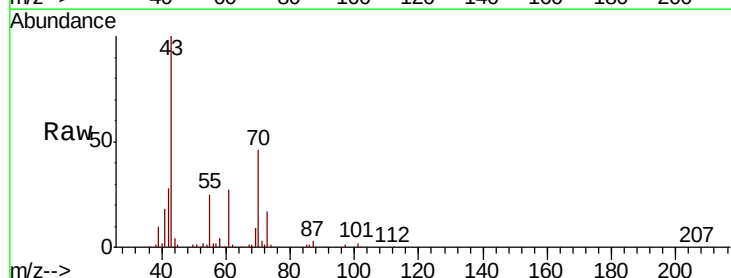
Ion Ratio Lower Upper

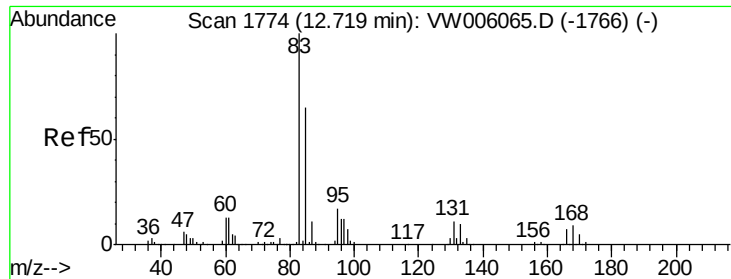
43 100

70 44.2 34.2 51.4

55 25.8 19.2 28.8

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.287 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

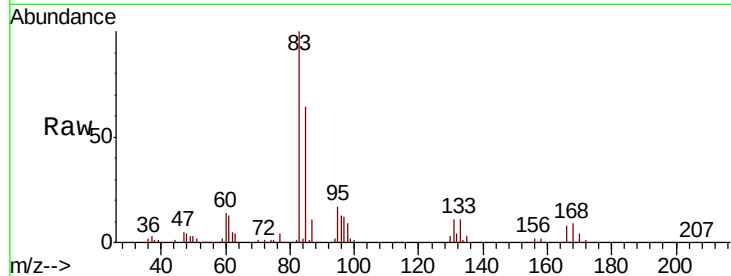
MSVOA_W

ClientSampleId :

VW1018SBSD02

Tot Ion: 83 Resp: 42873

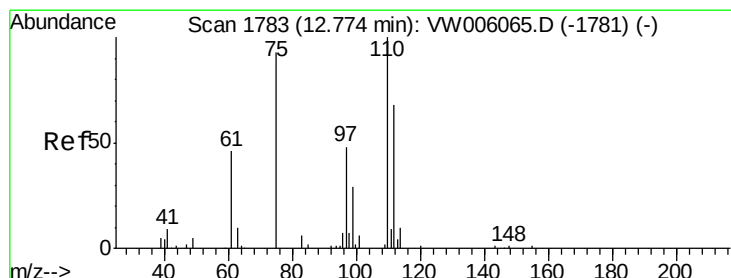
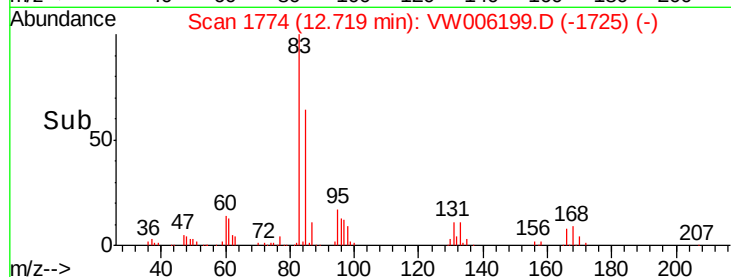
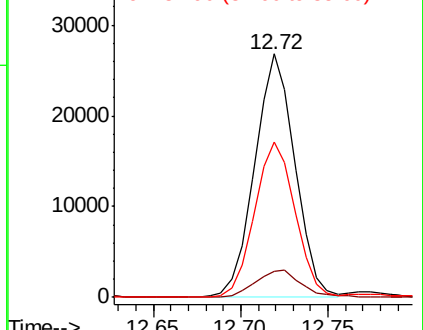
Ion	Ratio	Lower	Upper
83	100		
131	12.5	5.9	17.7
85	63.9	31.9	95.9



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 37.224 ug/l

RT: 12.77 min Scan# 1783

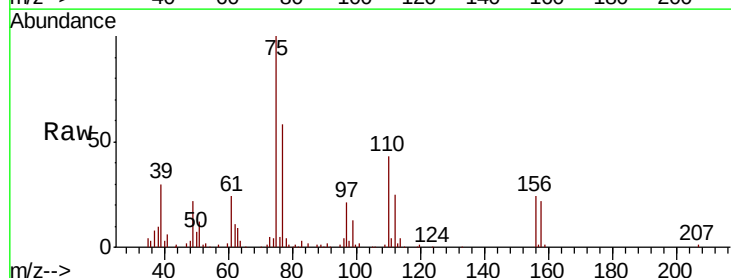
Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

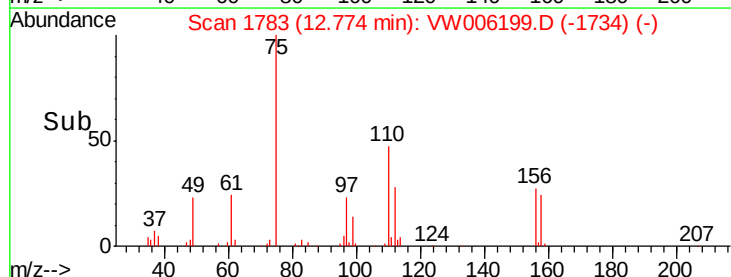
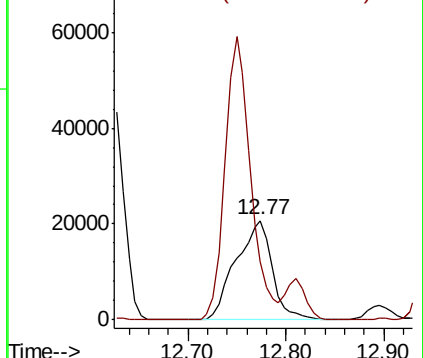
Tgt Ion: 75 Resp: 53293

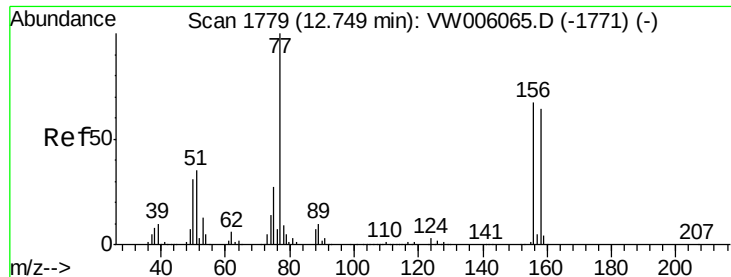
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.970 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

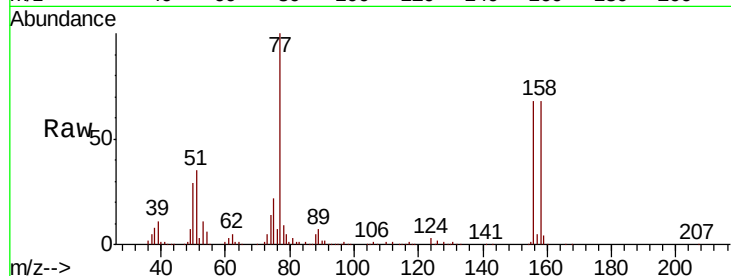
Tot Ion:156 Resp: 68014

Ion Ratio Lower Upper

156 100

77 158.4 79.1 237.4

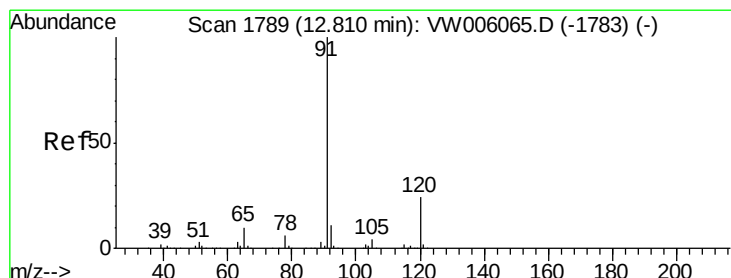
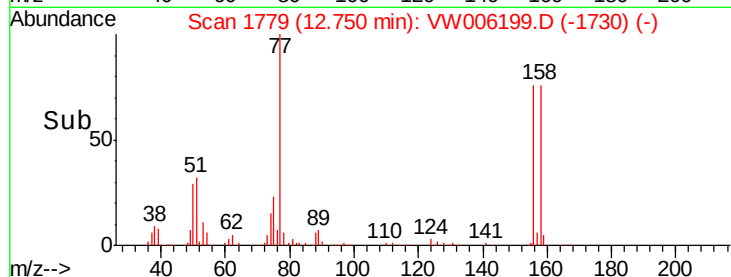
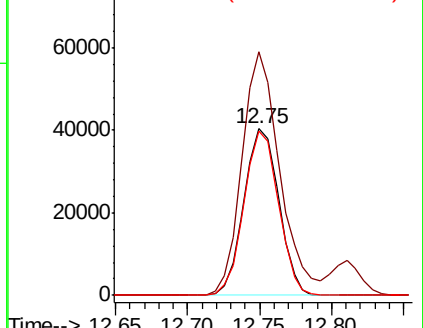
158 97.4 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.778 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006199.D

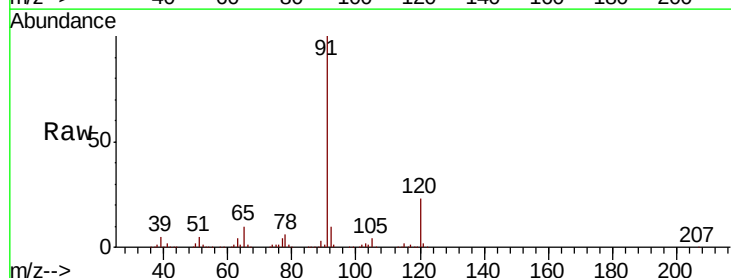
Acq: 19 Oct 2018 03:29

Tgt Ion: 91 Resp: 320112

Ion Ratio Lower Upper

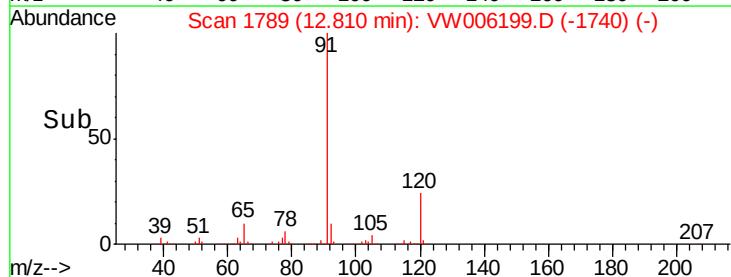
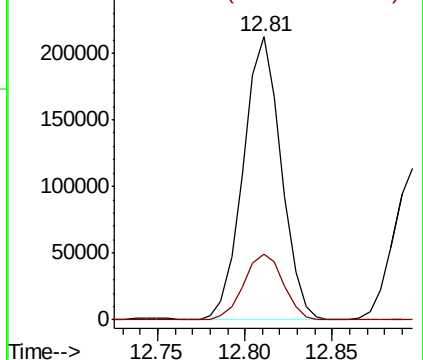
91 100

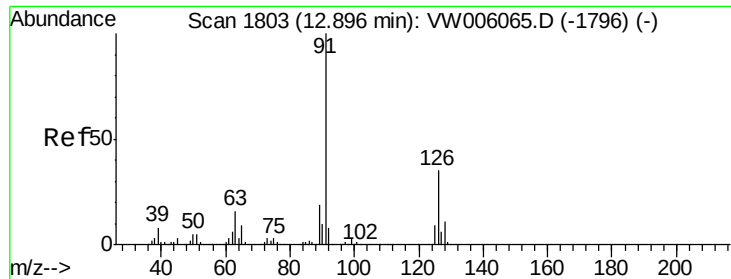
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.020 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

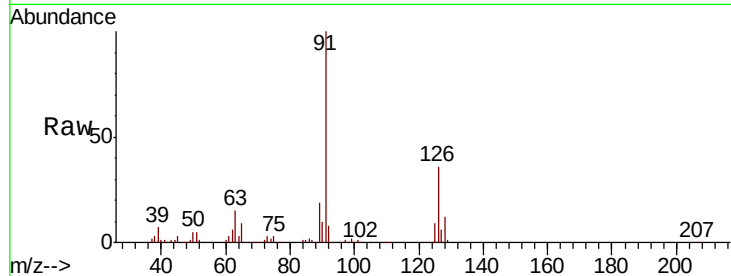
VW1018SBS02

Tot Ion: 91 Resp: 181951

Ion Ratio Lower Upper

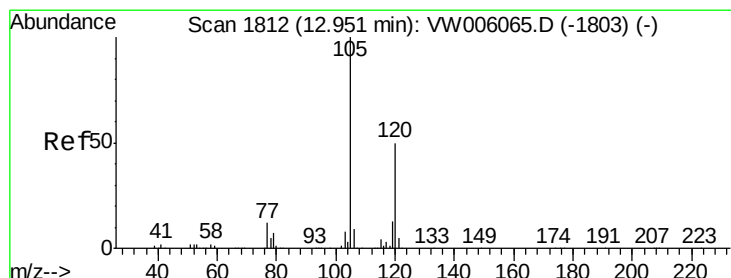
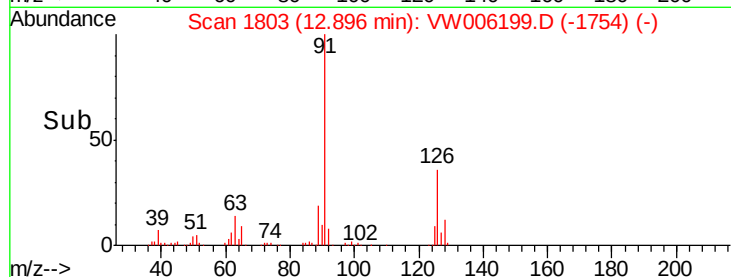
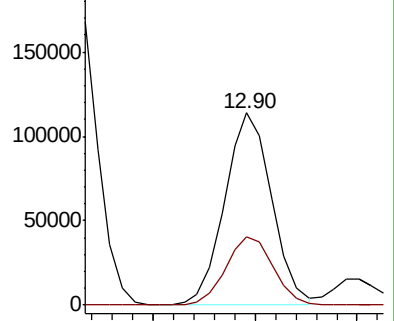
91 100

126 36.2 17.9 53.8



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: 20.728 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006199.D

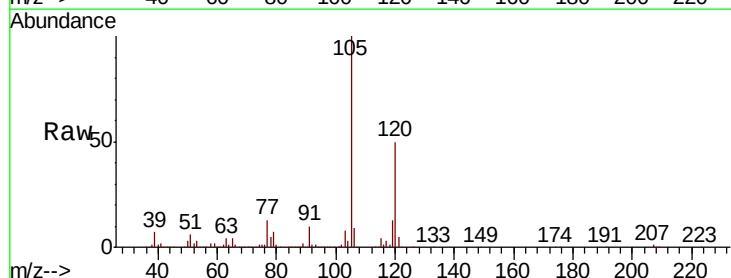
Acq: 19 Oct 2018 03:29

Tgt Ion:105 Resp: 231396

Ion Ratio Lower Upper

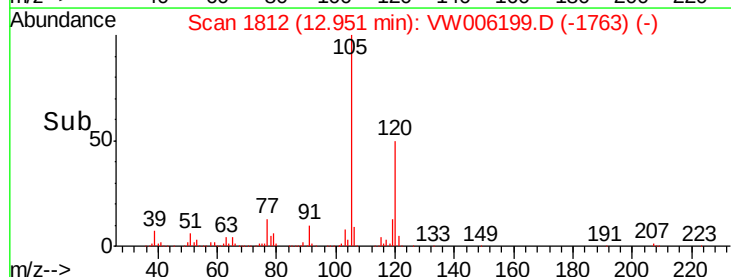
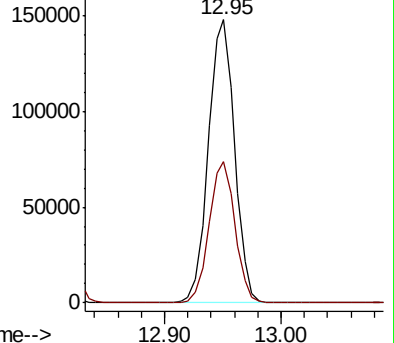
105 100

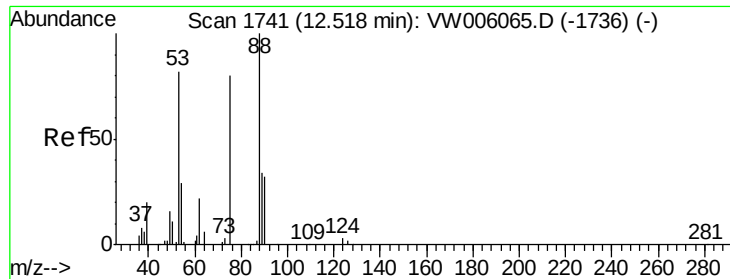
120 49.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

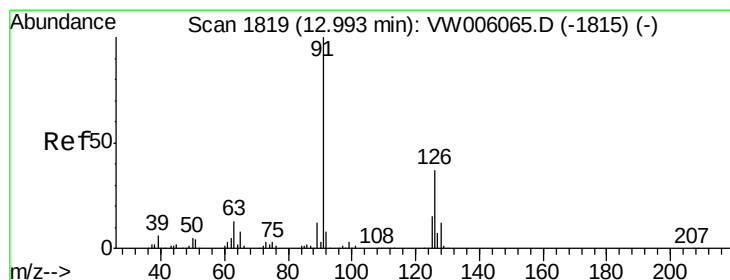
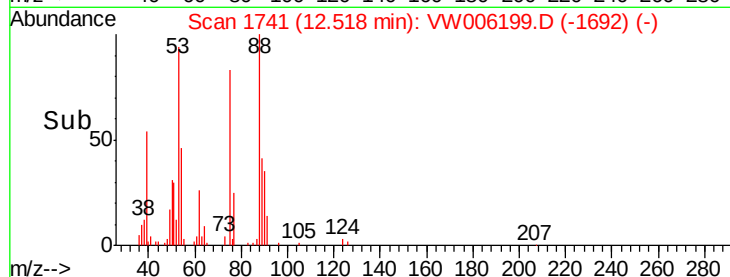
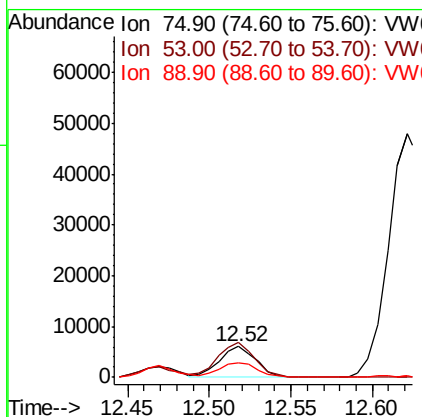
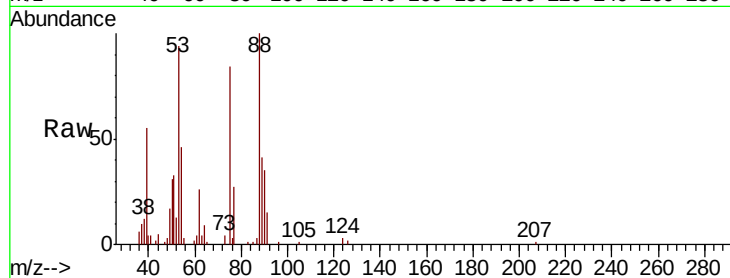




#81
trans-1,4-Dichloro-2-butene
Concen: 15.973 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

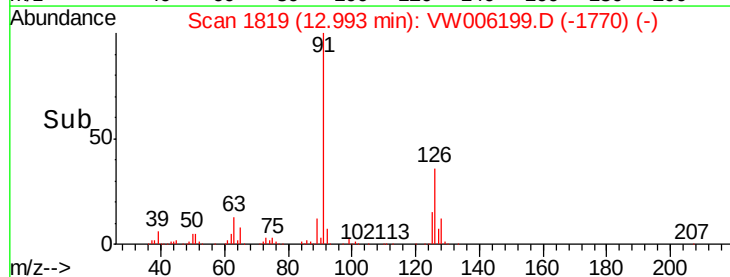
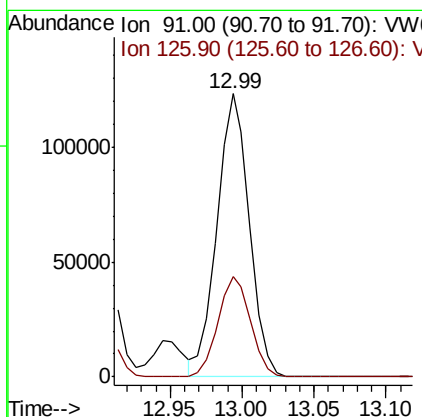
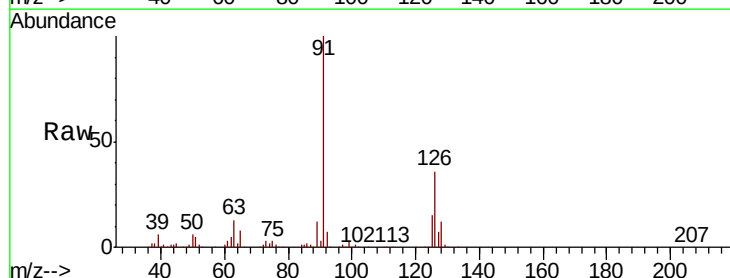
Instrument :
MSVOA_W
ClientSampleId :
VW1018SBSD02

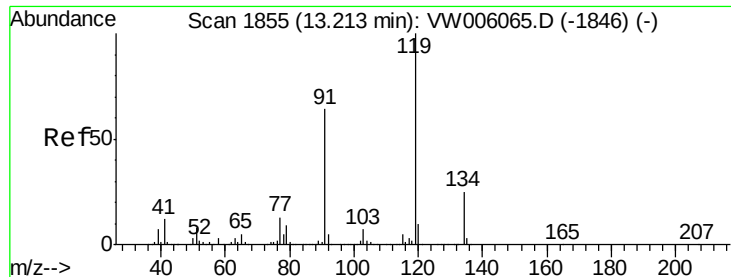
Tot Ion: 75 Resp: 9567
Ion Ratio Lower Upper
75 100
53 111.7 79.8 119.6
89 47.9 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.307 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion: 91 Resp: 193207
Ion Ratio Lower Upper
91 100
126 35.9 18.1 54.3





#83

tert-Butylbenzene

Concen: 20.740 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBSD02

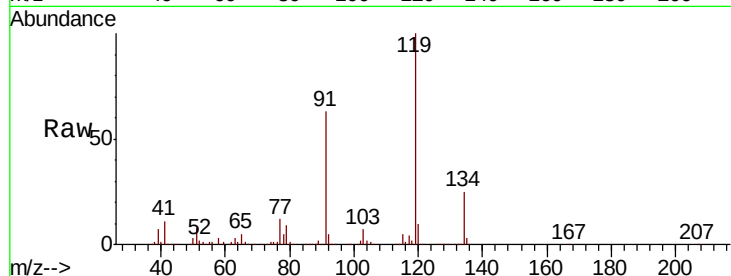
Tot Ion:119 Resp: 207148

Ion Ratio Lower Upper

119 100

91 63.1 32.3 96.9

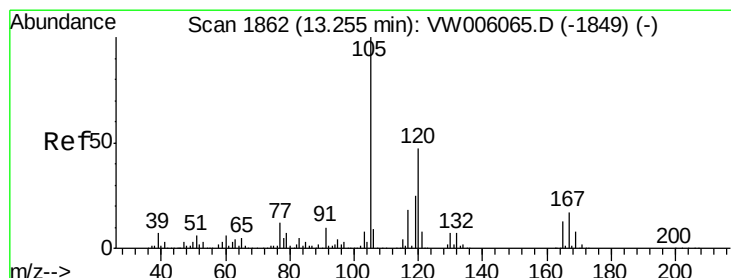
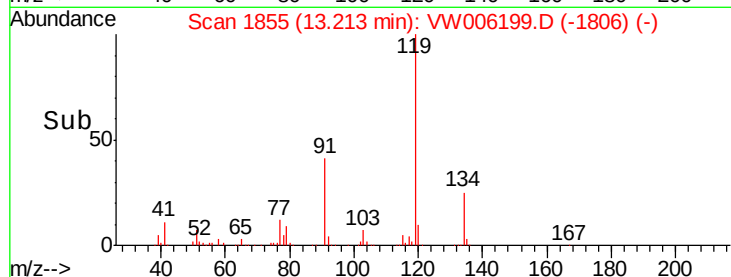
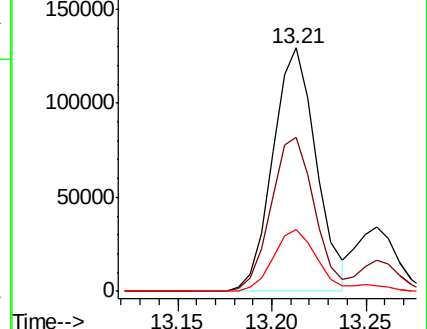
134 27.3 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.866 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006199.D

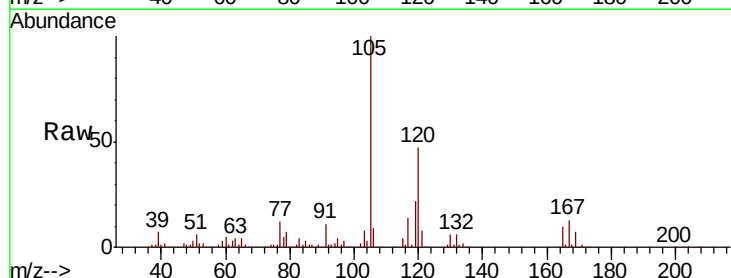
Acq: 19 Oct 2018 03:29

Tgt Ion:105 Resp: 235710

Ion Ratio Lower Upper

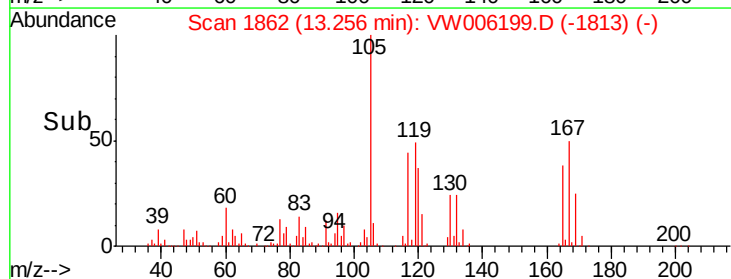
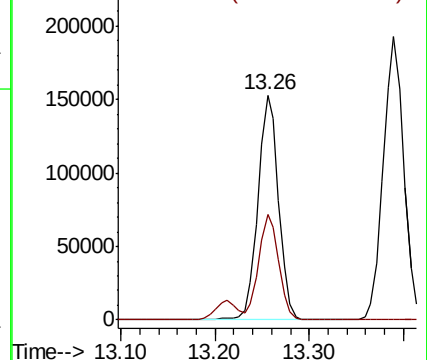
105 100

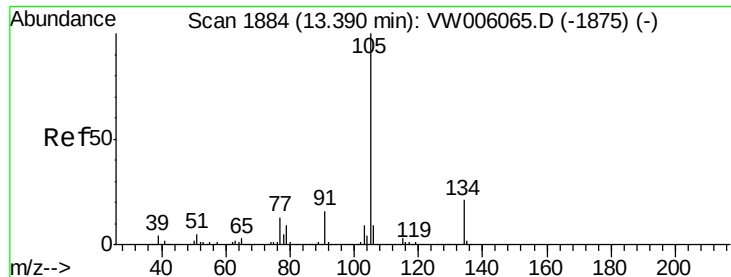
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.592 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

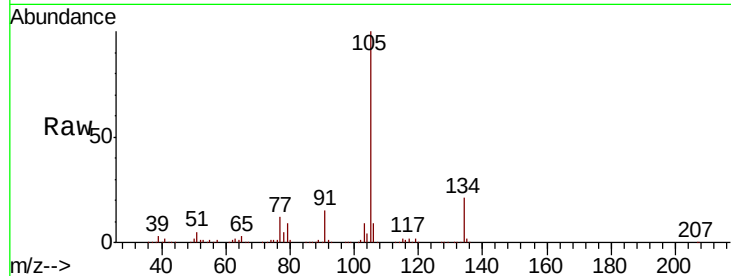
VW1018SBS02

Tot Ion:105 Resp: 290557

Ion Ratio Lower Upper

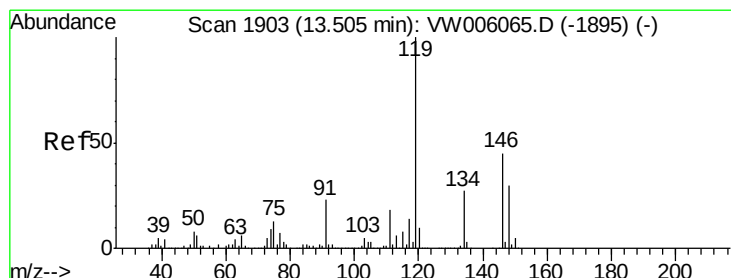
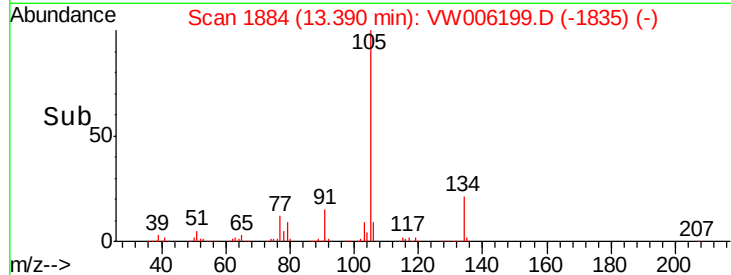
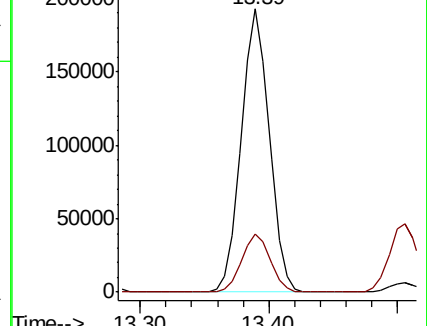
105 100

134 20.9 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.506 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

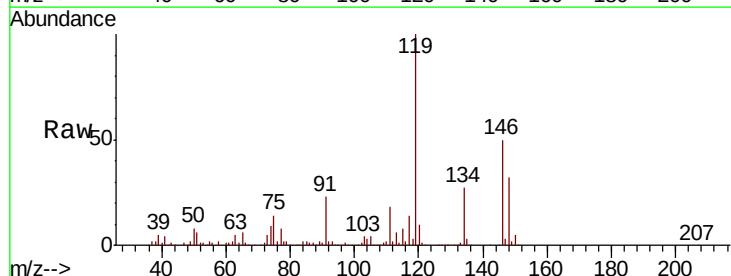
Tgt Ion:119 Resp: 261719

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

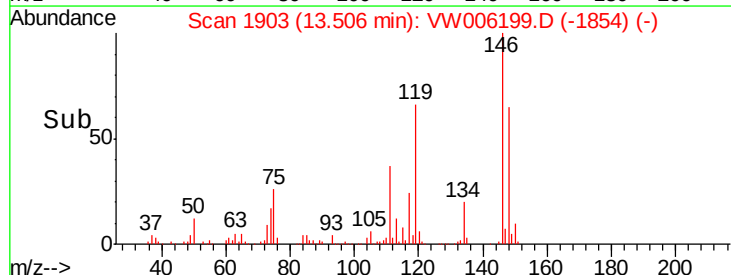
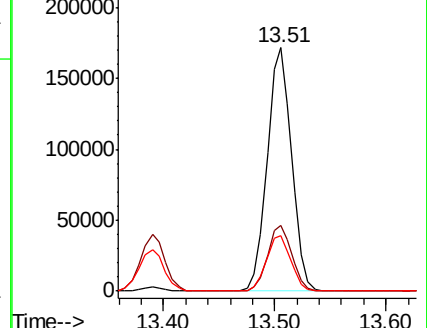
91 23.0 11.4 34.1

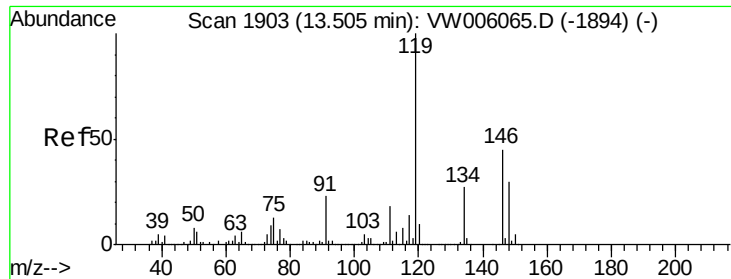


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

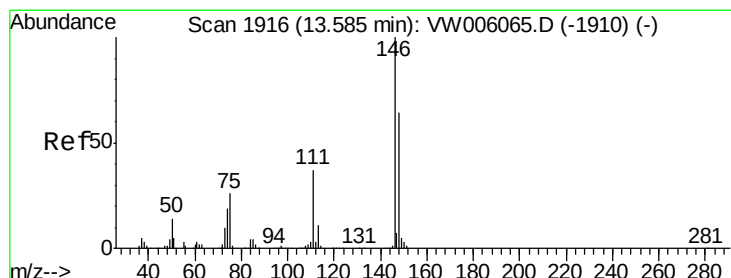
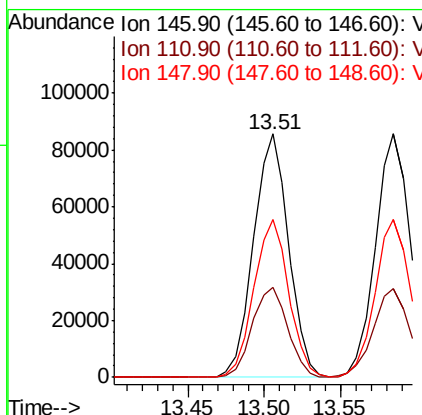
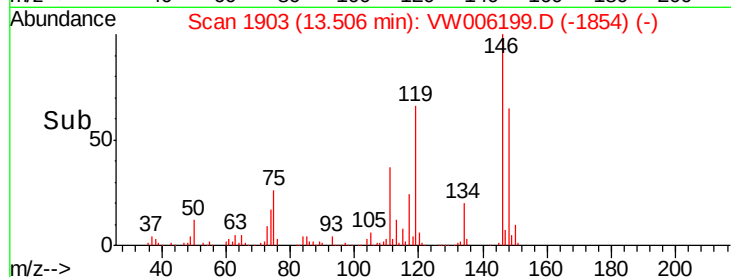
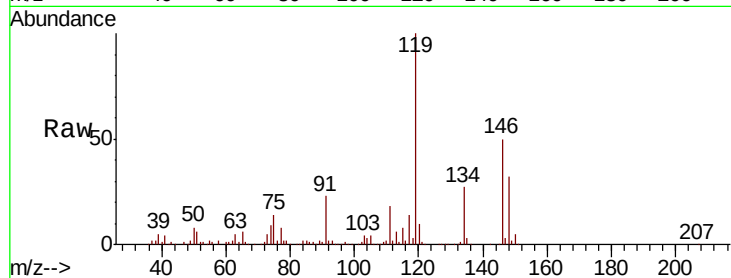




#87
 1,3-Dichlorobenzene
 Concen: 21.172 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

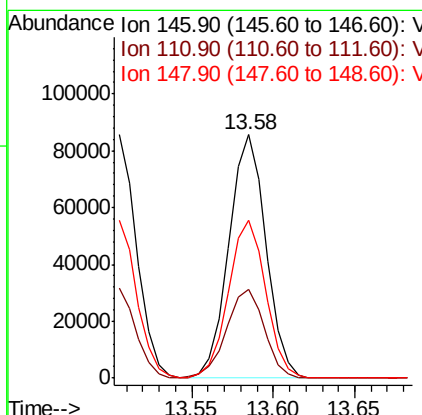
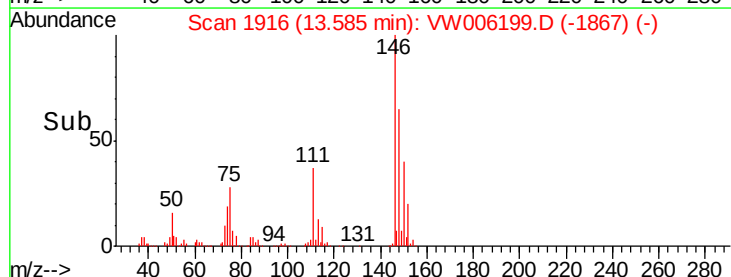
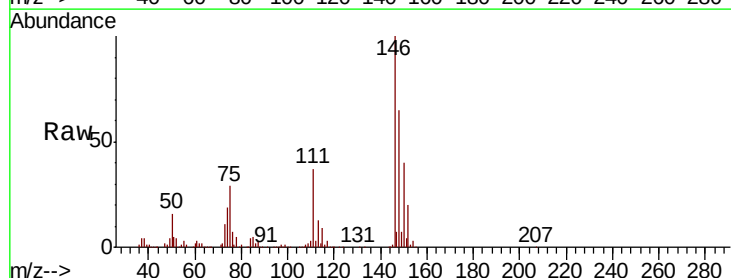
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

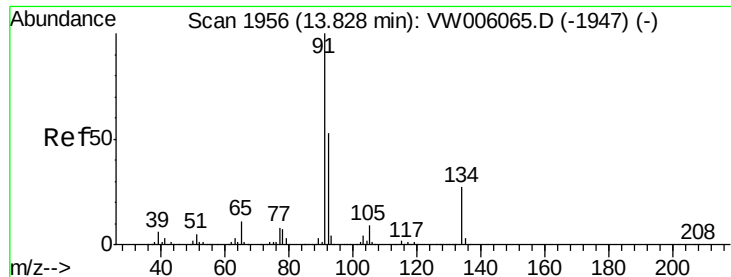
Tot Ion:146 Resp: 136667
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.5
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 21.019 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion:146 Resp: 135088
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 56.0
 148 65.3 32.1 96.5





#89

n-Butylbenzene

Concen: 20.520 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006199.D

Acq: 19 Oct 2018 03:29

Instrument :

MSVOA_W

ClientSampleId :

VW1018SBS02

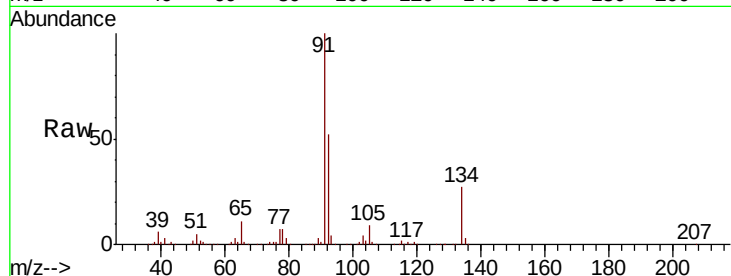
Tot Ion: 91 Resp: 239512

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

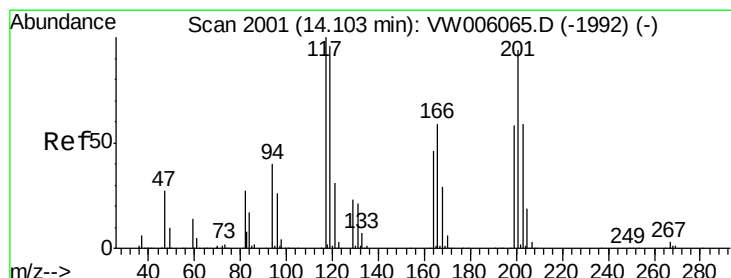
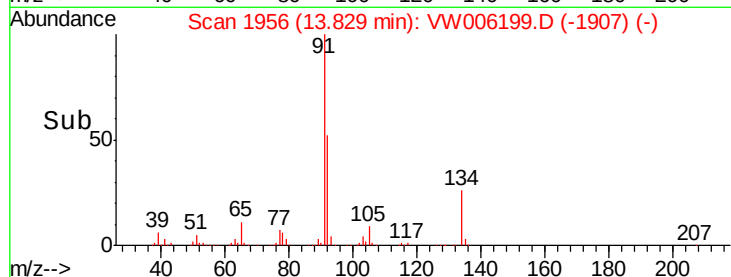
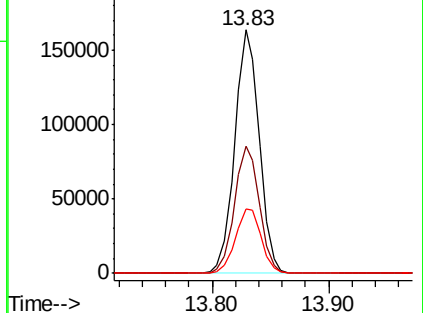
134 27.9 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.052 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW006199.D

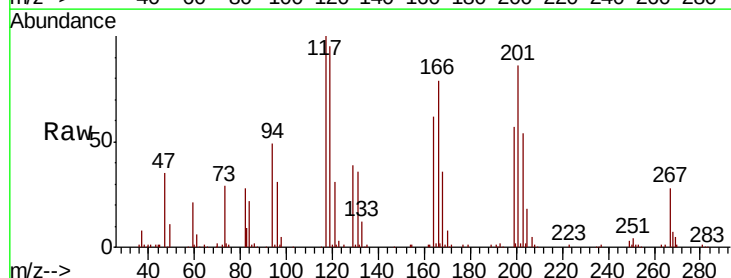
Acq: 19 Oct 2018 03:29

Tgt Ion: 117 Resp: 39026

Ion Ratio Lower Upper

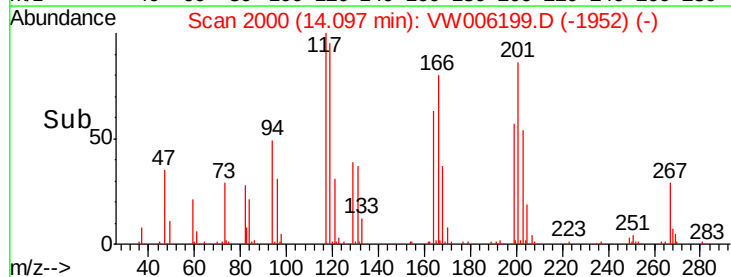
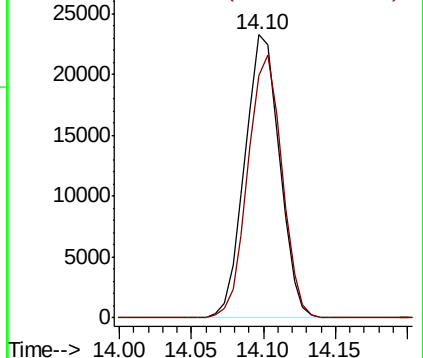
117 100

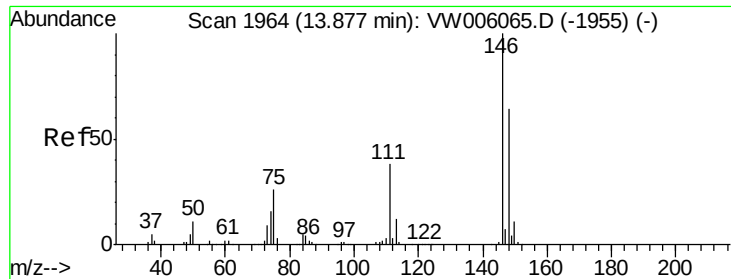
201 90.6 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

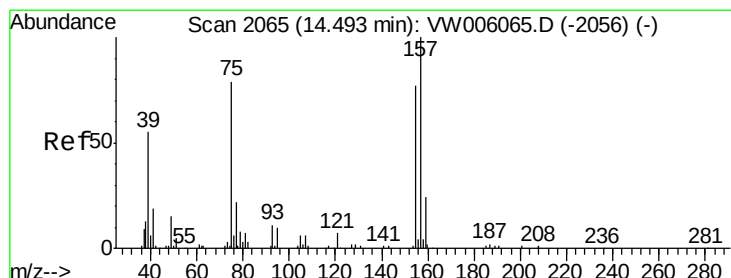
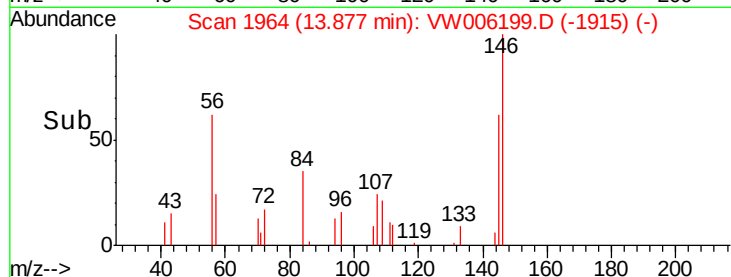
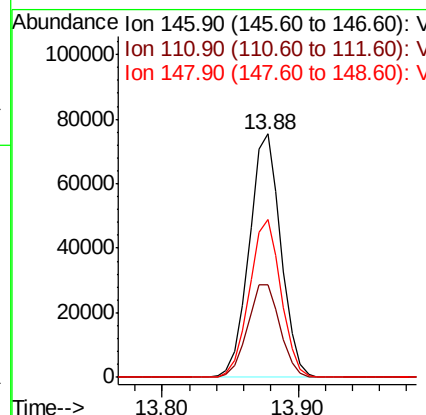
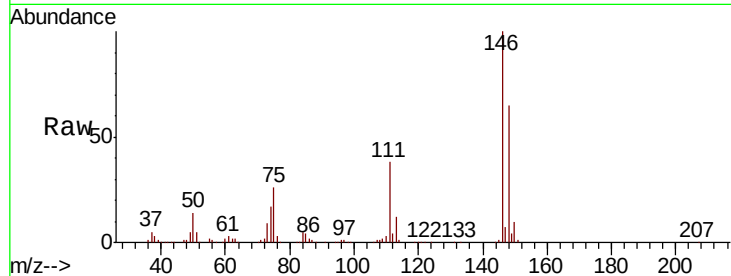




#91
 1,2-Dichlorobenzene
 Concen: 21.282 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

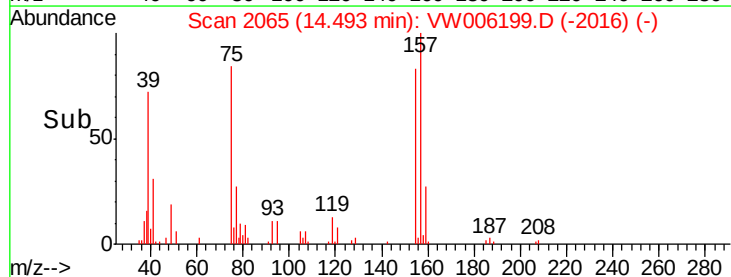
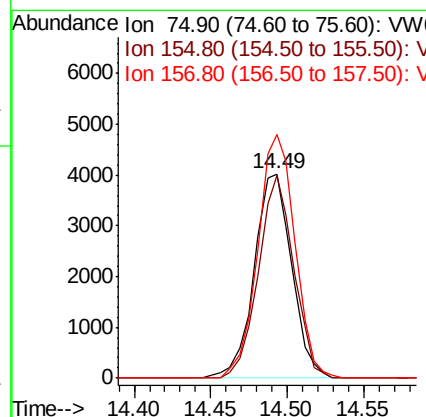
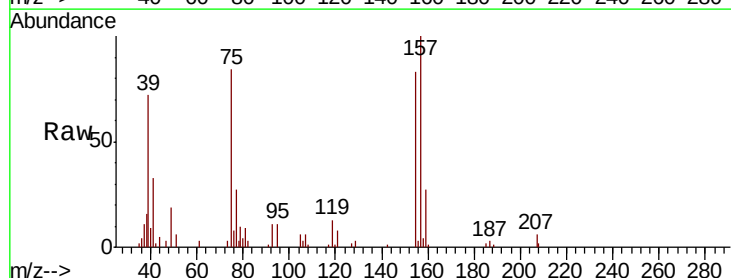
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

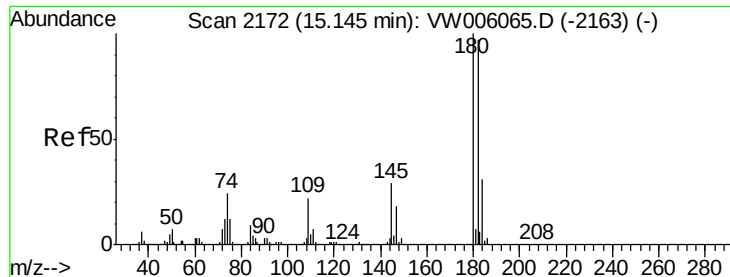
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.8	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.071 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	46.5	139.5
157	117.7	59.8	179.4

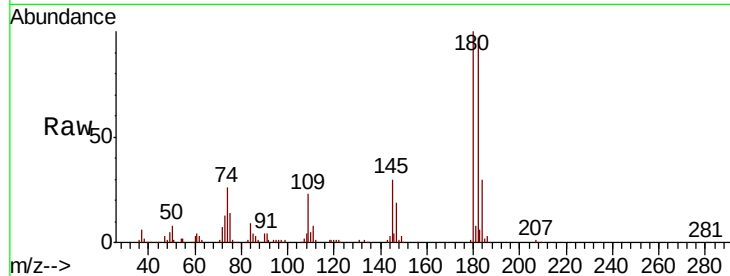




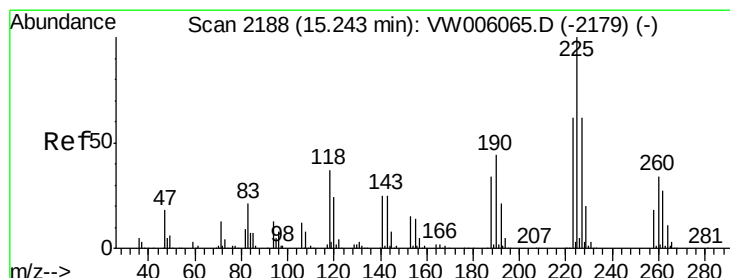
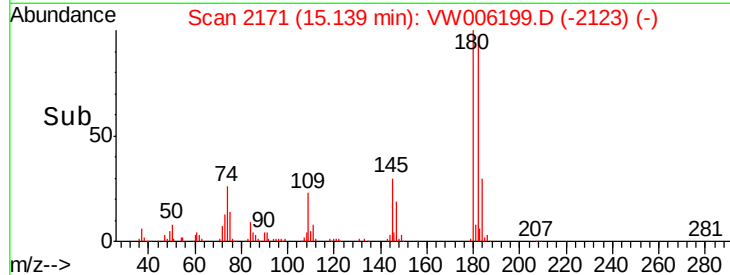
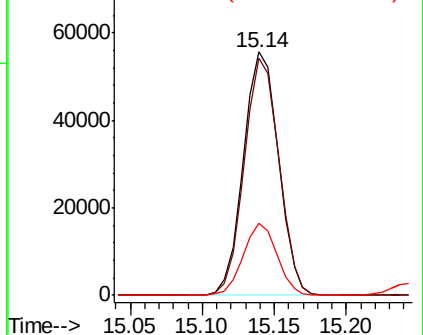
#93
 1,2,4-Trichlorobenzene
 Concen: 21.137 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBSD02

Tot Ion:180 Resp: 93646
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.9 143.6
 145 28.4 14.2 42.8

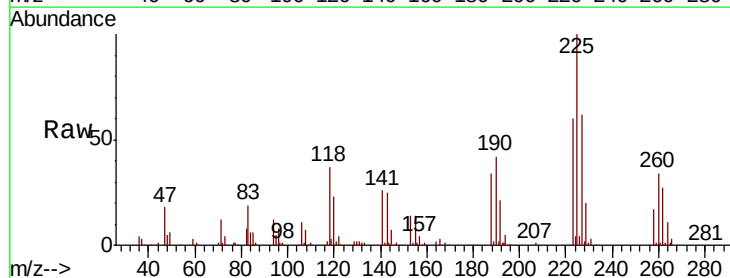


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

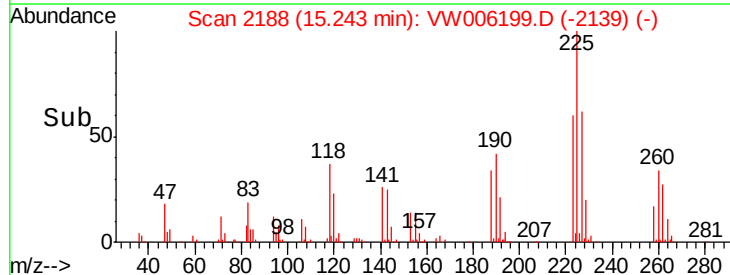
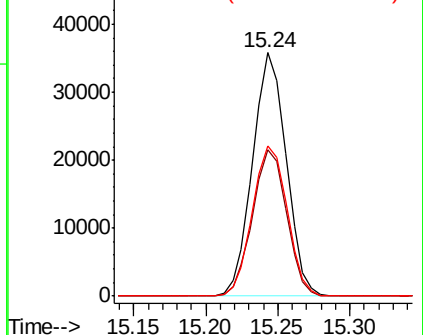


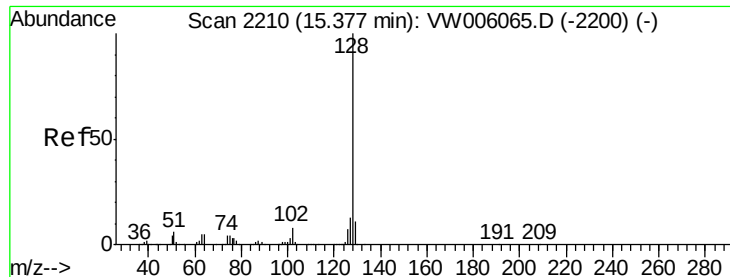
#94
 Hexachlorobutadiene
 Concen: 20.787 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006199.D
 Acq: 19 Oct 2018 03:29

Tgt Ion:225 Resp: 57853
 Ion Ratio Lower Upper
 225 100
 223 61.1 31.1 93.5
 227 63.7 32.4 97.0



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

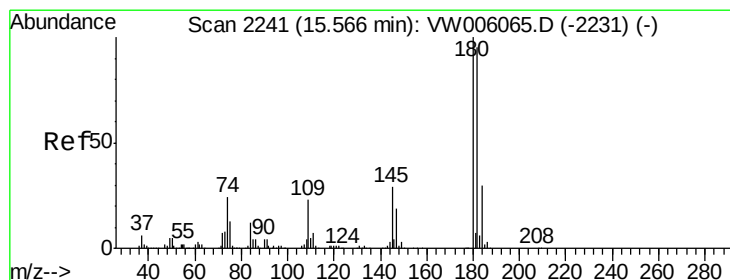
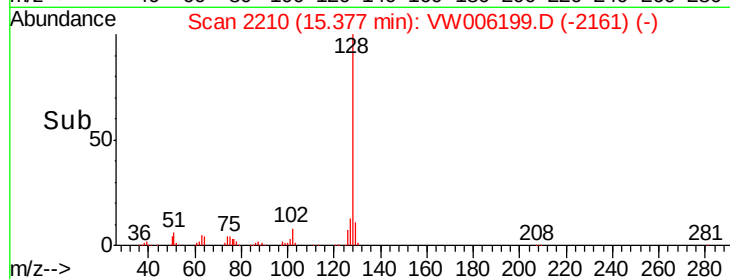
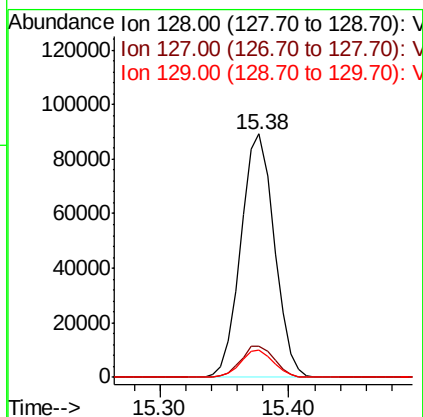
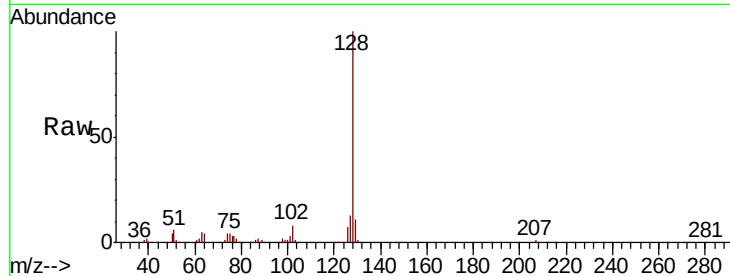




#95
Naphthalene
Concen: 21.781 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Instrument :
MSVOA_W
ClientSampleId :
VW1018SBS02

Tot Ion:128 Resp: 160523
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.679 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006199.D
Acq: 19 Oct 2018 03:29

Tgt Ion:180 Resp: 83075
Ion Ratio Lower Upper
180 100
182 95.7 47.8 143.3
145 30.6 15.0 45.1

