

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
 Data File : VW006065.D
 Acq On : 15 Oct 2018 18:20
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 16 04:24:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	287137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	411649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	214298	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	117161	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
35) Dibromofluoromethane	7.89	113	120810	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.33	98	457179	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	12.62	95	173812	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	73742	52.002	ug/l	100
3) Chloromethane	2.22	50	86873	51.431	ug/l	100
4) Vinyl Chloride	2.37	62	129949	49.601	ug/l	100
5) Bromomethane	2.79	94	113077	53.839	ug/l	100
6) Chloroethane	2.93	64	92673	54.460	ug/l	100
7) Trichlorofluoromethane	3.26	101	123083	57.629	ug/l	100
8) Diethyl Ether	3.68	74	67106	51.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122473	46.866	ug/l	100
10) Methyl Iodide	4.27	142	206817	48.210	ug/l	100
11) Tert butyl alcohol	5.23	59	36167	183.475	ug/l	100
12) 1,1-Dichloroethene	4.04	96	114417	45.830	ug/l	100
13) Acrolein	3.90	56	35576	198.621	ug/l	100
14) Allyl chloride	4.67	41	164916	39.481	ug/l	100
15) Acrylonitrile	5.38	53	110769	203.888	ug/l	100
16) Acetone	4.15	43	101257	189.701	ug/l	100
17) Carbon Disulfide	4.38	76	354747	47.016	ug/l	100
18) Methyl Acetate	4.68	43	57838	42.296	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	175802	45.315	ug/l	100
20) Methylene Chloride	4.92	84	121329	43.802	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	129583	47.482	ug/l	100
22) Diisopropyl ether	6.32	45	328356	41.805	ug/l	100
23) Vinyl Acetate	6.26	43	957915	199.692	ug/l	100
24) 1,1-Dichloroethane	6.22	63	213089	43.985	ug/l	100
25) 2-Butanone	7.18	43	147868	193.636	ug/l	100
26) 2,2-Dichloropropane	7.17	77	142901	42.171	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	142863	46.379	ug/l	100
28) Bromochloromethane	7.52	49	87563	47.747	ug/l	100
29) Tetrahydrofuran	7.54	42	92904	192.314	ug/l	100
30) Chloroform	7.68	83	228970	45.710	ug/l	100
31) Cyclohexane	7.96	56	197477	41.310	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	207355	46.405	ug/l	100
36) 1,1-Dichloropropene	8.09	75	181993	46.739	ug/l	100
37) Ethyl Acetate	7.26	43	64583	39.901	ug/l	100
38) Carbon Tetrachloride	8.07	117	201228	47.944	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 04:19:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	241571	47.103	ug/l	100
40) Benzene	8.33	78	498088	46.717	ug/l	100
41) Methacrylonitrile	7.49	41	41421	40.572	ug/l	100
42) 1,2-Dichloroethane	8.40	62	147525	45.816	ug/l	100
43) Isopropyl Acetate	8.43	43	136202	40.406	ug/l	100
44) Trichloroethene	9.10	130	153415	49.291	ug/l	100
45) 1,2-Dichloropropane	9.37	63	119474	44.974	ug/l	100
46) Dibromomethane	9.46	93	68330	46.513	ug/l	100
47) Bromodichloromethane	9.65	83	167318	45.426	ug/l	100
48) Methyl methacrylate	9.44	41	66447	41.269	ug/l	100
49) 1,4-Dioxane	9.48	88	21768	970.464	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	342287	207.553	ug/l	100
52) Toluene	10.39	92	334325	47.547	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167903	43.990	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	191853	44.540	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	95224	46.668	ug/l	100
56) Ethyl methacrylate	10.65	69	117099	43.192	ug/l	100
57) 1,3-Dichloropropane	10.94	76	158237	46.260	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	215983	197.475	ug/l	100
59) 2-Hexanone	10.98	43	241080	204.984	ug/l	100
60) Dibromochloromethane	11.13	129	122127	46.566	ug/l	100
61) 1,2-Dibromoethane	11.24	107	96603	47.339	ug/l	100
64) Tetrachloroethene	10.87	164	139918	49.618	ug/l	100
65) Chlorobenzene	11.66	112	385403	47.893	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	140968	47.780	ug/l	100
67) Ethyl Benzene	11.74	91	674149	47.595	ug/l	100
68) m/p-Xylenes	11.85	106	535581	96.473	ug/l	100
69) o-Xylene	12.17	106	255865	48.098	ug/l	100
70) Styrene	12.19	104	420043	47.685	ug/l	100
71) Bromoform	12.35	173	80040	45.857	ug/l #	100
73) Isopropylbenzene	12.47	105	721745	46.717	ug/l	100
74) N-amyl acetate	12.28	43	140233	39.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	111353	44.249	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	148305	80.309	ug/l #	100
77) Bromobenzene	12.75	156	177927	48.332	ug/l	100
78) n-propylbenzene	12.81	91	846607	46.624	ug/l	100
79) 2-Chlorotoluene	12.90	91	478918	46.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	616943	47.235	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33428	38.435	ug/l	100
82) 4-Chlorotoluene	12.99	91	497970	46.305	ug/l	100
83) tert-Butylbenzene	13.21	119	547709	47.205	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	622506	47.298	ug/l	100
85) sec-Butylbenzene	13.39	105	779183	47.803	ug/l	100
86) p-Isopropyltoluene	13.51	119	710953	48.430	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	353004	48.327	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	350420	48.282	ug/l	100
89) n-Butylbenzene	13.83	91	642349	46.717	ug/l	100
90) Hexachloroethane	14.10	117	123967	45.392	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	314672	48.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19858	42.657	ug/l	100

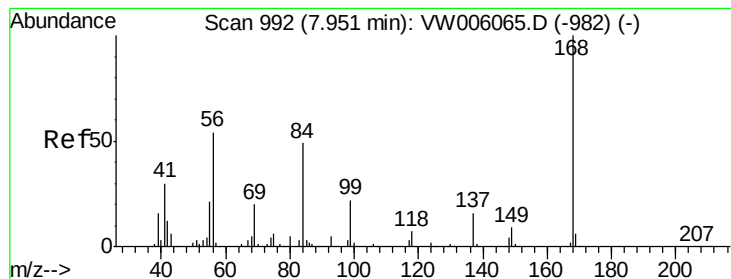
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101518\
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Acq On : 15 Oct 2018 18:20
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ClientSampleId :
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Quant Time: Oct 16 04:24:01 2018
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Quant Title : SW846 8260
QLast Update : Tue Oct 16 04:19:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	236071	47.194	ug/l	100
94) Hexachlorobutadiene	15.24	225	150327	48.121	ug/l	100
95) Naphthalene	15.38	128	397000	46.186	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	205310	47.384	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

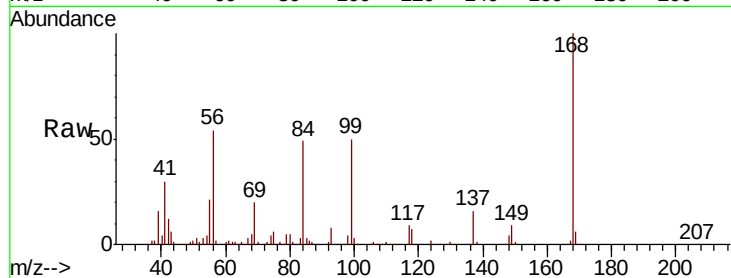
VSTDICCC050

Tgt Ion:168 Resp: 287137

Ion Ratio Lower Upper

168 100

99 49.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

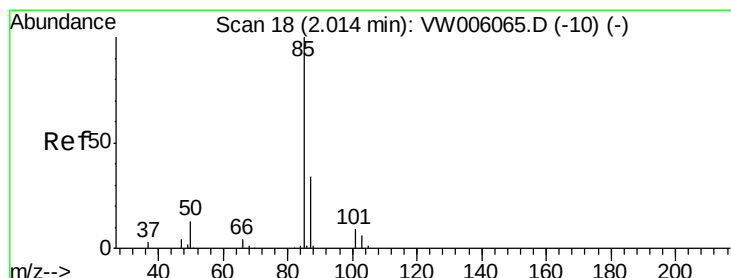
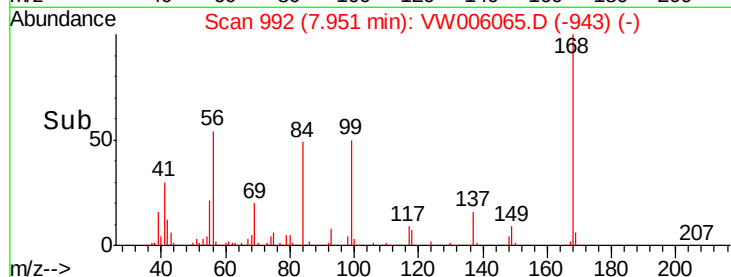
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 52.002 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006065.D

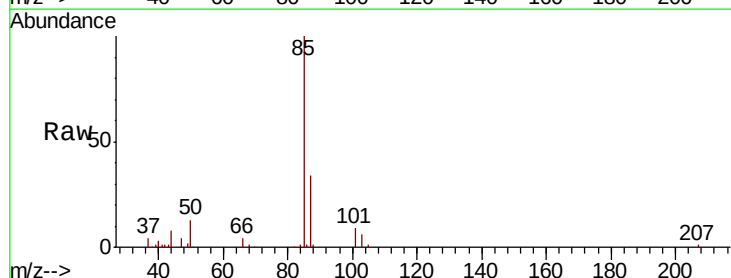
Acq: 15 Oct 2018 18:20

Tgt Ion: 85 Resp: 73742

Ion Ratio Lower Upper

85 100

87 33.7 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

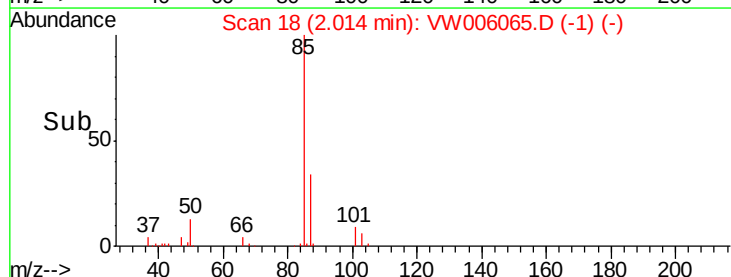
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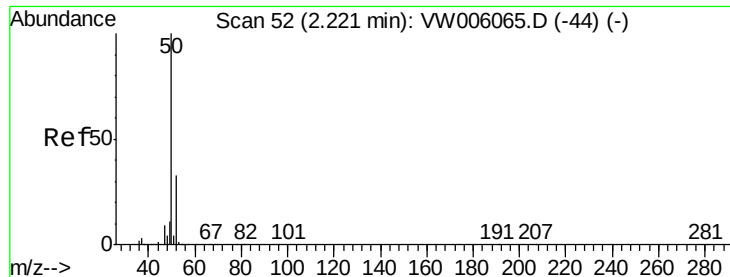
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0

1.90 2.00 2.10 2.20

Time-->

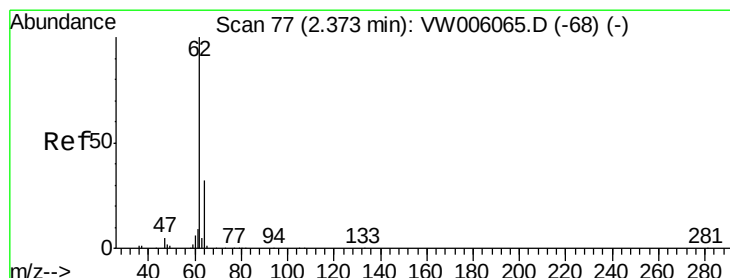
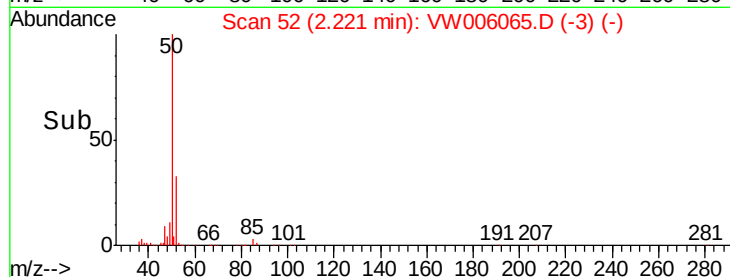
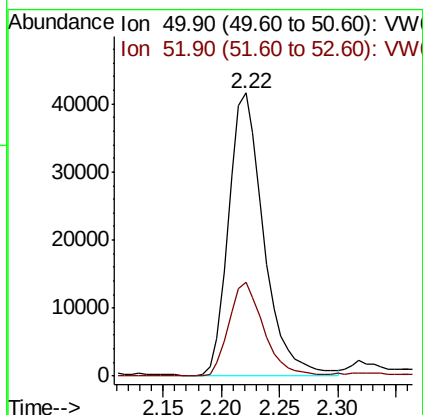
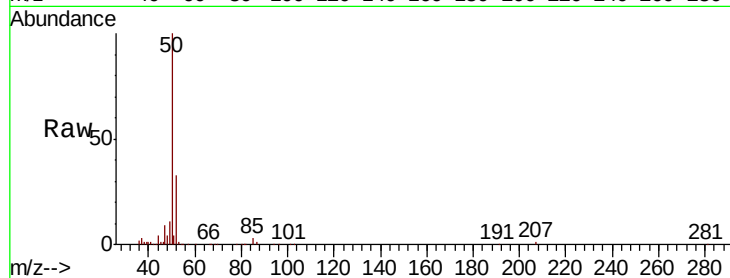




#3
Chloromethane
Concen: 51.431 ug/l
RT: 2.22 min Scan# 52
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

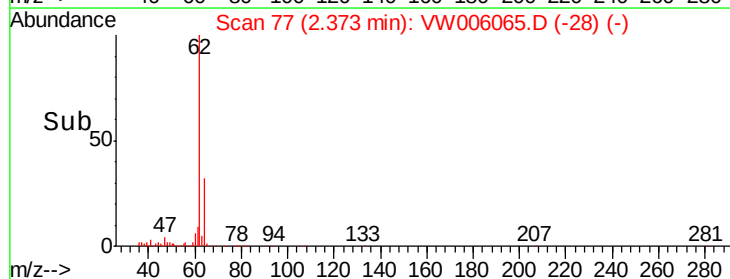
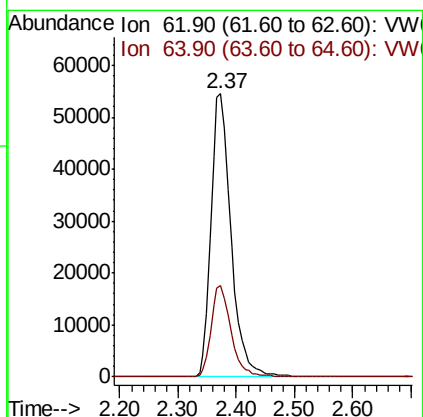
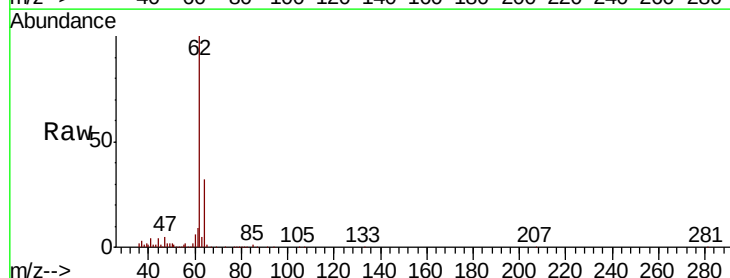
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

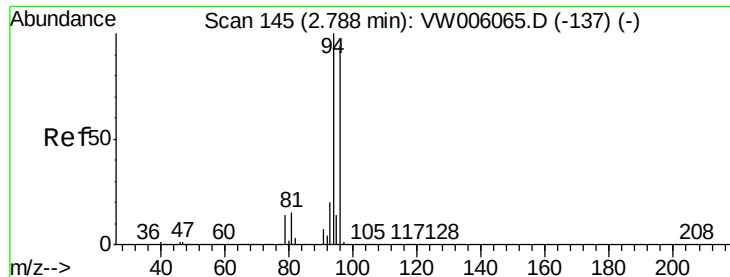
Tgt Ion: 50 Resp: 86873
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2



#4
Vinyl Chloride
Concen: 49.601 ug/l
RT: 2.37 min Scan# 77
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 62 Resp: 129949
Ion Ratio Lower Upper
62 100
64 32.4 25.9 38.9





#5

Bromomethane

Concen: 53.839 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

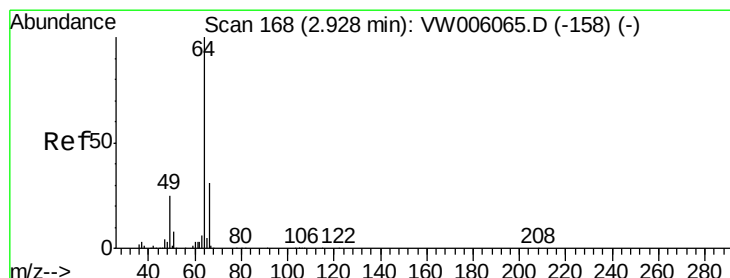
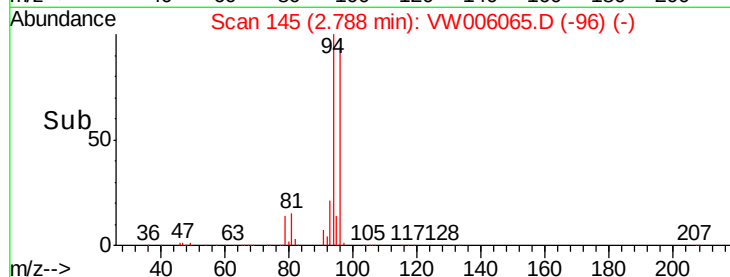
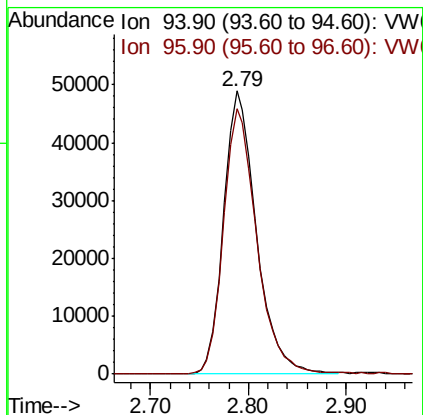
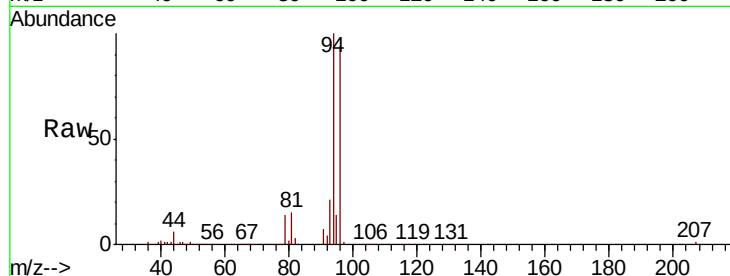
VSTDICCC050

Tgt Ion: 94 Resp: 113077

Ion Ratio Lower Upper

94 100

96 93.6 74.9 112.3



#6

Chloroethane

Concen: 54.460 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006065.D

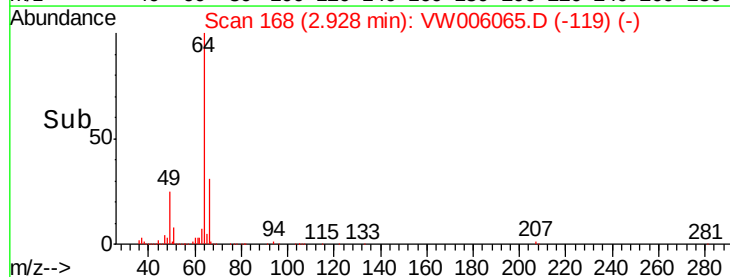
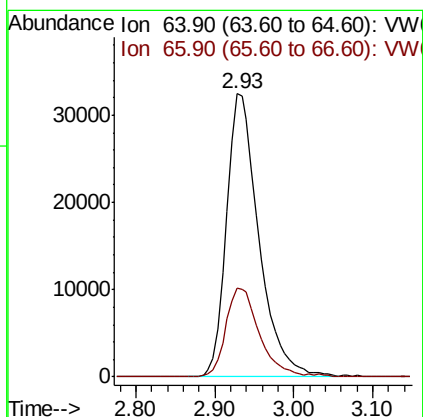
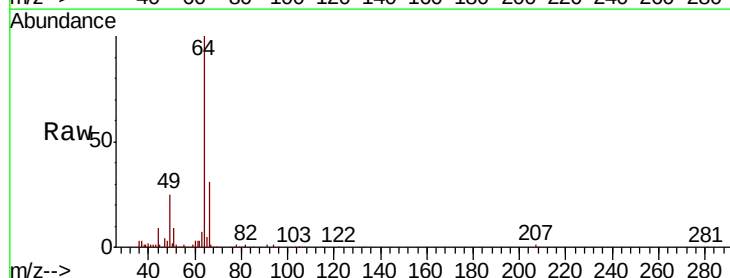
Acq: 15 Oct 2018 18:20

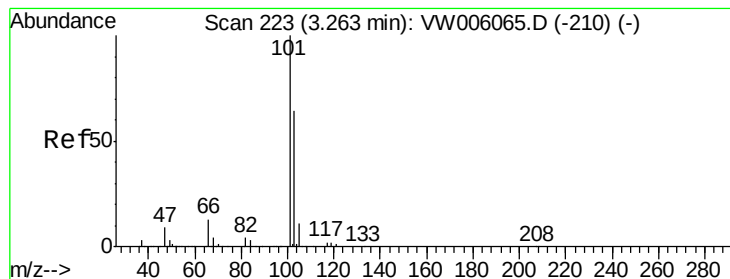
Tgt Ion: 64 Resp: 92673

Ion Ratio Lower Upper

64 100

66 31.1 24.9 37.3



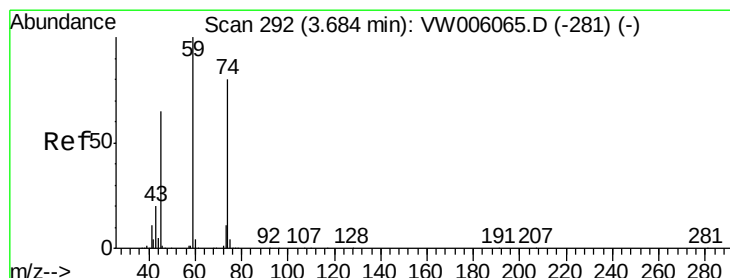
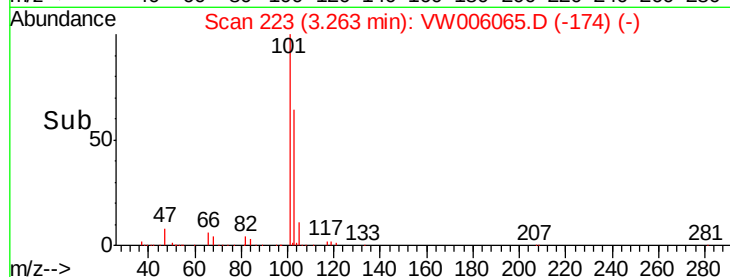
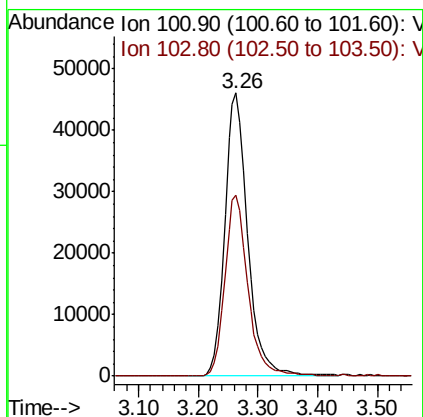
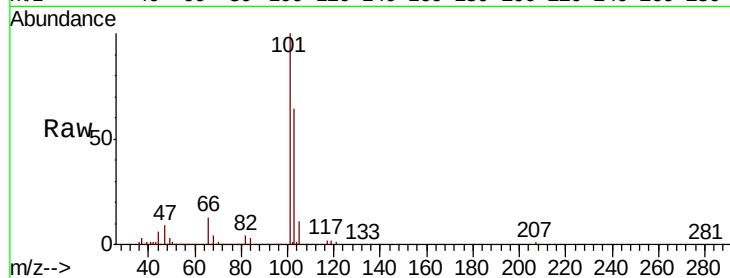


#7

Trichlorofluoromethane
 Concen: 57.629 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

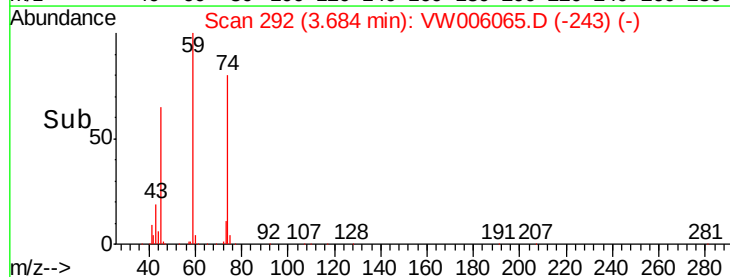
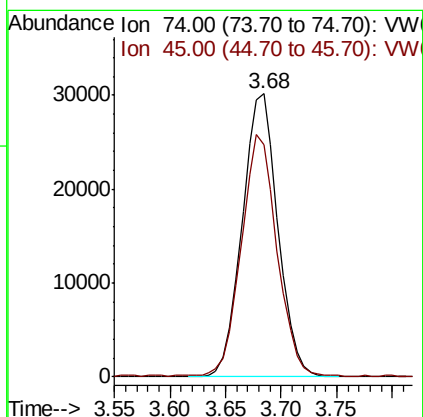
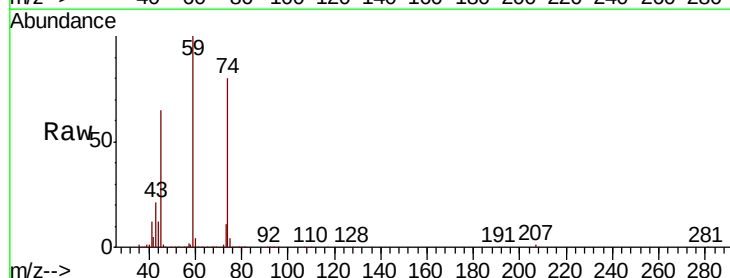
Tgt Ion: 101 Resp: 123083
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8

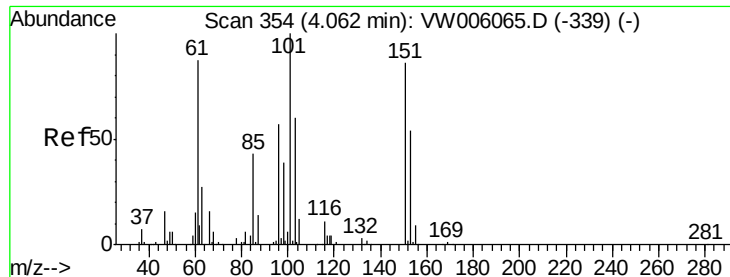


#8

Diethyl Ether
 Concen: 51.616 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 74 Resp: 67106
 Ion Ratio Lower Upper
 74 100
 45 85.5 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.866 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

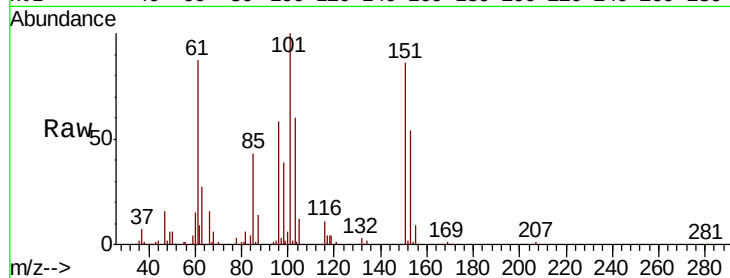
Tgt Ion:101 Resp: 122473

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

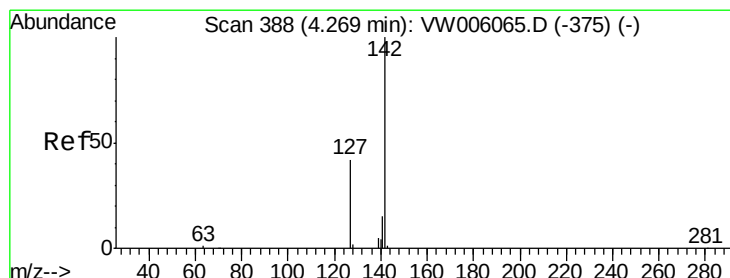
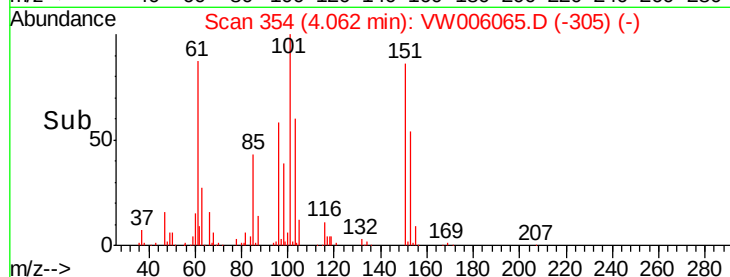
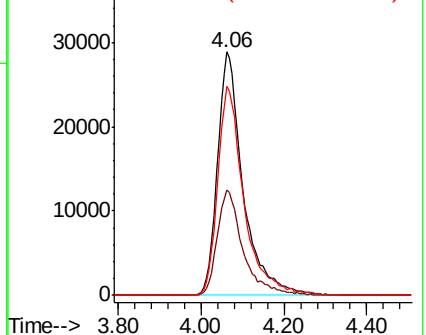
151 88.0 70.4 105.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.210 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

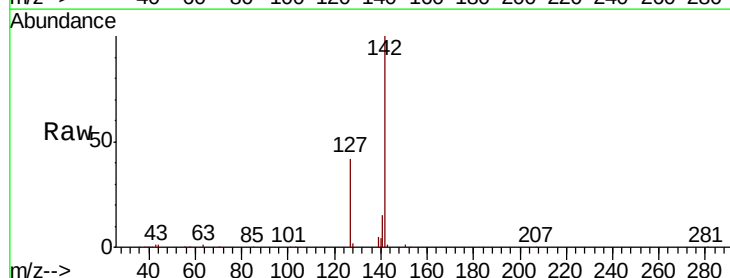
Tgt Ion:142 Resp: 206817

Ion Ratio Lower Upper

142 100

127 42.0 33.6 50.4

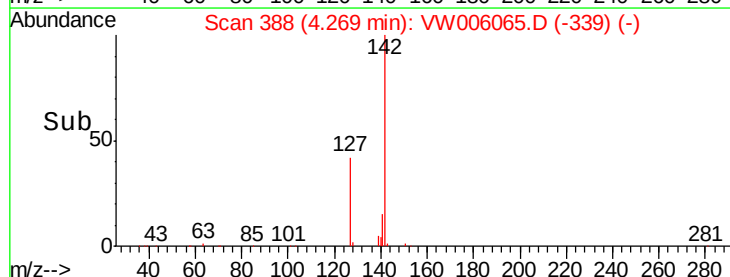
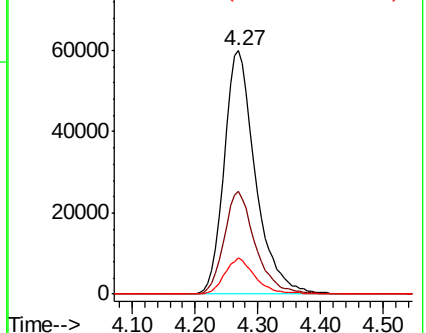
141 14.5 11.6 17.4

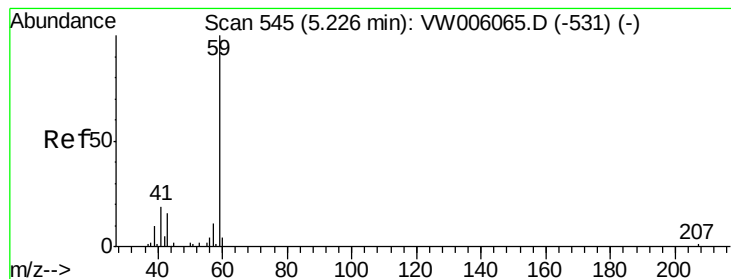


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 183.475 ug/l

RT: 5.23 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

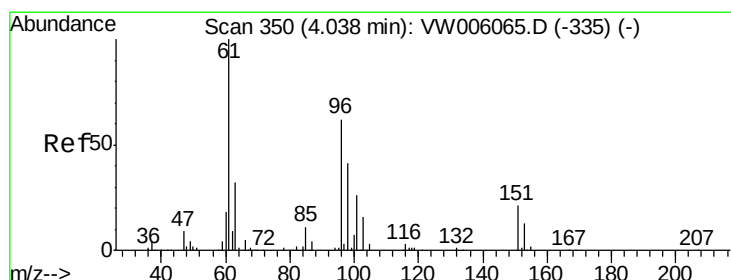
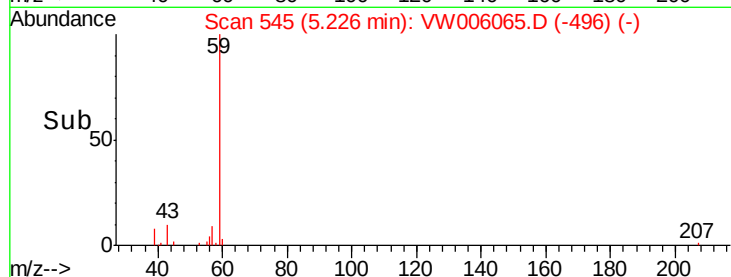
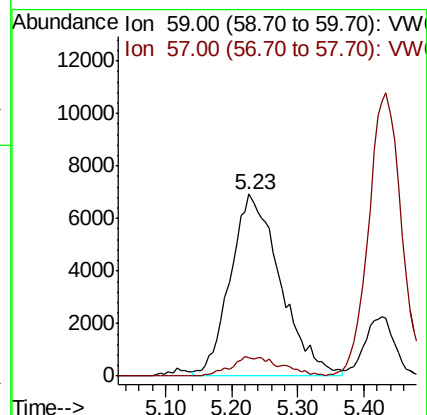
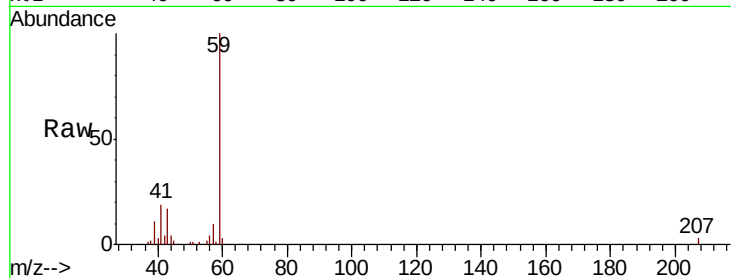
VSTDICCC050

Tgt Ion: 59 Resp: 36167

Ion Ratio Lower Upper

59 100

57 10.8 8.7 13.1



#12

1,1-Dichloroethene

Concen: 45.830 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

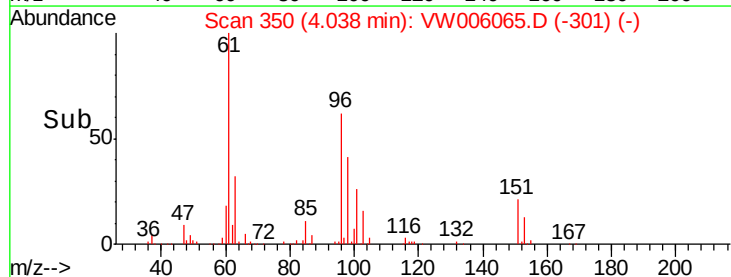
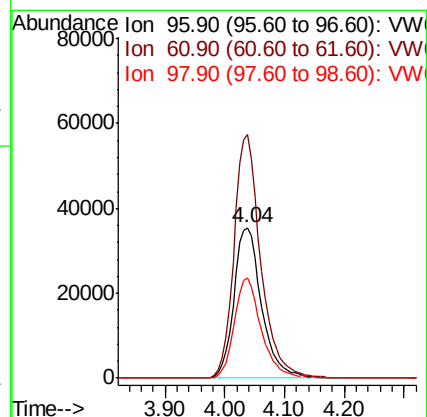
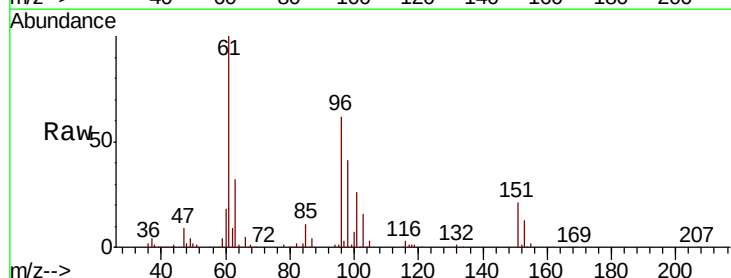
Tgt Ion: 96 Resp: 114417

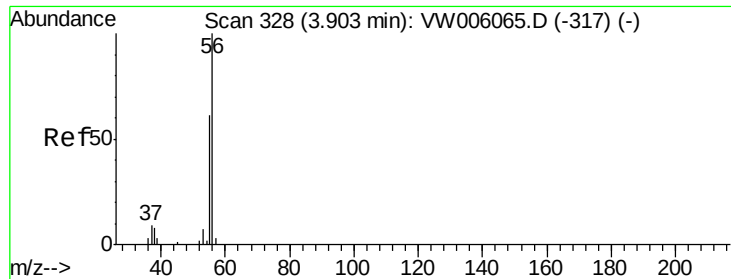
Ion Ratio Lower Upper

96 100

61 161.6 129.3 193.9

98 66.4 53.1 79.7

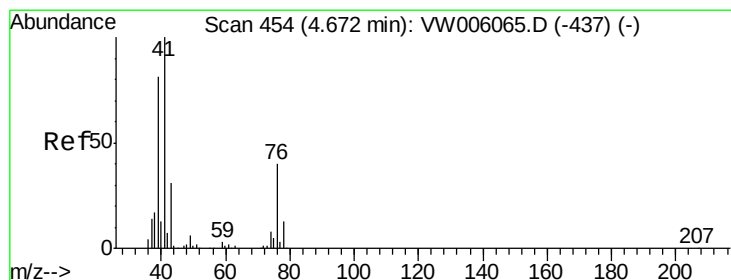
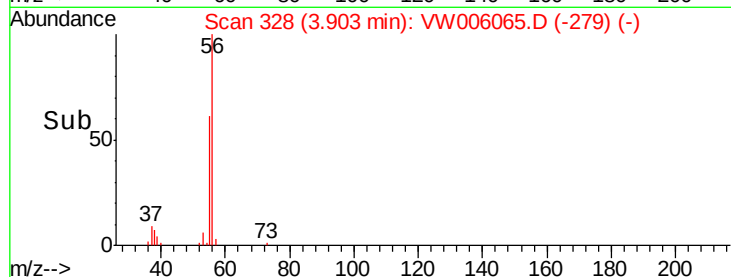
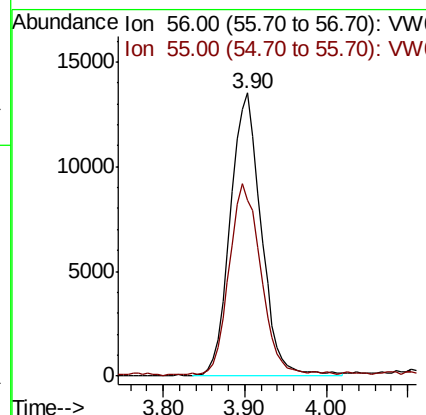
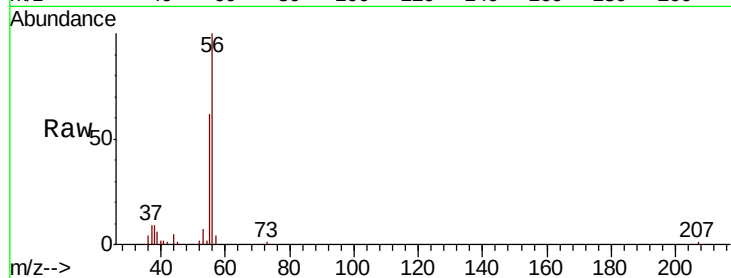




#13
Acrolein
Concen: 198.621 ug/l
RT: 3.90 min Scan# 328
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

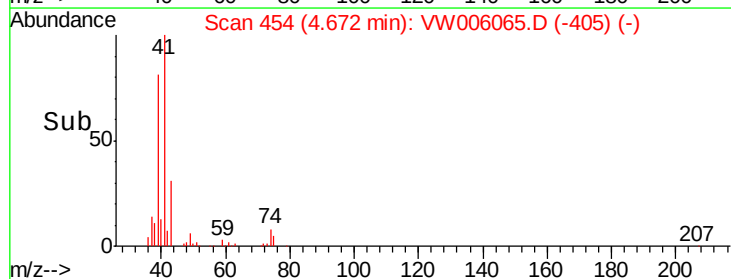
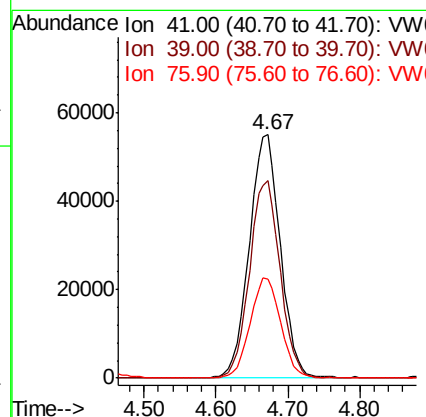
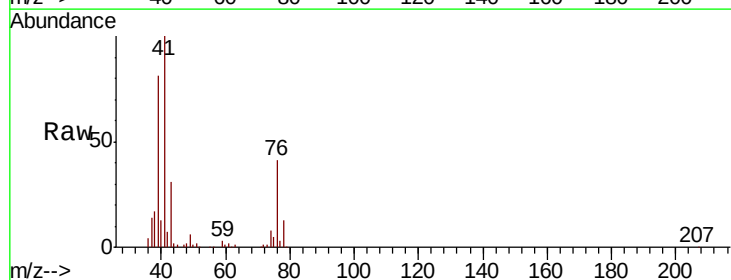
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

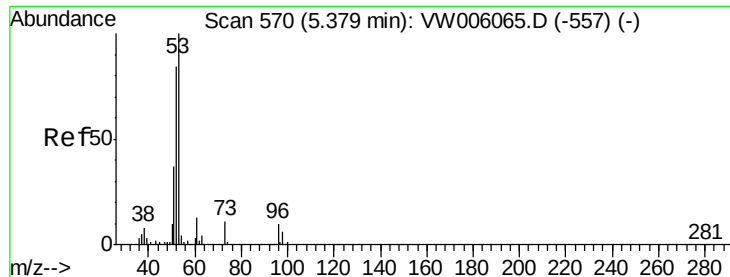
Tgt Ion: 56 Resp: 35576
Ion Ratio Lower Upper
56 100
55 68.1 54.5 81.7



#14
Allyl chloride
Concen: 39.481 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 41 Resp: 164916
Ion Ratio Lower Upper
41 100
39 80.1 64.1 96.1
76 40.3 32.2 48.4





#15

Acrylonitrile

Concen: 203.888 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

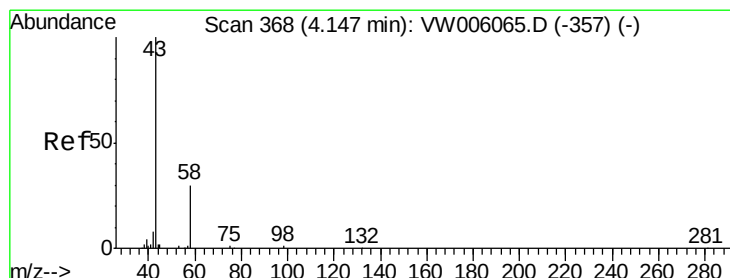
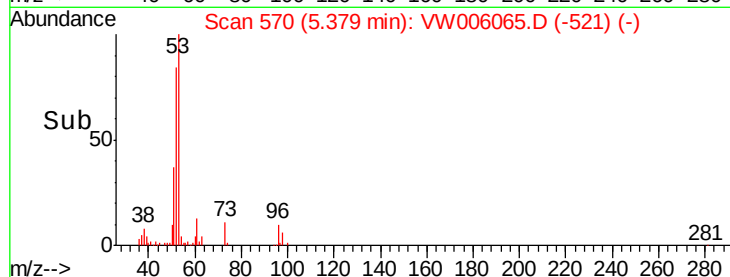
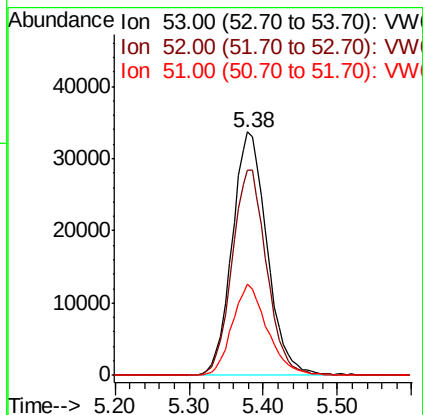
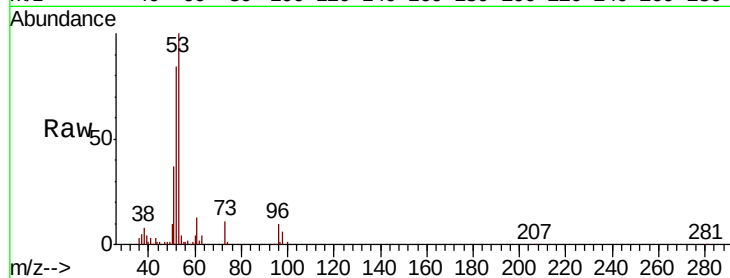
Tgt Ion: 53 Resp: 110769

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 37.6 30.1 45.1



#16

Acetone

Concen: 189.701 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006065.D

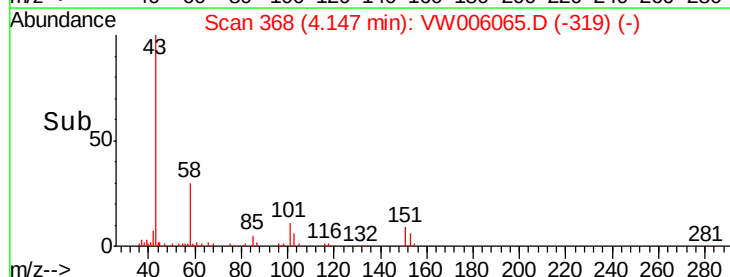
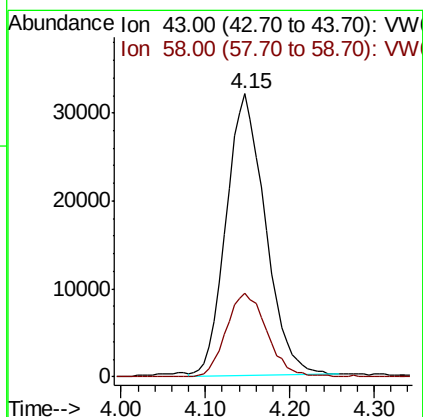
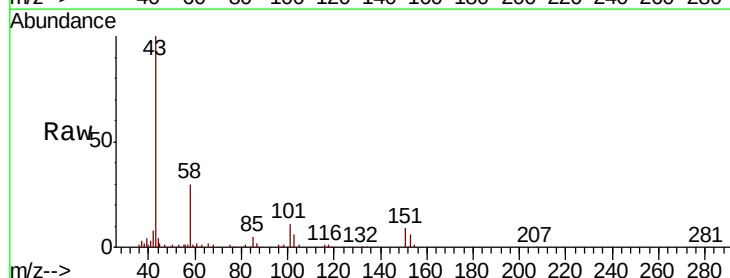
Acq: 15 Oct 2018 18:20

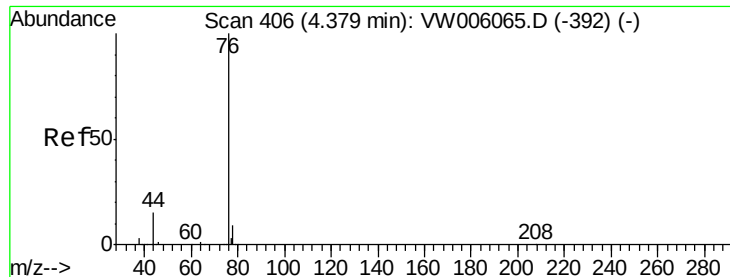
Tgt Ion: 43 Resp: 101257

Ion Ratio Lower Upper

43 100

58 30.0 24.0 36.0





#17

Carbon Disulfide

Concen: 47.016 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

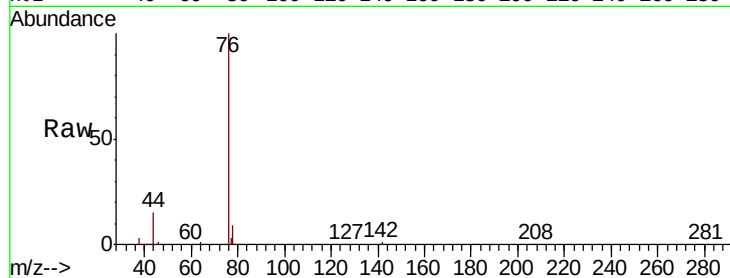
VSTDICCC050

Tgt Ion: 76 Resp: 354747

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

120000

100000

80000

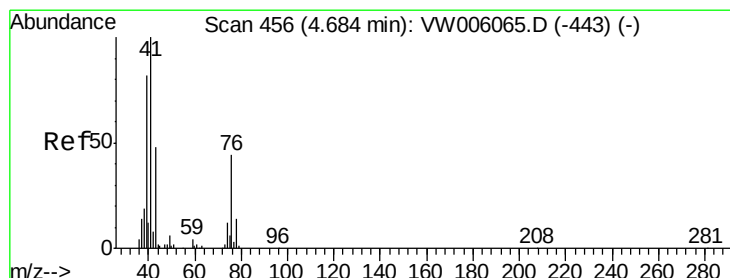
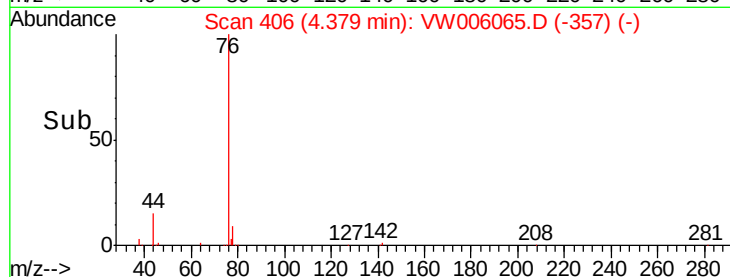
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 42.296 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006065.D

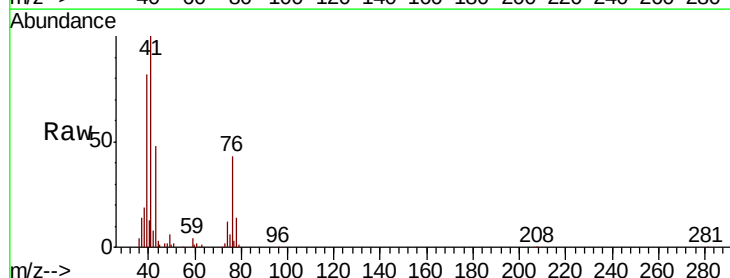
Acq: 15 Oct 2018 18:20

Tgt Ion: 43 Resp: 57838

Ion Ratio Lower Upper

43 100

74 25.6 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

20000

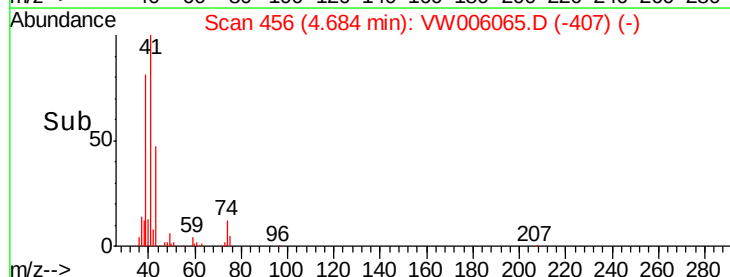
15000

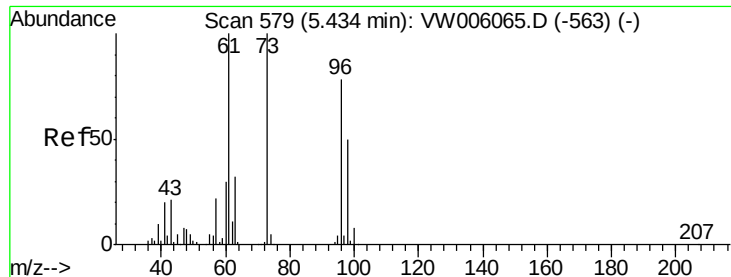
10000

5000

0

Time-->

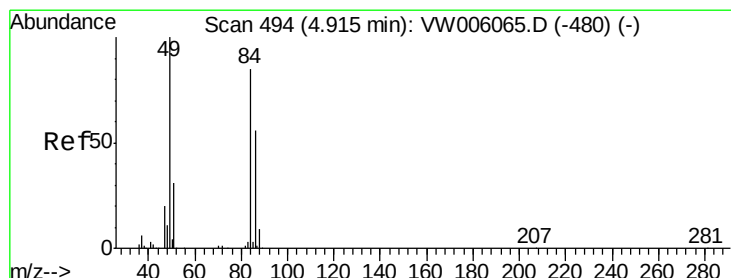
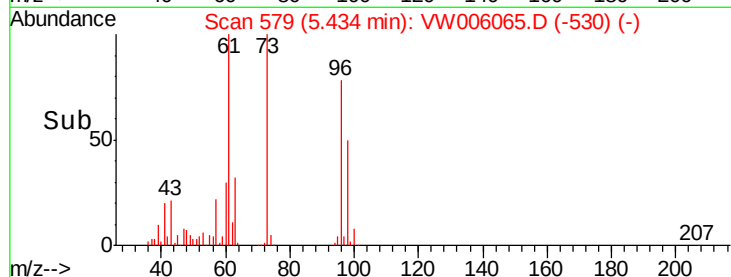
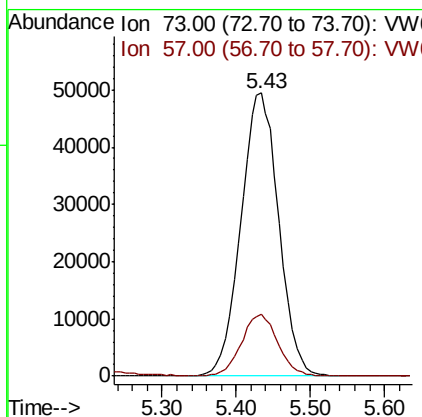
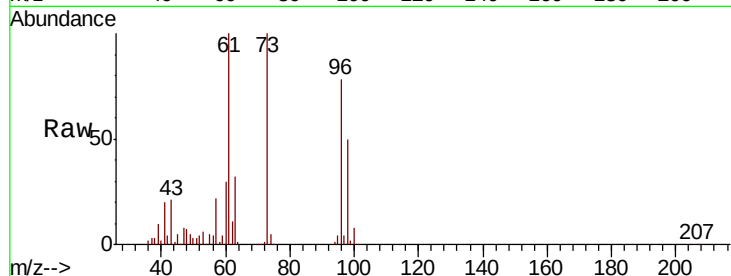




#19
Methyl tert-butyl Ether
Concen: 45.315 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

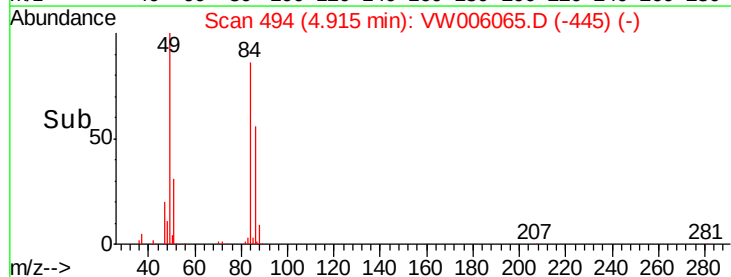
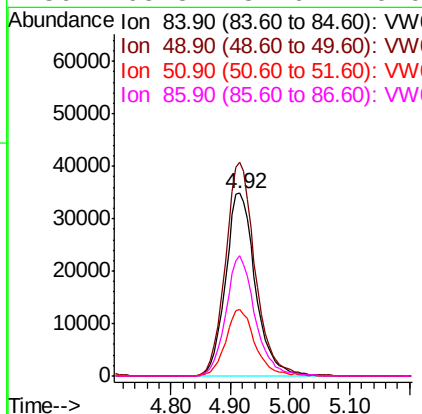
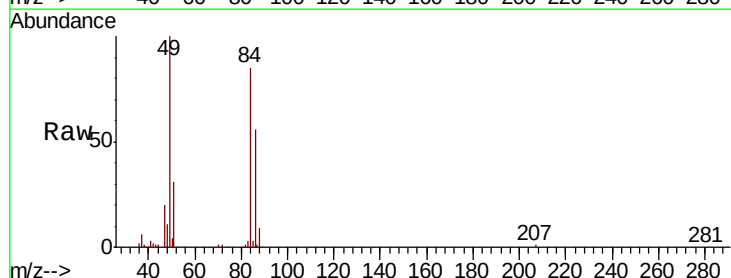
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

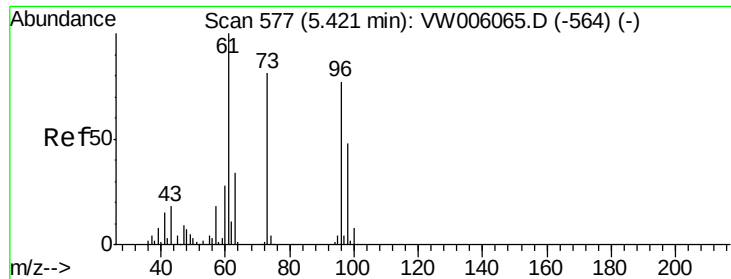
Tgt Ion: 73 Resp: 175802
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 43.802 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 84 Resp: 121329
Ion Ratio Lower Upper
84 100
49 117.0 93.6 140.4
51 36.2 29.0 43.4
86 65.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 47.482 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

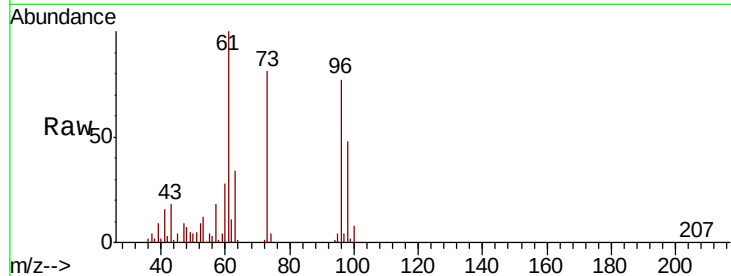
Tgt Ion: 96 Resp: 129583

Ion Ratio Lower Upper

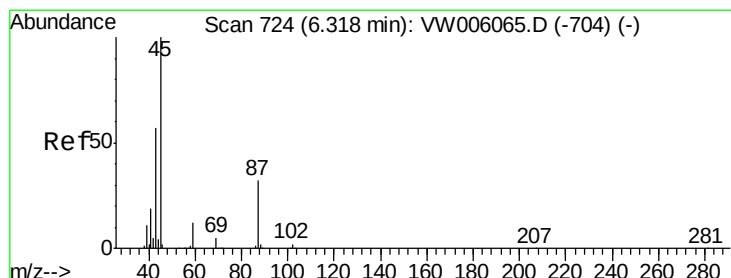
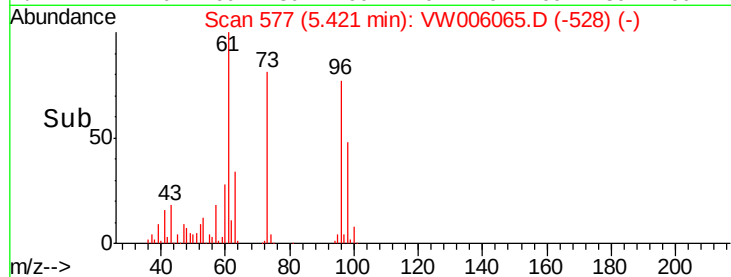
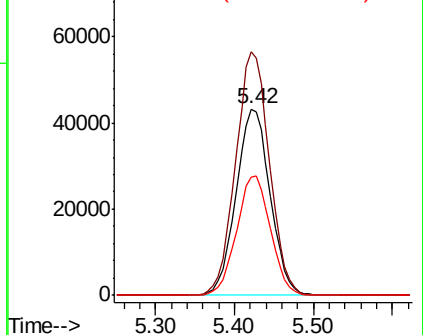
96 100

61 130.6 104.5 156.7

98 63.2 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: 41.805 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion: 45 Resp: 328356

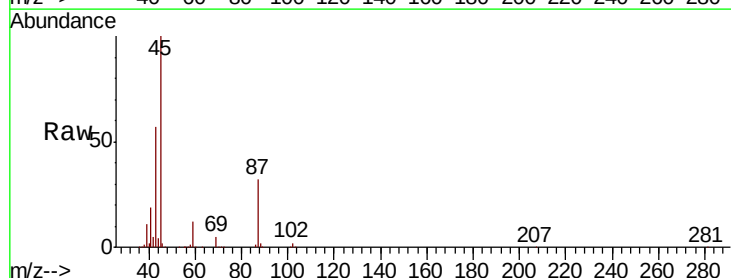
Ion Ratio Lower Upper

45 100

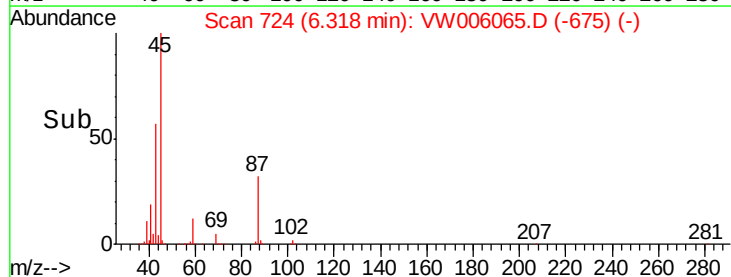
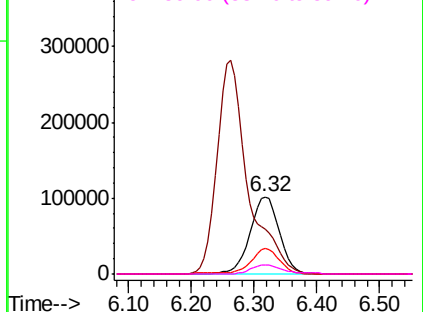
43 57.1 45.7 68.5

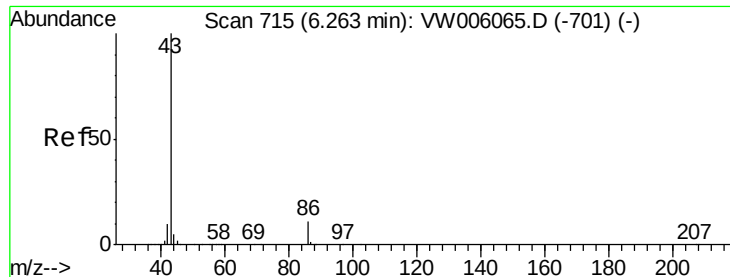
87 32.4 25.9 38.9

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: 199.692 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

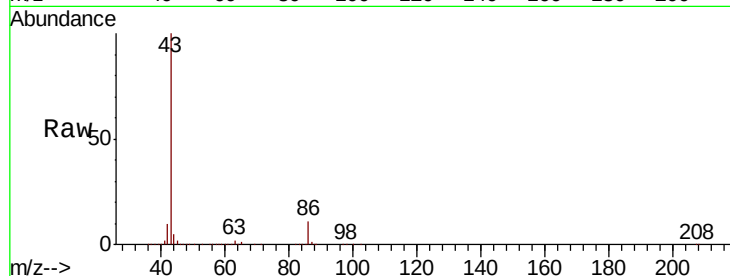
VSTDICCC050

Tgt Ion: 43 Resp: 957915

Ion Ratio Lower Upper

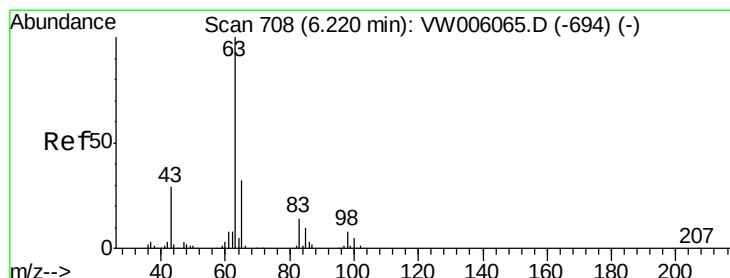
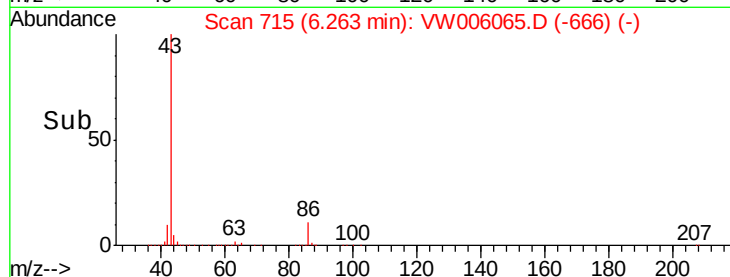
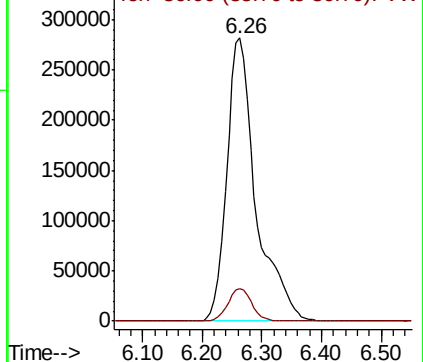
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 43.985 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

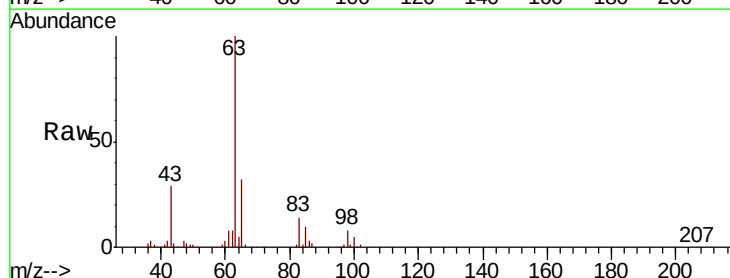
Tgt Ion: 63 Resp: 213089

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

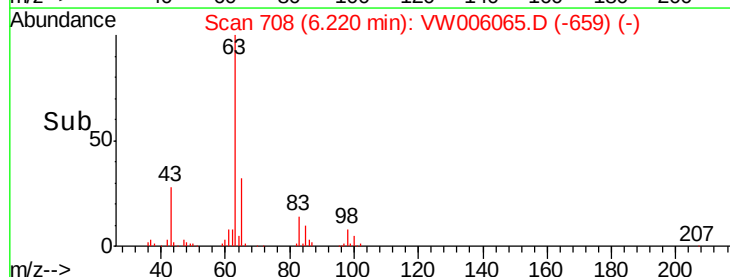
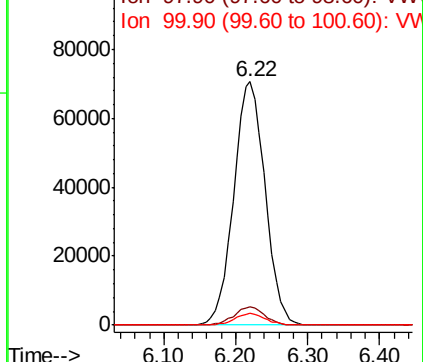
100 5.0 2.5 7.5

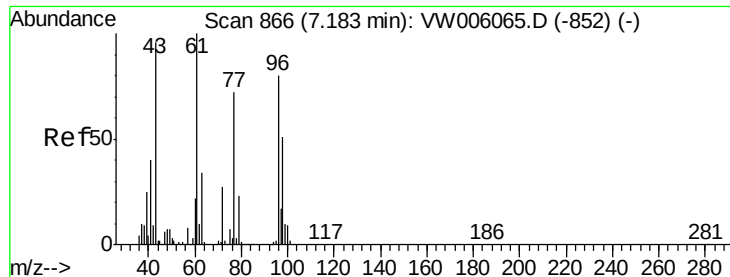


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

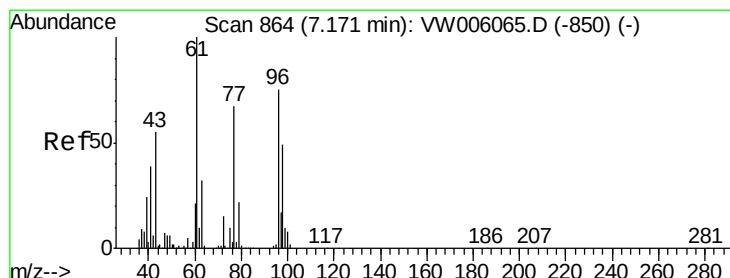
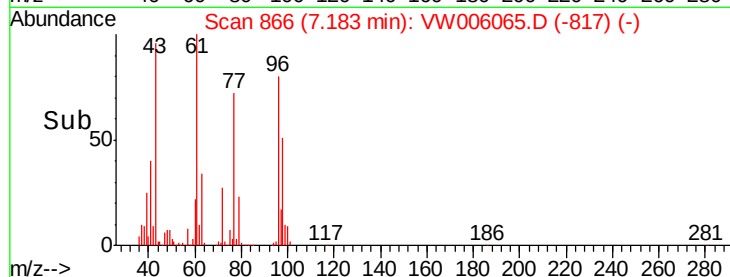
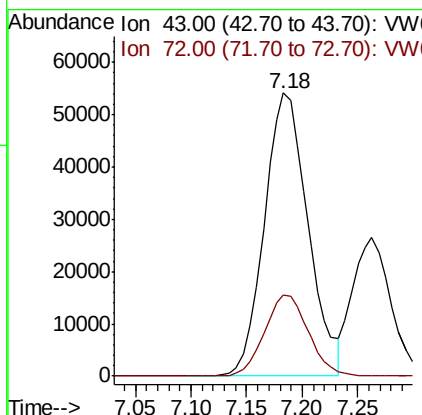
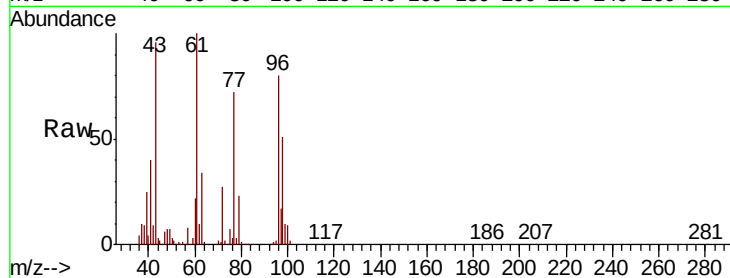




#25
2-Butanone
Concen: 193.636 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

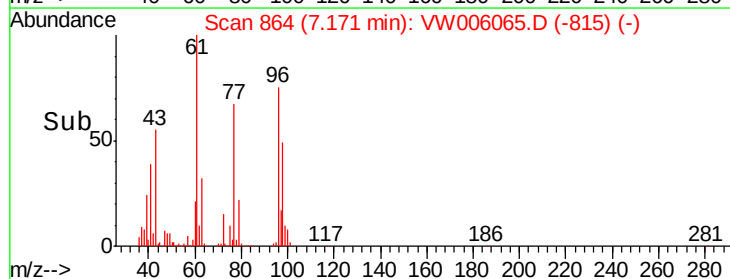
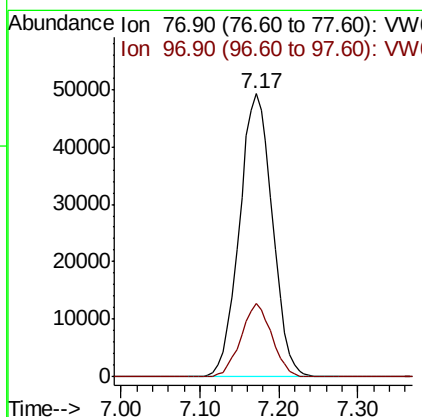
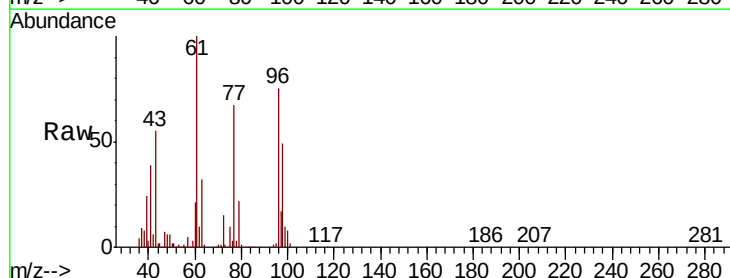
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

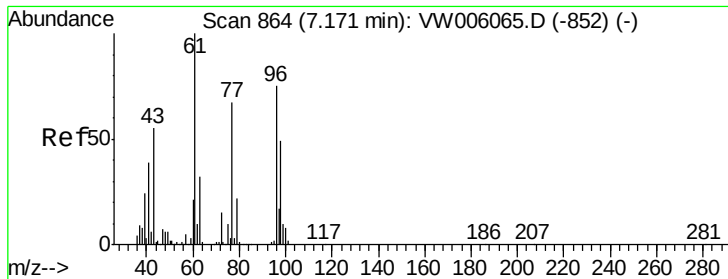
Tgt Ion: 43 Resp: 147868
Ion Ratio Lower Upper
43 100
72 28.5 22.8 34.2



#26
2,2-Dichloropropane
Concen: 42.171 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 77 Resp: 142901
Ion Ratio Lower Upper
77 100
97 24.3 12.2 36.4



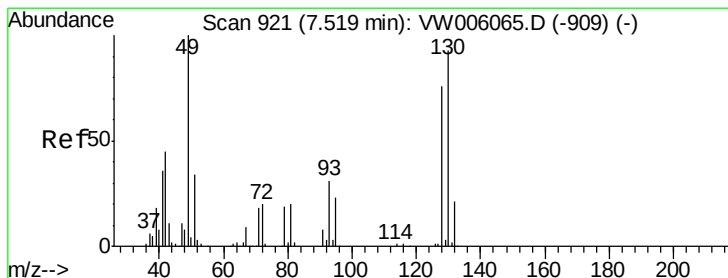
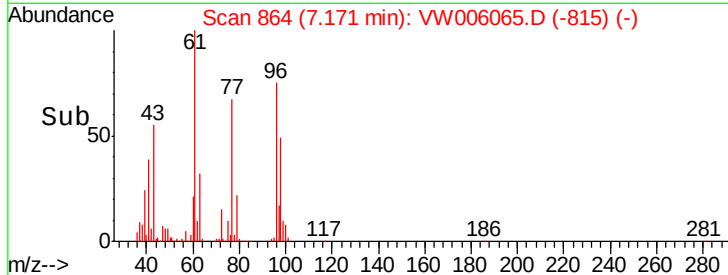
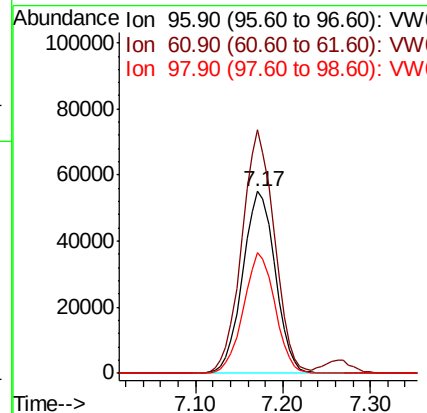
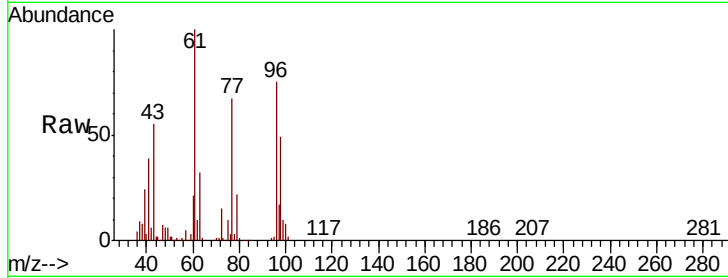


#27

cis-1,2-Dichloroethene
Concen: 46.379 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

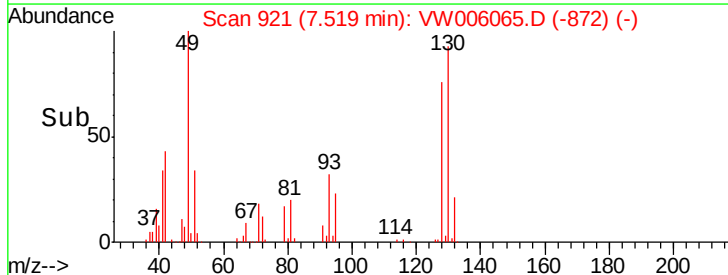
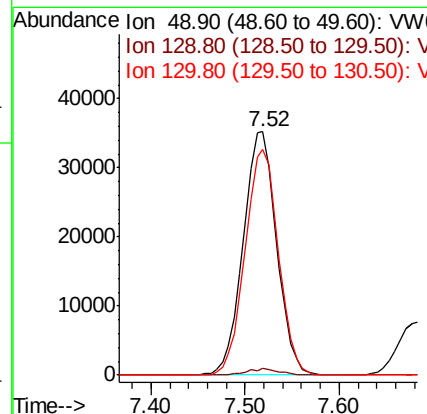
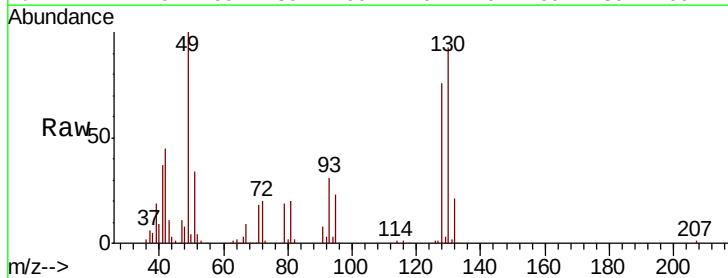
Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.6	0.0	267.2
98	64.3	0.0	128.6

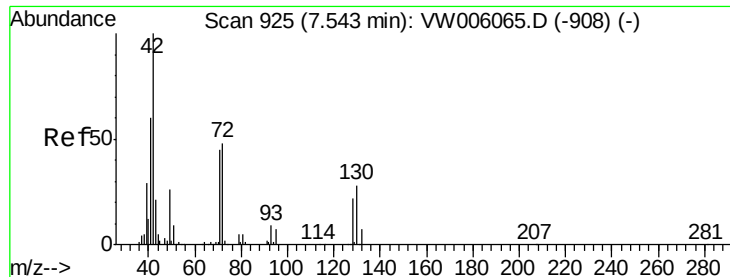


#28

Bromochloromethane
Concen: 47.747 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.0
130	92.3	73.8	110.8





#29

Tetrahydrofuran

Concen: 192.314 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

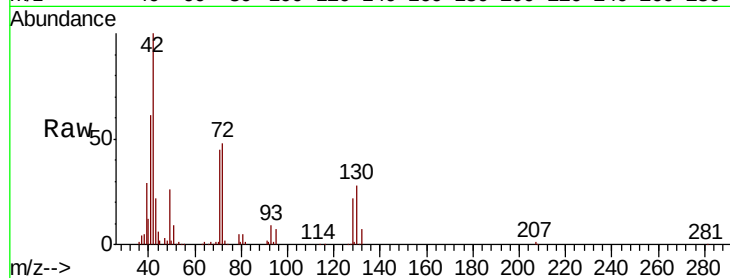
Tgt Ion: 42 Resp: 92904

Ion Ratio Lower Upper

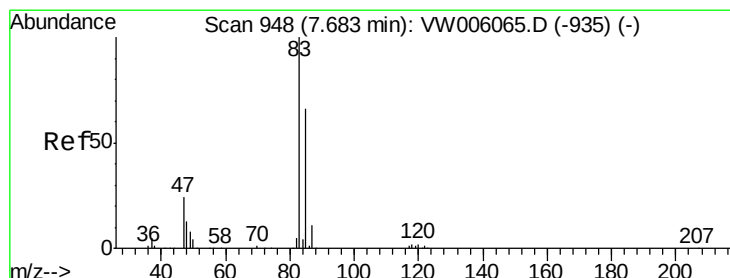
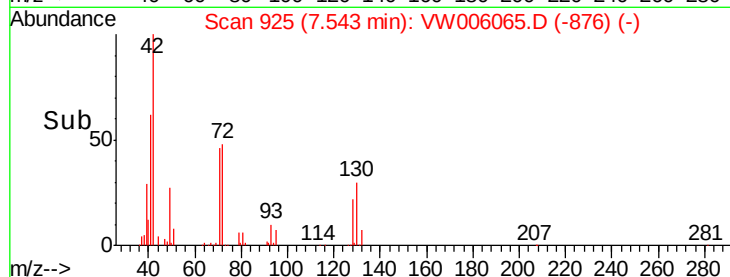
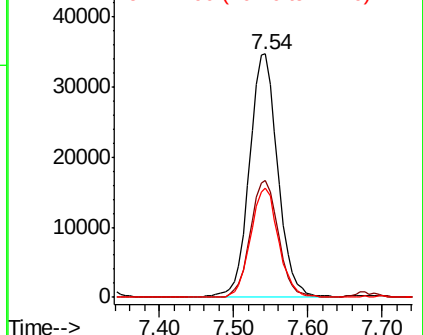
42 100

72 47.5 38.0 57.0

71 44.1 35.3 52.9



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



#30

Chloroform

Concen: 45.710 ug/l

RT: 7.68 min Scan# 948

Delta R.T. 0.00 min

Lab File: VW006065.D

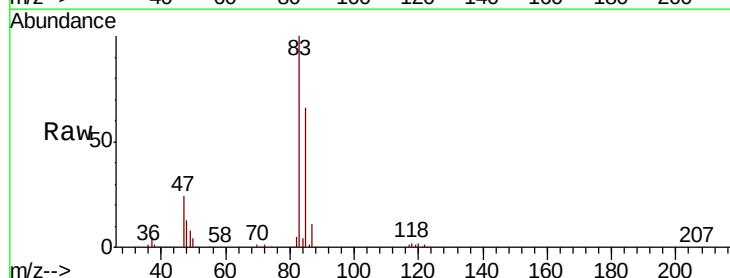
Acq: 15 Oct 2018 18:20

Tgt Ion: 83 Resp: 228970

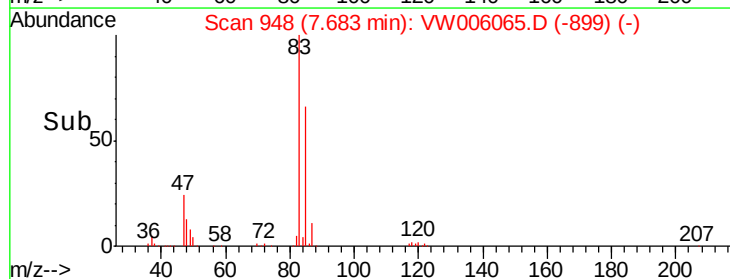
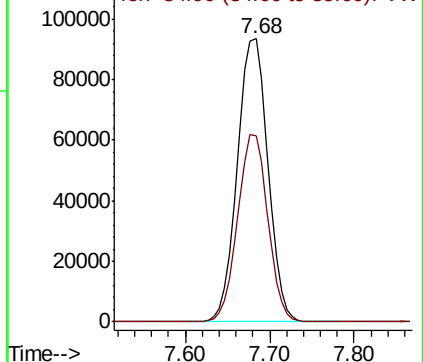
Ion Ratio Lower Upper

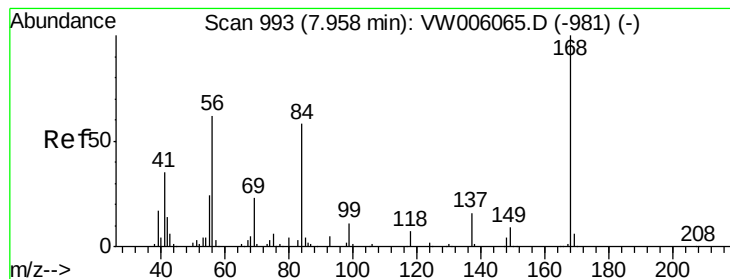
83 100

85 65.8 52.6 79.0



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





#31

Cyclohexane

Concen: 41.310 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

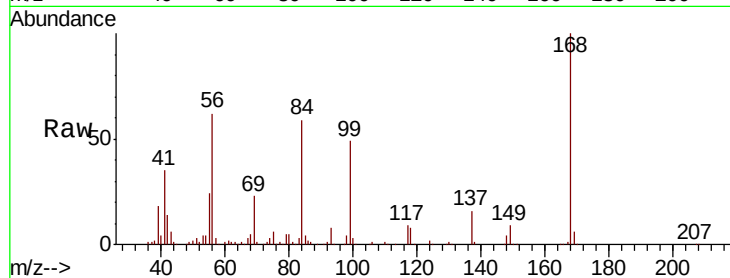
Tgt Ion: 56 Resp: 197477

Ion Ratio Lower Upper

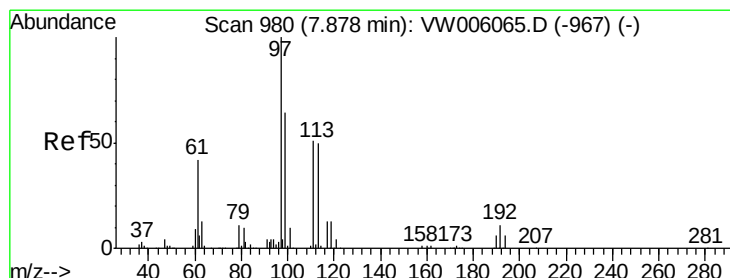
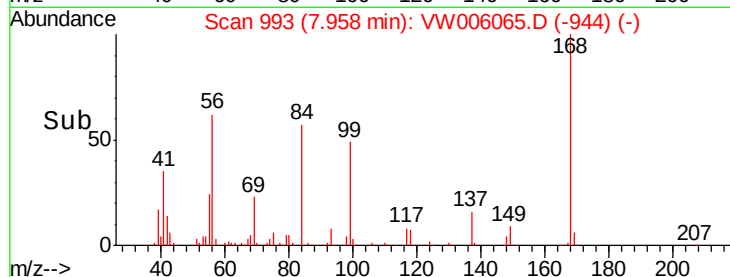
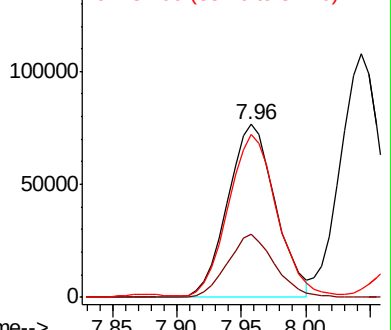
56 100

69 36.7 29.4 44.0

84 92.5 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: 46.405 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

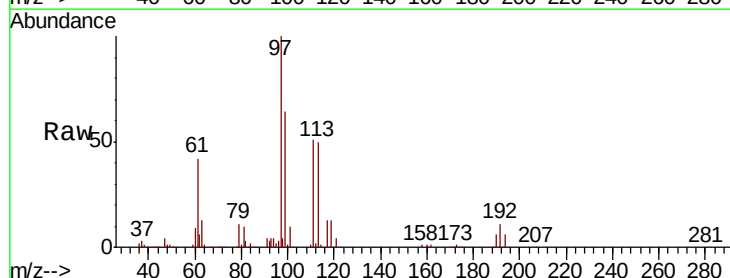
Tgt Ion: 97 Resp: 207355

Ion Ratio Lower Upper

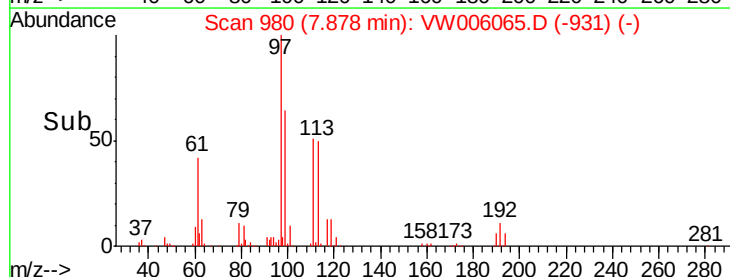
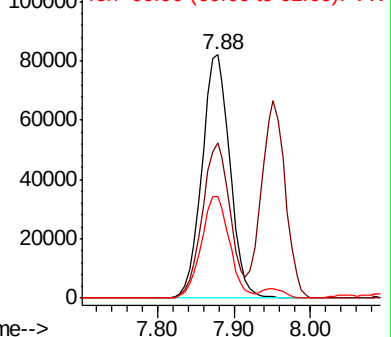
97 100

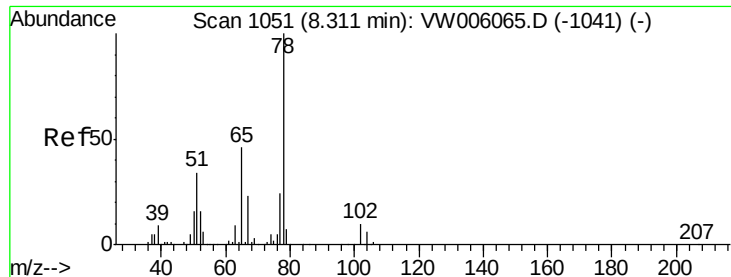
99 63.6 50.9 76.3

61 42.1 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

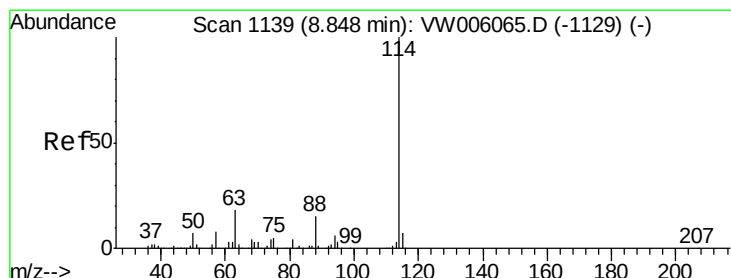
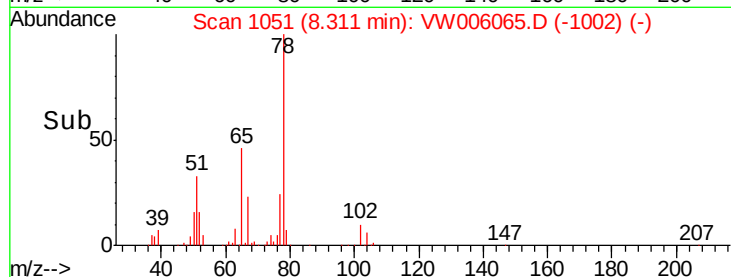
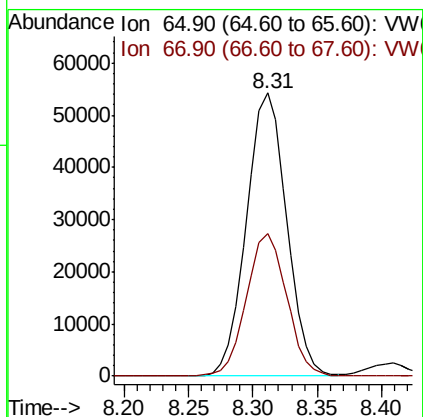
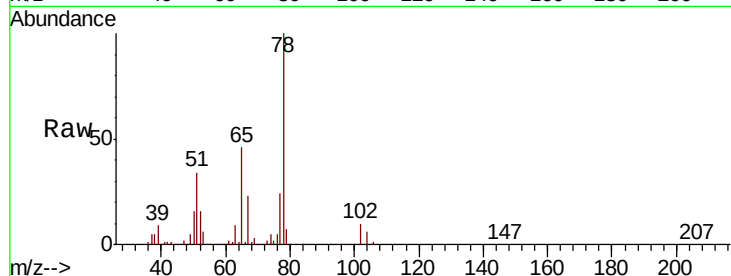




#33
 1,2-Dichloroethane-d4
 Concen: 42.969 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

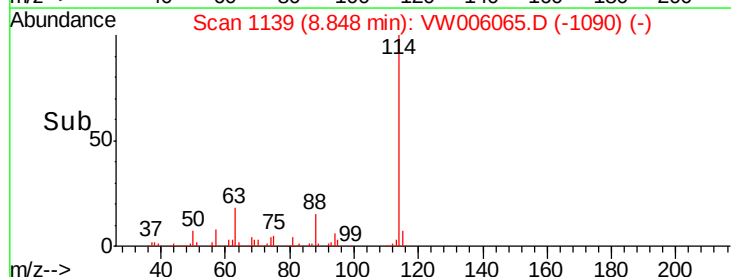
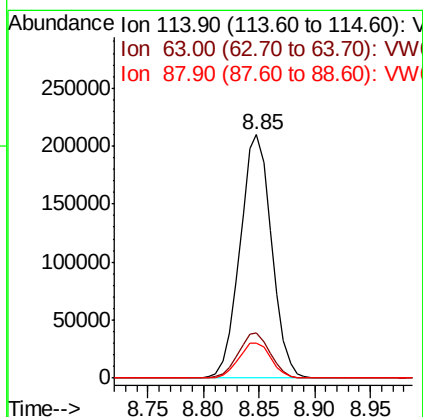
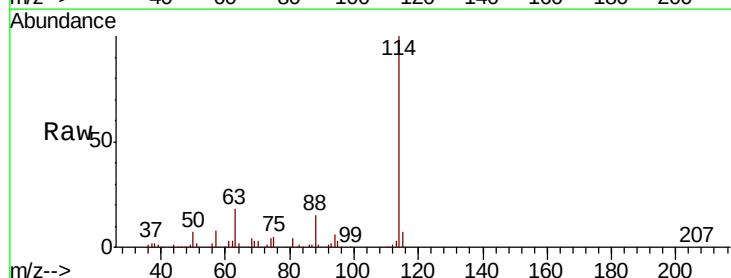
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

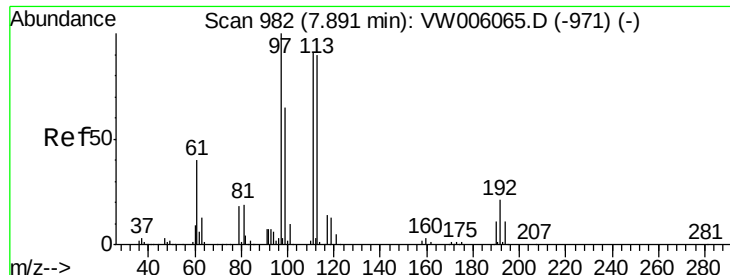
Tgt Ion: 65 Resp: 117161
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 114 Resp: 411649
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.5 0.0 29.0

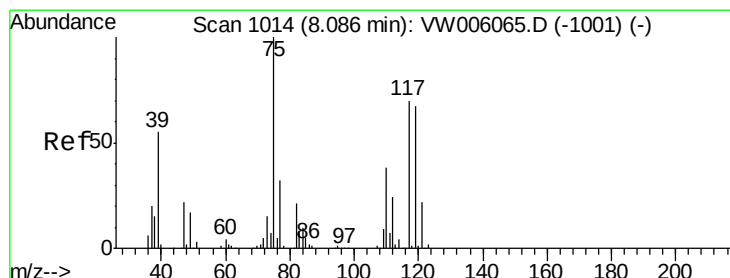
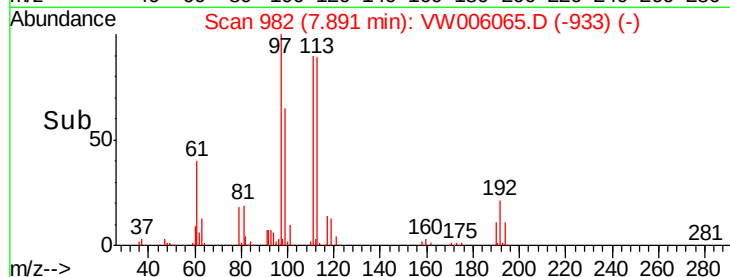
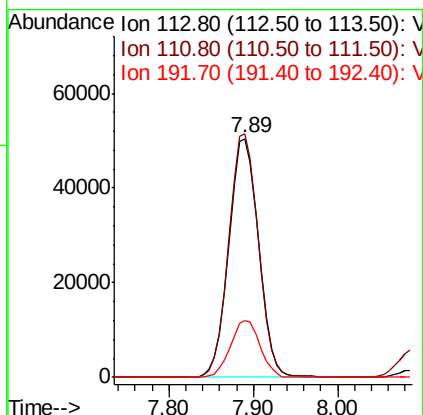
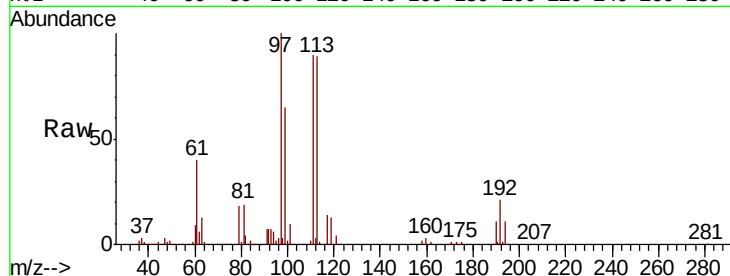




#35
 Dibromofluoromethane
 Concen: 46.540 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

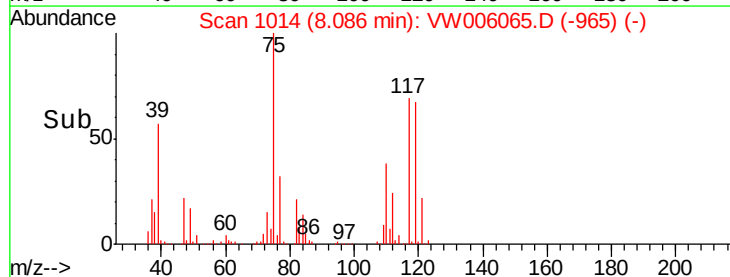
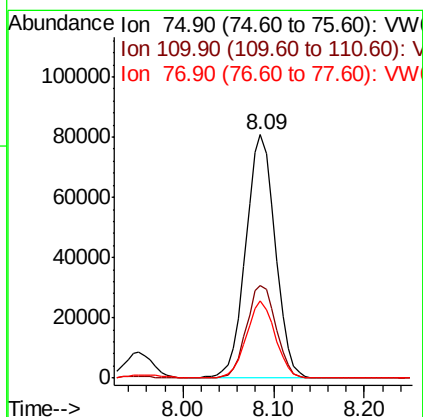
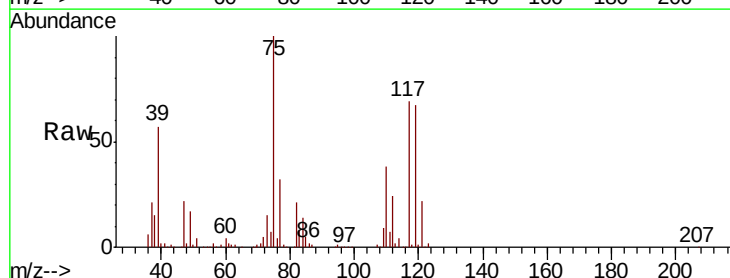
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

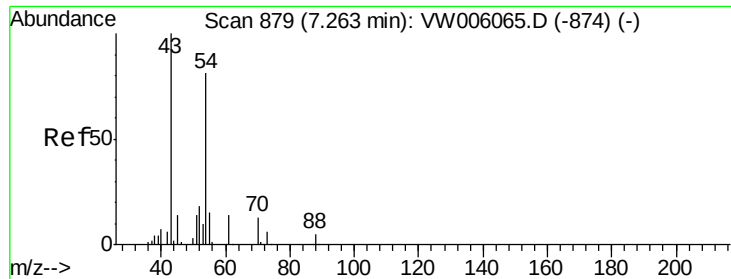
Tgt Ion: 113 Resp: 120810
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.4 122.0
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 46.739 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 75 Resp: 181993
 Ion Ratio Lower Upper
 75 100
 110 38.1 19.1 57.1
 77 31.2 25.0 37.4

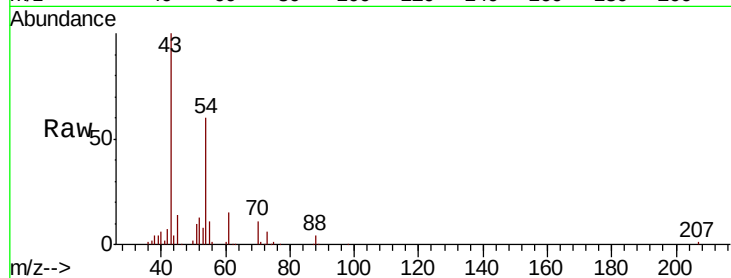




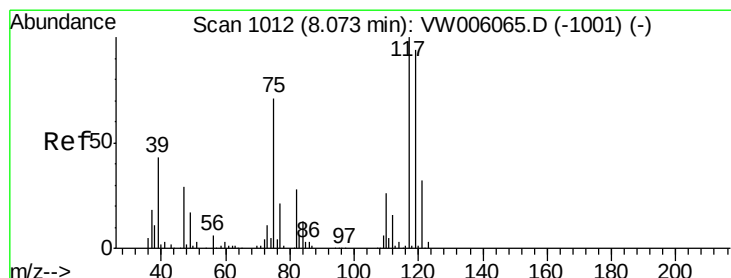
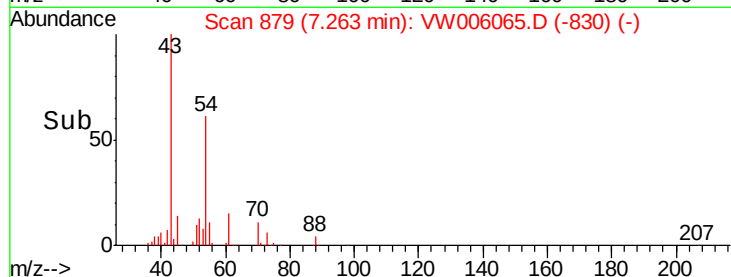
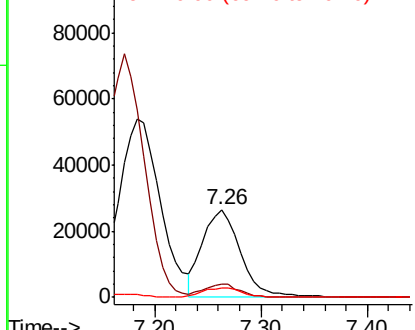
#37
Ethyl Acetate
Concen: 39.901 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tgt Ion: 43 Resp: 64583
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.5 9.2 13.8

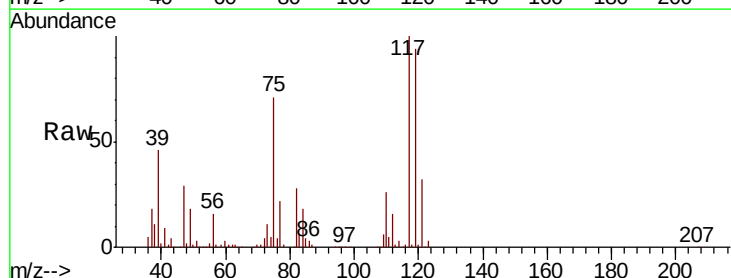


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW

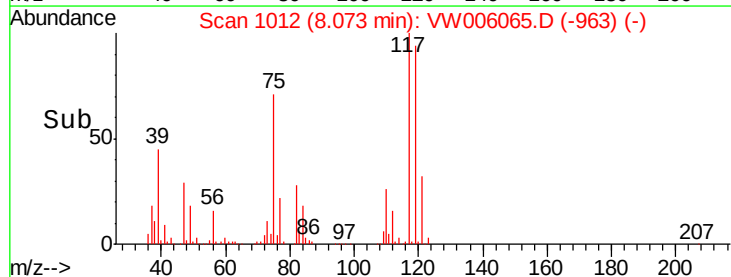
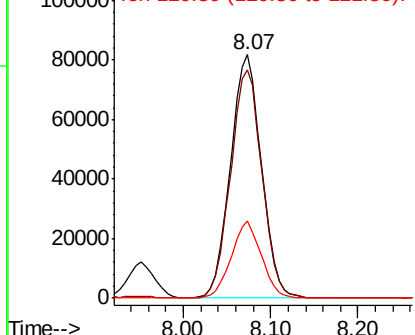


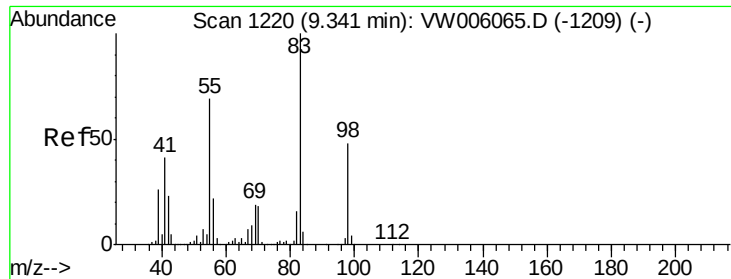
#38
Carbon Tetrachloride
Concen: 47.944 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 117 Resp: 201228
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 31.6 25.3 37.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

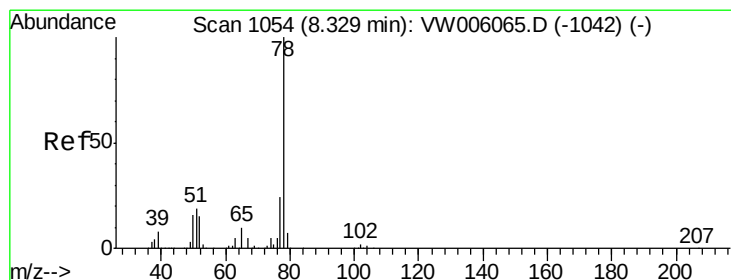
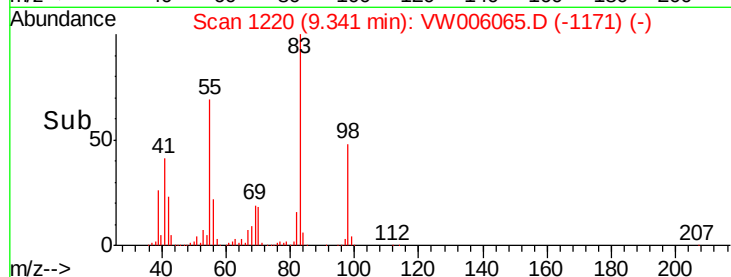
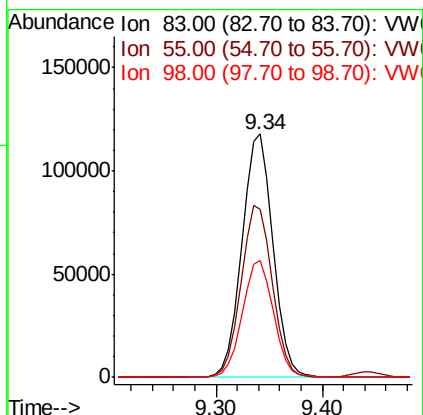
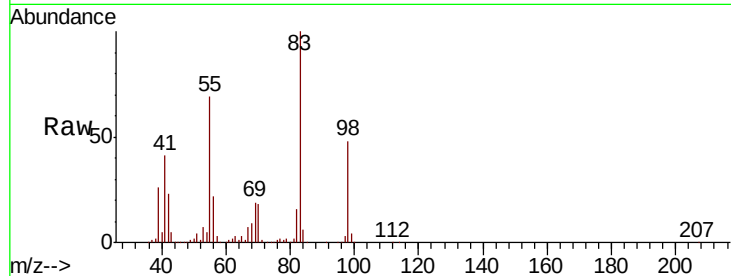




#39
Methylcyclohexane
Concen: 47.103 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

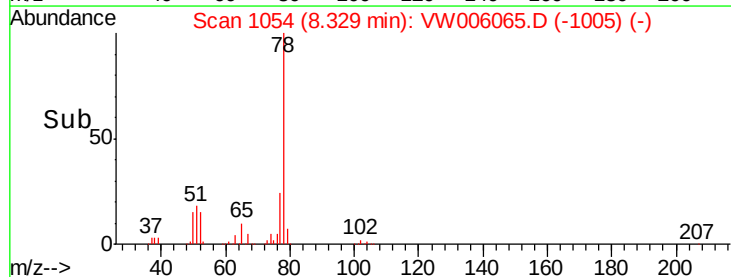
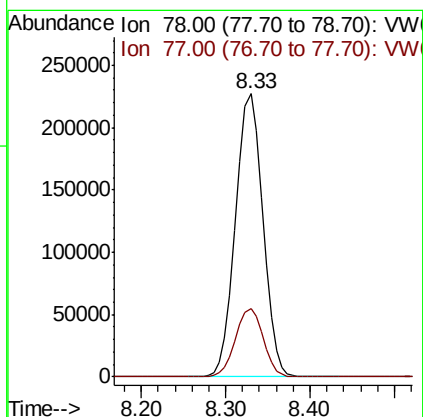
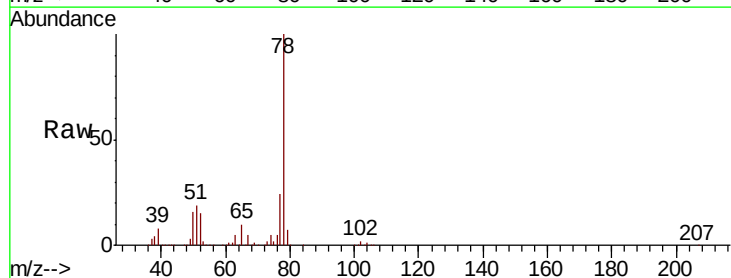
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

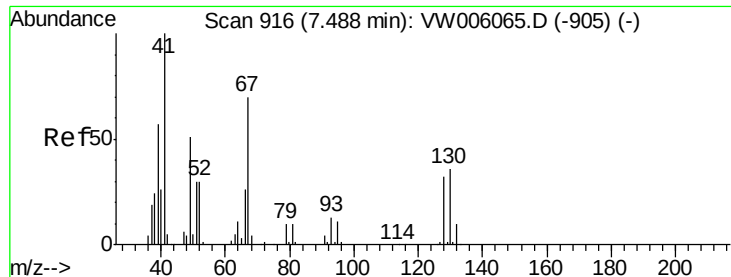
Tgt Ion: 83 Resp: 241571
Ion Ratio Lower Upper
83 100
55 68.8 55.0 82.6
98 48.2 38.6 57.8



#40
Benzene
Concen: 46.717 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 78 Resp: 498088
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

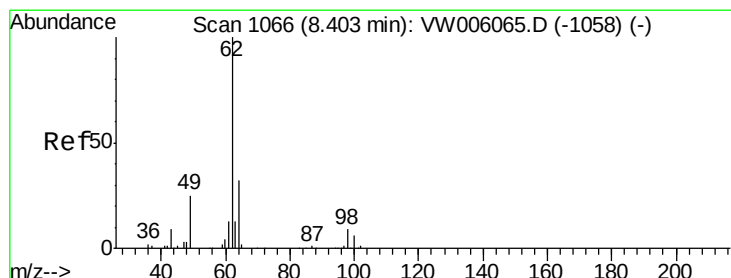
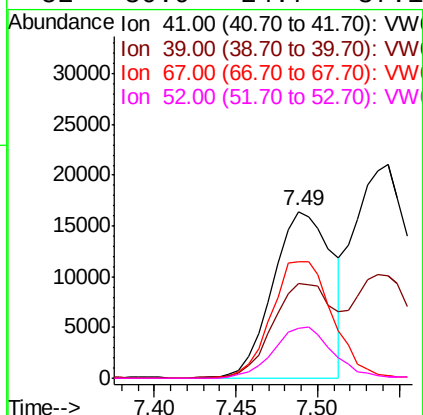
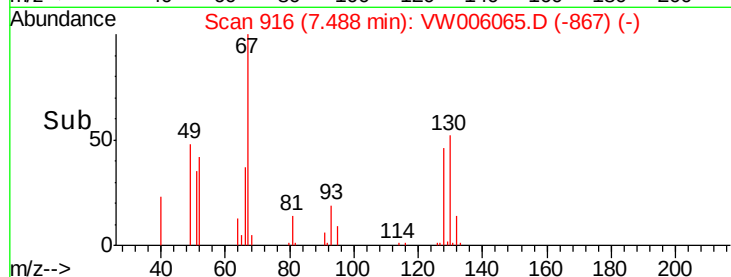
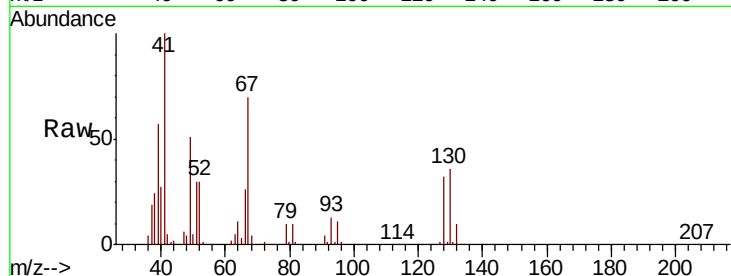




#41
Methacrylonitrile
Concen: 40.572 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

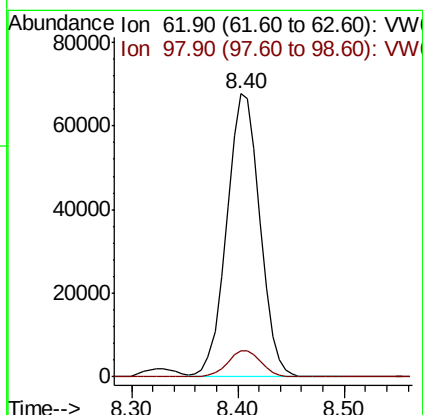
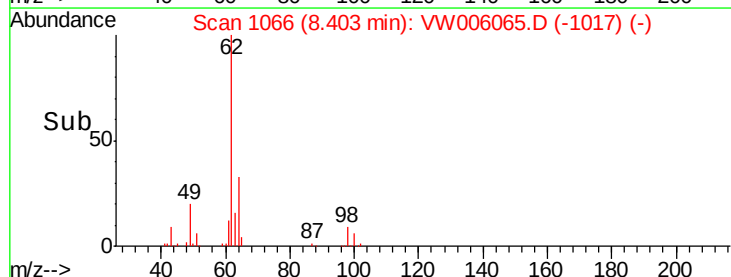
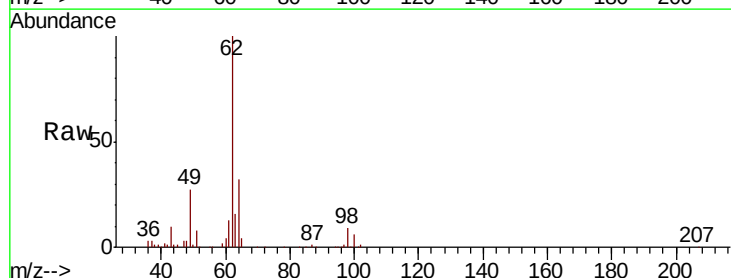
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

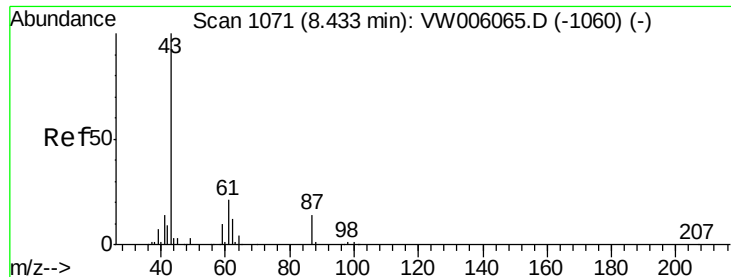
Tgt Ion:	41	Resp:	41421
Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.2	69.4
67	72.1	57.7	86.5
52	30.9	24.7	37.1



#42
1,2-Dichloroethane
Concen: 45.816 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion:	62	Resp:	147525
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 40.406 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

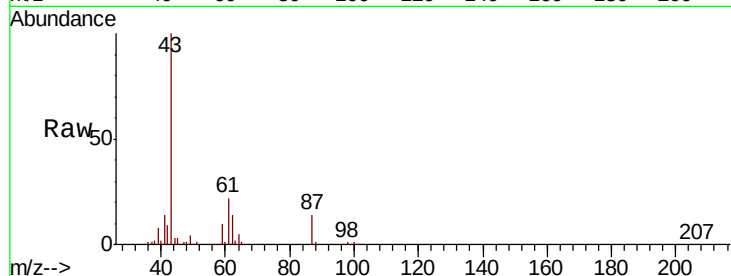
Tgt Ion: 43 Resp: 136202

Ion Ratio Lower Upper

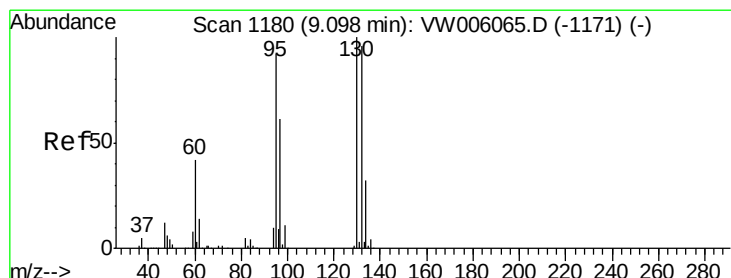
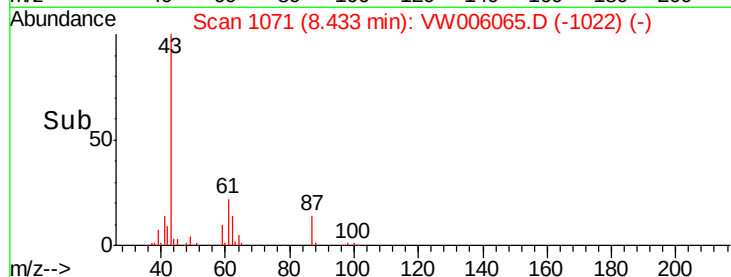
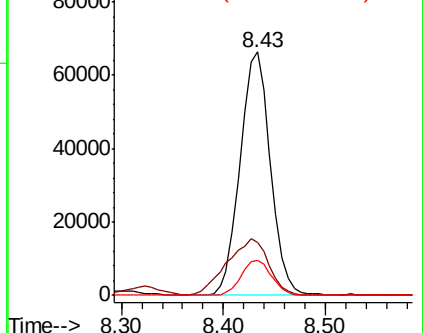
43 100

61 31.9 25.5 38.3

87 14.6 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: 49.291 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW006065.D

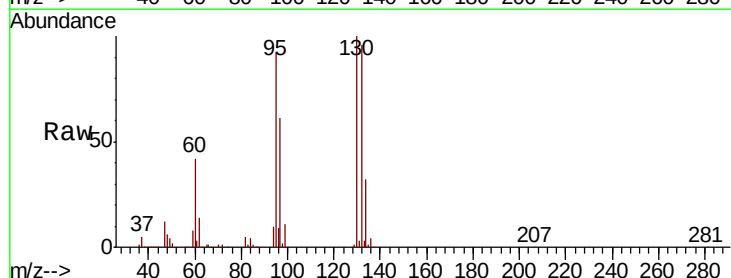
Acq: 15 Oct 2018 18:20

Tgt Ion: 130 Resp: 153415

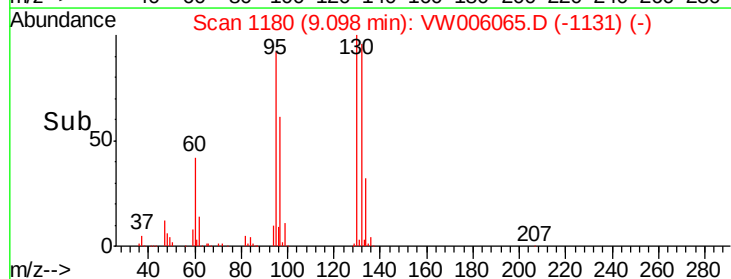
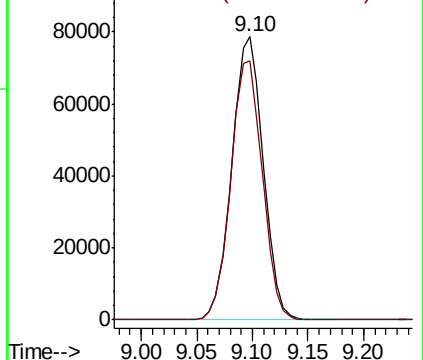
Ion Ratio Lower Upper

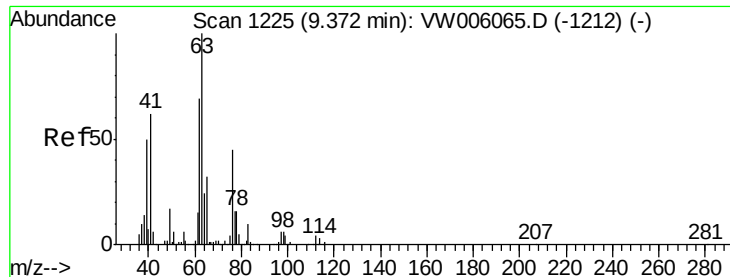
130 100

95 91.6 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: 44.974 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

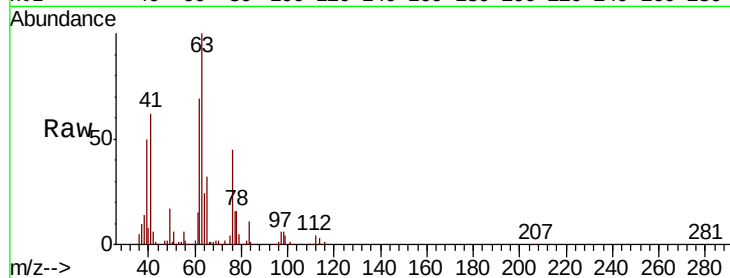
VSTDICCC050

Tgt Ion: 63 Resp: 119474

Ion Ratio Lower Upper

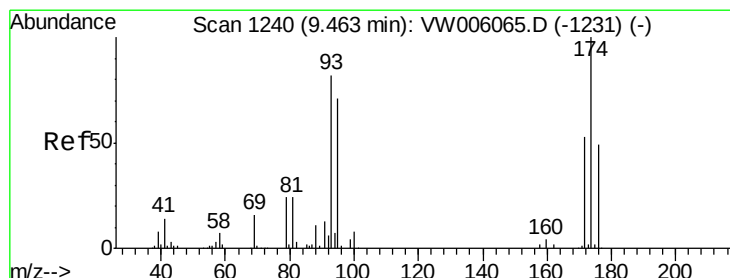
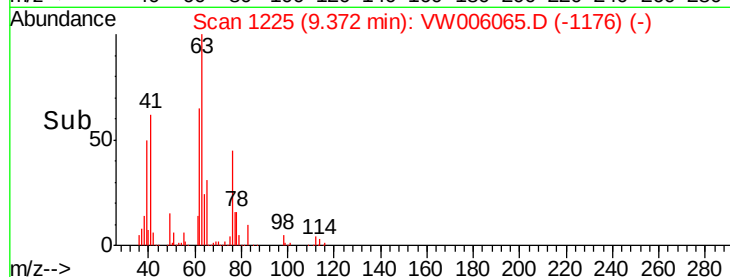
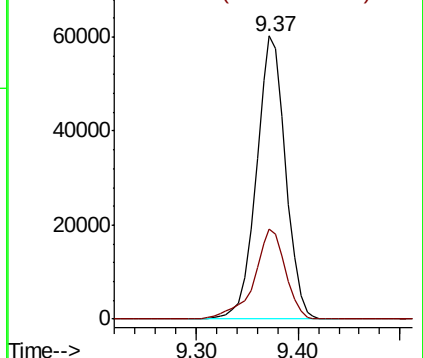
63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 46.513 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

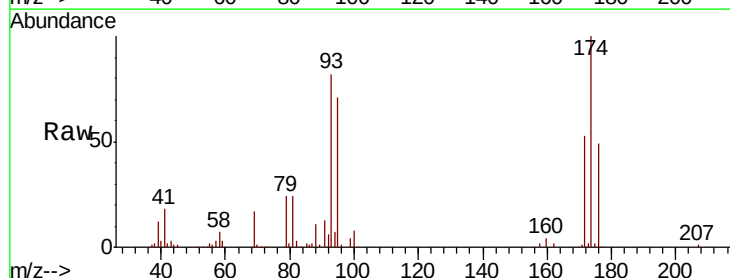
Tgt Ion: 93 Resp: 68330

Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

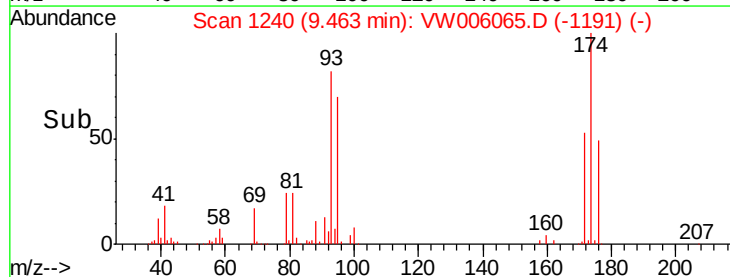
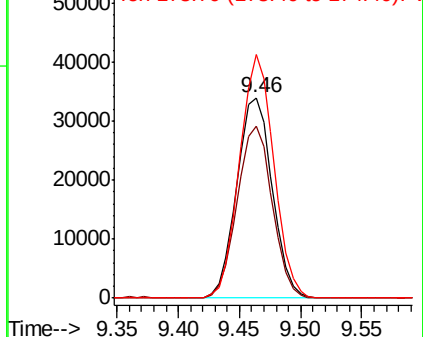
174 117.1 93.7 140.5

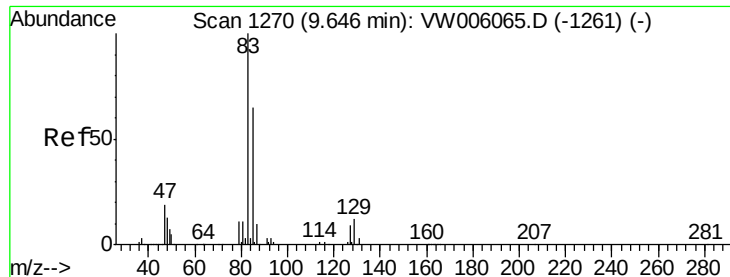


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 45.426 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

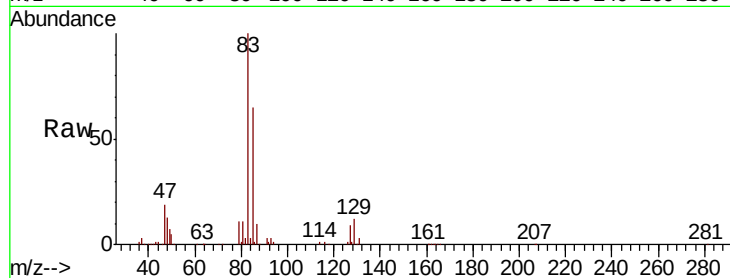
Tgt Ion: 83 Resp: 167318

Ion Ratio Lower Upper

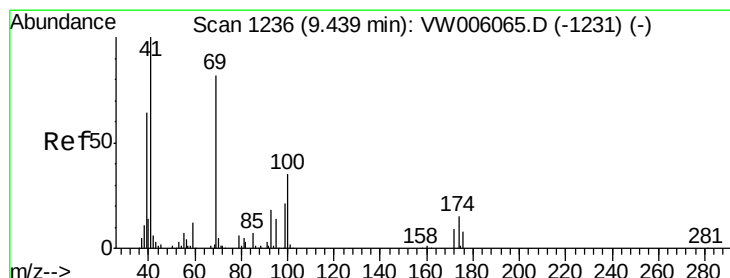
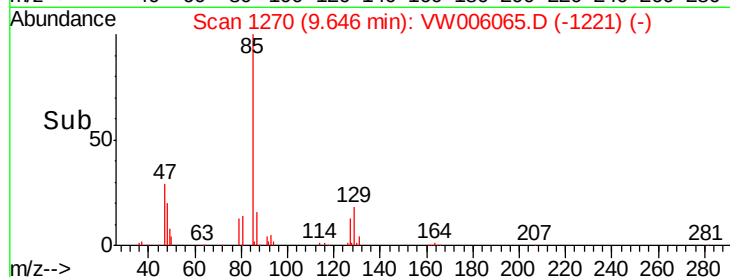
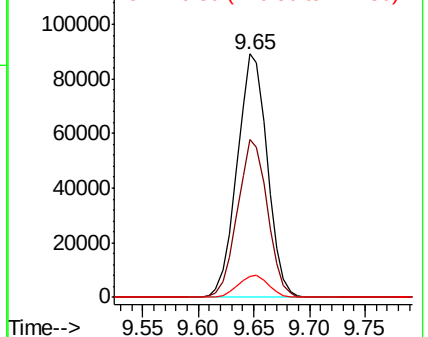
83 100

85 64.8 51.8 77.8

127 8.6 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): VW



#48

Methyl methacrylate

Concen: 41.269 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

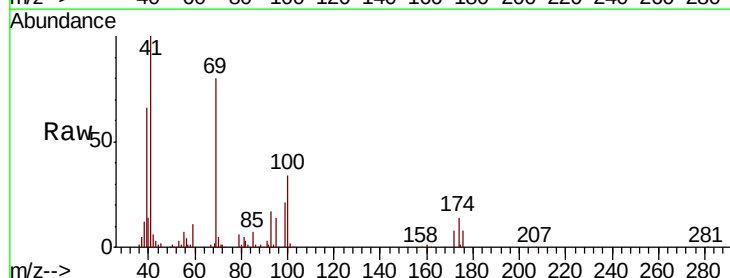
Tgt Ion: 41 Resp: 66447

Ion Ratio Lower Upper

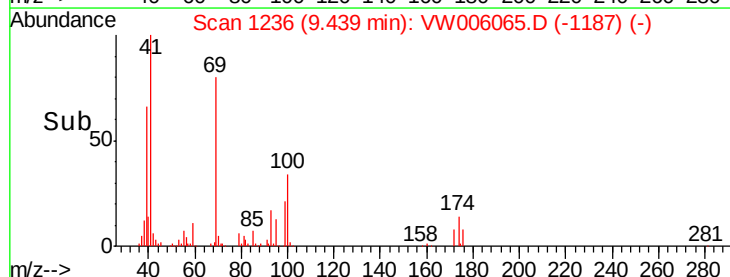
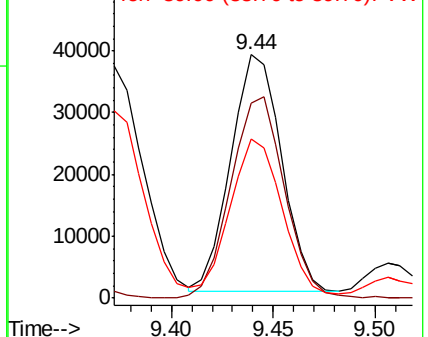
41 100

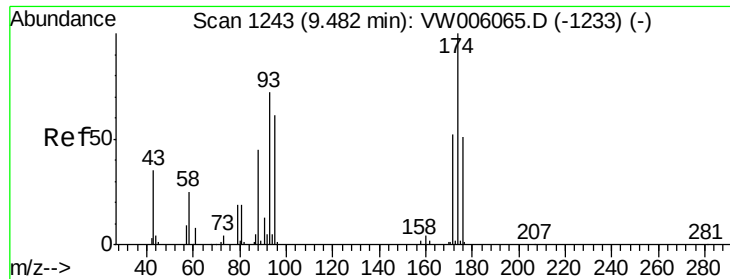
69 89.8 71.8 107.8

39 65.6 52.5 78.7



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

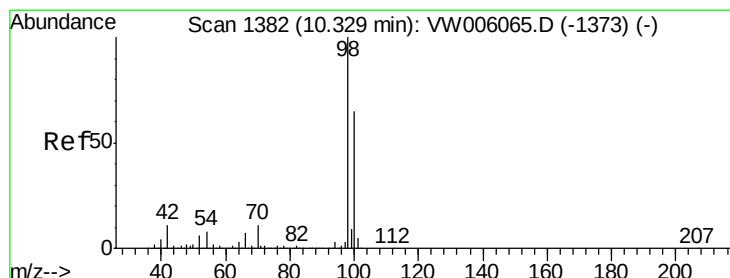
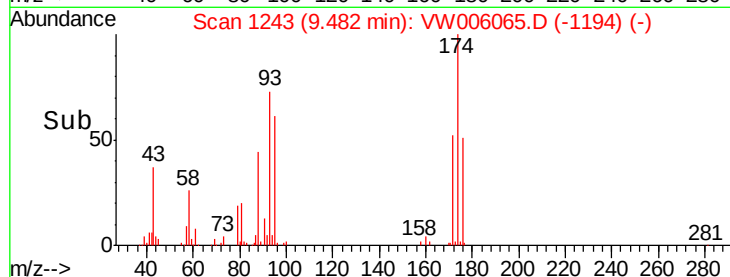
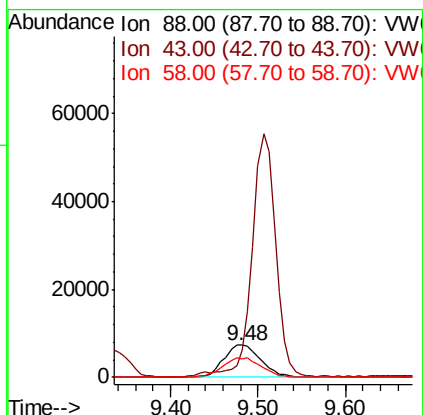
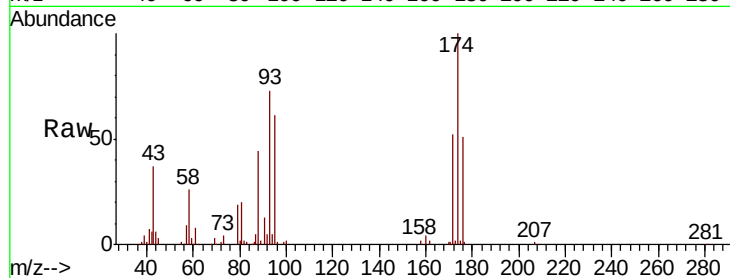




#49
 1,4-Dioxane
 Concen: 970.464 ug/l
 RT: 9.48 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

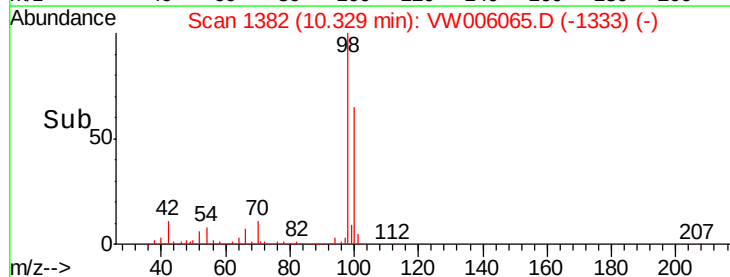
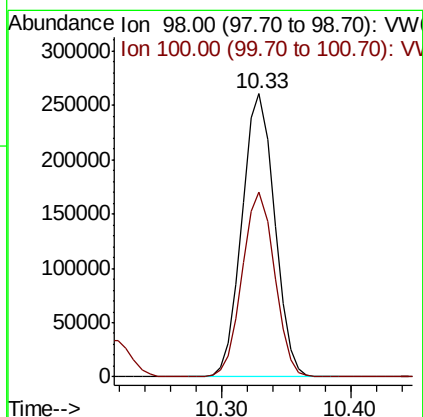
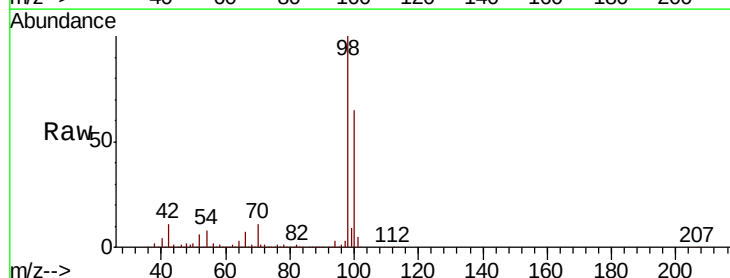
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

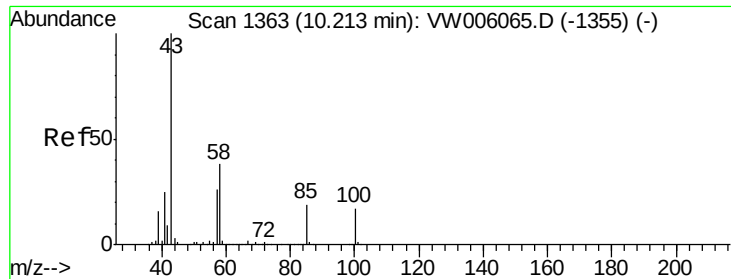
Tgt Ion: 88 Resp: 21768
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 64.0 51.2 76.8



#50
 Toluene-d8
 Concen: 45.929 ug/l
 RT: 10.33 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 98 Resp: 457179
 Ion Ratio Lower Upper
 98 100
 100 64.5 51.6 77.4

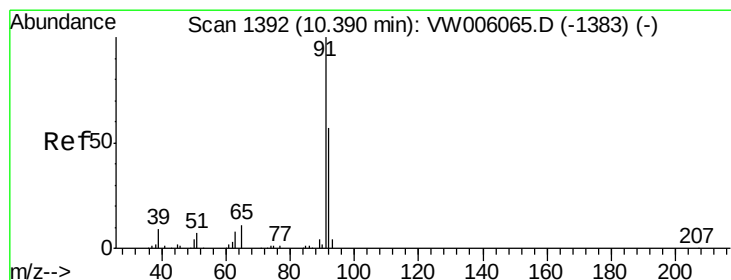
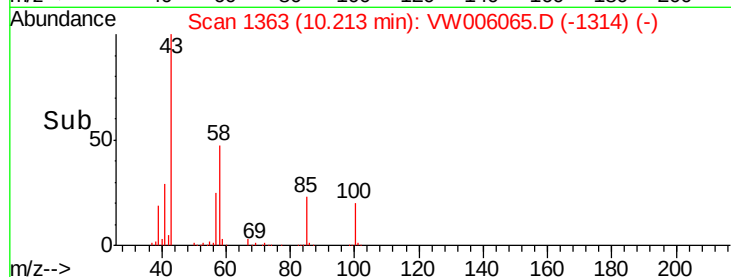
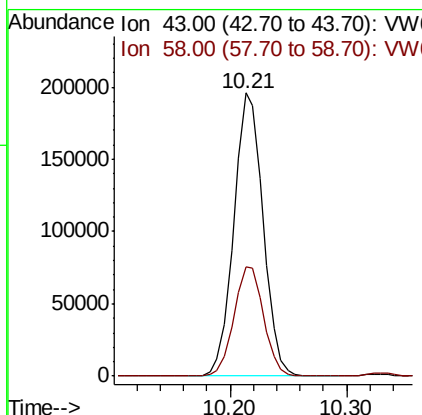
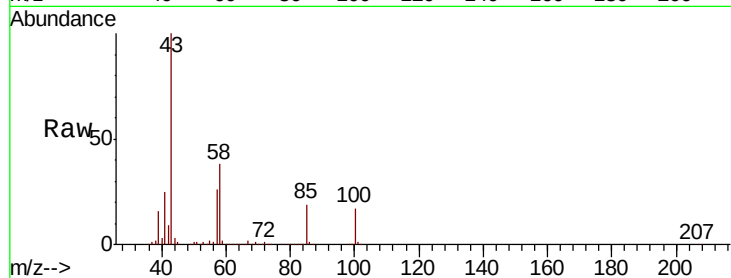




#51
 4-Methyl-2-Pentanone
 Concen: 207.553 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

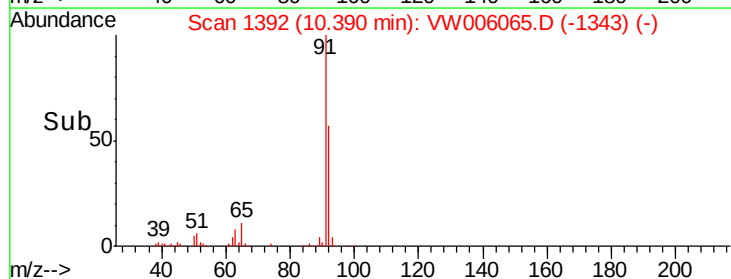
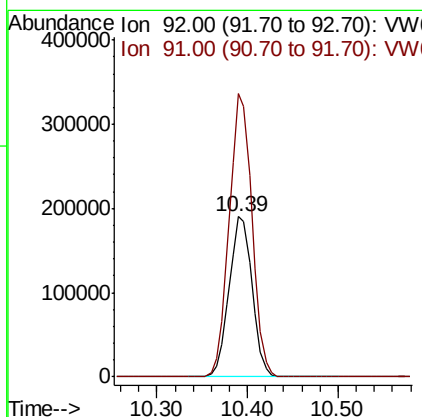
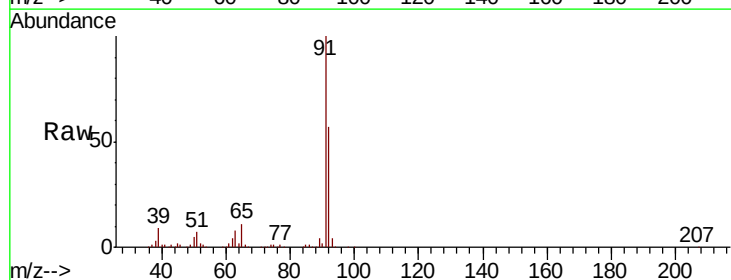
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

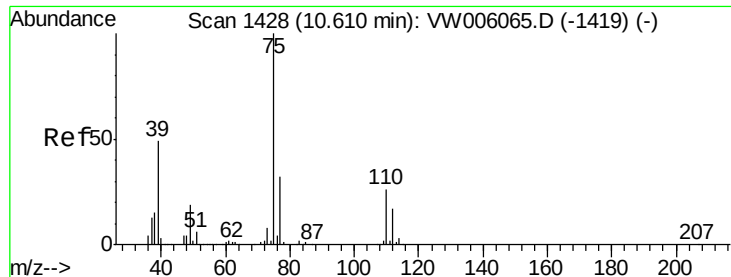
Tgt Ion: 43 Resp: 342287
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.5 47.3



#52
 Toluene
 Concen: 47.547 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 92 Resp: 334325
 Ion Ratio Lower Upper
 92 100
 91 175.0 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 43.990 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

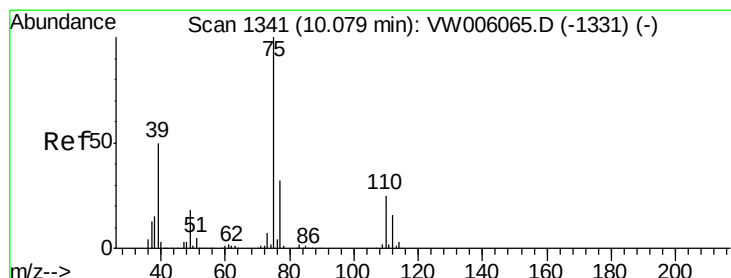
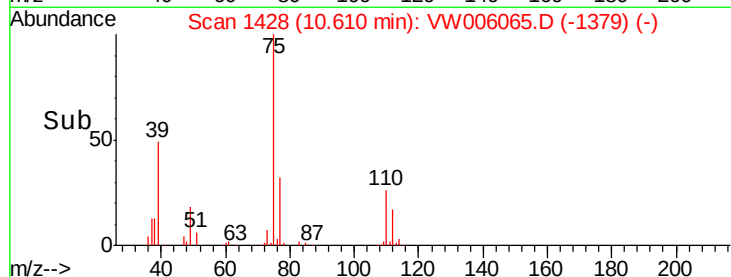
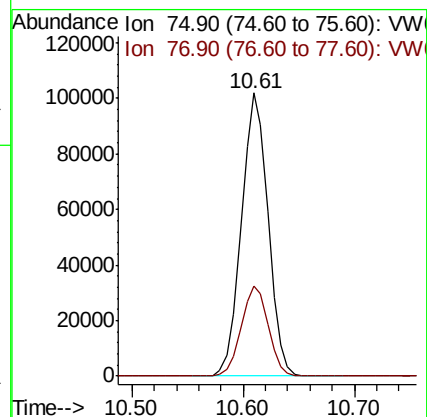
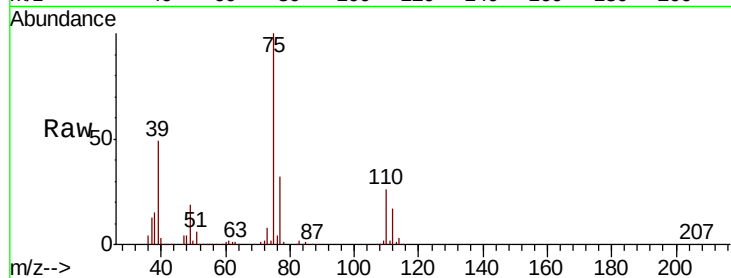
VSTDICCC050

Tgt Ion: 75 Resp: 167903

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 44.540 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

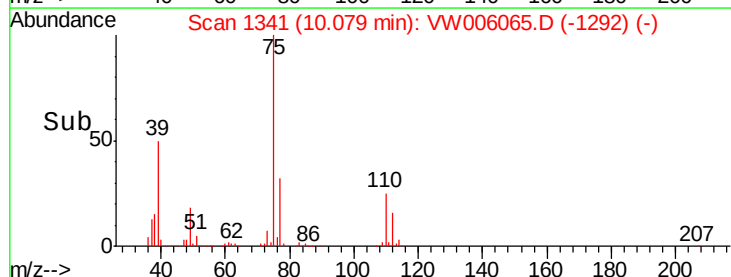
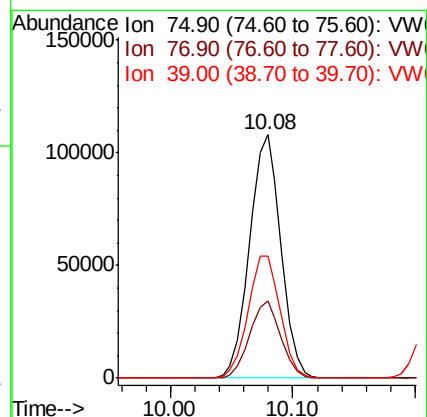
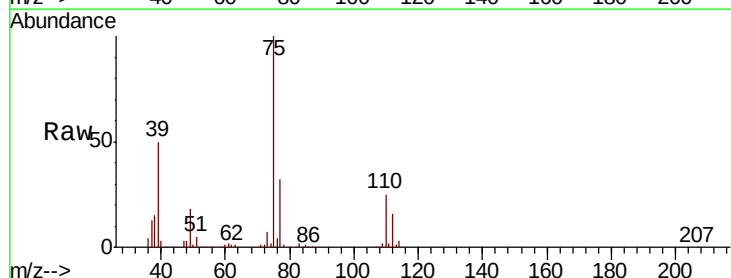
Tgt Ion: 75 Resp: 191853

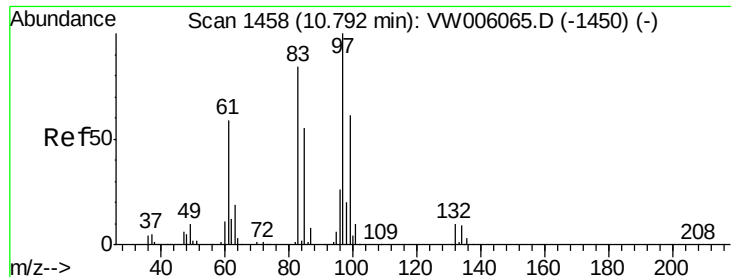
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 49.9 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 46.668 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 95224

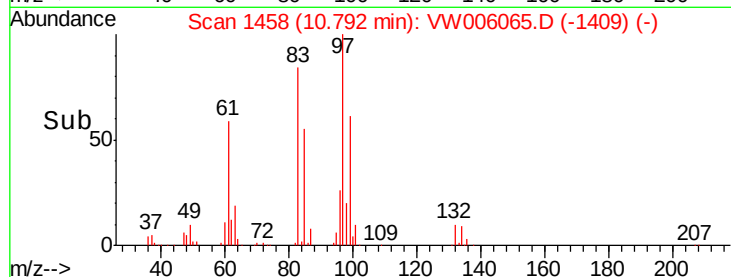
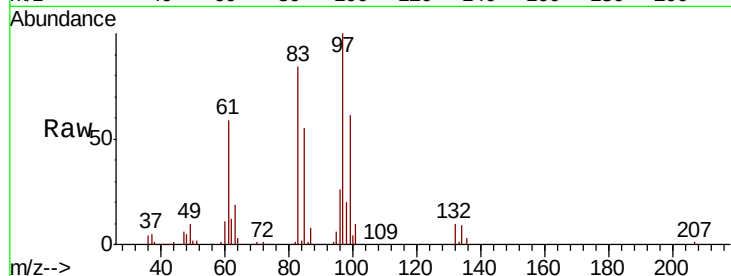
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	54.6	43.7	65.5
99	60.6	48.5	72.7

97 100

83 84.0 67.2 100.8

85 54.6 43.7 65.5

99 60.6 48.5 72.7



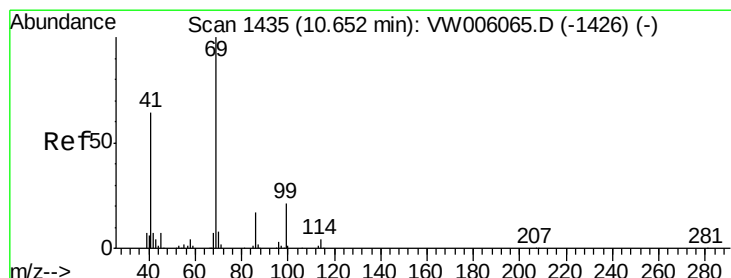
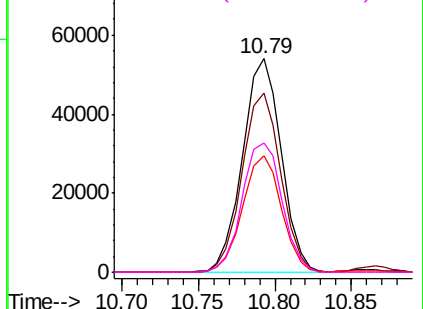
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 43.192 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

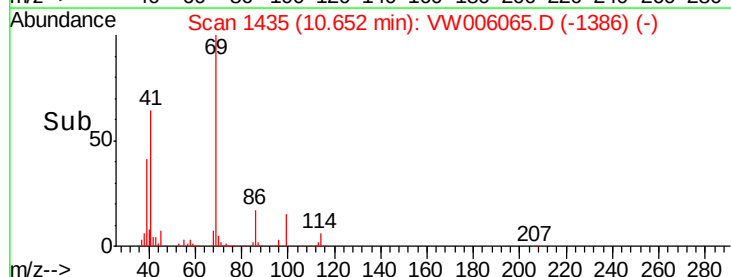
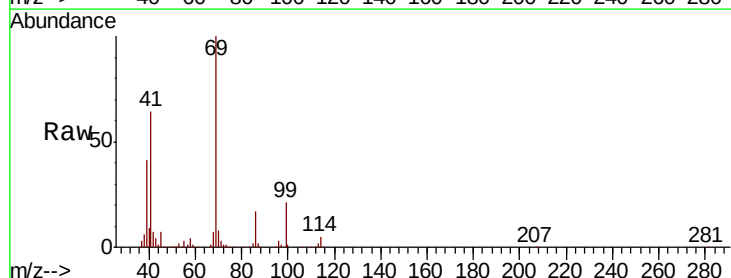
Tgt Ion: 69 Resp: 117099

Ion	Ratio	Lower	Upper
69	100		
41	66.0	52.8	79.2
39	38.2	30.6	45.8

69 100

41 66.0 52.8 79.2

39 38.2 30.6 45.8

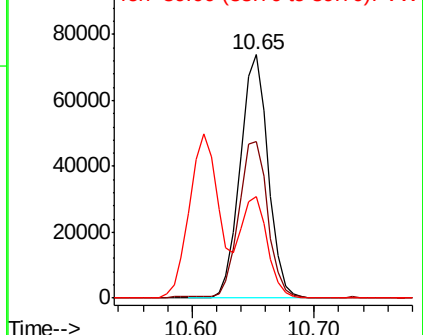


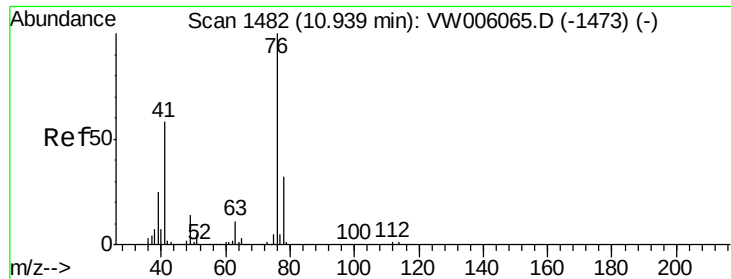
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

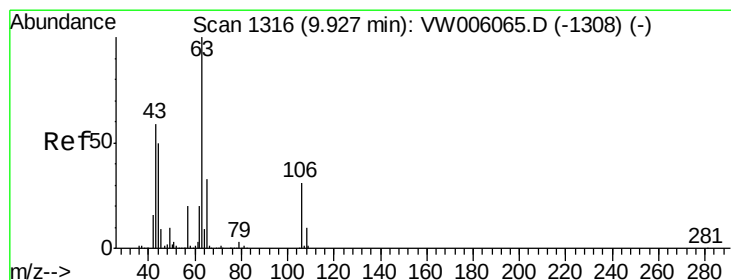
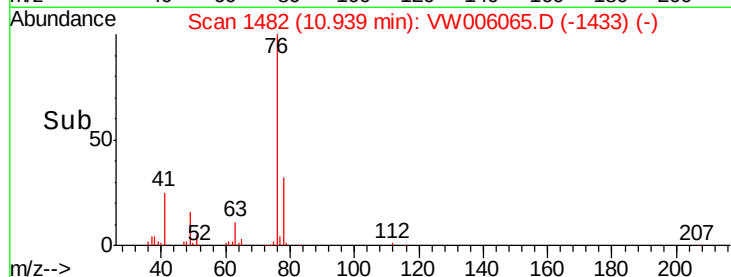
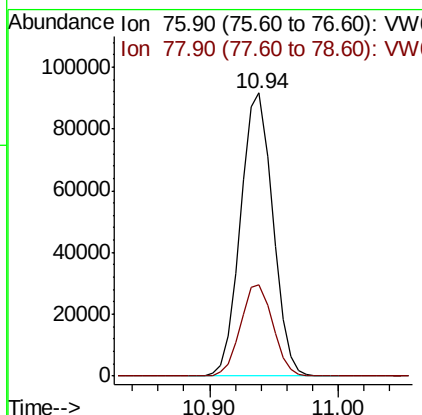
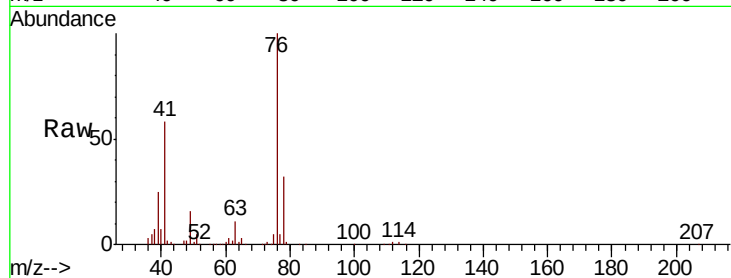




#57
 1,3-Dichloropropane
 Concen: 46.260 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

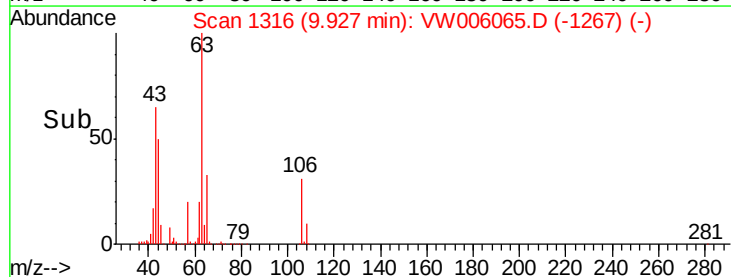
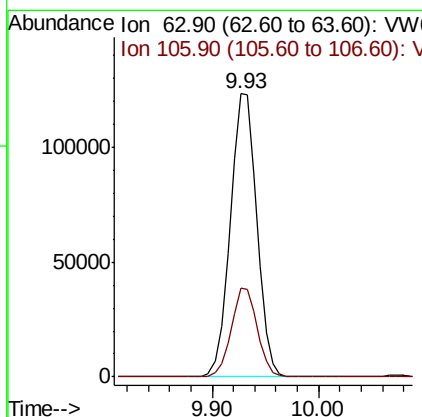
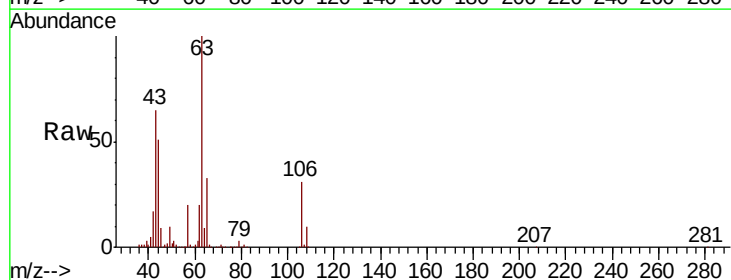
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

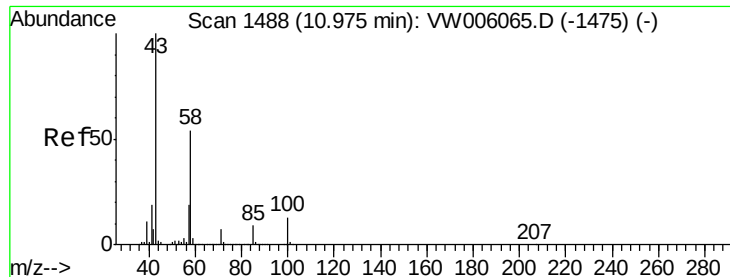
Tgt Ion: 76 Resp: 158237
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 197.475 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 63 Resp: 215983
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.5 36.7

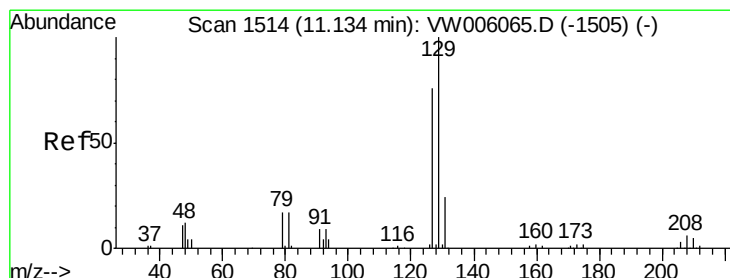
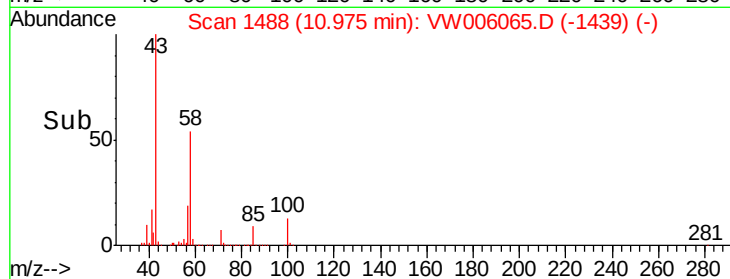
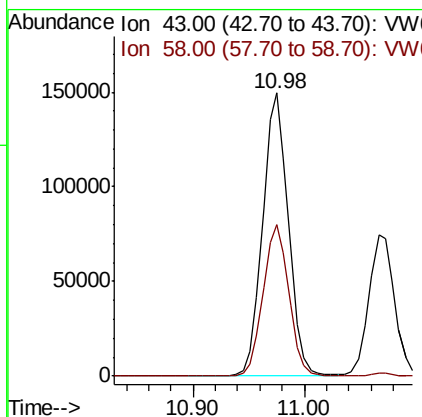
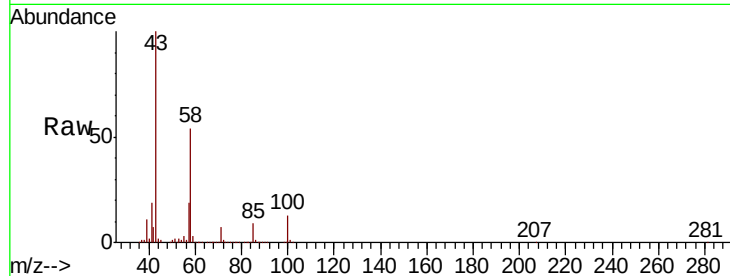




#59
2-Hexanone
Concen: 204.984 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

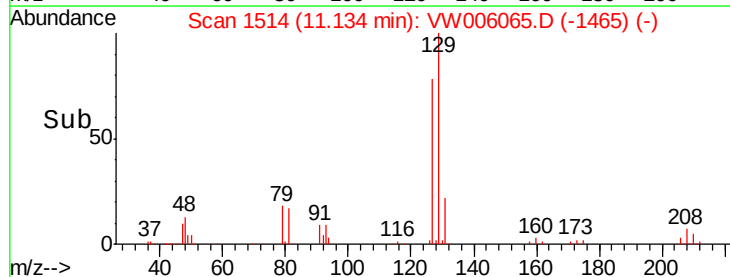
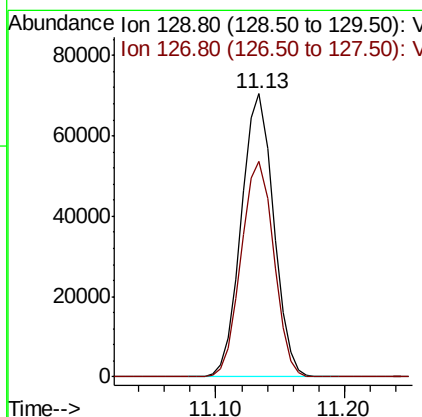
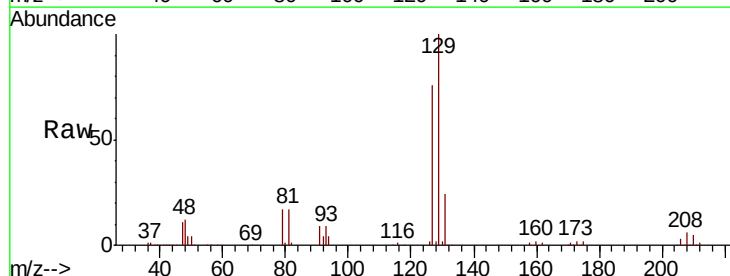
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

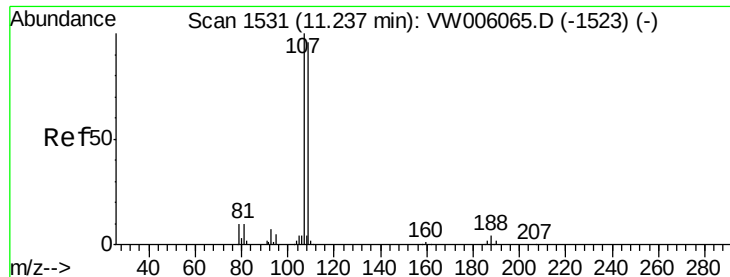
Tgt Ion: 43 Resp: 241080
Ion Ratio Lower Upper
43 100
58 53.7 26.9 80.6



#60
Dibromochloromethane
Concen: 46.566 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 129 Resp: 122127
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

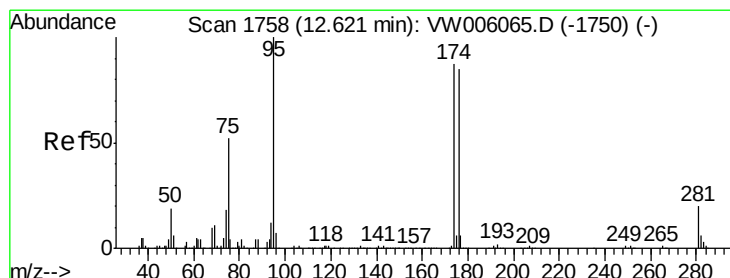
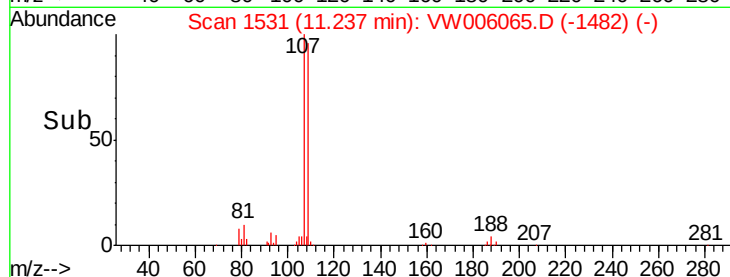
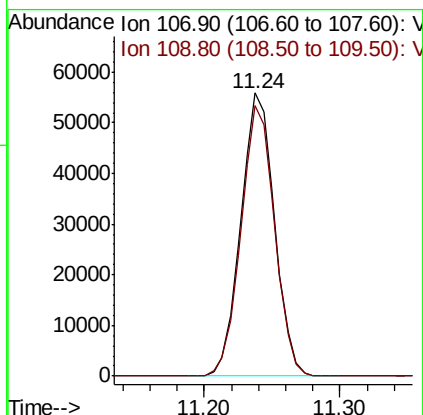
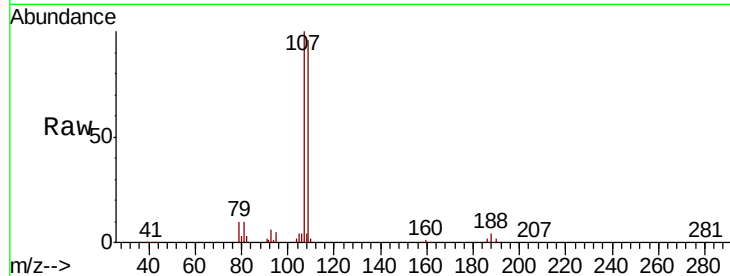




#61
 1,2-Dibromoethane
 Concen: 47.339 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

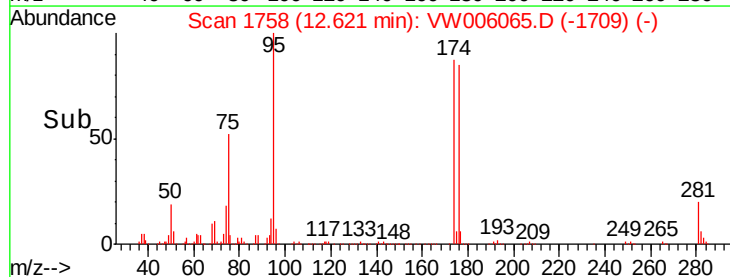
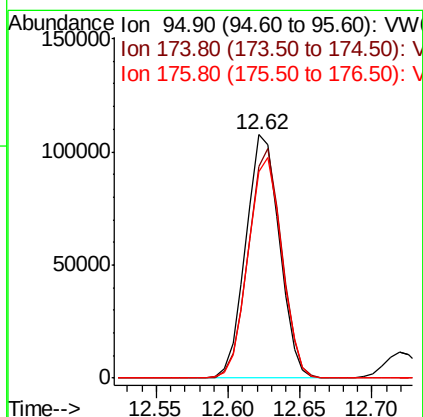
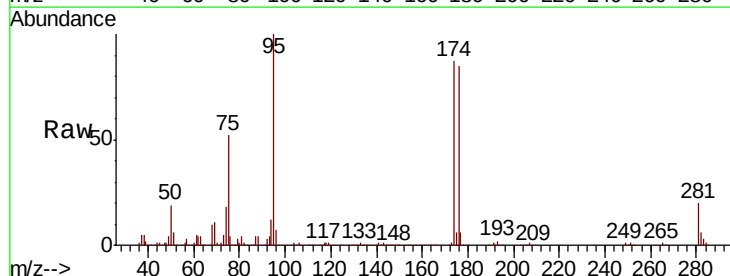
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

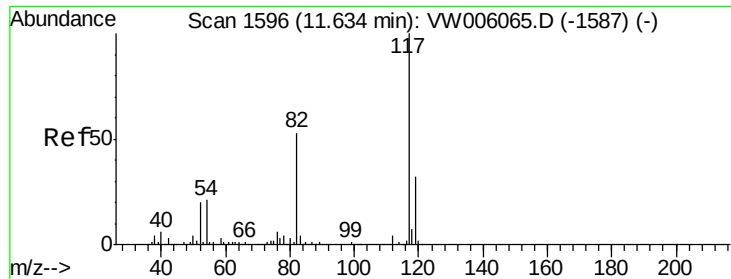
Tgt Ion: 107 Resp: 96603
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 45.932 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 95 Resp: 173812
 Ion Ratio Lower Upper
 95 100
 174 93.0 0.0 186.0
 176 90.8 0.0 181.6

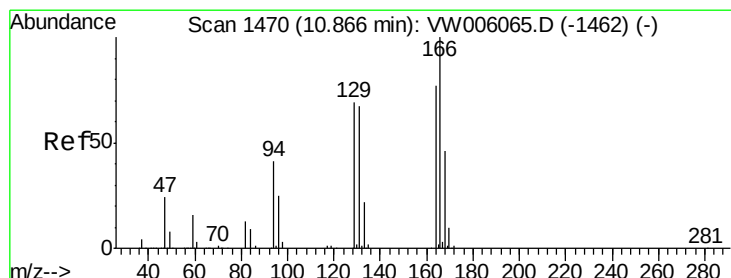
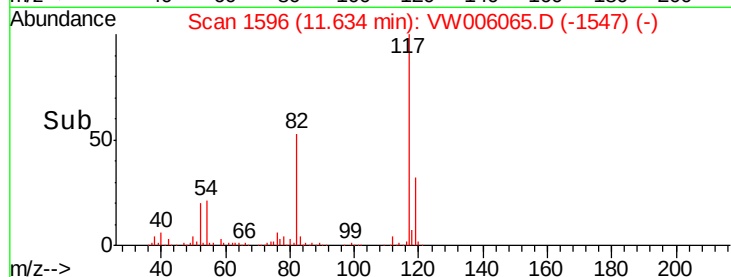
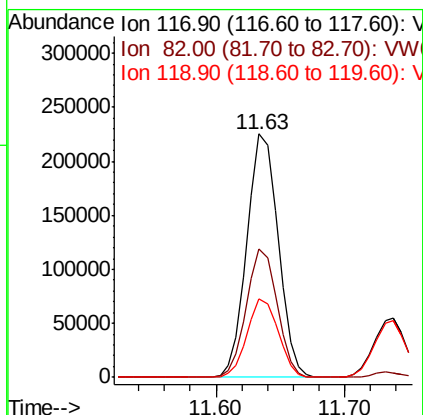
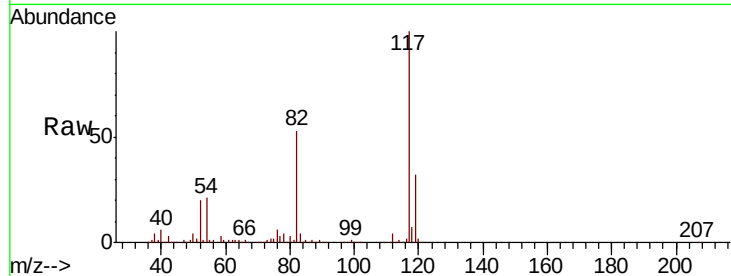




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

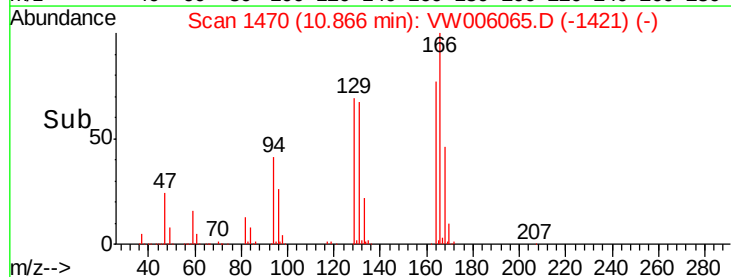
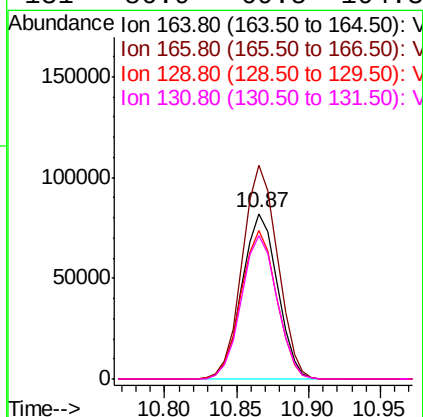
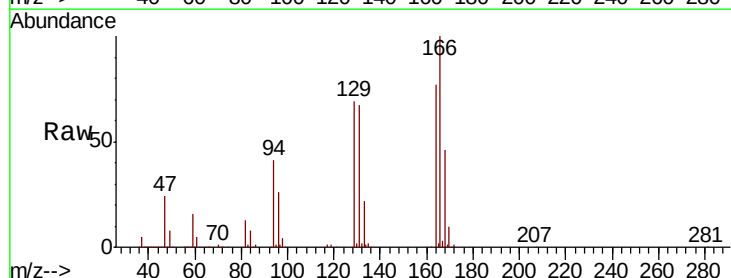
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

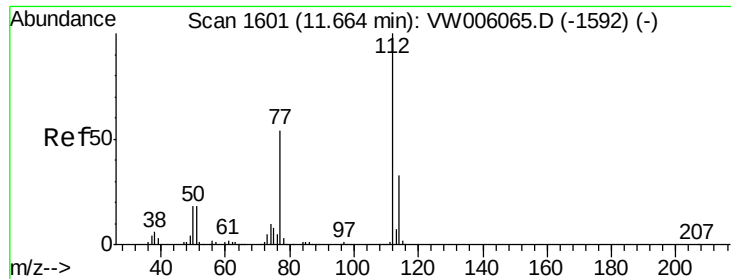
Tgt Ion:117 Resp: 379301
Ion Ratio Lower Upper
117 100
82 52.6 42.1 63.1
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 49.618 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion:164 Resp: 139918
Ion Ratio Lower Upper
164 100
166 129.2 103.4 155.0
129 89.8 71.8 107.8
131 86.9 69.5 104.3

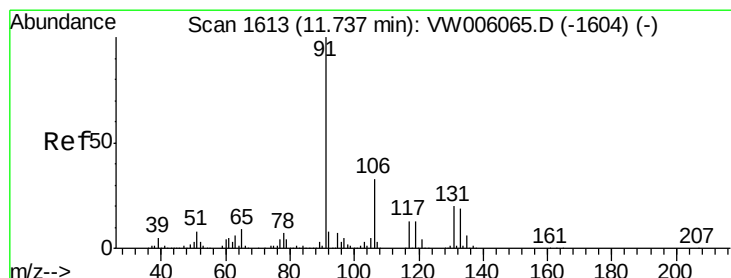
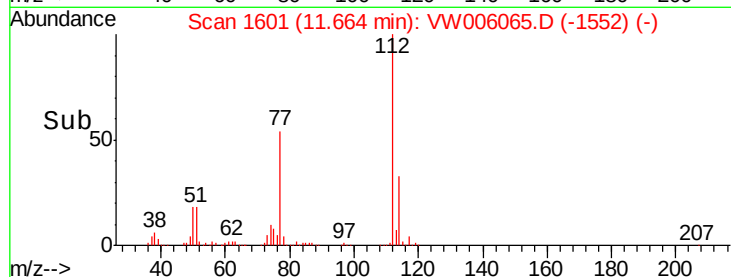
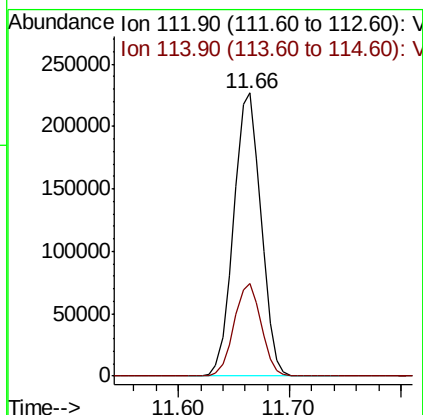
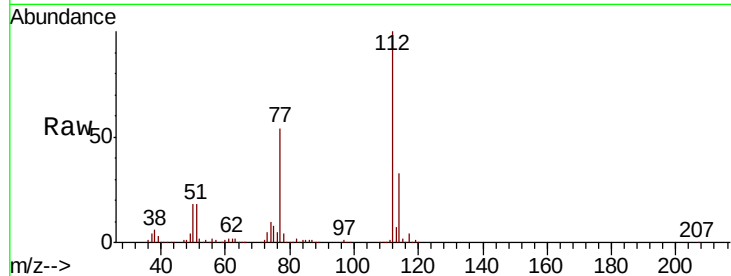




#65
Chlorobenzene
Concen: 47.893 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

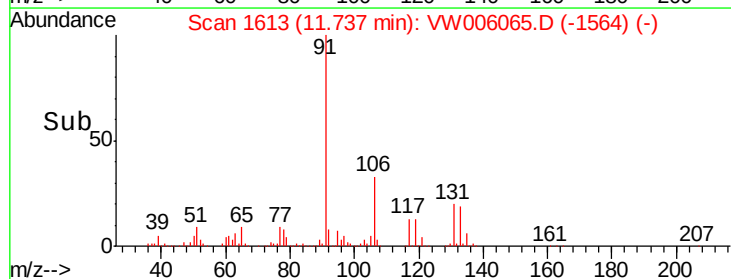
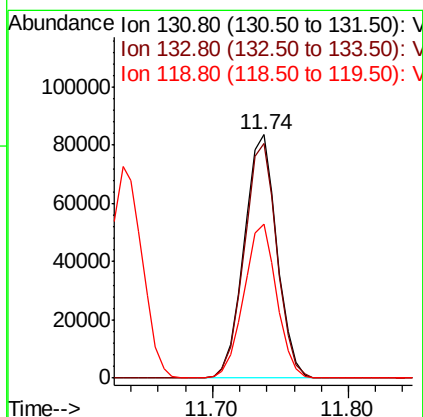
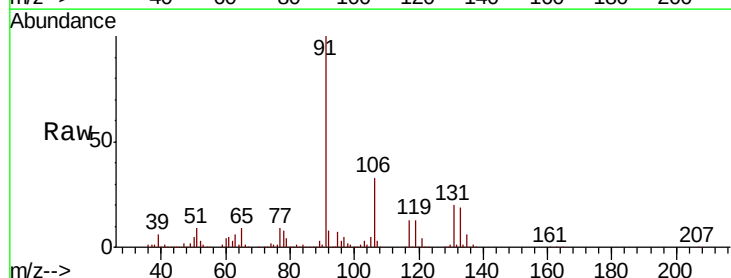
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

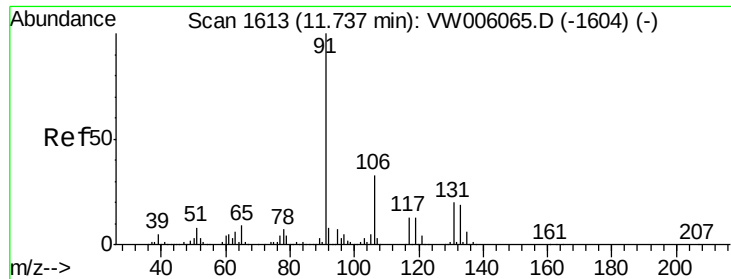
Tgt Ion:112 Resp: 385403
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.780 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion:131 Resp: 140968
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 63.1 31.6 94.7

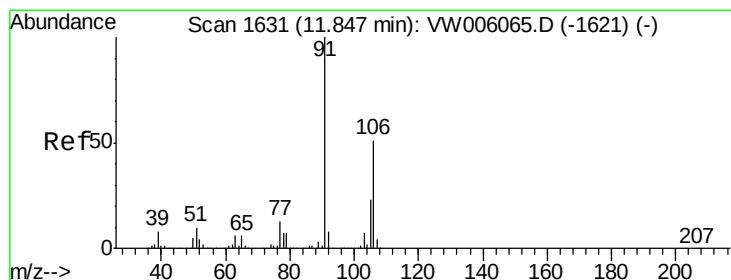
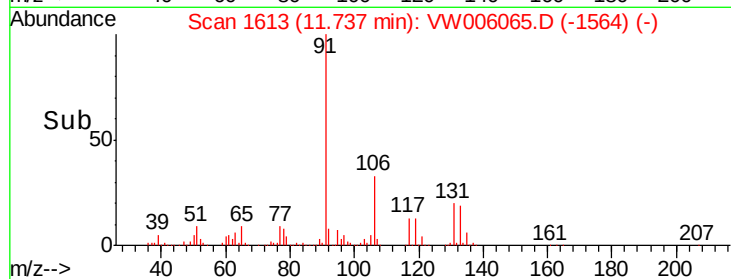
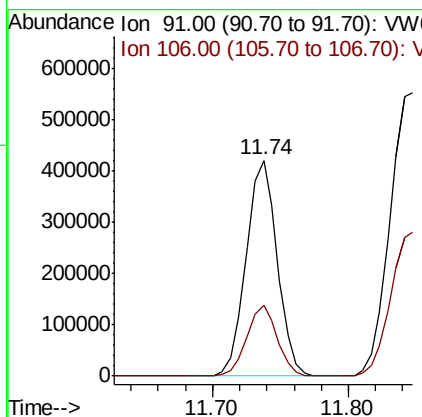
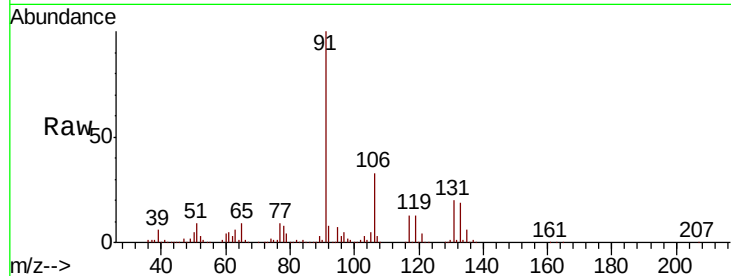




#67
Ethyl Benzene
Concen: 47.595 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

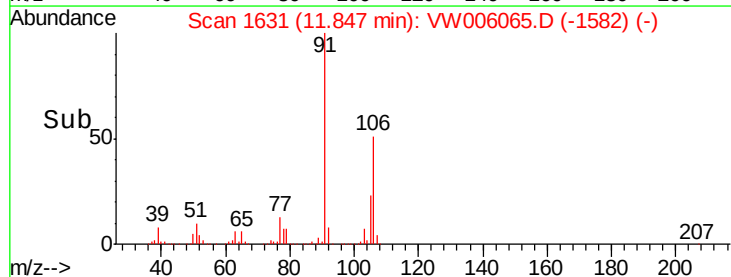
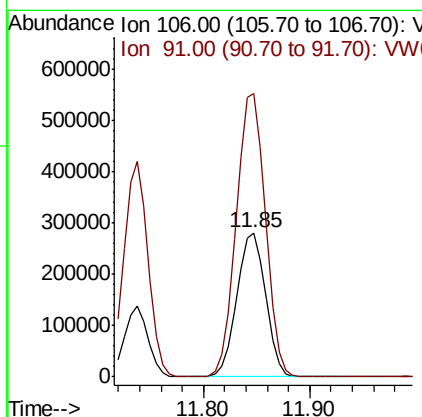
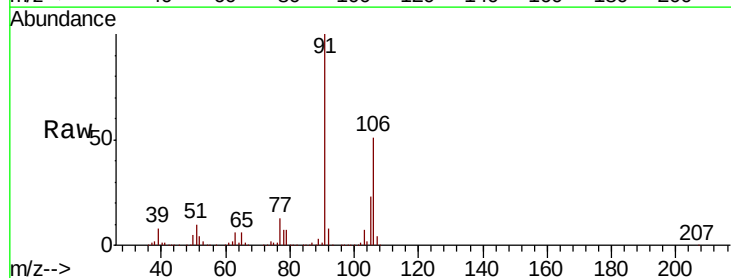
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

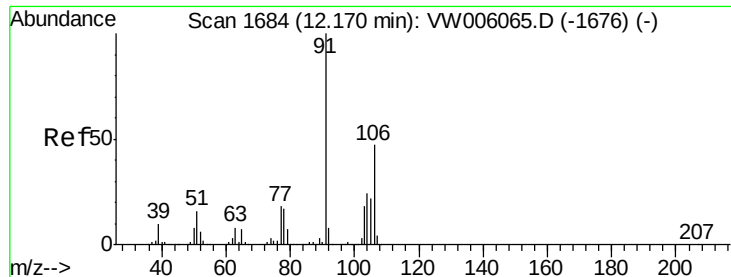
Tgt Ion: 91 Resp: 674149
Ion Ratio Lower Upper
91 100
106 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 96.473 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 106 Resp: 535581
Ion Ratio Lower Upper
106 100
91 198.9 159.1 238.7

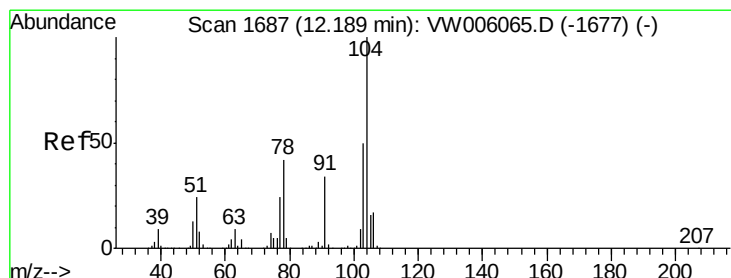
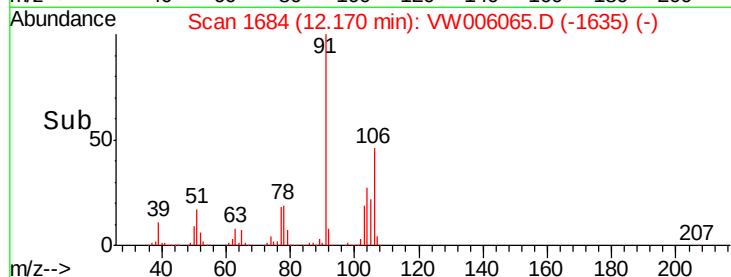
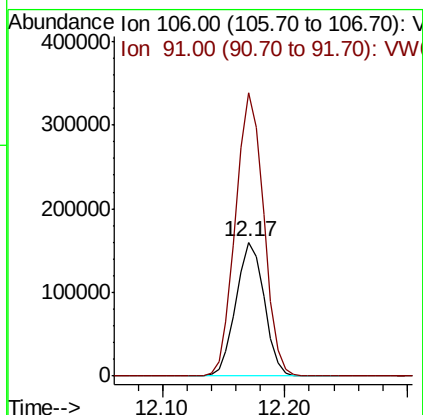
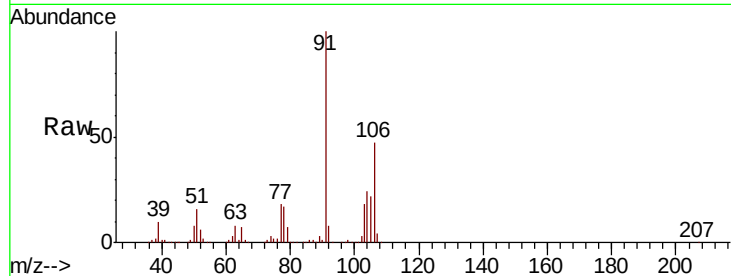




#69
o-Xylene
Concen: 48.098 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

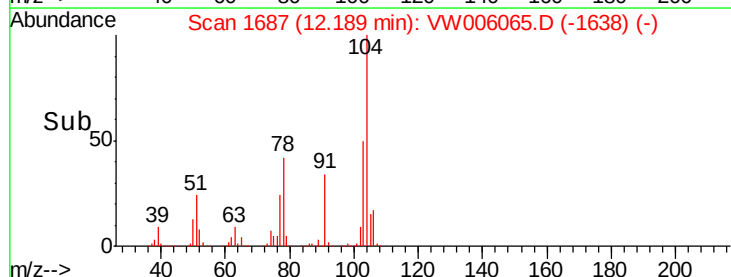
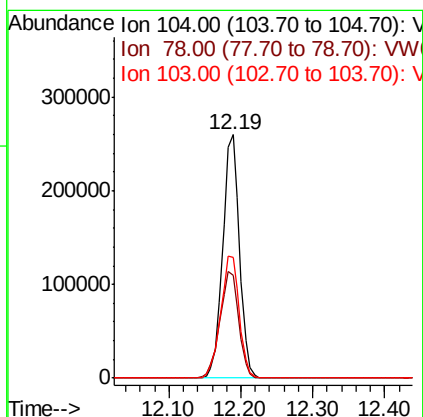
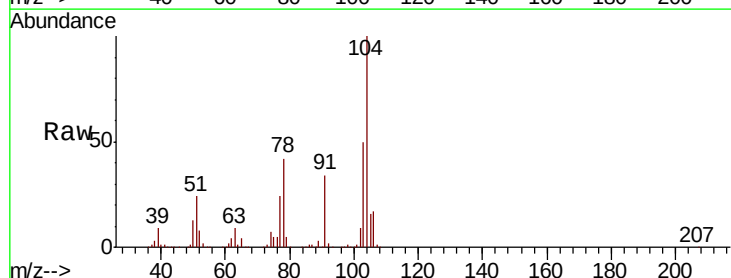
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

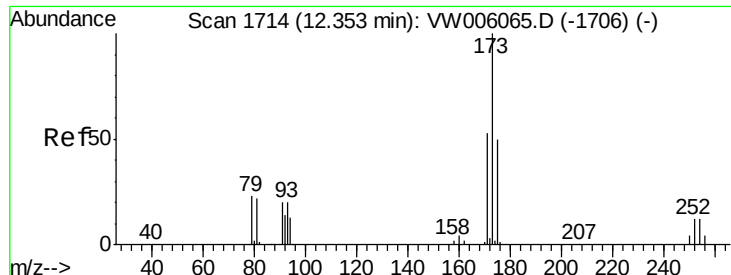
Tgt Ion:106 Resp: 255865
Ion Ratio Lower Upper
106 100
91 210.7 105.4 316.1



#70
Styrene
Concen: 47.685 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion:104 Resp: 420043
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 55.4 44.3 66.5





#71

Bromoform

Concen: 45.857 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

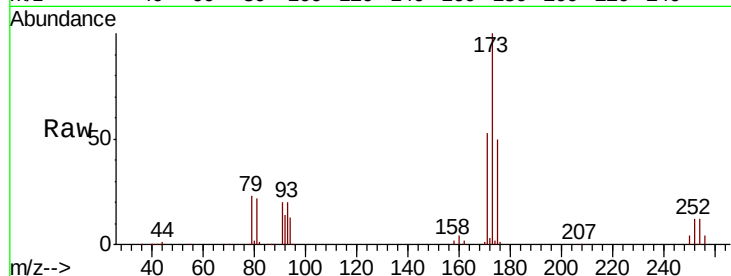
Tgt Ion:173 Resp: 80040

Ion Ratio Lower Upper

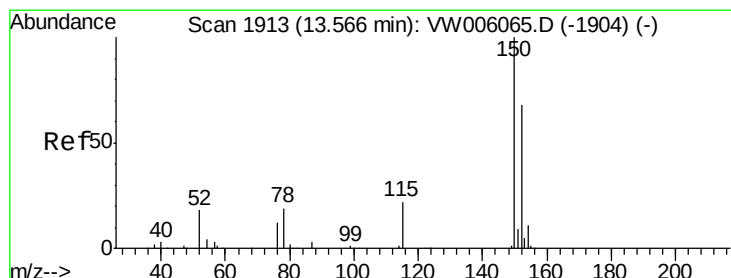
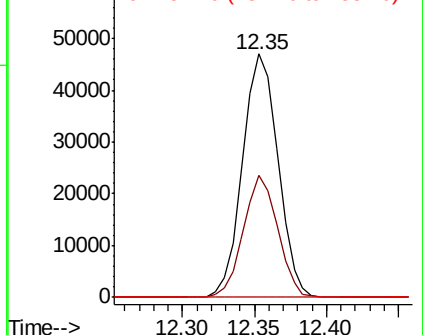
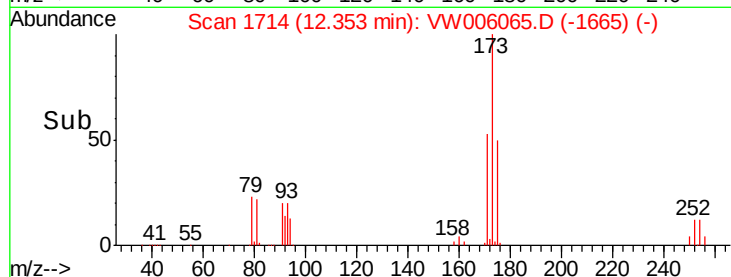
173 100

175 48.4 24.2 72.6

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

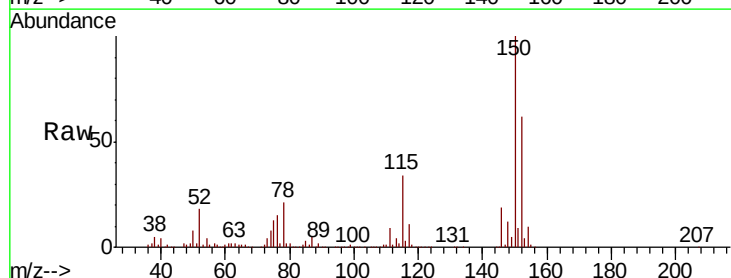
Tgt Ion:152 Resp: 214298

Ion Ratio Lower Upper

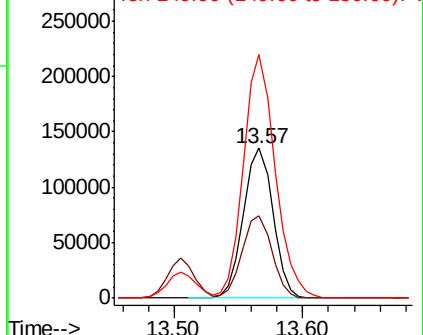
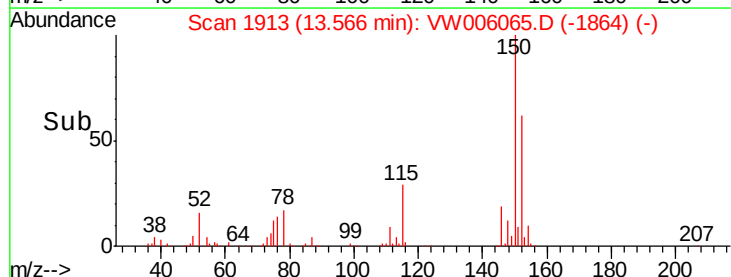
152 100

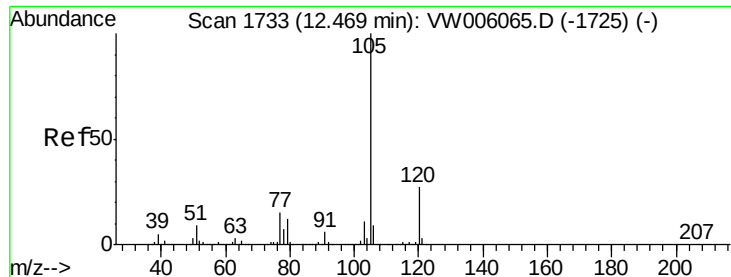
115 55.5 27.8 83.3

150 174.6 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: 46.717 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

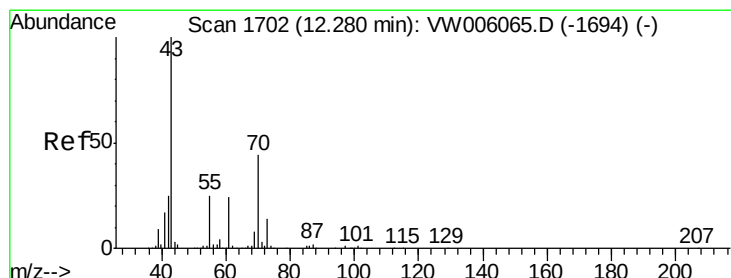
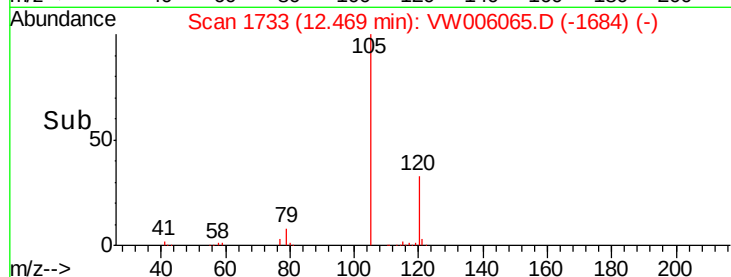
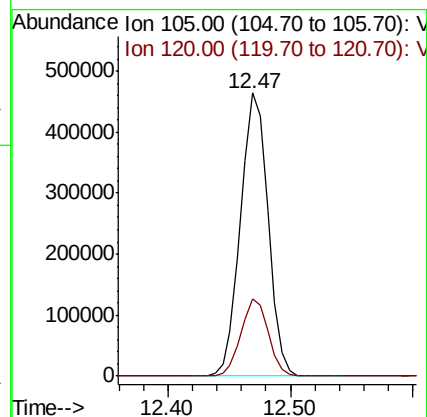
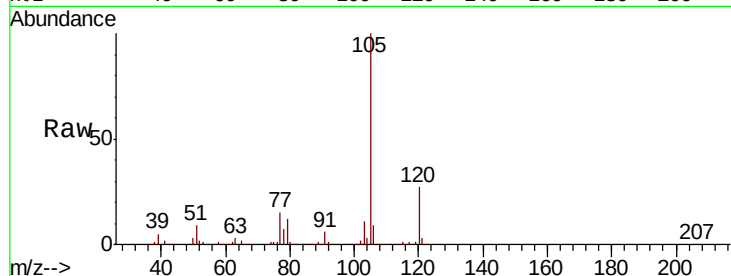
VSTDICCC050

Tgt Ion: 105 Resp: 721745

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-amyl acetate

Concen: 39.188 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Tgt Ion: 43 Resp: 140233

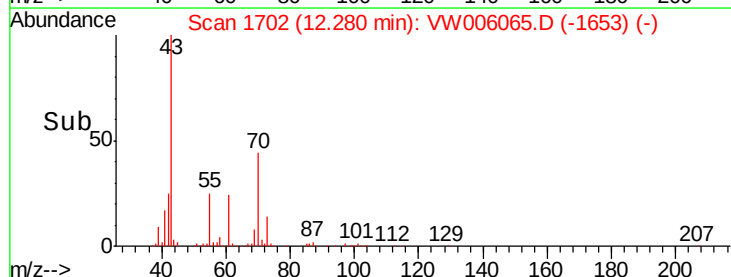
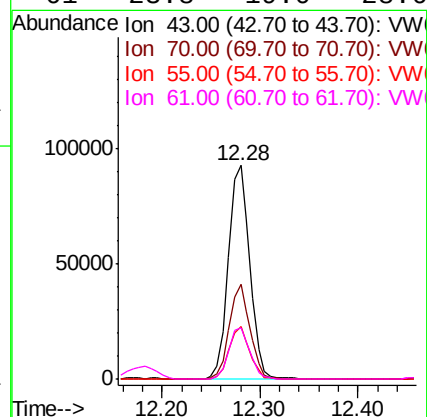
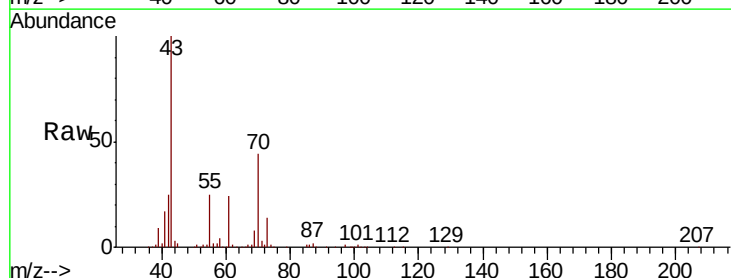
Ion Ratio Lower Upper

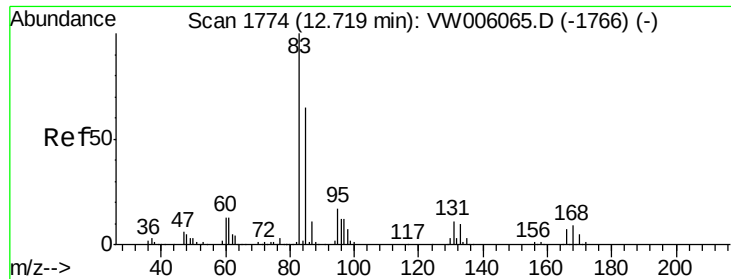
43 100

70 42.8 34.2 51.4

55 24.0 19.2 28.8

61 23.8 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 44.249 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

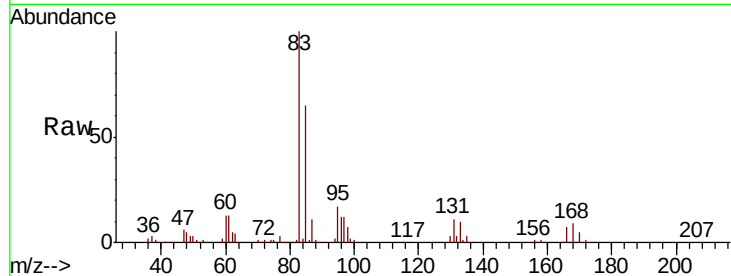
Tgt Ion: 83 Resp: 111353

Ion Ratio Lower Upper

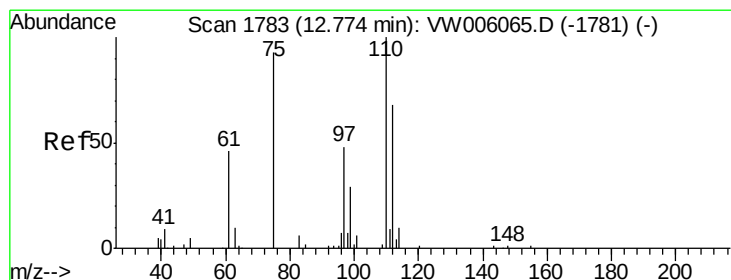
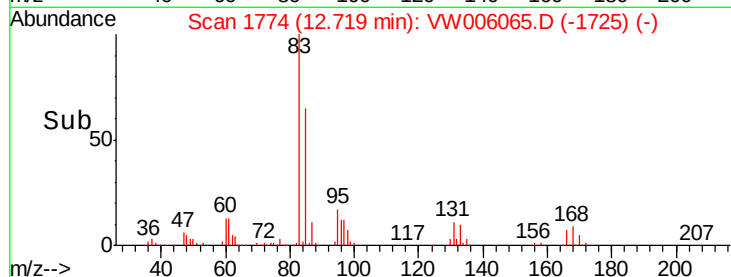
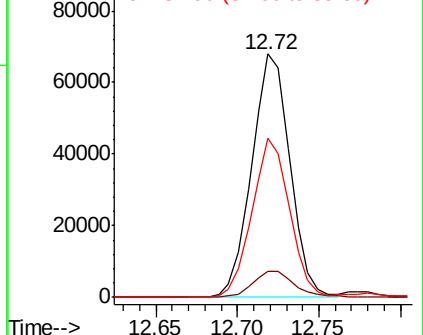
83 100

131 11.8 5.9 17.7

85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 80.309 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006065.D

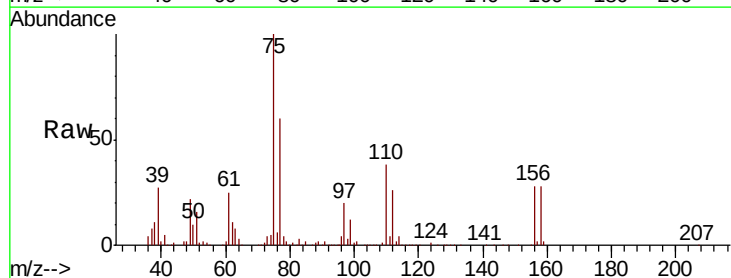
Acq: 15 Oct 2018 18:20

Tgt Ion: 75 Resp: 148305

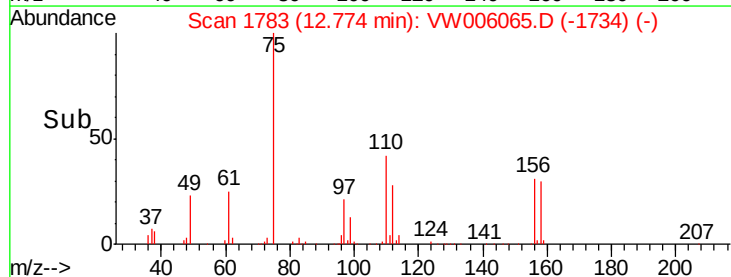
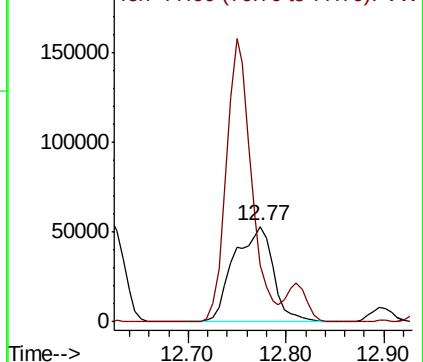
Ion Ratio Lower Upper

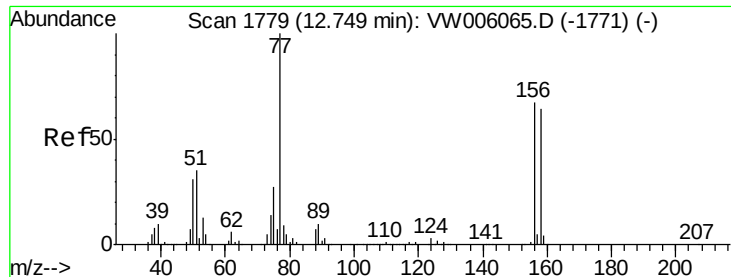
75 100

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

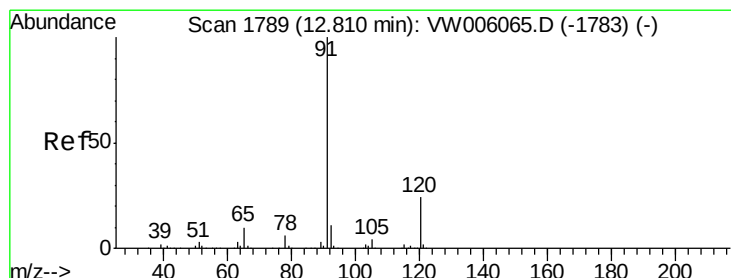
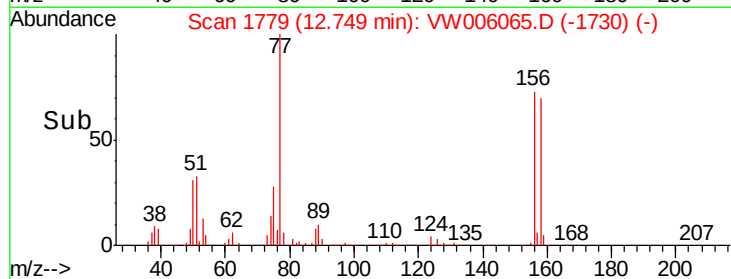
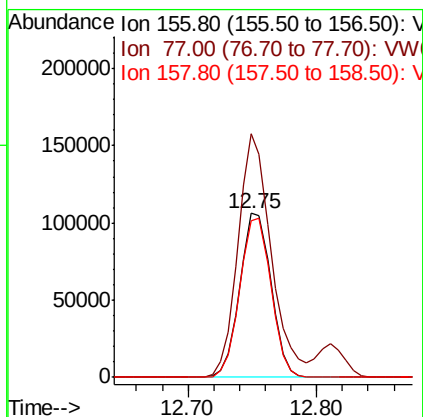
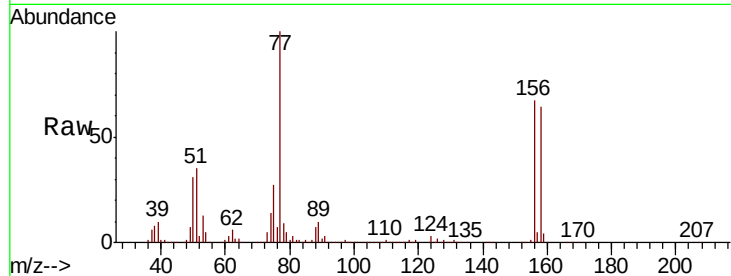




#77
Bromobenzene
Concen: 48.332 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

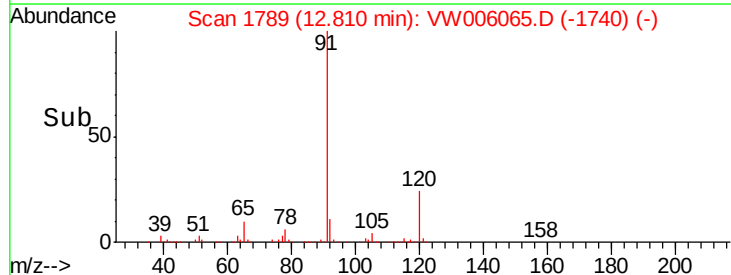
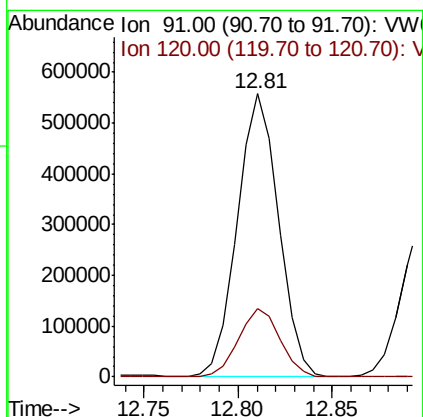
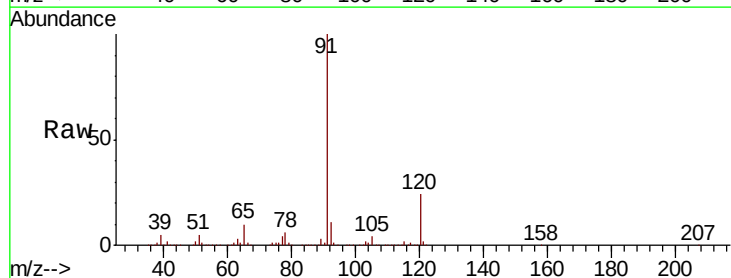
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

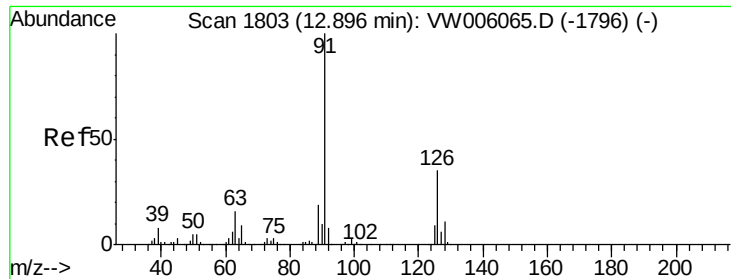
Tgt Ion: 156 Resp: 177927
Ion Ratio Lower Upper
156 100
77 158.3 79.1 237.4
158 97.1 48.5 145.6



#78
n-propylbenzene
Concen: 46.624 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006065.D
Acq: 15 Oct 2018 18:20

Tgt Ion: 91 Resp: 846607
Ion Ratio Lower Upper
91 100
120 24.4 12.2 36.6





#79

2-Chlorotoluene

Concen: 46.665 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

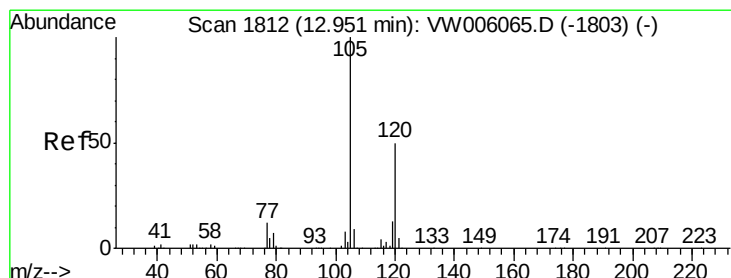
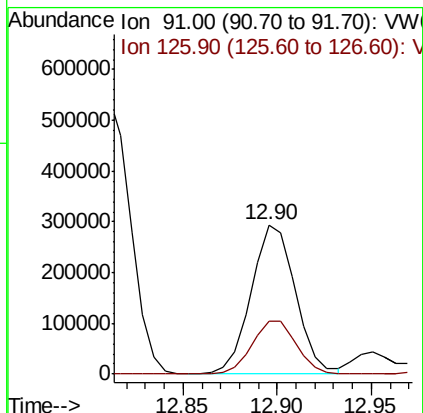
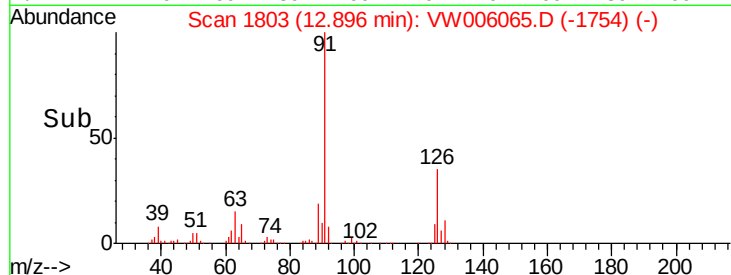
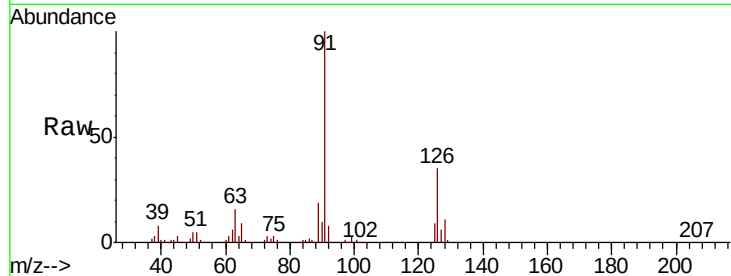
VSTDICCC050

Tgt Ion: 91 Resp: 478918

Ion Ratio Lower Upper

91 100

126 35.9 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 47.235 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006065.D

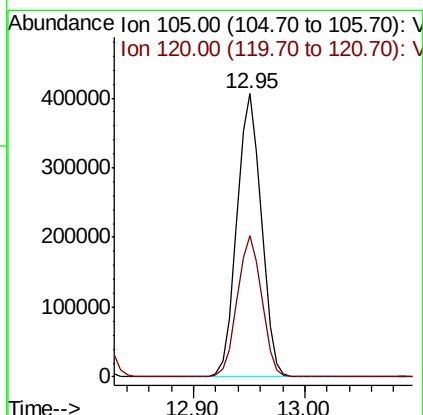
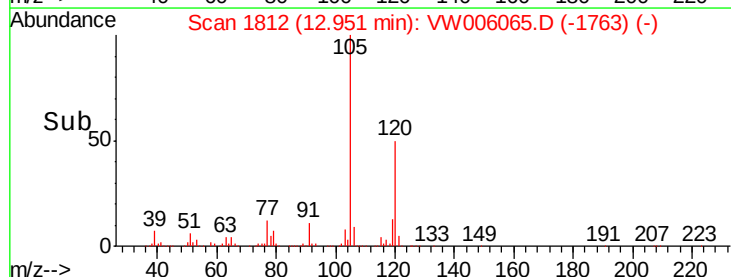
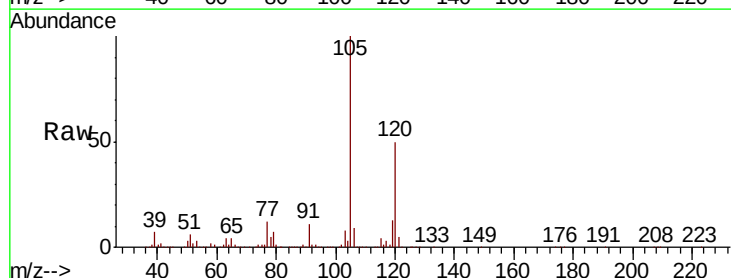
Acq: 15 Oct 2018 18:20

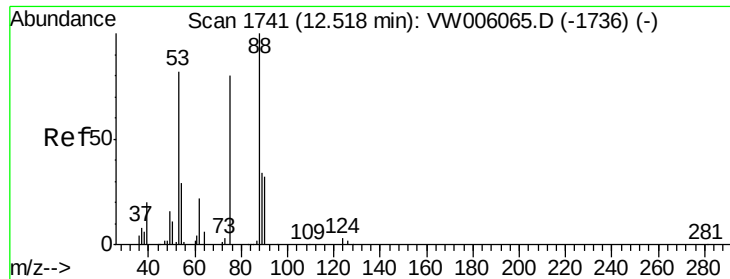
Tgt Ion: 105 Resp: 616943

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 38.435 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

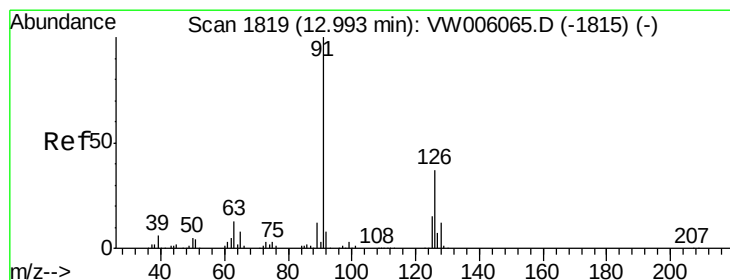
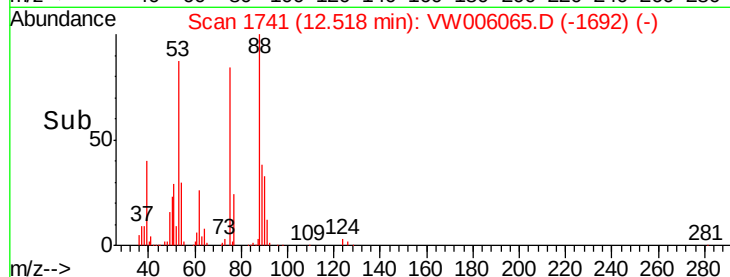
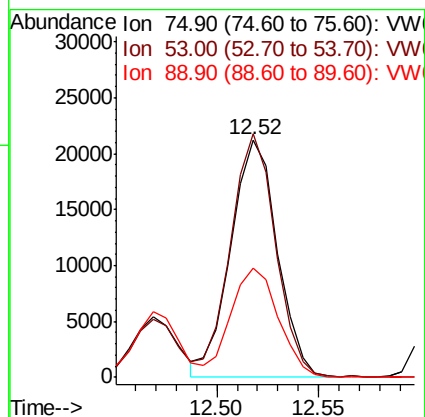
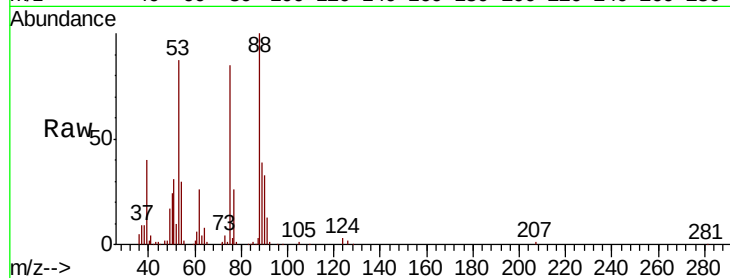
Tgt Ion: 75 Resp: 33428

Ion Ratio Lower Upper

75 100

53 99.7 79.8 119.6

89 46.9 37.5 56.3



#82

4-Chlorotoluene

Concen: 46.305 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW006065.D

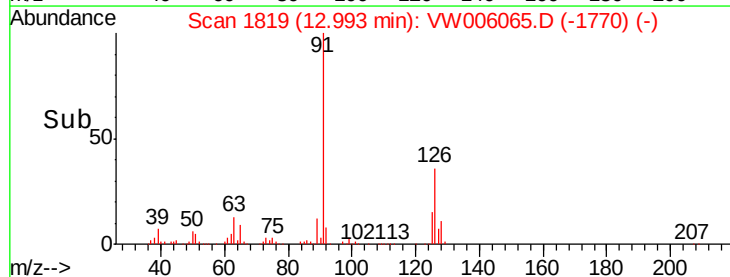
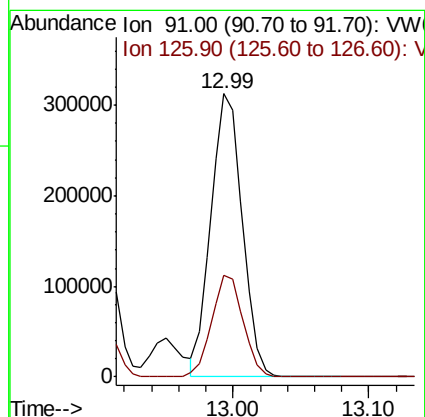
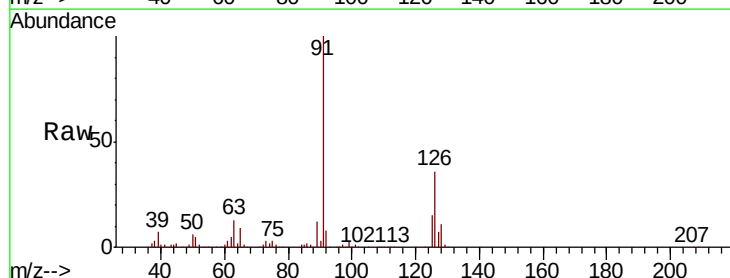
Acq: 15 Oct 2018 18:20

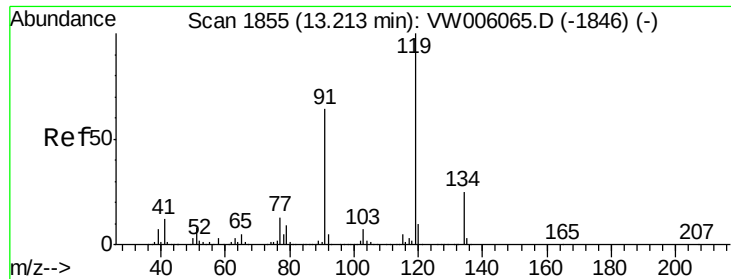
Tgt Ion: 91 Resp: 497970

Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.3

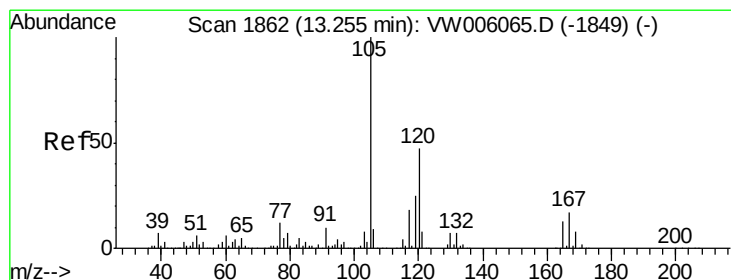
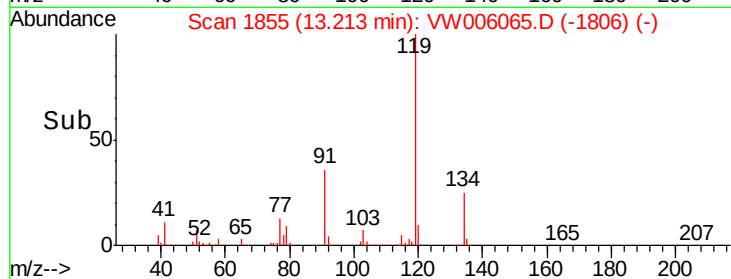
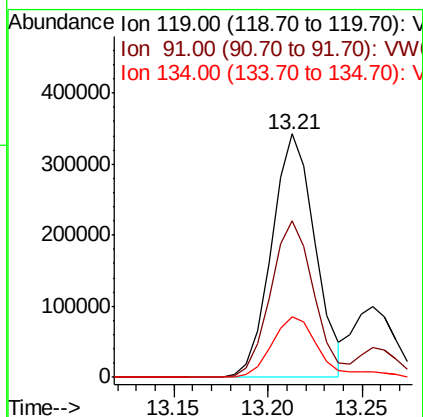
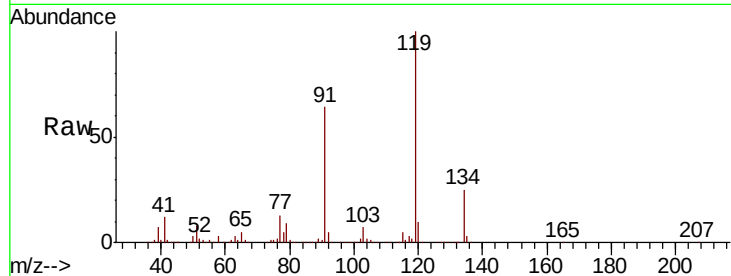




#83
 tert-Butylbenzene
 Concen: 47.205 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

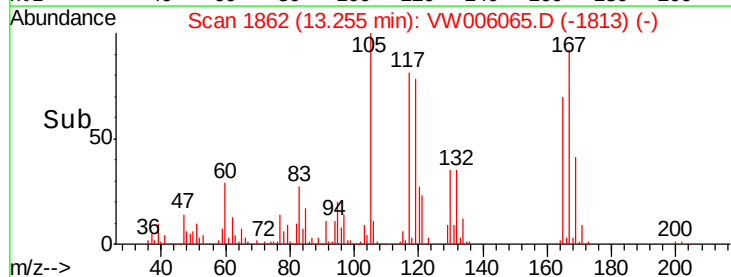
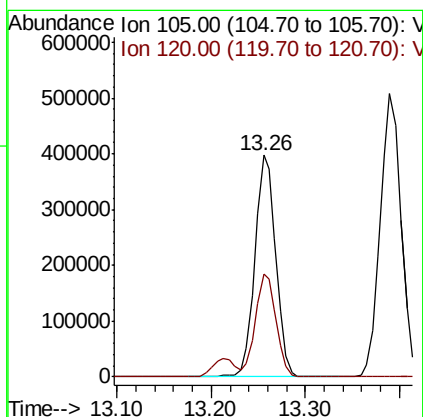
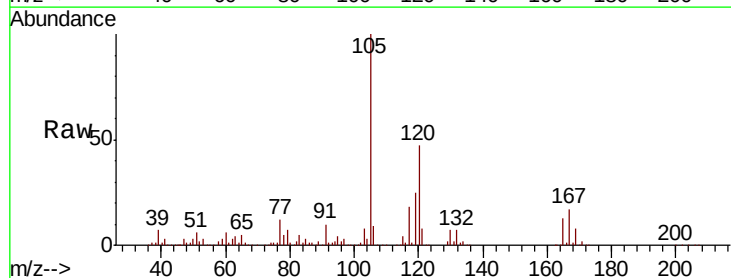
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

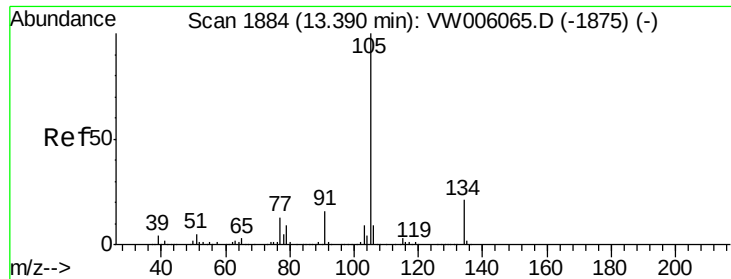
Tgt Ion:119 Resp: 547709
 Ion Ratio Lower Upper
 119 100
 91 64.6 32.3 96.9
 134 27.2 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.298 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion:105 Resp: 622506
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3

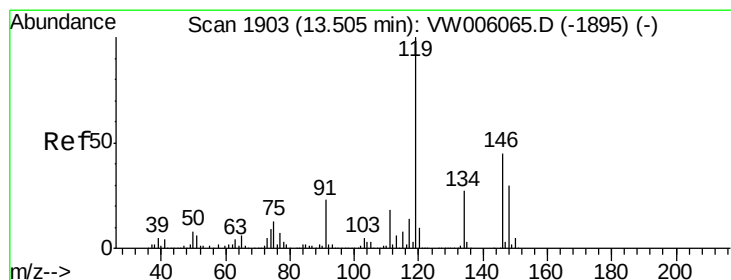
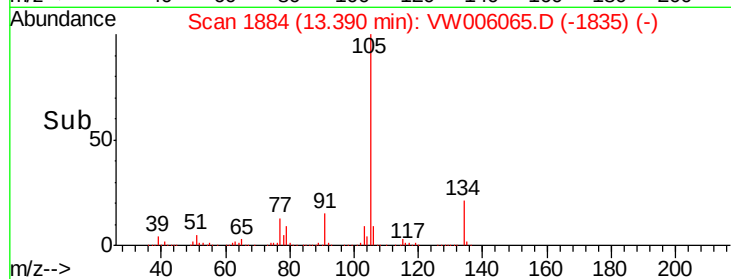
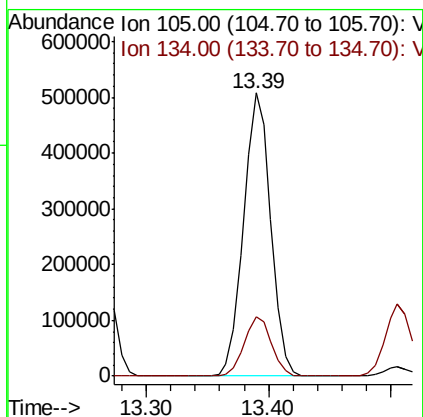
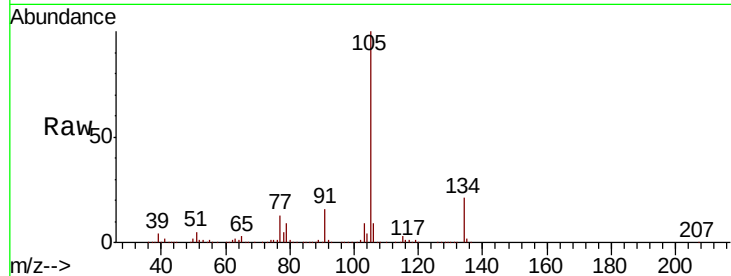




#85
 sec-Butylbenzene
 Concen: 47.803 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

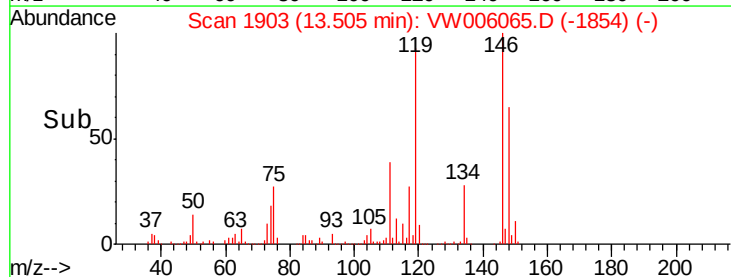
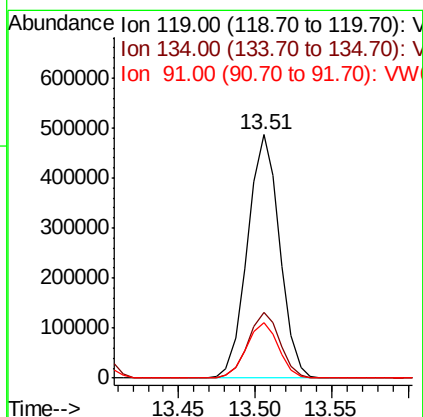
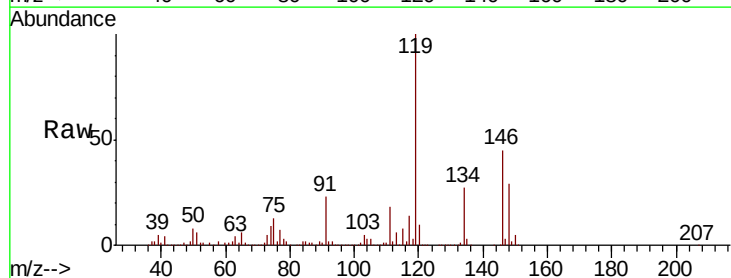
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

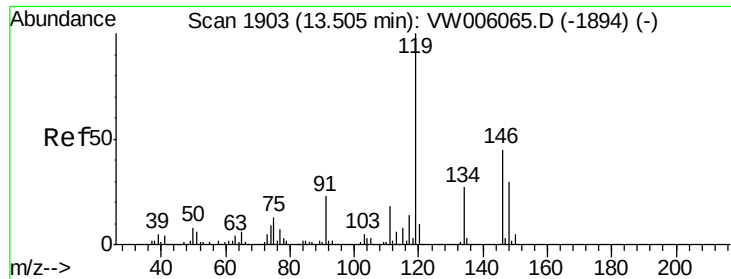
Tgt Ion:105 Resp: 779183
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 48.430 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion:119 Resp: 710953
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.7 11.4 34.1

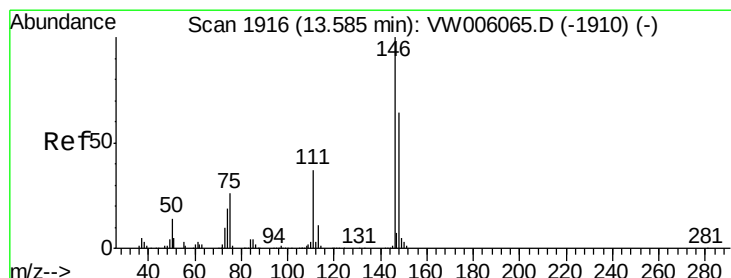
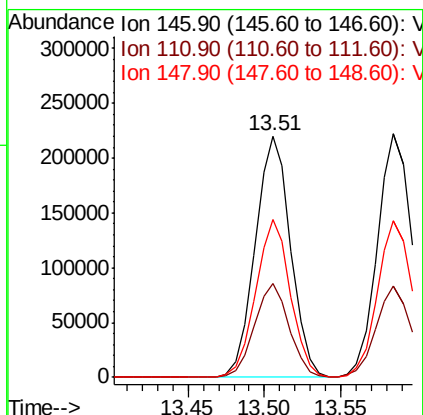
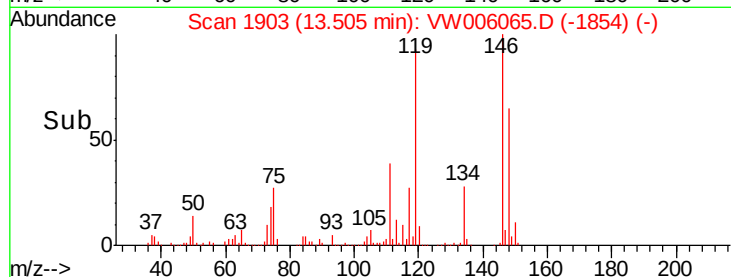
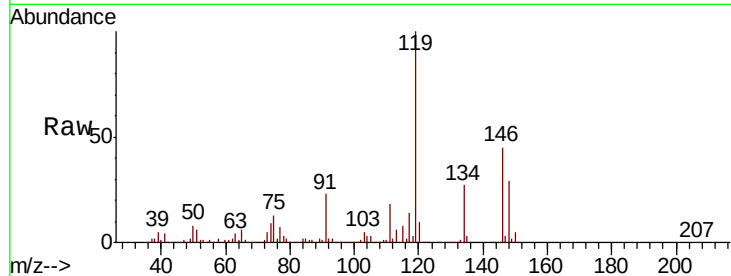




#87
 1,3-Dichlorobenzene
 Concen: 48.327 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

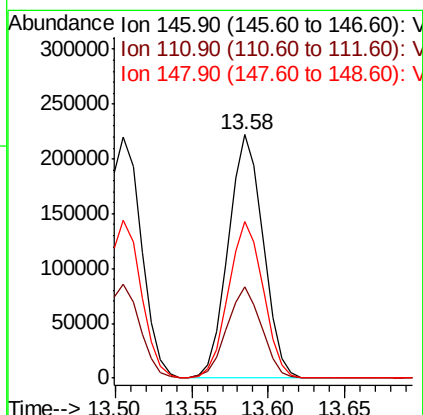
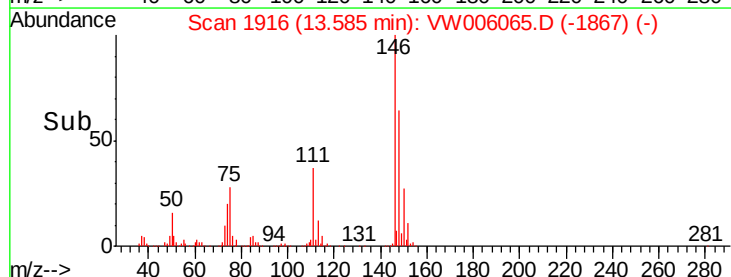
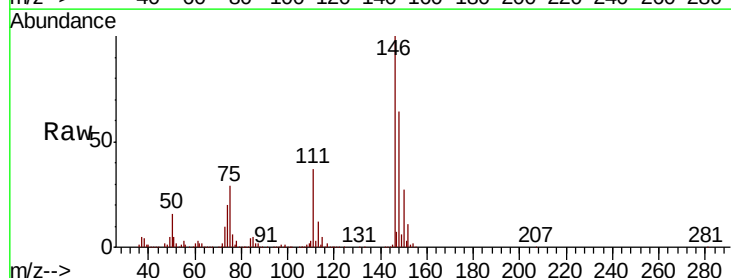
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

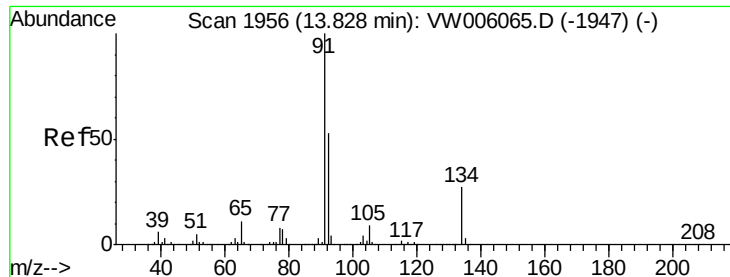
Tgt Ion:146 Resp: 353004
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.282 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion:146 Resp: 350420
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 46.717 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

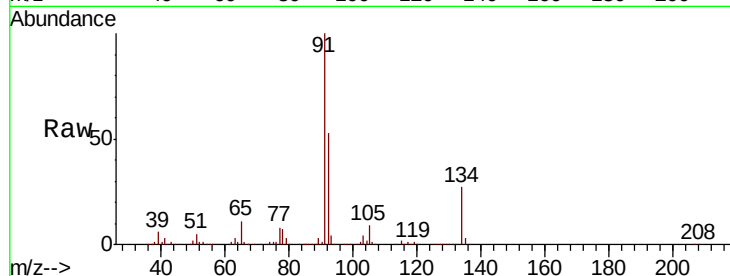
Tgt Ion: 91 Resp: 642349

Ion Ratio Lower Upper

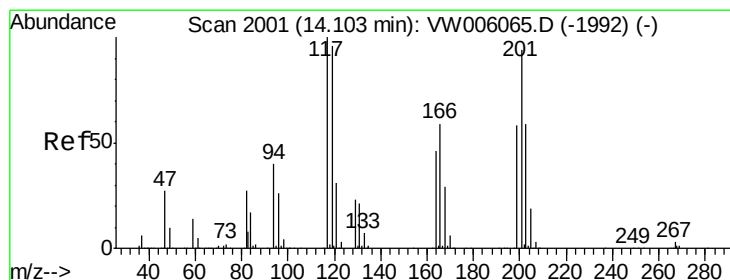
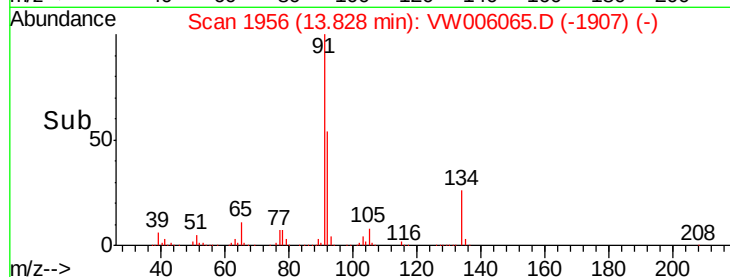
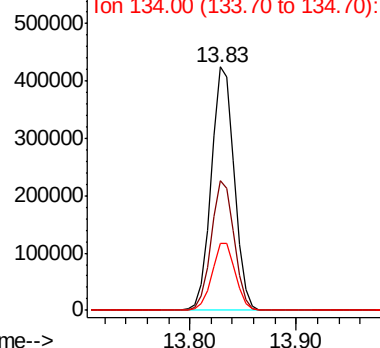
91 100

92 53.1 26.6 79.7

134 27.9 14.0 41.9



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 45.392 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006065.D

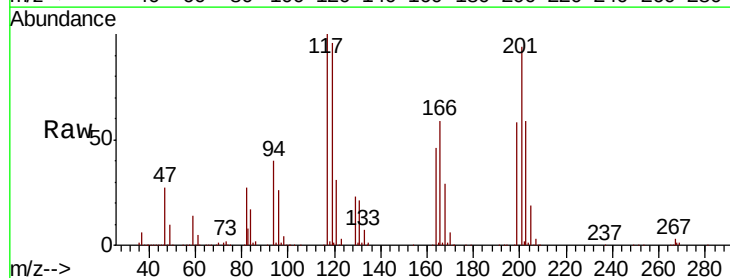
Acq: 15 Oct 2018 18:20

Tgt Ion: 117 Resp: 123967

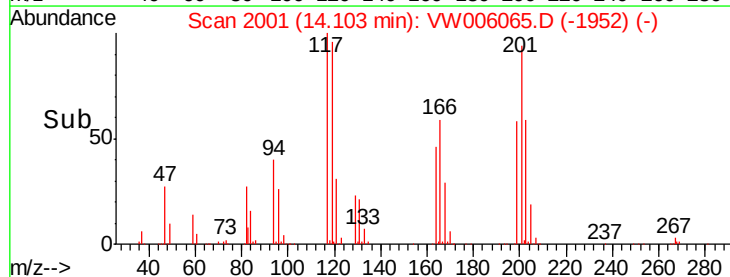
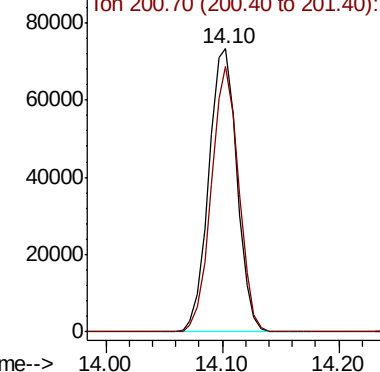
Ion Ratio Lower Upper

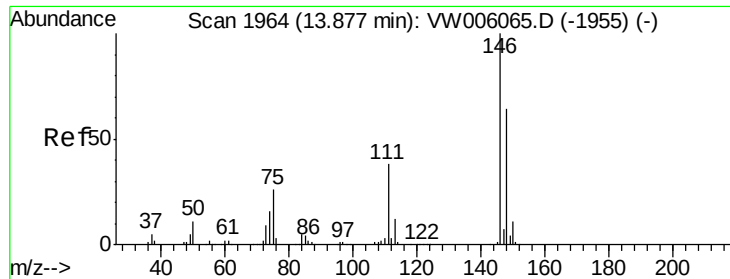
117 100

201 90.6 45.3 135.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

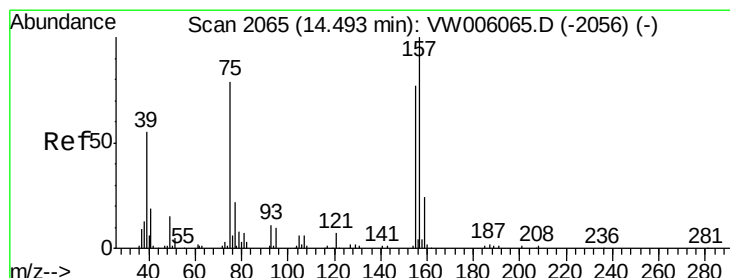
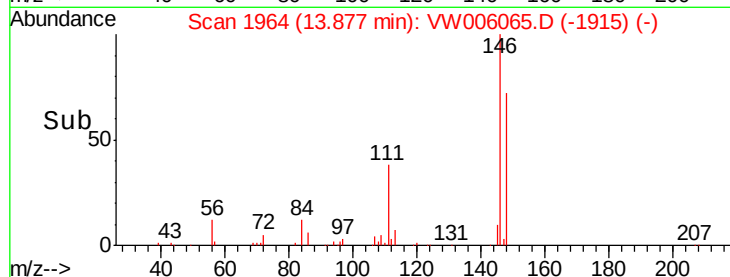
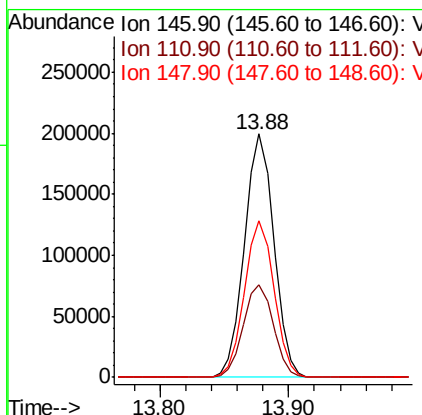
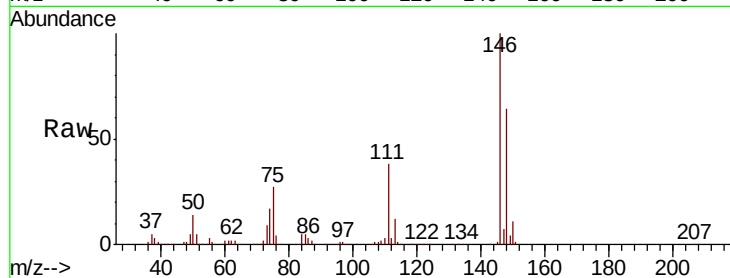




#91
 1,2-Dichlorobenzene
 Concen: 48.433 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

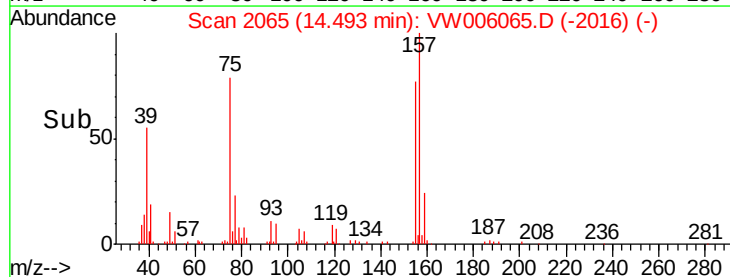
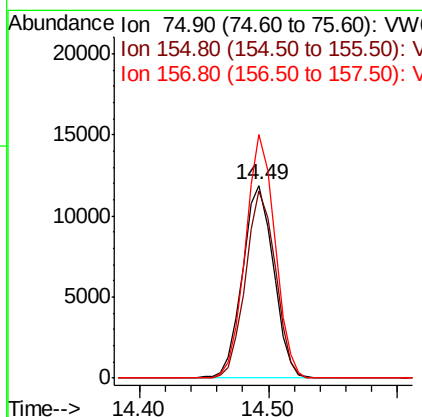
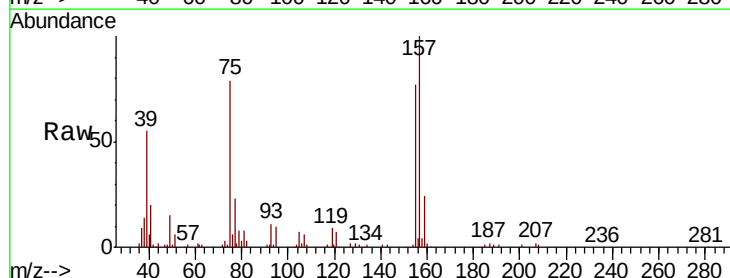
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

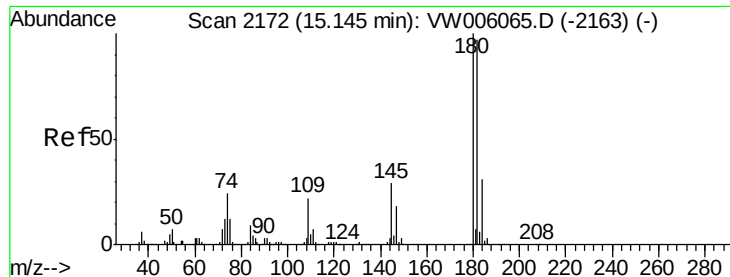
Tgt Ion: 146 Resp: 314672
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.7
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.657 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion: 75 Resp: 19858
 Ion Ratio Lower Upper
 75 100
 155 93.0 46.5 139.5
 157 119.6 59.8 179.4

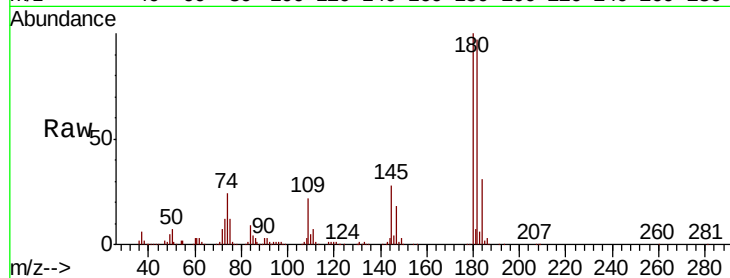




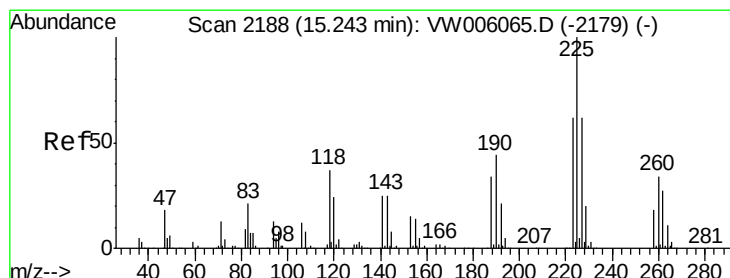
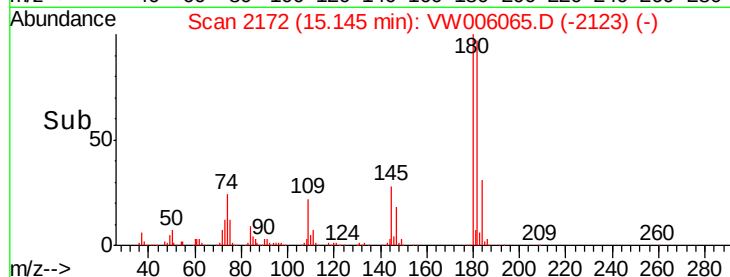
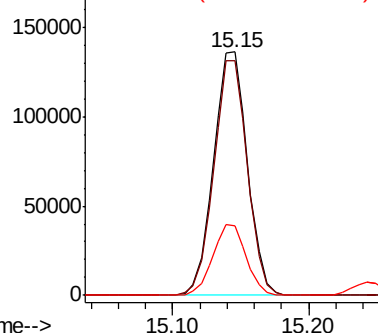
#93
 1,2,4-Trichlorobenzene
 Concen: 47.194 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 236071
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.6
 145 28.5 14.2 42.8

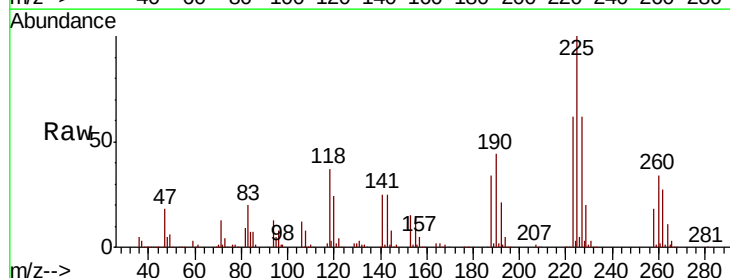


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

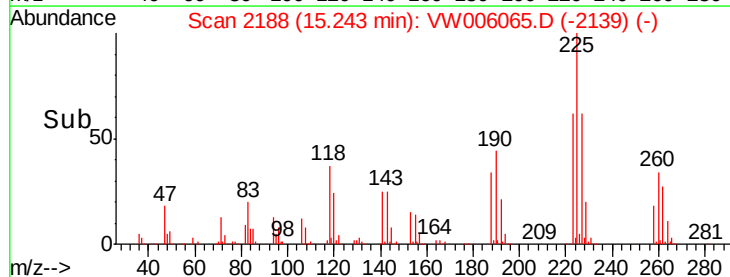
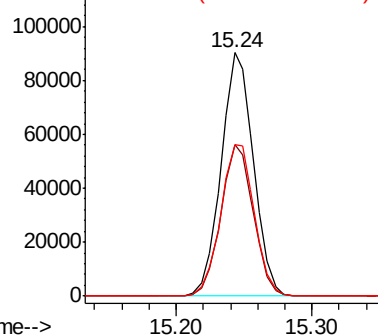


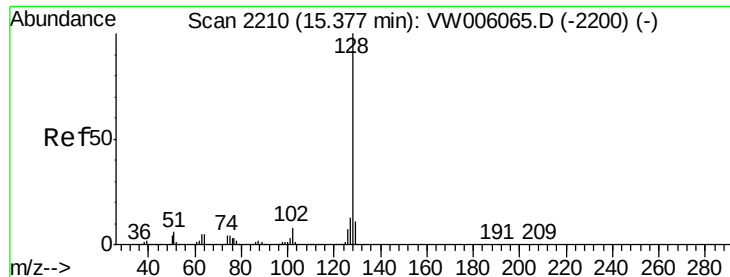
#94
 Hexachlorobutadiene
 Concen: 48.121 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006065.D
 Acq: 15 Oct 2018 18:20

Tgt Ion:225 Resp: 150327
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.7 32.4 97.0



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





#95

Naphthalene

Concen: 46.186 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

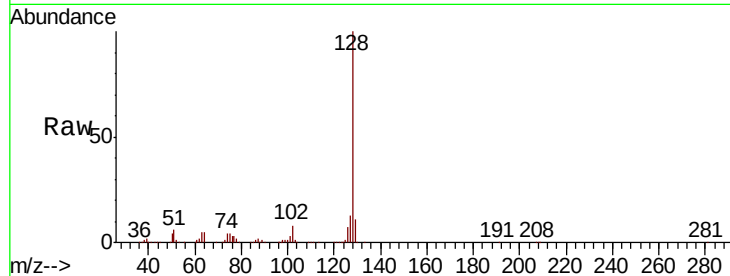
Tgt Ion:128 Resp: 397000

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

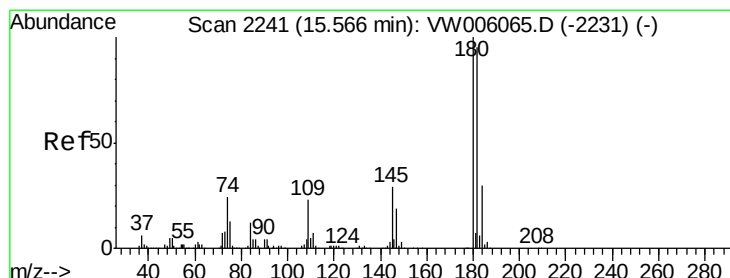
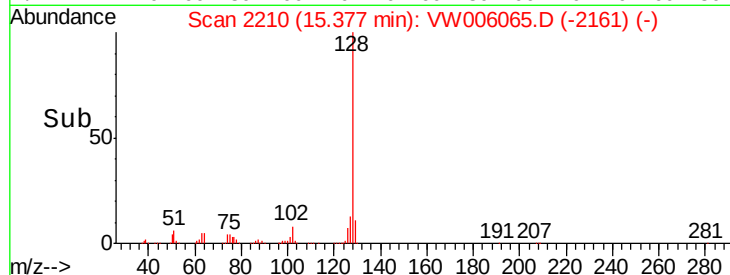
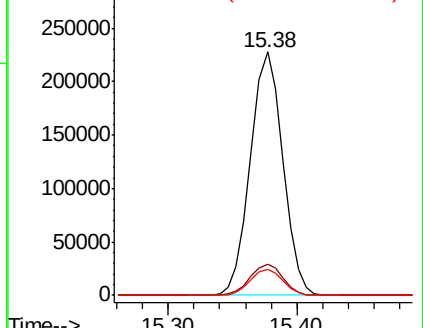
129 10.9 8.7 13.1



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: 47.384 ug/l

RT: 15.57 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VW006065.D

Acq: 15 Oct 2018 18:20

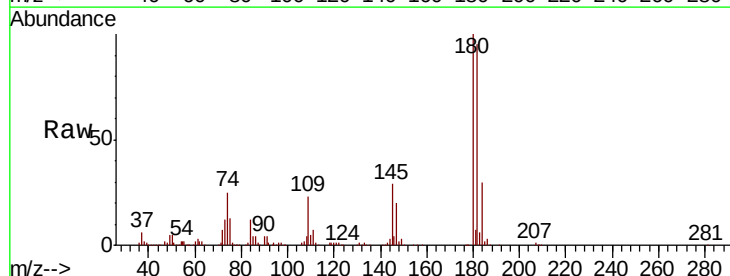
Tgt Ion:180 Resp: 205310

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 30.1 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

