

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006222.D
 Acq On : 19 Oct 2018 13:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 01:17:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	269270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	375505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102324	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	
35) Dibromofluoromethane	7.88	113	108432	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.33	98	416086	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	12.62	95	157183	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70769	53.110	ug/l	97
3) Chloromethane	2.21	50	80460	46.909	ug/l	99
4) Vinyl Chloride	2.37	62	127113	51.893	ug/l	99
5) Bromomethane	2.79	94	105870	47.519	ug/l	98
6) Chloroethane	2.93	64	91224	51.967	ug/l	95
7) Trichlorofluoromethane	3.26	101	119030	52.163	ug/l	99
8) Diethyl Ether	3.68	74	54435	44.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	129786	54.272	ug/l	100
10) Methyl Iodide	4.27	142	209239	52.569	ug/l	100
11) Tert butyl alcohol	5.23	59	29545	196.785	ug/l	100
12) 1,1-Dichloroethene	4.03	96	120417	53.522	ug/l	92
13) Acrolein	3.90	56	31931	219.791	ug/l	94
14) Allyl chloride	4.67	41	160807	49.988	ug/l	99
15) Acrylonitrile	5.38	53	102091	234.703	ug/l	99
16) Acetone	4.15	43	107371	256.771	ug/l	99
17) Carbon Disulfide	4.37	76	332757	49.006	ug/l	99
18) Methyl Acetate	4.68	43	50141	44.632	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	166564	48.607	ug/l	97
20) Methylene Chloride	4.92	84	125395	53.190	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	132411	52.727	ug/l	98
22) Diisopropyl ether	6.32	45	322899	50.793	ug/l	99
23) Vinyl Acetate	6.26	43	890527	237.368	ug/l	100
24) 1,1-Dichloroethane	6.22	63	216146	52.693	ug/l	98
25) 2-Butanone	7.18	43	141404	234.470	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145841	50.410	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	145276	52.422	ug/l	100
28) Bromochloromethane	7.51	49	84337	53.256	ug/l	97
29) Tetrahydrofuran	7.54	42	82545	222.674	ug/l	99
30) Chloroform	7.68	83	234987	52.580	ug/l	100
31) Cyclohexane	7.96	56	204984	50.180	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	211385	52.434	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190360	55.000	ug/l	99
37) Ethyl Acetate	7.26	43	60872	47.337	ug/l	99
38) Carbon Tetrachloride	8.07	117	202162	53.282	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101918\
 Data File : VW006222.D
 Acq On : 19 Oct 2018 13:39
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 20 01:17:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	256586	55.770	ug/l	99
40) Benzene	8.33	78	516108	54.361	ug/l	99
41) Methacrylonitrile	7.49	41	34223	44.147	ug/l	90
42) 1,2-Dichloroethane	8.40	62	145113	52.024	ug/l	100
43) Isopropyl Acetate	8.43	43	120626	45.878	ug/l	99
44) Trichloroethene	9.09	130	159404	54.726	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119092	52.420	ug/l	98
46) Dibromomethane	9.46	93	66288	51.193	ug/l	99
47) Bromodichloromethane	9.65	83	161135	51.328	ug/l	97
48) Methyl methacrylate	9.44	41	59759	47.949	ug/l	98
49) 1,4-Dioxane	9.48	88	20002	1003.418	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	309506	234.943	ug/l	99
52) Toluene	10.39	92	345195	54.233	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	155777	49.804	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	184451	51.383	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	92480	51.037	ug/l	97
56) Ethyl methacrylate	10.65	69	110167	49.594	ug/l	96
57) 1,3-Dichloropropane	10.94	76	155336	51.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	197846	233.086	ug/l	100
59) 2-Hexanone	10.98	43	226009	240.337	ug/l	98
60) Dibromochloromethane	11.13	129	112170	49.698	ug/l	100
61) 1,2-Dibromoethane	11.24	107	92498	51.089	ug/l	100
64) Tetrachloroethene	10.87	164	143486	53.983	ug/l	98
65) Chlorobenzene	11.66	112	395709	53.988	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	137523	52.796	ug/l	99
67) Ethyl Benzene	11.74	91	697818	54.936	ug/l	100
68) m/p-Xylenes	11.85	106	552880	110.122	ug/l	100
69) o-Xylene	12.17	106	261887	54.733	ug/l	100
70) Styrene	12.19	104	424432	54.549	ug/l	99
71) Bromoform	12.35	173	66674	45.891	ug/l #	99
73) Isopropylbenzene	12.47	105	753406	55.321	ug/l	100
74) N-amyl acetate	12.28	43	123330	46.625	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	102566	49.516	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	133776	90.855	ug/l #	100
77) Bromobenzene	12.76	156	177690	53.269	ug/l	98
78) n-propylbenzene	12.81	91	874262	55.178	ug/l	100
79) 2-Chlorotoluene	12.90	91	488630	54.888	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	626498	54.568	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26355	42.786	ug/l	92
82) 4-Chlorotoluene	12.99	91	504979	54.150	ug/l	99
83) tert-Butylbenzene	13.21	119	565934	55.094	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	636739	54.807	ug/l	99
85) sec-Butylbenzene	13.39	105	810812	55.873	ug/l	100
86) p-Isopropyltoluene	13.51	119	733496	55.882	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	360282	54.271	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	353309	53.452	ug/l	99
89) n-Butylbenzene	13.83	91	677768	56.461	ug/l	99
90) Hexachloroethane	14.10	117	113658	51.121	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	314707	53.145	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16611	44.790	ug/l	99

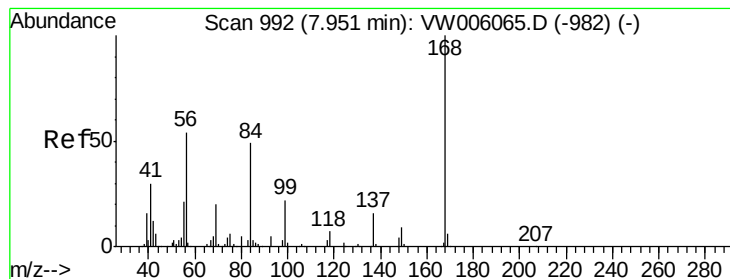
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101918\
Data File : VW006222.D
Acq On : 19 Oct 2018 13:39
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Oct 20 01:17:32 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	242663	53.258	ug/l	99
94) Hexachlorobutadiene	15.25	225	158507	55.378	ug/l	99
95) Naphthalene	15.38	128	376865	49.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205769	52.212	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

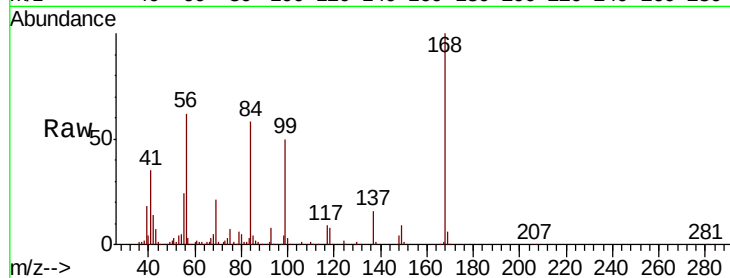
VSTDCCC050

Tot Ion:168 Resp: 269270

Ion Ratio Lower Upper

168 100

99 49.8 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

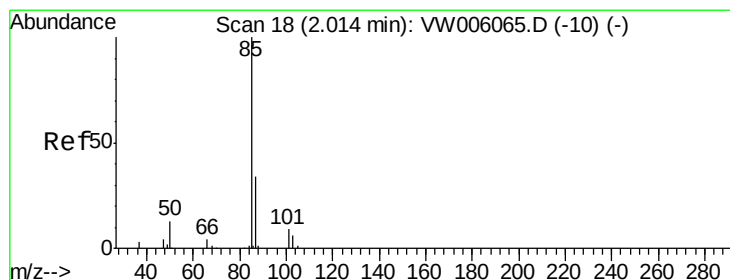
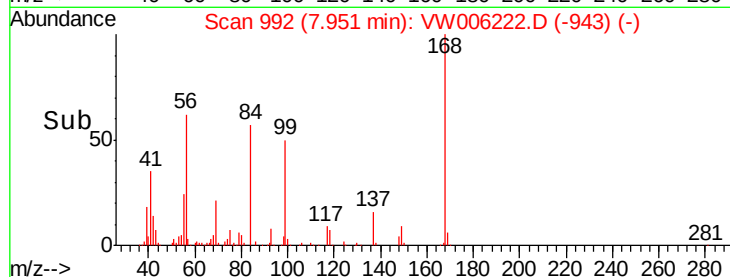
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 53.110 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006222.D

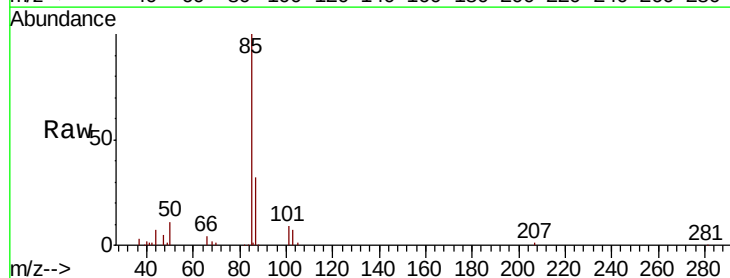
Acq: 19 Oct 2018 13:39

Tgt Ion: 85 Resp: 70769

Ion Ratio Lower Upper

85 100

87 31.8 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

20000

15000

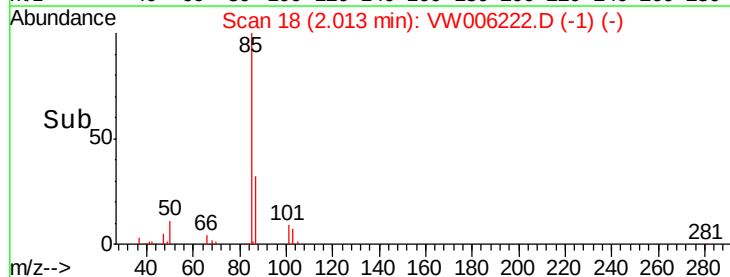
10000

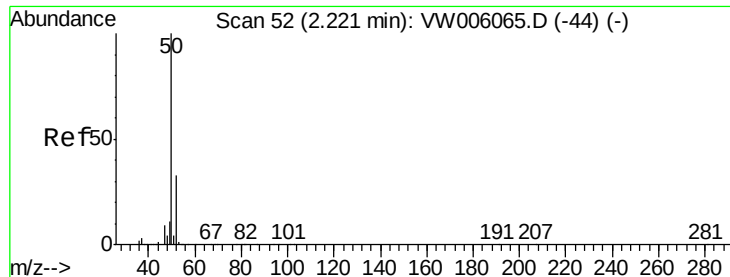
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 46.909 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

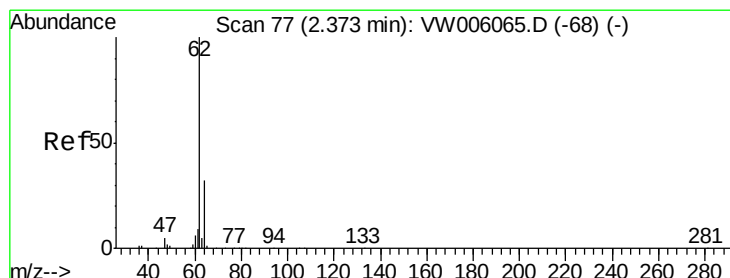
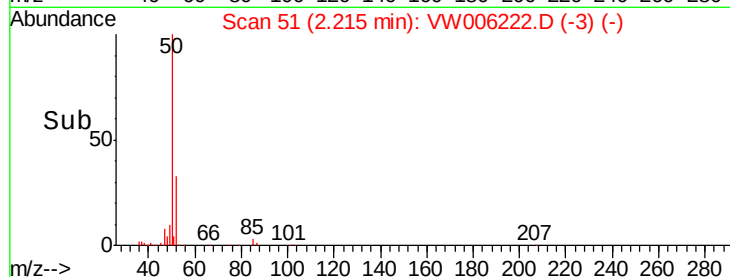
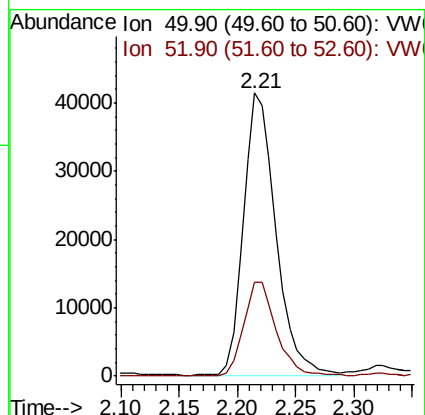
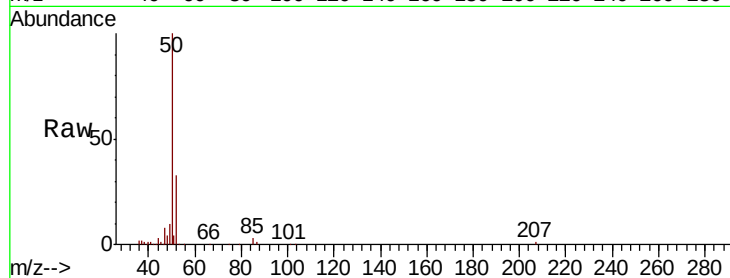
VSTDCCC050

Tot Ion: 50 Resp: 80460

Ion Ratio Lower Upper

50 100

52 33.1 26.8 40.2



#4

Vinyl Chloride

Concen: 51.893 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006222.D

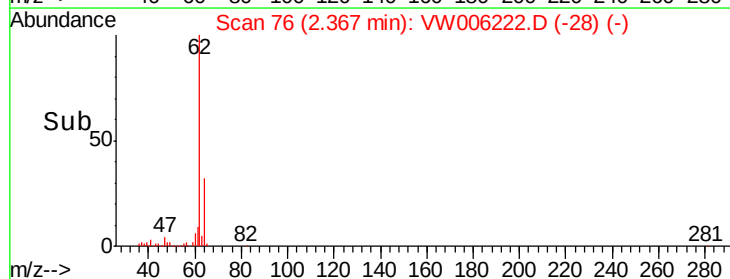
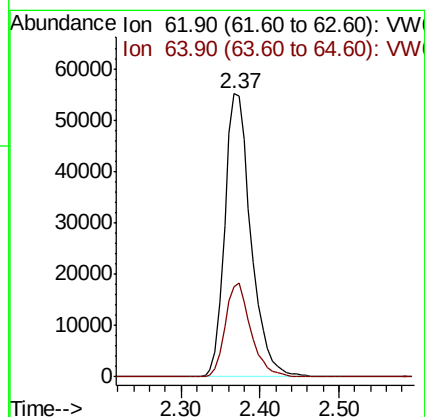
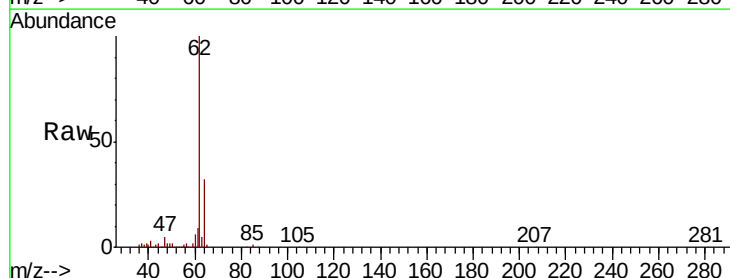
Acq: 19 Oct 2018 13:39

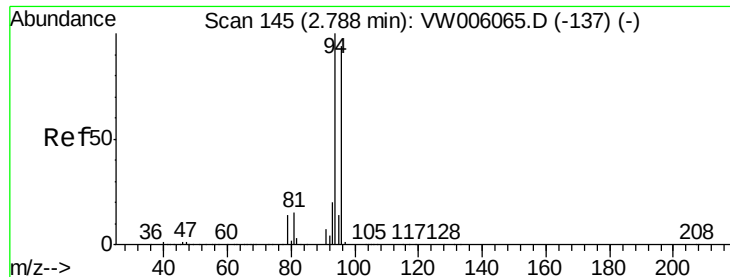
Tgt Ion: 62 Resp: 127113

Ion Ratio Lower Upper

62 100

64 31.9 25.9 38.9





#5

Bromomethane

Concen: 47.519 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

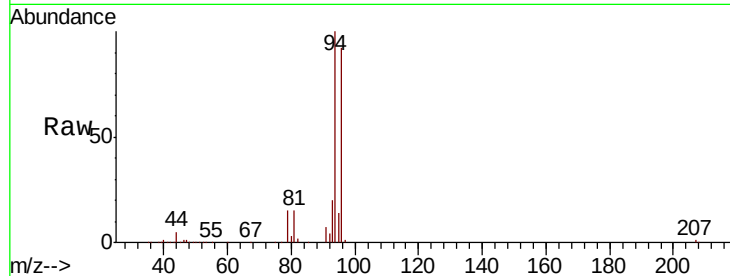
VSTDCCC050

Tot Ion: 94 Resp: 105870

Ion Ratio Lower Upper

94 100

96 91.9 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.79

50000

40000

30000

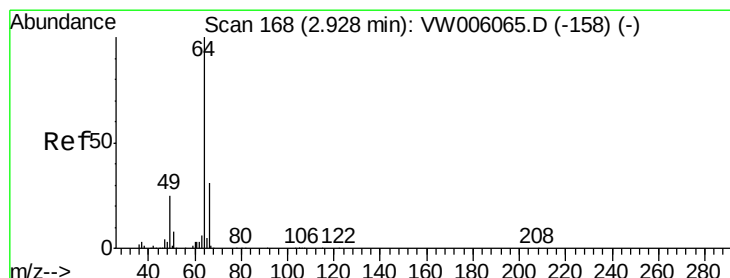
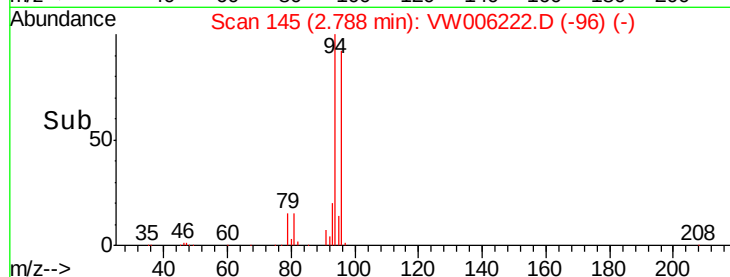
20000

10000

0

Time-->

2.70 2.80 2.90



#6

Chloroethane

Concen: 51.967 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006222.D

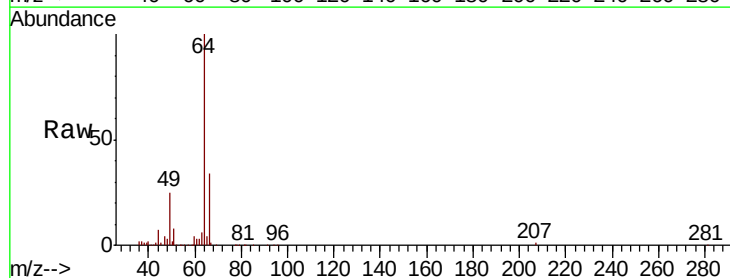
Acq: 19 Oct 2018 13:39

Tgt Ion: 64 Resp: 91224

Ion Ratio Lower Upper

64 100

66 33.6 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.93

30000

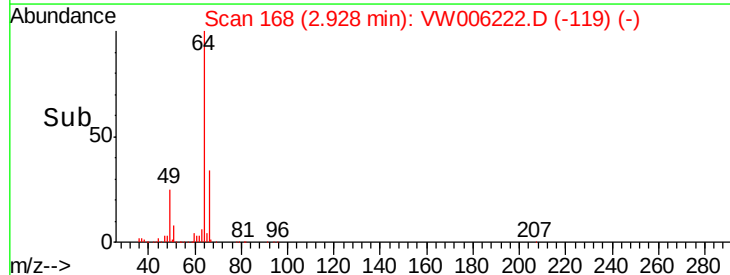
20000

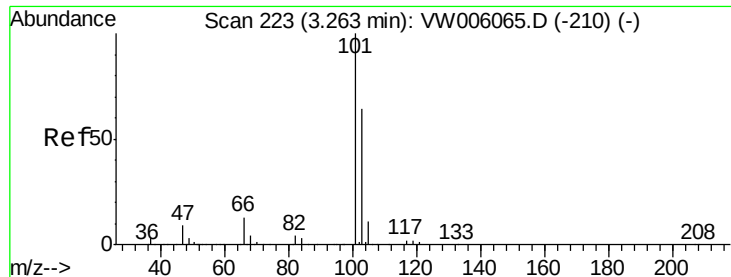
10000

0

Time-->

2.80 2.90 3.00 3.10



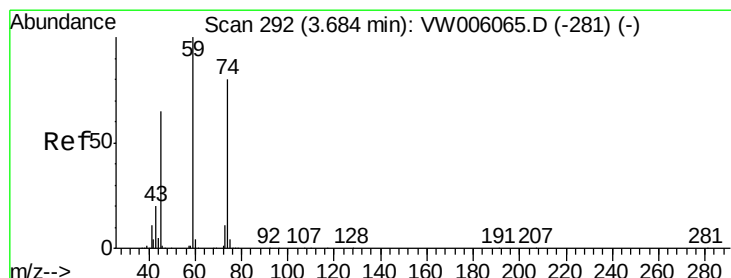
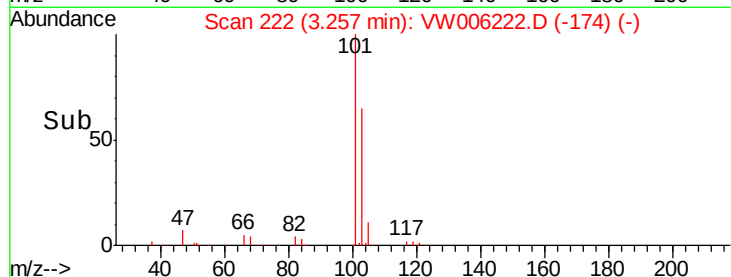
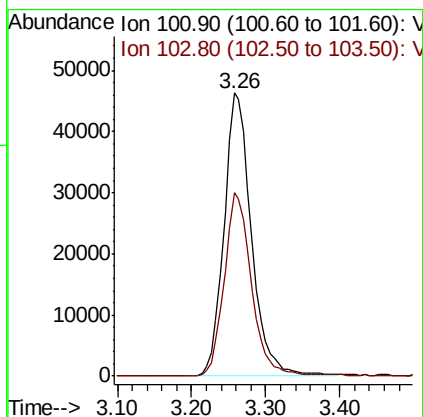
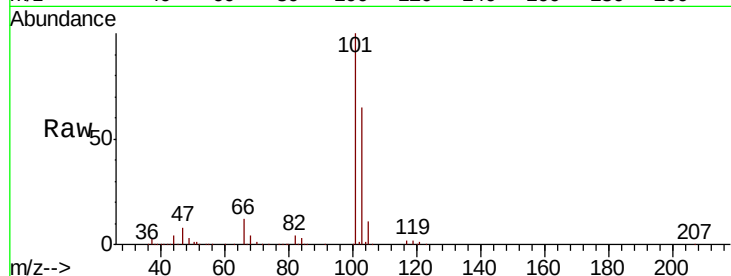


#7

Trichlorofluoromethane
Concen: 52.163 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

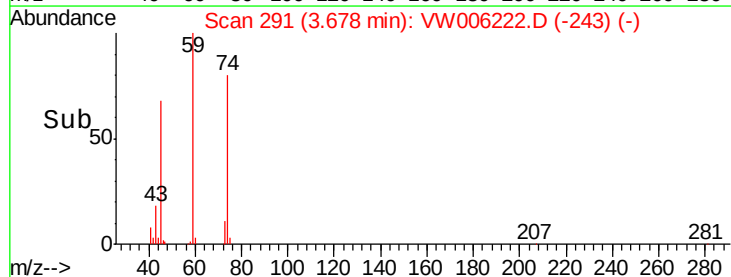
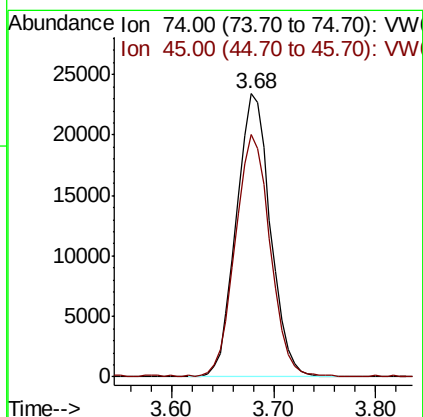
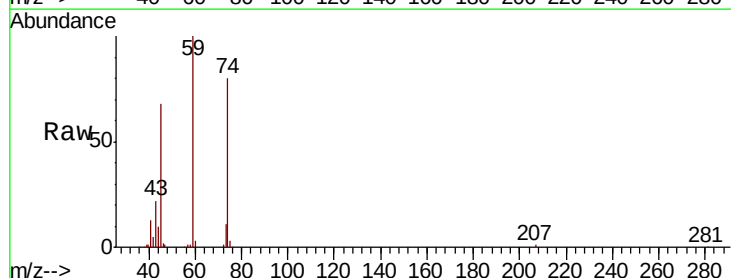
Tot Ion:101 Resp: 119030
Ion Ratio Lower Upper
101 100
103 65.0 51.2 76.8

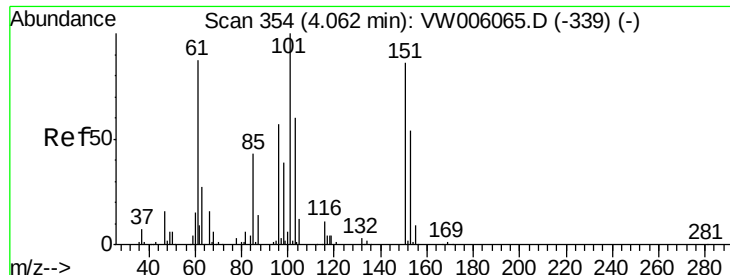


#8

Diethyl Ether
Concen: 44.886 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 74 Resp: 54435
Ion Ratio Lower Upper
74 100
45 87.4 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.272 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

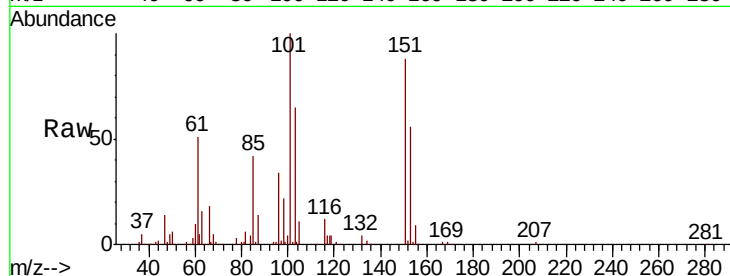
Tot Ion:101 Resp: 129786

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

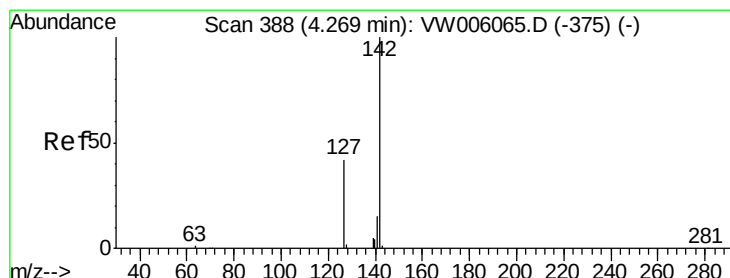
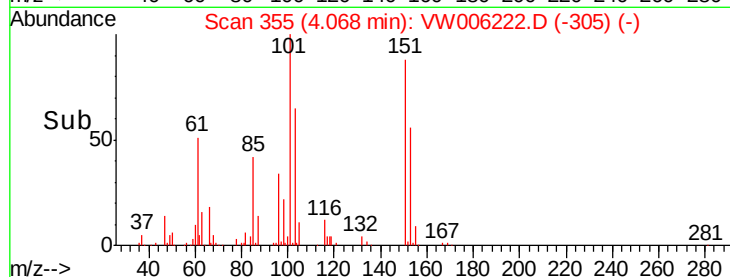
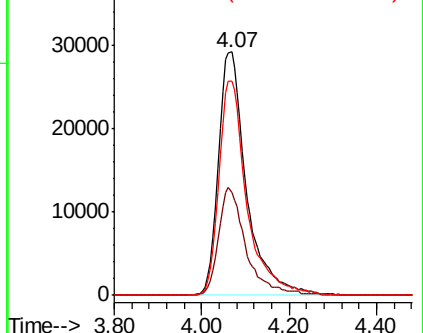
151 87.7 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.569 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

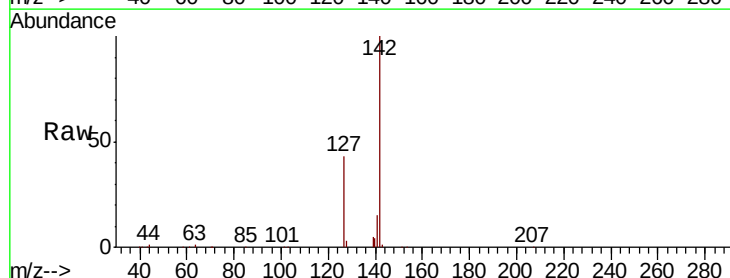
Tgt Ion:142 Resp: 209239

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

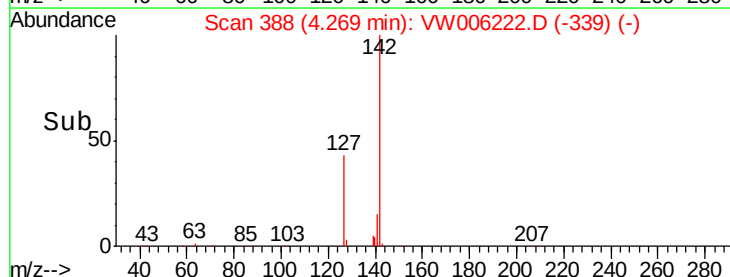
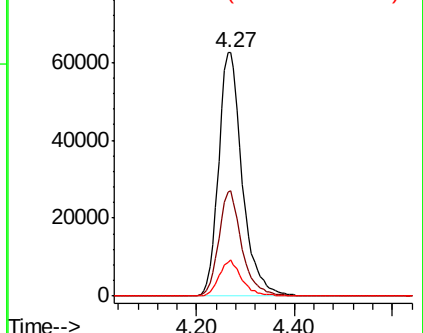
141 14.1 11.6 17.4

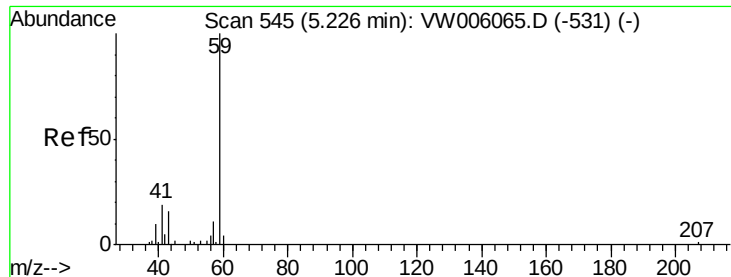


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



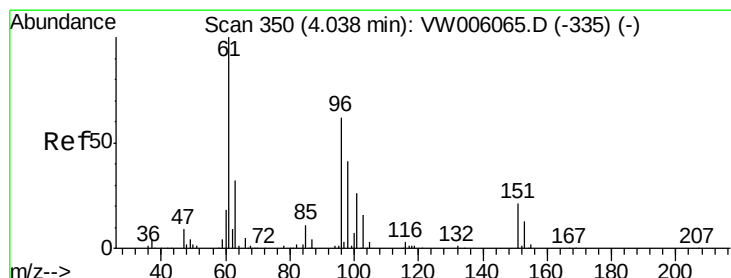
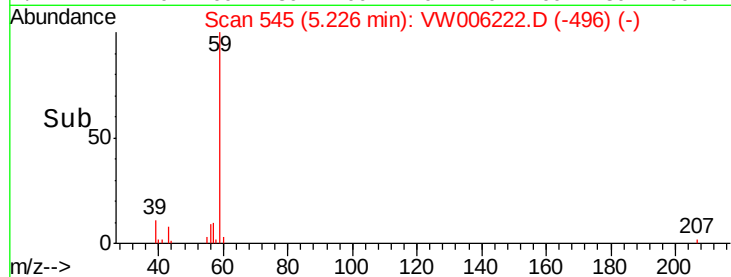
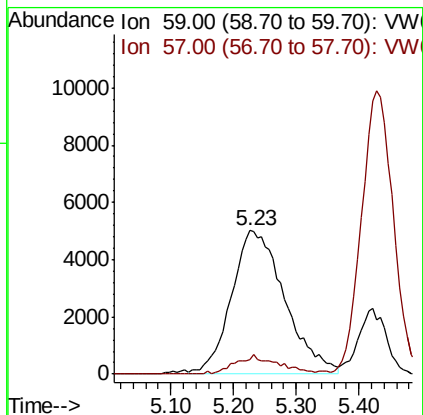
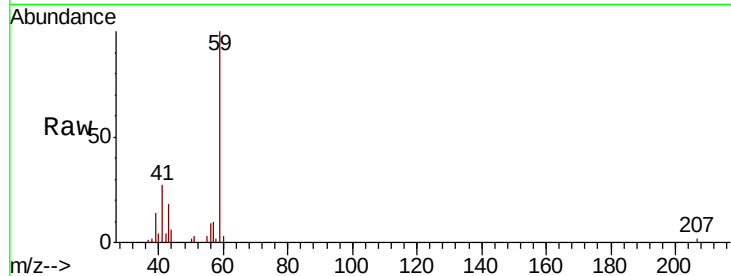


#11

Tert butyl alcohol
 Concen: 196.785 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

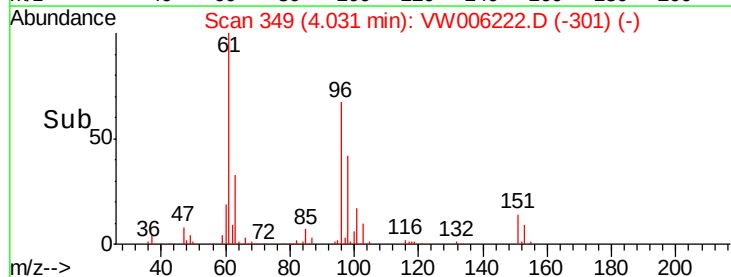
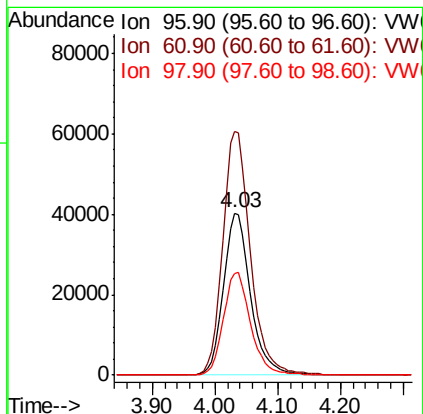
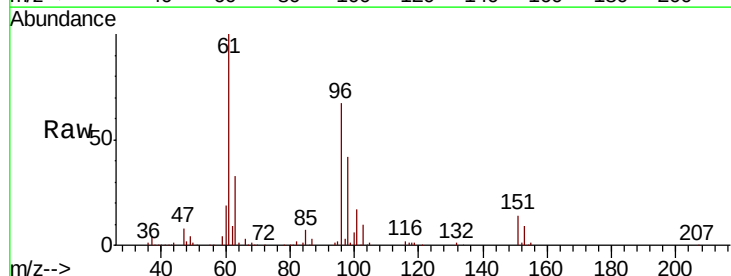
Tot Ion: 59 Resp: 29545
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.7 13.1

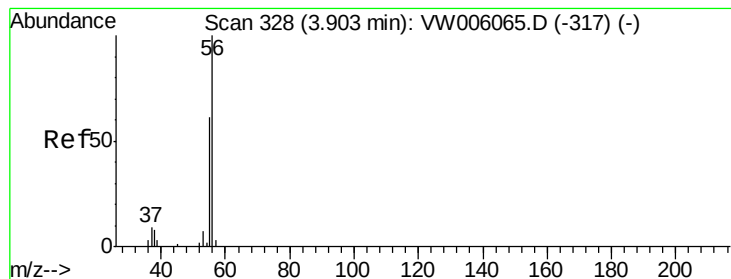


#12

1,1-Dichloroethene
 Concen: 53.522 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 96 Resp: 120417
 Ion Ratio Lower Upper
 96 100
 61 150.1 129.3 193.9
 98 62.5 53.1 79.7





#13

Acrolein

Concen: 219.791 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

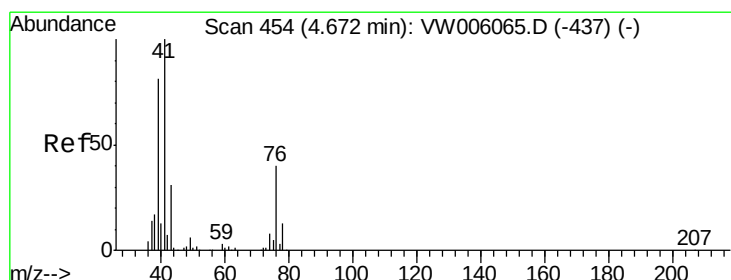
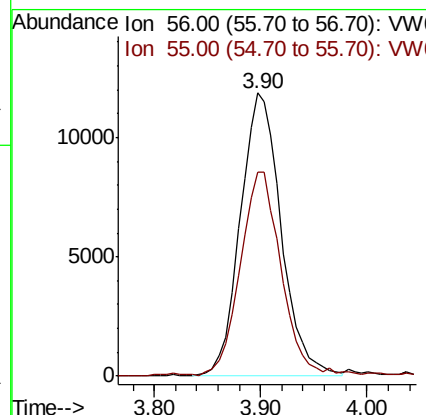
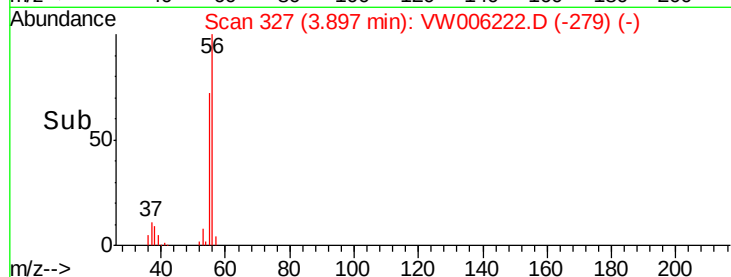
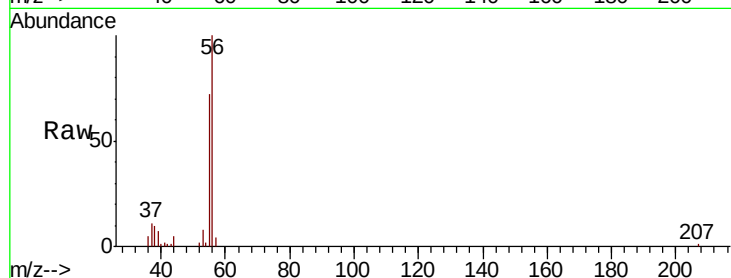
VSTDCCC050

Tot Ion: 56 Resp: 31931

Ion Ratio Lower Upper

56 100

55 72.6 54.5 81.7



#14

Allyl chloride

Concen: 49.988 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

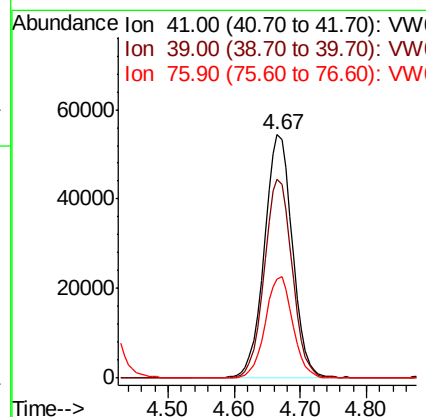
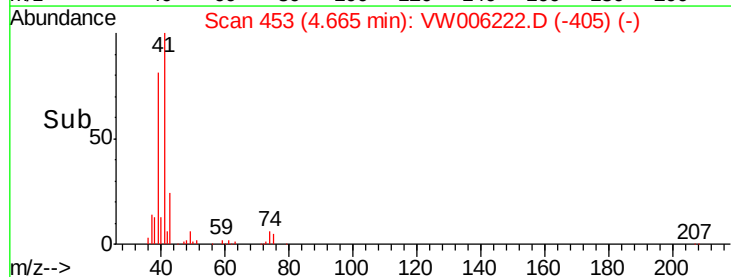
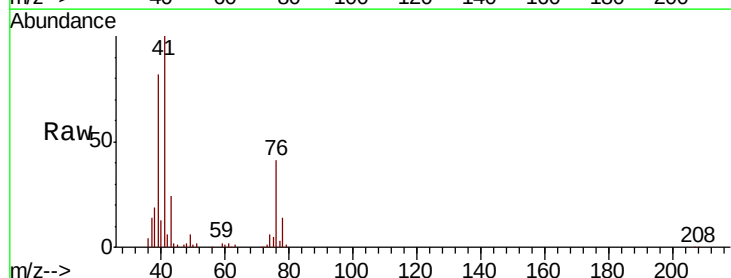
Tgt Ion: 41 Resp: 160807

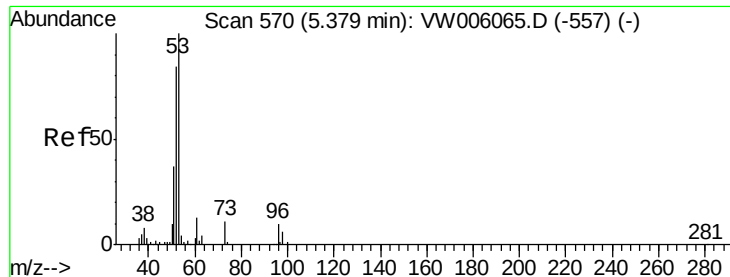
Ion Ratio Lower Upper

41 100

39 81.0 64.1 96.1

76 40.6 32.2 48.4





#15

Acrylonitrile

Concen: 234.703 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

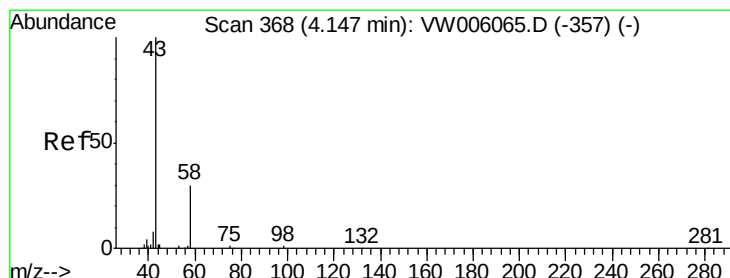
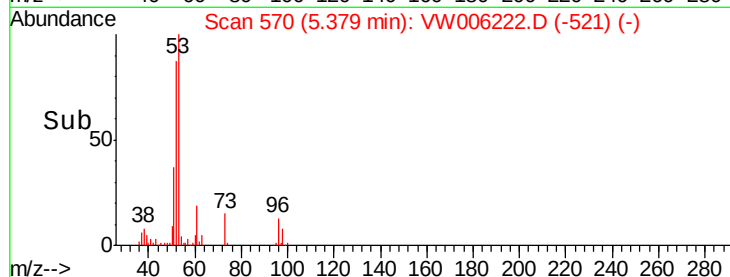
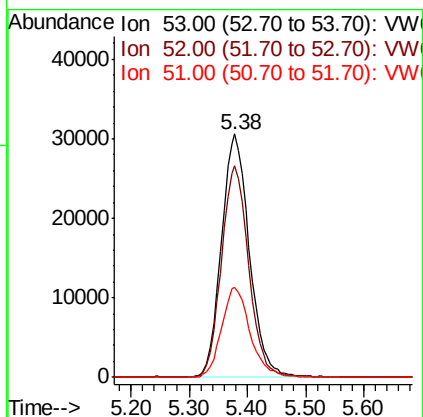
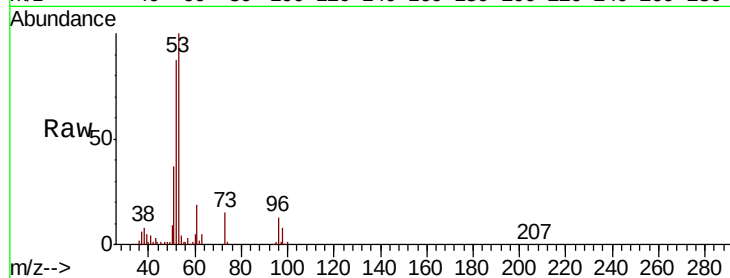
Tot Ion: 53 Resp: 102091

Ion Ratio Lower Upper

53 100

52 84.6 66.9 100.3

51 37.8 30.1 45.1



#16

Acetone

Concen: 256.771 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006222.D

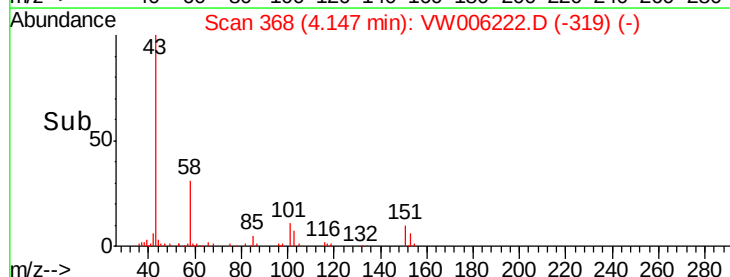
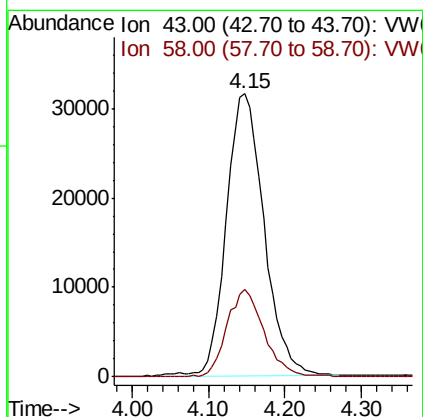
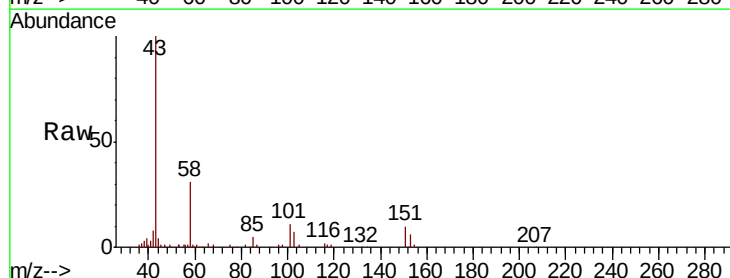
Acq: 19 Oct 2018 13:39

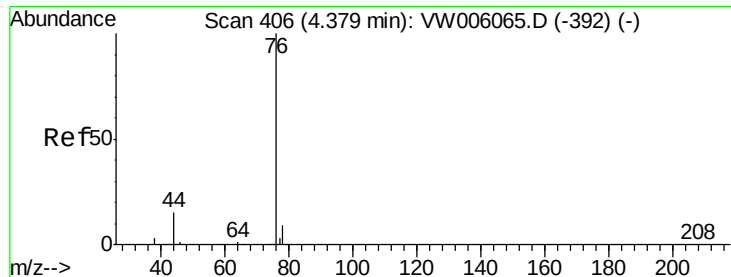
Tgt Ion: 43 Resp: 107371

Ion Ratio Lower Upper

43 100

58 30.8 24.0 36.0

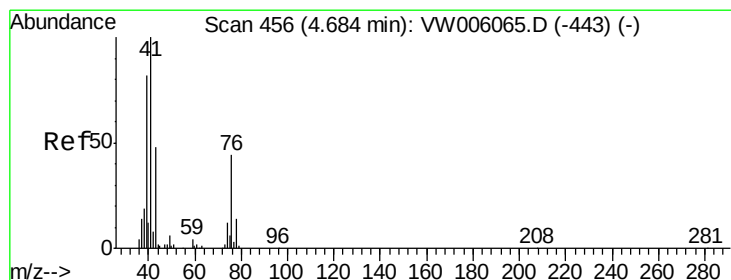
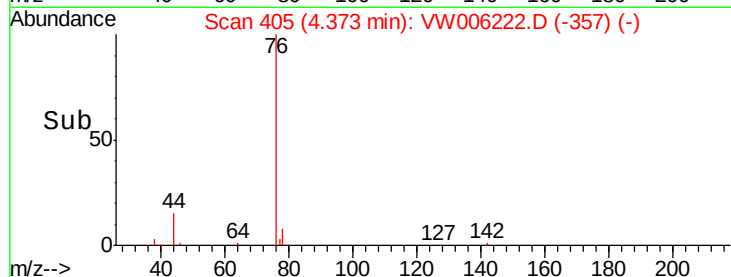
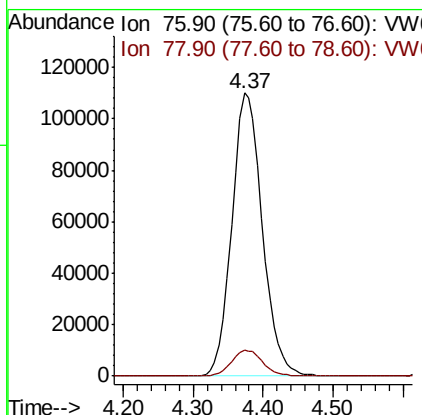
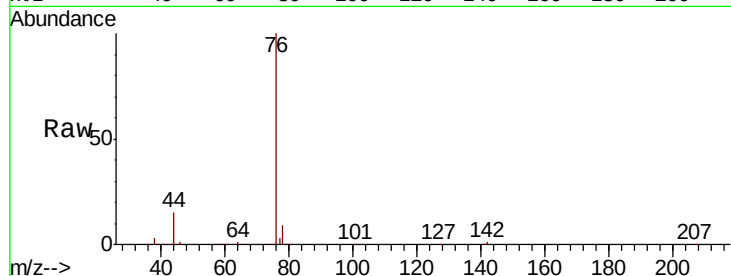




#17
Carbon Disulfide
Concen: 49.006 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

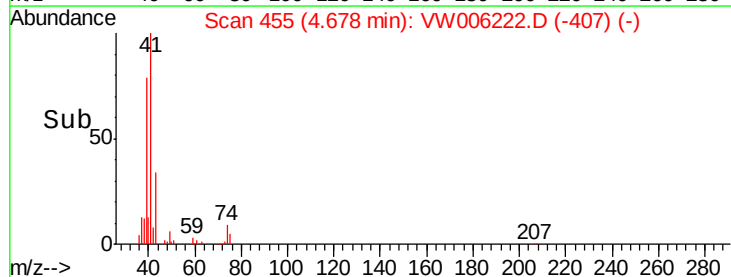
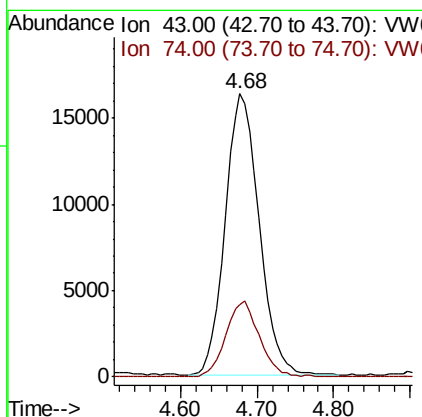
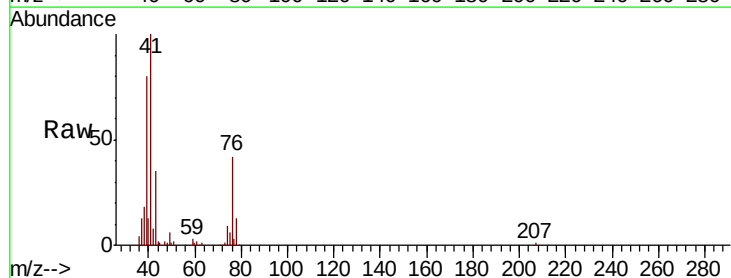
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

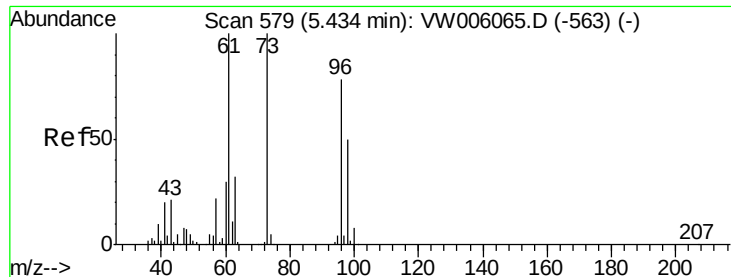
Tot Ion: 76 Resp: 332757
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 44.632 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 43 Resp: 50141
Ion Ratio Lower Upper
43 100
74 26.2 20.5 30.7

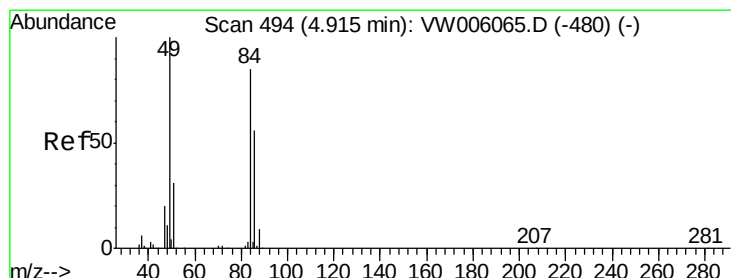
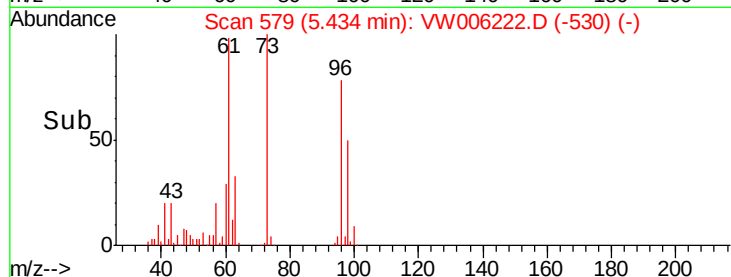
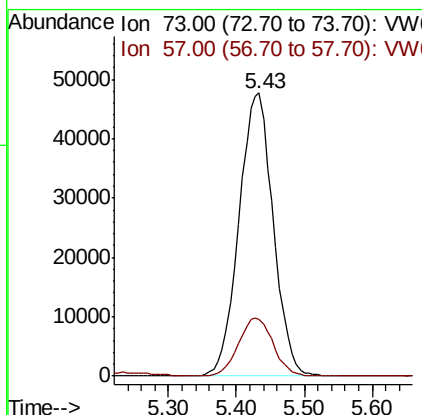
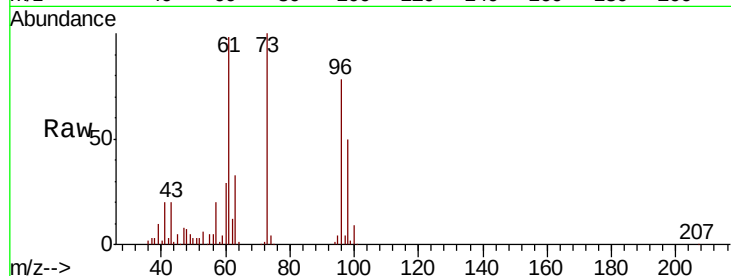




#19
Methyl tert-butyl Ether
Concen: 48.607 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

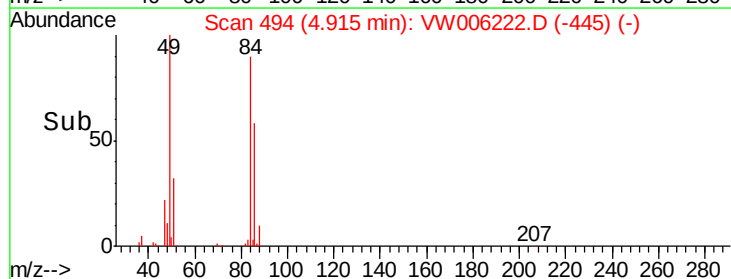
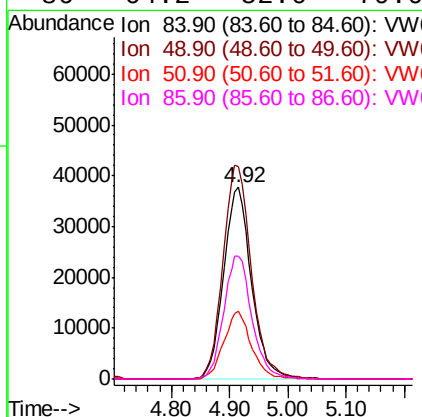
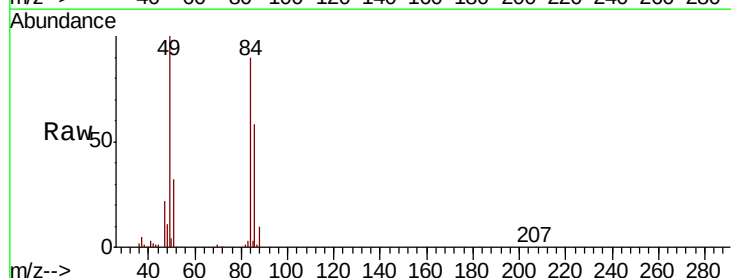
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

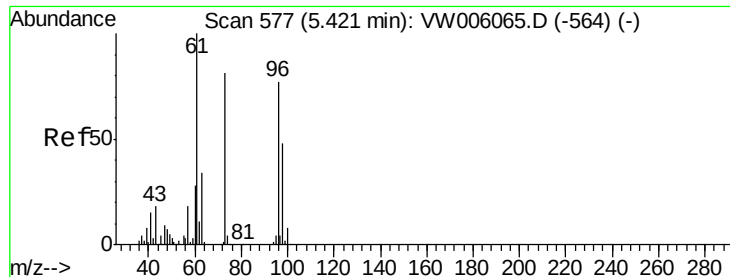
Tot Ion: 73 Resp: 166564
Ion Ratio Lower Upper
73 100
57 20.3 17.4 26.2



#20
Methylene Chloride
Concen: 53.190 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 84 Resp: 125395
Ion Ratio Lower Upper
84 100
49 111.3 93.6 140.4
51 35.3 29.0 43.4
86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 52.727 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

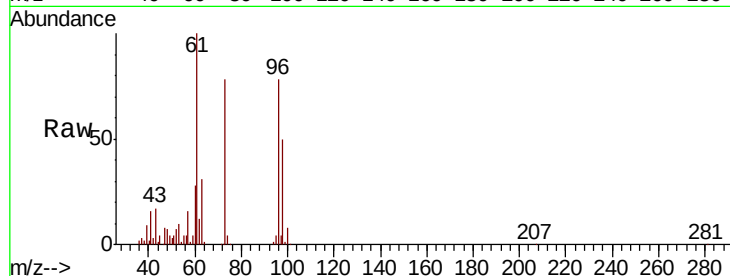
Tot Ion: 96 Resp: 132411

Ion Ratio Lower Upper

96 100

61 128.7 104.5 156.7

98 64.5 50.6 75.8

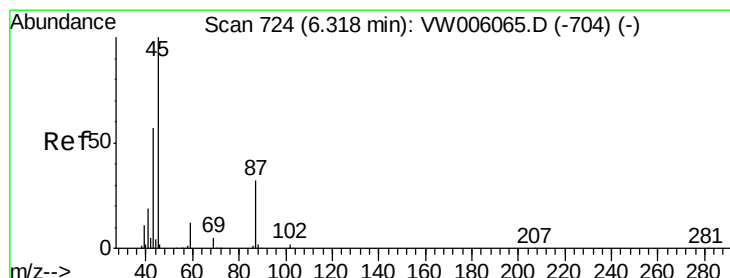
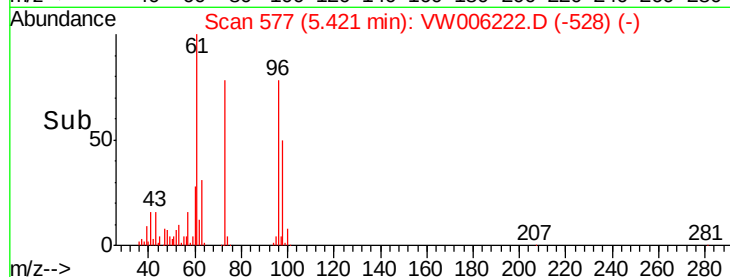
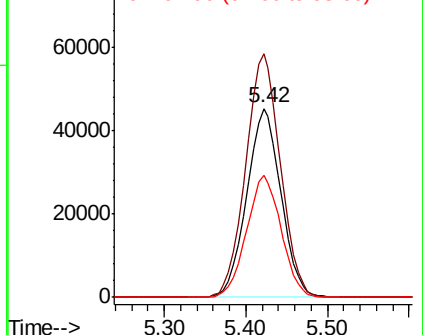


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.793 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion: 45 Resp: 322899

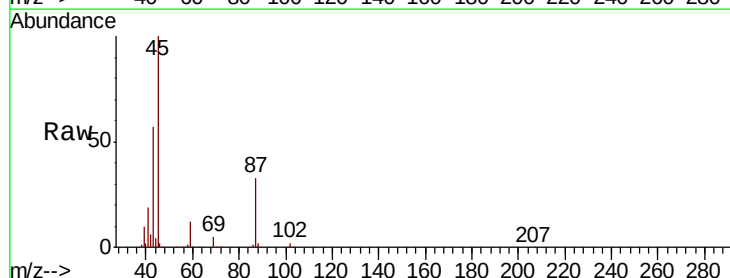
Ion Ratio Lower Upper

45 100

43 56.2 45.7 68.5

87 32.5 25.9 38.9

59 12.0 9.6 14.4



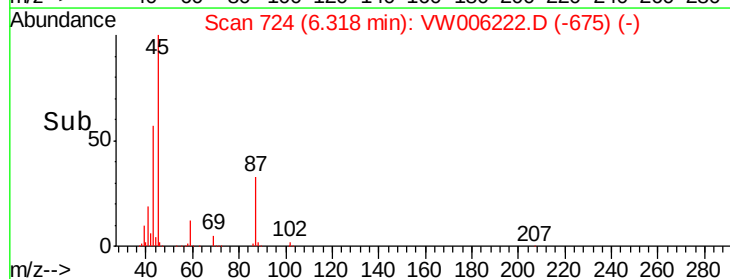
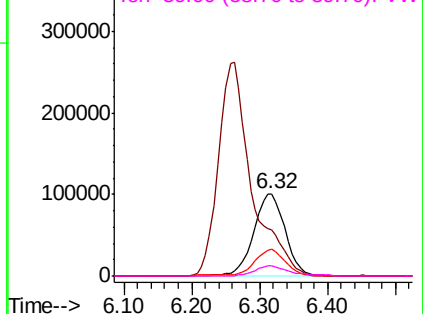
Abundance

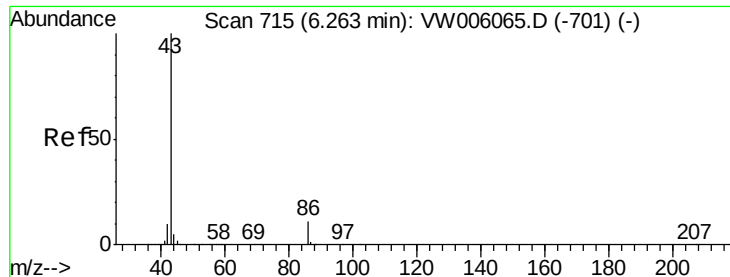
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 237.368 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

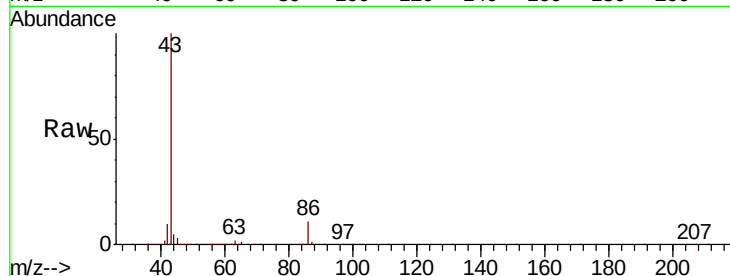
VSTDCCC050

Tot Ion: 43 Resp: 890527

Ion Ratio Lower Upper

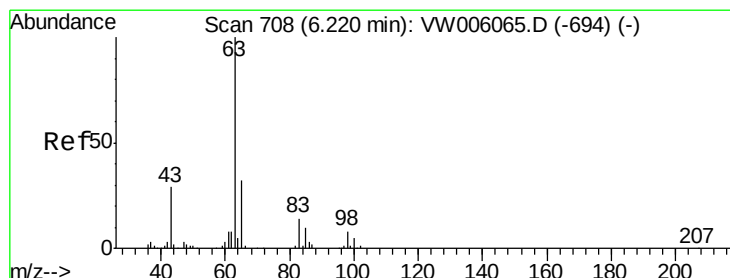
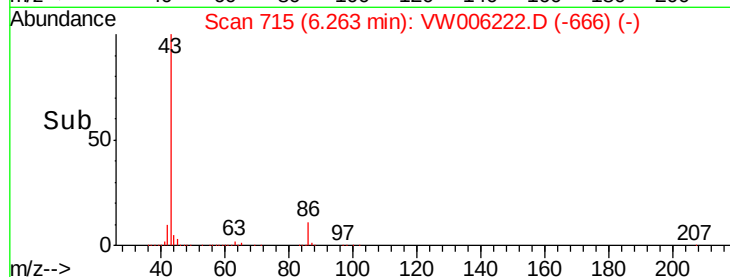
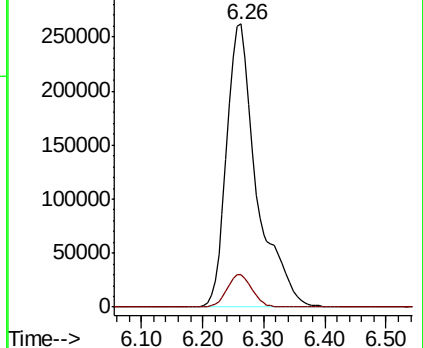
43 100

86 11.5 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: 52.693 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

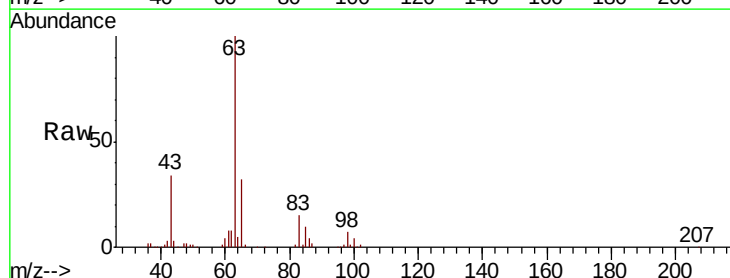
Tgt Ion: 63 Resp: 216146

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

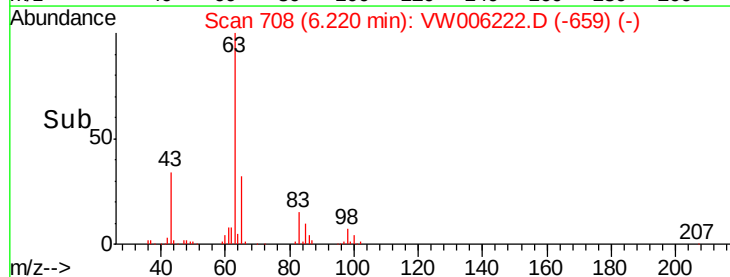
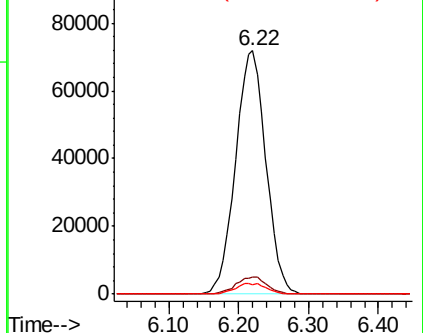
100 4.0 2.5 7.5

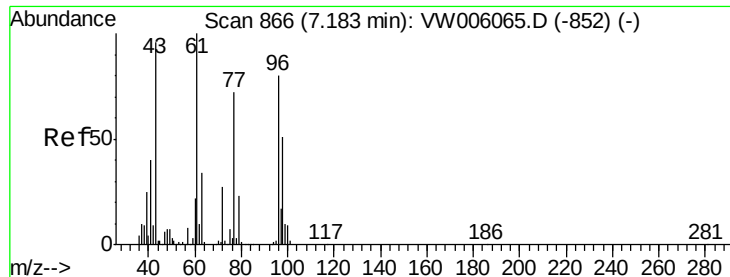


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 234.470 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

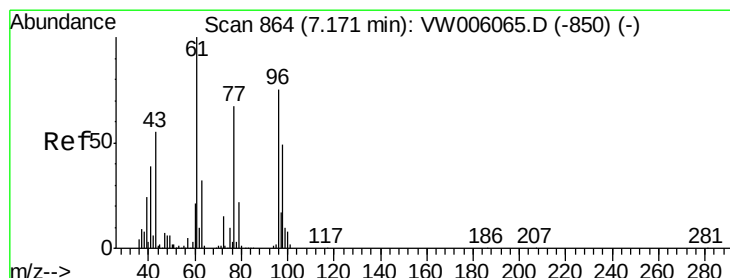
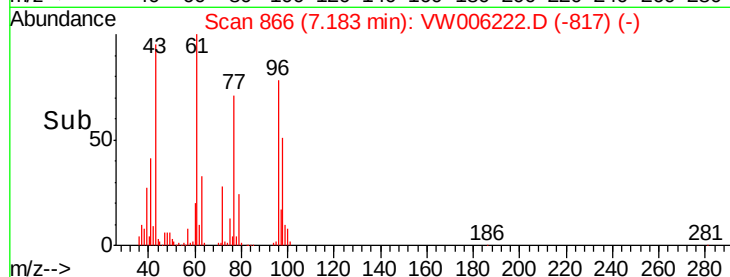
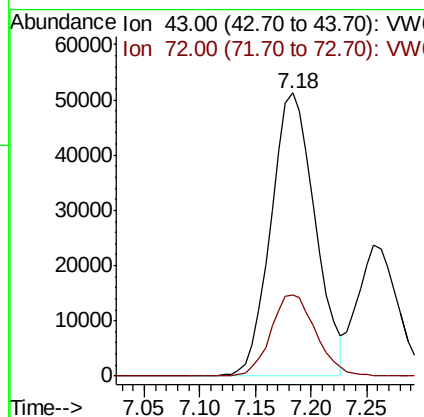
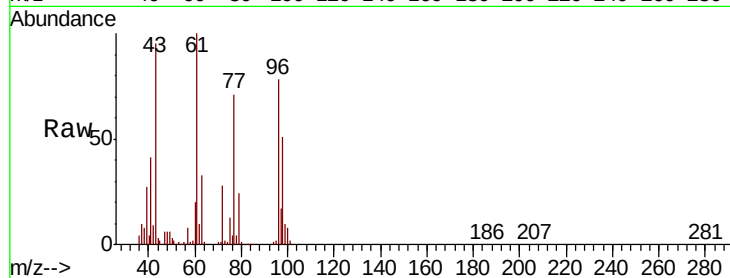
VSTDCCC050

Tot Ion: 43 Resp: 141404

Ion Ratio Lower Upper

43 100

72 28.8 22.8 34.2



#26

2,2-Dichloropropane

Concen: 50.410 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006222.D

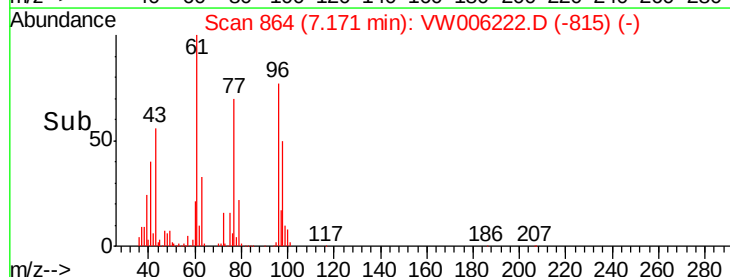
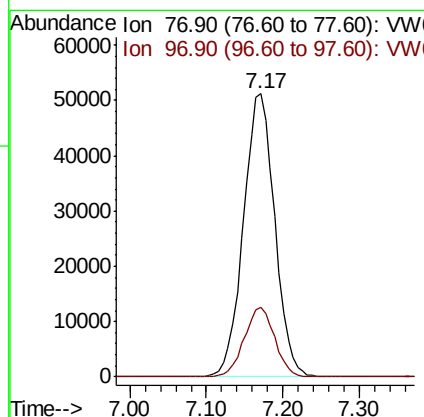
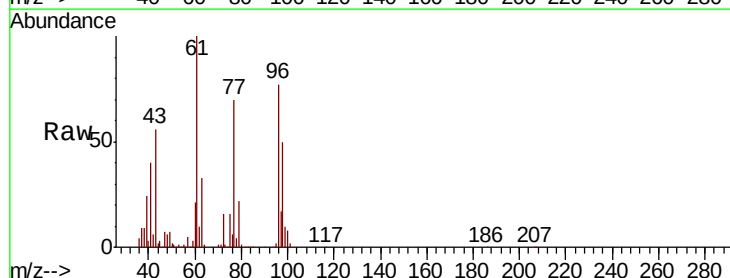
Acq: 19 Oct 2018 13:39

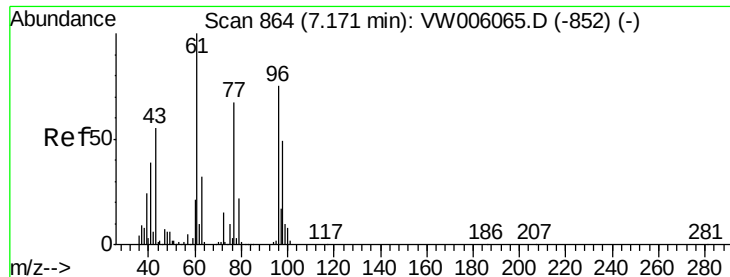
Tgt Ion: 77 Resp: 145841

Ion Ratio Lower Upper

77 100

97 23.8 12.2 36.4



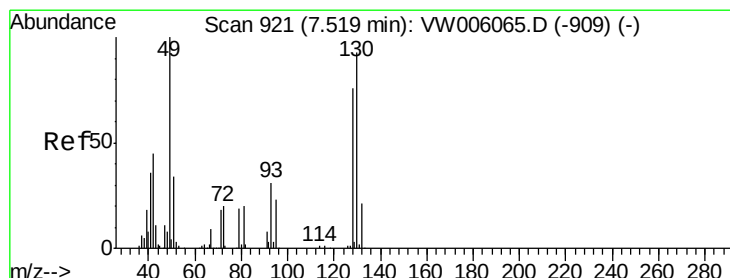
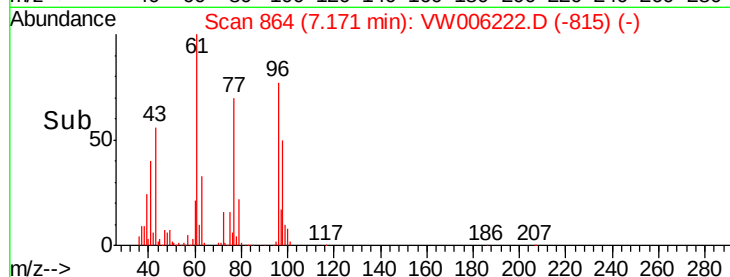
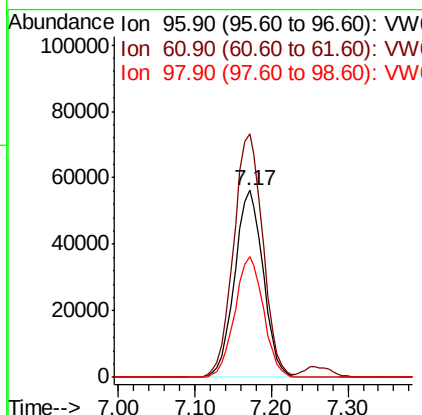
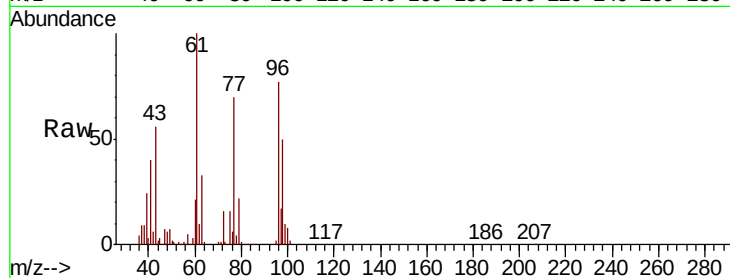


#27

cis-1,2-Dichloroethene
 Concen: 52.422 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

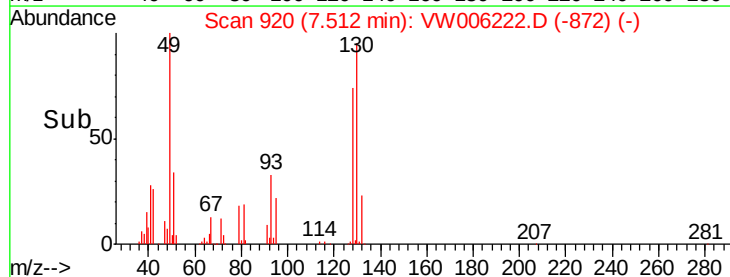
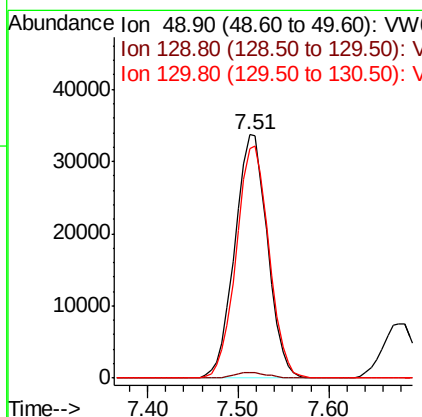
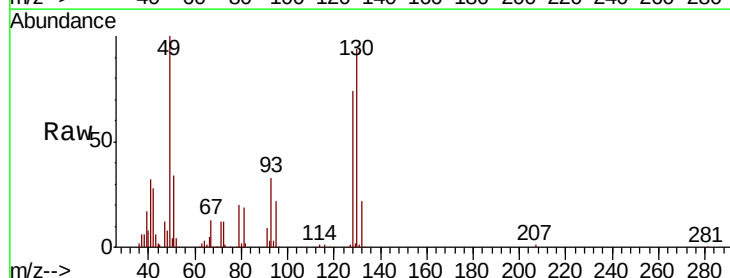
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	0.0	267.2
98	64.7	0.0	128.6

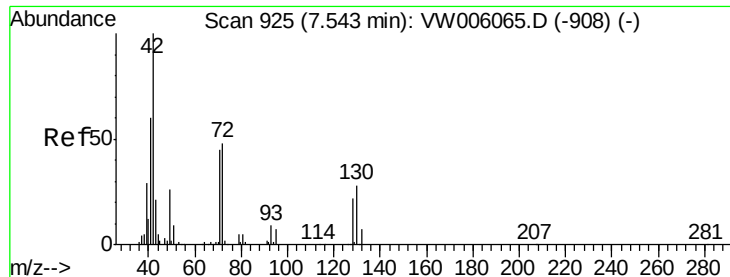


#28

Bromochloromethane
 Concen: 53.256 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	95.1	73.8	110.8





#29

Tetrahydrofuran

Concen: 222.674 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

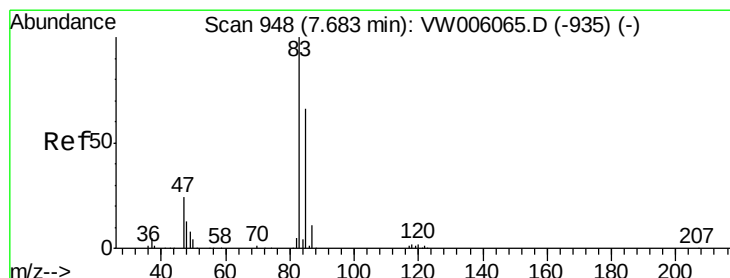
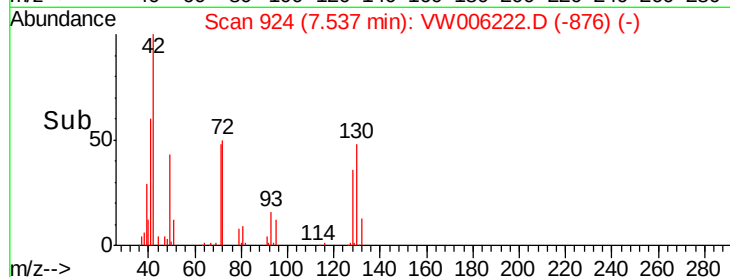
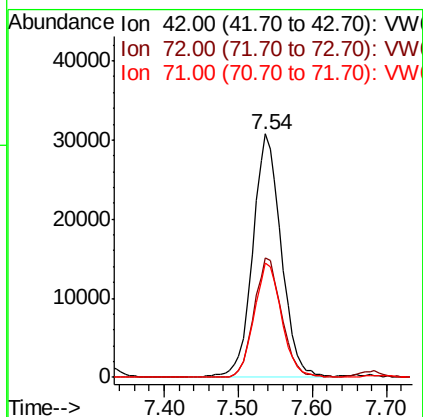
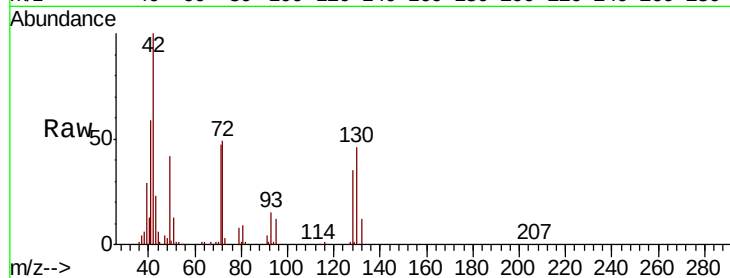
Tot Ion: 42 Resp: 82545

Ion Ratio Lower Upper

42 100

72 47.4 38.0 57.0

71 45.3 35.3 52.9



#30

Chloroform

Concen: 52.580 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006222.D

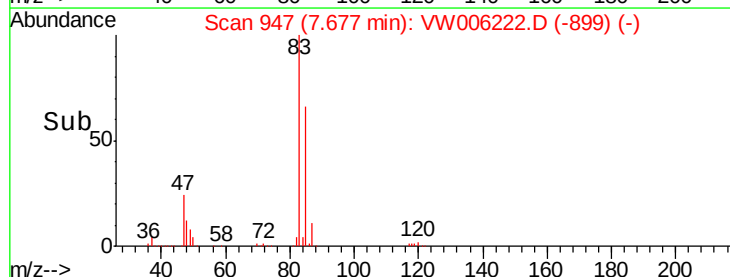
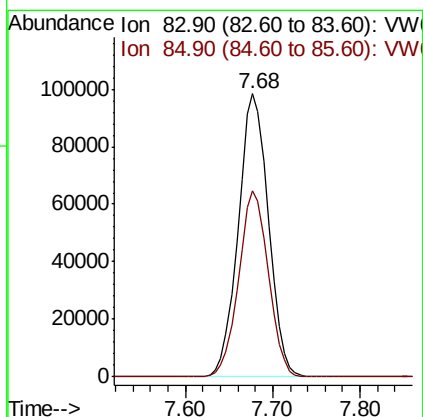
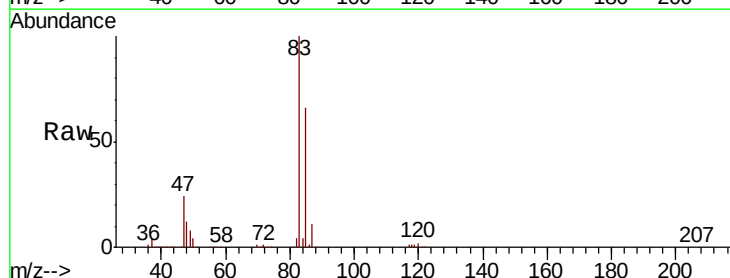
Acq: 19 Oct 2018 13:39

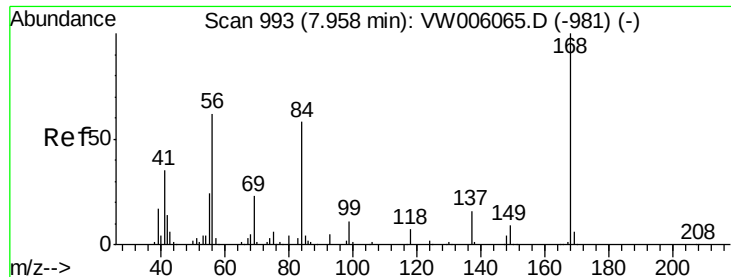
Tgt Ion: 83 Resp: 234987

Ion Ratio Lower Upper

83 100

85 65.6 52.6 79.0

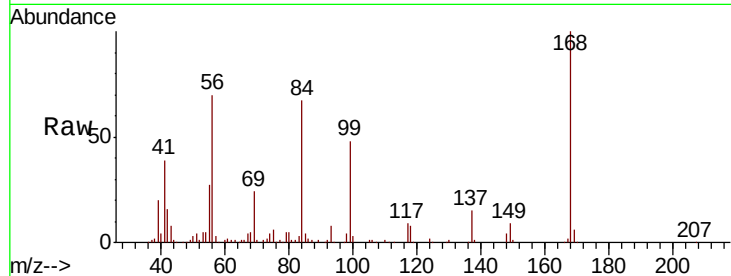




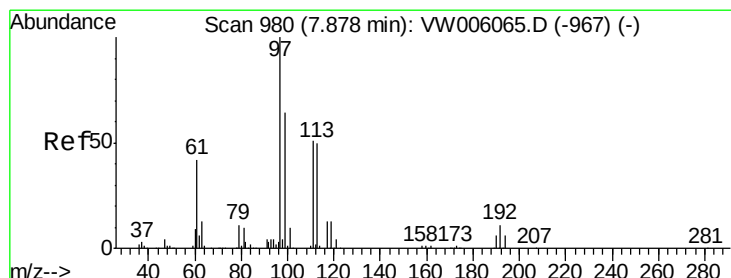
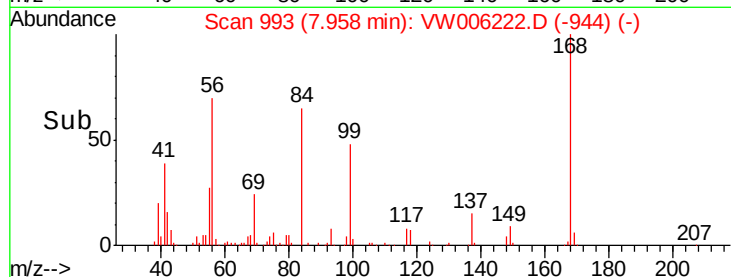
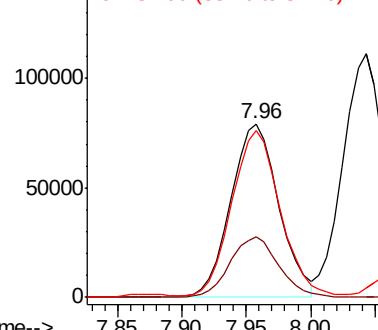
#31
Cyclohexane
Concen: 50.180 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.9	29.4	44.0
84	94.9	74.0	111.0

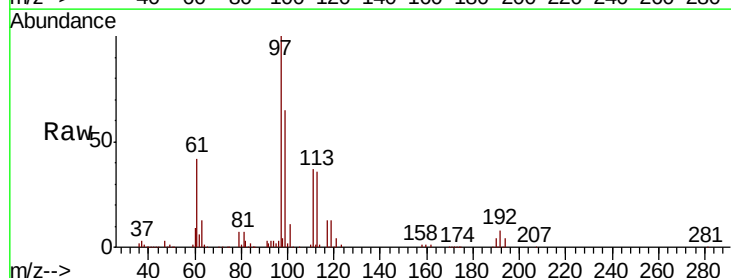


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

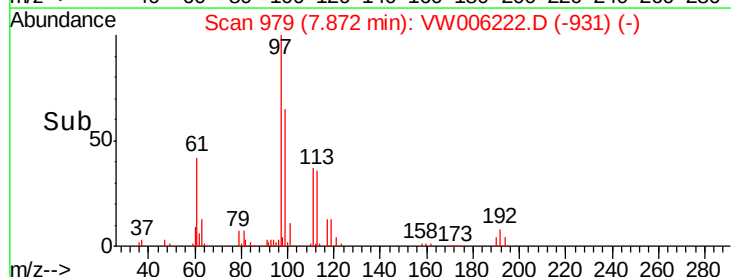
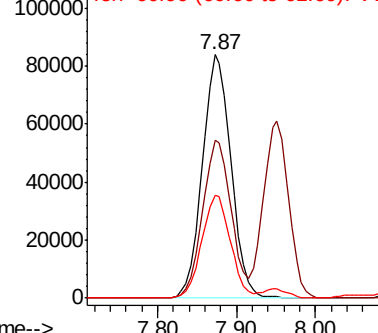


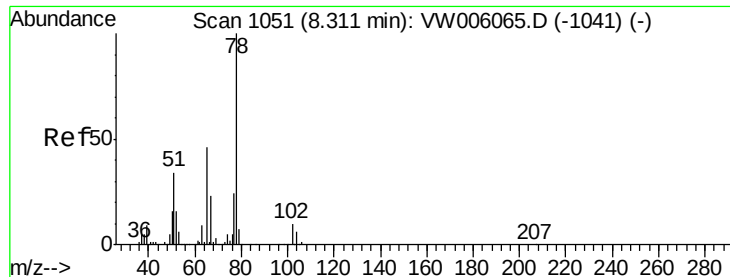
#32
1,1,1-Trichloroethane
Concen: 52.434 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	42.2	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

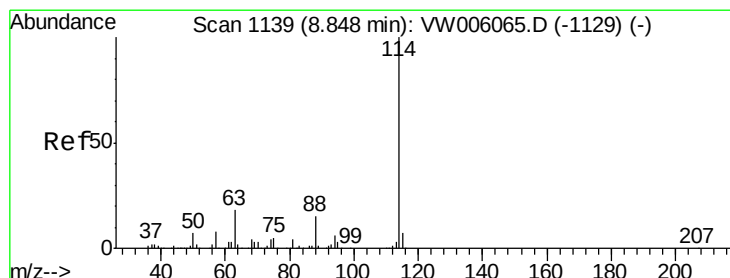
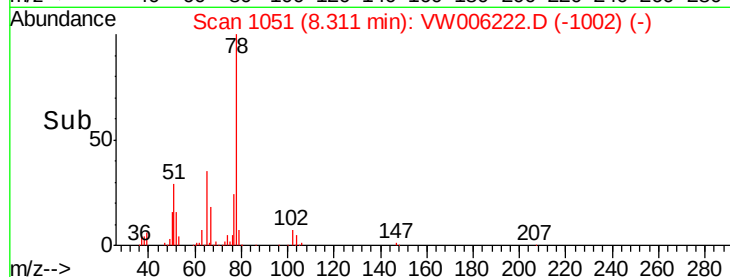
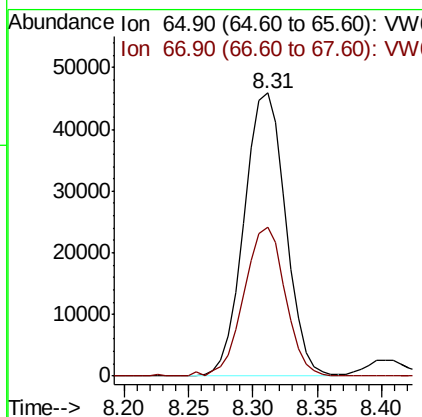
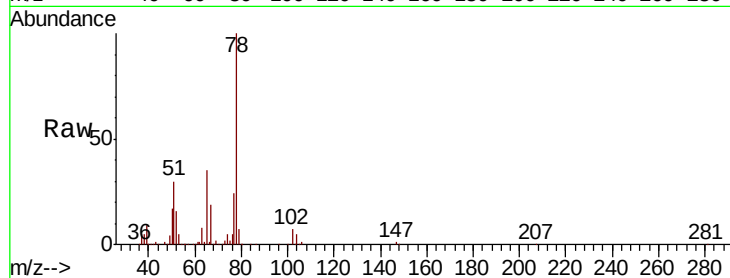




#33
 1,2-Dichloroethane-d4
 Concen: 45.836 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

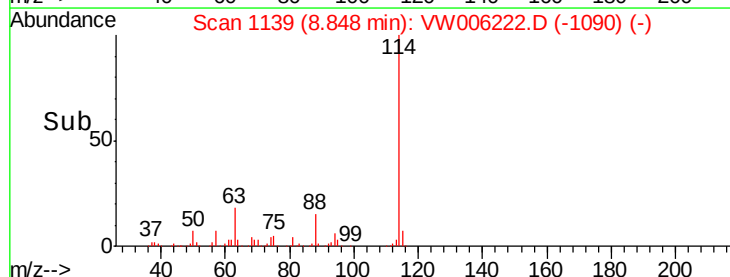
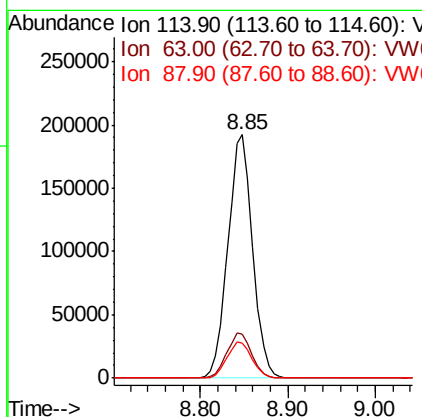
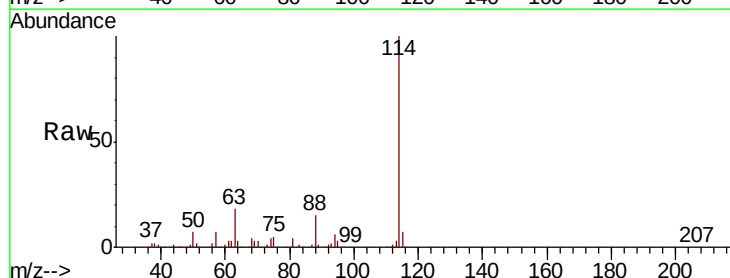
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

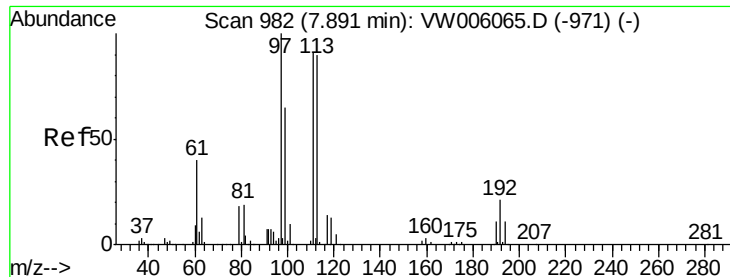
Tot Ion: 65 Resp: 102324
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 114 Resp: 375505
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.8
 88 14.6 0.0 29.0

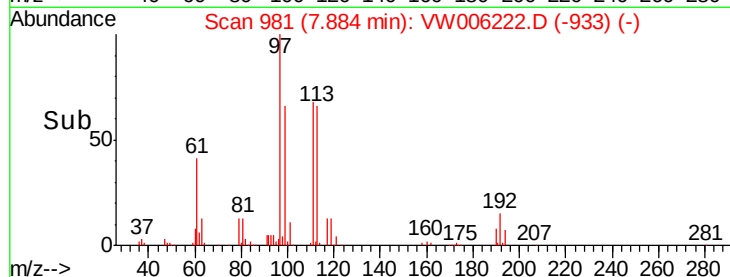
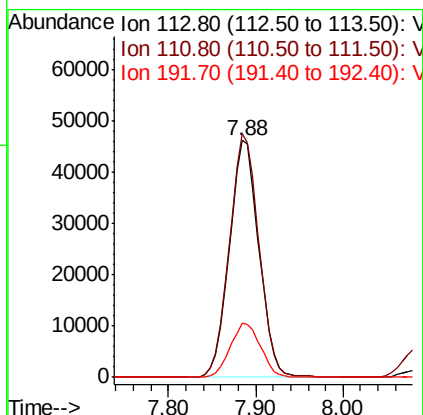
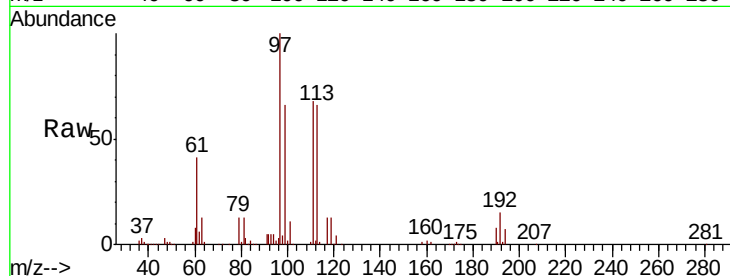




#35
 Dibromofluoromethane
 Concen: 48.869 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

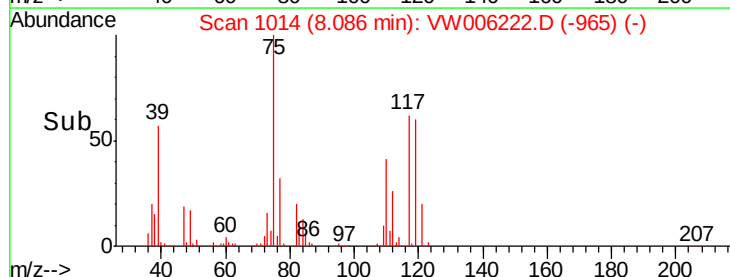
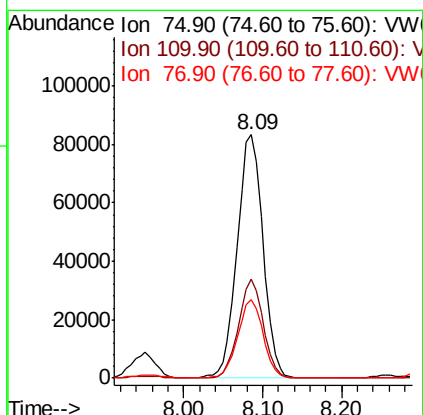
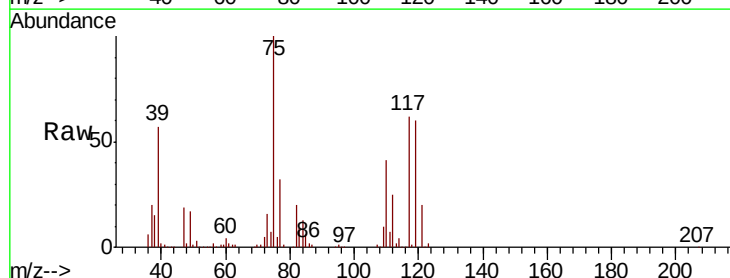
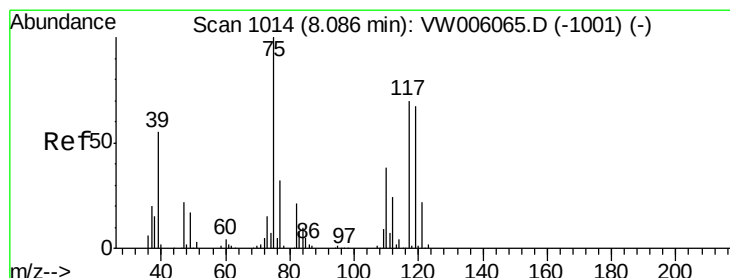
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

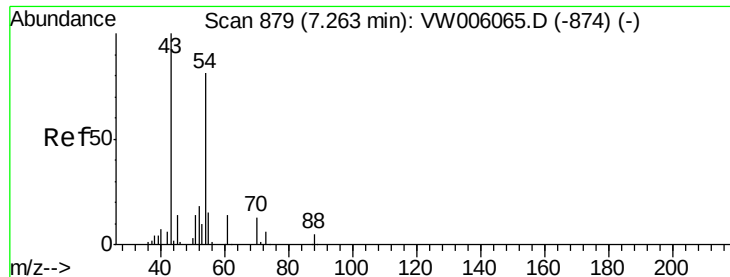
Tot Ion:113 Resp: 108432
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 55.000 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 75 Resp: 190360
 Ion Ratio Lower Upper
 75 100
 110 38.6 19.1 57.1
 77 31.4 25.0 37.4

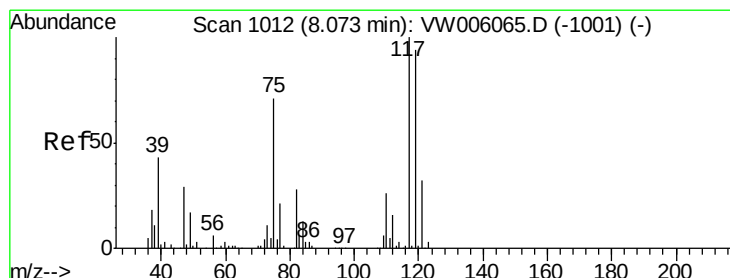
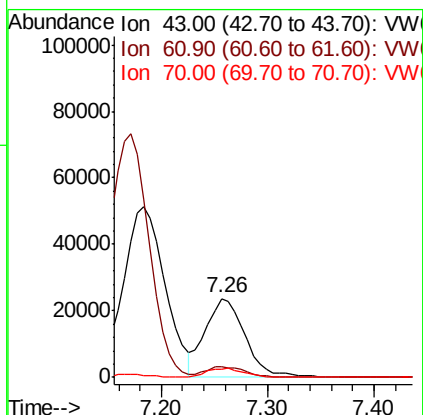
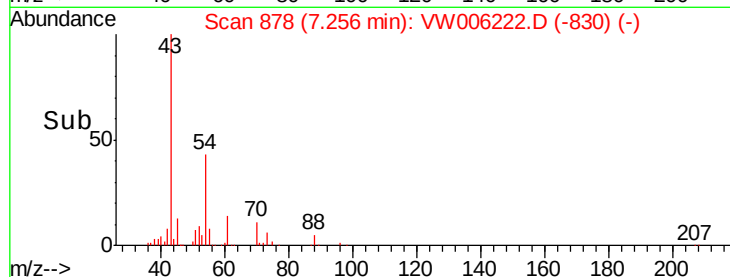
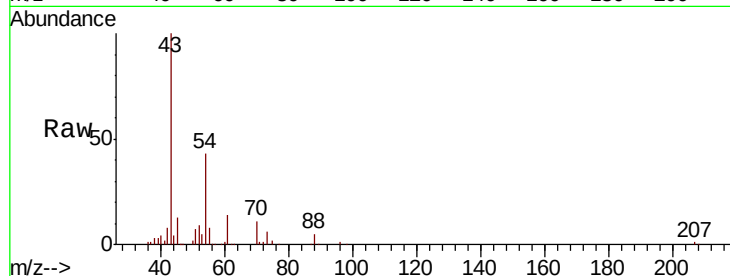




#37
Ethyl Acetate
Concen: 47.337 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

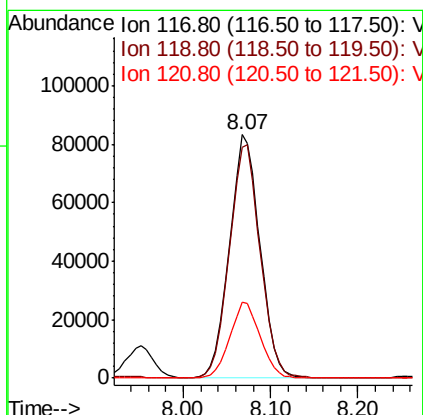
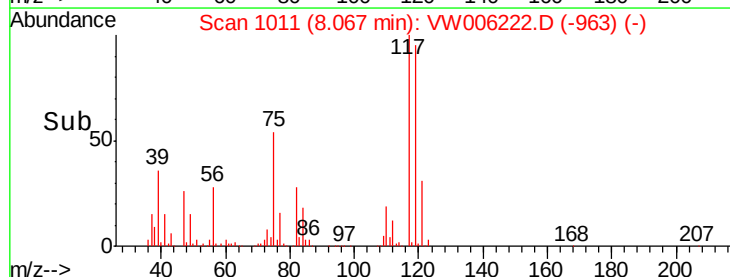
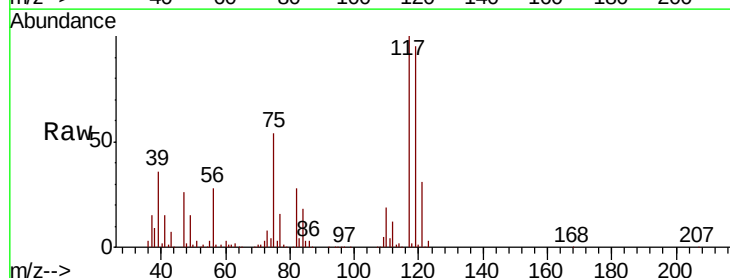
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

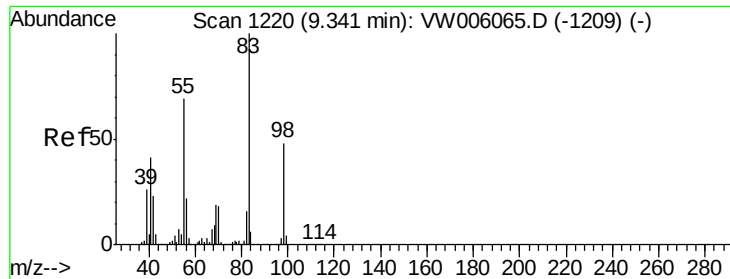
Tot Ion: 43 Resp: 60872
Ion Ratio Lower Upper
43 100
61 13.7 11.5 17.3
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 53.282 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 117 Resp: 202162
Ion Ratio Lower Upper
117 100
119 95.0 75.2 112.8
121 31.2 25.3 37.9

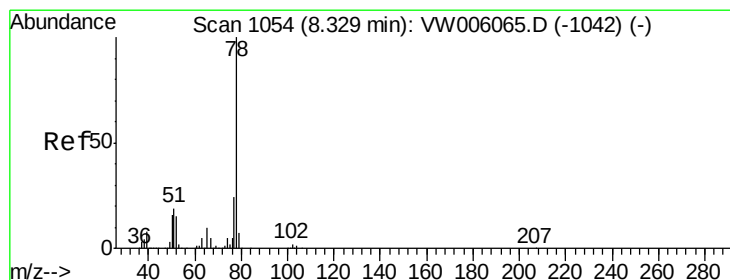
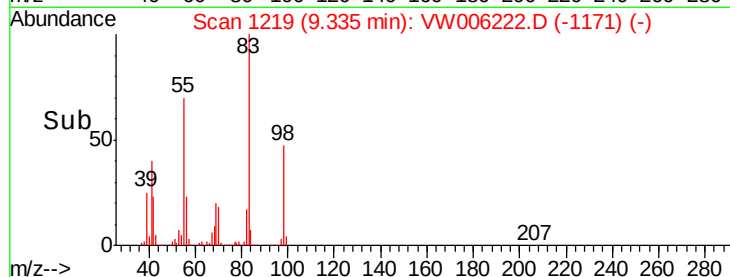
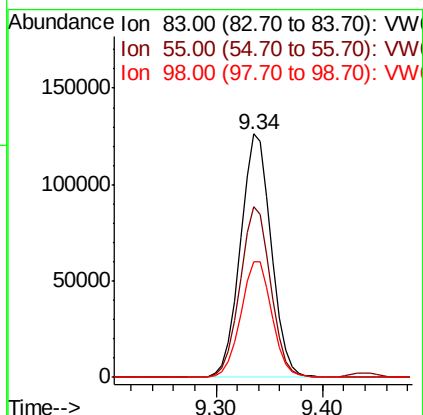
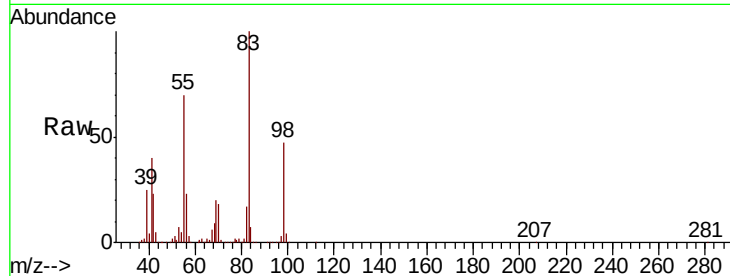




#39
Methylvlcyclohexane
Concen: 55.770 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

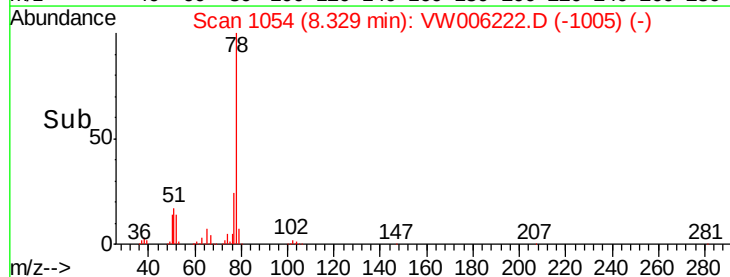
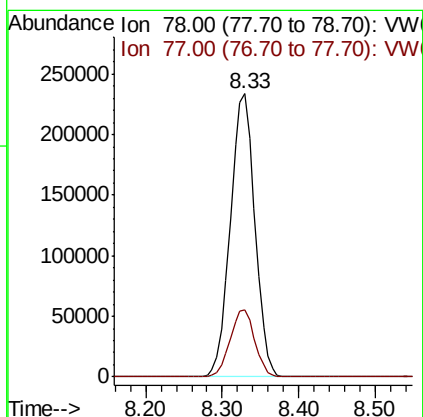
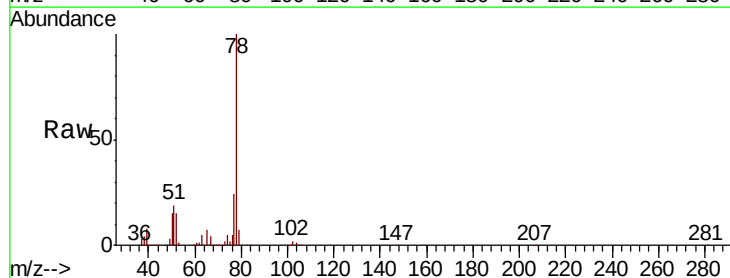
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

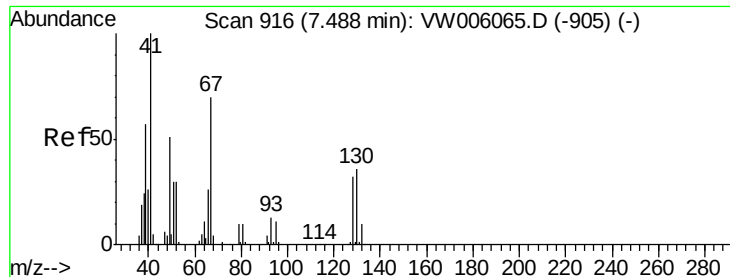
Tot Ion: 83 Resp: 256586
Ion Ratio Lower Upper
83 100
55 70.0 55.0 82.6
98 47.3 38.6 57.8



#40
Benzene
Concen: 54.361 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 78 Resp: 516108
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0

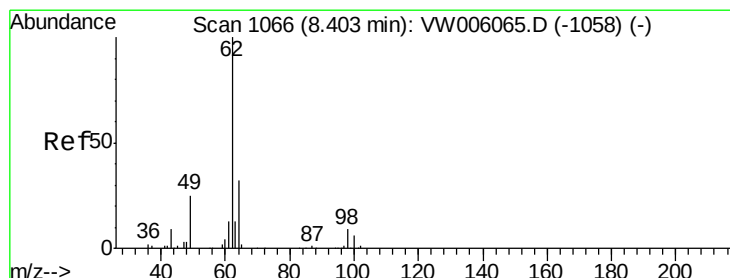
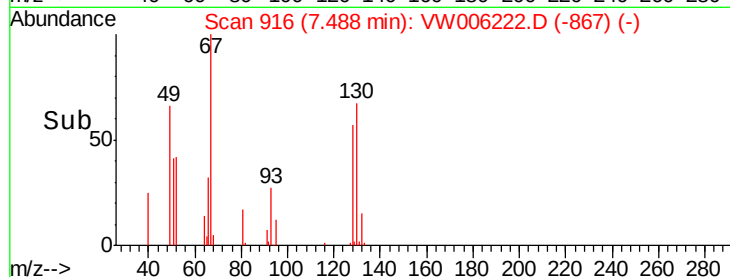
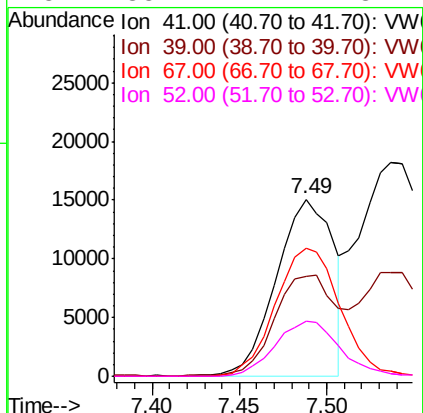
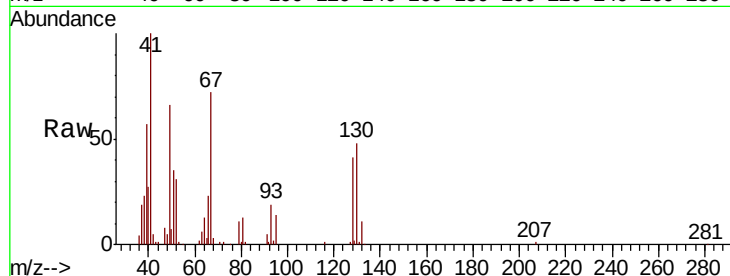




#41
Methacrylonitrile
Concen: 44.147 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

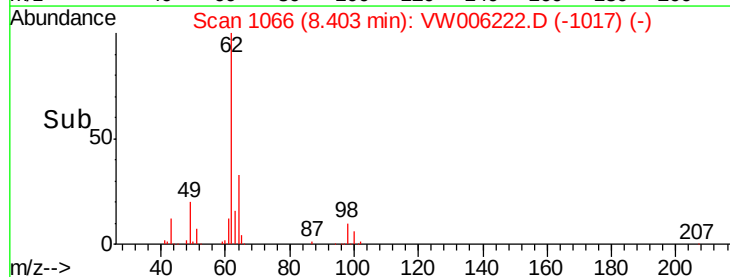
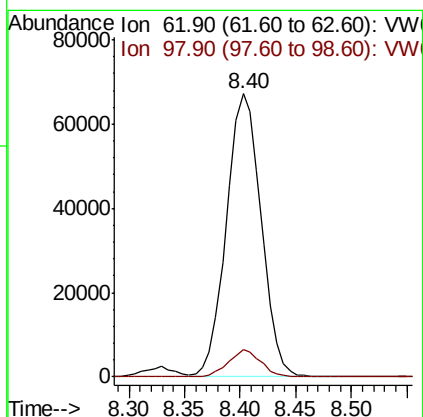
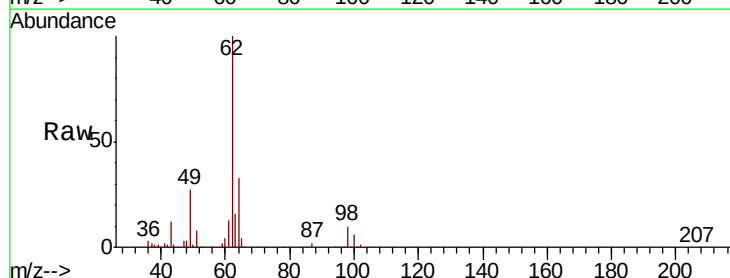
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

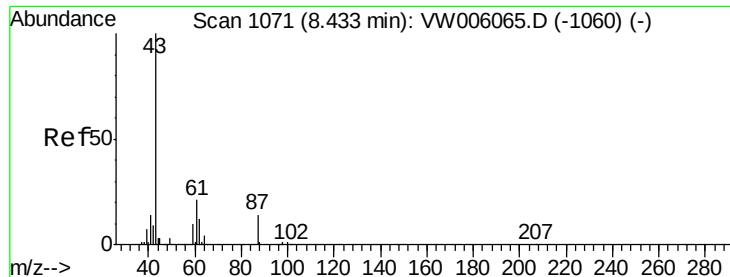
Tot Ion:	41	Resp:	34223
Ion	Ratio	Lower	Upper
41	100		
39	65.0	46.2	69.4
67	82.0	57.7	86.5
52	35.4	24.7	37.1



#42
1,2-Dichloroethane
Concen: 52.024 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion:	62	Resp:	145113
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.4





#43

Isopropyl Acetate

Concen: 45.878 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

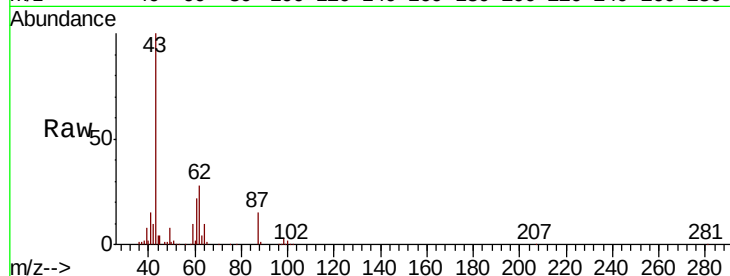
Tot Ion: 43 Resp: 120626

Ion Ratio Lower Upper

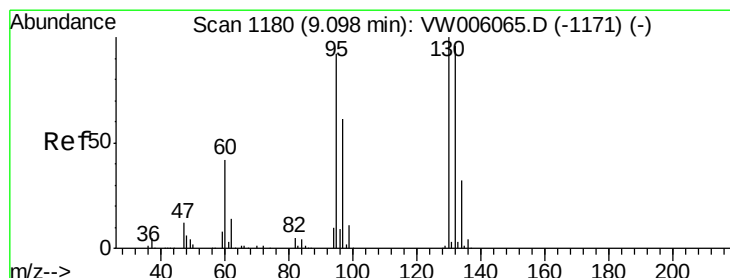
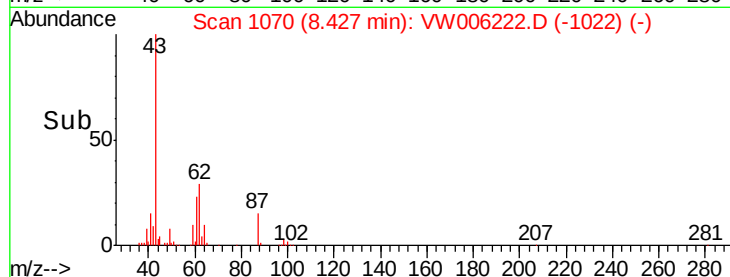
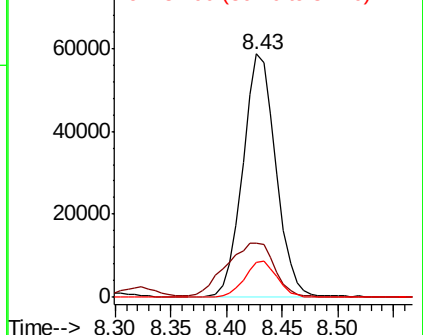
43 100

61 32.8 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: 54.726 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006222.D

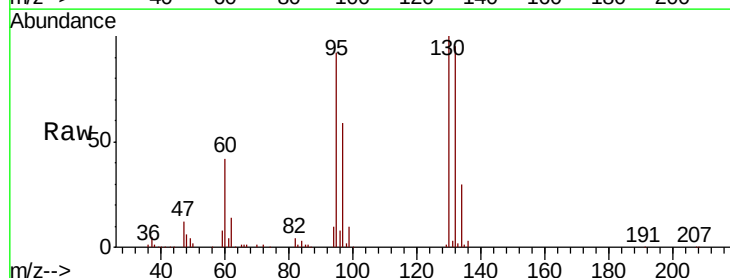
Acq: 19 Oct 2018 13:39

Tgt Ion:130 Resp: 159404

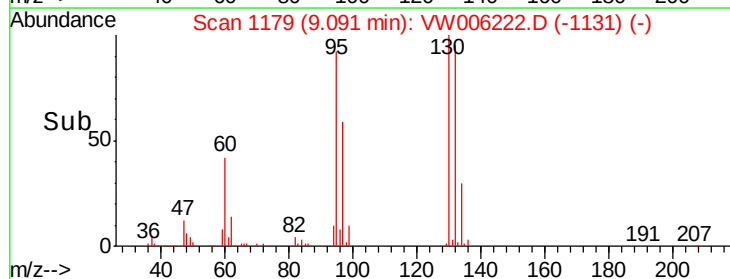
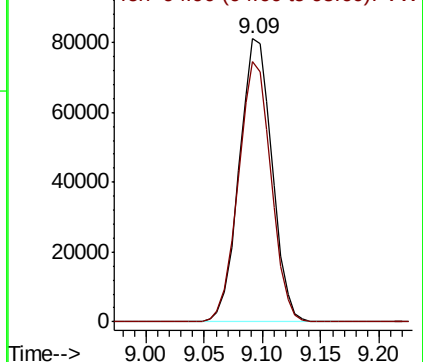
Ion Ratio Lower Upper

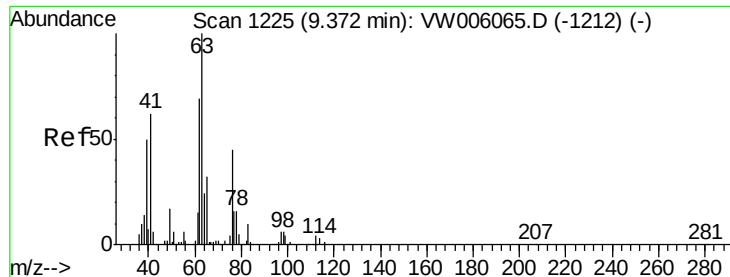
130 100

95 91.9 0.0 183.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

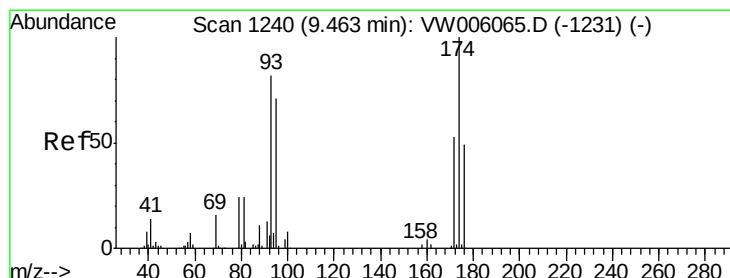
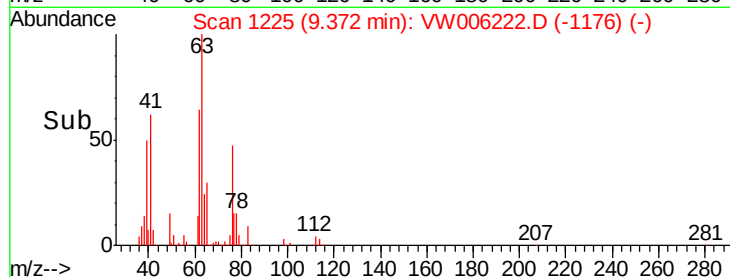
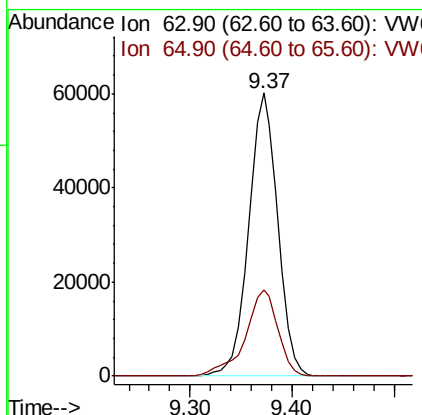
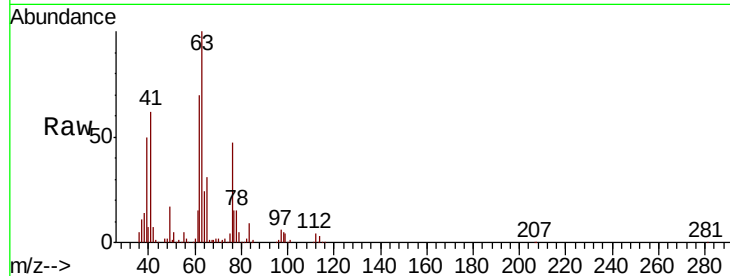




#45
 1,2-Dichloropropane
 Concen: 52.420 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

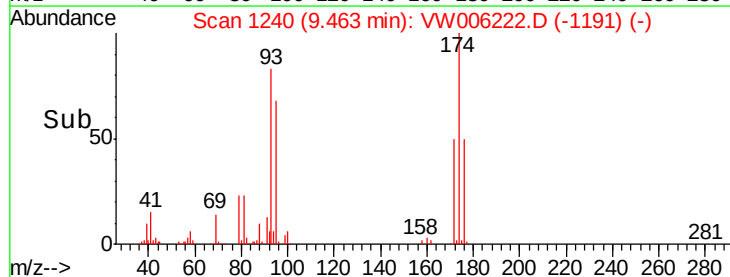
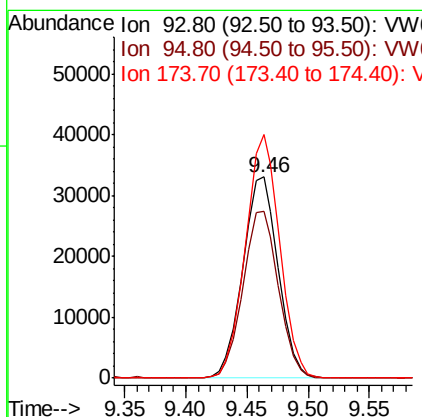
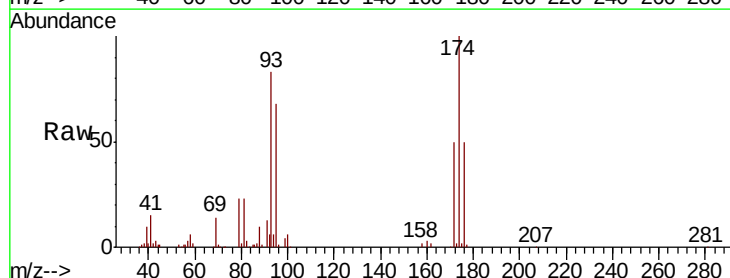
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

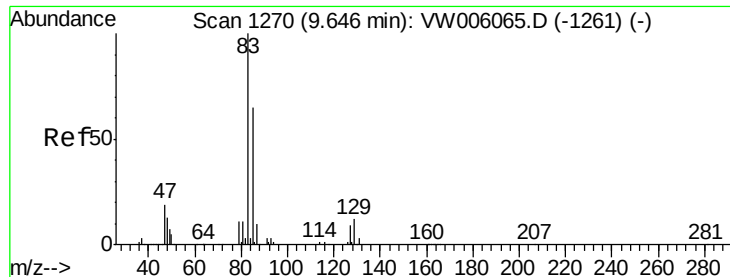
Tot Ion: 63 Resp: 119092
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0



#46
 Dibromomethane
 Concen: 51.193 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 93 Resp: 66288
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.7 101.5
 174 117.9 93.7 140.5





#47

Bromodichloromethane

Concen: 51.328 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

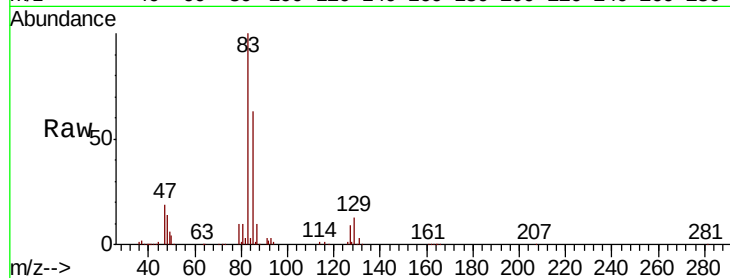
Tot Ion: 83 Resp: 161135

Ion Ratio Lower Upper

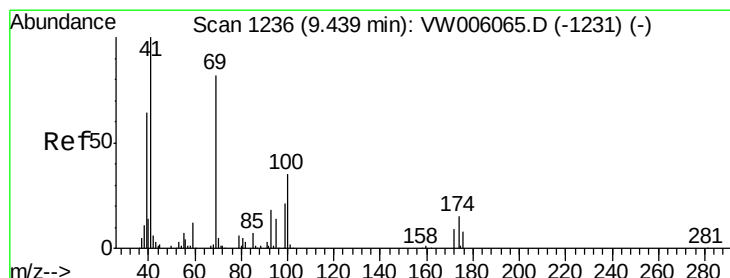
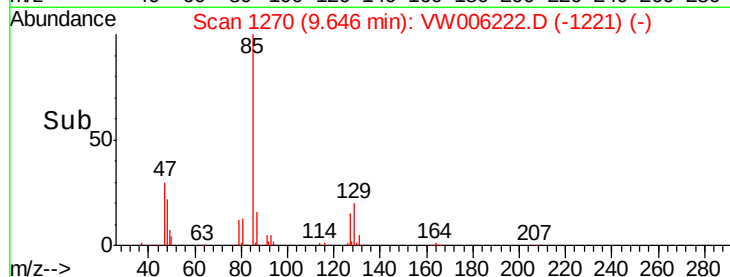
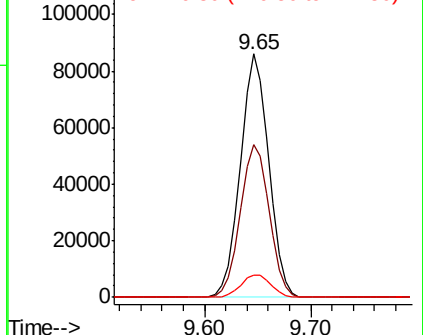
83 100

85 62.7 51.8 77.8

127 9.4 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: 47.949 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

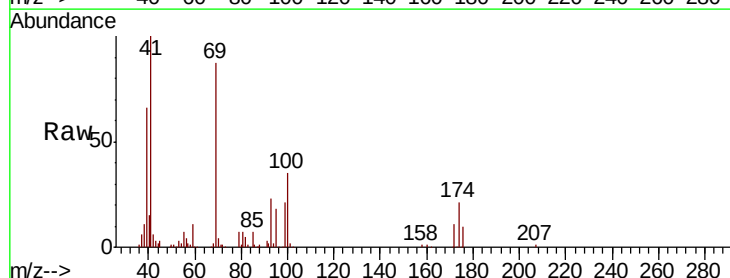
Tgt Ion: 41 Resp: 59759

Ion Ratio Lower Upper

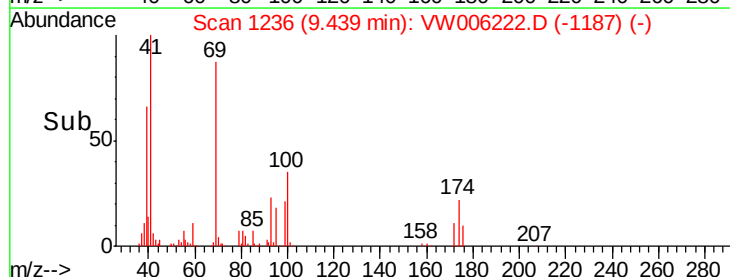
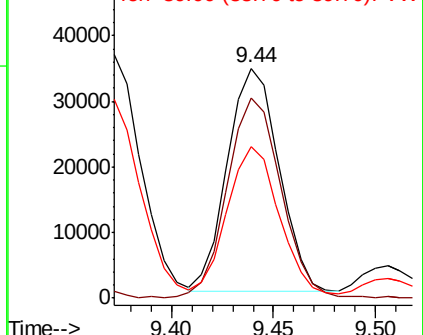
41 100

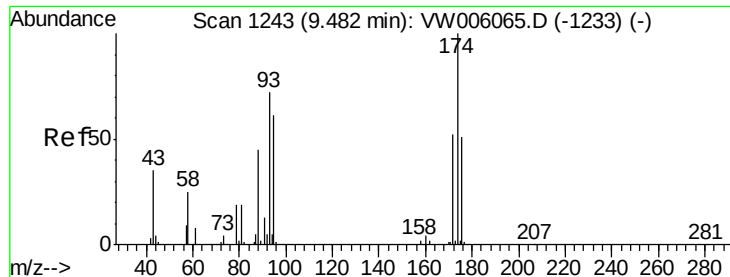
69 93.1 71.8 107.8

39 65.7 52.5 78.7



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1003.418 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

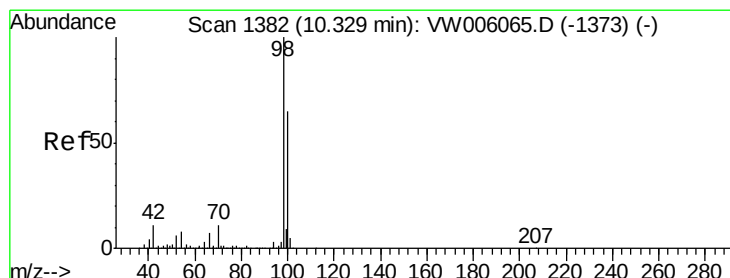
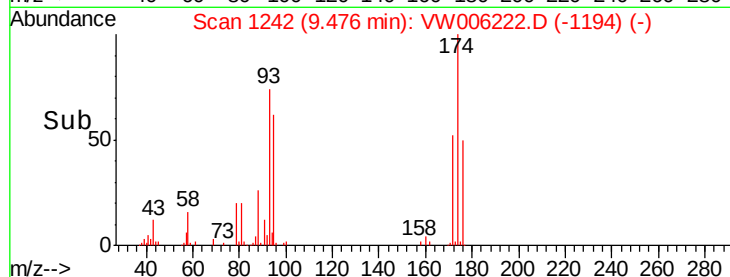
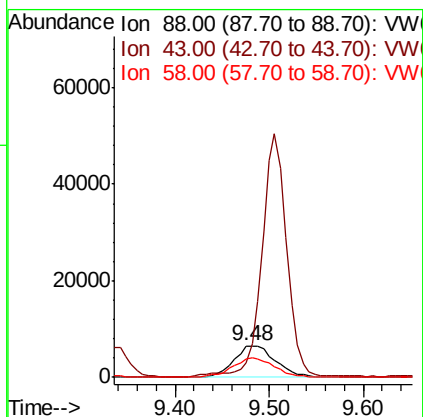
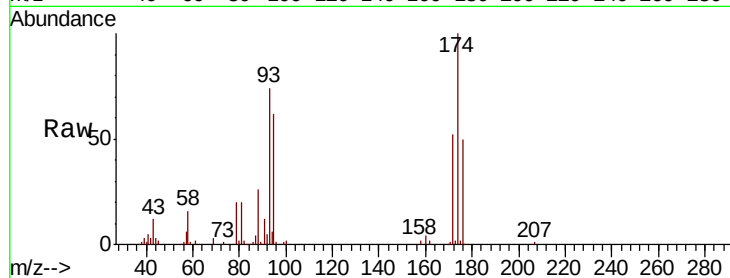
Tot Ion: 88 Resp: 20002

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 63.7 51.2 76.8



#50

Toluene-d8

Concen: 49.290 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006222.D

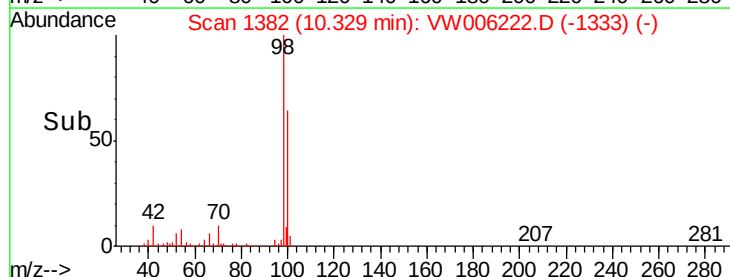
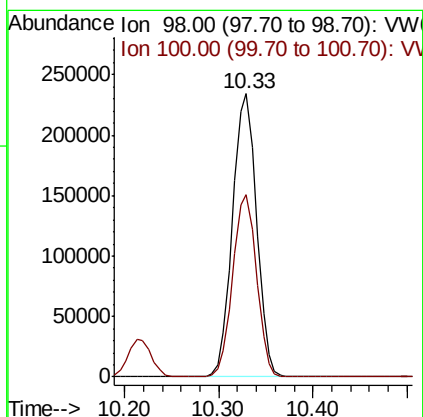
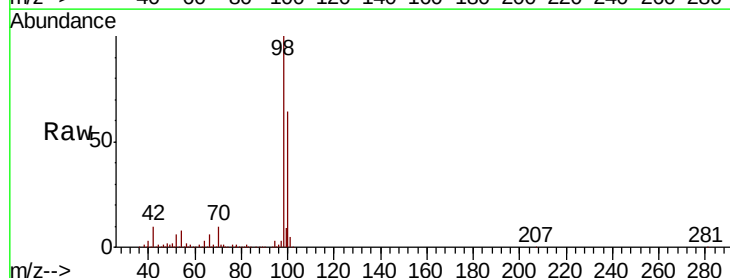
Acq: 19 Oct 2018 13:39

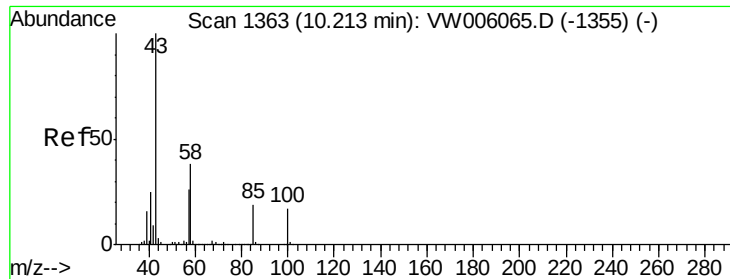
Tgt Ion: 98 Resp: 416086

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4

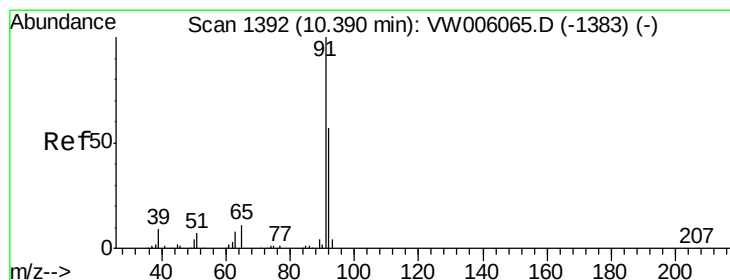
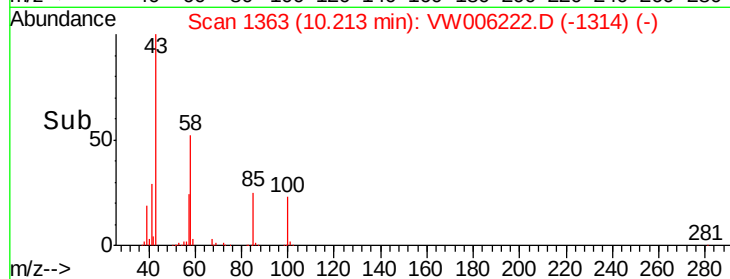
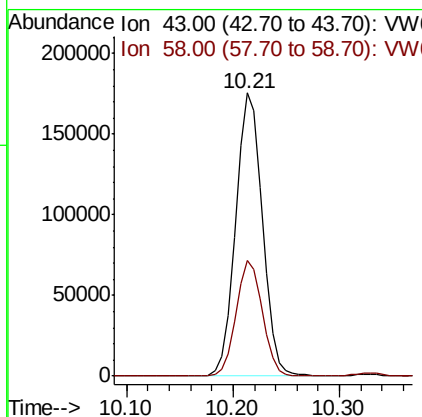
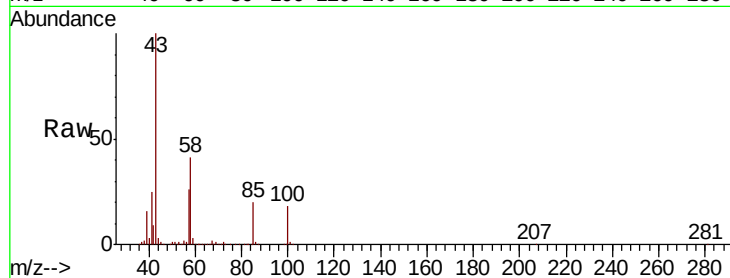




#51
 4-Methyl-2-Pentanone
 Concen: 234.943 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

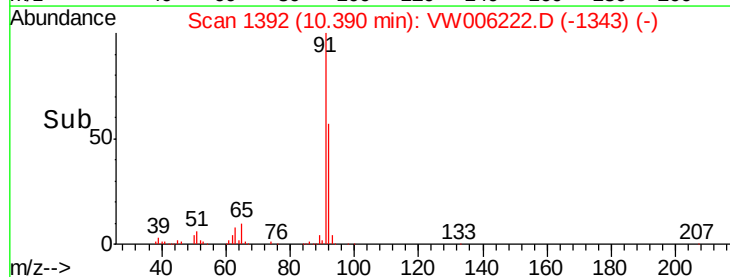
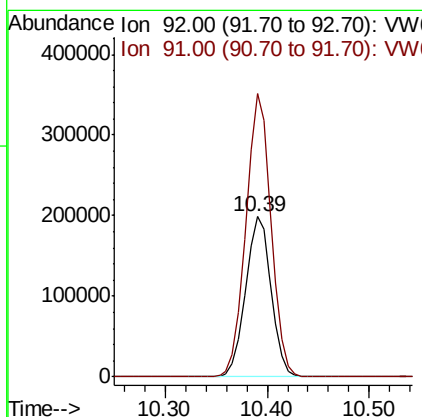
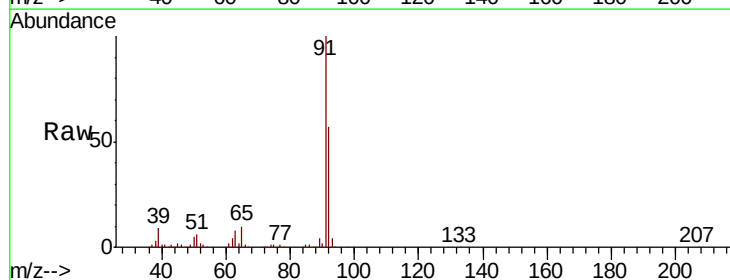
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

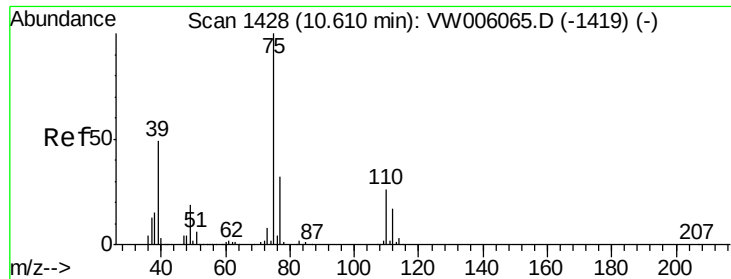
Tot Ion: 43 Resp: 309506
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.5 47.3



#52
 Toluene
 Concen: 54.233 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 92 Resp: 345195
 Ion Ratio Lower Upper
 92 100
 91 174.4 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 49.804 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampled :

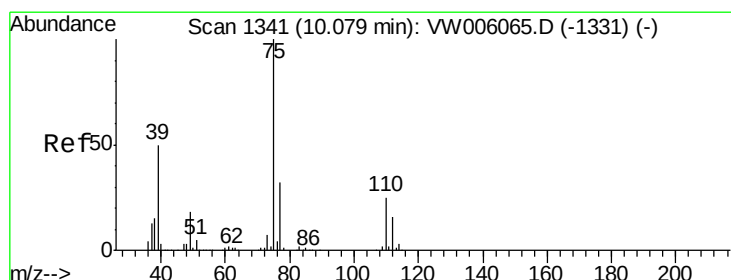
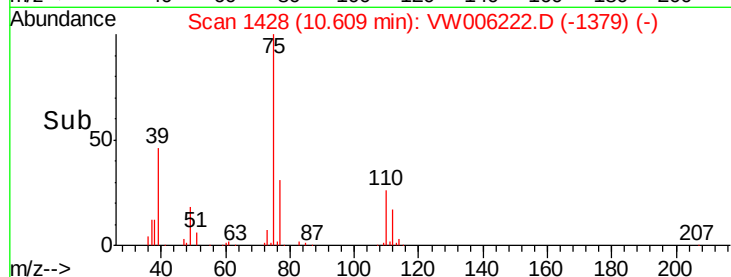
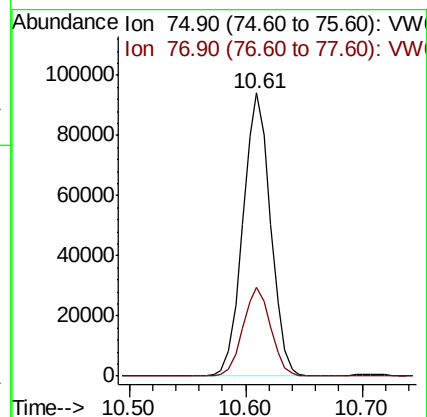
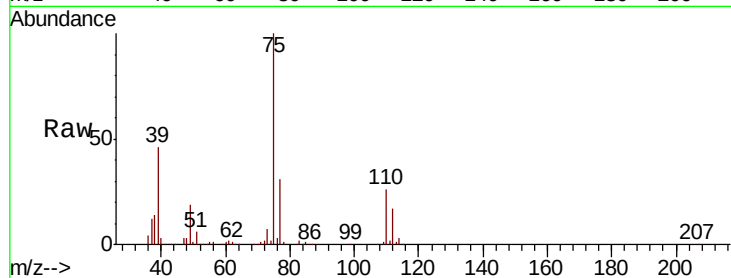
VSTDCCC050

Tot Ion: 75 Resp: 155777

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.383 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

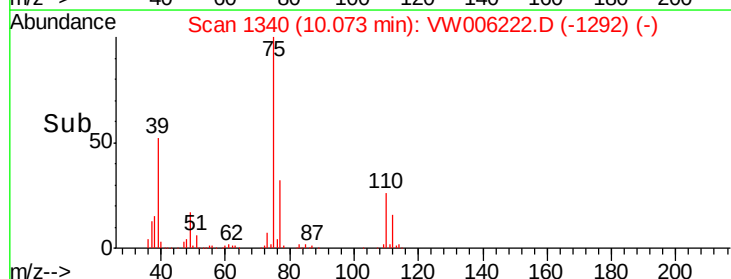
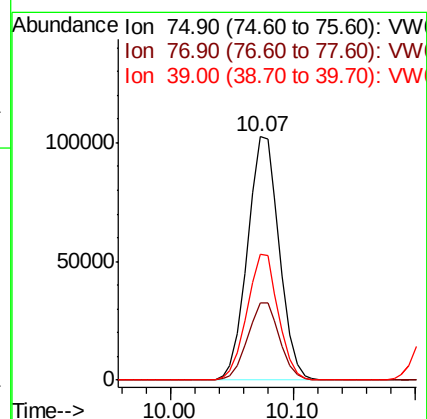
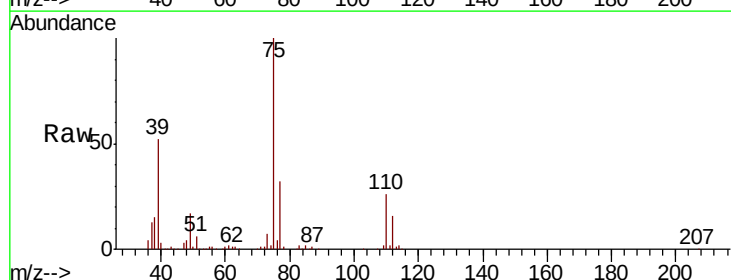
Tgt Ion: 75 Resp: 184451

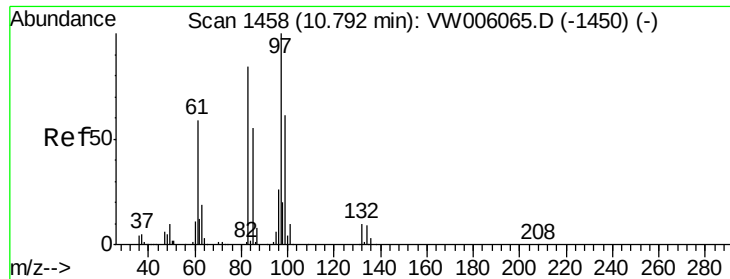
Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

39 51.6 39.9 59.9

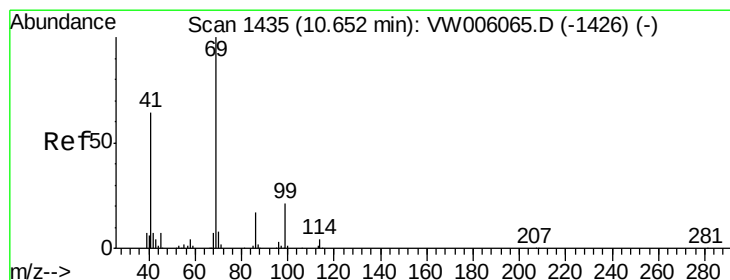
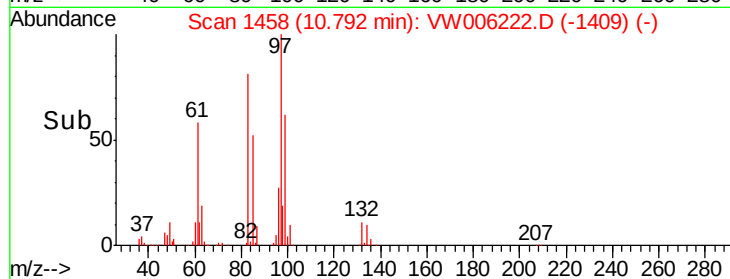
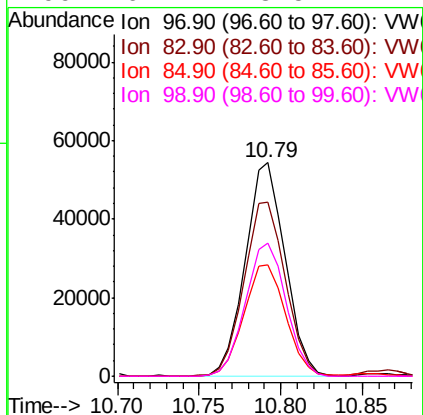
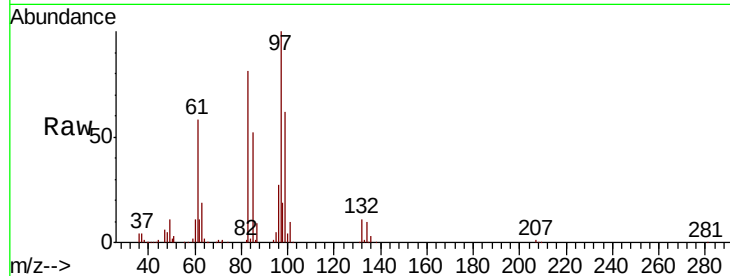




#55
 1,1,2-Trichloroethane
 Concen: 51.037 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

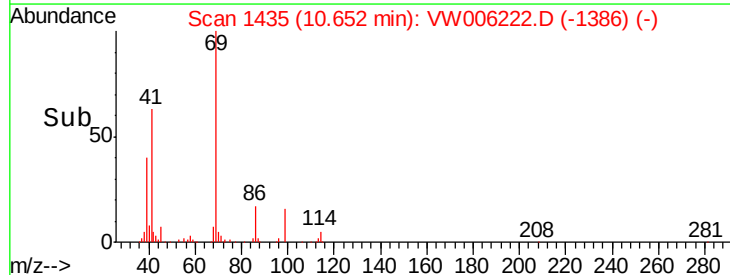
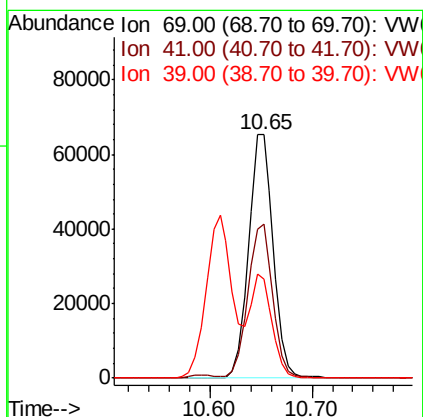
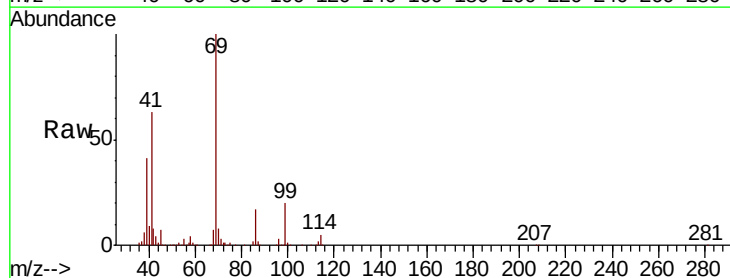
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

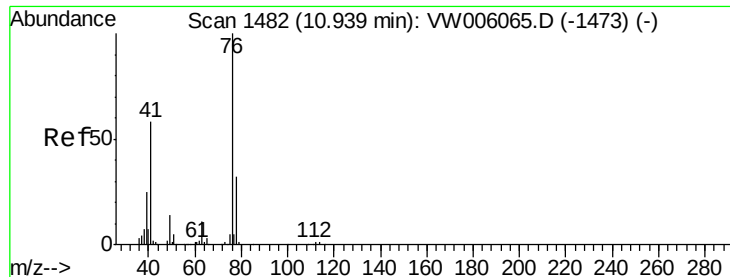
Tot Ion:	97	Resp:	92480
Ion	Ratio	Lower	Upper
97	100		
83	81.2	67.2	100.8
85	52.3	43.7	65.5
99	62.1	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 49.594 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion:	69	Resp:	110167
Ion	Ratio	Lower	Upper
69	100		
41	63.1	52.8	79.2
39	36.0	30.6	45.8

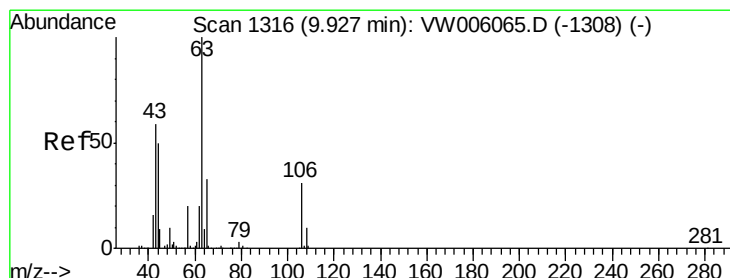
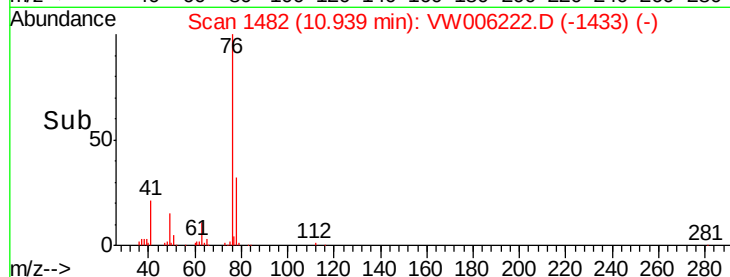
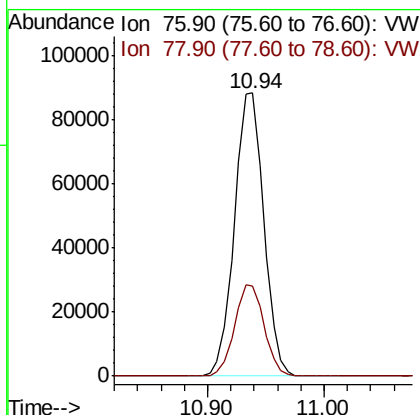
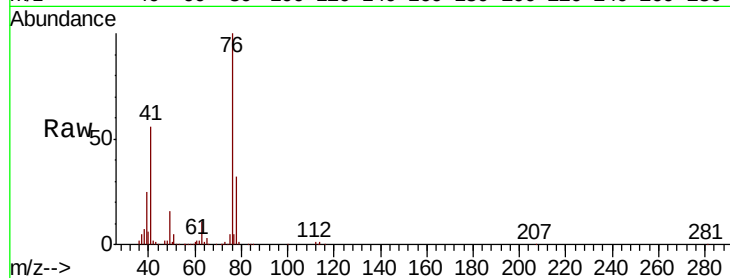




#57
 1,3-Dichloropropane
 Concen: 51.786 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

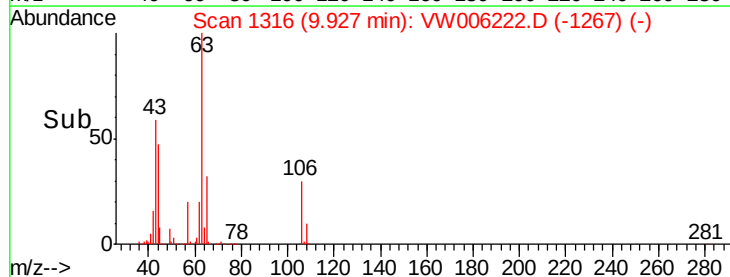
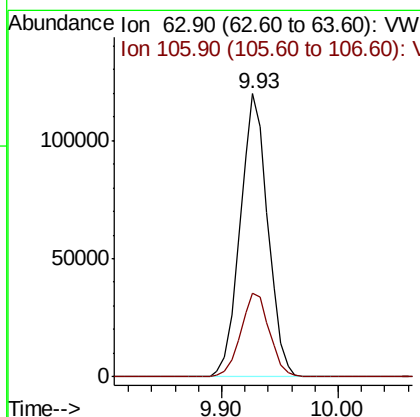
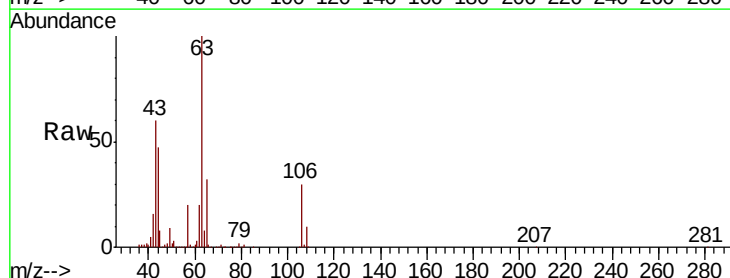
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

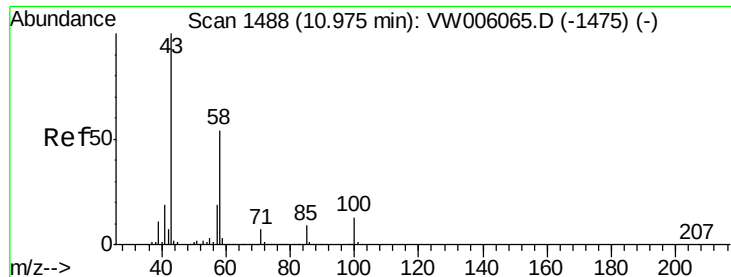
Tot Ion: 76 Resp: 155336
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.086 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 63 Resp: 197846
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.5 36.7

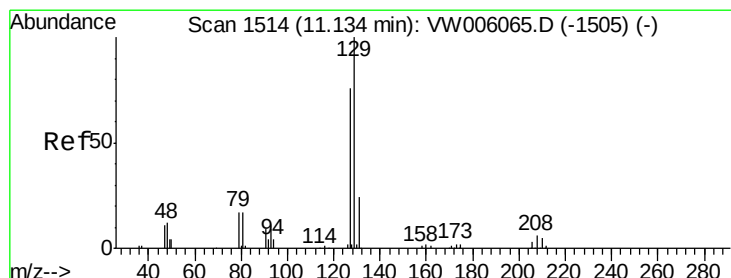
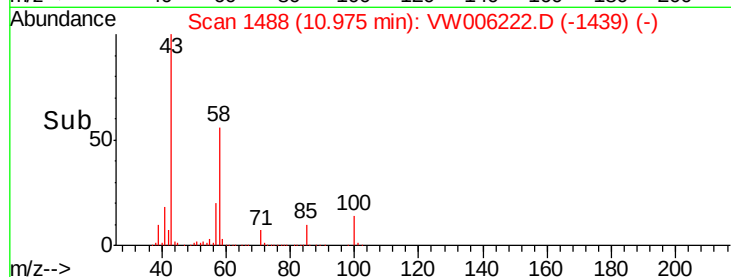
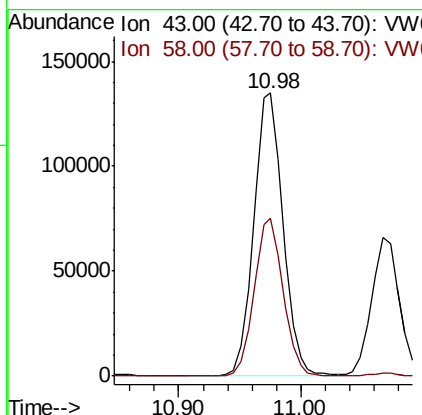
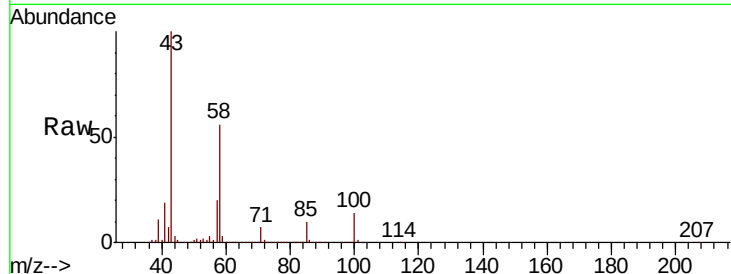




#59
2-Hexanone
Concen: 240.337 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

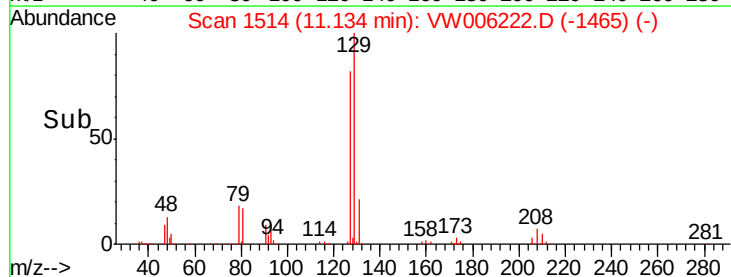
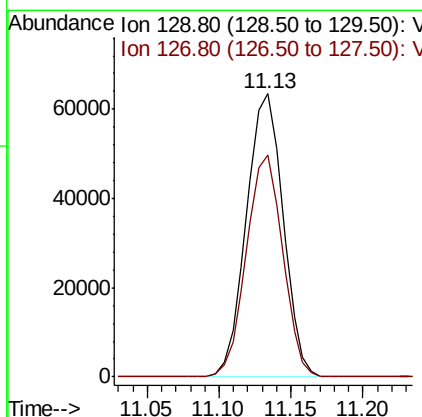
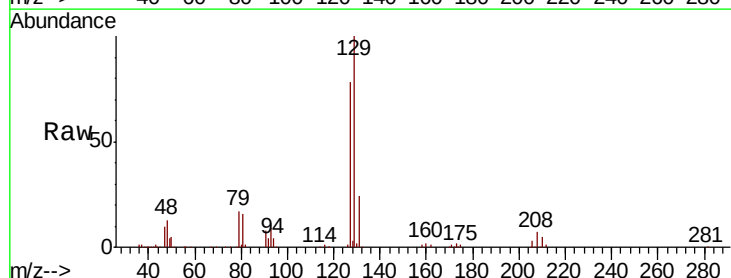
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

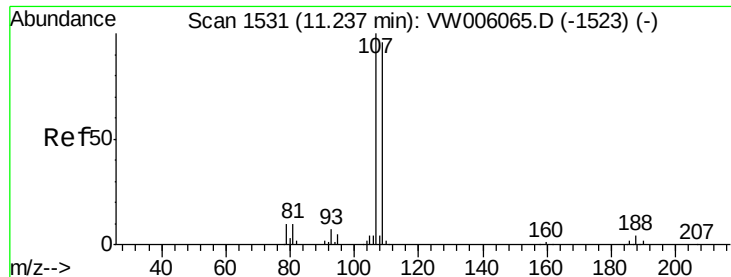
Tot Ion: 43 Resp: 226009
Ion Ratio Lower Upper
43 100
58 54.9 26.9 80.6



#60
Dibromochloromethane
Concen: 49.698 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 129 Resp: 112170
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 51.089 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

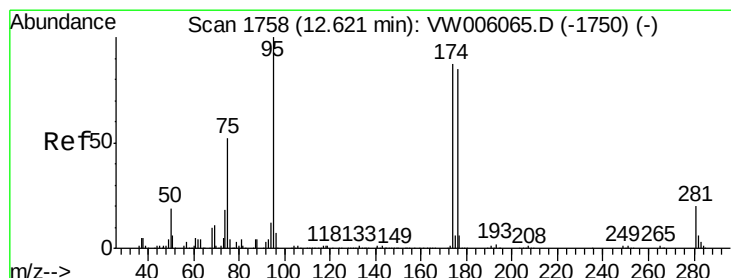
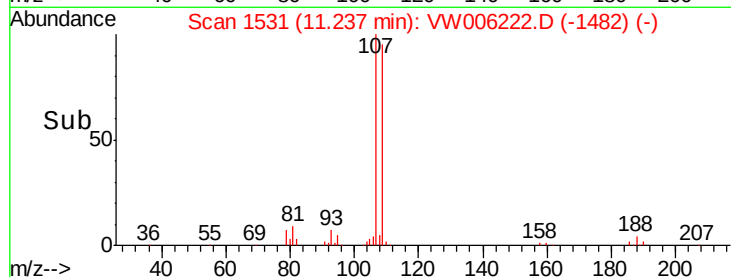
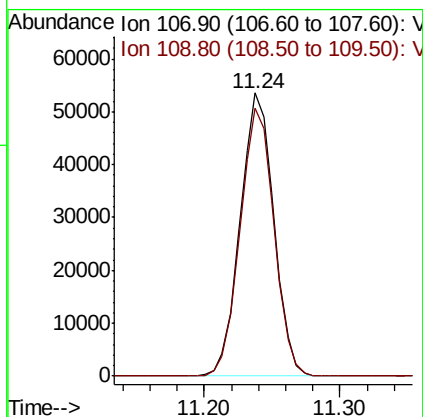
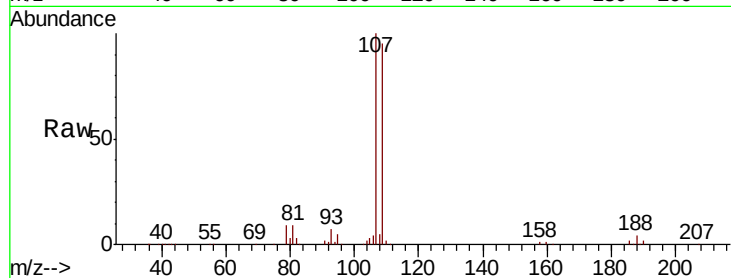
VSTDCCC050

Tot Ion:107 Resp: 92498

Ion Ratio Lower Upper

107 100

109 95.4 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 49.576 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

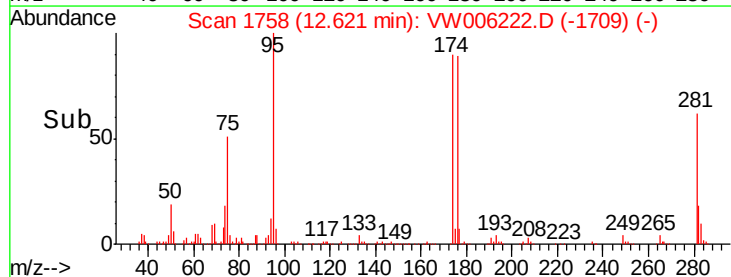
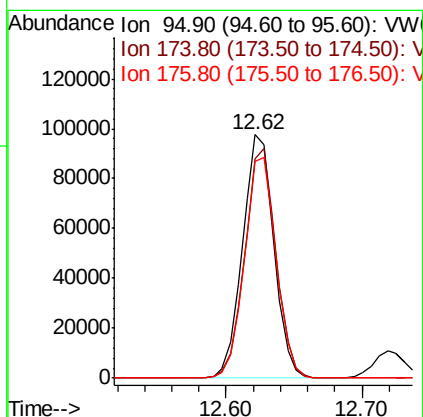
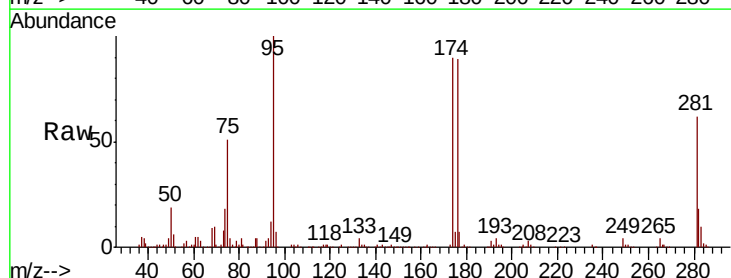
Tgt Ion: 95 Resp: 157183

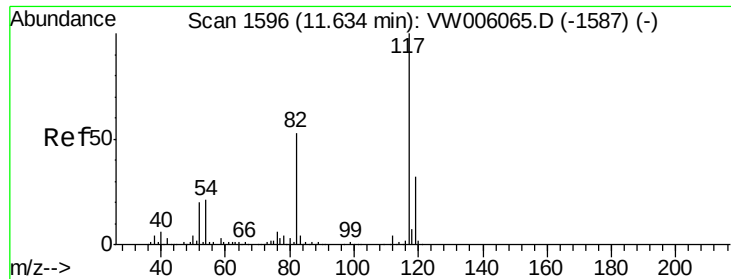
Ion Ratio Lower Upper

95 100

174 93.7 0.0 186.0

176 91.5 0.0 181.6

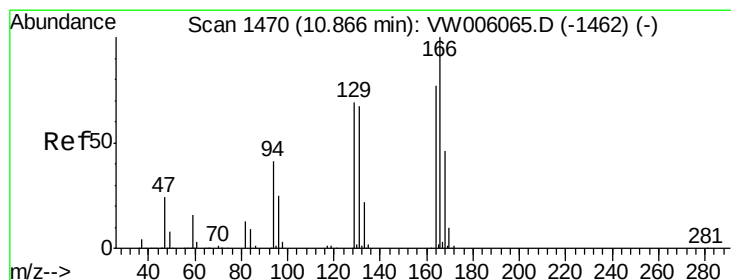
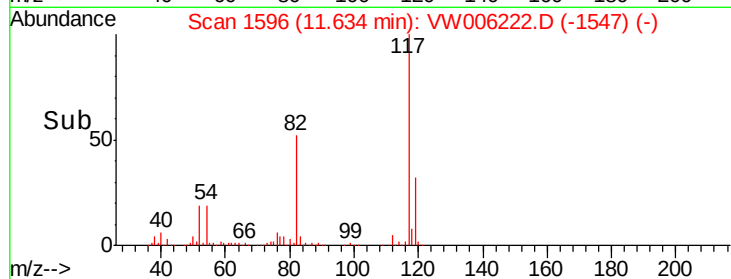
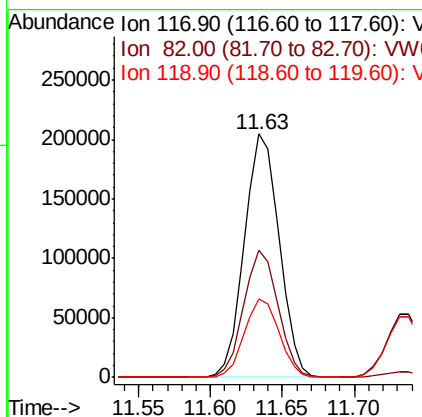
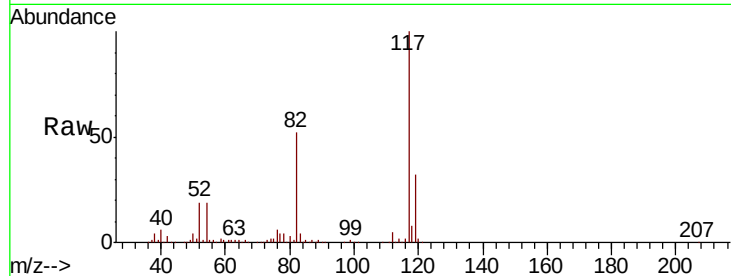




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

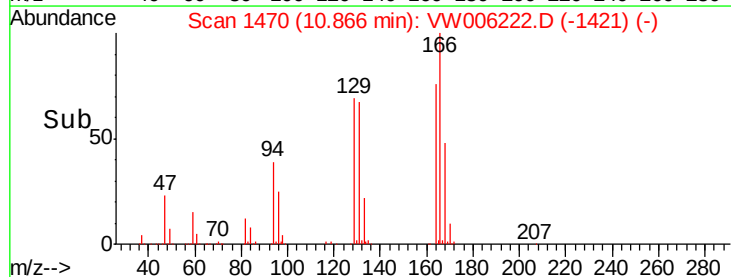
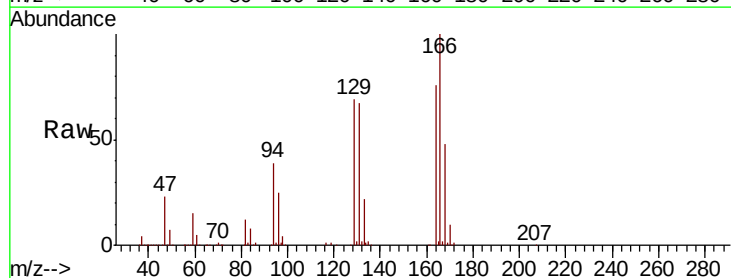
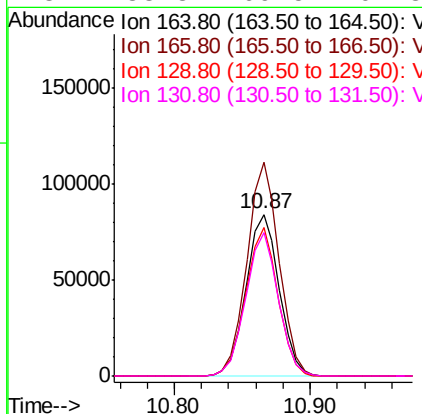
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

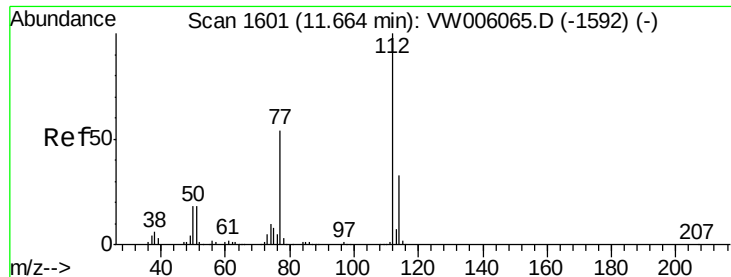
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	42.1	63.1
119	32.3	25.8	38.6



#64
Tetrachloroethene
Concen: 53.983 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	103.4	155.0
129	91.4	71.8	107.8
131	88.3	69.5	104.3

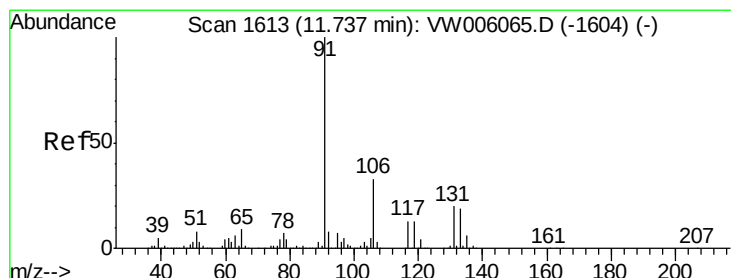
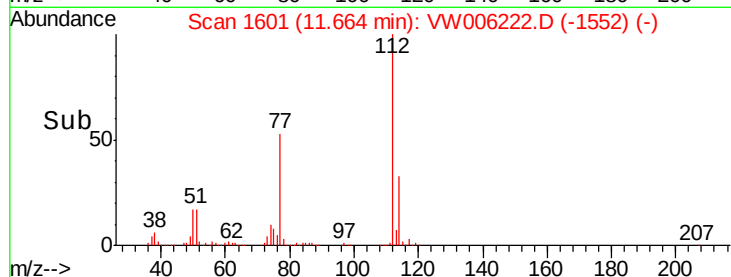
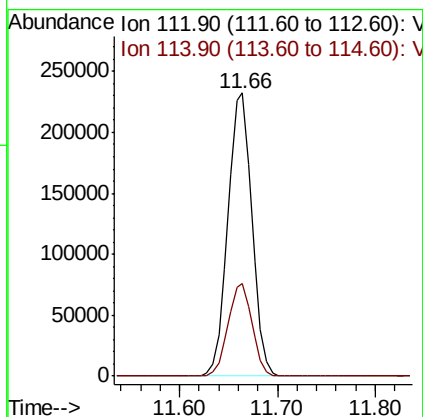
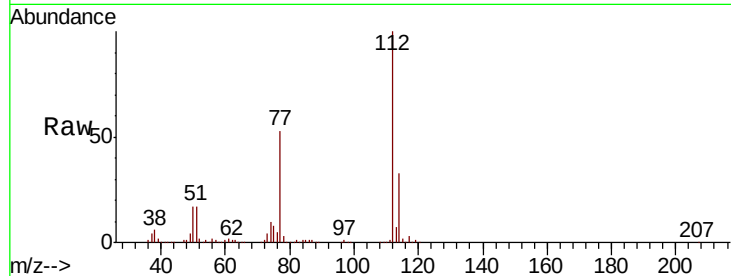




#65
Chlorobenzene
Concen: 53.988 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

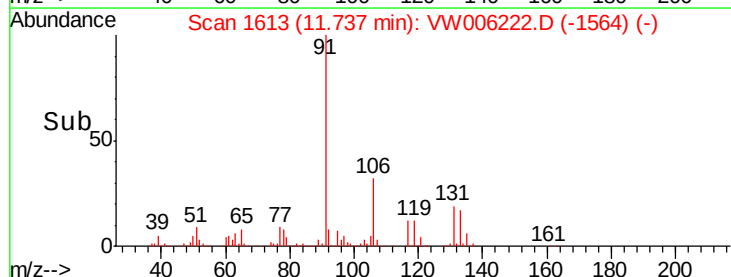
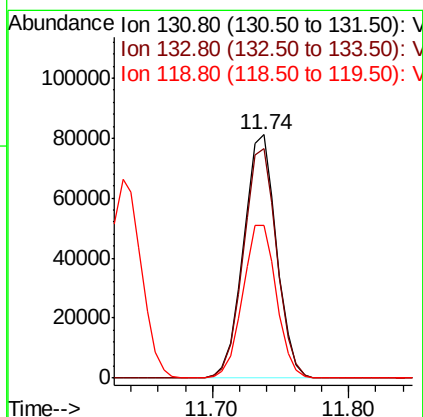
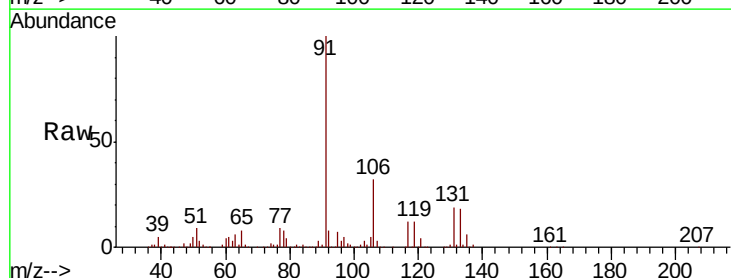
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

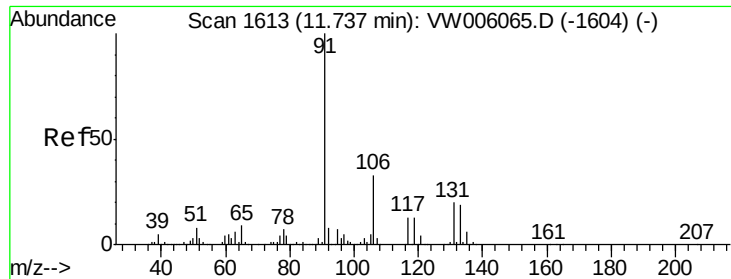
Tot Ion:112 Resp: 395709
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.796 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion:131 Resp: 137523
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.3
119 64.3 31.6 94.7

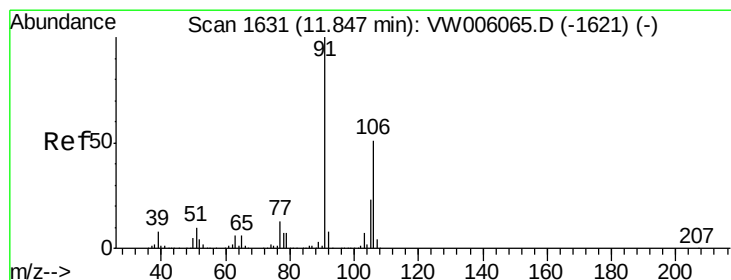
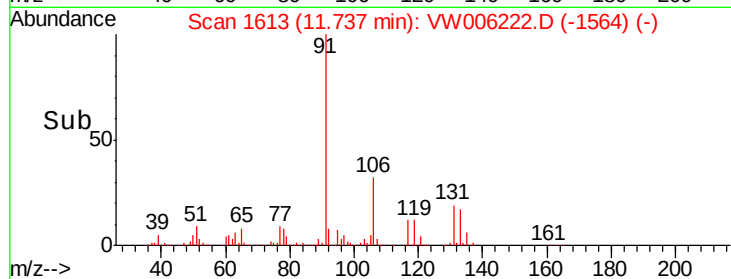
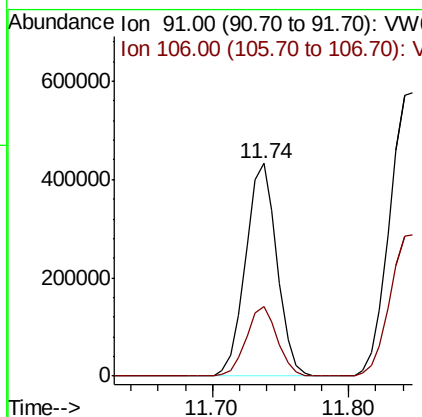
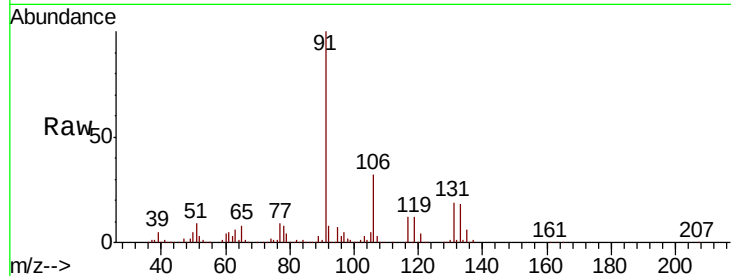




#67
Ethyl Benzene
Concen: 54.936 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

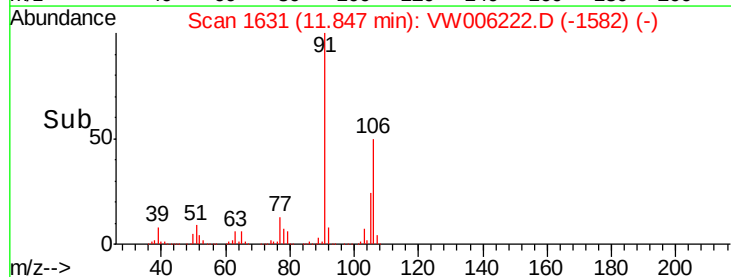
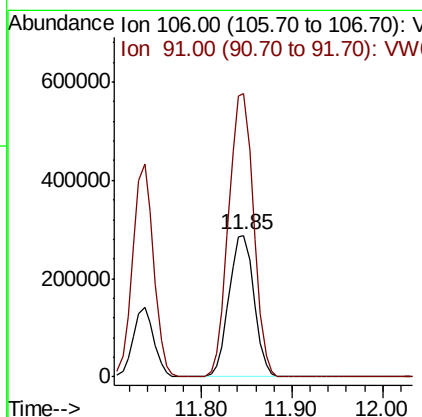
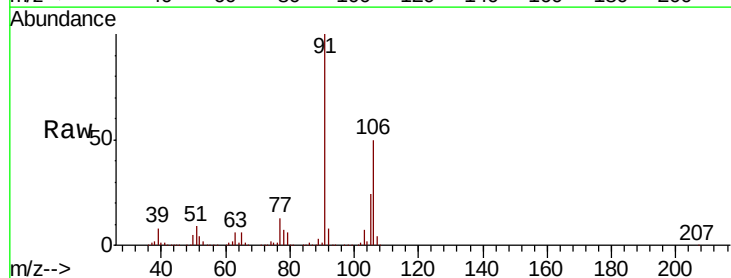
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

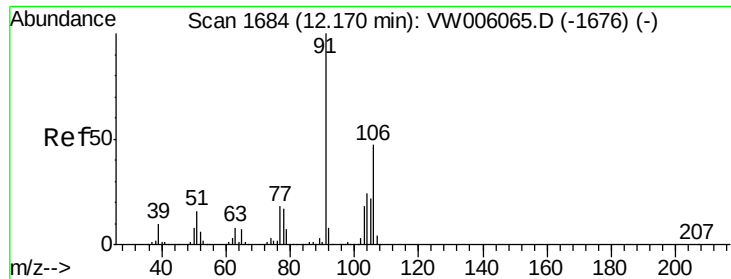
Tot Ion: 91 Resp: 697818
Ion Ratio Lower Upper
91 100
106 32.5 26.1 39.1



#68
m/p-Xylenes
Concen: 110.122 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 106 Resp: 552880
Ion Ratio Lower Upper
106 100
91 199.5 159.1 238.7

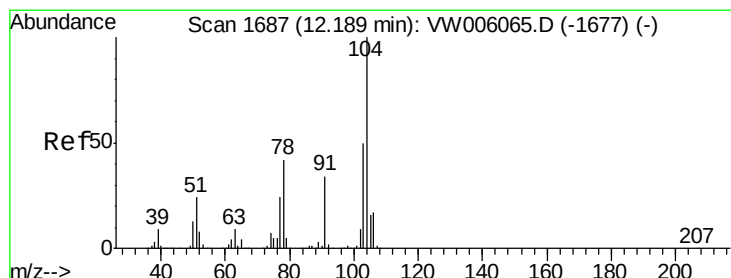
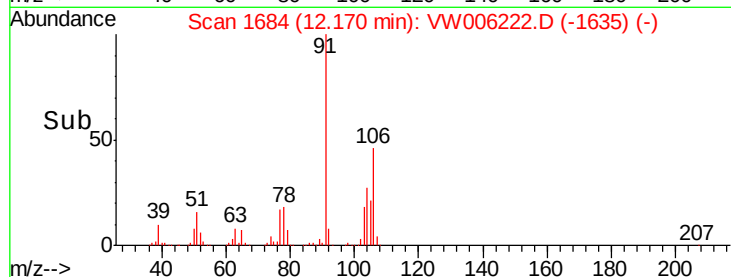
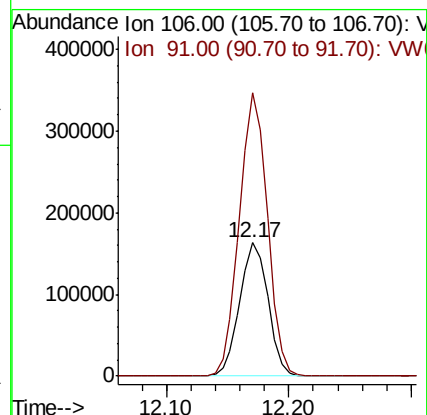
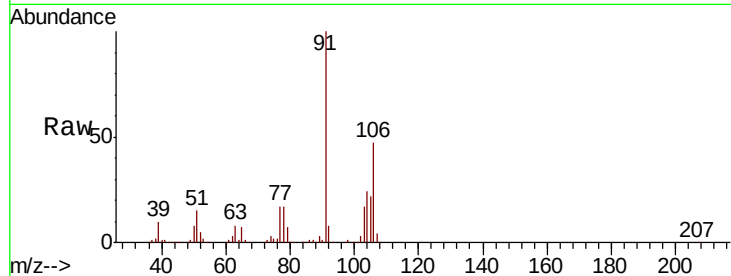




#69
o-Xylene
Concen: 54.733 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

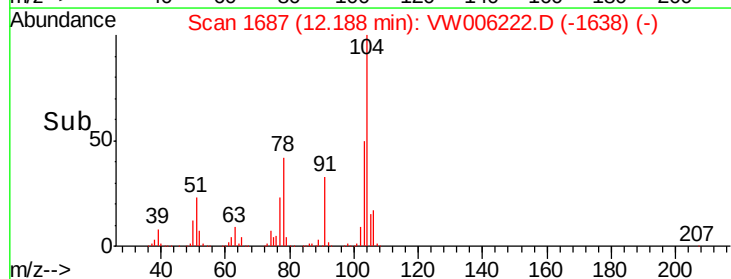
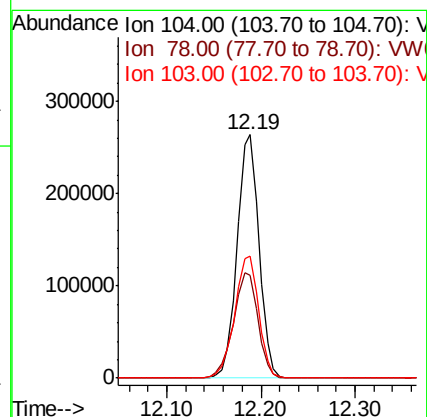
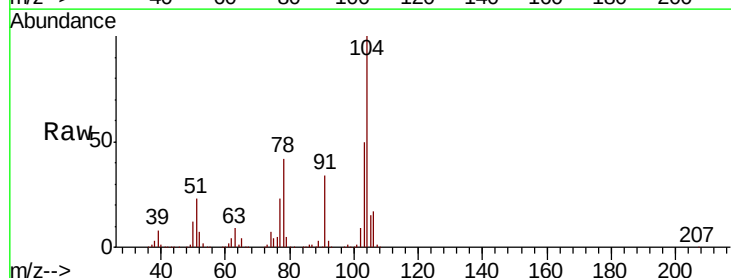
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

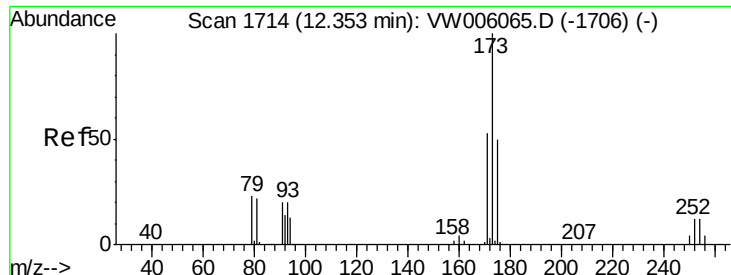
Tot Ion:106 Resp: 261887
Ion Ratio Lower Upper
106 100
91 210.5 105.4 316.1



#70
Styrene
Concen: 54.549 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion:104 Resp: 424432
Ion Ratio Lower Upper
104 100
78 48.5 39.1 58.7
103 55.0 44.3 66.5





#71

Bromoform

Concen: 45.891 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

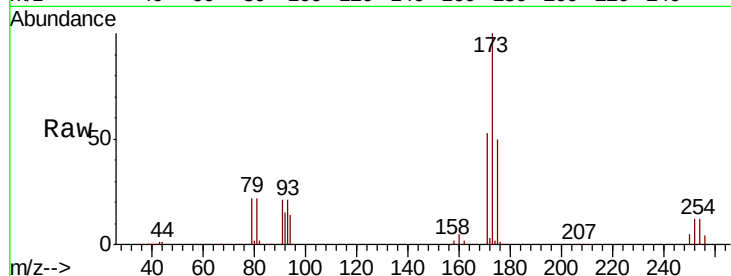
Tot Ion:173 Resp: 66674

Ion Ratio Lower Upper

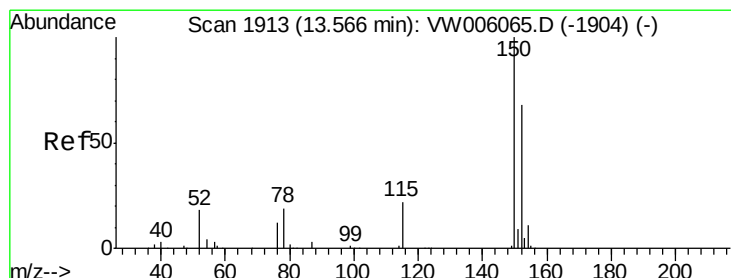
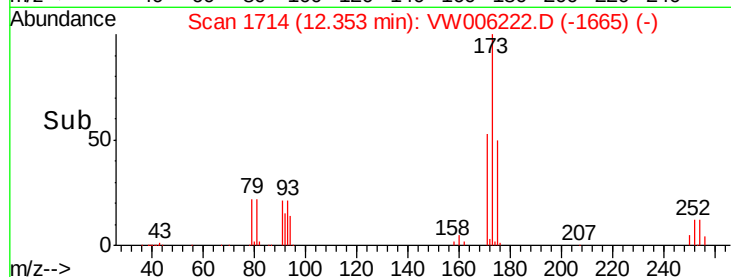
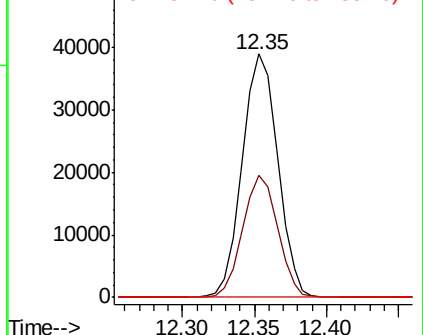
173 100

175 49.3 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

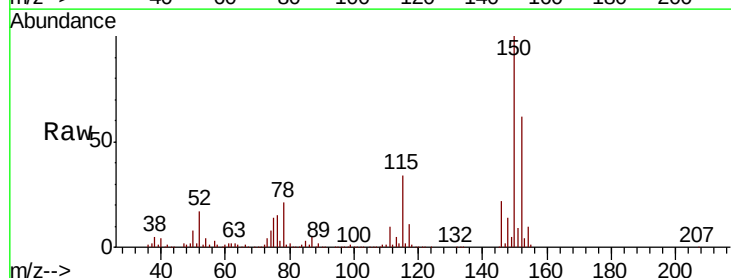
Tgt Ion:152 Resp: 192774

Ion Ratio Lower Upper

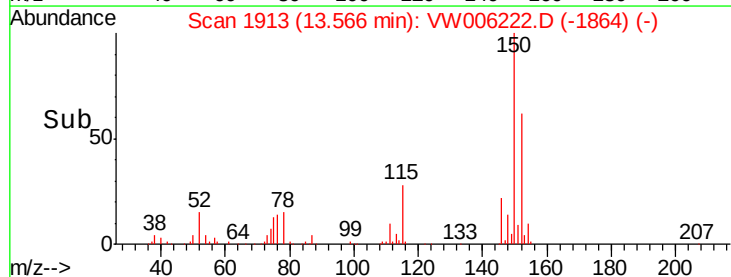
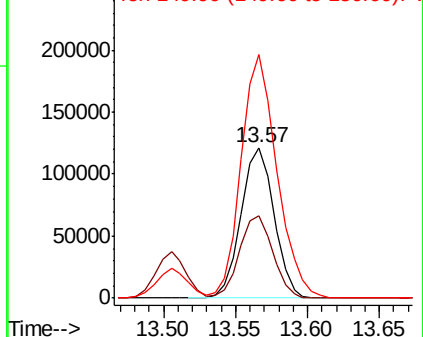
152 100

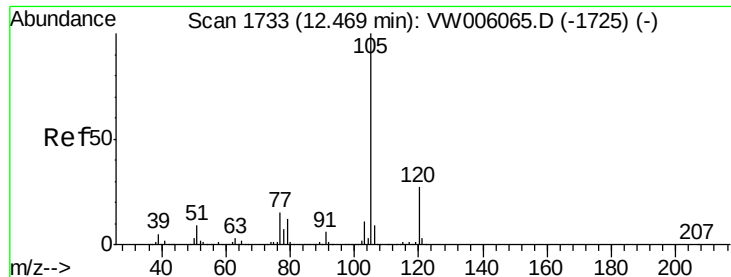
115 55.2 27.8 83.3

150 175.5 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: 55.321 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampled :

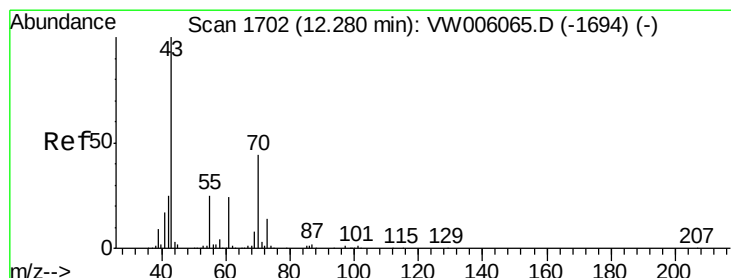
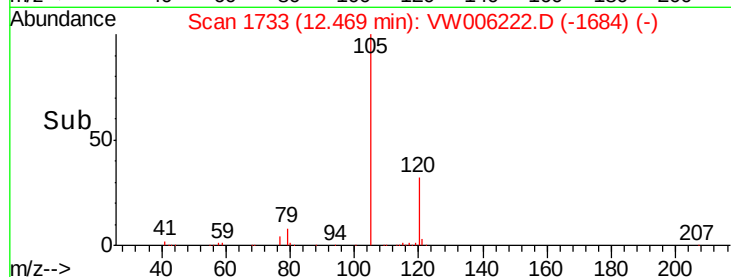
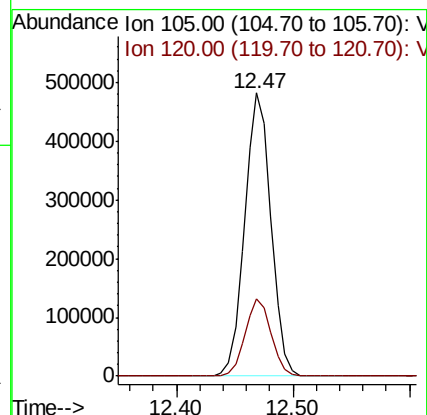
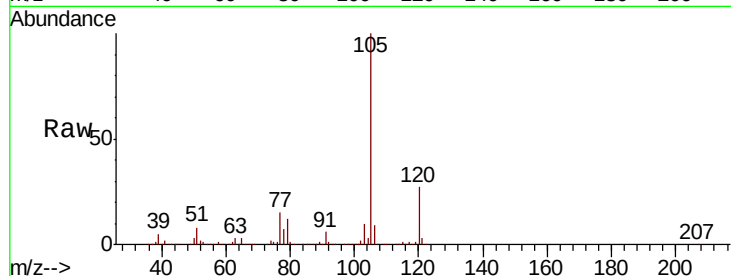
VSTDCCC050

Tot Ion:105 Resp: 753406

Ion Ratio Lower Upper

105 100

120 27.0 13.6 40.7



#74

N-ethyl acetate

Concen: 46.625 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Tgt Ion: 43 Resp: 123330

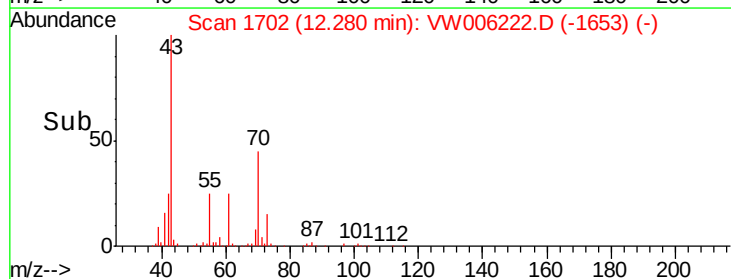
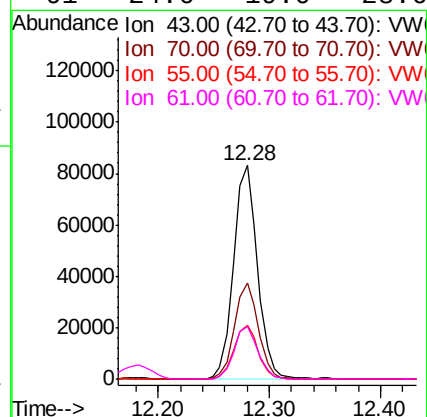
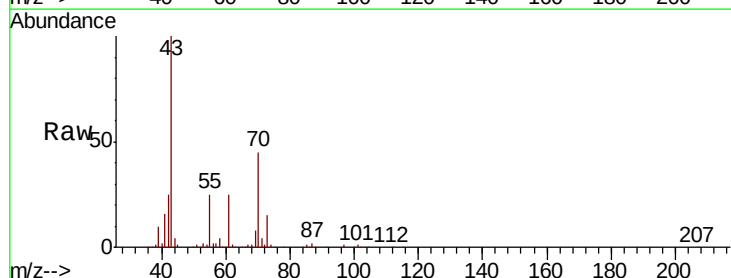
Ion Ratio Lower Upper

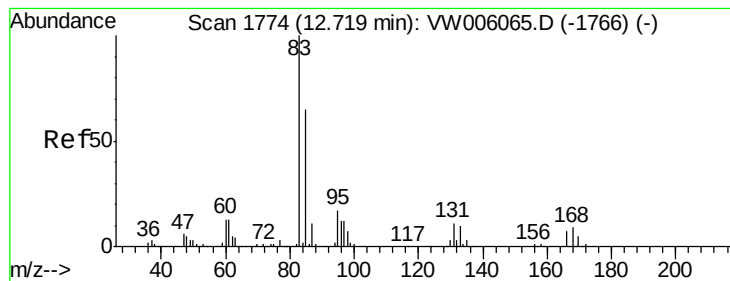
43 100

70 45.1 34.2 51.4

55 25.4 19.2 28.8

61 24.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.516 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

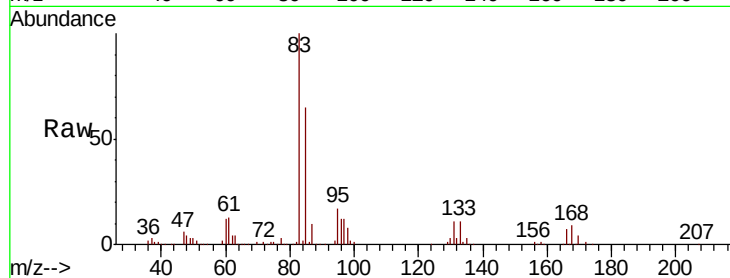
Tot Ion: 83 Resp: 102566

Ion Ratio Lower Upper

83 100

131 12.0 5.9 17.7

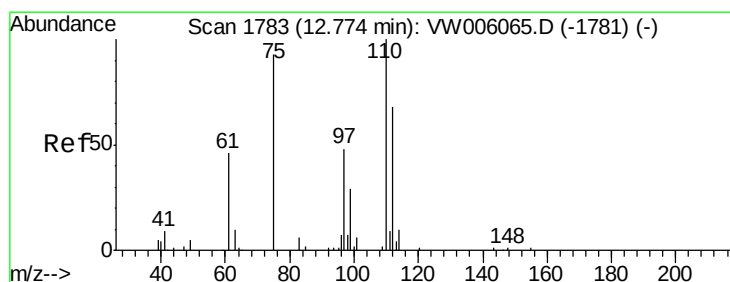
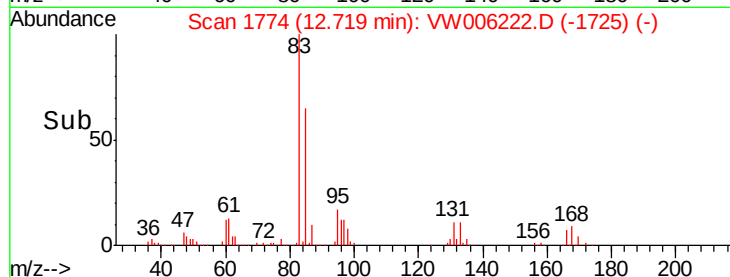
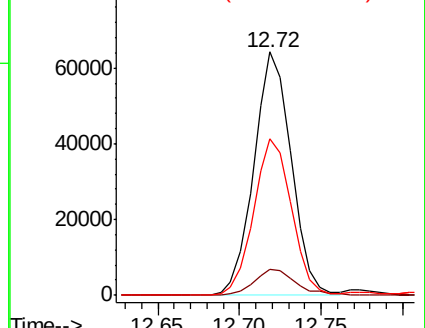
85 65.1 31.9 95.9



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: 90.855 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006222.D

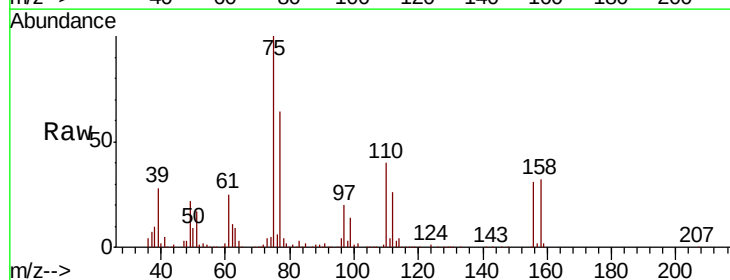
Acq: 19 Oct 2018 13:39

Tgt Ion: 75 Resp: 133776

Ion Ratio Lower Upper

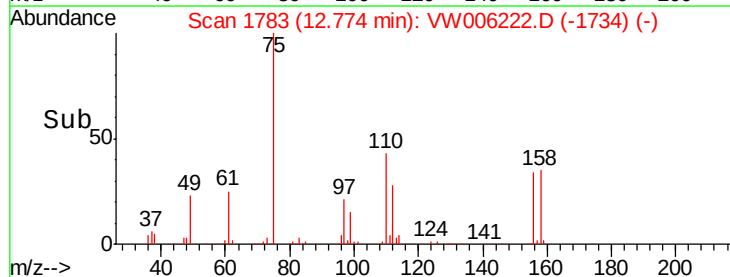
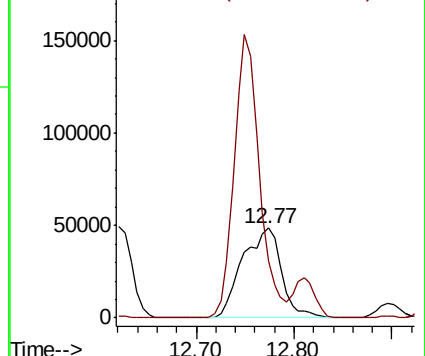
75 100

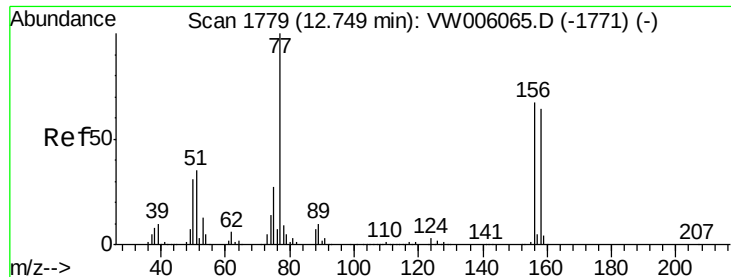
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

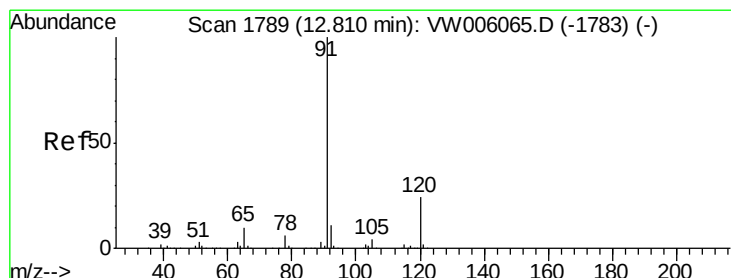
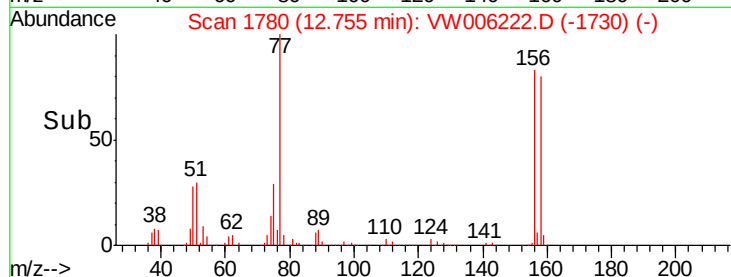
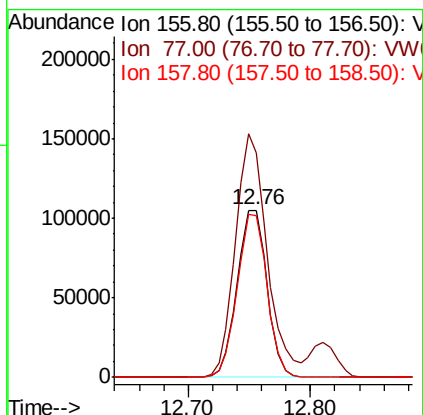
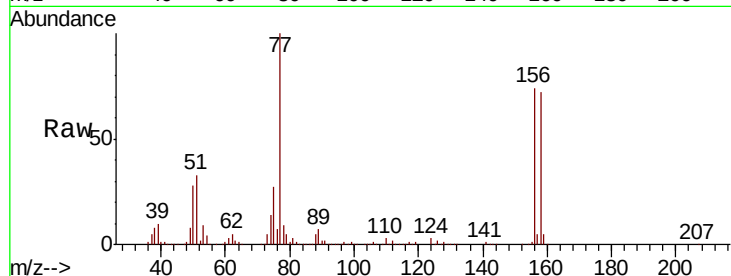




#77
Bromobenzene
Concen: 53.269 ug/l
RT: 12.76 min Scan# 1780
Delta R.T. 0.01 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

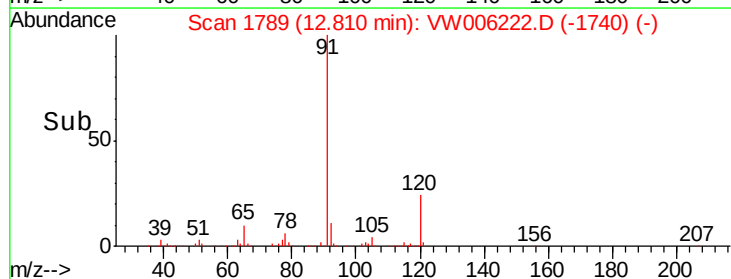
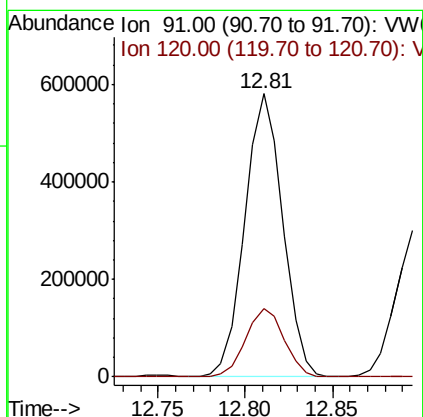
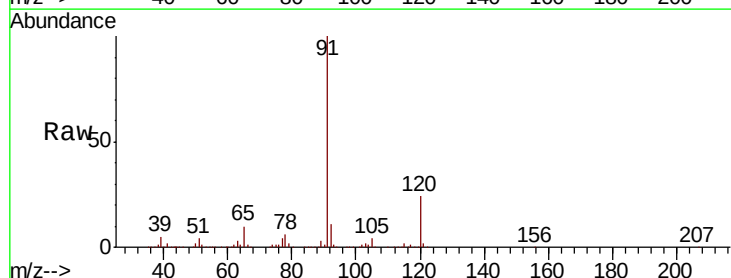
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

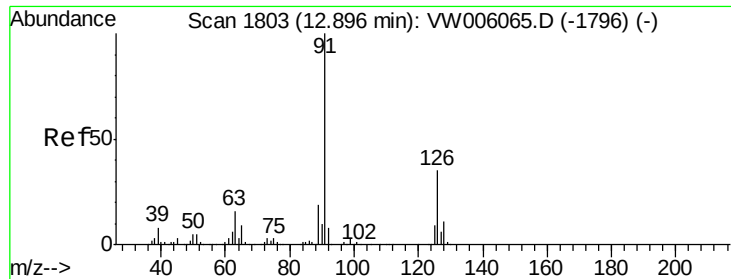
Tot Ion:156 Resp: 177690
Ion Ratio Lower Upper
156 100
77 155.0 79.1 237.4
158 97.0 48.5 145.6



#78
n-propylbenzene
Concen: 55.178 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 91 Resp: 874262
Ion Ratio Lower Upper
91 100
120 24.5 12.2 36.6

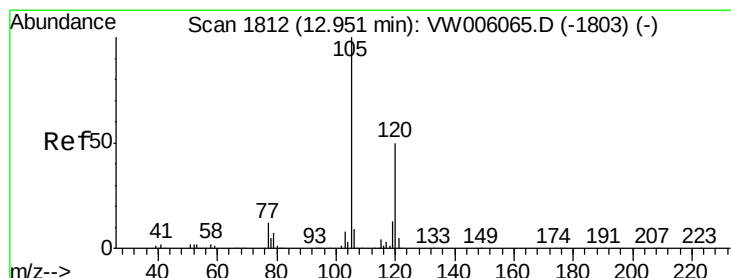
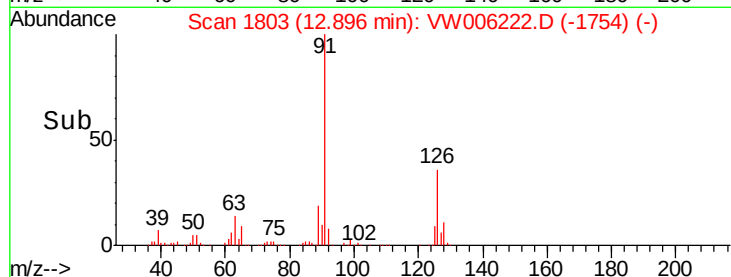
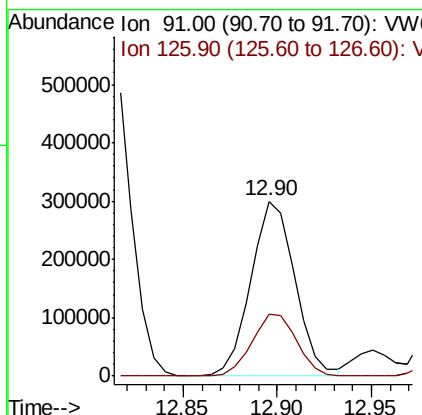
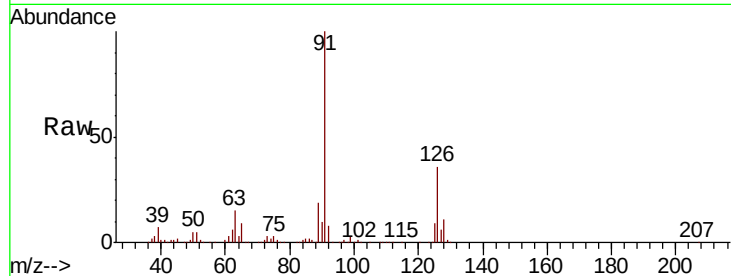




#79
 2-Chlorotoluene
 Concen: 54.888 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

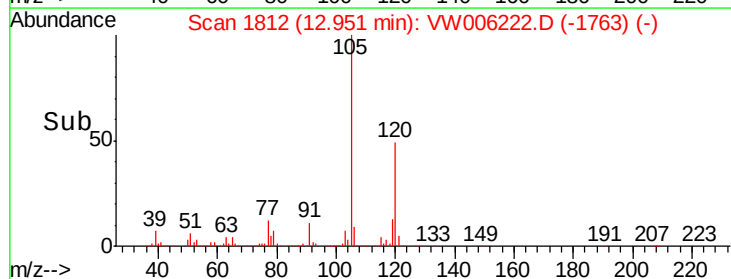
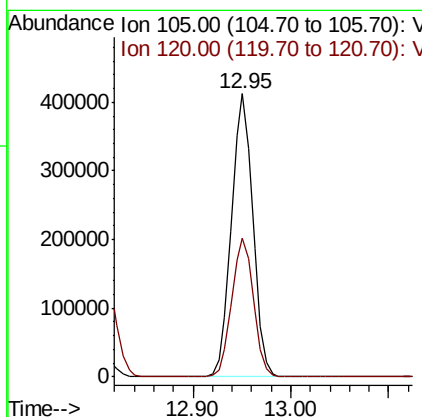
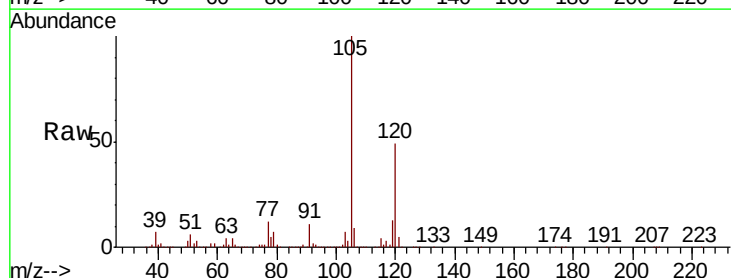
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

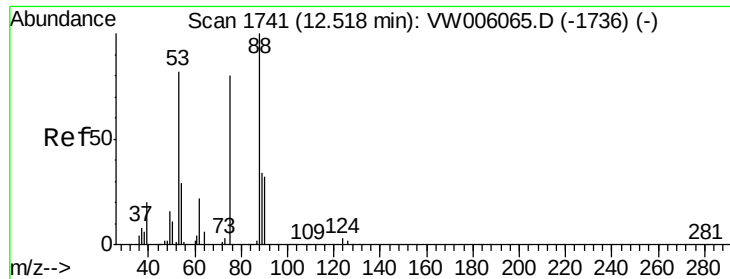
Tot Ion: 91 Resp: 488630
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.9 53.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.568 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion:105 Resp: 626498
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6

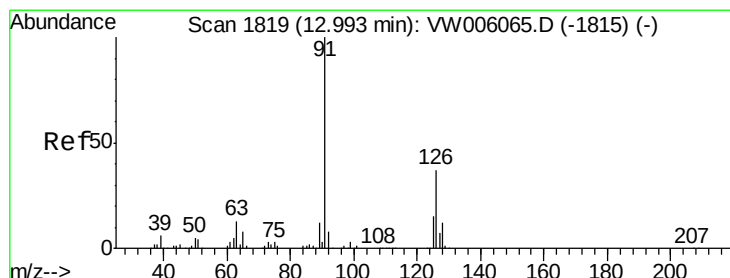
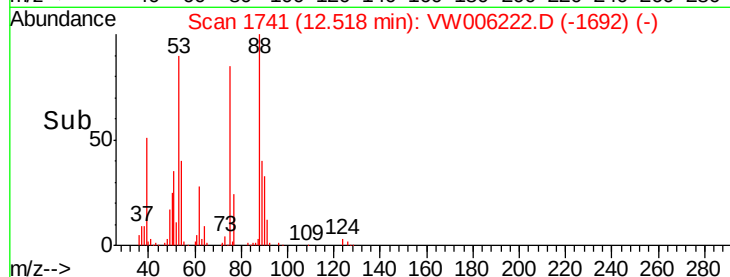
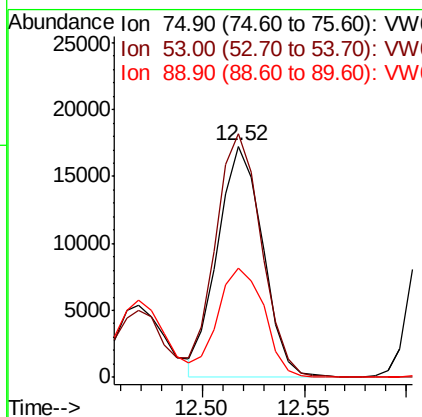
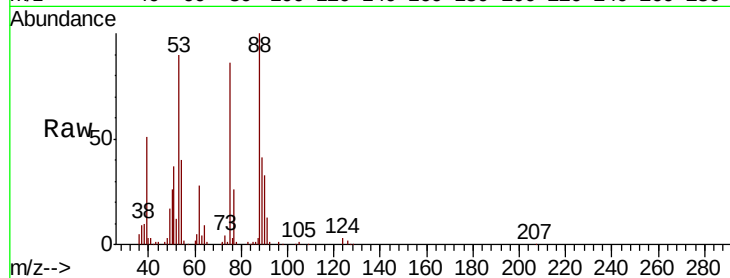




#81
trans-1,4-Dichloro-2-butene
Concen: 42.786 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

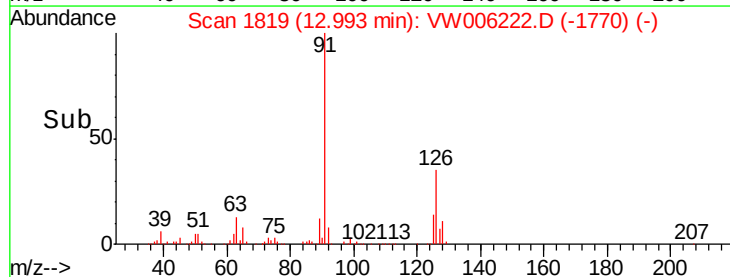
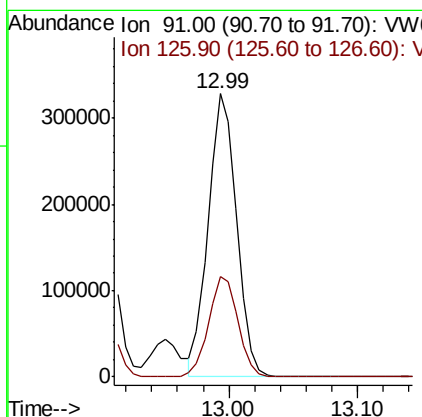
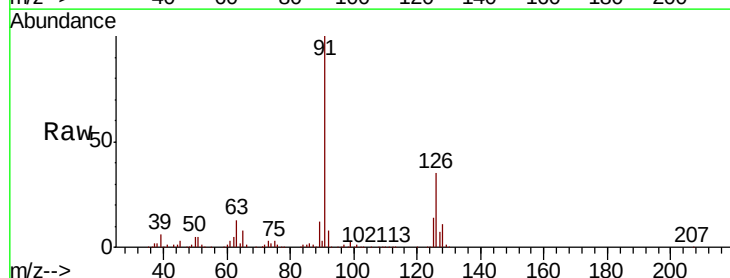
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

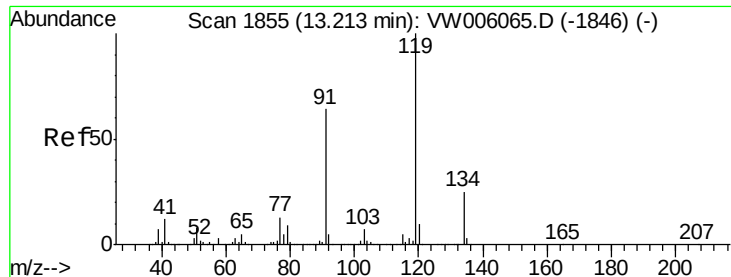
Tot Ion: 75 Resp: 26355
Ion Ratio Lower Upper
75 100
53 109.6 79.8 119.6
89 49.1 37.5 56.3



#82
4-Chlorotoluene
Concen: 54.150 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion: 91 Resp: 504979
Ion Ratio Lower Upper
91 100
126 36.7 18.1 54.3

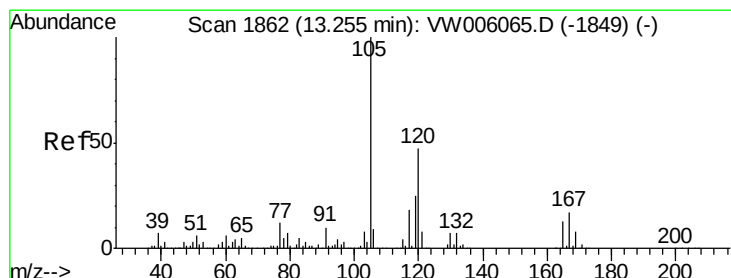
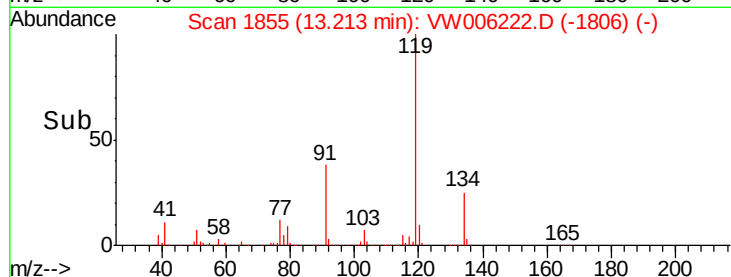
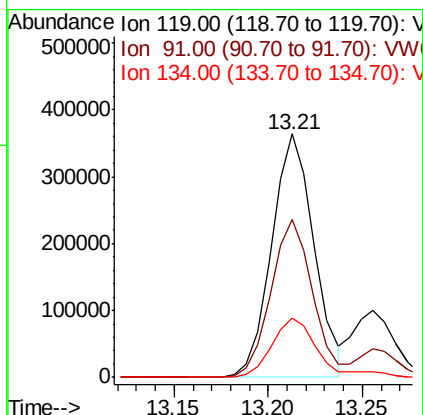
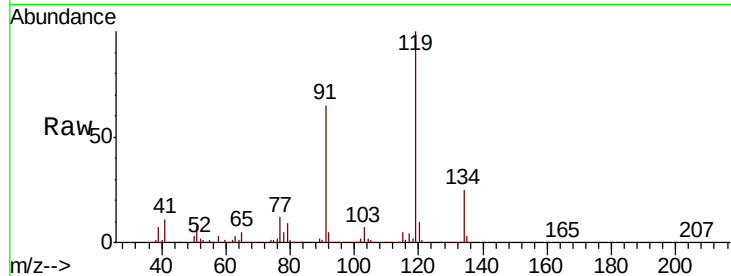




#83
tert-Butylbenzene
Concen: 55.094 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

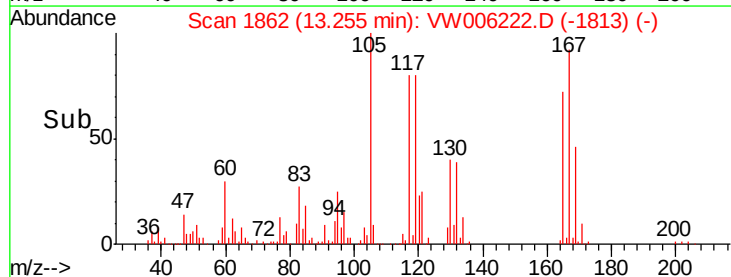
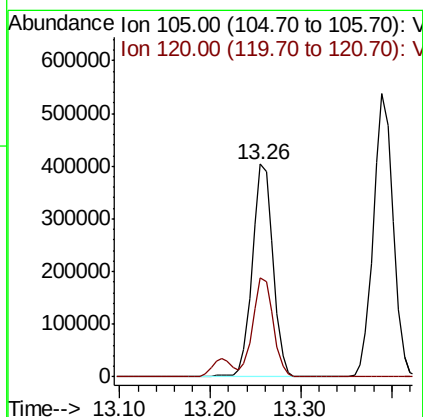
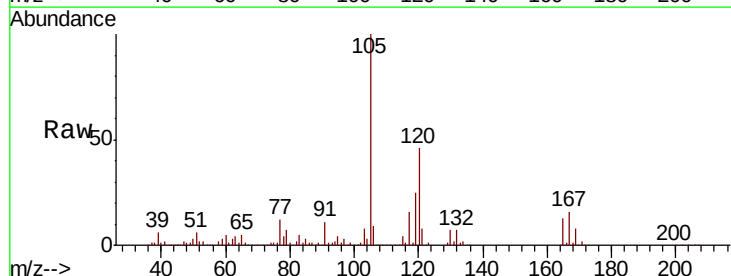
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

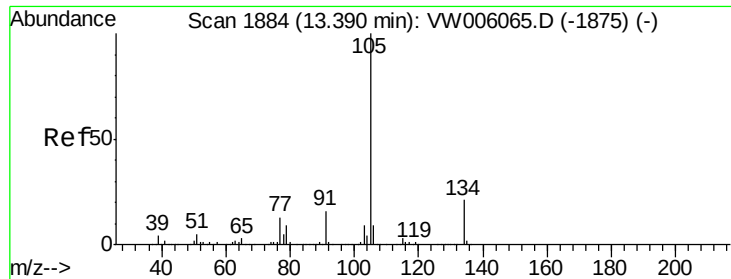
Tot Ion:119 Resp: 565934
Ion Ratio Lower Upper
119 100
91 64.7 32.3 96.9
134 24.9 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 54.807 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006222.D
Acq: 19 Oct 2018 13:39

Tgt Ion:105 Resp: 636739
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.3

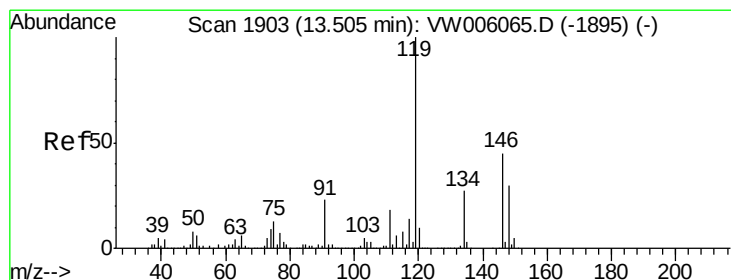
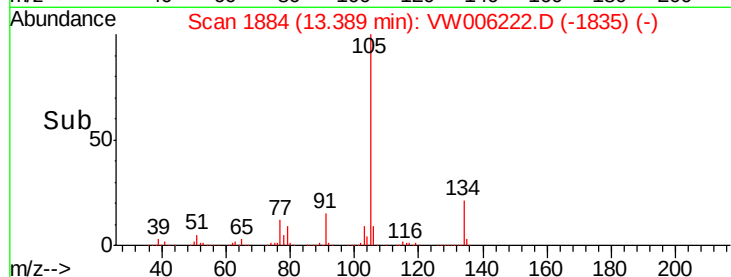
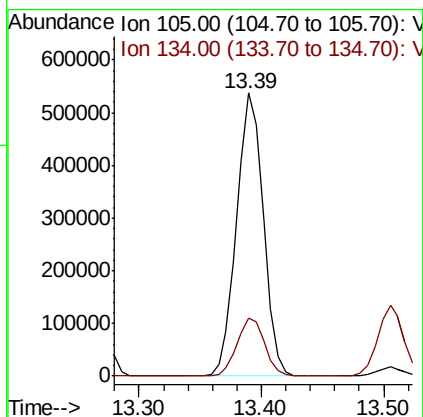
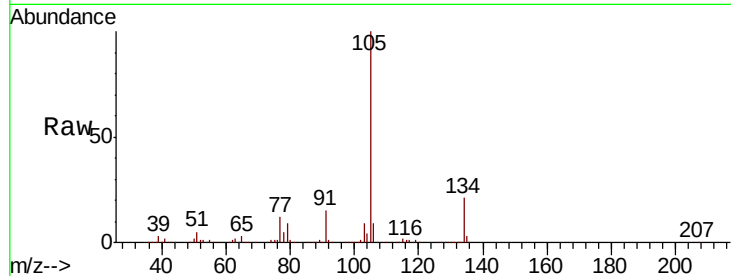




#85
 sec-Butylbenzene
 Concen: 55.873 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

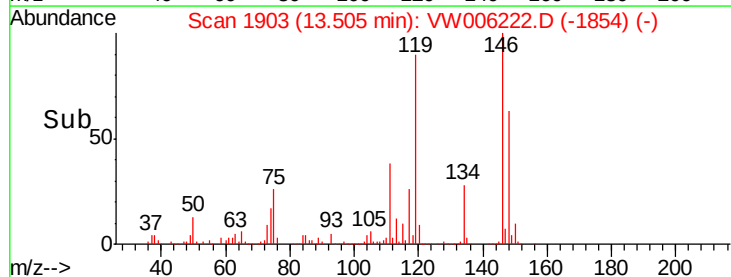
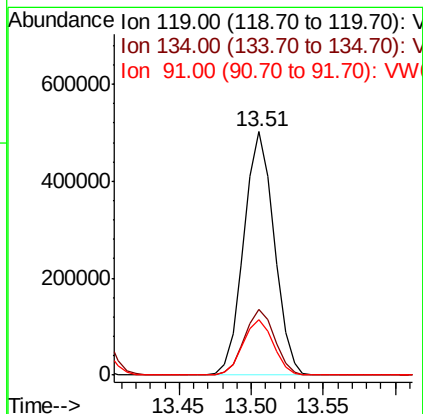
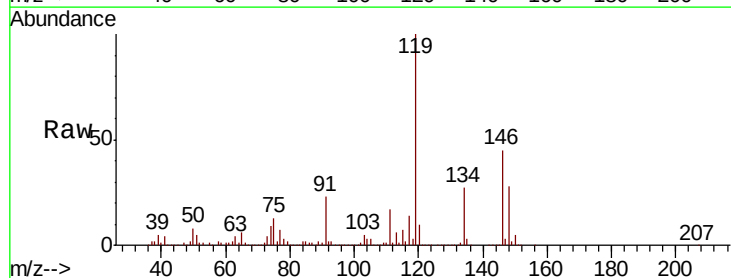
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

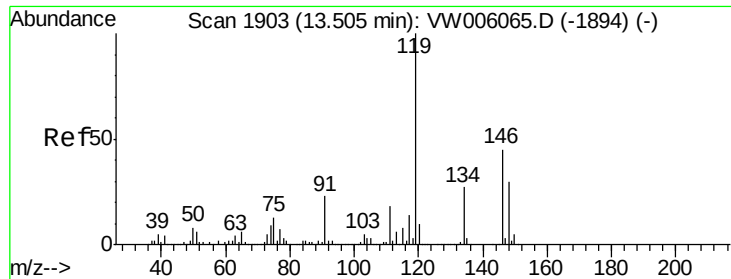
Tot Ion:105 Resp: 810812
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 55.882 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion:119 Resp: 733496
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.7 11.4 34.1

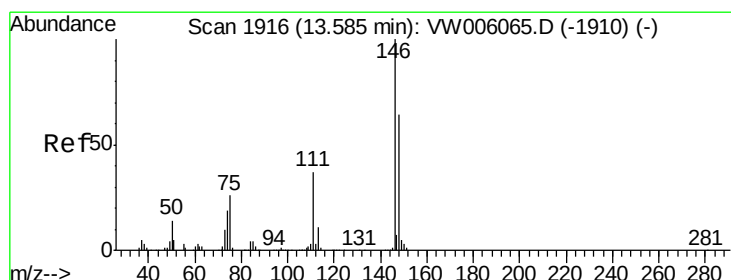
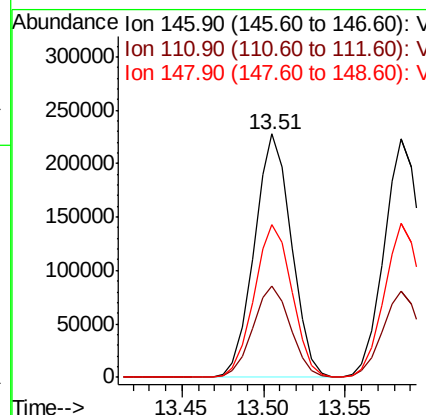
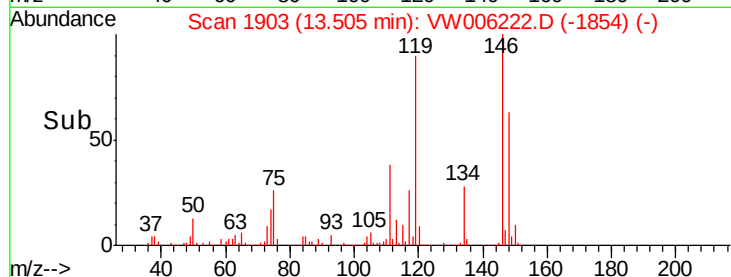
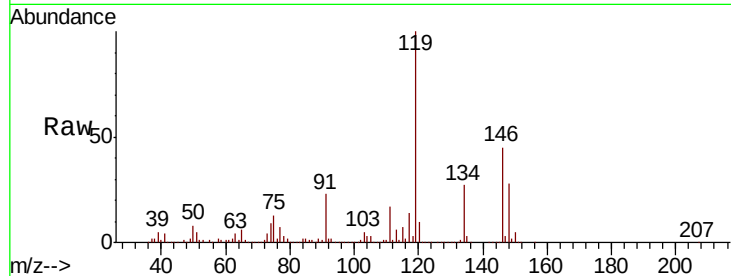




#87
 1,3-Dichlorobenzene
 Concen: 54.271 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

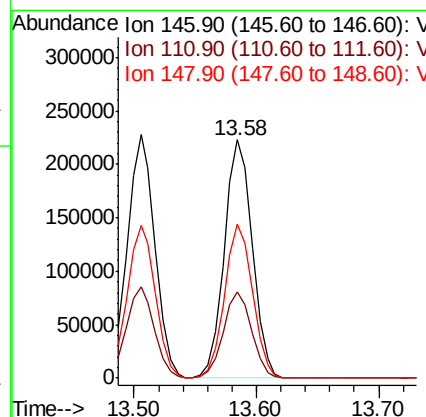
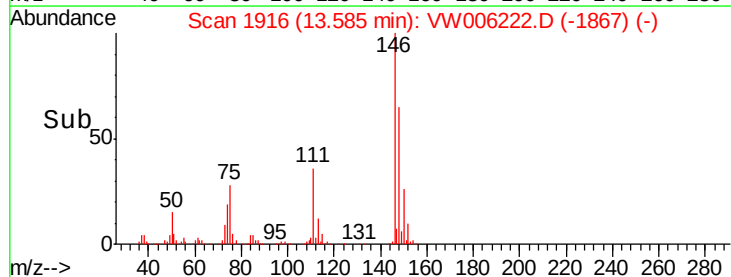
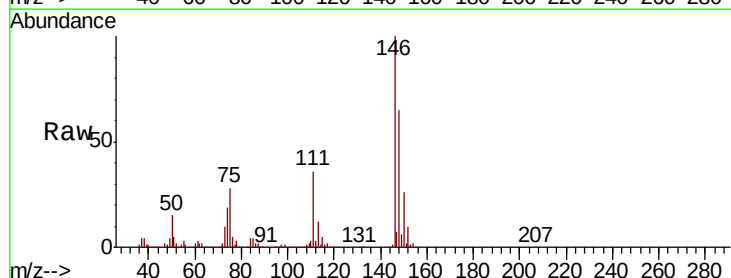
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

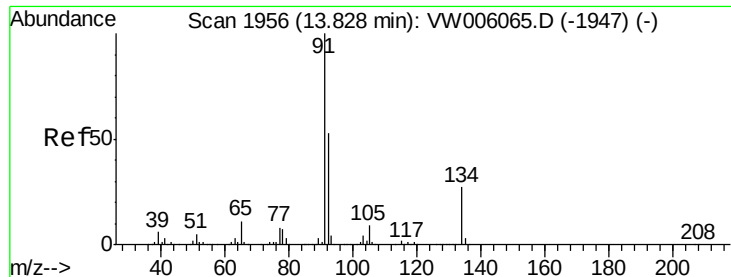
Tot Ion:146 Resp: 360282
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 53.452 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion:146 Resp: 353309
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.6 56.0
 148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 56.461 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

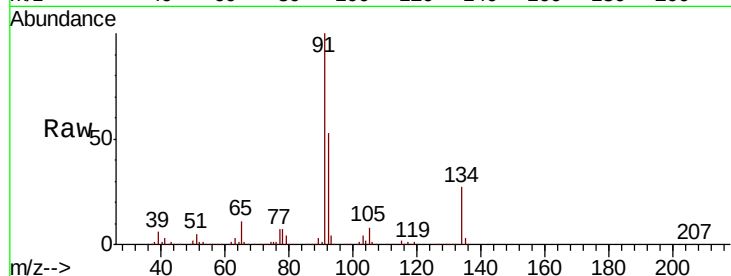
Tot Ion: 91 Resp: 677768

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

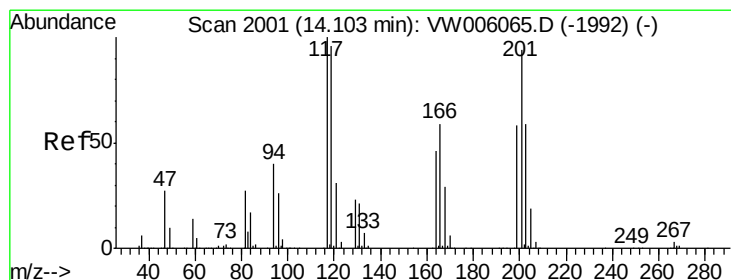
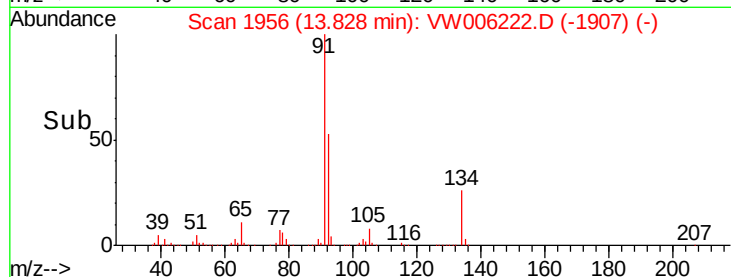
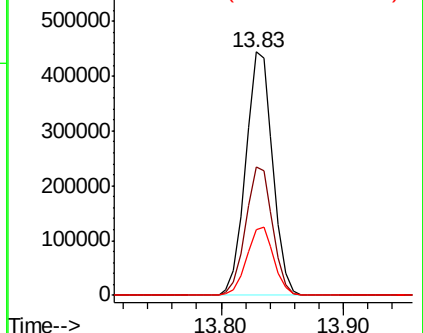
134 28.2 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.121 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW006222.D

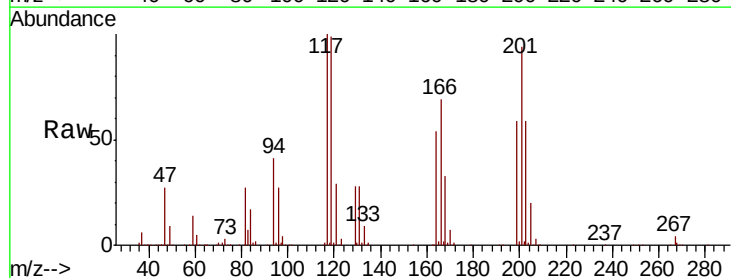
Acq: 19 Oct 2018 13:39

Tgt Ion: 117 Resp: 113658

Ion Ratio Lower Upper

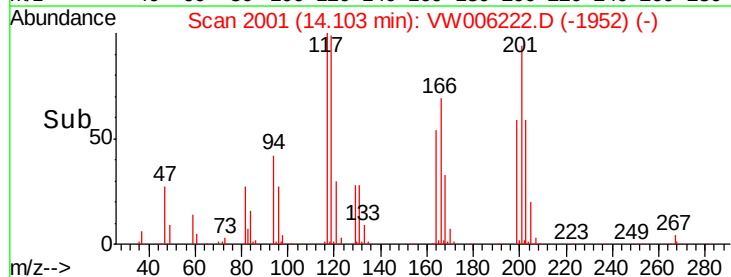
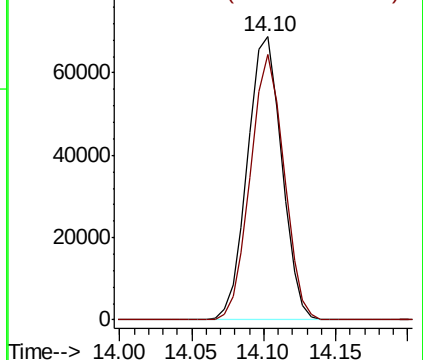
117 100

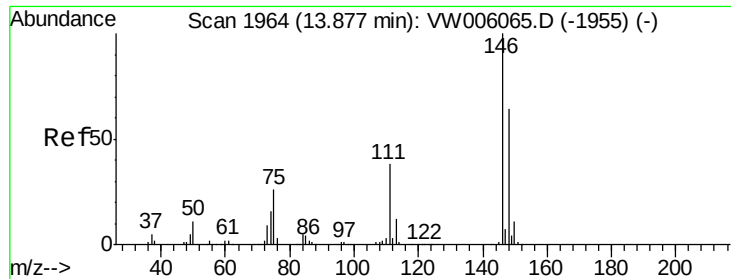
201 91.8 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

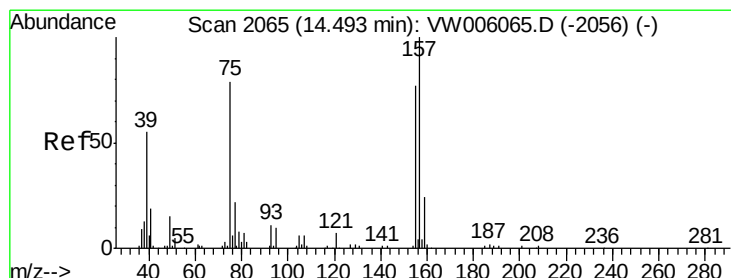
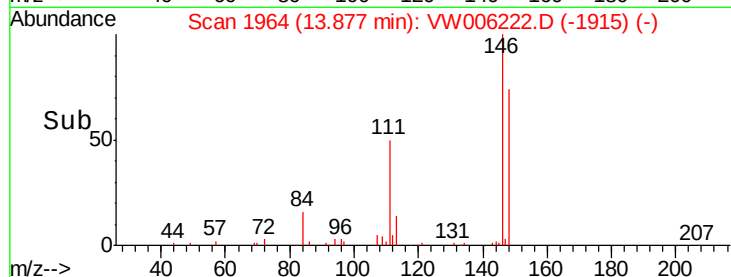
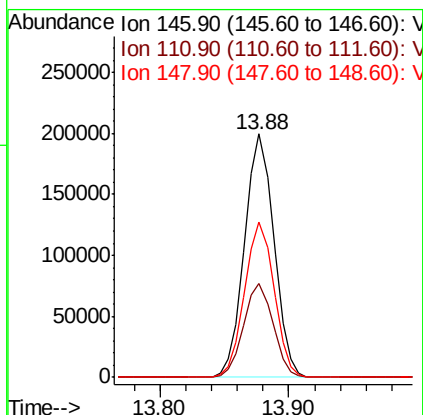
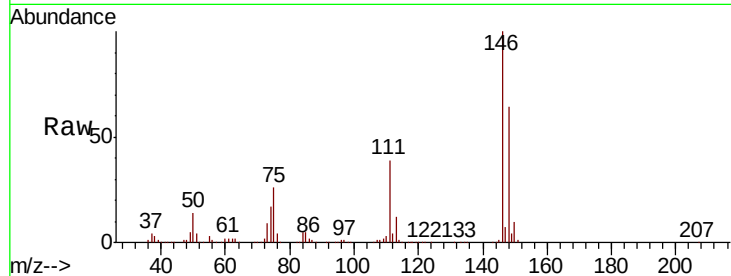




#91
 1,2-Dichlorobenzene
 Concen: 53.145 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

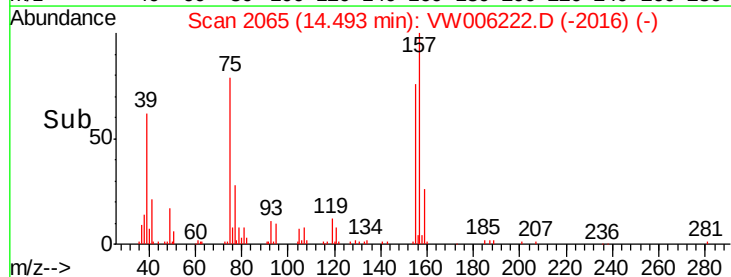
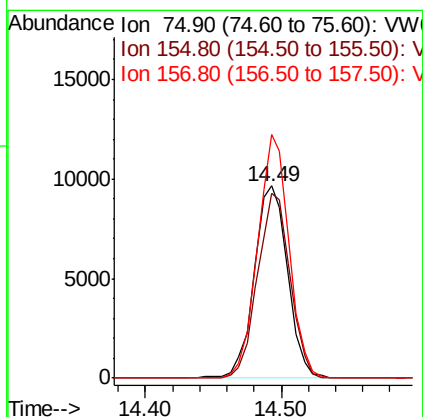
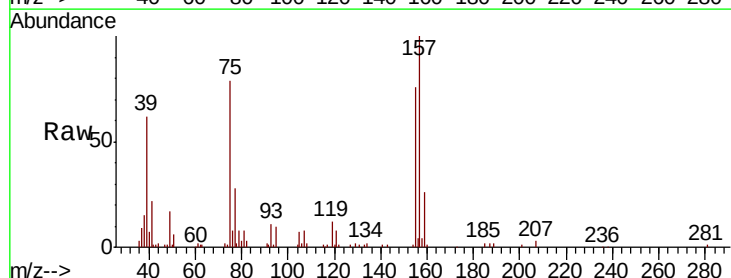
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

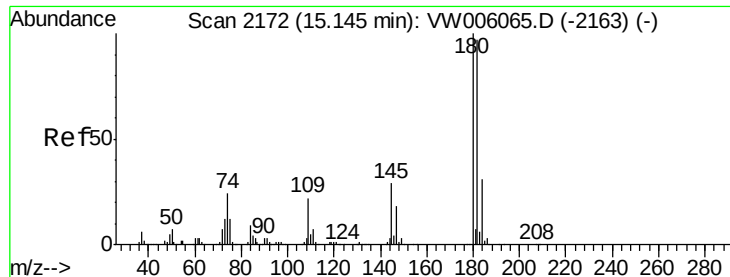
Tot Ion:146 Resp: 314707
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.6 58.7
 148 64.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.790 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Tgt Ion: 75 Resp: 16611
 Ion Ratio Lower Upper
 75 100
 155 93.5 46.5 139.5
 157 118.7 59.8 179.4

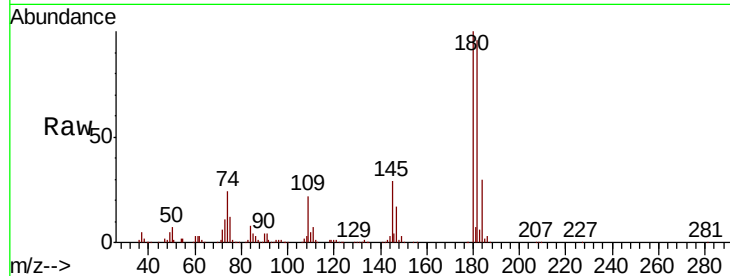




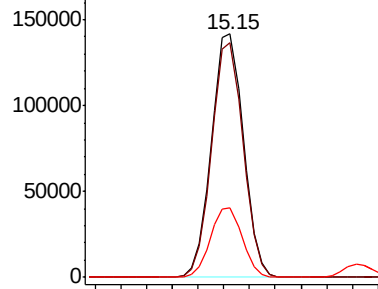
#93
 1,2,4-Trichlorobenzene
 Concen: 53.258 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

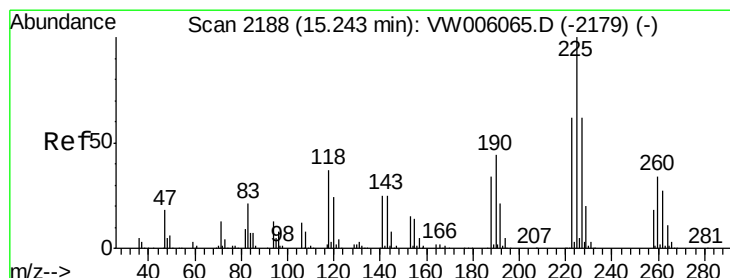
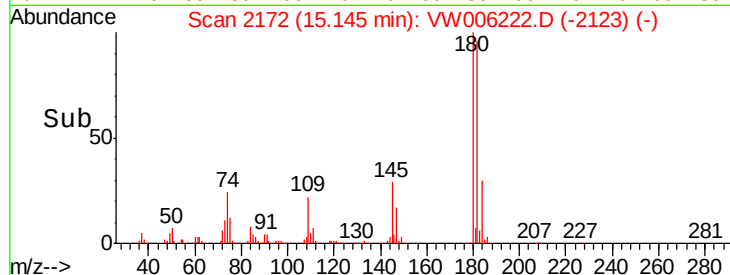
Tot Ion:180 Resp: 242663
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.9 143.6
 145 28.4 14.2 42.8



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

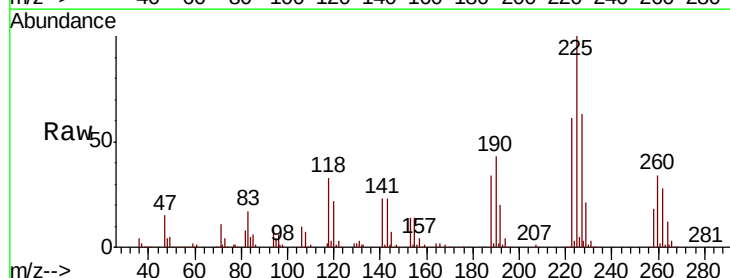


Time-->

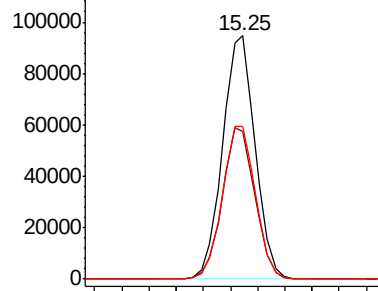


#94
 Hexachlorobutadiene
 Concen: 55.378 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. 0.01 min
 Lab File: VW006222.D
 Acq: 19 Oct 2018 13:39

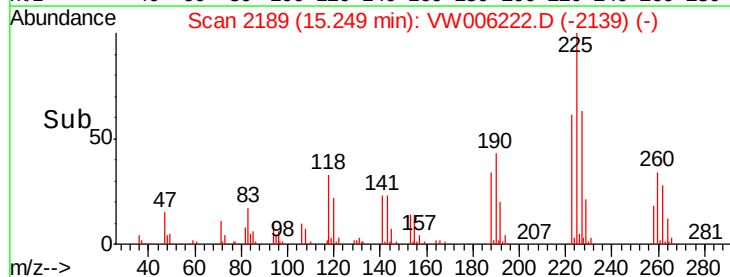
Tgt Ion:225 Resp: 158507
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 63.8 32.4 97.0

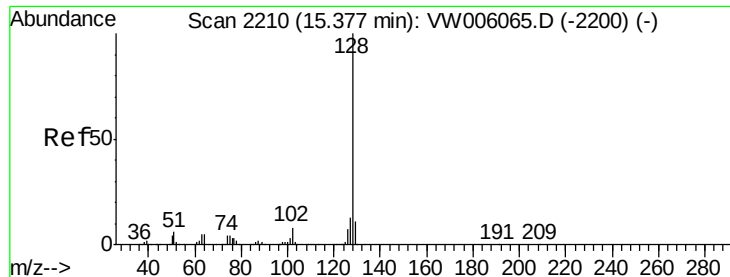


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 49.721 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

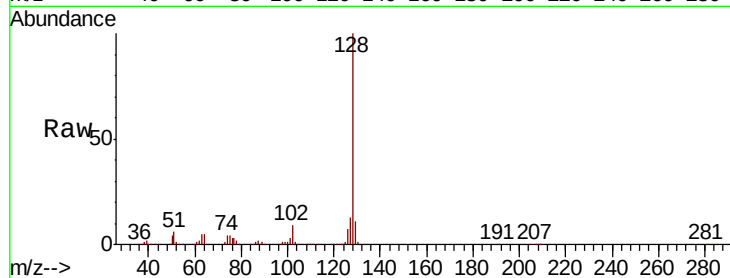
Tot Ion:128 Resp: 376865

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

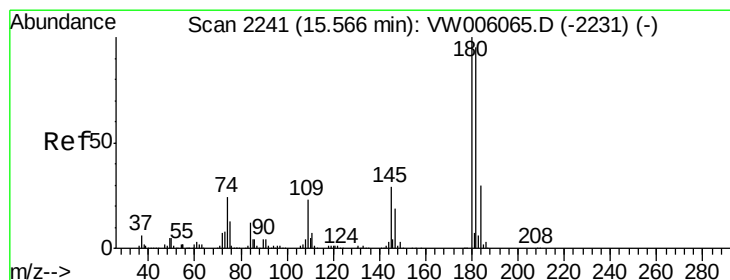
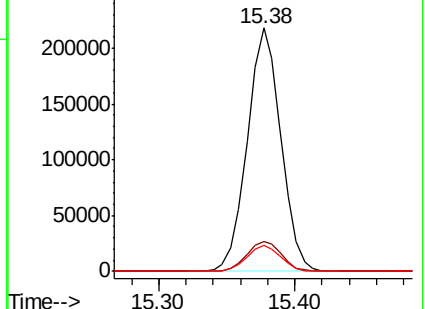
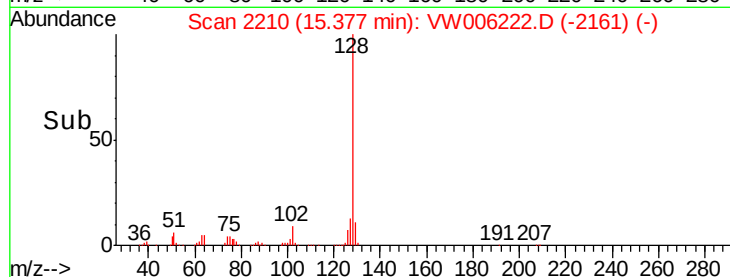
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.212 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006222.D

Acq: 19 Oct 2018 13:39

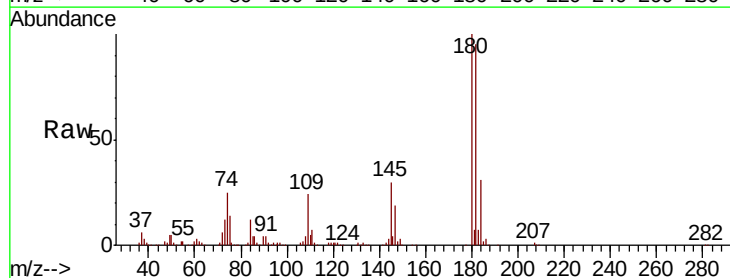
Tgt Ion:180 Resp: 205769

Ion Ratio Lower Upper

180 100

182 94.6 47.8 143.3

145 30.0 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

