

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
 Data File : VW006123.D
 Acq On : 17 Oct 2018 13:53
 Operator : VA/AP
 Sample : VW1017SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

Quant Time: Oct 17 15:06:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	412384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	372060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	209365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	119857	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.89	113	122716	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.33	98	470302	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.62	95	179767	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26957	18.53	ug/l	99
3) Chloromethane	2.22	50	32515	17.36	ug/l	97
4) Vinyl Chloride	2.37	62	51466	19.24	ug/l	99
5) Bromomethane	2.78	94	44719	18.38	ug/l	99
6) Chloroethane	2.93	64	34973	18.24	ug/l	92
7) Trichlorofluoromethane	3.26	101	51641	20.72	ug/l	100
8) Diethyl Ether	3.68	74	25464	19.23	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	54167	20.74	ug/l	99
10) Methyl Iodide	4.27	142	89807	20.66	ug/l	99
11) Tert butyl alcohol	5.17	59	18782	114.56	ug/l	99
12) 1,1-Dichloroethene	4.03	96	50236	20.45	ug/l	93
13) Acrolein	3.89	56	17977	113.32	ug/l	95
14) Allyl chloride	4.67	41	70563	20.09	ug/l	99
15) Acrylonitrile	5.37	53	50173	105.63	ug/l	99
16) Acetone	4.12	43	61715	127.70	ug/l	100
17) Carbon Disulfide	4.38	76	140367	18.93	ug/l	98
18) Methyl Acetate	4.67	43	24739	20.17	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	78393	20.95	ug/l	95
20) Methylene Chloride	4.92	84	56412	20.92	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	55446	20.22	ug/l	95
22) Diisopropyl ether	6.32	45	142665	20.55	ug/l	99
23) Vinyl Acetate	6.26	43	412331	100.65	ug/l	100
24) 1,1-Dichloroethane	6.22	63	91206	20.36	ug/l	97
25) 2-Butanone	7.18	43	75780	115.07	ug/l	97
26) 2,2-Dichloropropane	7.17	77	67878	21.49	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	61867	20.44	ug/l	97
28) Bromochloromethane	7.52	49	30464	17.62	ug/l	98
29) Tetrahydrofuran	7.54	42	42188	104.22	ug/l	100
30) Chloroform	7.68	83	98300	20.14	ug/l	99
31) Cyclohexane	7.96	56	90328	20.25	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	91190	20.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	80884	21.28	ug/l	100
37) Ethyl Acetate	7.26	43	29576	20.94	ug/l	99
38) Carbon Tetrachloride	8.07	117	86165	20.68	ug/l	97

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 ClientSampleId :
 VW1017SBS01

Quant Time: Oct 17 15:06:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	106763	21.13	ug/l	98
40) Benzene	8.33	78	218538	20.96	ug/l	100
41) Methacrylonitrile	7.49	41	17310	20.33	ug/l	95
42) 1,2-Dichloroethane	8.40	62	65126	21.26	ug/l	100
43) Isopropyl Acetate	8.43	43	59071	20.46	ug/l	99
44) Trichloroethene	9.10	130	68410	21.39	ug/l	99
45) 1,2-Dichloropropane	9.37	63	51710	20.73	ug/l	99
46) Dibromomethane	9.46	93	29153	20.50	ug/l	98
47) Bromodichloromethane	9.65	83	68746	19.94	ug/l	99
48) Methyl methacrylate	9.44	41	28344	20.71	ug/l	97
49) 1,4-Dioxane	9.45	88	9249	422.49	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	150632	104.12	ug/l	99
52) Toluene	10.39	92	146402	20.94	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	67765	19.73	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	79946	20.28	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41365	20.79	ug/l	99
56) Ethyl methacrylate	10.65	69	50400	20.66	ug/l	99
57) 1,3-Dichloropropane	10.94	76	68497	20.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88280	94.70	ug/l	98
59) 2-Hexanone	10.98	43	114438	110.81	ug/l	99
60) Dibromochloromethane	11.13	129	48935	19.74	ug/l	100
61) 1,2-Dibromoethane	11.24	107	41389	20.82	ug/l	100
64) Tetrachloroethene	10.87	164	61337	21.24	ug/l	98
65) Chlorobenzene	11.66	112	169173	21.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	58080	20.52	ug/l	99
67) Ethyl Benzene	11.74	91	296708	21.50	ug/l	98
68) m/p-Xylenes	11.85	106	232482	42.61	ug/l	99
69) o-Xylene	12.17	106	110609	21.27	ug/l	100
70) Styrene	12.19	104	176721	20.90	ug/l	99
71) Bromoform	12.35	173	30102	19.07	ug/l #	99
73) Isopropylbenzene	12.47	105	317077	21.44	ug/l	100
74) N-amyl acetate	12.28	43	58951	20.52	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46706	20.76	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	61442	38.42	ug/l #	100
77) Bromobenzene	12.76	156	76008	20.98	ug/l	99
78) n-propylbenzene	12.81	91	368576	21.42	ug/l	100
79) 2-Chlorotoluene	12.90	91	204689	21.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	265974	21.33	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11826	17.68	ug/l	92
82) 4-Chlorotoluene	12.99	91	215633	21.29	ug/l	99
83) tert-Butylbenzene	13.21	119	238858	21.41	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	268795	21.30	ug/l	99
85) sec-Butylbenzene	13.39	105	339152	21.52	ug/l	100
86) p-Isopropyltoluene	13.51	119	308058	21.61	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	153178	21.25	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	151361	21.08	ug/l	99
89) n-Butylbenzene	13.83	91	284374	21.81	ug/l	99
90) Hexachloroethane	14.10	117	47908	19.84	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	135590	21.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8108	20.13	ug/l	98

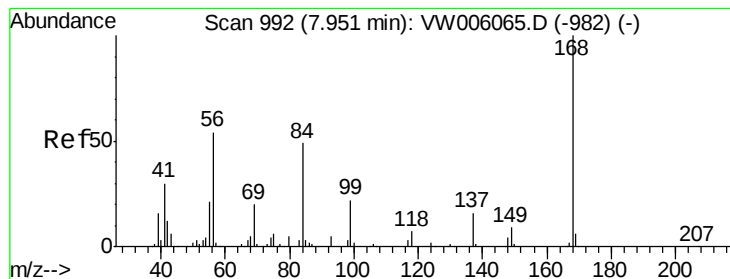
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101718\
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ClientSampleId :
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Quant Time: Oct 17 15:06:09 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	106052	21.43	ug/l	99
94) Hexachlorobutadiene	15.25	225	68550	22.05	ug/l	99
95) Naphthalene	15.38	128	173314	21.05	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	92430	21.59	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

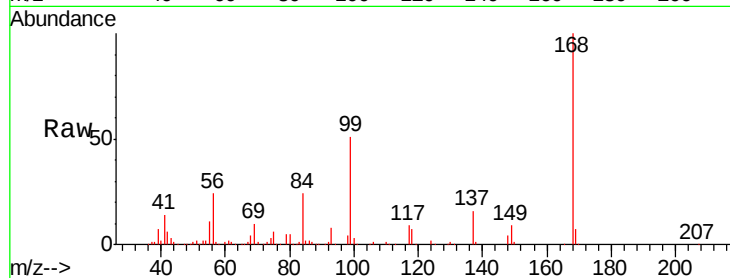
VW1017SBSD01

Tgt Ion:168 Resp: 294045

Ion Ratio Lower Upper

168 100

99 50.8 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

150000

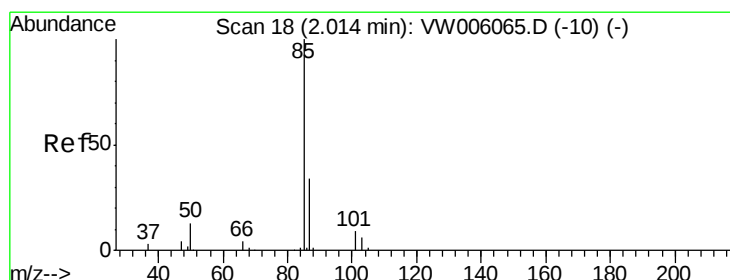
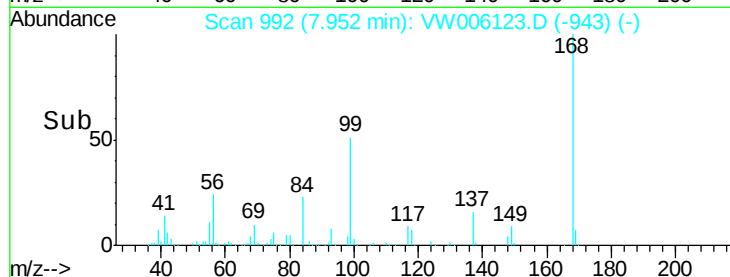
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 18.53 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006123.D

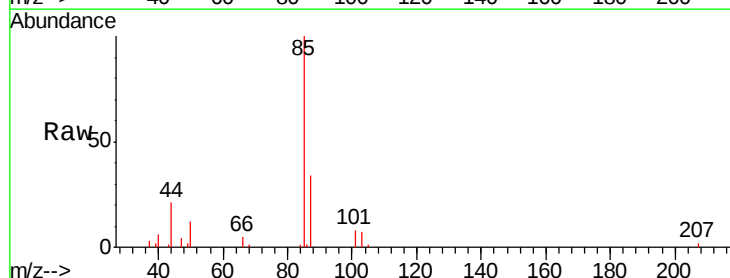
Acq: 17 Oct 2018 13:53

Tgt Ion: 85 Resp: 26957

Ion Ratio Lower Upper

85 100

87 34.4 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

8000

6000

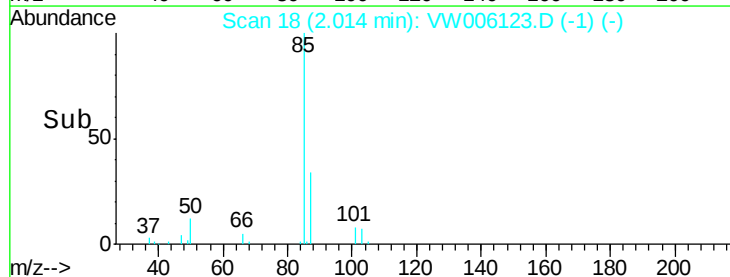
4000

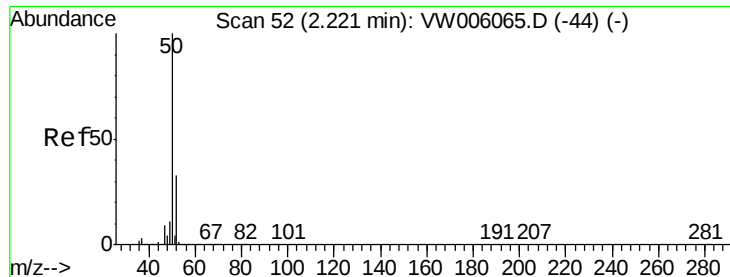
2000

0

1.90 2.00 2.10 2.20

Time-->

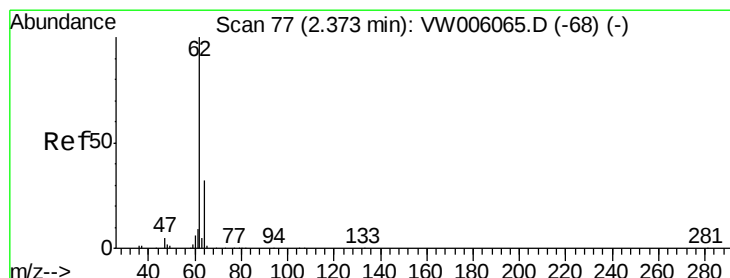
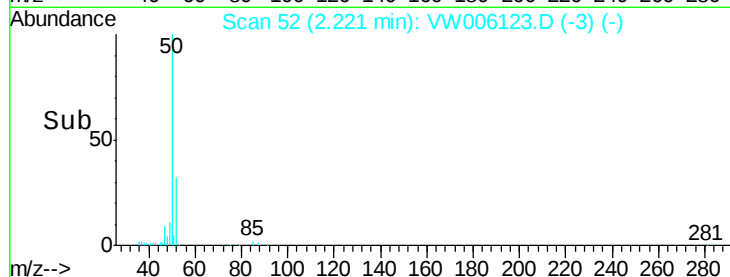
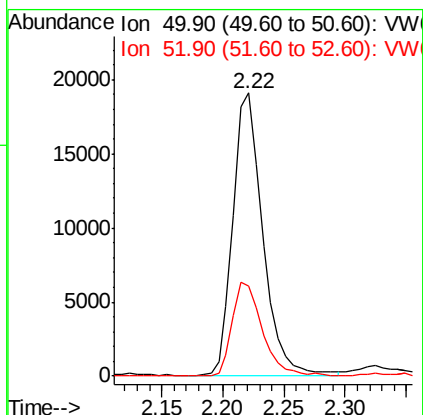
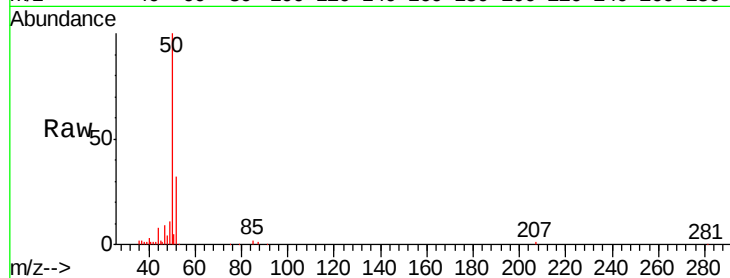




#3
Chloromethane
Concen: 17.36 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

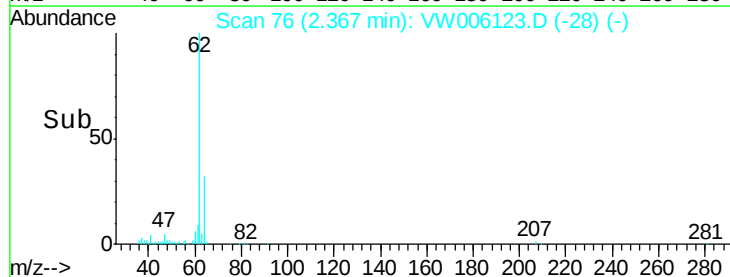
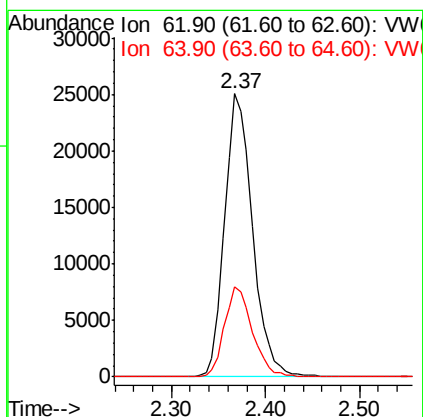
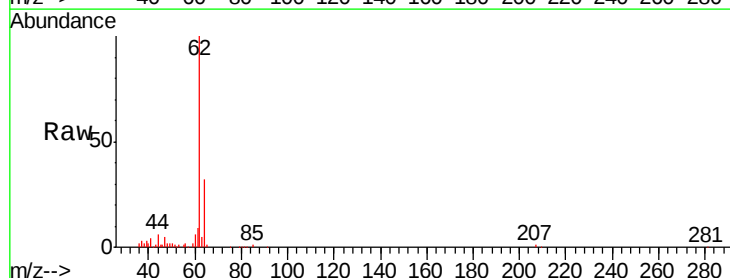
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

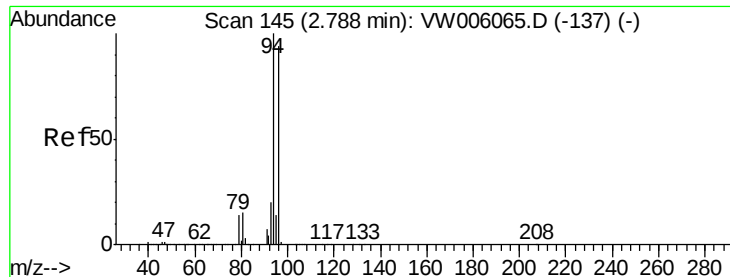
Tgt Ion: 50 Resp: 32515
Ion Ratio Lower Upper
50 100
52 31.9 26.8 40.2



#4
Vinyl Chloride
Concen: 19.24 ug/l
RT: 2.37 min Scan# 76
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 62 Resp: 51466
Ion Ratio Lower Upper
62 100
64 31.8 25.9 38.9





#5

Bromomethane

Concen: 18.38 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

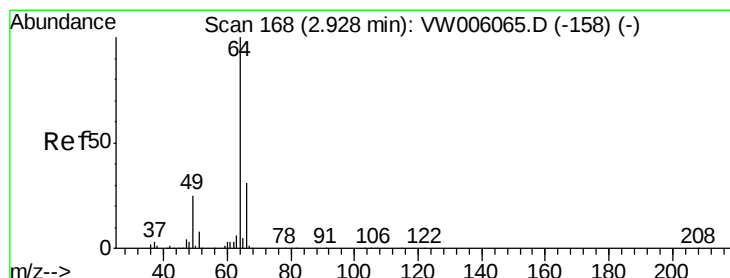
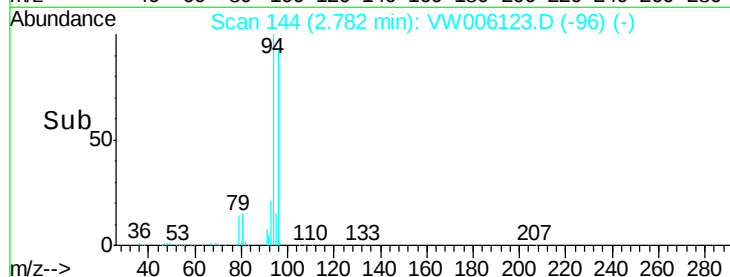
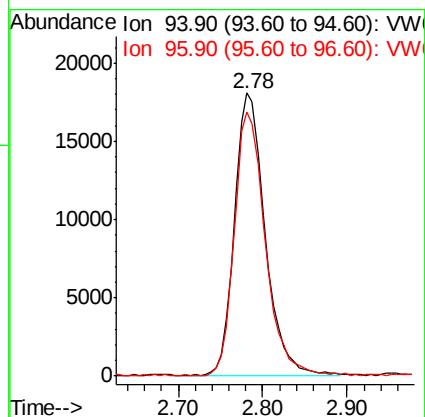
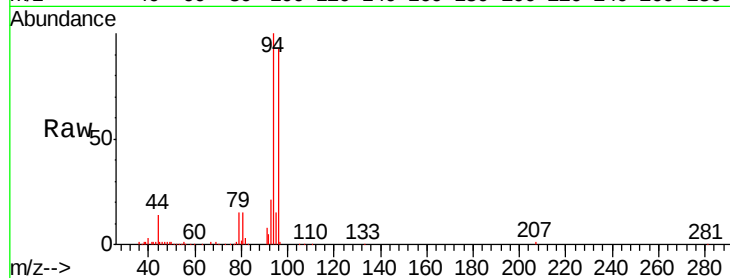
VW1017SBSD01

Tgt Ion: 94 Resp: 44719

Ion Ratio Lower Upper

94 100

96 93.0 74.9 112.3



#6

Chloroethane

Concen: 18.24 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006123.D

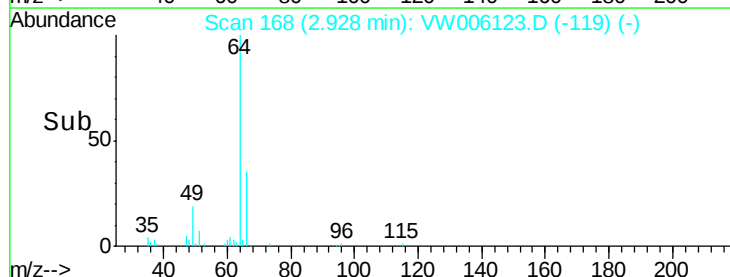
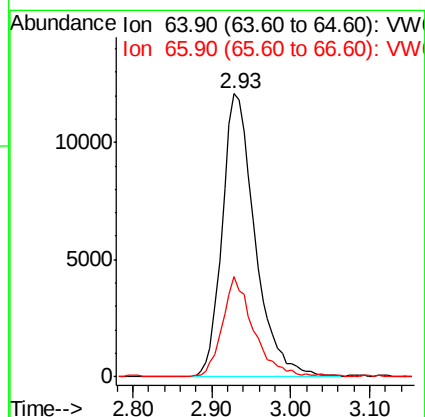
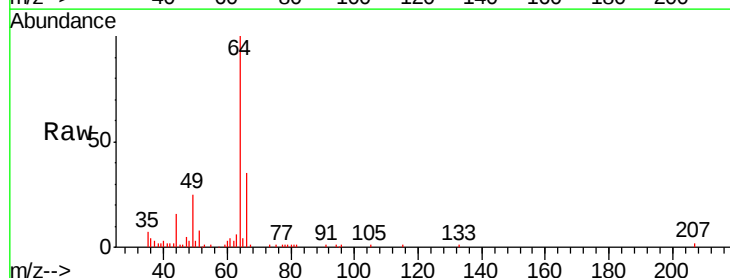
Acq: 17 Oct 2018 13:53

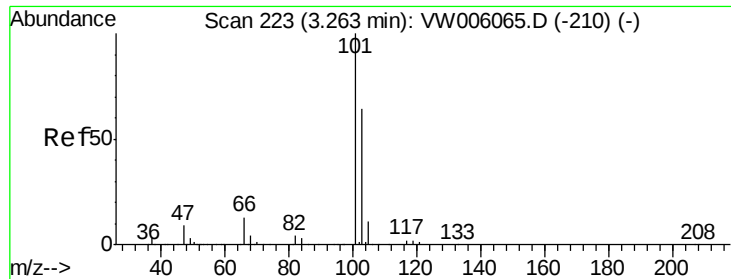
Tgt Ion: 64 Resp: 34973

Ion Ratio Lower Upper

64 100

66 35.3 24.9 37.3





#7

Trichlorofluoromethane

Concen: 20.72 ug/l

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

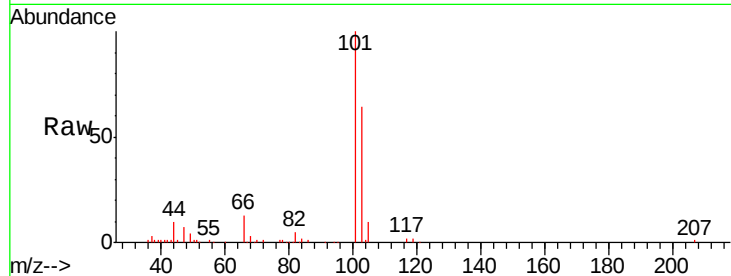
VW1017SBSD01

Tgt Ion:101 Resp: 51641

Ion Ratio Lower Upper

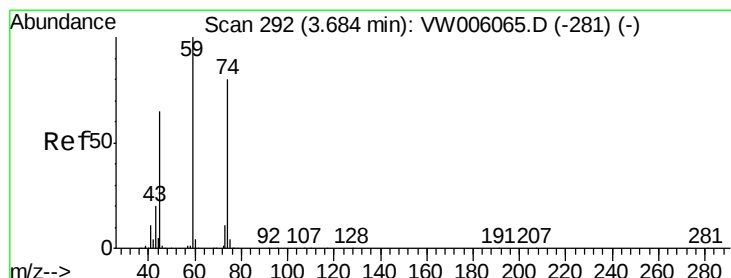
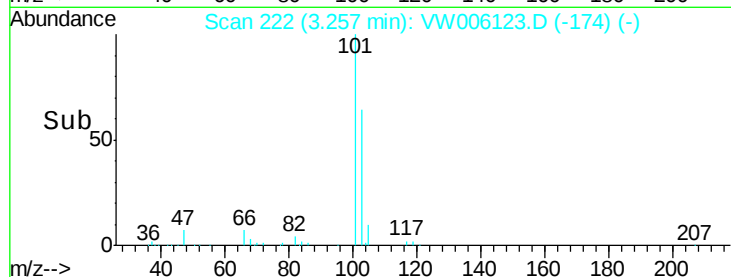
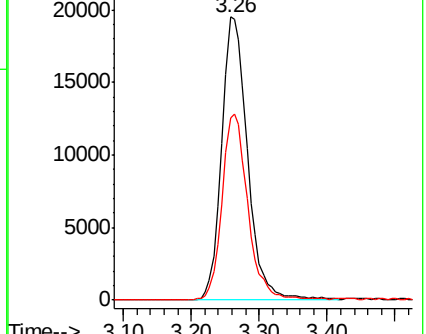
101 100

103 64.4 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.23 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW006123.D

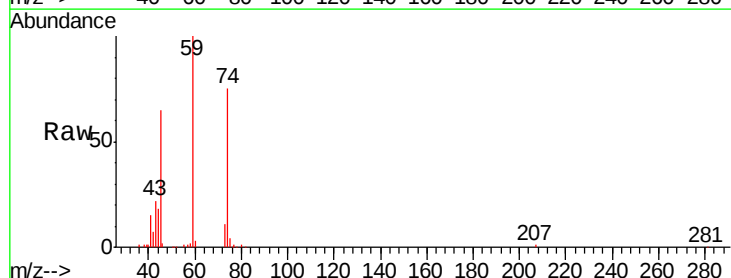
Acq: 17 Oct 2018 13:53

Tgt Ion: 74 Resp: 25464

Ion Ratio Lower Upper

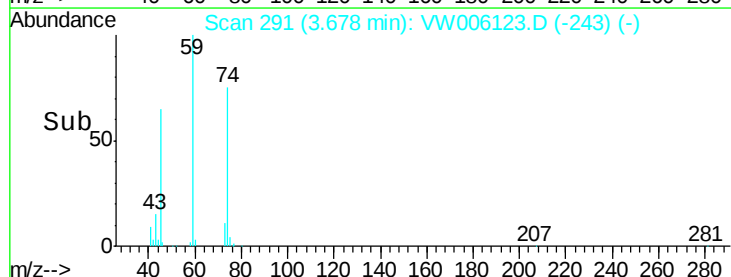
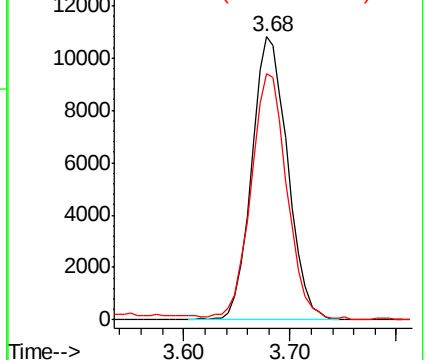
74 100

45 88.1 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.74 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

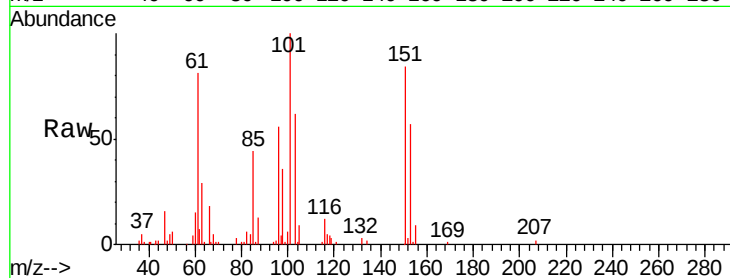
Tgt Ion:101 Resp: 54167

Ion Ratio Lower Upper

101 100

85 43.8 34.9 52.3

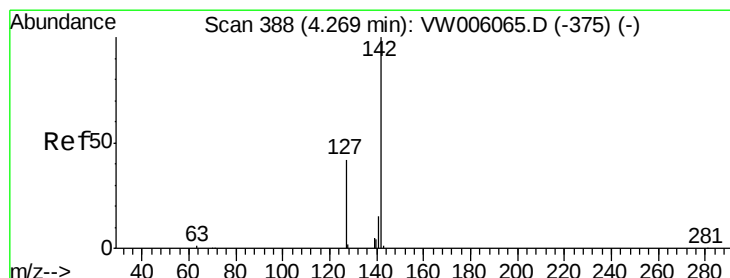
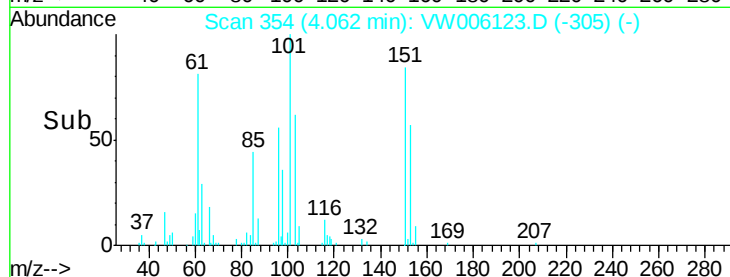
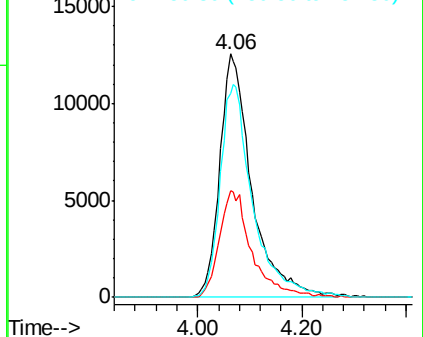
151 89.0 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.66 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

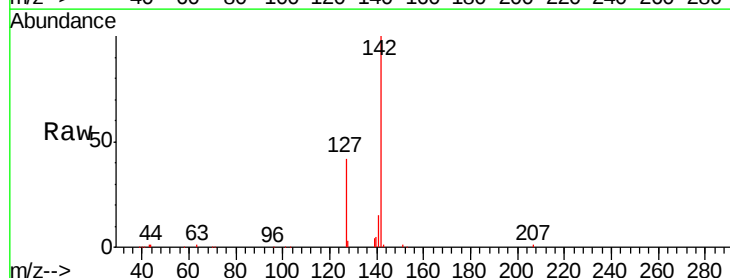
Tgt Ion:142 Resp: 89807

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

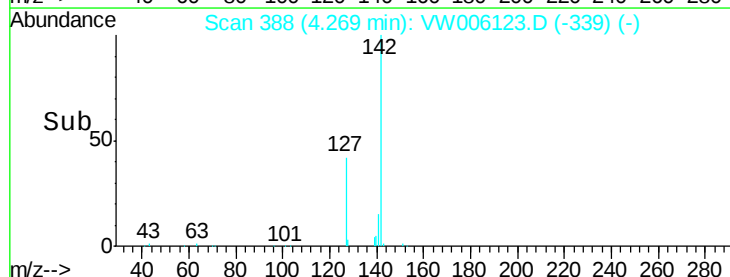
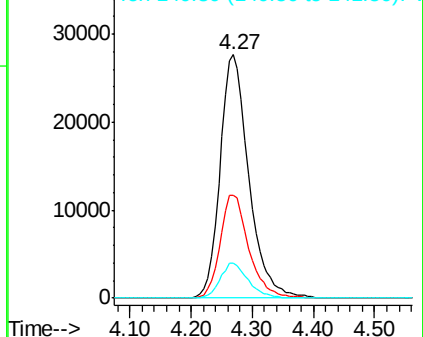
141 14.2 11.6 17.4

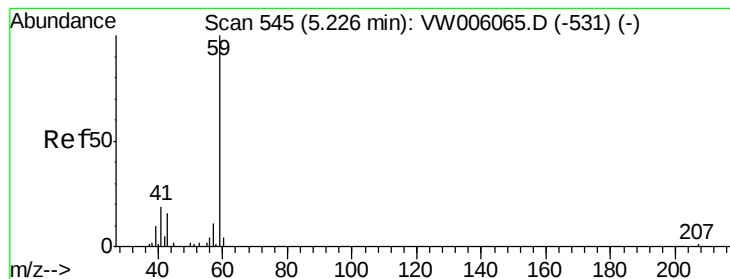


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



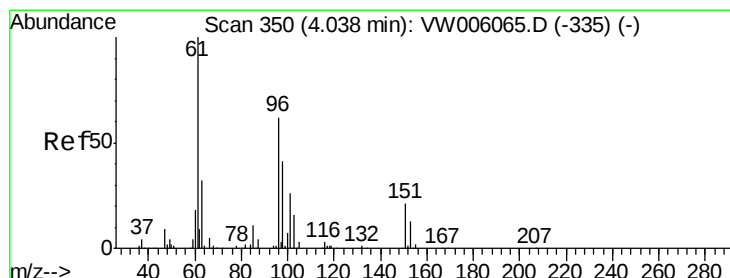
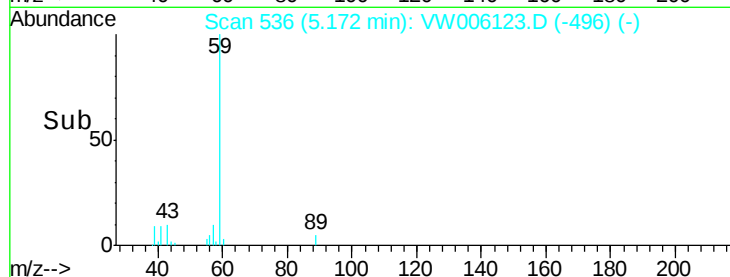
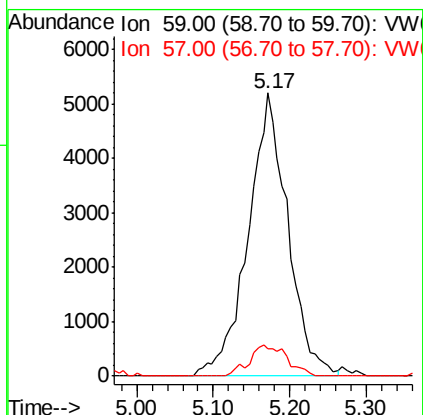
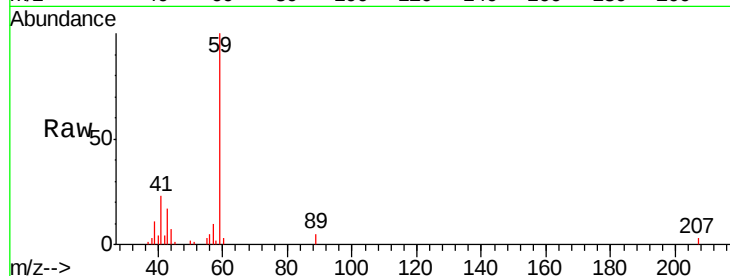


#11

Tert butyl alcohol
Concen: 114.56 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.05 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

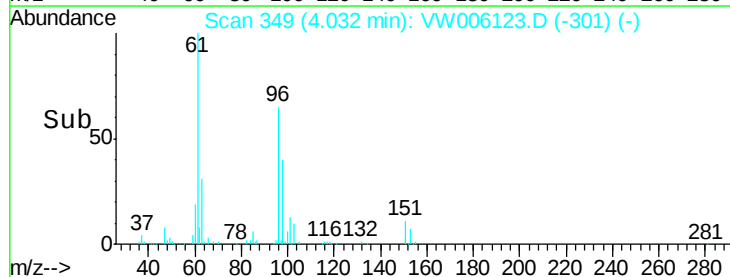
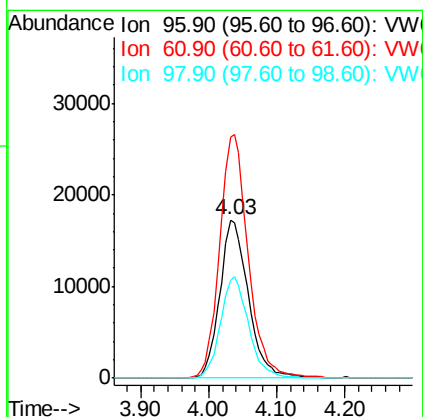
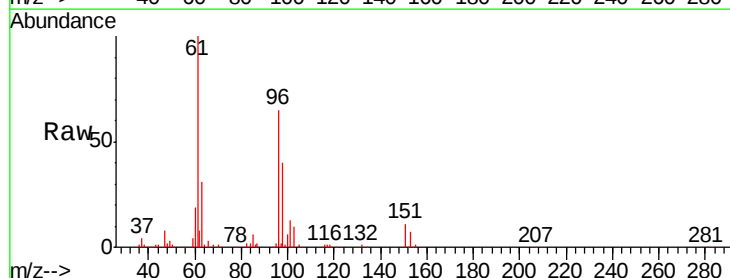
Tgt Ion: 59 Resp: 18782
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

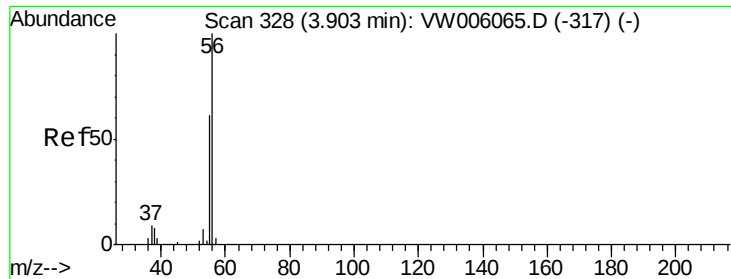


#12

1,1-Dichloroethene
Concen: 20.45 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 96 Resp: 50236
Ion Ratio Lower Upper
96 100
61 152.6 129.3 193.9
98 61.8 53.1 79.7





#13

Acrolein

Concen: 113.32 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

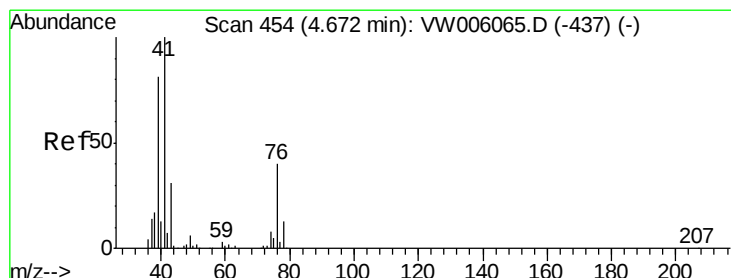
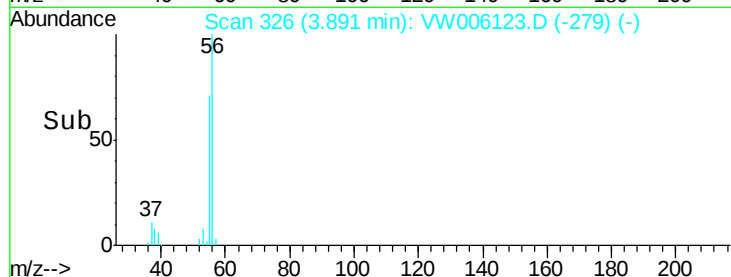
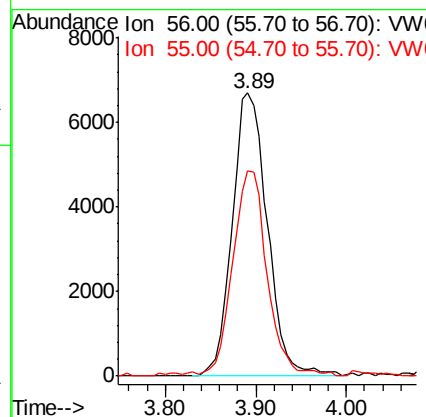
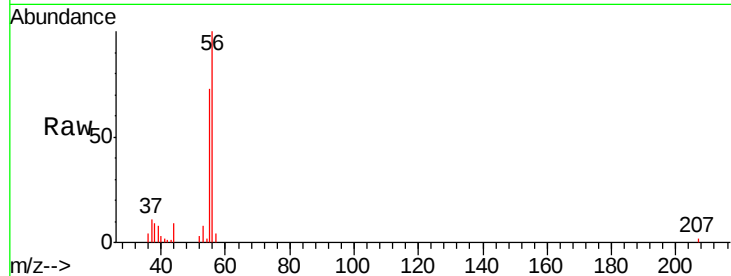
VW1017SBSD01

Tgt Ion: 56 Resp: 17977

Ion Ratio Lower Upper

56 100

55 72.4 54.5 81.7



#14

Allyl chloride

Concen: 20.09 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

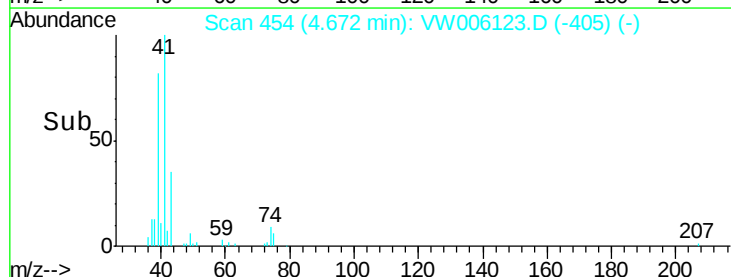
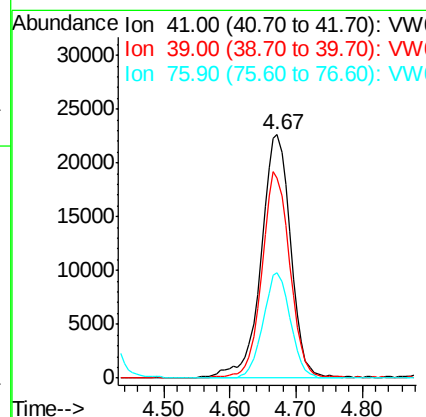
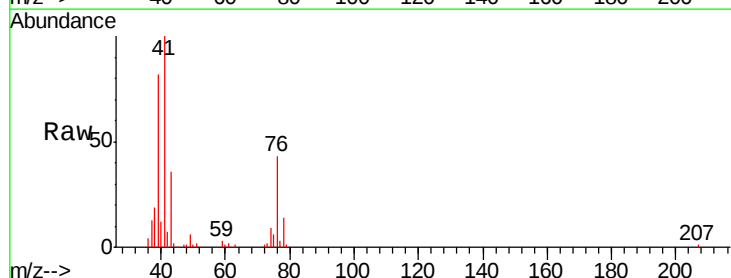
Tgt Ion: 41 Resp: 70563

Ion Ratio Lower Upper

41 100

39 79.7 64.1 96.1

76 39.6 32.2 48.4





#15

Acrylonitrile

Concen: 105.63 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

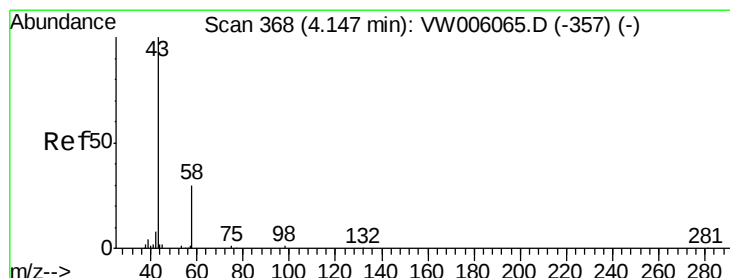
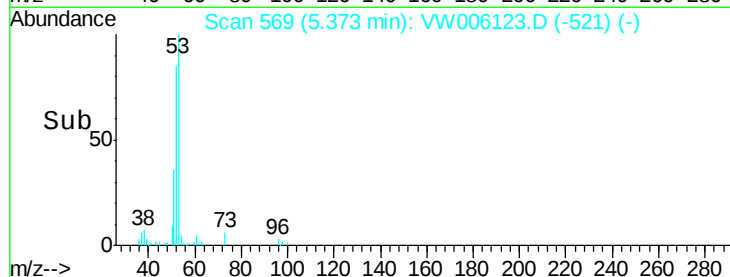
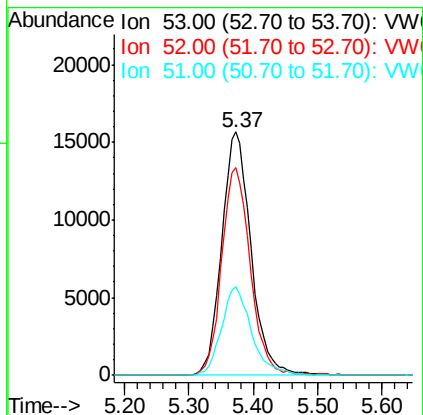
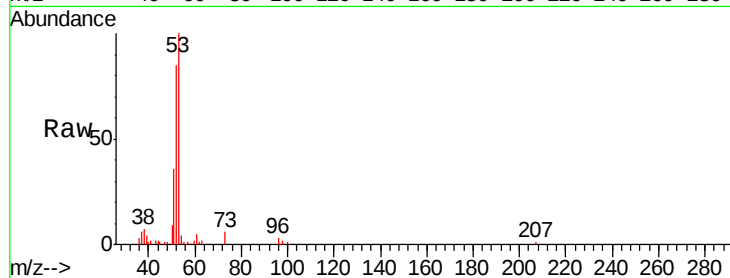
Tgt Ion: 53 Resp: 50173

Ion Ratio Lower Upper

53 100

52 83.1 66.9 100.3

51 37.3 30.1 45.1



#16

Acetone

Concen: 127.70 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW006123.D

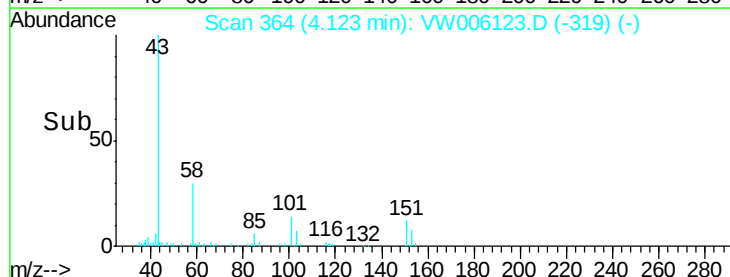
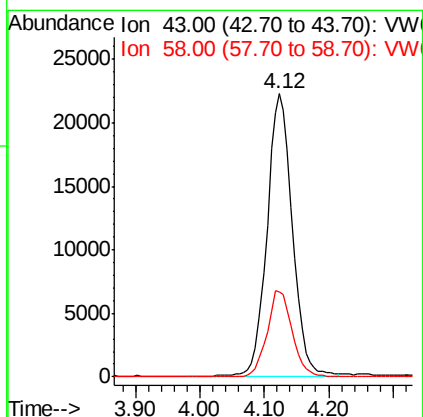
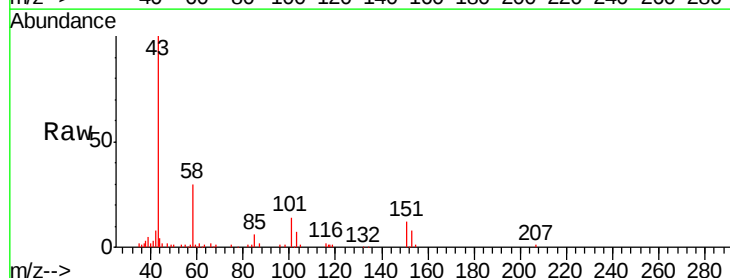
Acq: 17 Oct 2018 13:53

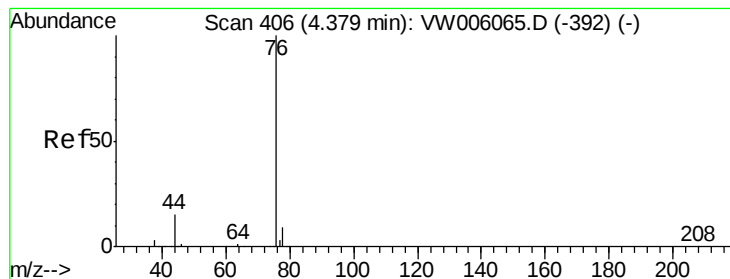
Tgt Ion: 43 Resp: 61715

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0





#17

Carbon Disulfide

Concen: 18.93 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

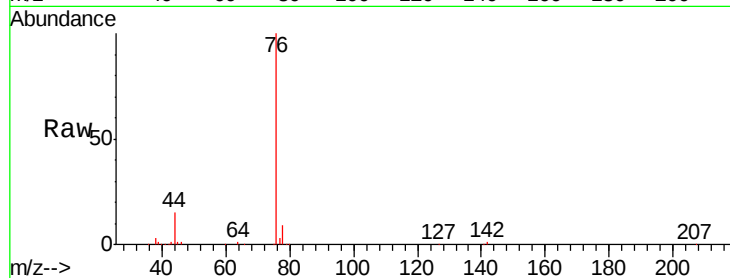
VW1017SBSD01

Tgt Ion: 76 Resp: 140367

Ion Ratio Lower Upper

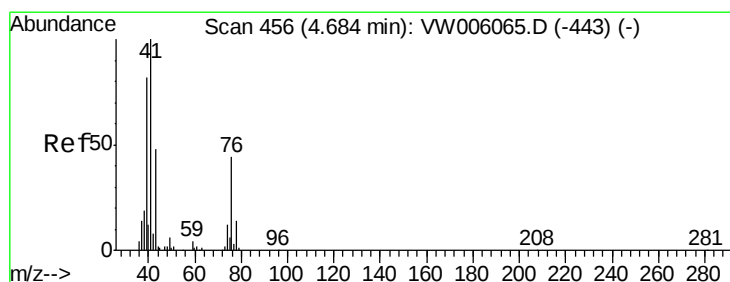
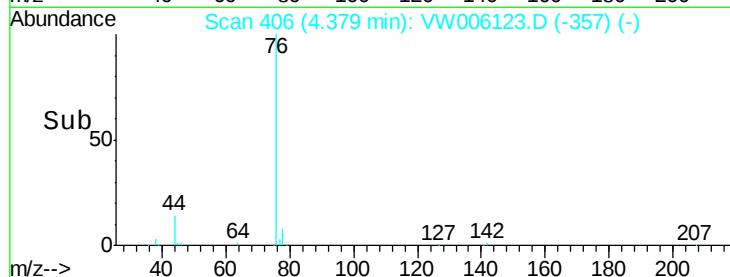
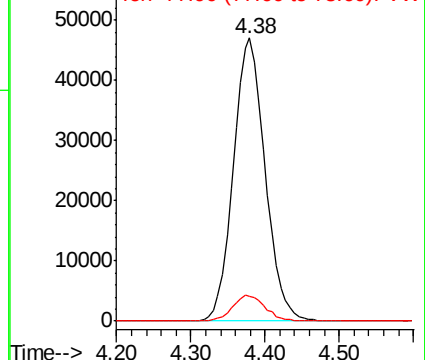
76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 20.17 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006123.D

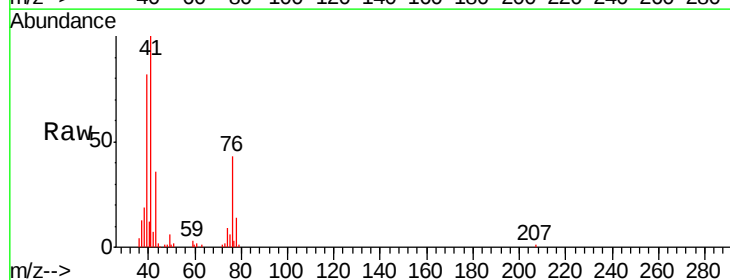
Acq: 17 Oct 2018 13:53

Tgt Ion: 43 Resp: 24739

Ion Ratio Lower Upper

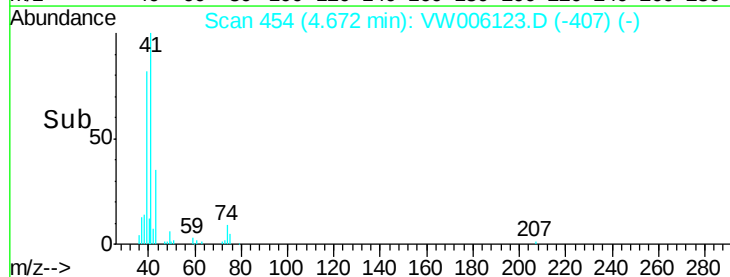
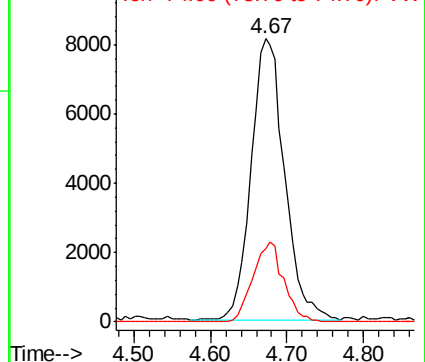
43 100

74 25.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

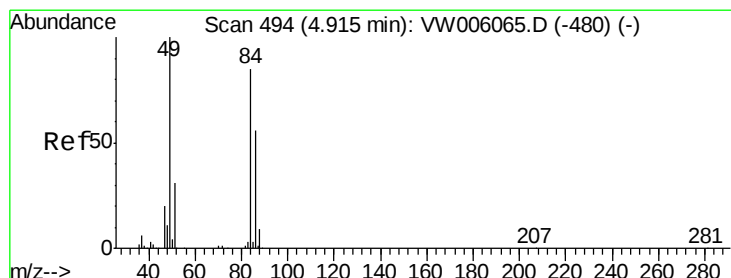
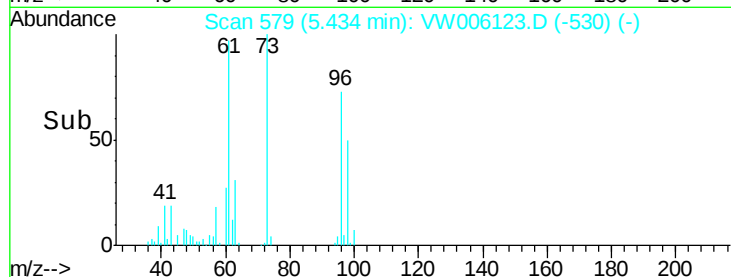
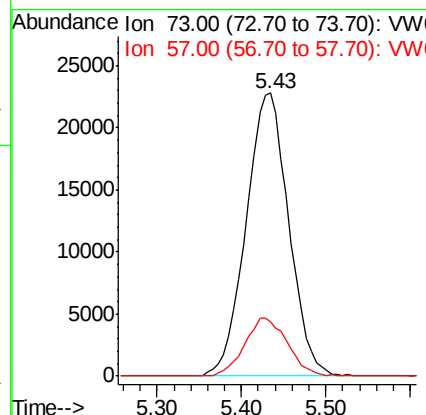
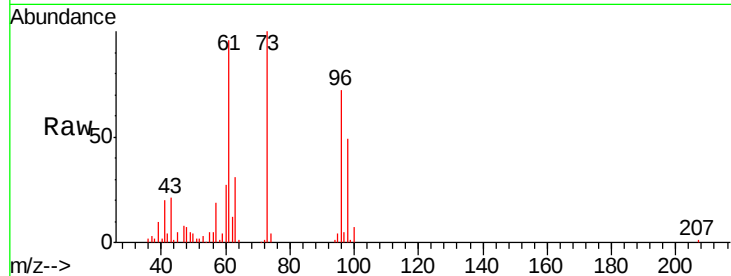




#19
Methyl tert-butyl Ether
Concen: 20.95 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

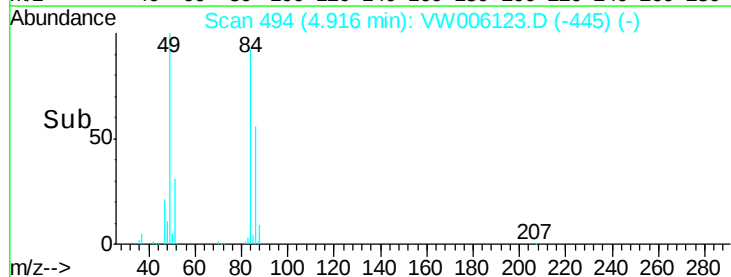
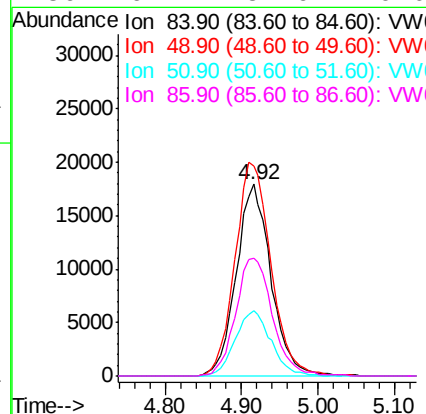
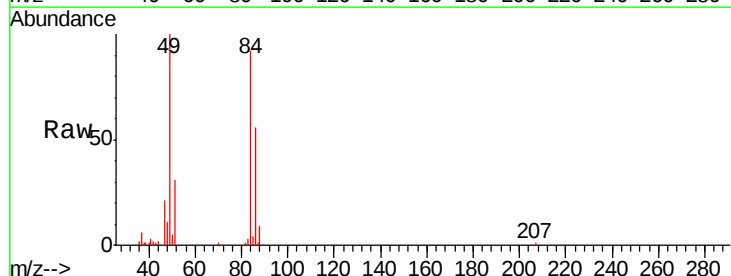
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

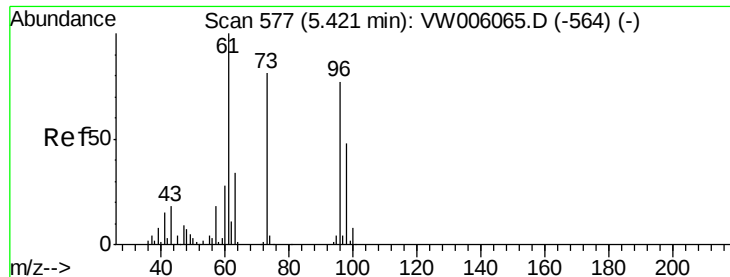
Tgt Ion: 73 Resp: 78393
Ion Ratio Lower Upper
73 100
57 19.2 17.4 26.2



#20
Methylene Chloride
Concen: 20.92 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 84 Resp: 56412
Ion Ratio Lower Upper
84 100
49 109.2 93.6 140.4
51 34.2 29.0 43.4
86 61.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 20.22 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

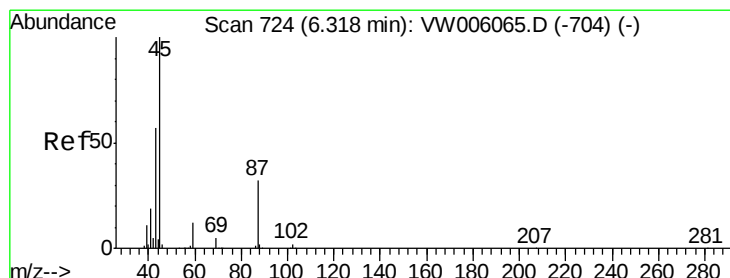
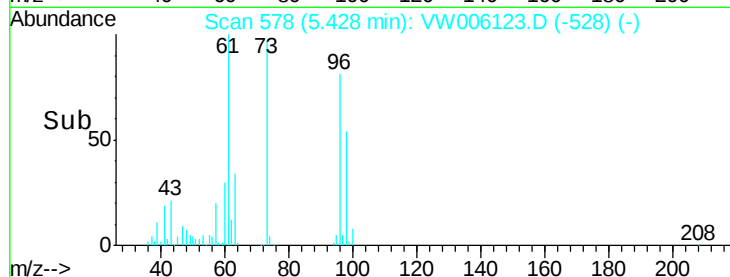
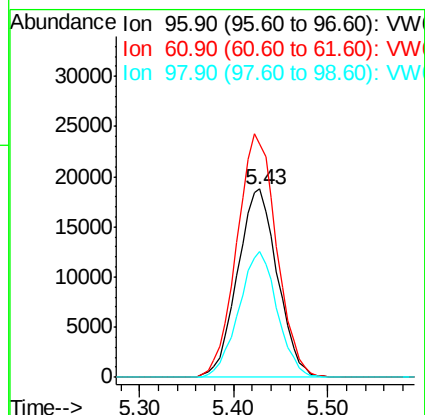
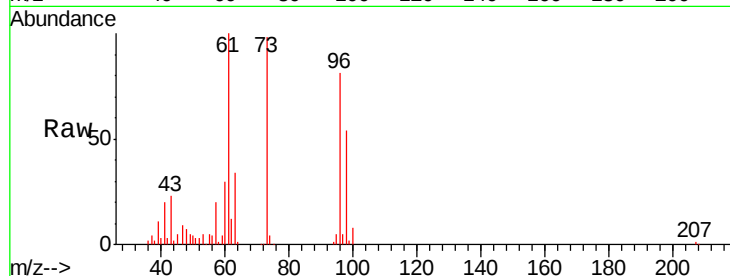
Tgt Ion: 96 Resp: 55446

Ion Ratio Lower Upper

96 100

61 123.8 104.5 156.7

98 66.5 50.6 75.8



#22

Diisopropyl ether

Concen: 20.55 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion: 45 Resp: 142665

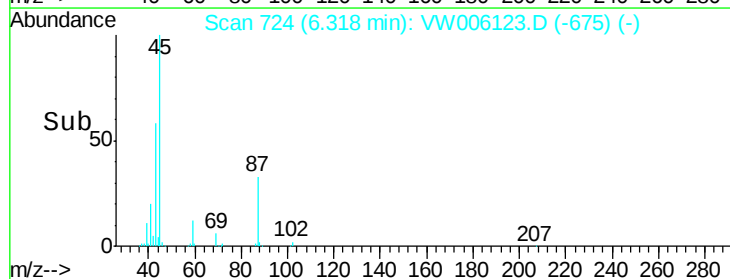
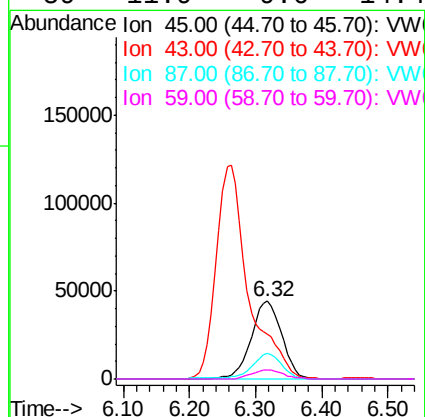
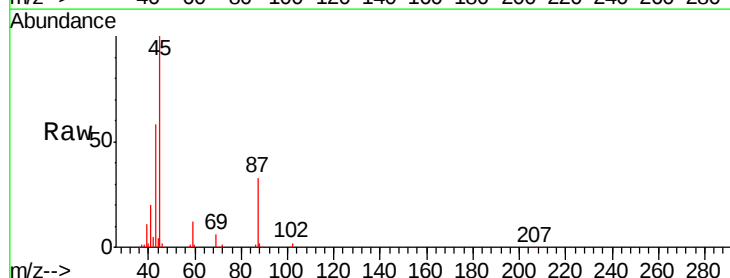
Ion Ratio Lower Upper

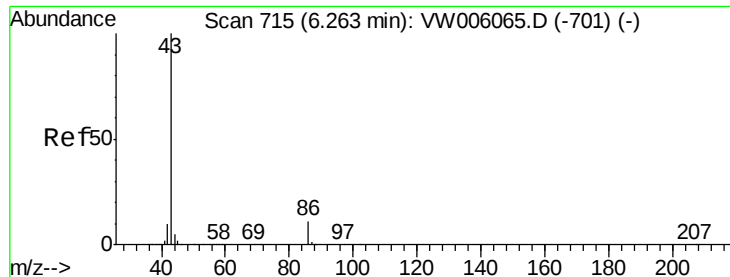
45 100

43 56.9 45.7 68.5

87 33.1 25.9 38.9

59 11.9 9.6 14.4





#23

Vinyl Acetate

Concen: 100.65 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

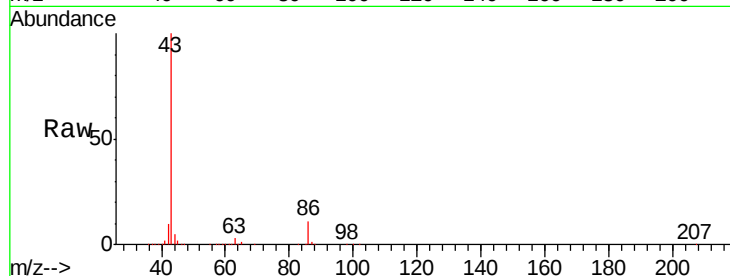
VW1017SBSD01

Tgt Ion: 43 Resp: 412331

Ion Ratio Lower Upper

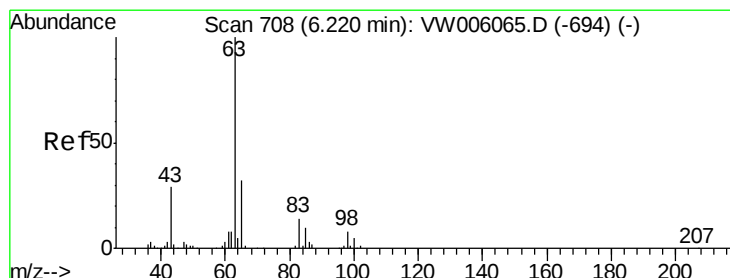
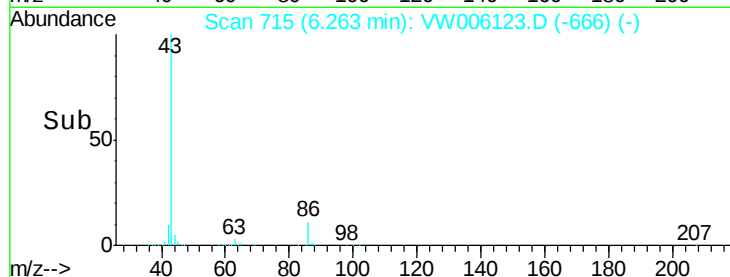
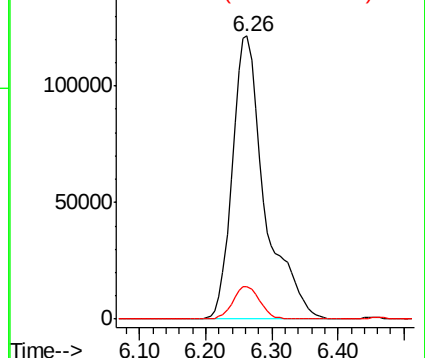
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.36 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

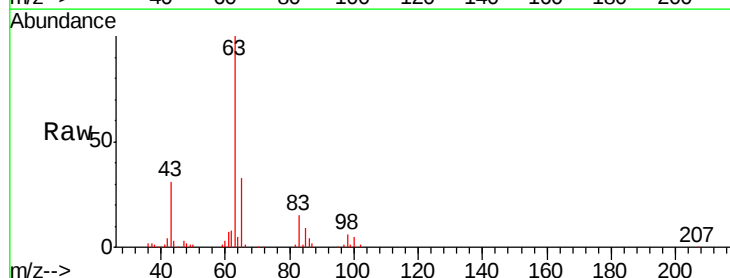
Tgt Ion: 63 Resp: 91206

Ion Ratio Lower Upper

63 100

98 6.4 3.8 11.2

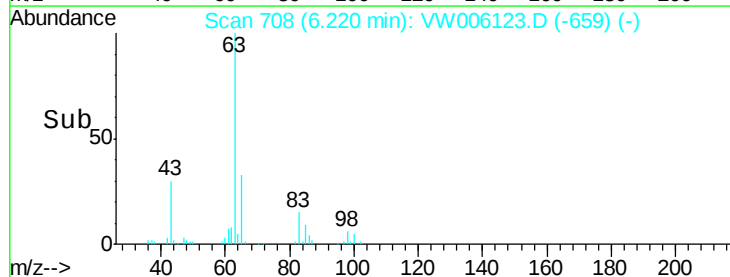
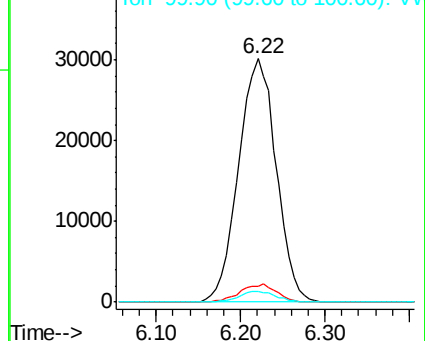
100 4.5 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 115.07 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

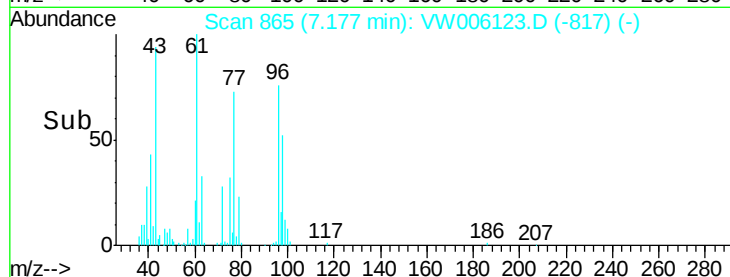
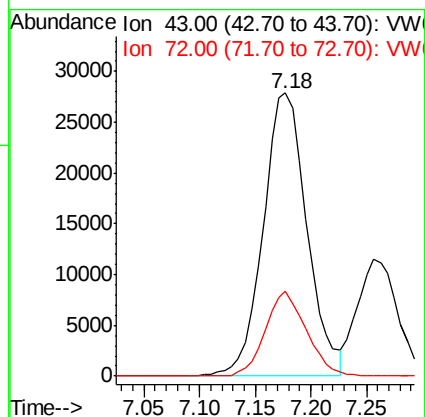
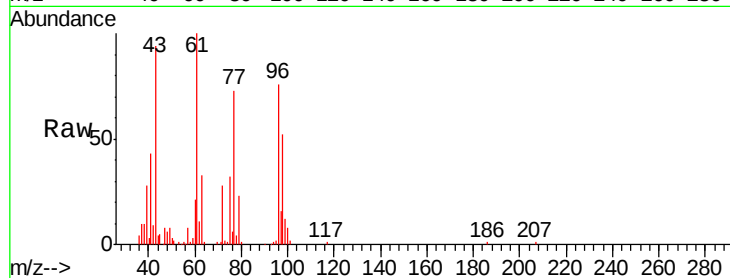
VW1017SBSD01

Tgt Ion: 43 Resp: 75780

Ion Ratio Lower Upper

43 100

72 30.1 22.8 34.2



#26

2,2-Dichloropropane

Concen: 21.49 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006123.D

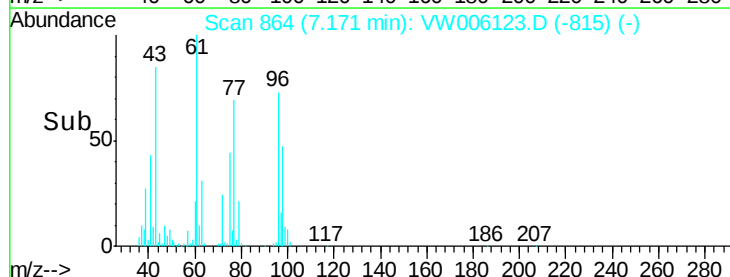
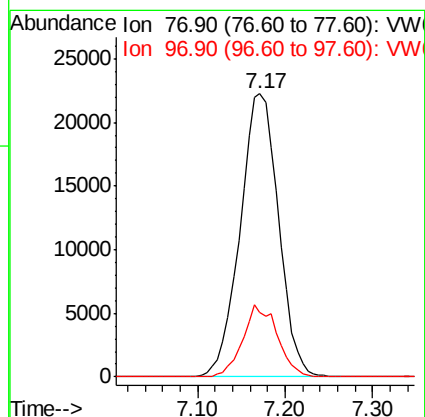
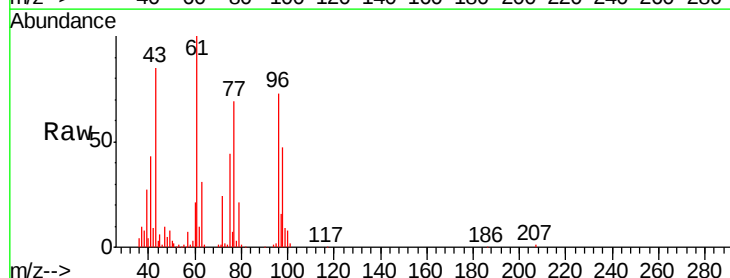
Acq: 17 Oct 2018 13:53

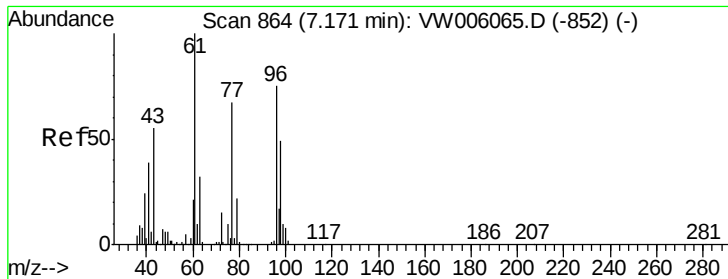
Tgt Ion: 77 Resp: 67878

Ion Ratio Lower Upper

77 100

97 22.9 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 20.44 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

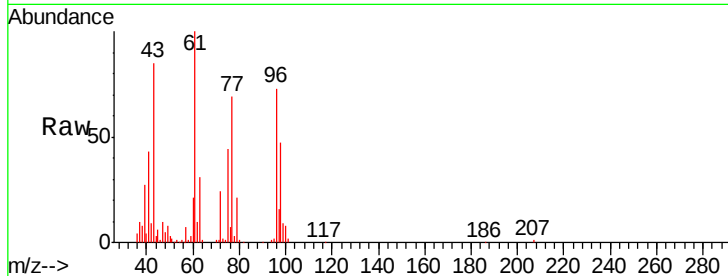
Tgt Ion: 96 Resp: 61867

Ion Ratio Lower Upper

96 100

61 137.6 0.0 267.2

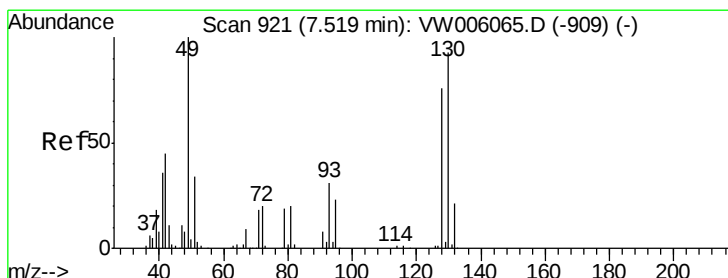
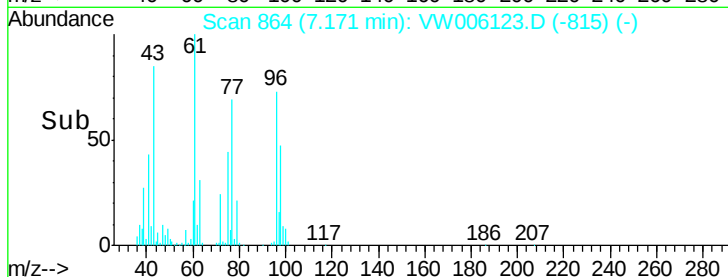
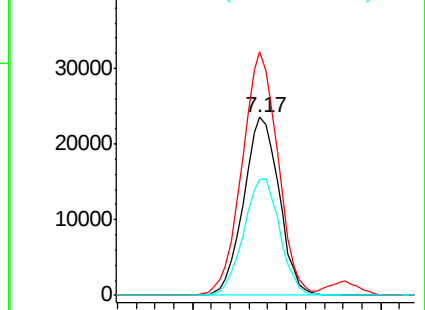
98 66.4 0.0 128.6



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: 17.62 ug/l

RT: 7.52 min Scan# 921

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

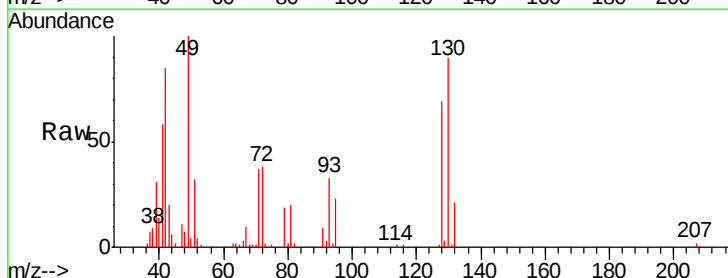
Tgt Ion: 49 Resp: 30464

Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.0

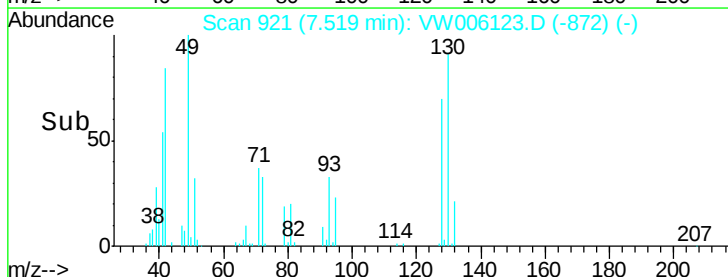
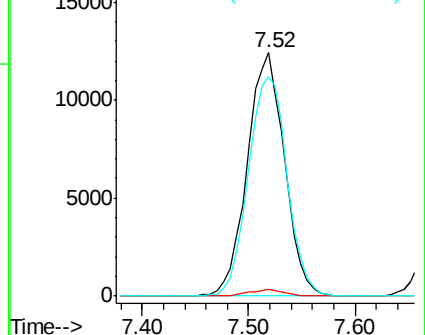
130 94.0 73.8 110.8

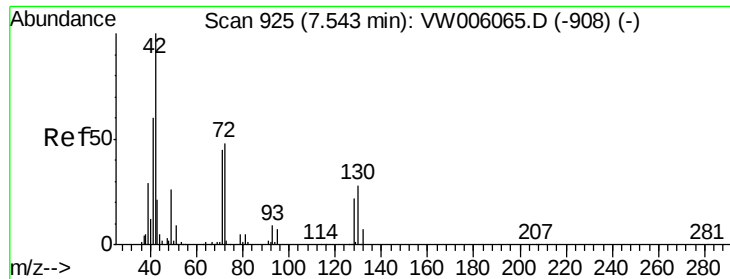


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.22 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

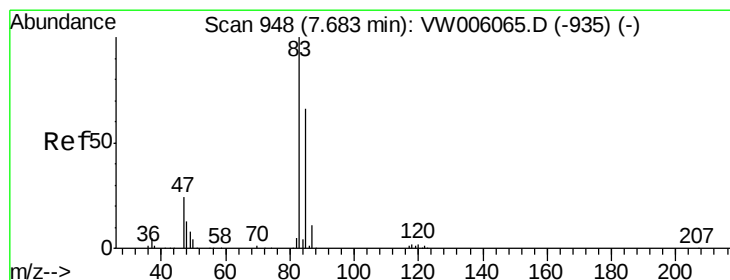
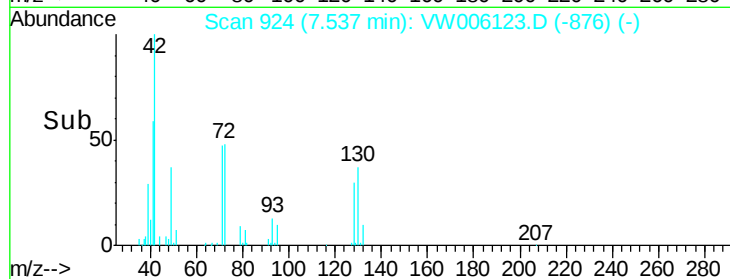
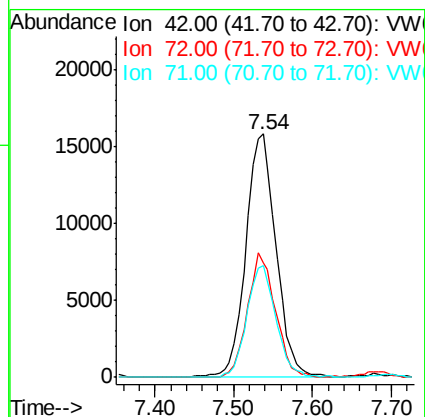
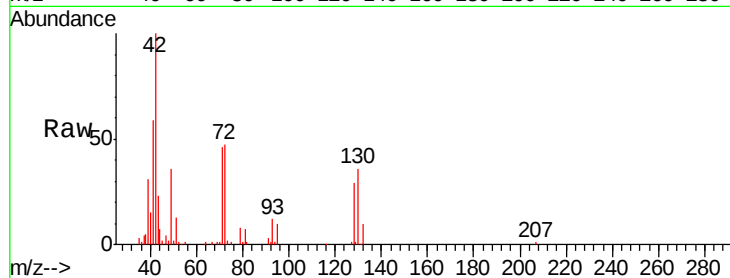
Tgt Ion: 42 Resp: 42188

Ion Ratio Lower Upper

42 100

72 47.2 38.0 57.0

71 43.9 35.3 52.9



#30

Chloroform

Concen: 20.14 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006123.D

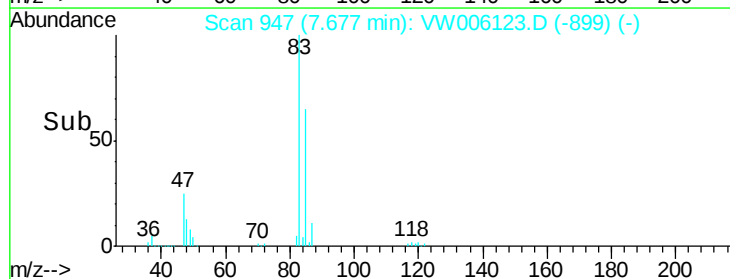
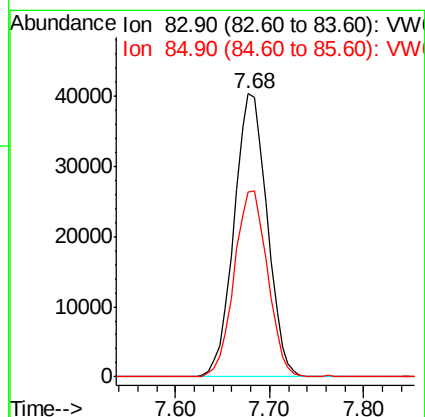
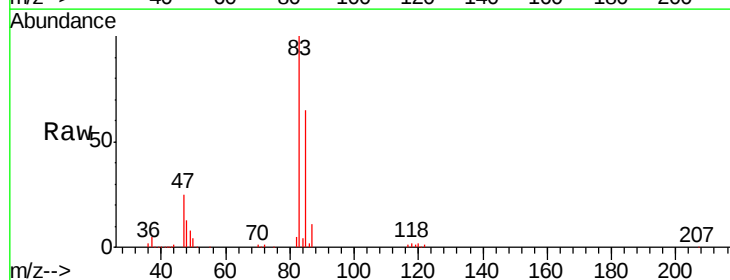
Acq: 17 Oct 2018 13:53

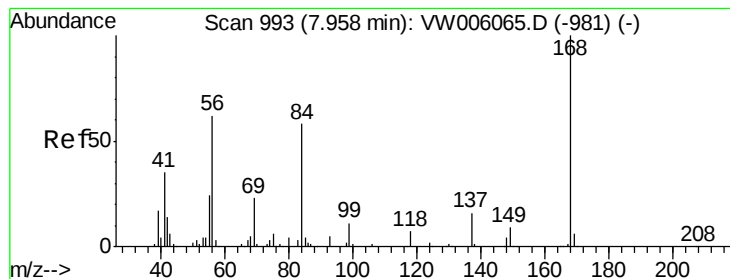
Tgt Ion: 83 Resp: 98300

Ion Ratio Lower Upper

83 100

85 65.2 52.6 79.0





#31

Cyclohexane

Concen: 20.25 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

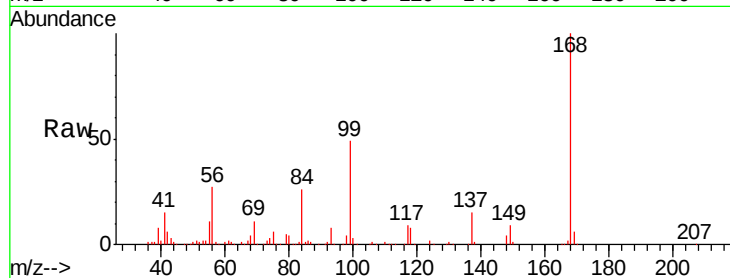
Tgt Ion: 56 Resp: 90328

Ion Ratio Lower Upper

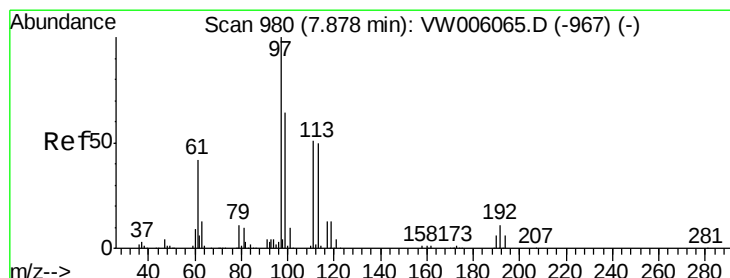
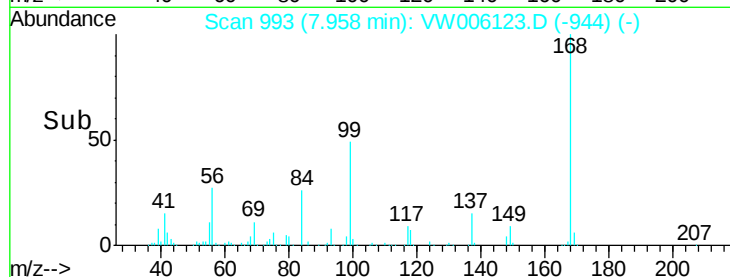
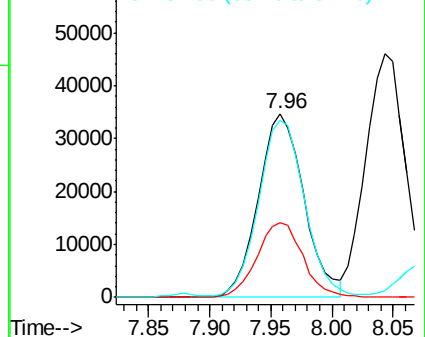
56 100

69 40.7 29.4 44.0

84 95.0 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 20.71 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

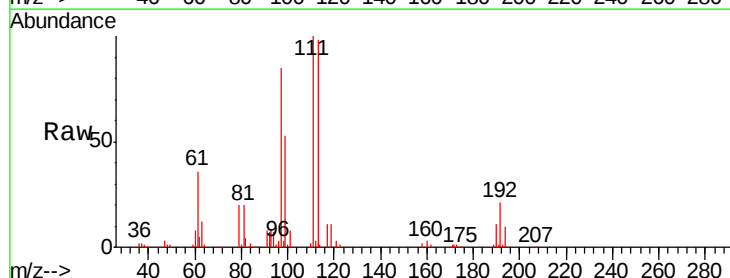
Tgt Ion: 97 Resp: 91190

Ion Ratio Lower Upper

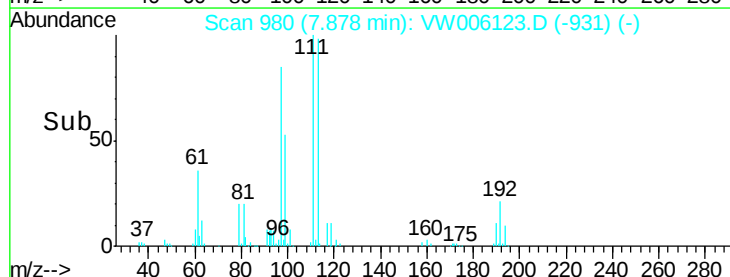
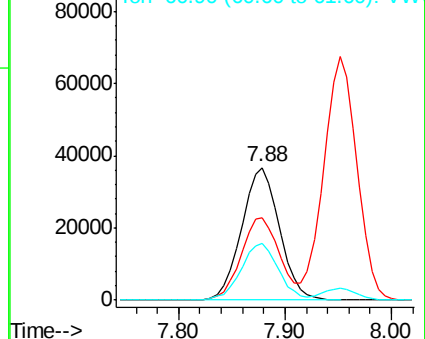
97 100

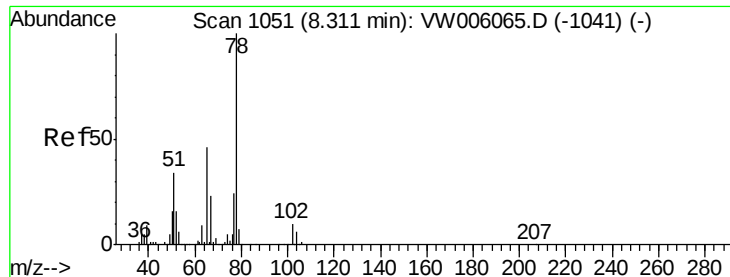
99 62.6 50.9 76.3

61 42.4 33.7 50.5



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





#33

1,2-Dichloroethane-d4

Concen: 49.17 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

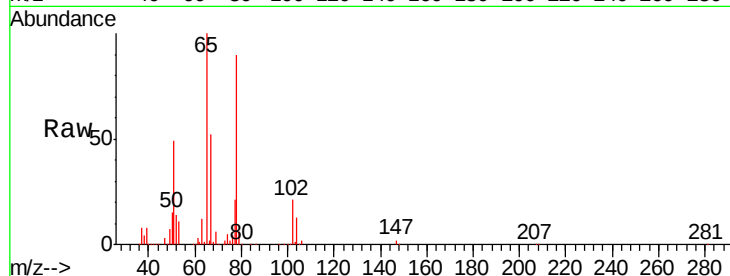
VW1017SBSD01

Tgt Ion: 65 Resp: 119857

Ion Ratio Lower Upper

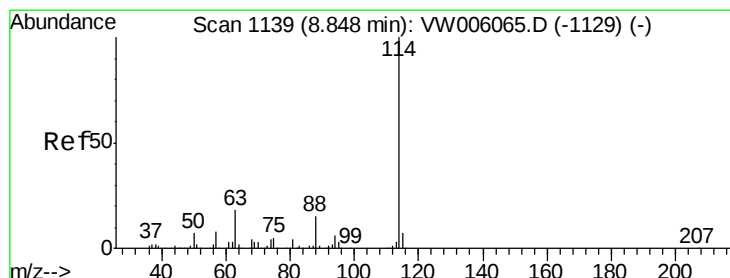
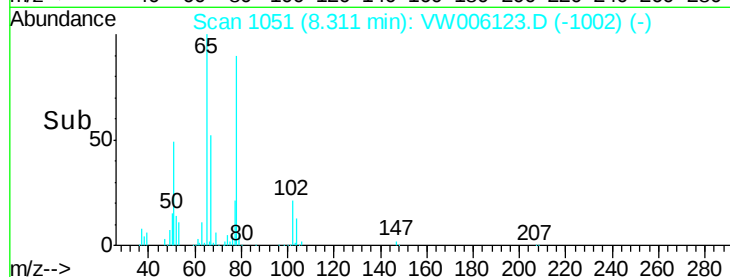
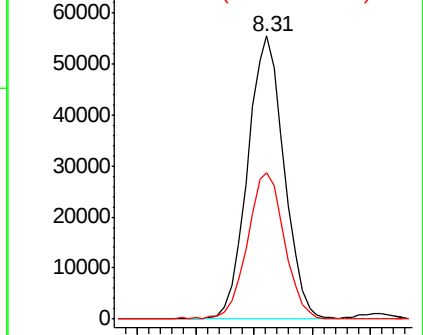
65 100

67 52.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

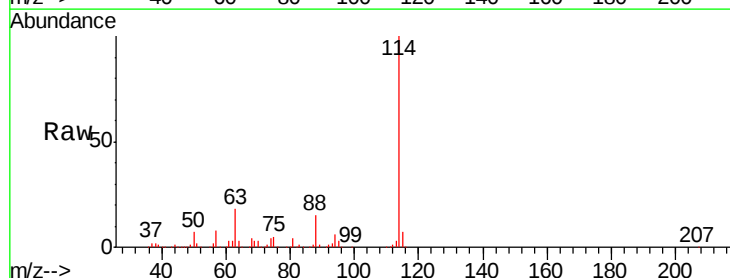
Tgt Ion: 114 Resp: 412384

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

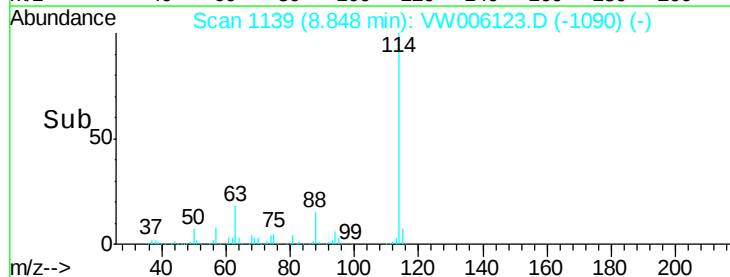
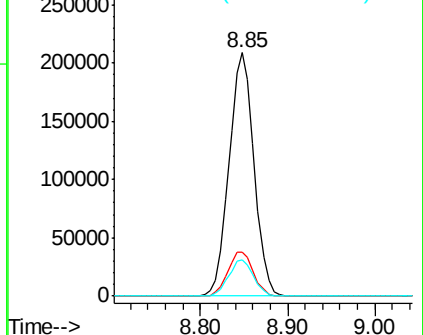
88 14.8 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 50.36 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampled :
VW1017SBSD01

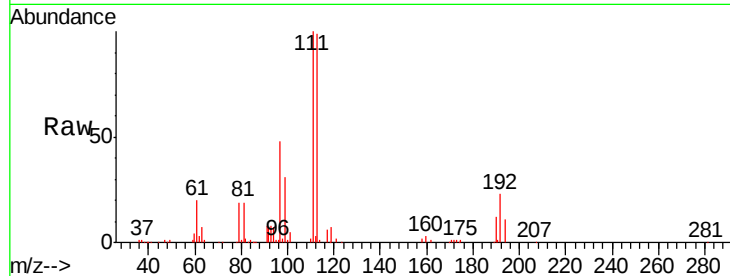
Tgt Ion:113 Resp: 122716

Ion Ratio Lower Upper

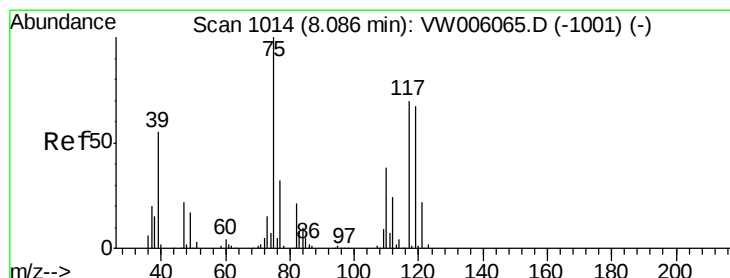
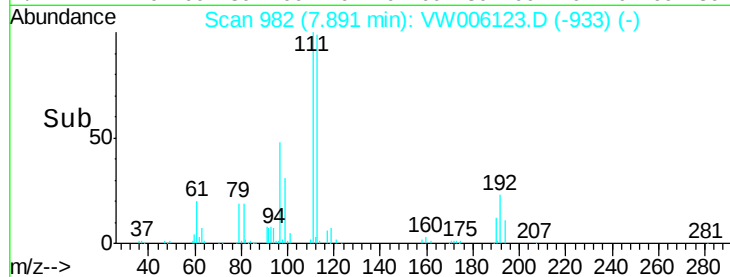
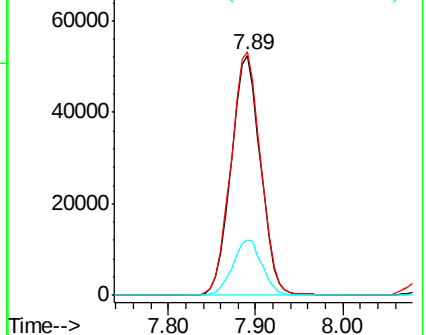
113 100

111 102.5 81.4 122.0

192 22.9 18.7 28.1



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



#36

1,1-Dichloropropene

Concen: 21.28 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

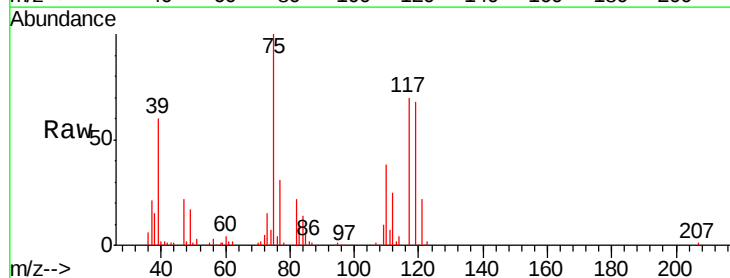
Tgt Ion: 75 Resp: 80884

Ion Ratio Lower Upper

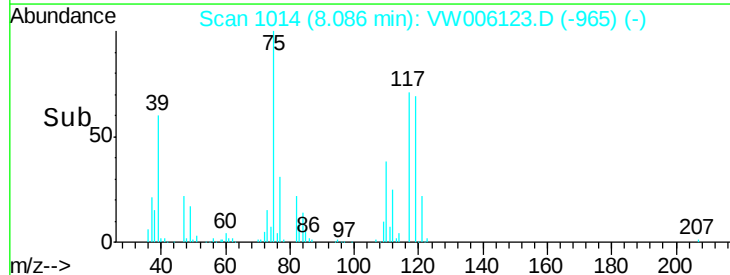
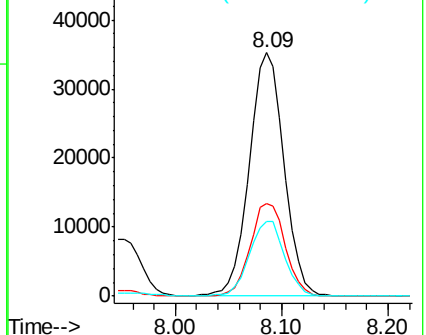
75 100

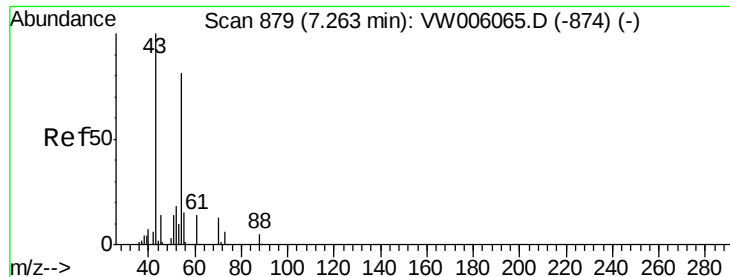
110 38.3 19.1 57.1

77 31.2 25.0 37.4



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

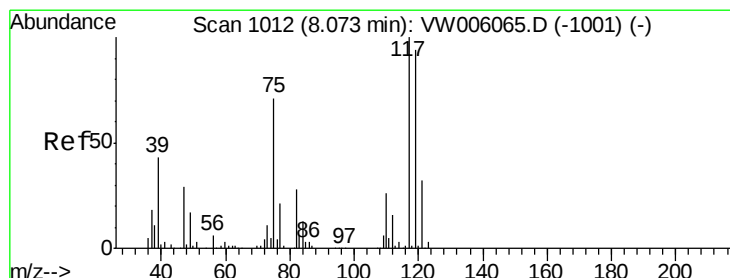
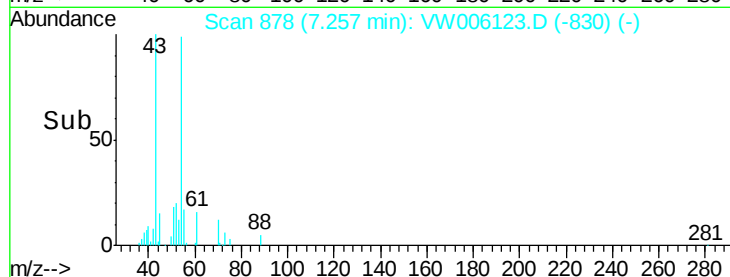
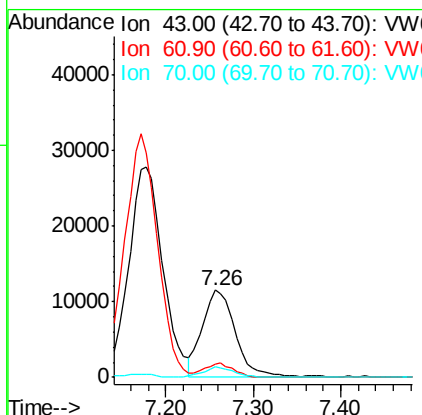
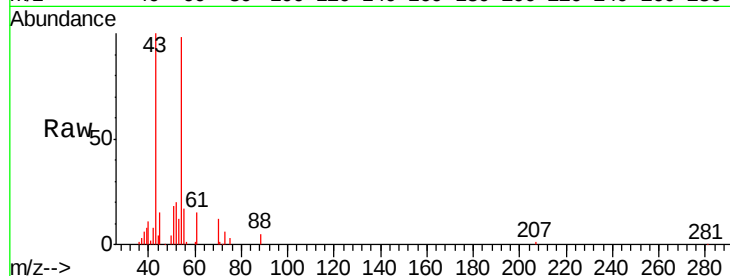




#37
Ethyl Acetate
Concen: 20.94 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

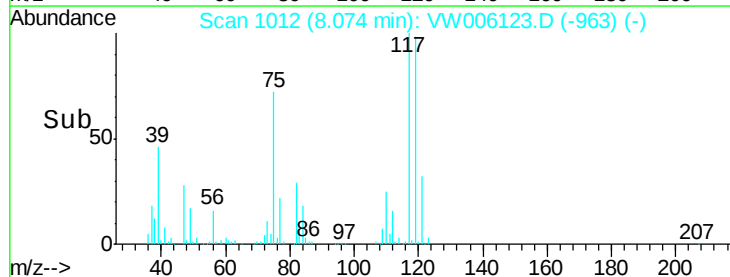
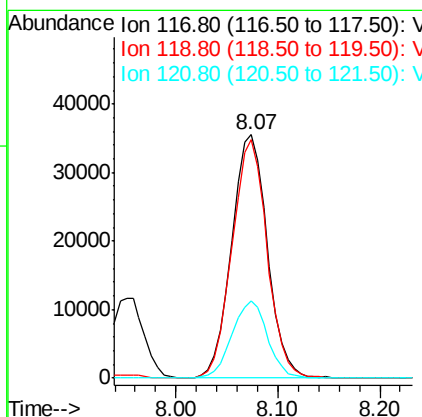
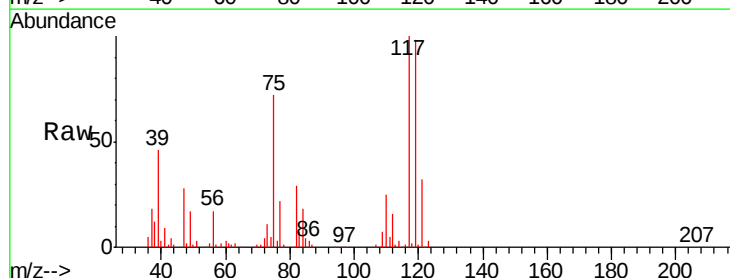
Instrument :
MSVOA_W
ClientSampled :
VW1017SBSD01

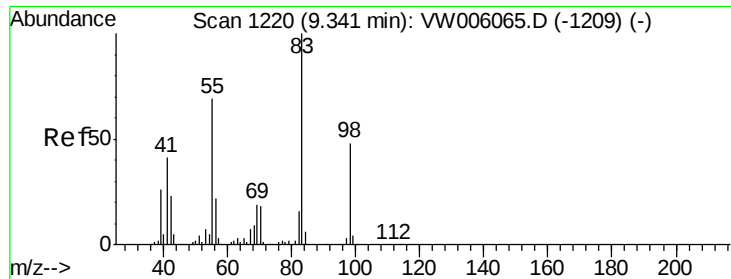
Tgt Ion: 43 Resp: 29576
Ion Ratio Lower Upper
43 100
61 15.2 11.5 17.3
70 11.5 9.2 13.8



#38
Carbon Tetrachloride
Concen: 20.68 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 117 Resp: 86165
Ion Ratio Lower Upper
117 100
119 98.0 75.2 112.8
121 31.6 25.3 37.9

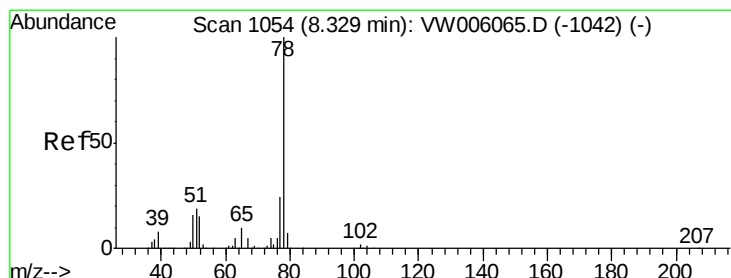
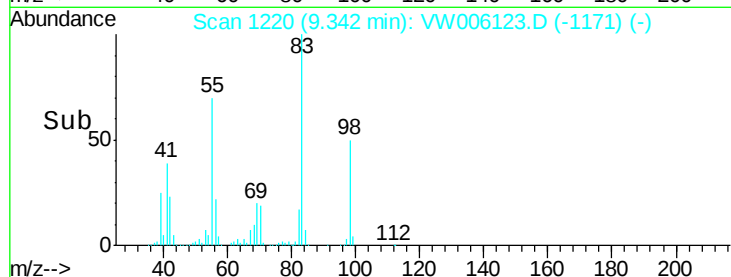
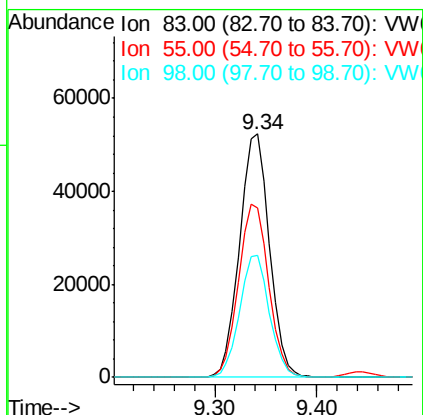
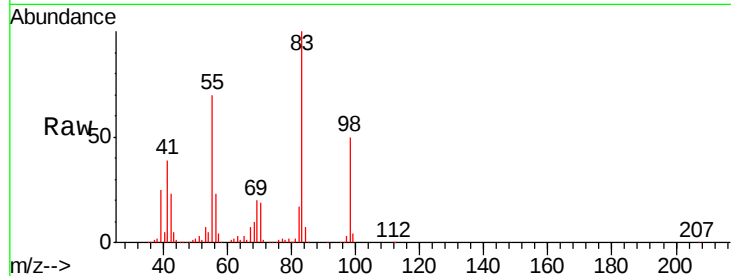




#39
Methylcyclohexane
Concen: 21.13 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

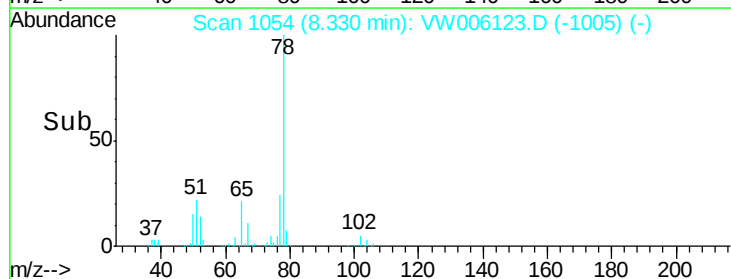
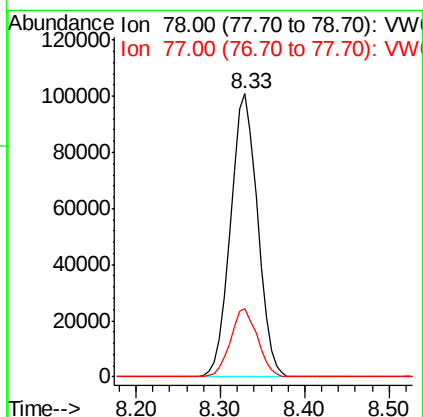
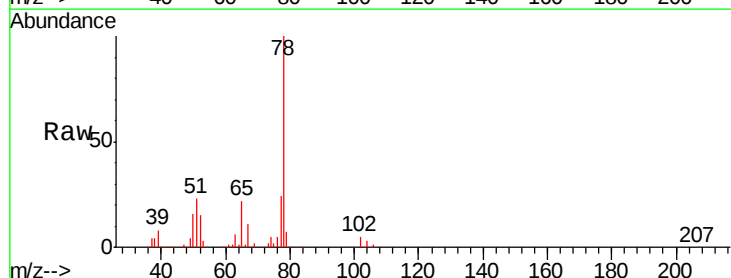
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

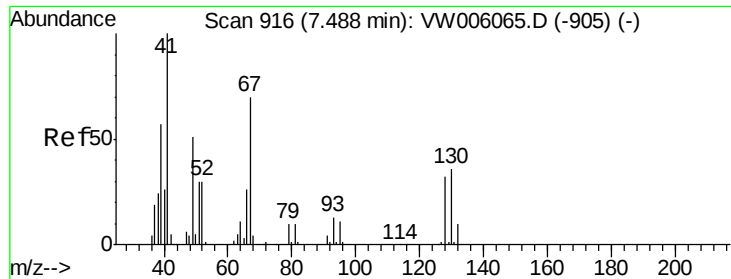
Tgt Ion: 83 Resp: 106763
Ion Ratio Lower Upper
83 100
55 69.5 55.0 82.6
98 50.2 38.6 57.8



#40
Benzene
Concen: 20.96 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 78 Resp: 218538
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0

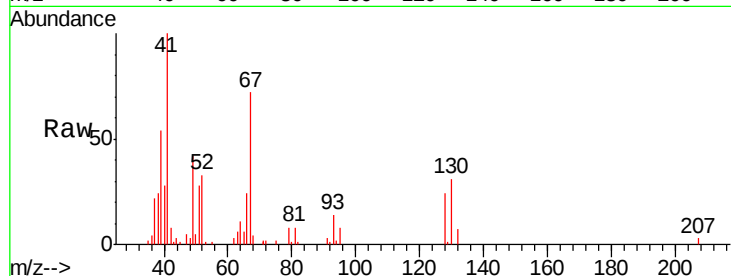




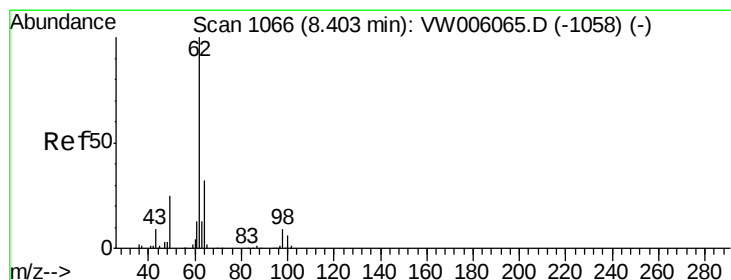
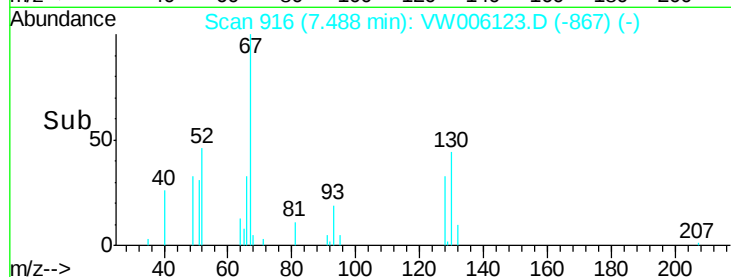
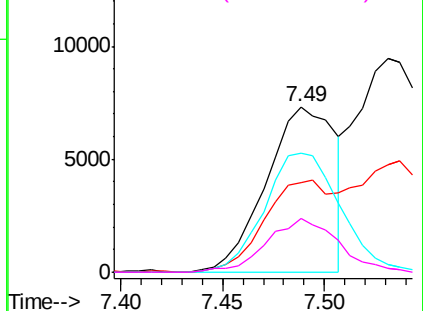
#41
Methacrylonitrile
Concen: 20.33 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tgt Ion:	41	Resp:	17310
Ion	Ratio	Lower	Upper
41	100		
39	56.7	46.2	69.4
67	79.1	57.7	86.5
52	33.5	24.7	37.1

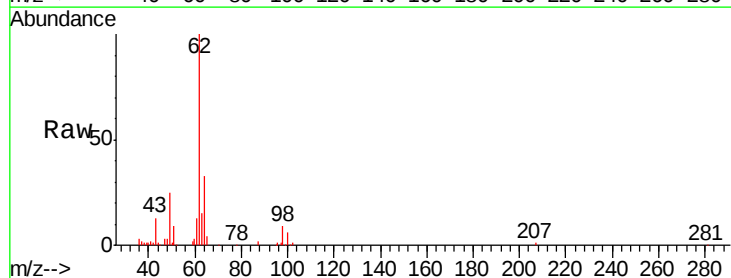


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

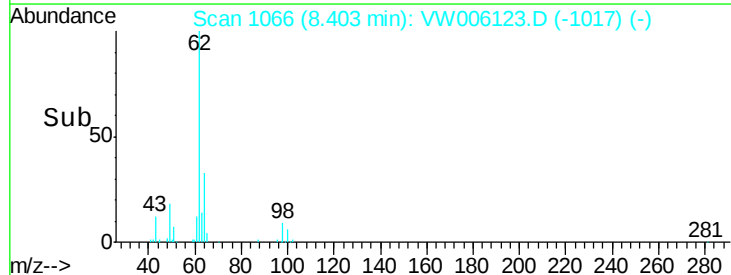
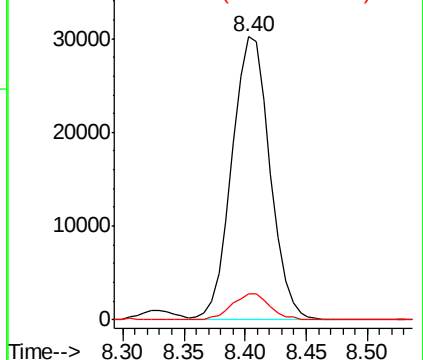


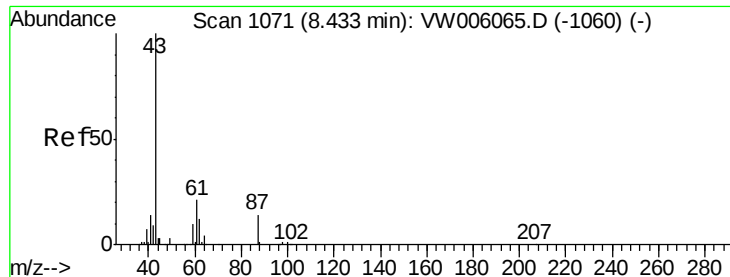
#42
1,2-Dichloroethane
Concen: 21.26 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:	62	Resp:	65126
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4



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





#43

Isopropyl Acetate

Concen: 20.46 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

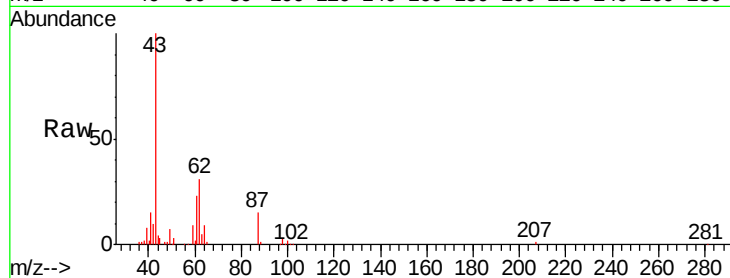
Tgt Ion: 43 Resp: 59071

Ion Ratio Lower Upper

43 100

61 31.1 25.5 38.3

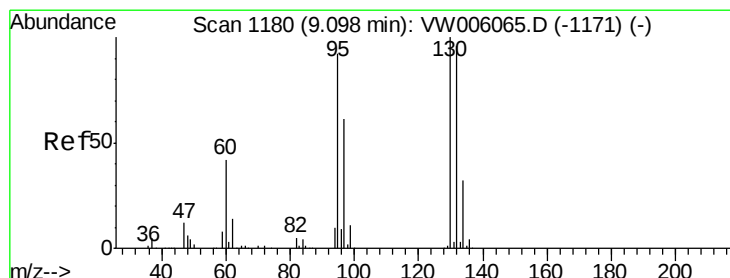
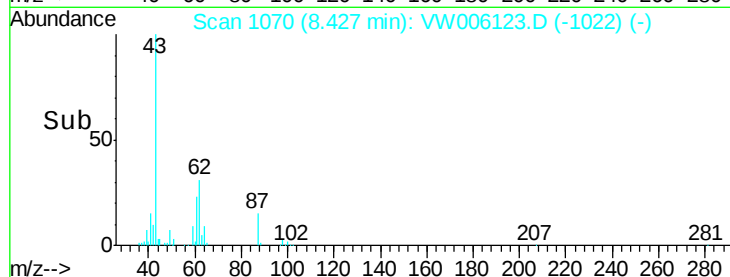
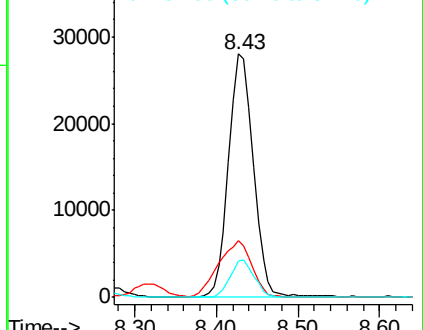
87 14.7 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.39 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006123.D

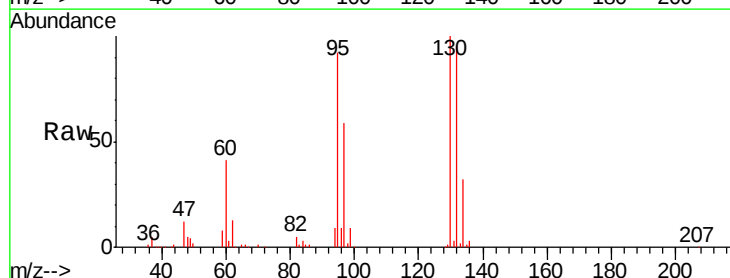
Acq: 17 Oct 2018 13:53

Tgt Ion: 130 Resp: 68410

Ion Ratio Lower Upper

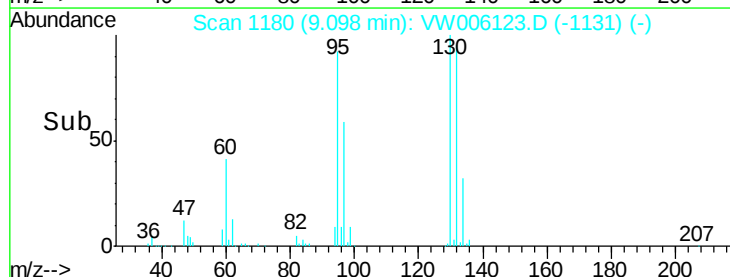
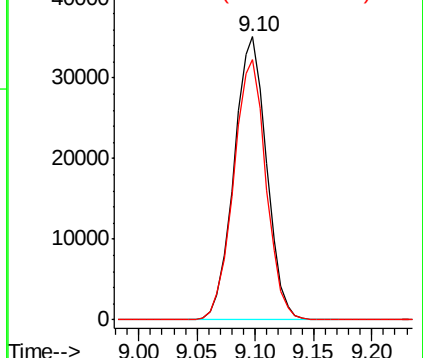
130 100

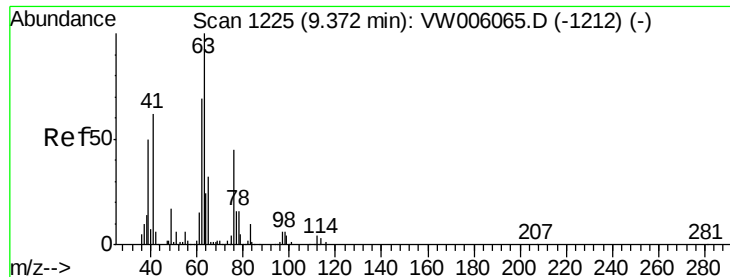
95 92.1 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

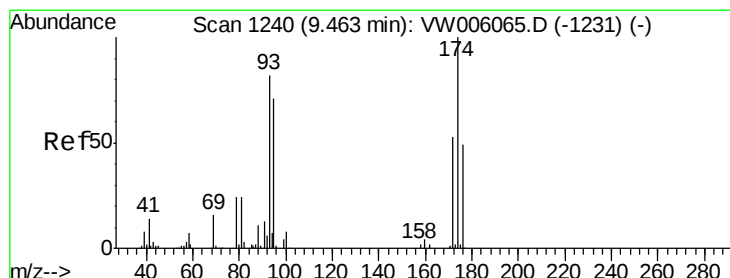
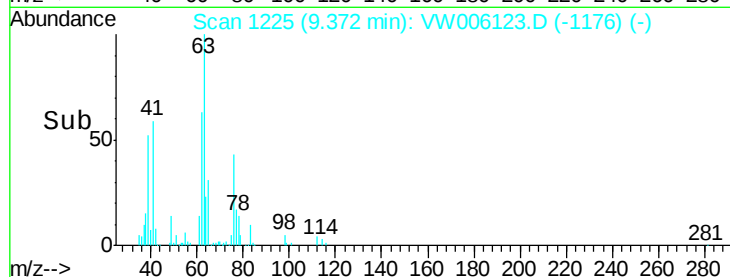
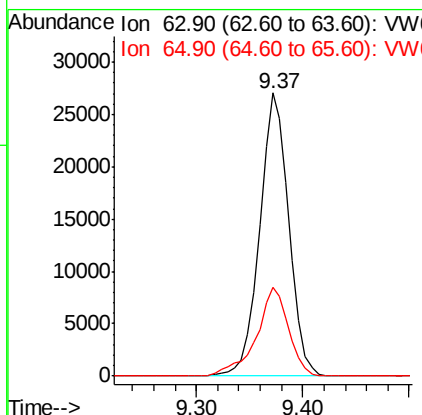
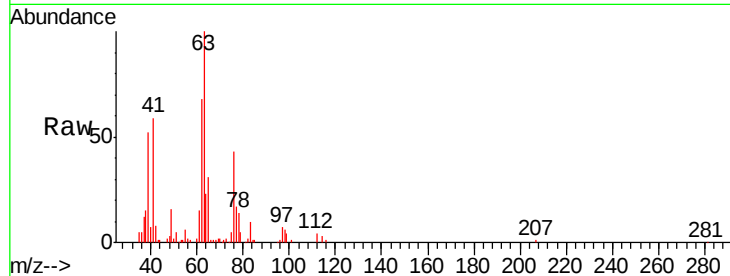




#45
 1,2-Dichloropropane
 Concen: 20.73 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

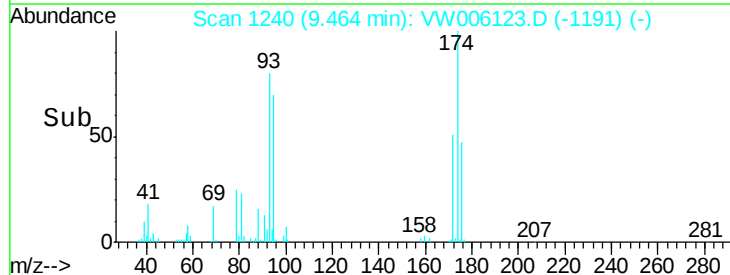
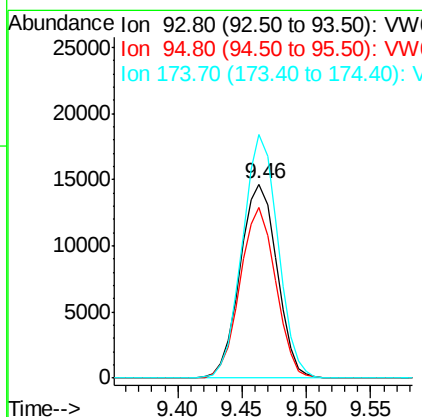
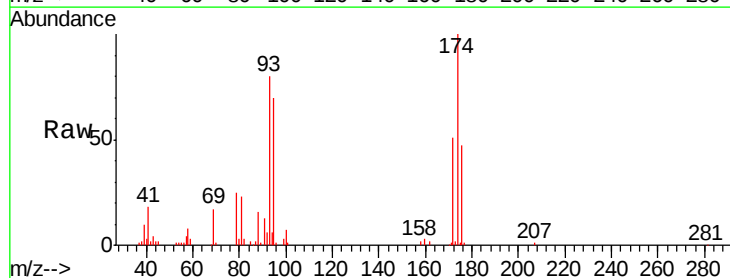
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS01

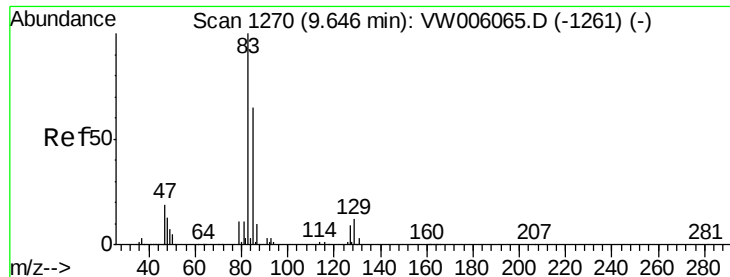
Tgt Ion: 63 Resp: 51710
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 20.50 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion: 93 Resp: 29153
 Ion Ratio Lower Upper
 93 100
 95 84.8 67.7 101.5
 174 120.7 93.7 140.5





#47

Bromodichloromethane

Concen: 19.94 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

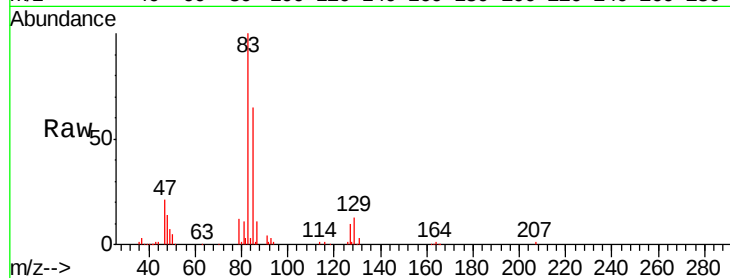
Tgt Ion: 83 Resp: 68746

Ion Ratio Lower Upper

83 100

85 65.1 51.8 77.8

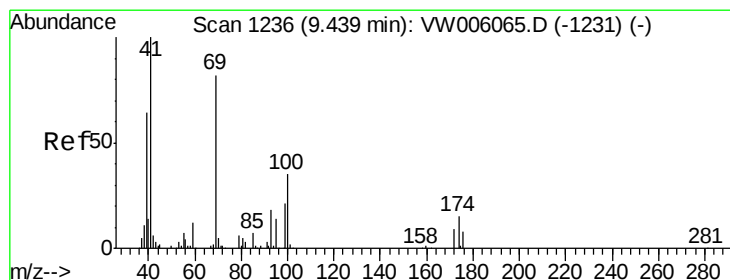
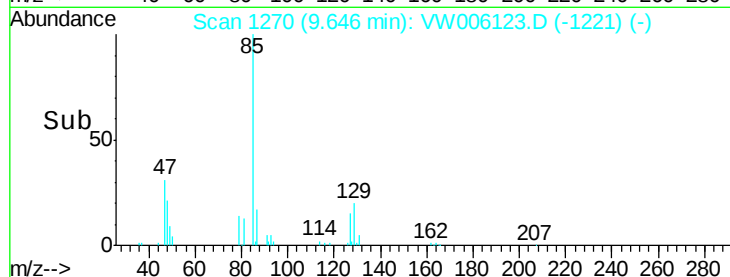
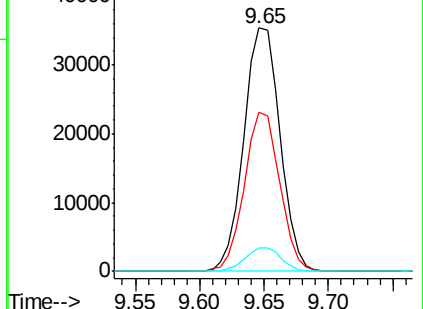
127 9.5 6.9 10.3



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: 20.71 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

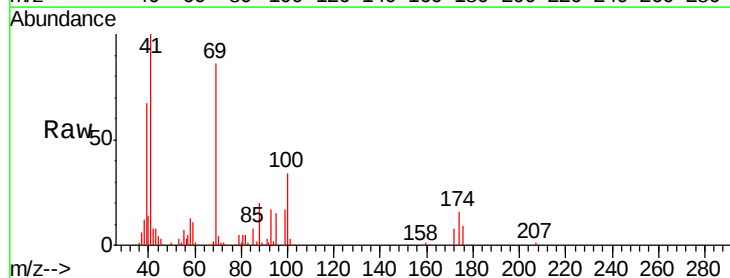
Tgt Ion: 41 Resp: 28344

Ion Ratio Lower Upper

41 100

69 90.8 71.8 107.8

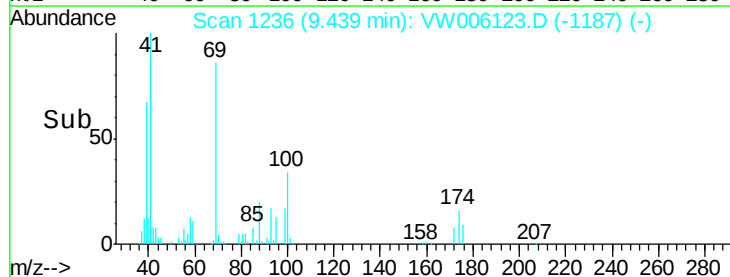
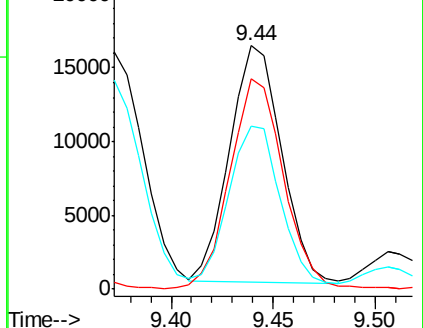
39 70.6 52.5 78.7

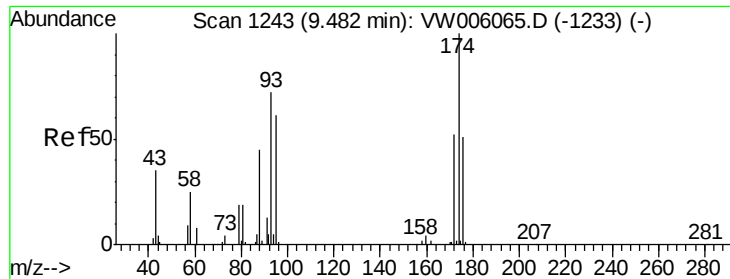


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 422.49 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.03 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBS01

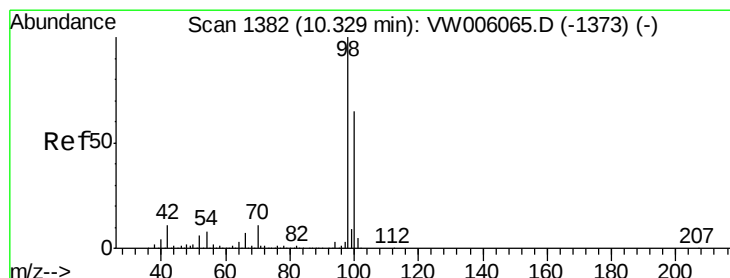
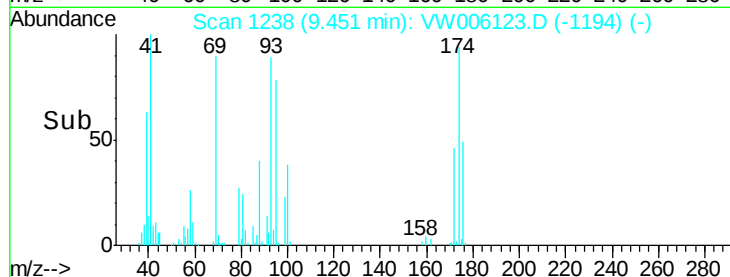
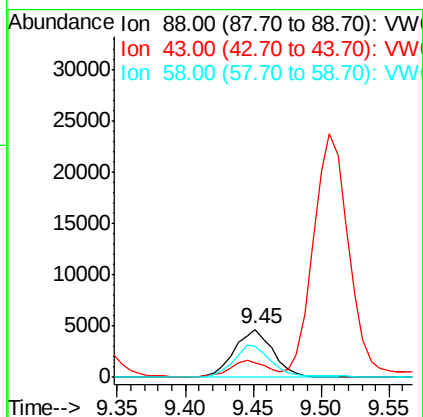
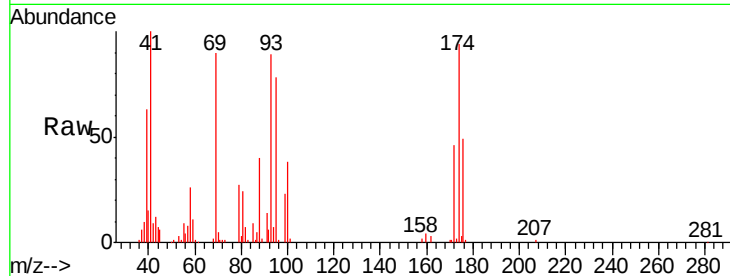
Tgt Ion: 88 Resp: 9249

Ion Ratio Lower Upper

88 100

43 34.5 0.0 0.0#

58 65.5 51.2 76.8



#50

Toluene-d8

Concen: 50.73 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006123.D

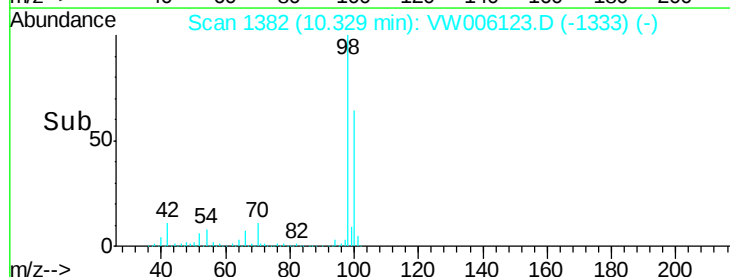
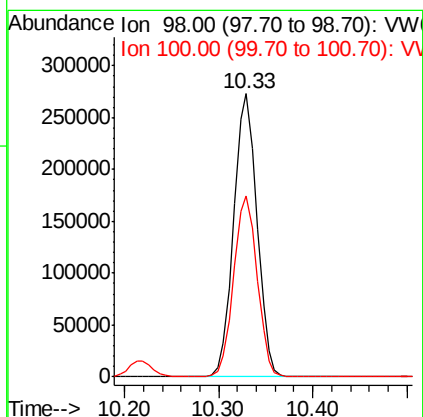
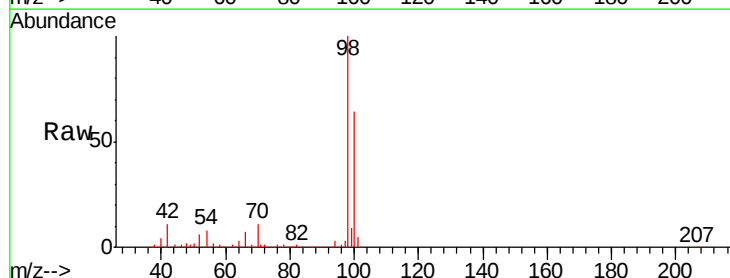
Acq: 17 Oct 2018 13:53

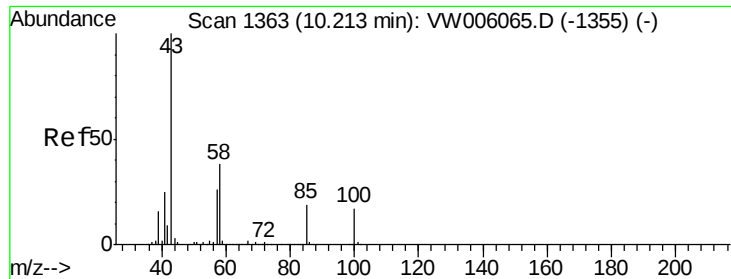
Tgt Ion: 98 Resp: 470302

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4

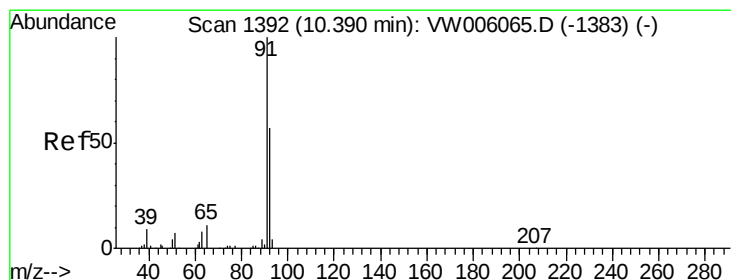
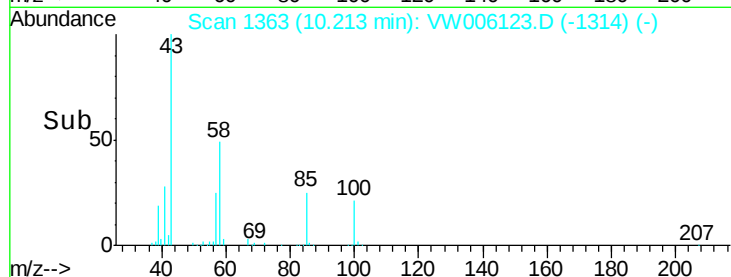
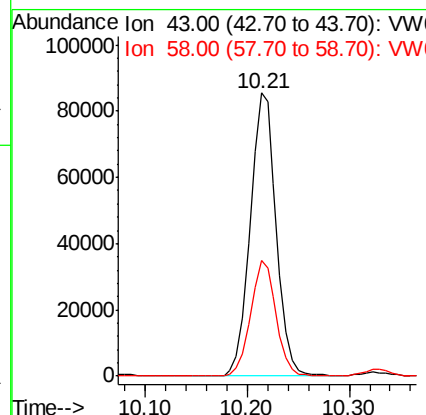
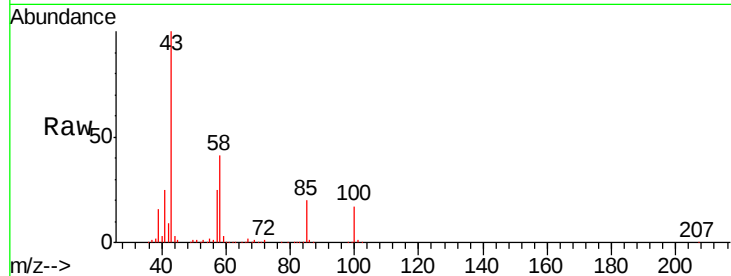




#51
 4-Methyl-2-Pentanone
 Concen: 104.12 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

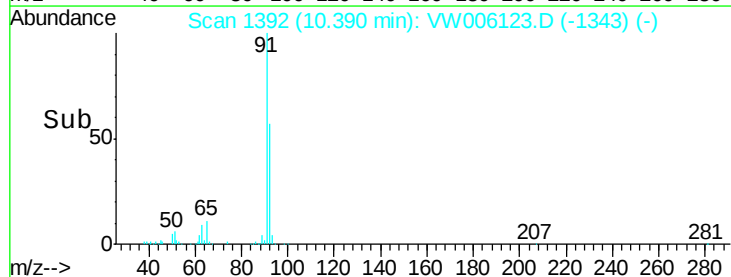
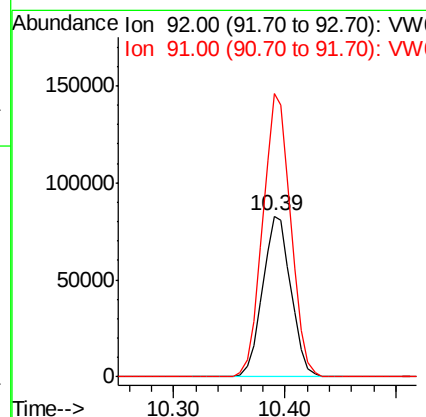
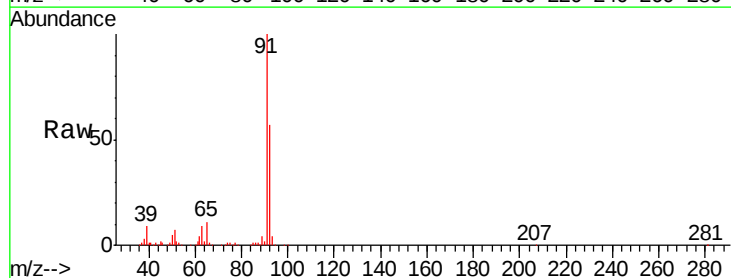
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

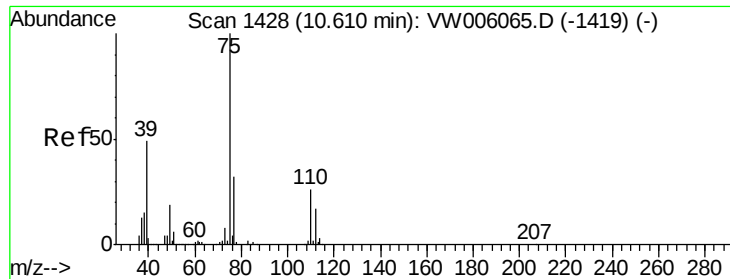
Tgt Ion: 43 Resp: 150632
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.5 47.3



#52
 Toluene
 Concen: 20.94 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion: 92 Resp: 146402
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 19.73 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

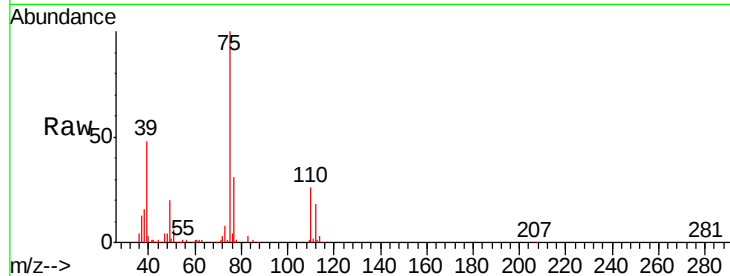
VW1017SBSD01

Tgt Ion: 75 Resp: 67765

Ion Ratio Lower Upper

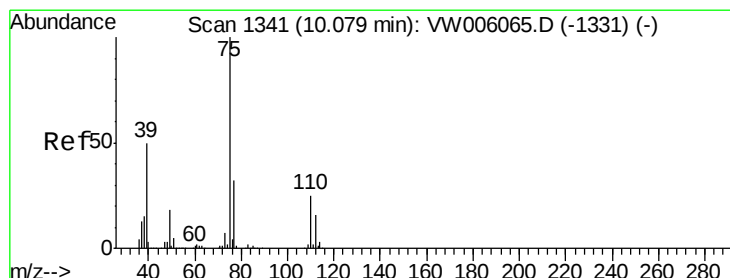
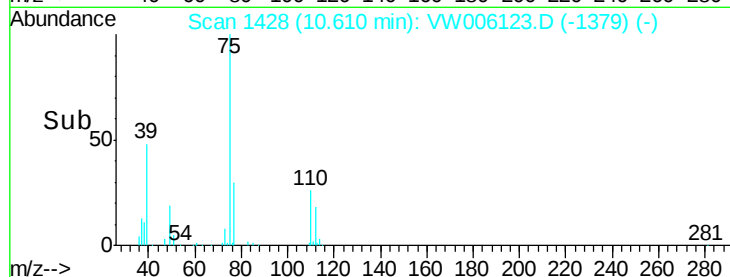
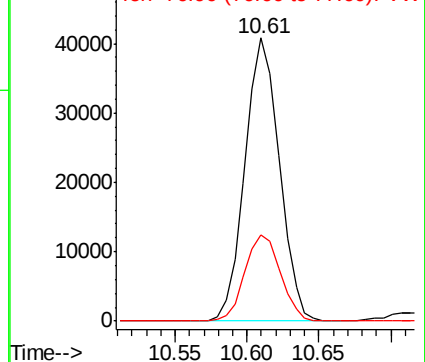
75 100

77 30.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 20.28 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

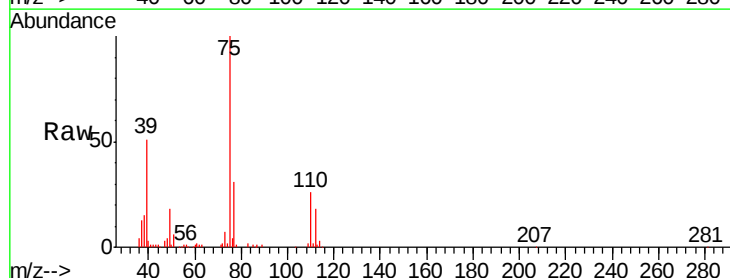
Tgt Ion: 75 Resp: 79946

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

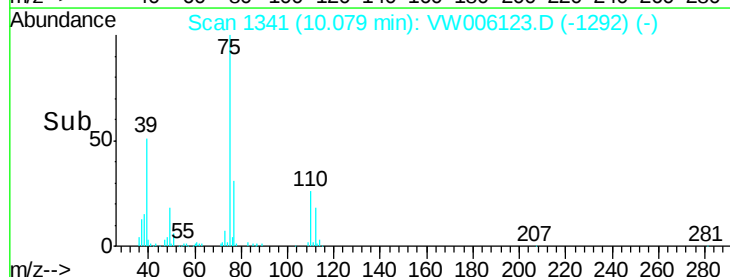
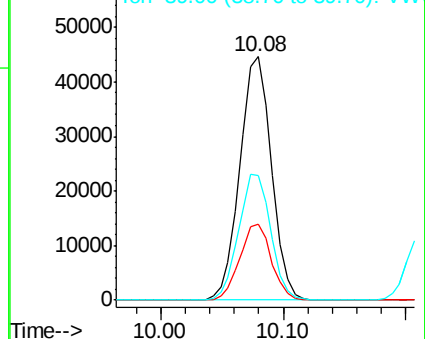
39 51.2 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

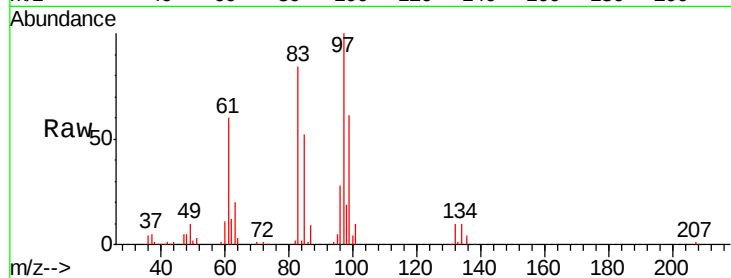




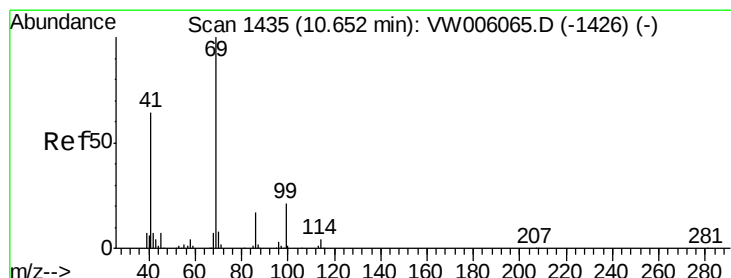
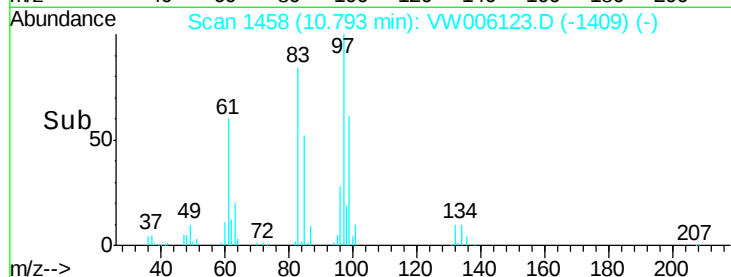
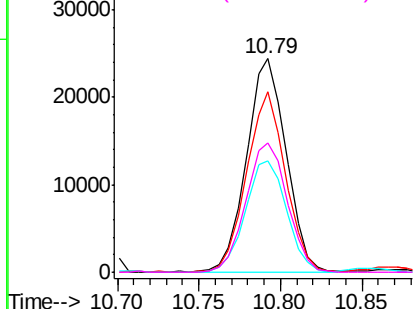
#55
 1,1,2-Trichloroethane
 Concen: 20.79 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Tgt Ion: 97 Resp: 41365
 Ion Ratio Lower Upper
 97 100
 83 84.2 67.2 100.8
 85 52.1 43.7 65.5
 99 60.6 48.5 72.7

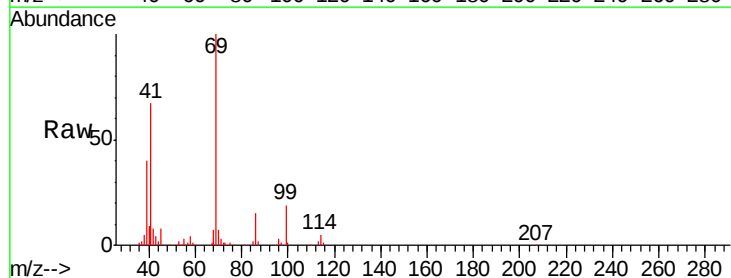


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

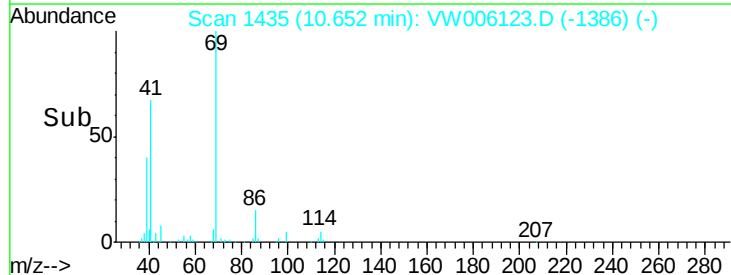
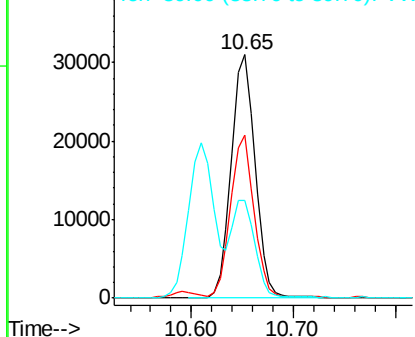


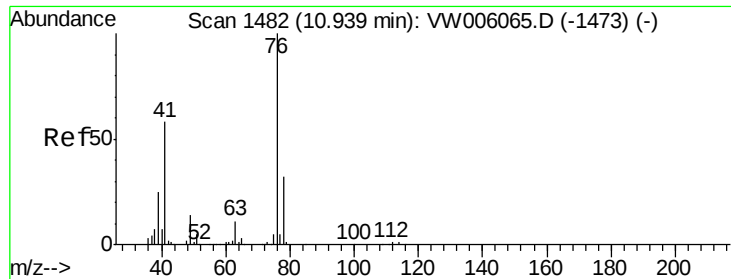
#56
 Ethyl methacrylate
 Concen: 20.66 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion: 69 Resp: 50400
 Ion Ratio Lower Upper
 69 100
 41 65.1 52.8 79.2
 39 37.4 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

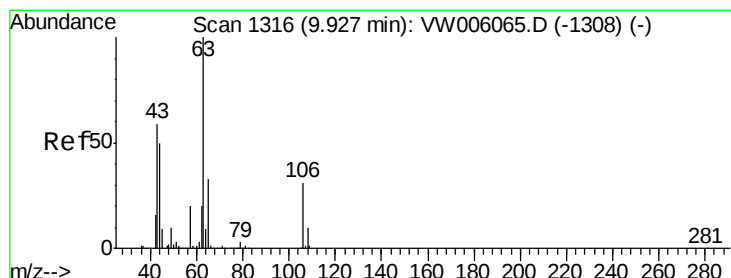
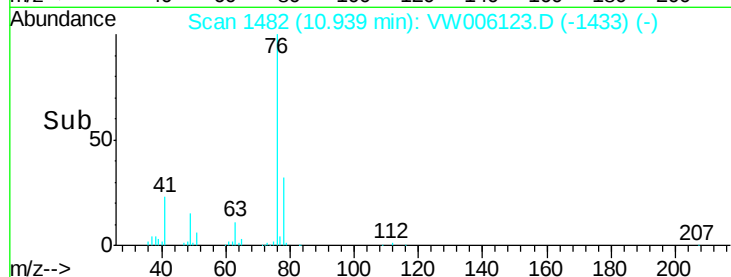
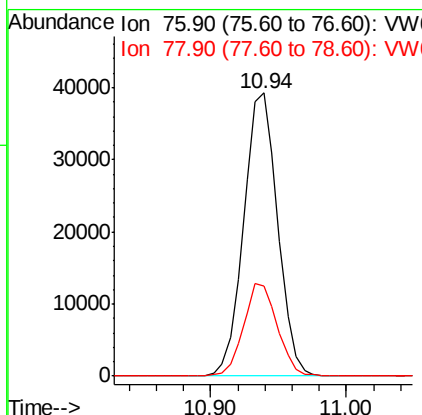
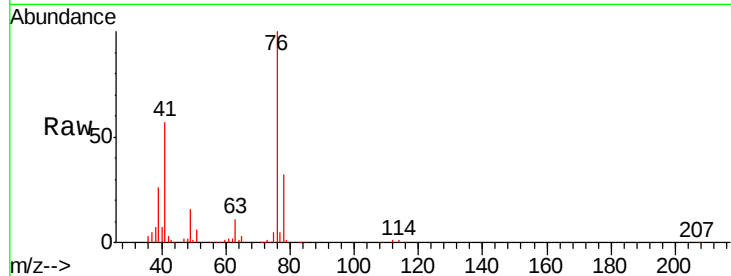




#57
 1,3-Dichloropropane
 Concen: 20.79 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

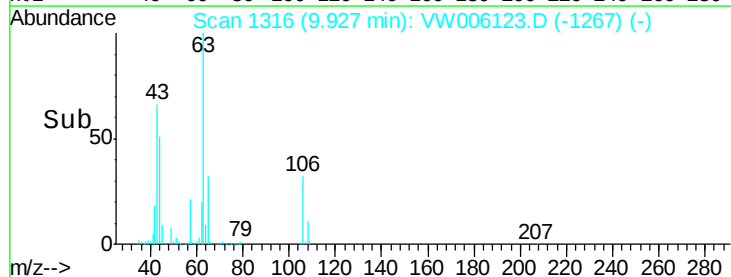
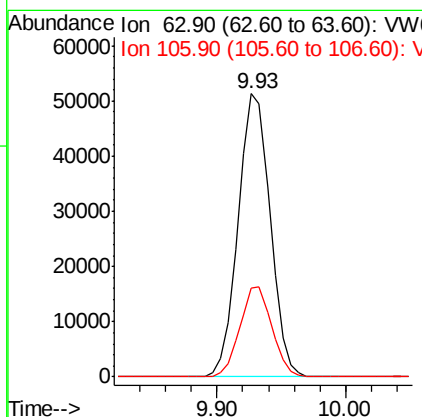
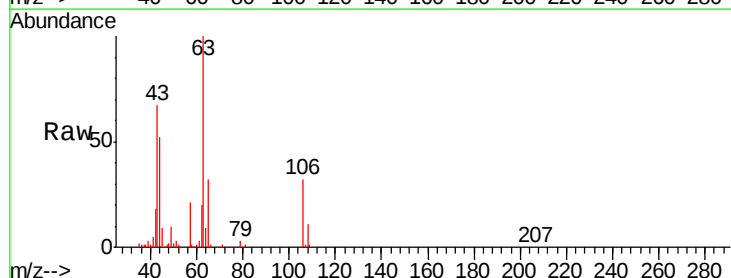
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

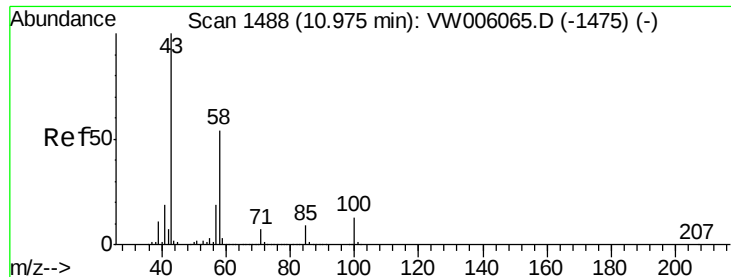
Tgt Ion: 76 Resp: 68497
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.70 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion: 63 Resp: 88280
 Ion Ratio Lower Upper
 63 100
 106 31.7 24.5 36.7

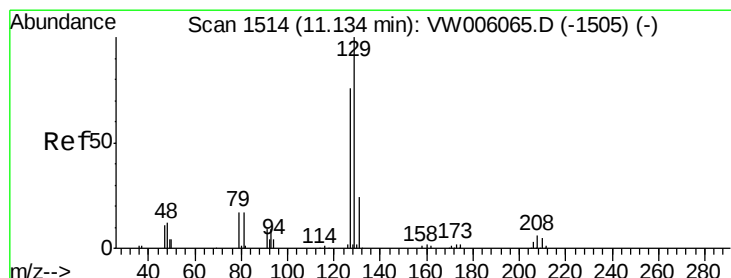
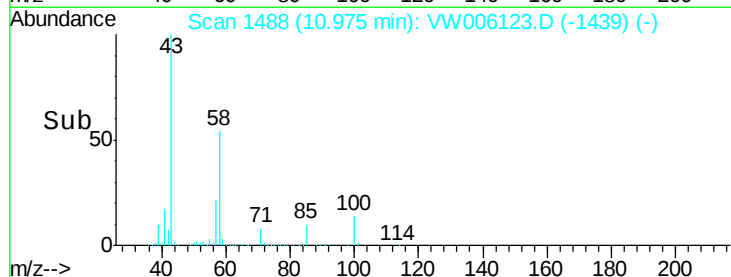
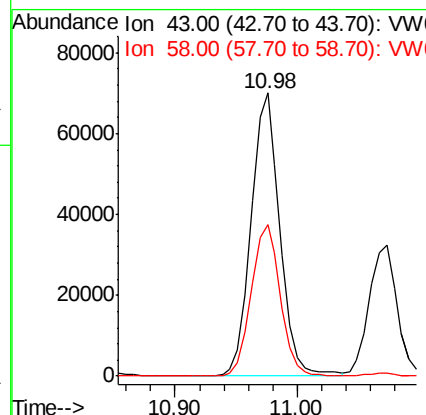
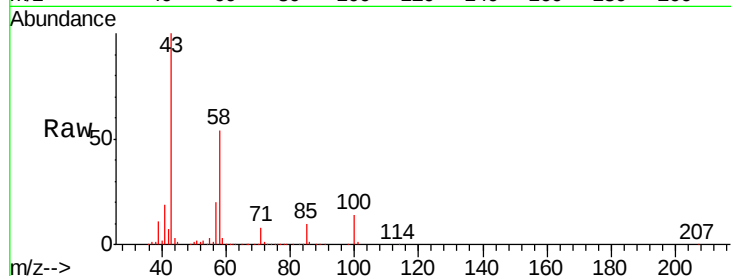




#59
2-Hexanone
Concen: 110.81 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

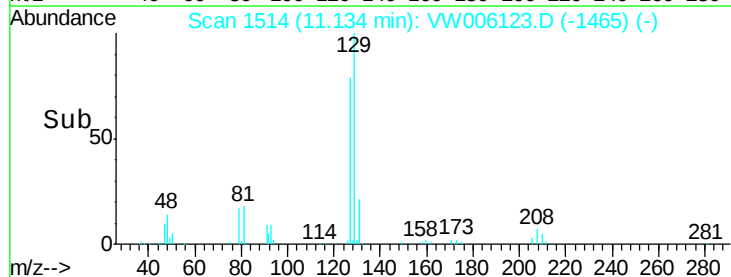
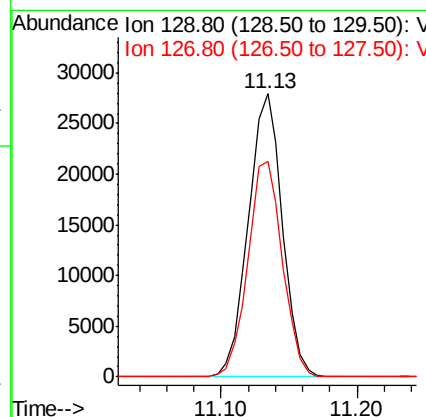
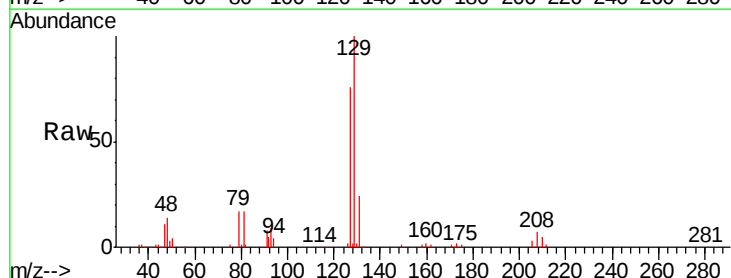
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

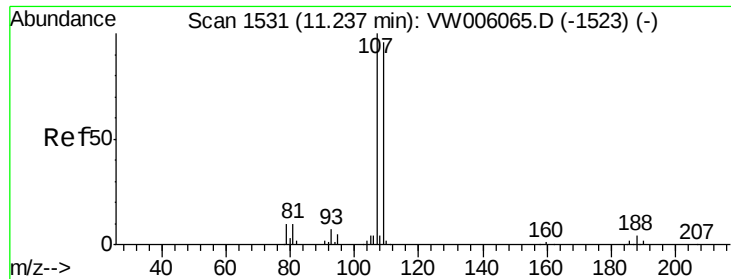
Tgt Ion: 43 Resp: 114438
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.6



#60
Dibromochloromethane
Concen: 19.74 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 129 Resp: 48935
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.7

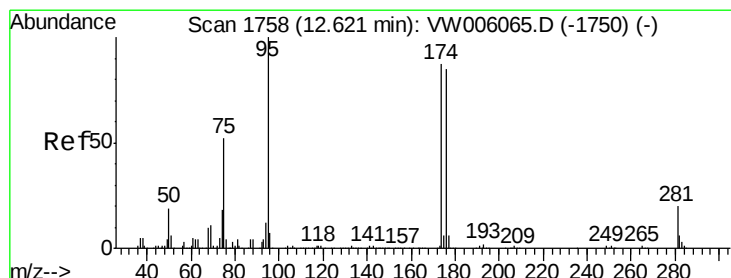
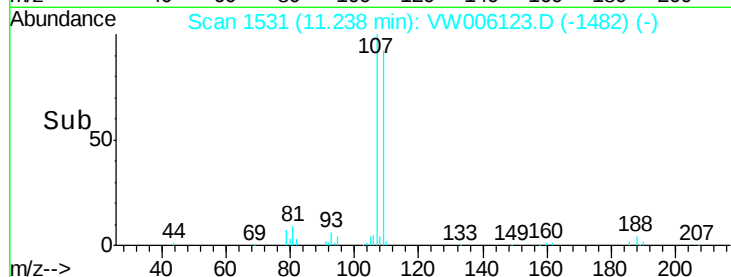
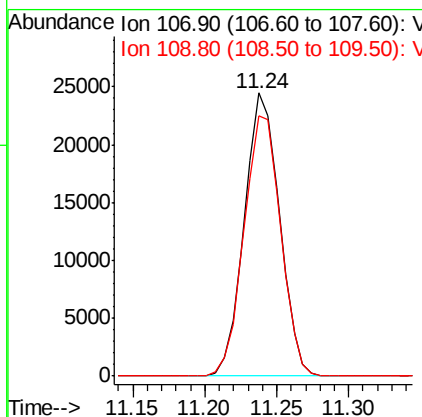
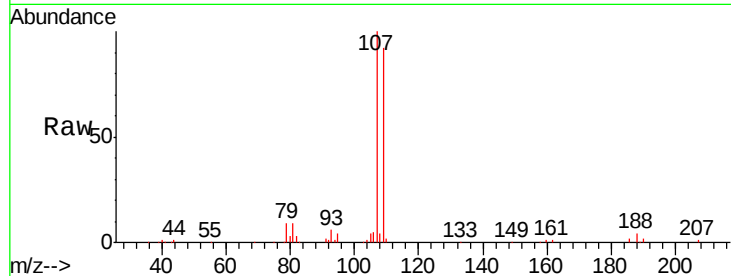




#61
 1,2-Dibromoethane
 Concen: 20.82 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

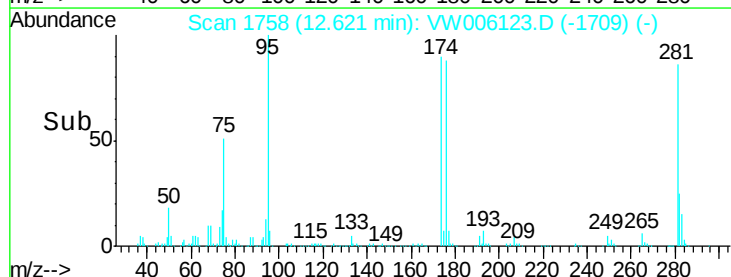
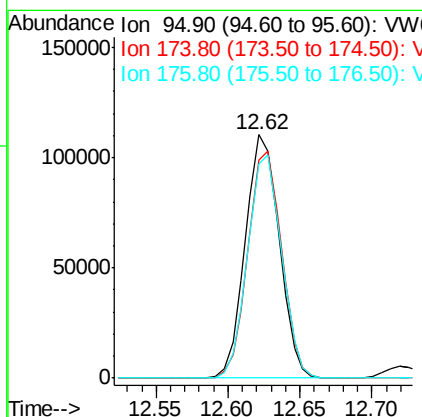
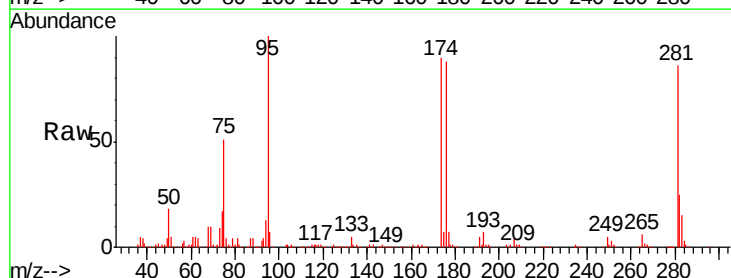
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

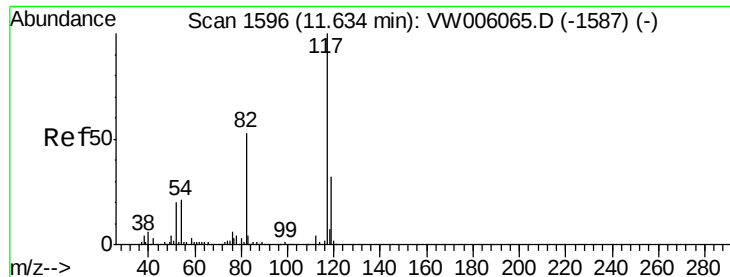
Tgt Ion: 107 Resp: 41389
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.63 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion: 95 Resp: 179767
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 186.0
 176 91.5 0.0 181.6

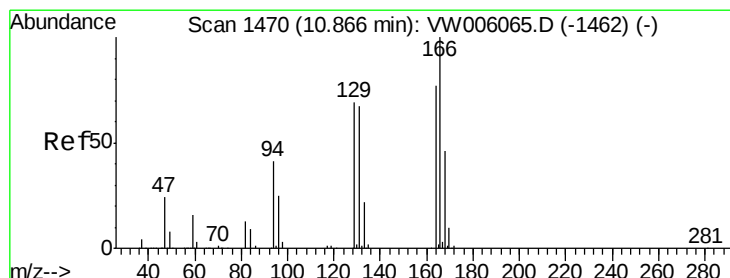
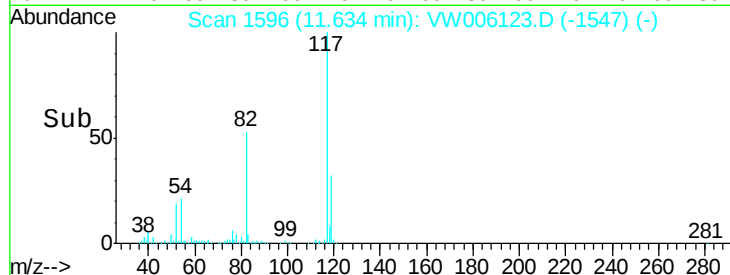
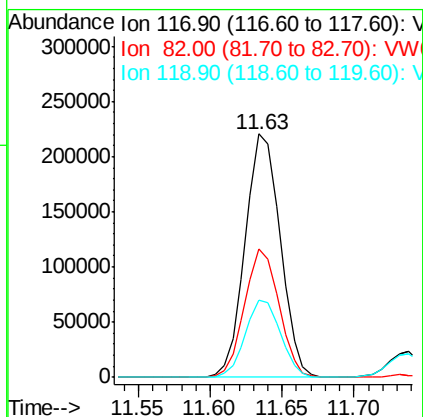
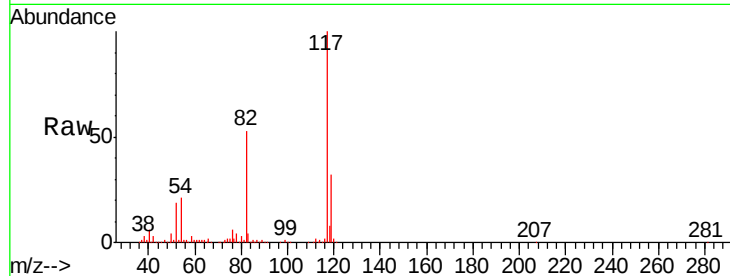




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

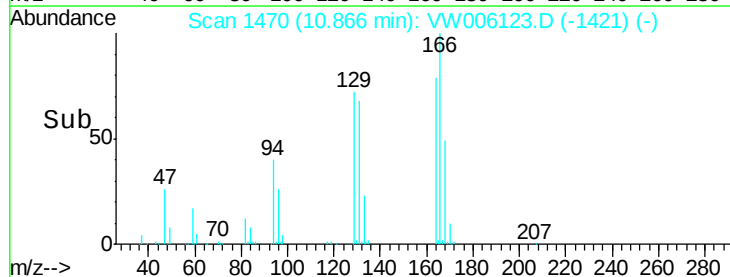
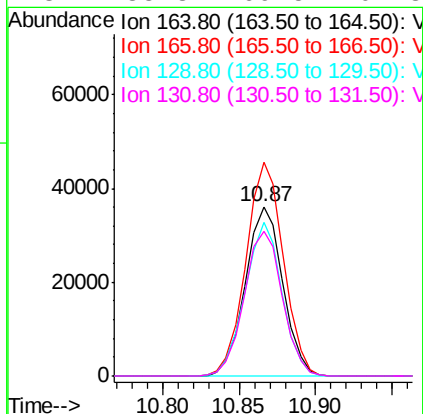
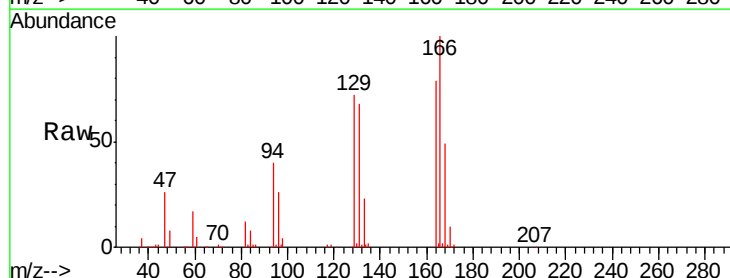
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

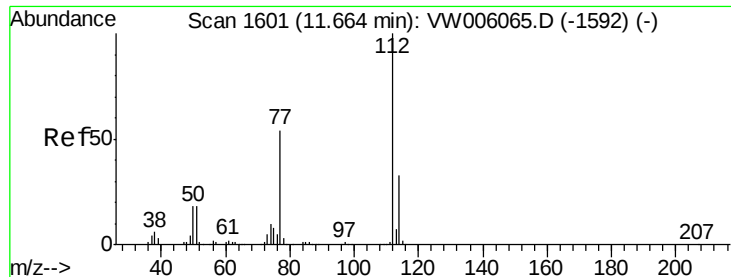
Tgt Ion:117 Resp: 372060
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 21.24 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:164 Resp: 61337
Ion Ratio Lower Upper
164 100
166 126.3 103.4 155.0
129 90.6 71.8 107.8
131 85.3 69.5 104.3





#65

Chlorobenzene

Concen: 21.24 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

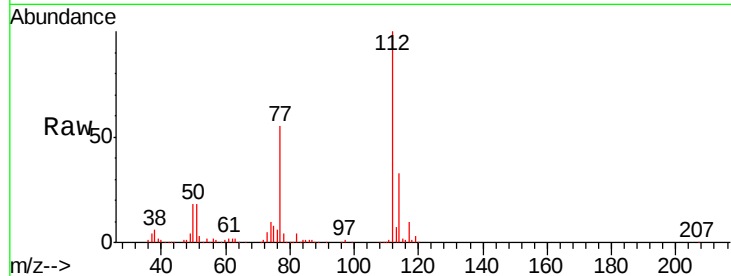
VW1017SBSD01

Tgt Ion:112 Resp: 169173

Ion Ratio Lower Upper

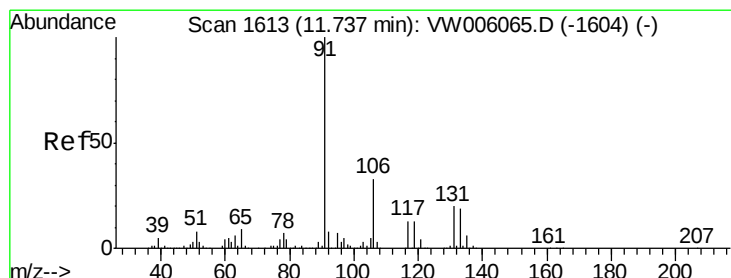
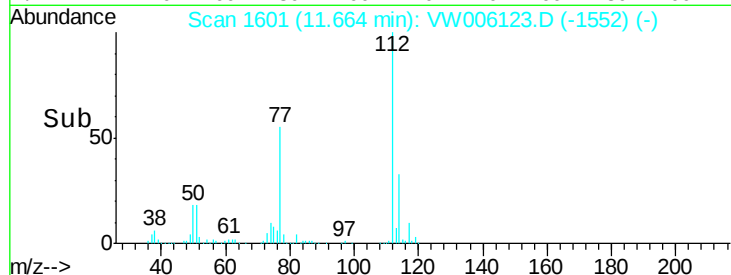
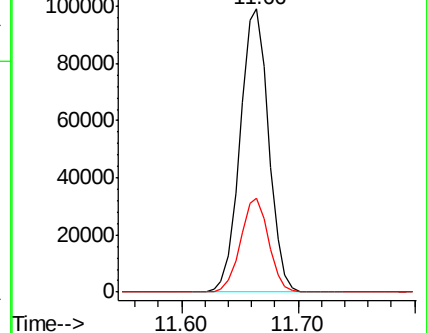
112 100

114 33.1 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: 20.52 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

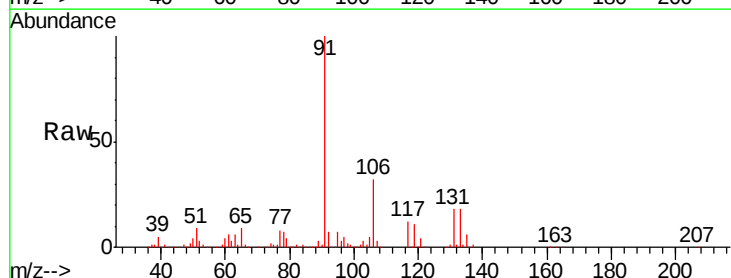
Tgt Ion:131 Resp: 58080

Ion Ratio Lower Upper

131 100

133 96.9 48.1 144.3

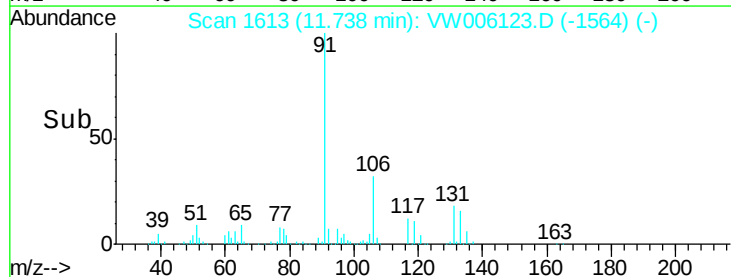
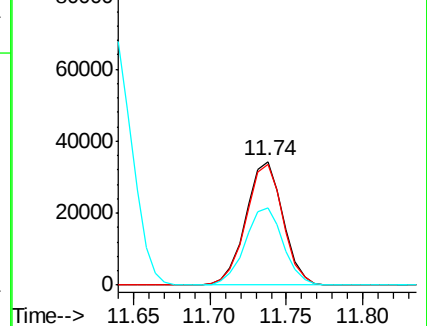
119 63.9 31.6 94.7

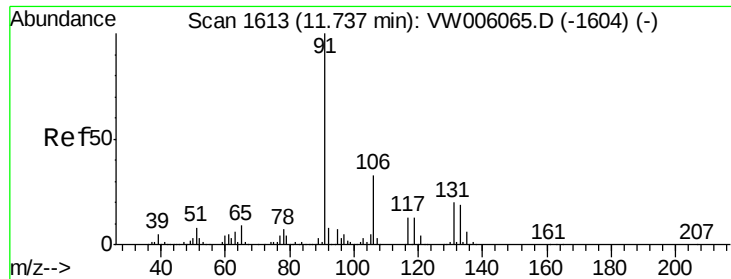


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

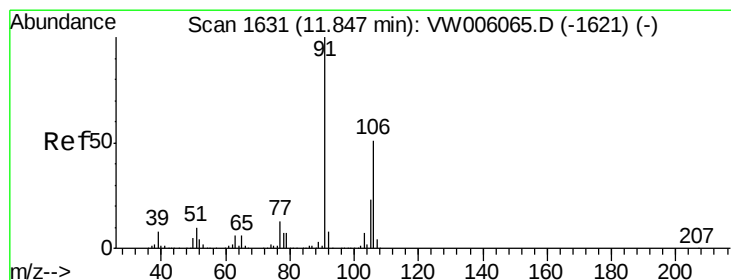
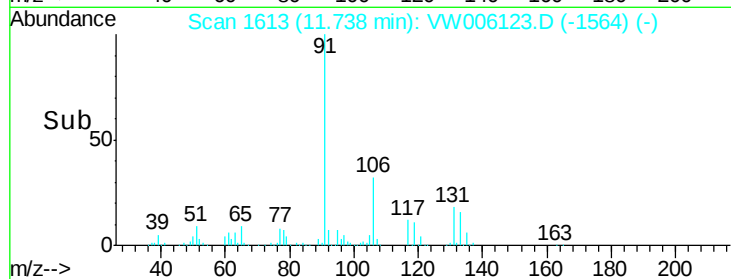
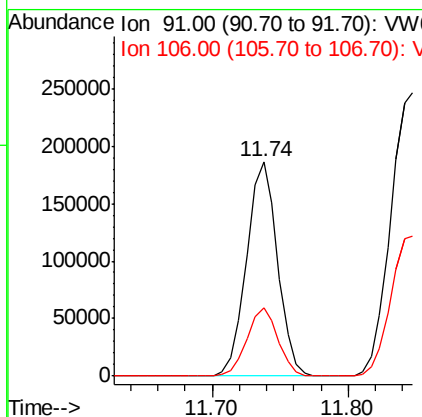
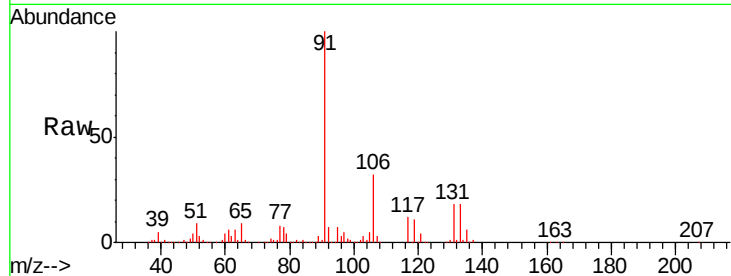




#67
Ethyl Benzene
Concen: 21.50 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

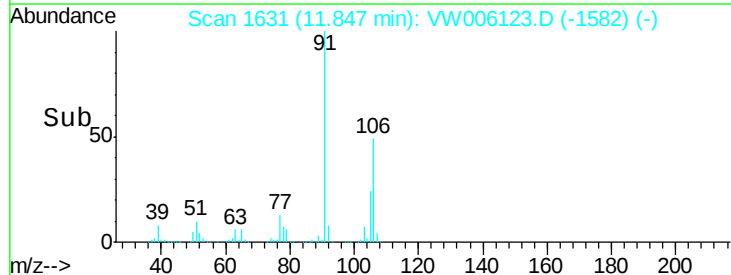
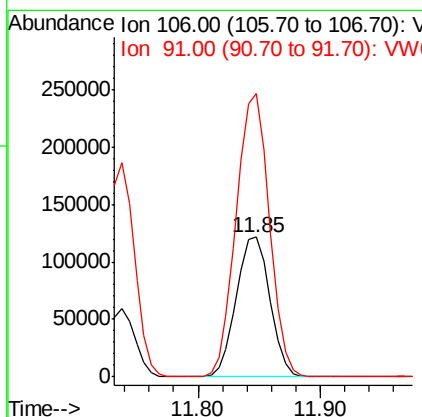
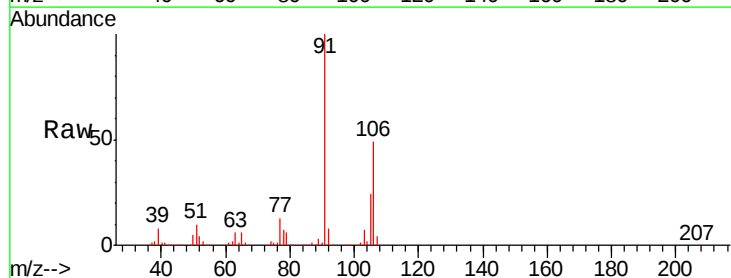
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

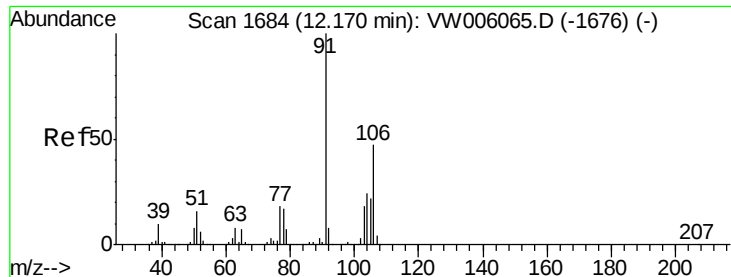
Tgt Ion: 91 Resp: 296708
Ion Ratio Lower Upper
91 100
106 31.6 26.1 39.1



#68
m/p-Xylenes
Concen: 42.61 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 106 Resp: 232482
Ion Ratio Lower Upper
106 100
91 199.7 159.1 238.7

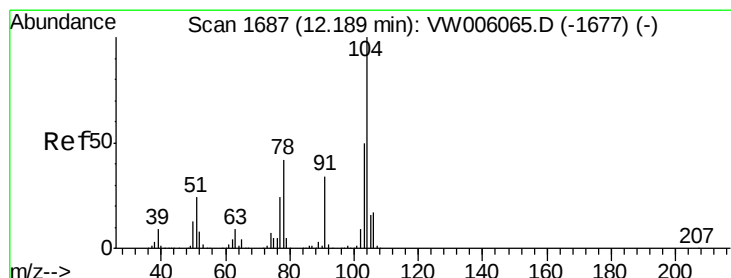
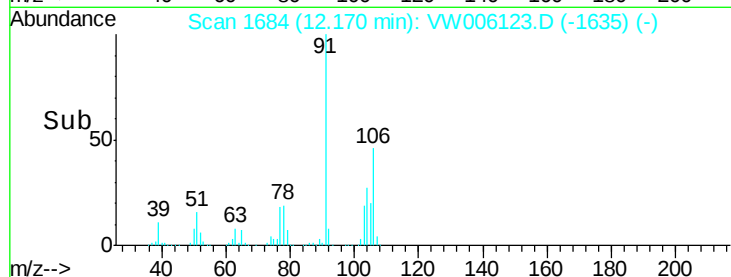
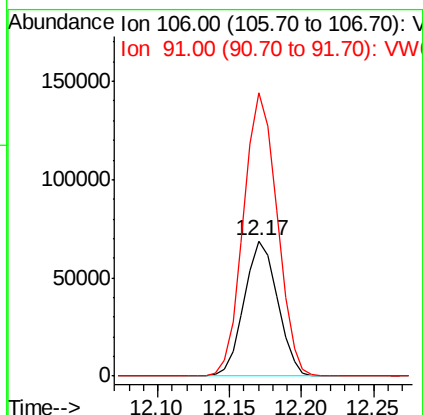
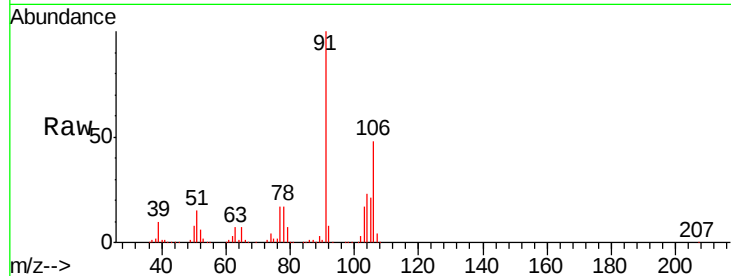




#69
o-Xylene
Concen: 21.27 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

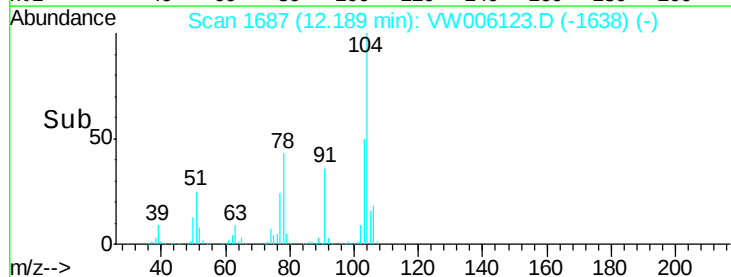
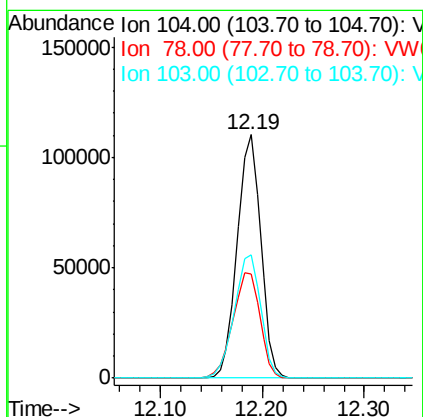
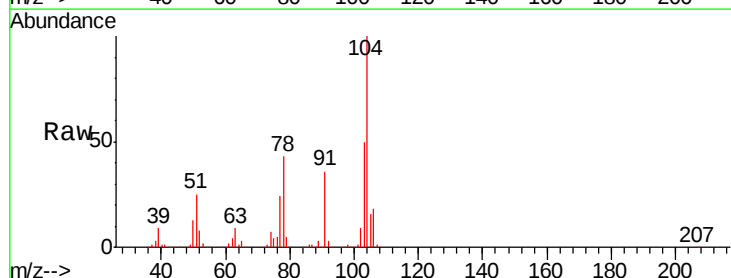
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tgt Ion:106 Resp: 110609
Ion Ratio Lower Upper
106 100
91 210.8 105.4 316.1



#70
Styrene
Concen: 20.90 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:104 Resp: 176721
Ion Ratio Lower Upper
104 100
78 49.4 39.1 58.7
103 56.4 44.3 66.5





#71

Bromoform

Concen: 19.07 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

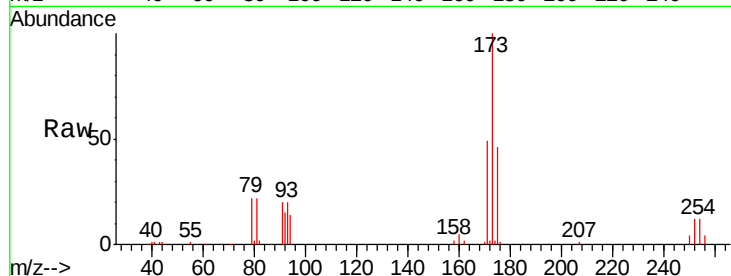
Tgt Ion:173 Resp: 30102

Ion Ratio Lower Upper

173 100

175 48.9 24.2 72.6

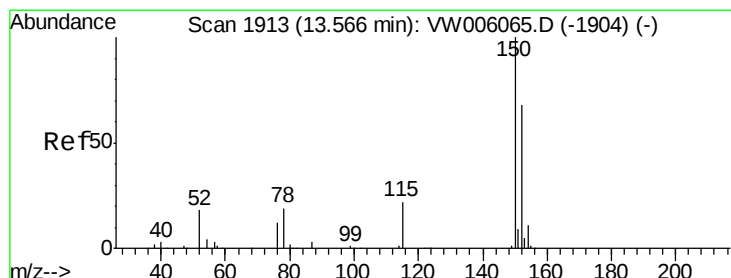
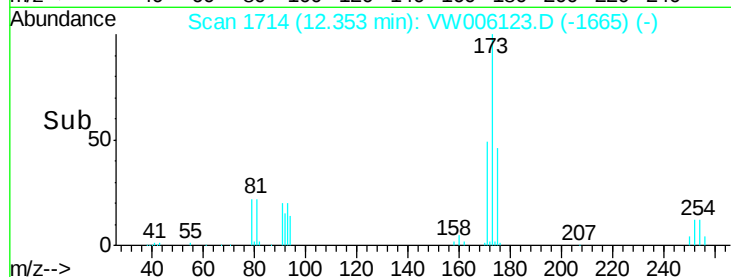
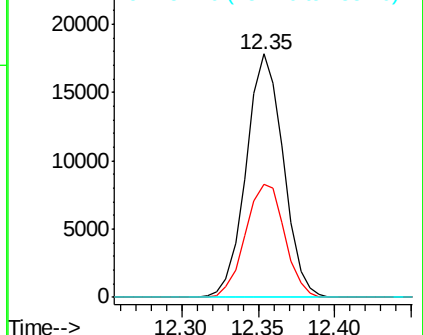
254 0.1 0.1 0.1#



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: 50.00 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

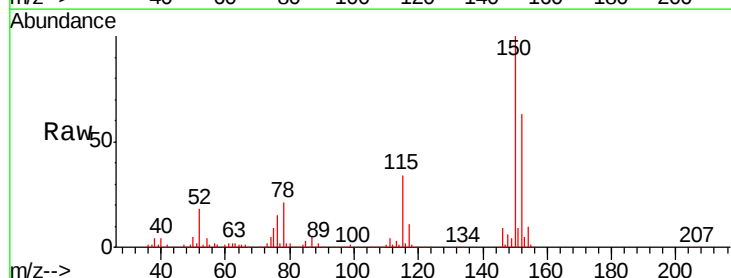
Tgt Ion:152 Resp: 209365

Ion Ratio Lower Upper

152 100

115 54.9 27.8 83.3

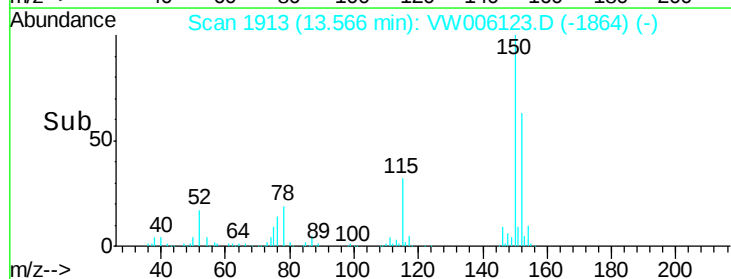
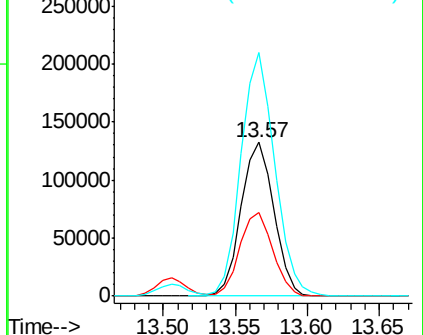
150 163.1 0.0 349.2

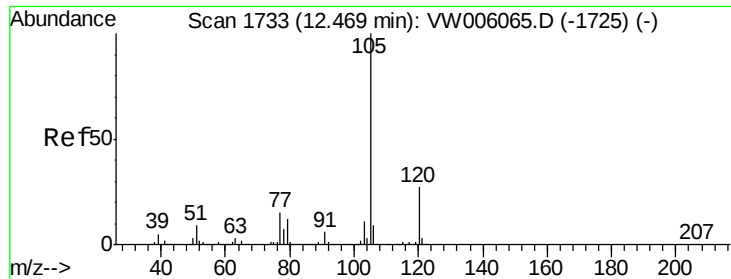


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.44 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

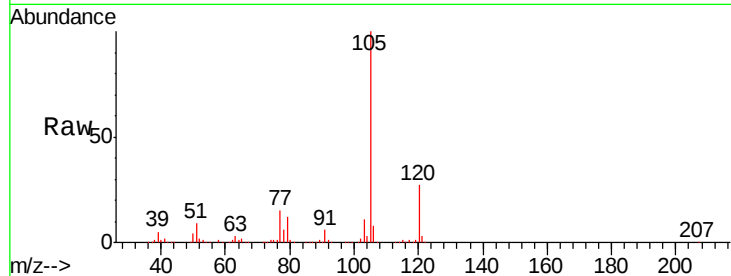
VW1017SBSD01

Tgt Ion:105 Resp: 317077

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.47

200000

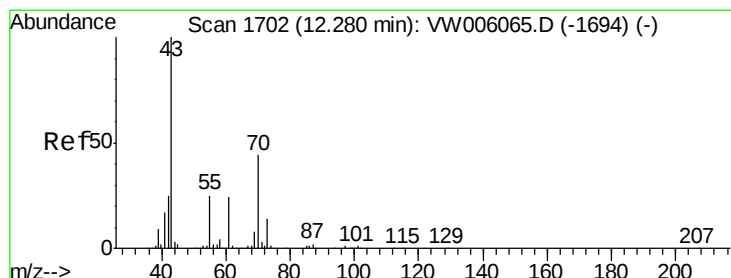
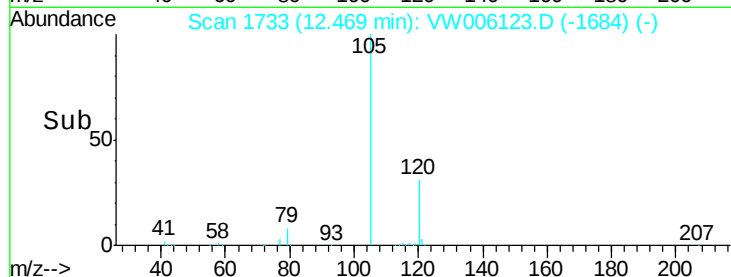
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.52 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion: 43 Resp: 58951

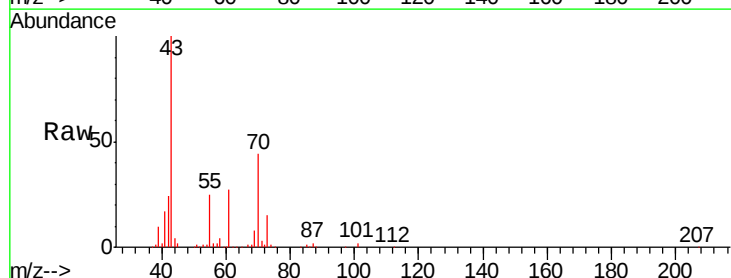
Ion Ratio Lower Upper

43 100

70 44.1 34.2 51.4

55 24.2 19.2 28.8

61 24.8 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.28

60000

50000

40000

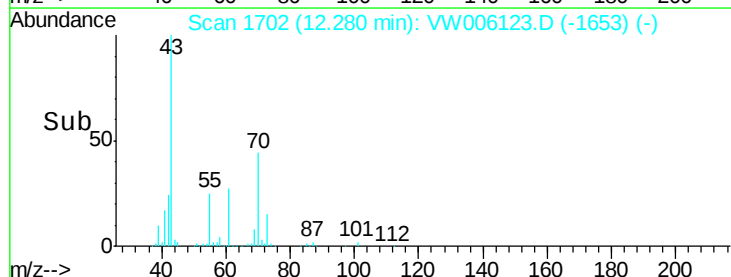
30000

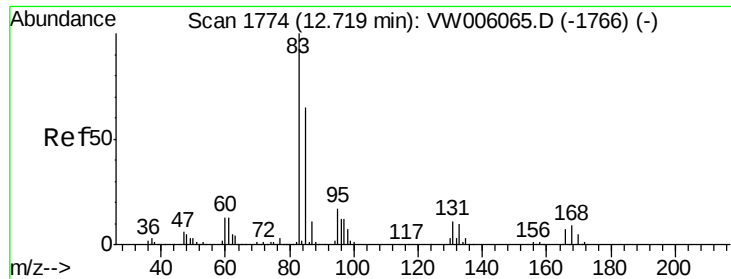
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.76 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampled :

VW1017SBS01

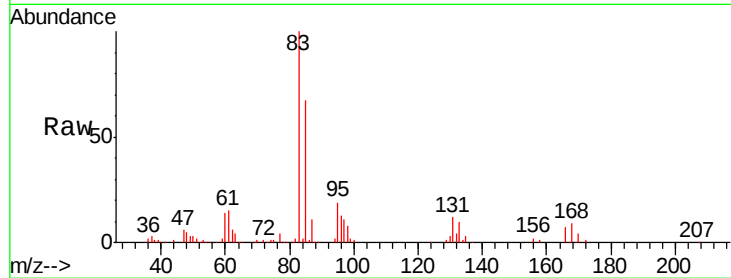
Tgt Ion: 83 Resp: 46706

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

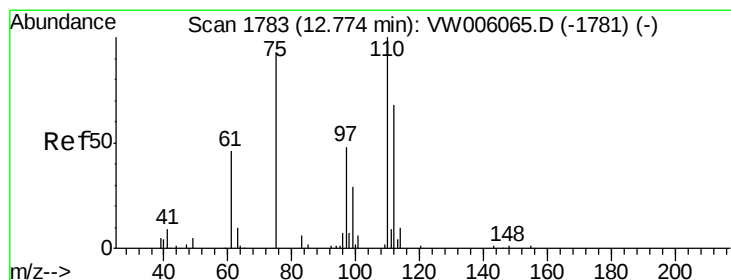
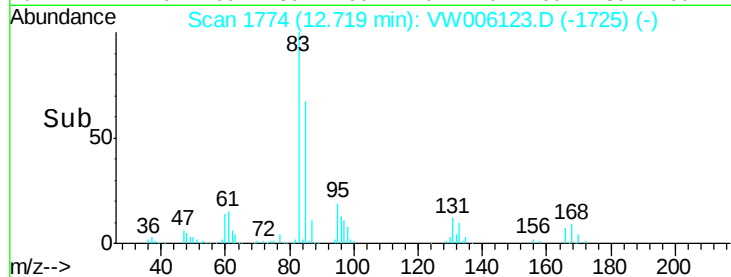
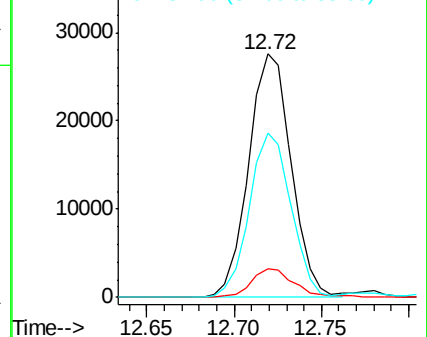
85 65.9 31.9 95.9



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: 38.42 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006123.D

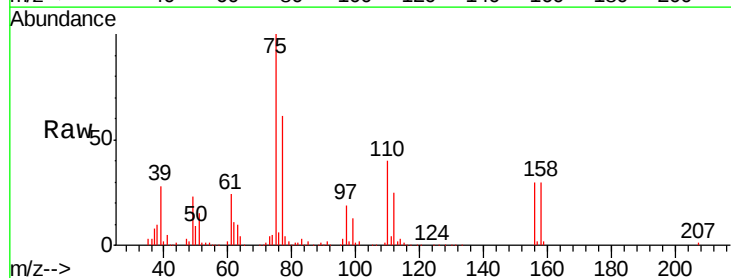
Acq: 17 Oct 2018 13:53

Tgt Ion: 75 Resp: 61442

Ion Ratio Lower Upper

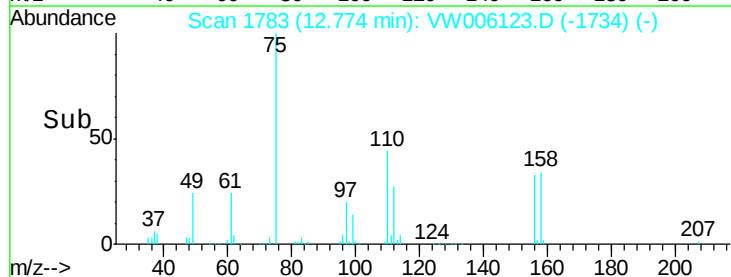
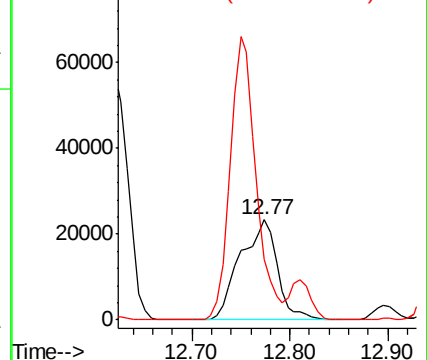
75 100

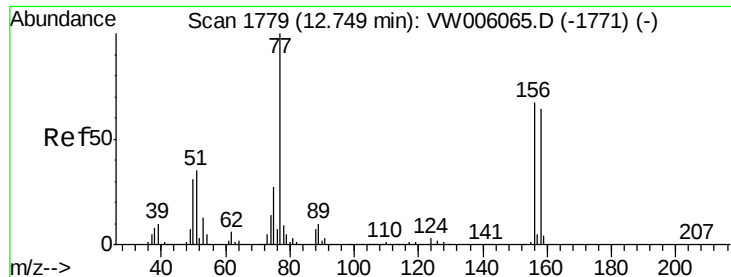
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 20.98 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

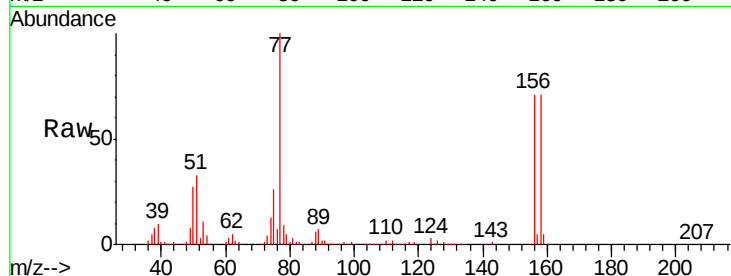
Tgt Ion:156 Resp: 76008

Ion Ratio Lower Upper

156 100

77 159.0 79.1 237.4

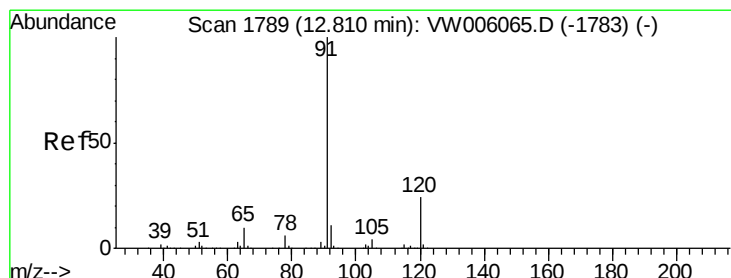
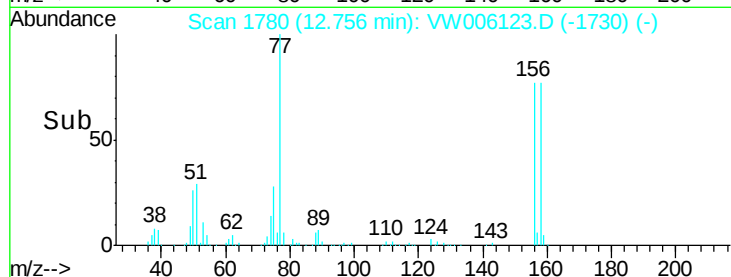
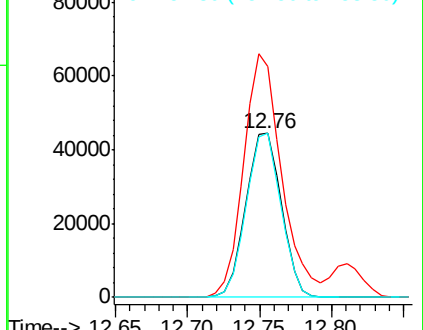
158 97.6 48.5 145.6



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: 21.42 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006123.D

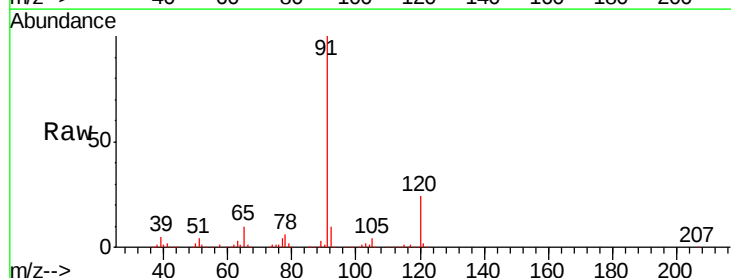
Acq: 17 Oct 2018 13:53

Tgt Ion: 91 Resp: 368576

Ion Ratio Lower Upper

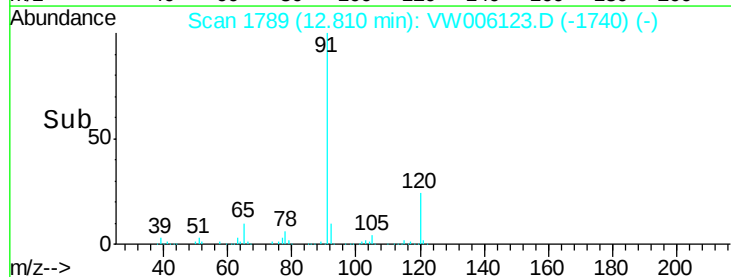
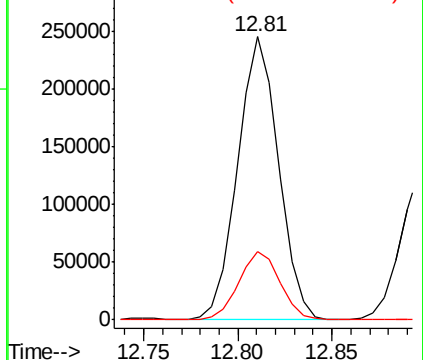
91 100

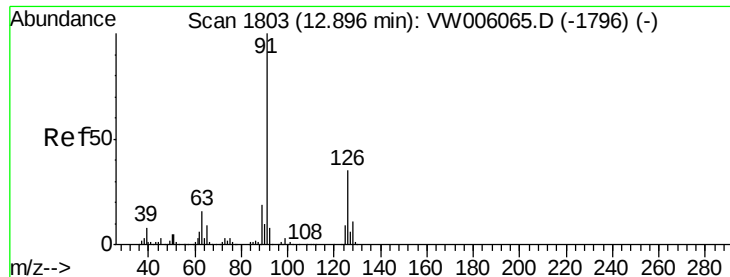
120 24.4 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.17 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

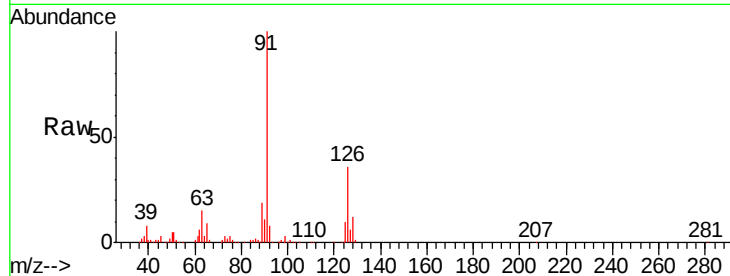
VW1017SBSD01

Tgt Ion: 91 Resp: 204689

Ion Ratio Lower Upper

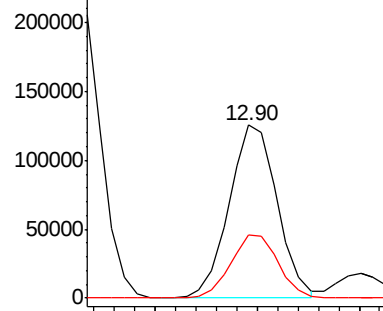
91 100

126 36.5 17.9 53.8

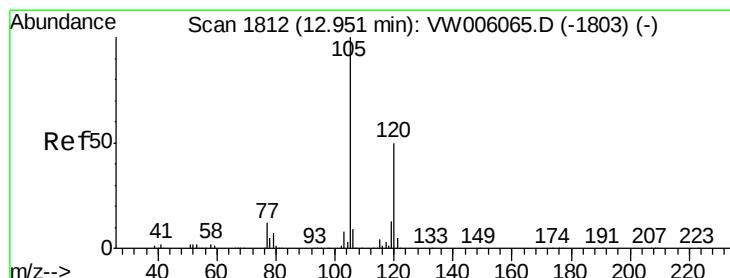
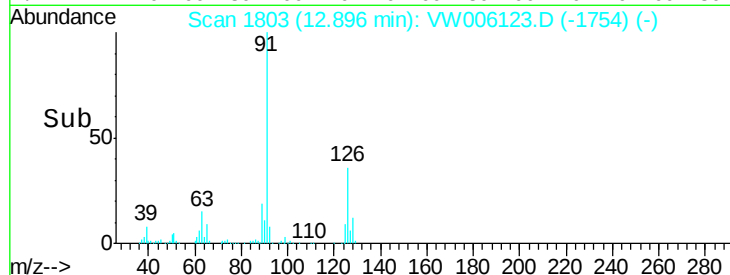


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.33 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006123.D

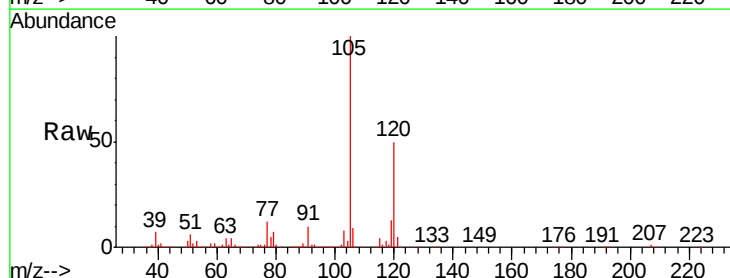
Acq: 17 Oct 2018 13:53

Tgt Ion: 105 Resp: 265974

Ion Ratio Lower Upper

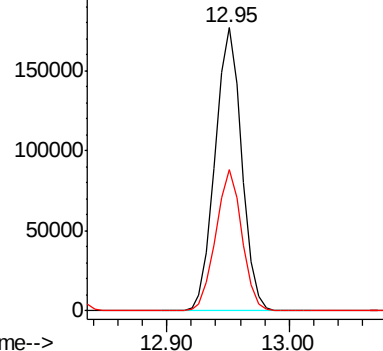
105 100

120 49.0 24.9 74.6

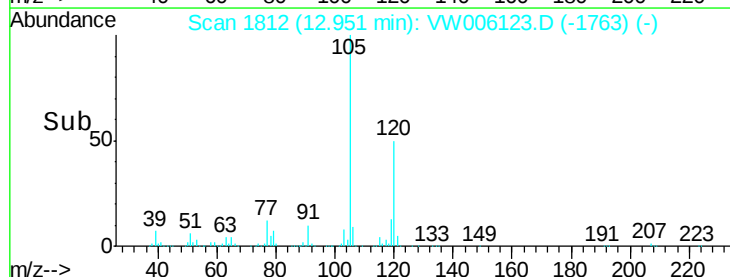


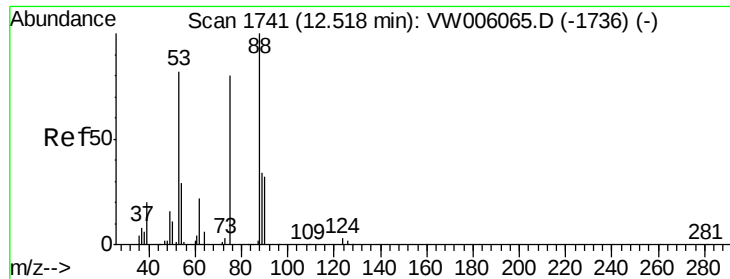
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->

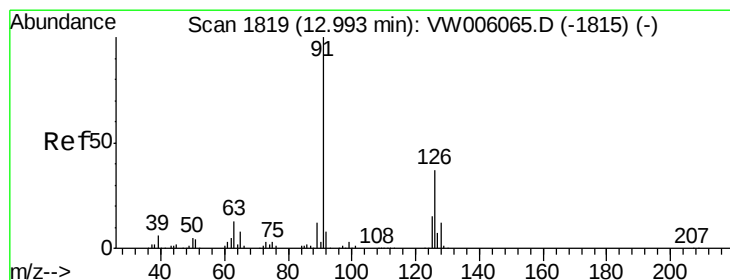
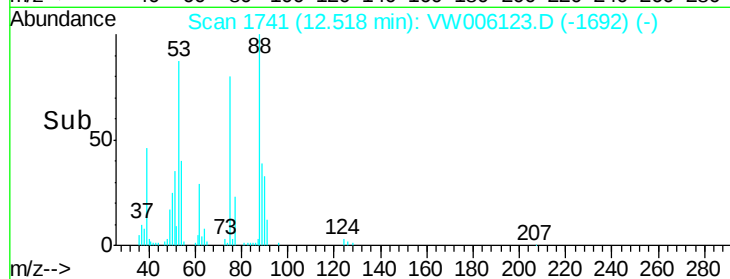
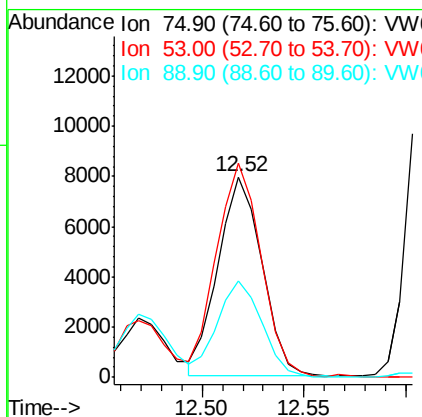
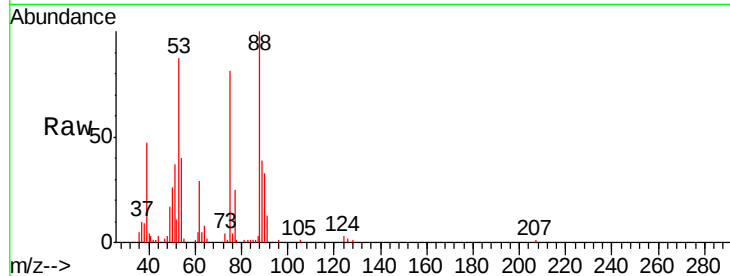




#81
trans-1,4-Dichloro-2-butene
Concen: 17.68 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

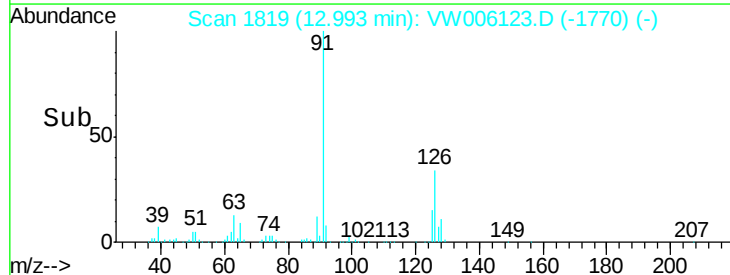
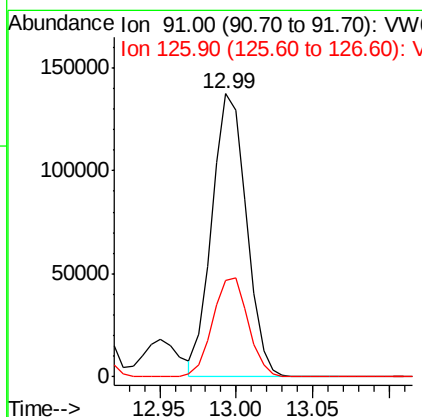
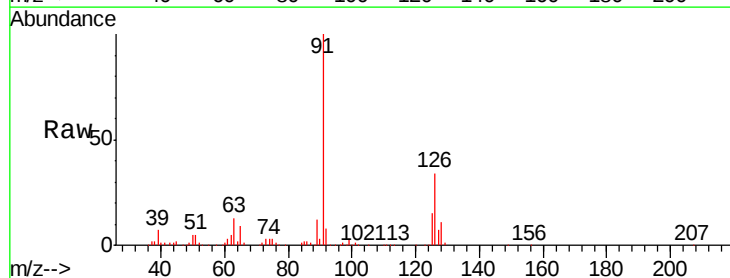
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tgt Ion: 75 Resp: 11826
Ion Ratio Lower Upper
75 100
53 110.2 79.8 119.6
89 49.5 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.29 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion: 91 Resp: 215633
Ion Ratio Lower Upper
91 100
126 35.9 18.1 54.3

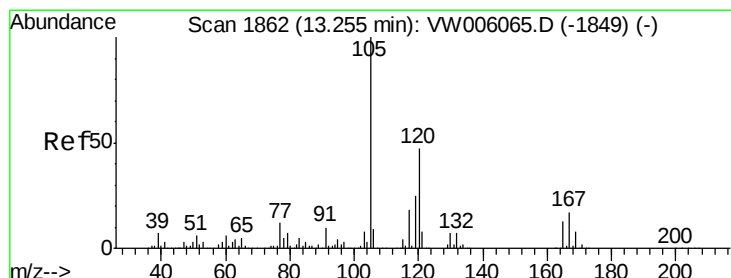
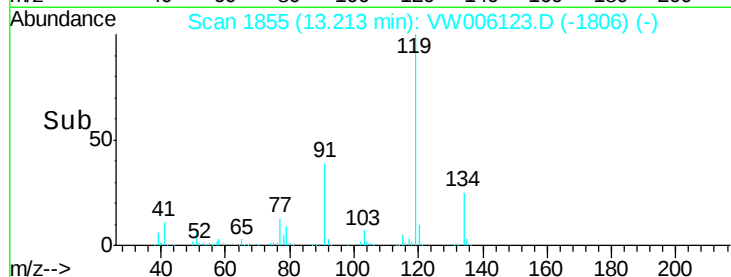
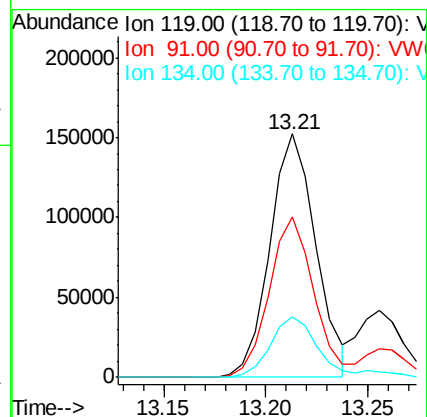
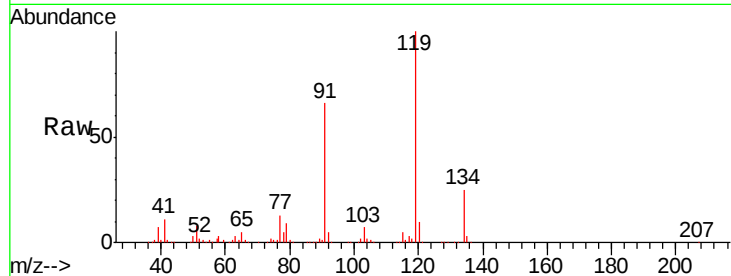




#83
tert-Butylbenzene
Concen: 21.41 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

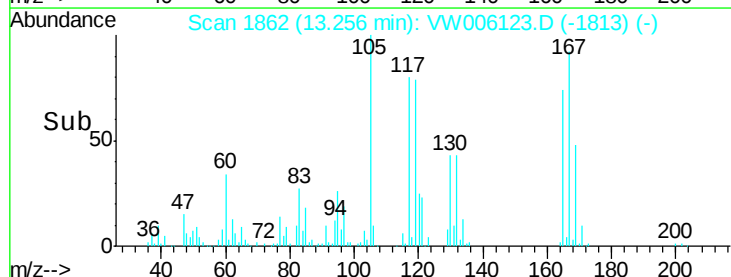
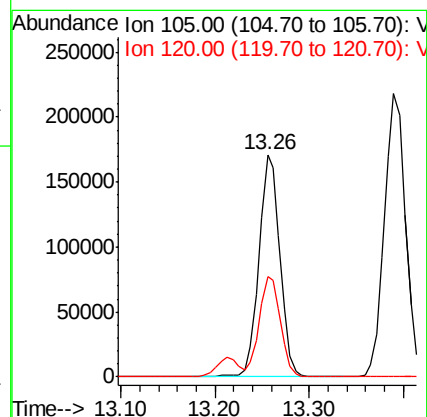
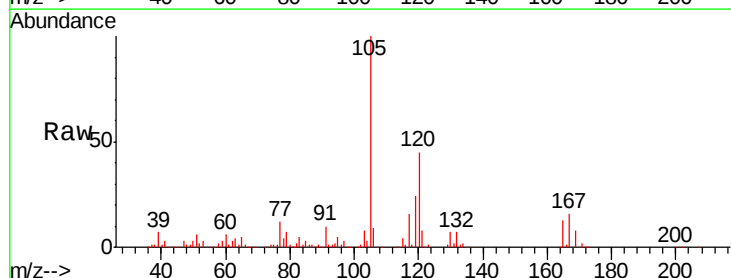
Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

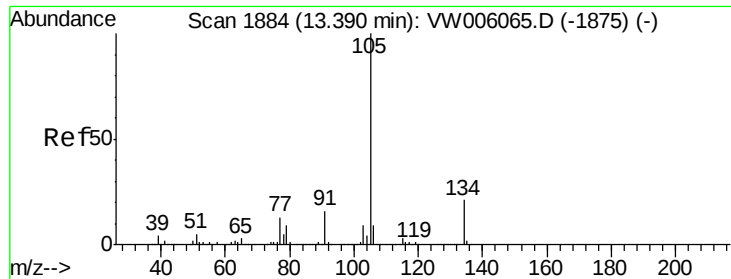
Tgt Ion:119 Resp: 238858
Ion Ratio Lower Upper
119 100
91 64.7 32.3 96.9
134 25.0 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 21.30 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:105 Resp: 268795
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.3

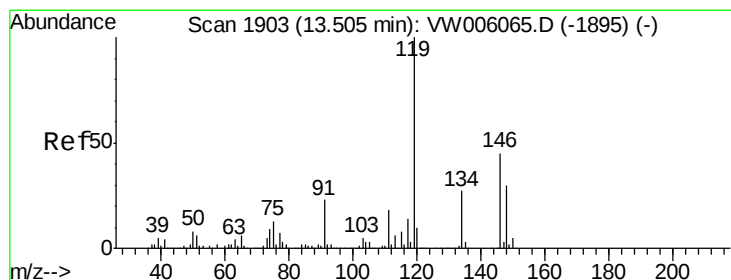
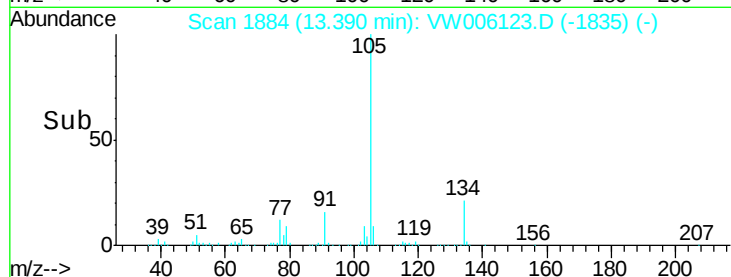
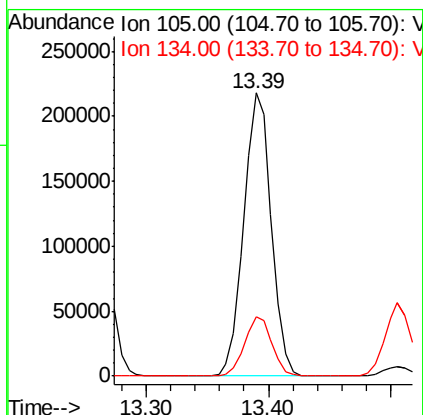
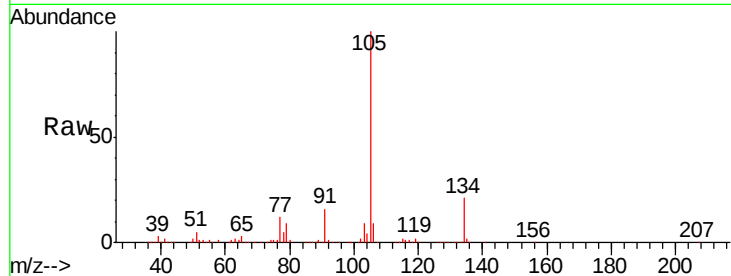




#85
 sec-Butylbenzene
 Concen: 21.52 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

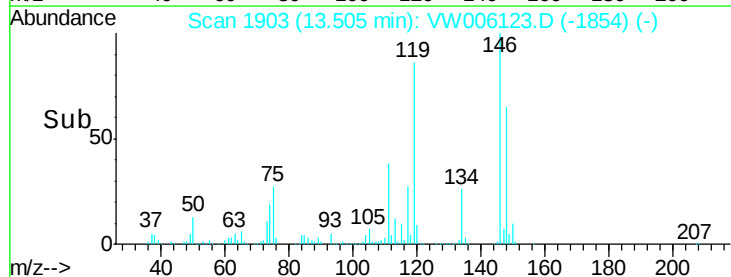
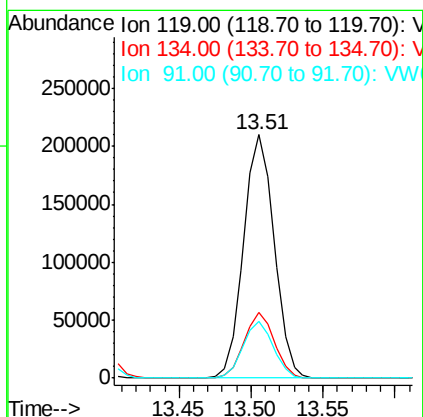
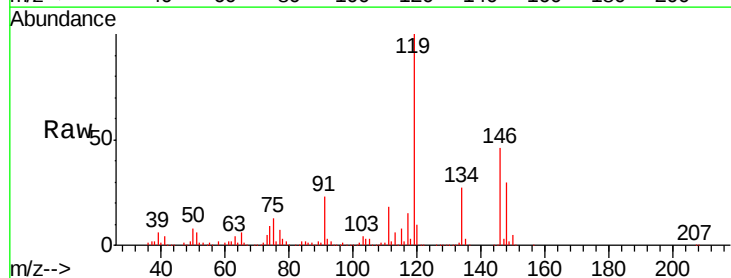
Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

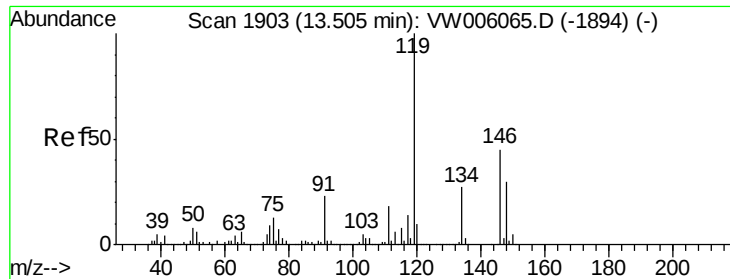
Tgt Ion:105 Resp: 339152
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 21.61 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion:119 Resp: 308058
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.2
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 21.25 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

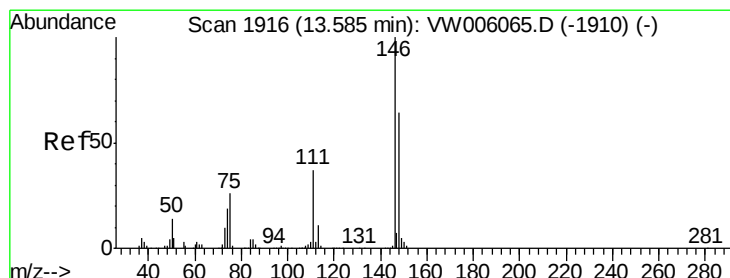
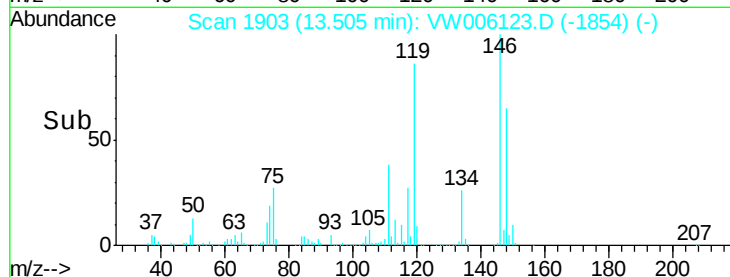
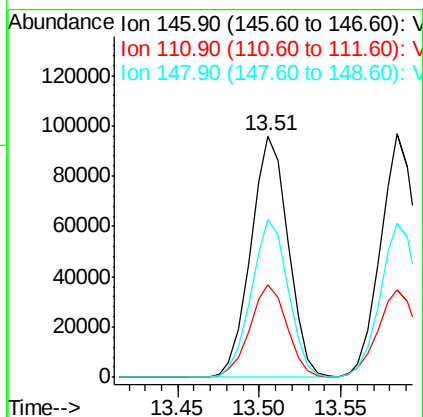
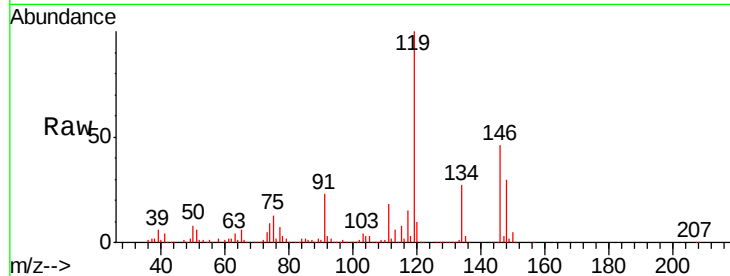
Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBS01

Tgt Ion:146 Resp: 153178

Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.6	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 21.08 ug/l

RT: 13.58 min Scan# 1916

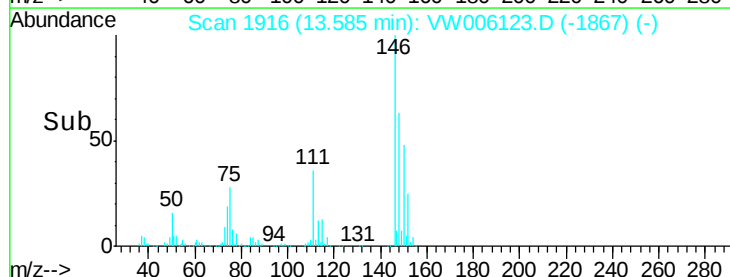
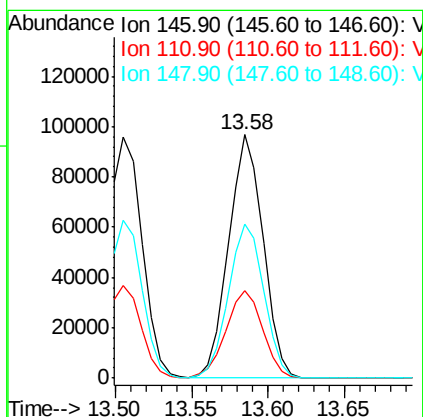
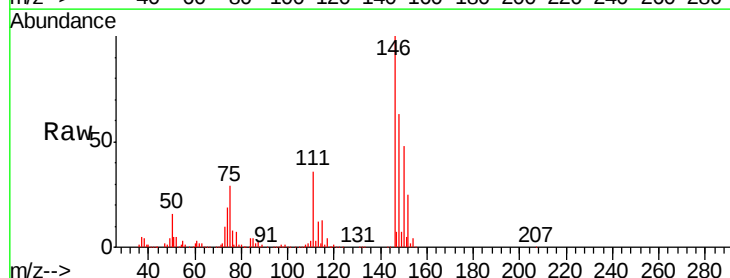
Delta R.T. 0.00 min

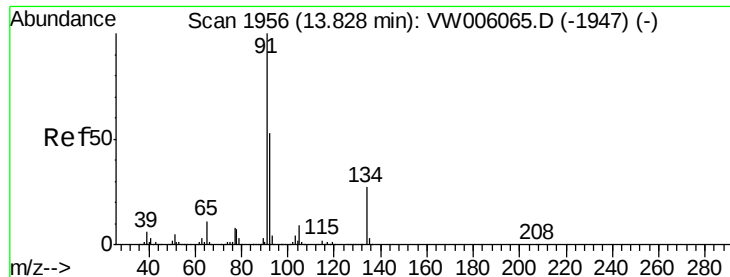
Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Tgt Ion:146 Resp: 151361

Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	56.0
148	65.0	32.1	96.5





#89

n-Butylbenzene

Concen: 21.81 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampleId :

VW1017SBSD01

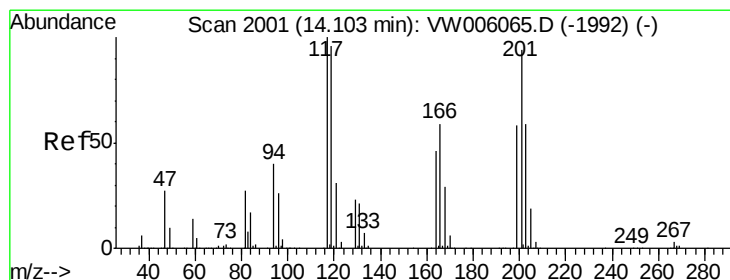
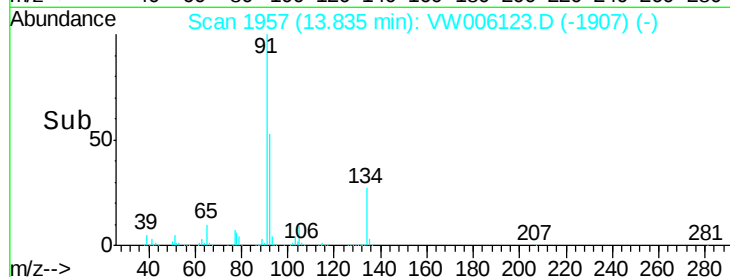
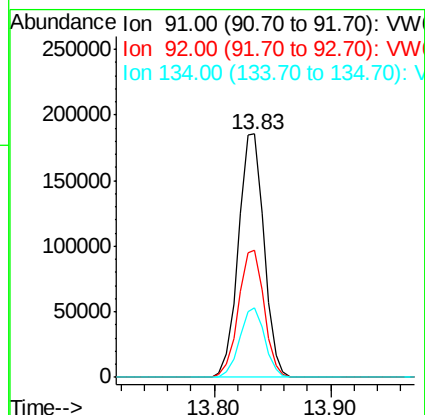
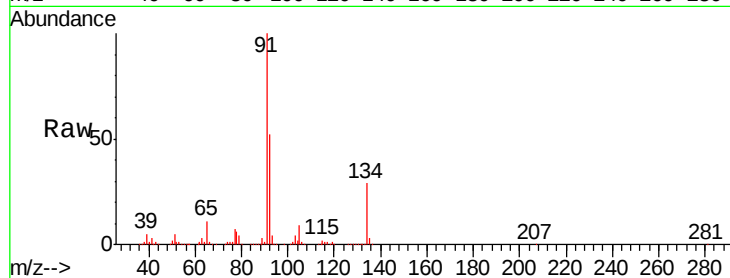
Tgt Ion: 91 Resp: 284374

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.7

134 28.1 14.0 41.9



#90

Hexachloroethane

Concen: 19.84 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006123.D

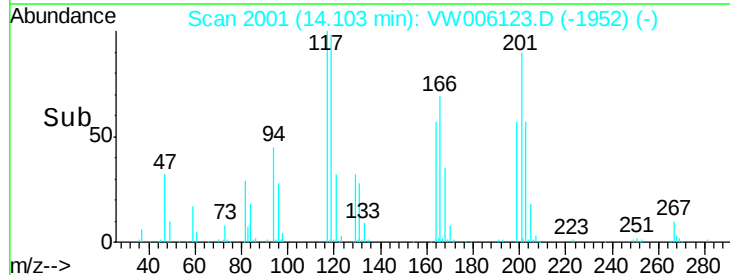
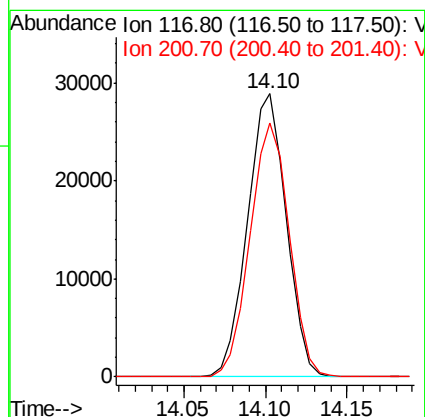
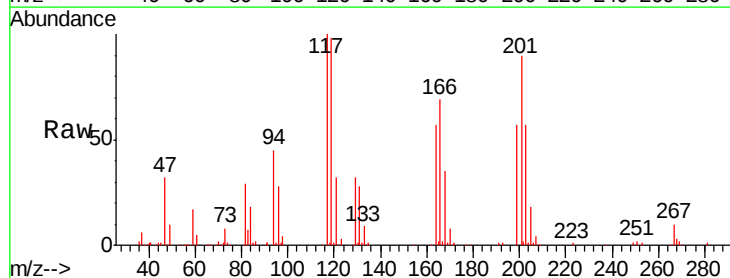
Acq: 17 Oct 2018 13:53

Tgt Ion: 117 Resp: 47908

Ion Ratio Lower Upper

117 100

201 90.5 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 21.08 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

Instrument :

MSVOA_W

ClientSampled :

VW1017SBS01

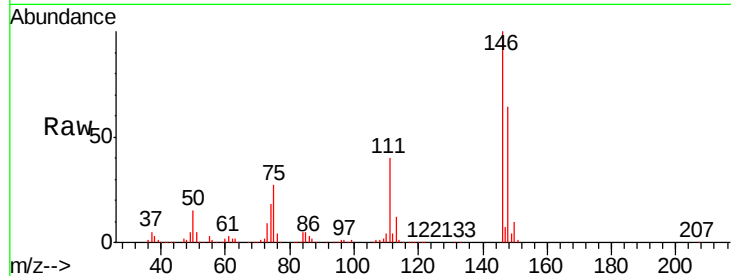
Tgt Ion:146 Resp: 135590

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

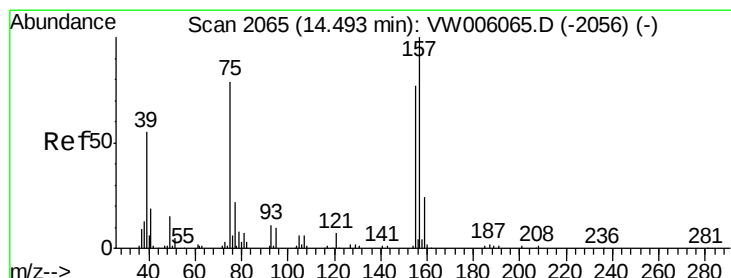
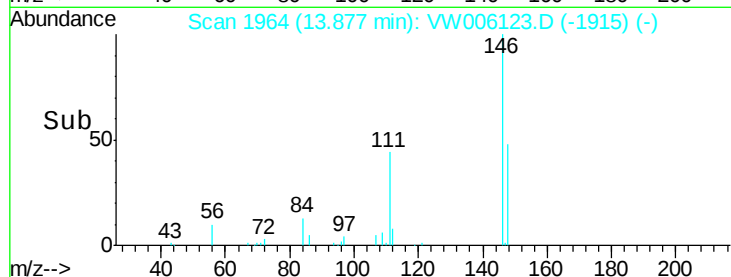
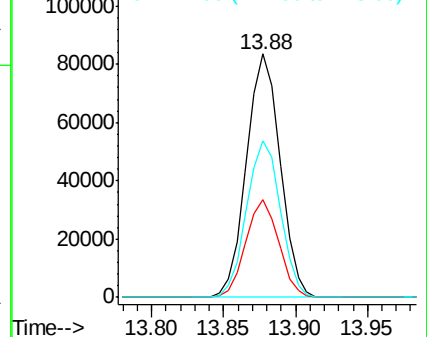
148 64.6 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.13 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006123.D

Acq: 17 Oct 2018 13:53

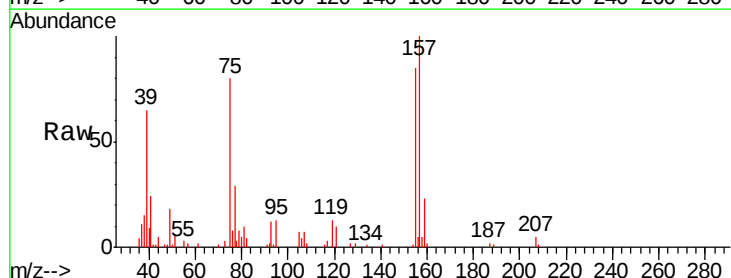
Tgt Ion: 75 Resp: 8108

Ion Ratio Lower Upper

75 100

155 94.0 46.5 139.5

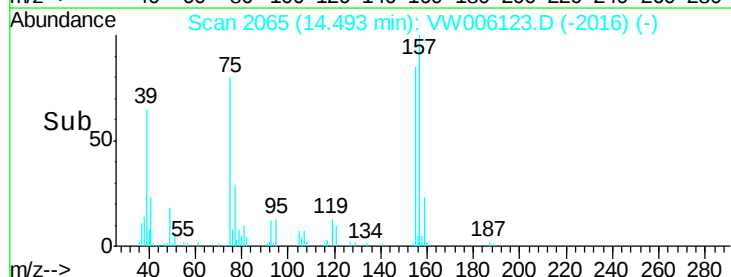
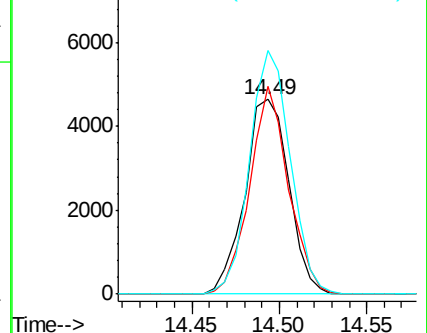
157 116.4 59.8 179.4

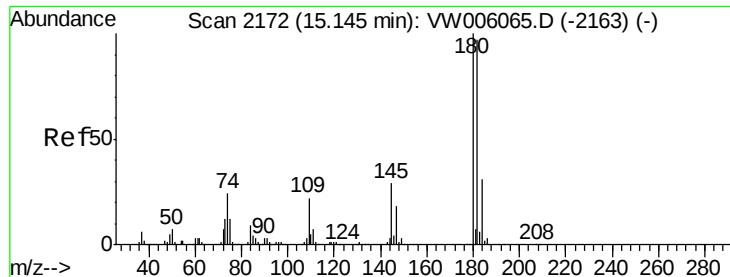


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

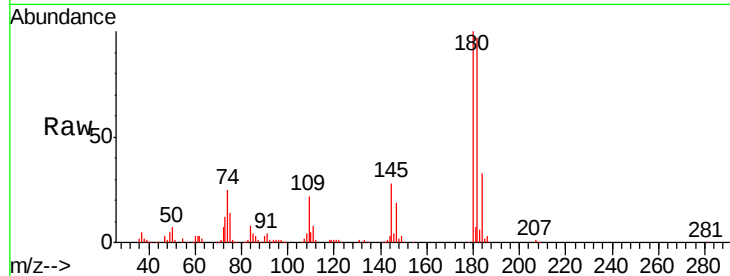




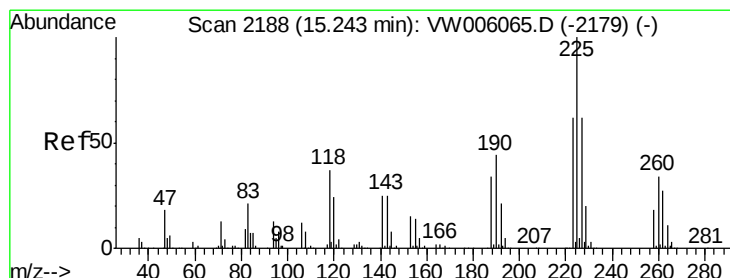
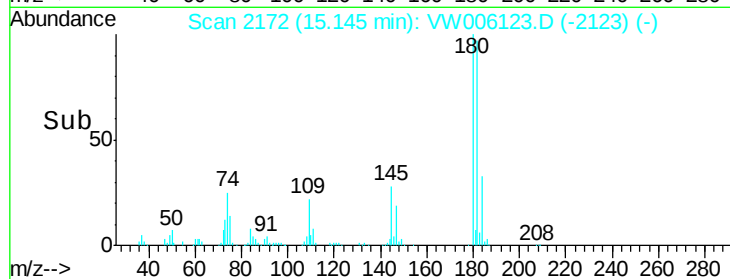
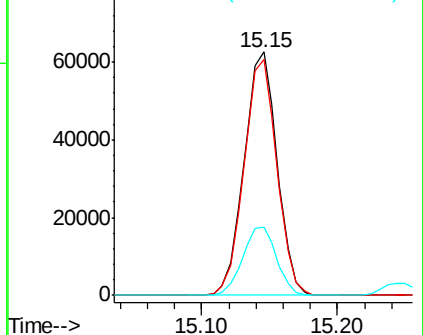
#93
 1,2,4-Trichlorobenzene
 Concen: 21.43 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBSD01

Tgt Ion:180 Resp: 106052
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.6
 145 28.9 14.2 42.8

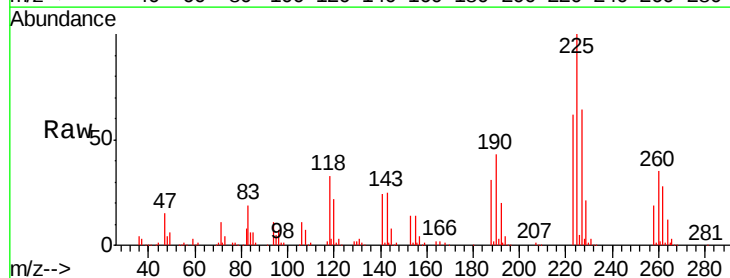


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

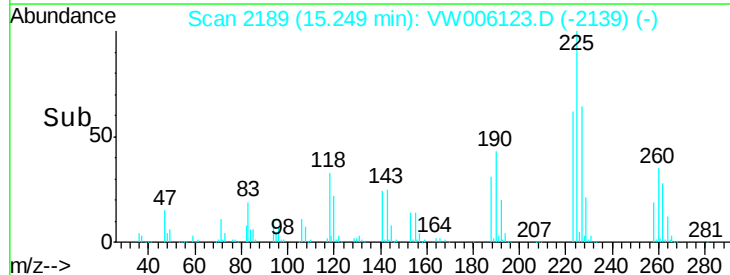
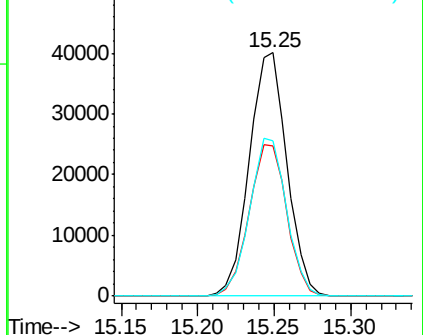


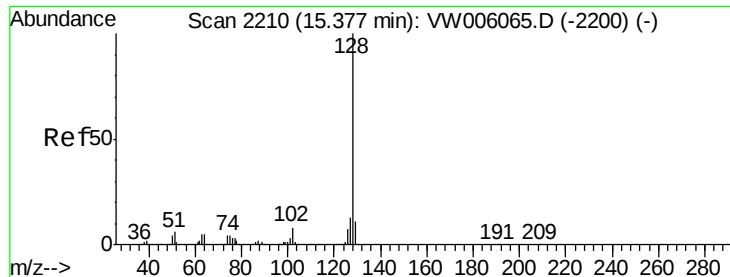
#94
 Hexachlorobutadiene
 Concen: 22.05 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006123.D
 Acq: 17 Oct 2018 13:53

Tgt Ion:225 Resp: 68550
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 63.6 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

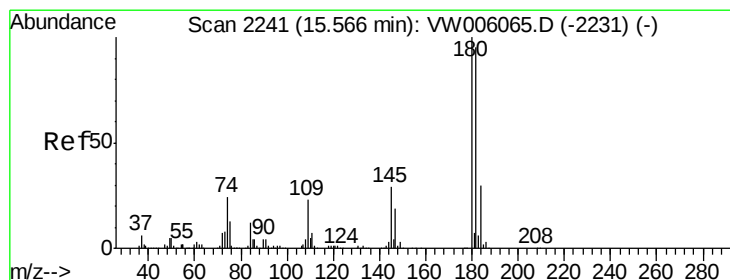
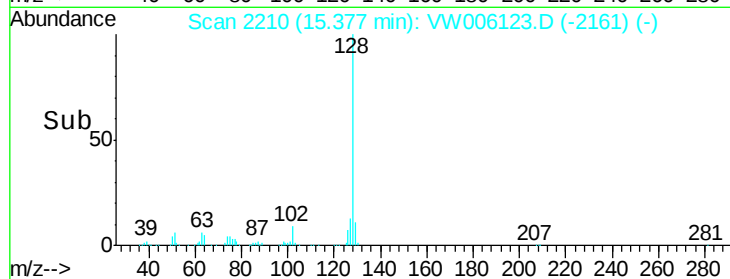
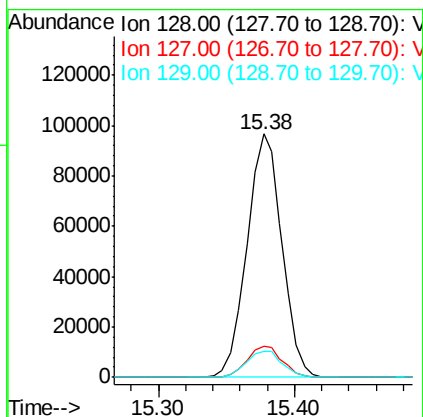
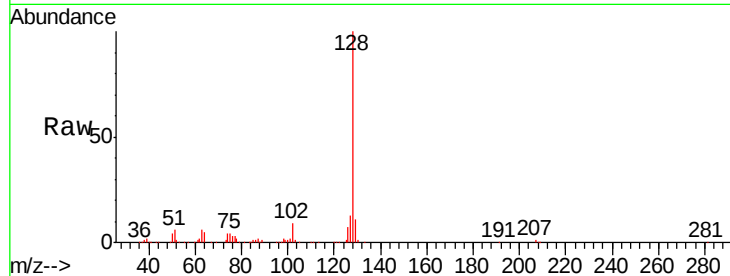




#95
Naphthalene
Concen: 21.05 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Instrument :
MSVOA_W
ClientSampleId :
VW1017SBSD01

Tgt Ion:128 Resp: 173314
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.59 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006123.D
Acq: 17 Oct 2018 13:53

Tgt Ion:180 Resp: 92430
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 29.9 15.0 45.1

