

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102218\
 Data File : VW006244.D
 Acq On : 22 Oct 2018 11:49
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 22 14:02:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	436221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215405	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	117219	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
35) Dibromofluoromethane	7.89	113	128286	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	10.33	98	483018	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.62	95	183196	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	85627	54.937	ug/l	99
3) Chloromethane	2.21	50	89464	44.591	ug/l	99
4) Vinyl Chloride	2.37	62	143427	50.058	ug/l	98
5) Bromomethane	2.79	94	112148	43.034	ug/l	99
6) Chloroethane	2.93	64	93514	45.543	ug/l	98
7) Trichlorofluoromethane	3.26	101	133258	49.925	ug/l	97
8) Diethyl Ether	3.68	74	62532	44.081	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	149966	53.612	ug/l	99
10) Methyl Iodide	4.26	142	247349	53.127	ug/l	100
11) Tert butyl alcohol	5.23	59	37991	216.326	ug/l	100
12) 1,1-Dichloroethene	4.03	96	139089	52.852	ug/l	94
13) Acrolein	3.90	56	38838	228.546	ug/l	99
14) Allyl chloride	4.67	41	190029	50.501	ug/l	98
15) Acrylonitrile	5.38	53	116241	228.460	ug/l	100
16) Acetone	4.15	43	139560	287.076	ug/l	100
17) Carbon Disulfide	4.37	76	404300	50.903	ug/l	100
18) Methyl Acetate	4.68	43	57553	43.796	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	193023	48.156	ug/l	98
20) Methylene Chloride	4.92	84	138787	50.238	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	153984	52.421	ug/l	99
22) Diisopropyl ether	6.31	45	362683	48.774	ug/l	99
23) Vinyl Acetate	6.26	43	1016962	231.740	ug/l	98
24) 1,1-Dichloroethane	6.21	63	246519	51.378	ug/l	100
25) 2-Butanone	7.18	43	161439	228.852	ug/l	97
26) 2,2-Dichloropropane	7.17	77	182036	53.791	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	168185	51.884	ug/l	99
28) Bromochloromethane	7.51	49	88360	47.701	ug/l	91
29) Tetrahydrofuran	7.54	42	93038	214.565	ug/l	97
30) Chloroform	7.68	83	268039	51.274	ug/l	99
31) Cyclohexane	7.96	56	231159	48.377	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	250770	53.179	ug/l	99
36) 1,1-Dichloropropene	8.09	75	217989	54.216	ug/l	99
37) Ethyl Acetate	7.26	43	66899	44.783	ug/l	99
38) Carbon Tetrachloride	8.07	117	244158	55.393	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	289417	54.151	ug/l	99
40) Benzene	8.33	78	581133	52.690	ug/l	100
41) Methacrylonitrile	7.49	41	44487	49.400	ug/l	97
42) 1,2-Dichloroethane	8.40	62	164584	50.792	ug/l	100
43) Isopropyl Acetate	8.43	43	136901	44.821	ug/l	99
44) Trichloroethene	9.09	130	184636	54.566	ug/l	96
45) 1,2-Dichloropropane	9.37	63	134742	51.054	ug/l	99
46) Dibromomethane	9.46	93	74965	49.837	ug/l	97
47) Bromodichloromethane	9.65	83	188924	51.804	ug/l	98
48) Methyl methacrylate	9.44	41	66442	45.891	ug/l	95
49) 1,4-Dioxane	9.48	88	22571	974.695	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	338928	221.468	ug/l	98
52) Toluene	10.39	92	390934	52.870	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	188495	51.877	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	218739	52.453	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	104862	49.816	ug/l	98
56) Ethyl methacrylate	10.65	69	123643	47.913	ug/l	95
57) 1,3-Dichloropropane	10.94	76	173353	49.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	217121	220.191	ug/l	97
59) 2-Hexanone	10.98	43	253223	231.797	ug/l	97
60) Dibromochloromethane	11.13	129	133602	50.955	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105414	50.119	ug/l	100
64) Tetrachloroethene	10.87	164	164623	54.931	ug/l	99
65) Chlorobenzene	11.66	112	448087	54.221	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	161512	54.994	ug/l	99
67) Ethyl Benzene	11.74	91	790267	55.179	ug/l	99
68) m/p-Xylenes	11.84	106	620585	109.629	ug/l	99
69) o-Xylene	12.17	106	295991	54.865	ug/l	98
70) Styrene	12.19	104	473644	53.990	ug/l	100
71) Bromoform	12.35	173	83727	51.112	ug/l	100
73) Isopropylbenzene	12.47	105	841099	55.271	ug/l	99
74) N-amyl acetate	12.28	43	137579	46.547	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	115937	50.091	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	154255	93.757	ug/l #	100
77) Bromobenzene	12.75	156	201533	54.069	ug/l	98
78) n-propylbenzene	12.81	91	973593	54.991	ug/l	100
79) 2-Chlorotoluene	12.90	91	544780	54.766	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	703237	54.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	35404	51.438	ug/l	98
82) 4-Chlorotoluene	12.99	91	561507	53.886	ug/l	99
83) tert-Butylbenzene	13.21	119	635563	55.372	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	712113	54.855	ug/l	100
85) sec-Butylbenzene	13.39	105	899694	55.484	ug/l	100
86) p-Isopropyltoluene	13.51	119	820663	55.954	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	404139	54.481	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	396608	53.698	ug/l	99
89) n-Butylbenzene	13.83	91	745464	55.576	ug/l	99
90) Hexachloroethane	14.10	117	138224	55.638	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	351352	53.100	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19511	47.083	ug/l	95

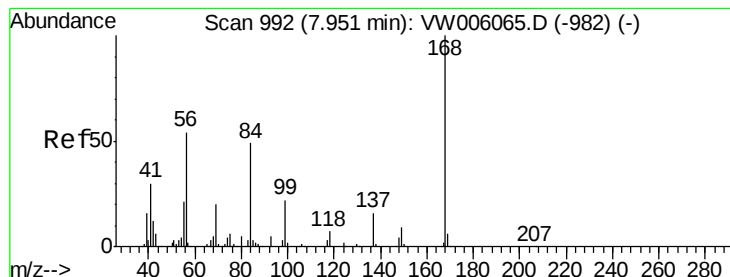
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	274245	53.866	ug/l	100
94) Hexachlorobutadiene	15.24	225	182818	57.161	ug/l	100
95) Naphthalene	15.38	128	427930	50.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	233474	53.018	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

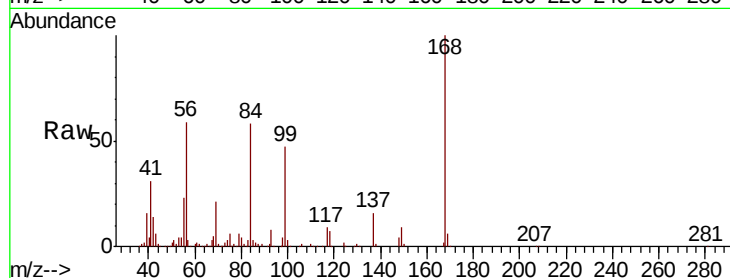
VSTDCCC050

Tot Ion:168 Resp: 314969

Ion Ratio Lower Upper

168 100

99 47.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

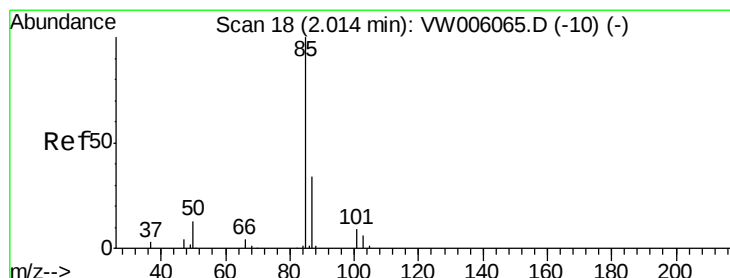
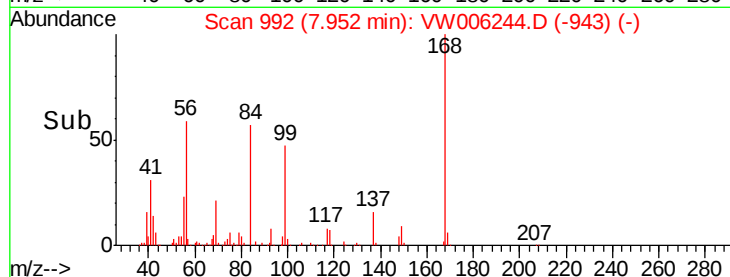
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 54.937 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW006244.D

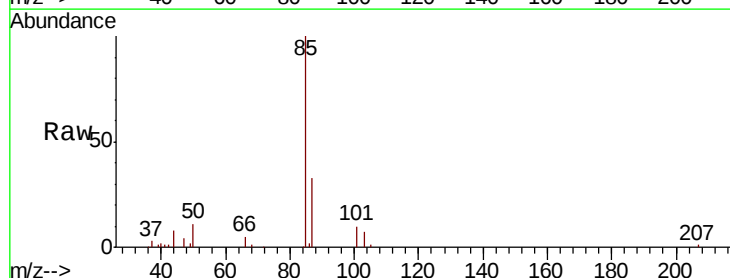
Acq: 22 Oct 2018 11:49

Tgt Ion: 85 Resp: 85627

Ion Ratio Lower Upper

85 100

87 32.9 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

15000

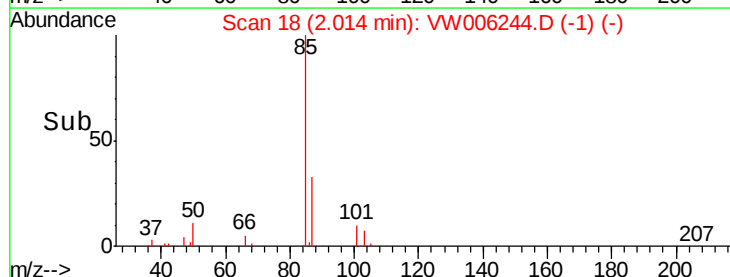
10000

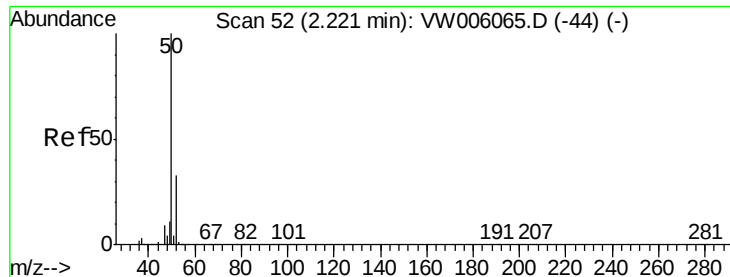
5000

0

1.80 2.00 2.20 2.40

Time-->





#3

Chloromethane

Concen: 44.591 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

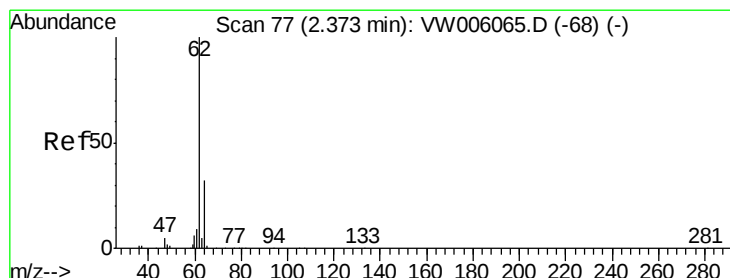
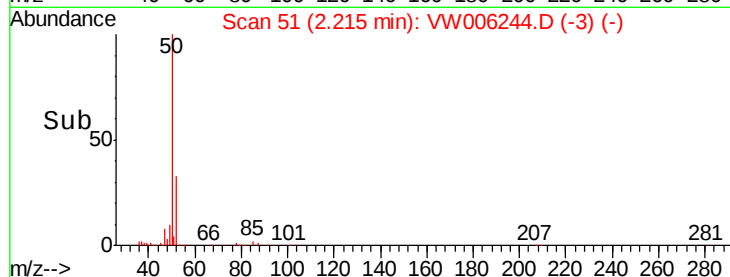
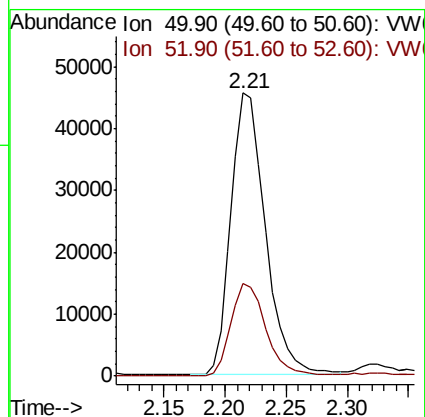
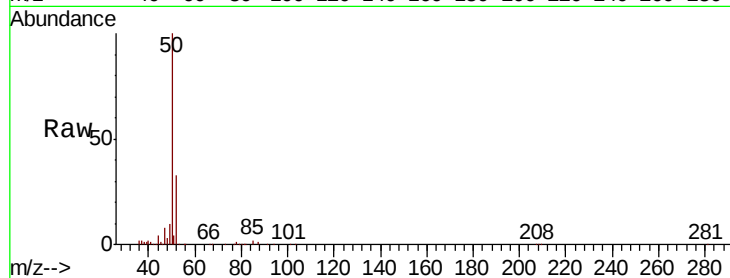
VSTDCCC050

Tot Ion: 50 Resp: 89464

Ion Ratio Lower Upper

50 100

52 32.8 26.8 40.2



#4

Vinyl Chloride

Concen: 50.058 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006244.D

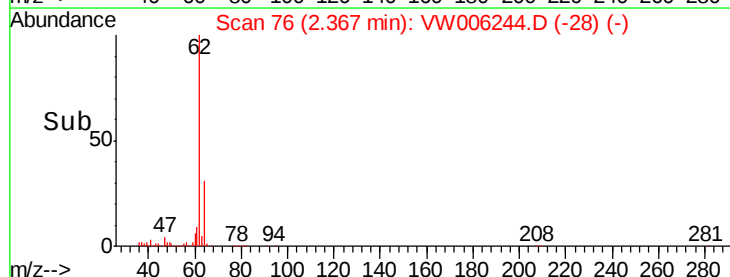
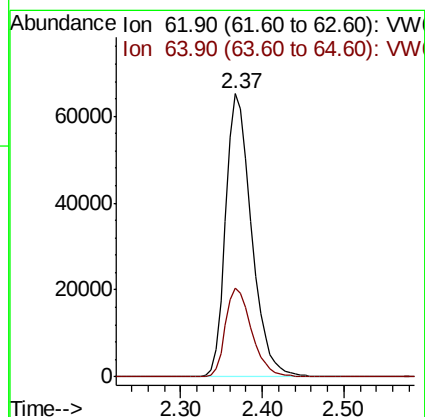
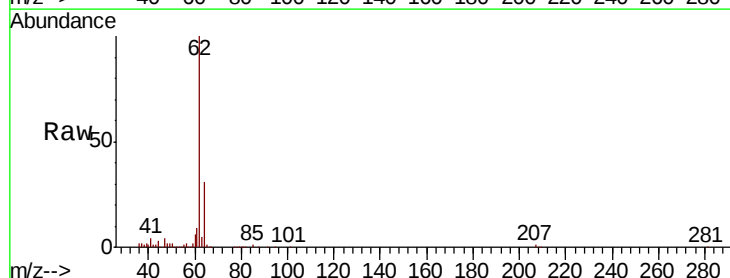
Acq: 22 Oct 2018 11:49

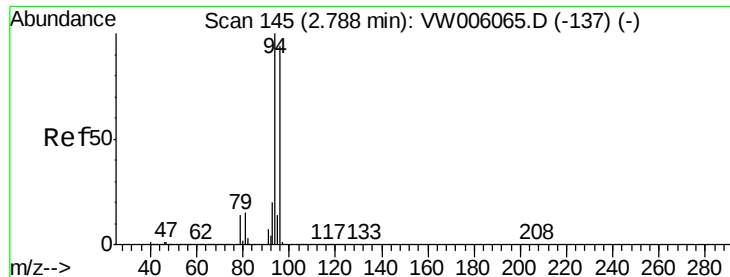
Tgt Ion: 62 Resp: 143427

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 43.034 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

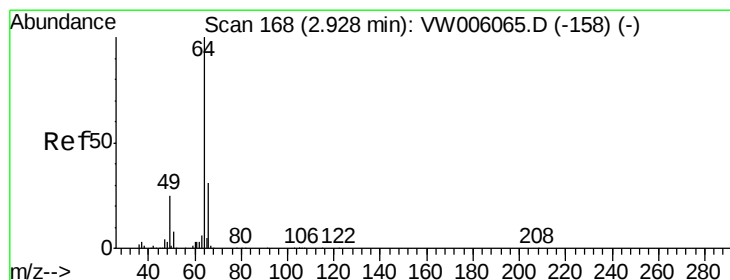
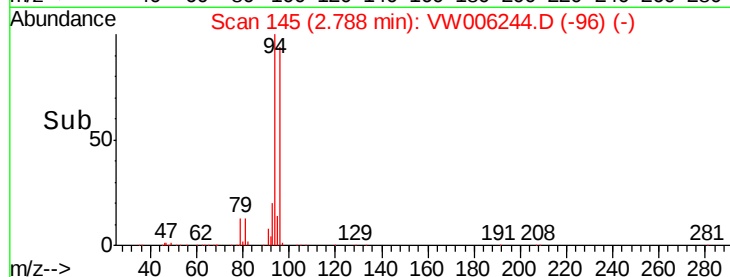
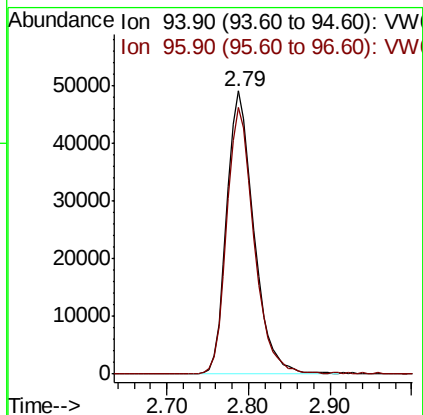
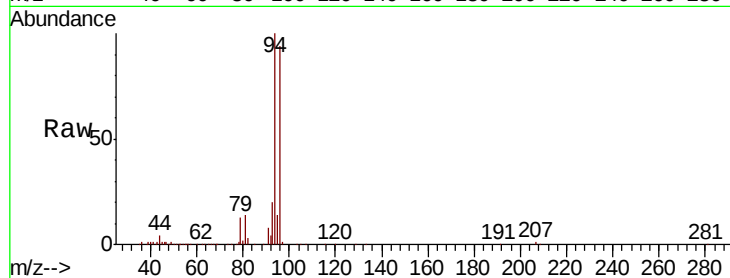
VSTDCCC050

Tot Ion: 94 Resp: 112148

Ion Ratio Lower Upper

94 100

96 94.3 74.9 112.3



#6

Chloroethane

Concen: 45.543 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW006244.D

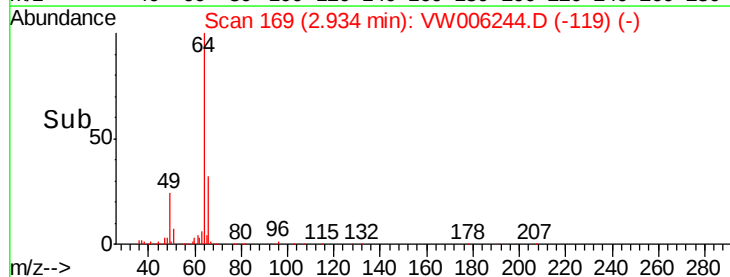
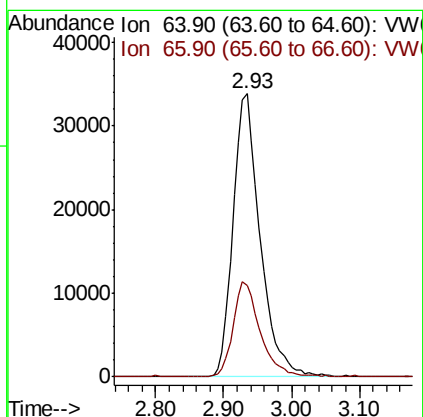
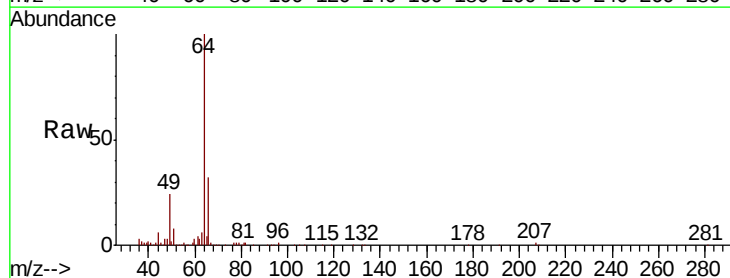
Acq: 22 Oct 2018 11:49

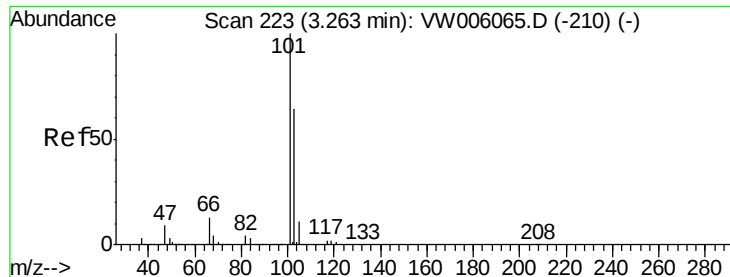
Tgt Ion: 64 Resp: 93514

Ion Ratio Lower Upper

64 100

66 32.0 24.9 37.3



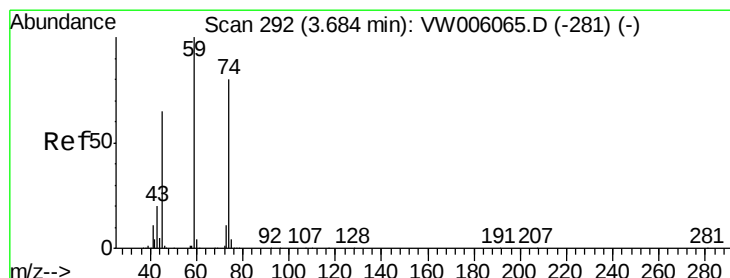
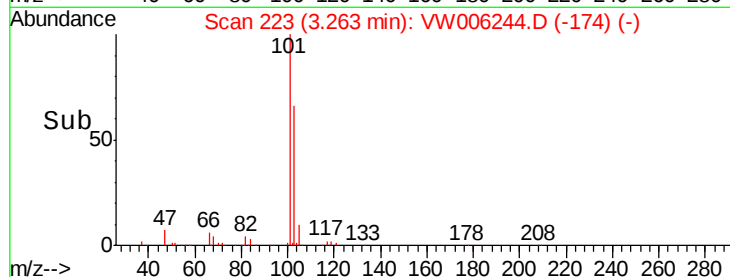
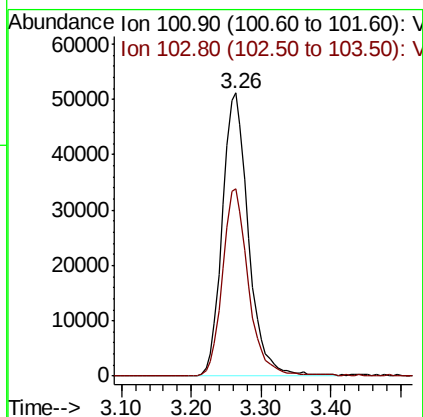
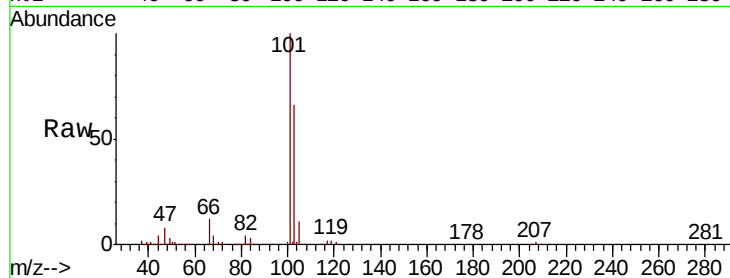


#7

Trichlorofluoromethane
 Concen: 49.925 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Instrument :
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 ClientSampleId :
 VSTDCCC050

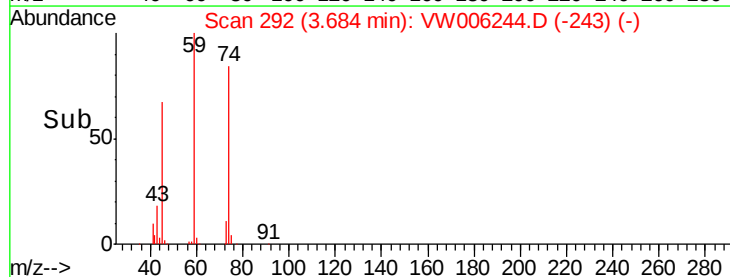
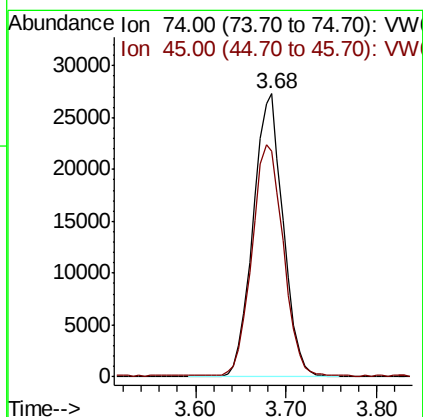
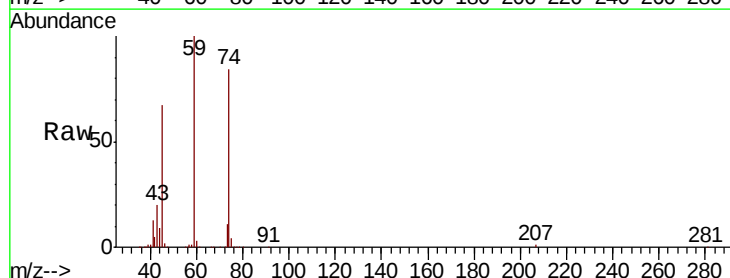
Tot Ion:101 Resp: 133258
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.2 76.8

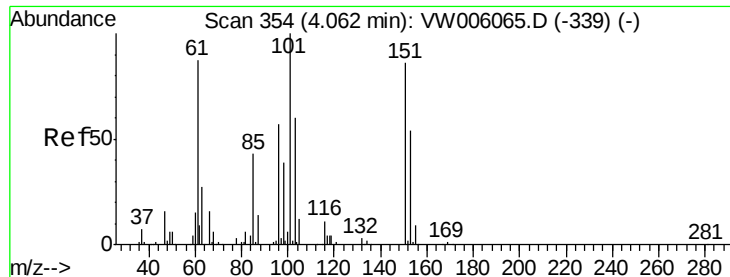


#8

Diethyl Ether
 Concen: 44.081 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion: 74 Resp: 62532
 Ion Ratio Lower Upper
 74 100
 45 85.6 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.612 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

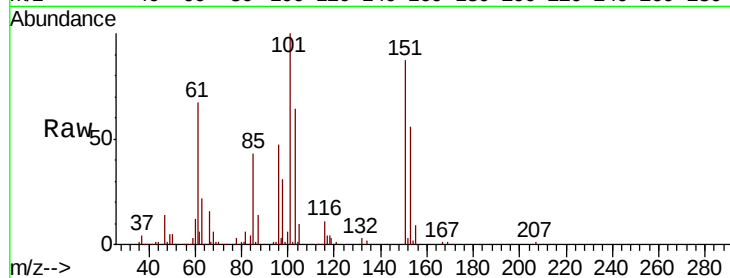
Tot Ion:101 Resp: 149966

Ion Ratio Lower Upper

101 100

85 43.3 34.9 52.3

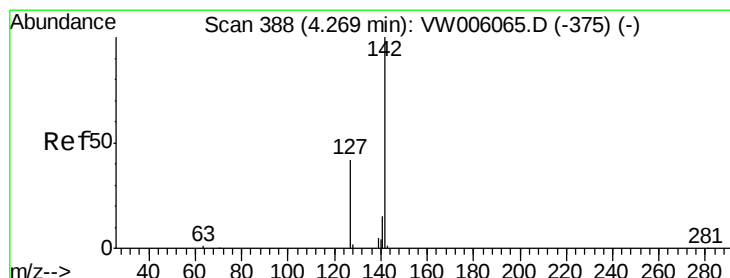
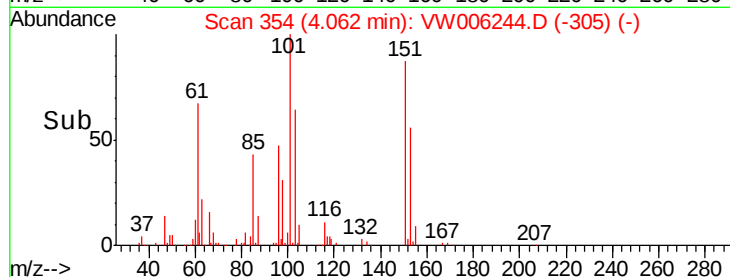
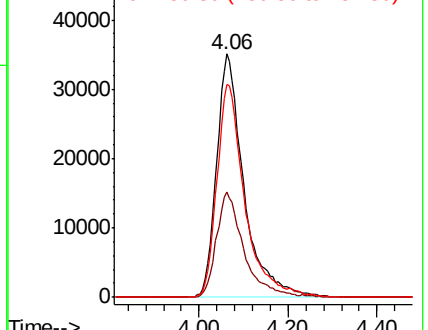
151 89.1 70.4 105.6



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: 53.127 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

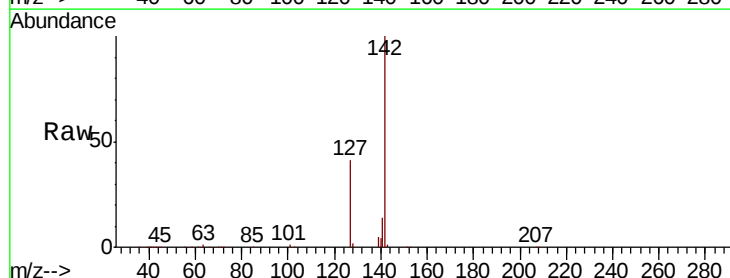
Tgt Ion:142 Resp: 247349

Ion Ratio Lower Upper

142 100

127 41.7 33.6 50.4

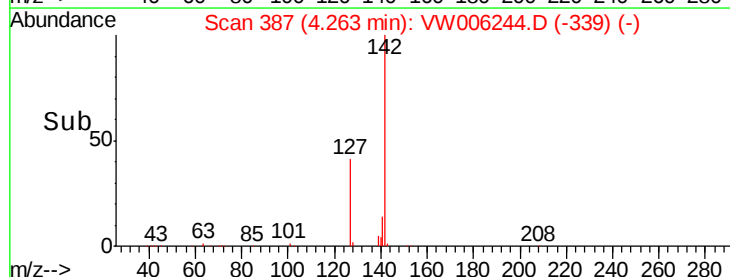
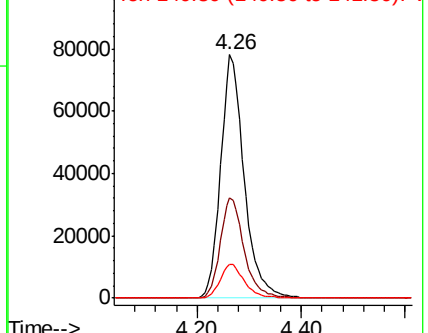
141 14.3 11.6 17.4

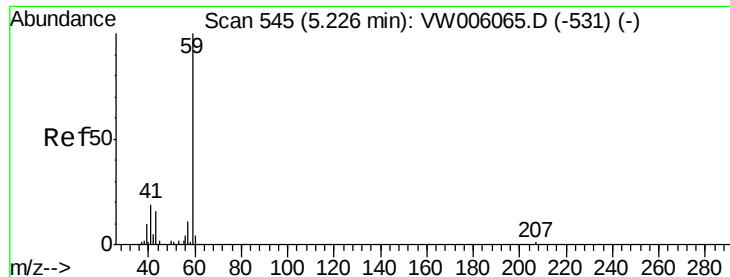


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

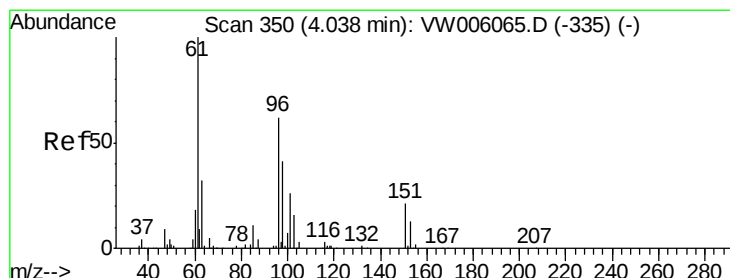
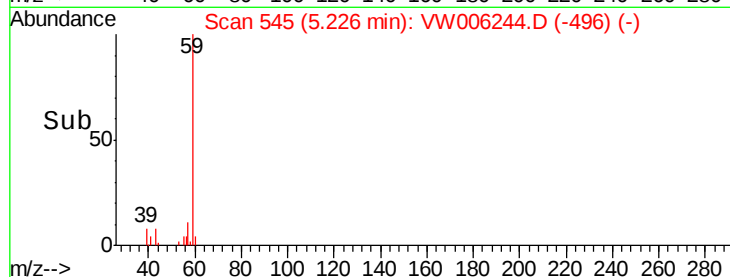
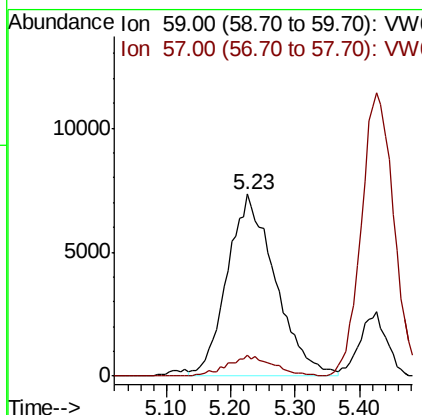
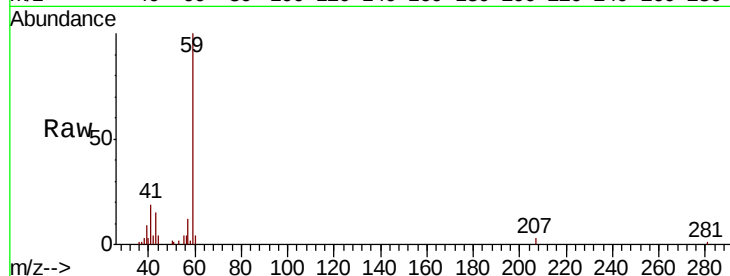




#11
Tert butyl alcohol
Concen: 216.326 ug/l
RT: 5.23 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

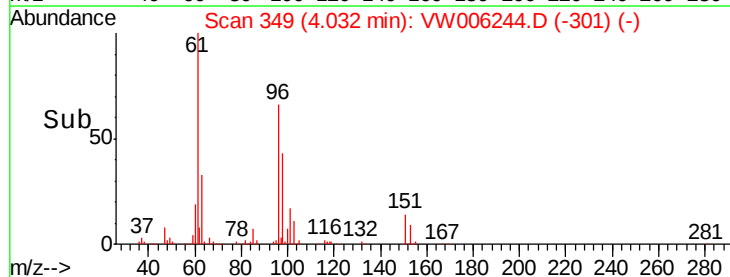
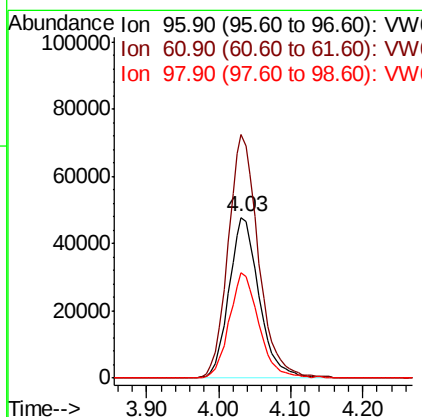
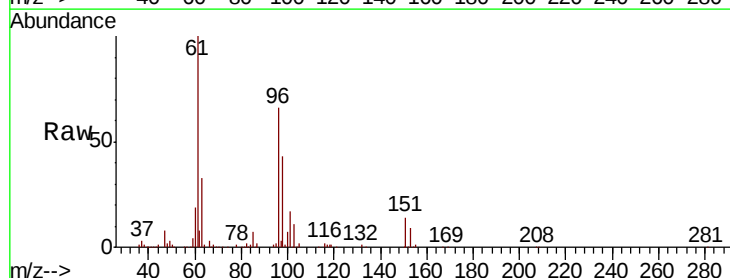
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

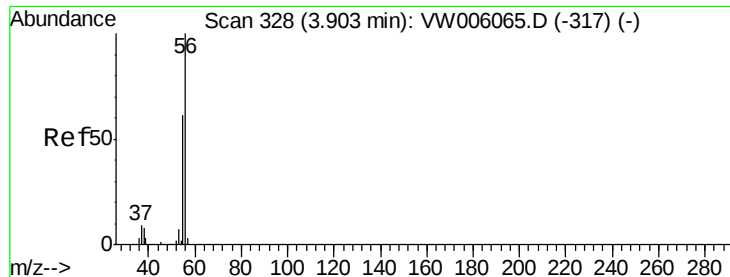
Tot Ion: 59 Resp: 37991
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1



#12
1,1-Dichloroethene
Concen: 52.852 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 96 Resp: 139089
Ion Ratio Lower Upper
96 100
61 151.4 129.3 193.9
98 65.1 53.1 79.7





#13

Acrolein

Concen: 228.546 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

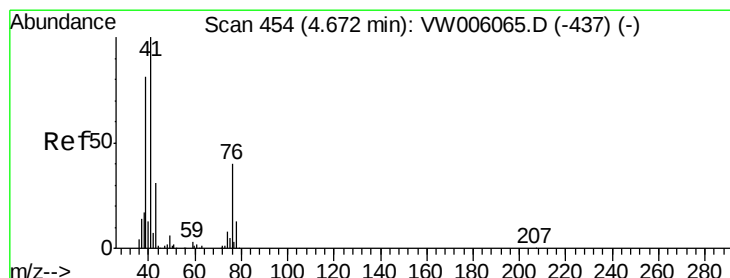
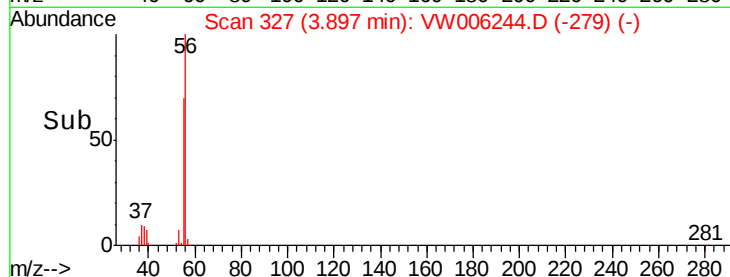
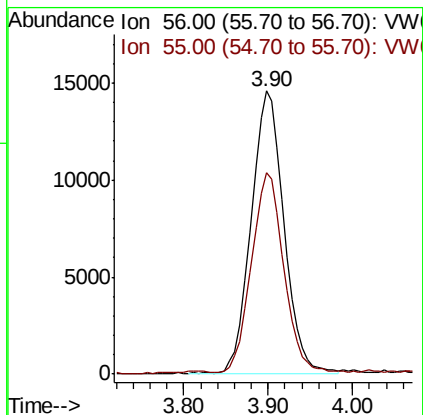
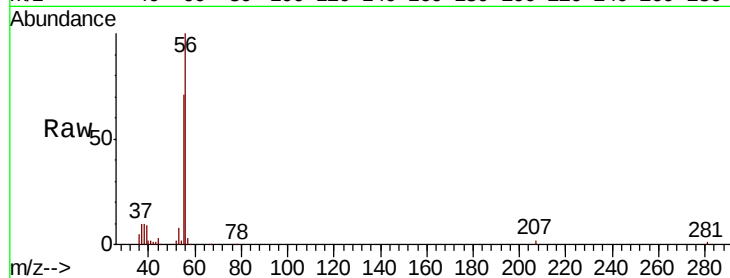
VSTDCCC050

Tot Ion: 56 Resp: 38838

Ion Ratio Lower Upper

56 100

55 68.9 54.5 81.7



#14

Allyl chloride

Concen: 50.501 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

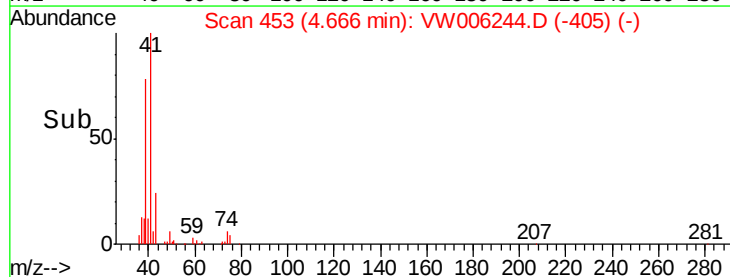
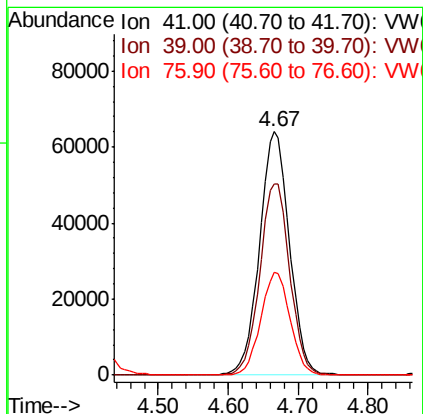
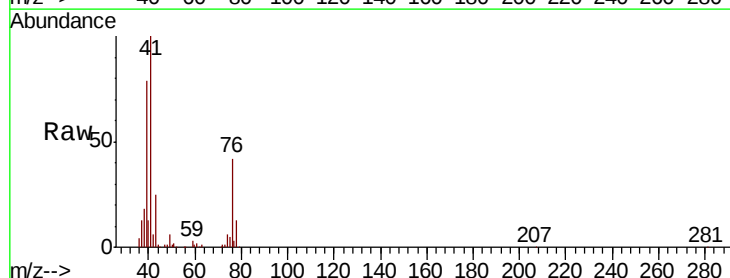
Tgt Ion: 41 Resp: 190029

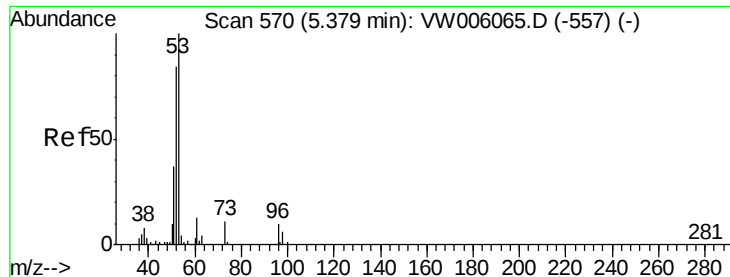
Ion Ratio Lower Upper

41 100

39 78.6 64.1 96.1

76 41.4 32.2 48.4





#15

Acrylonitrile

Concen: 228.460 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

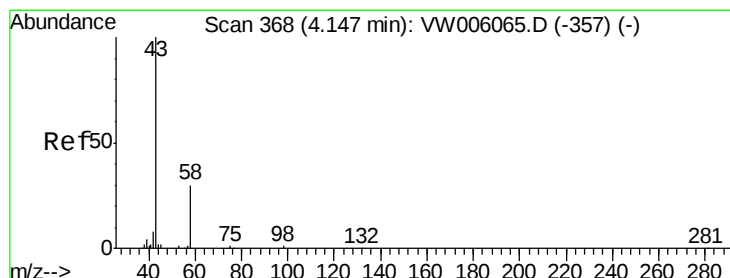
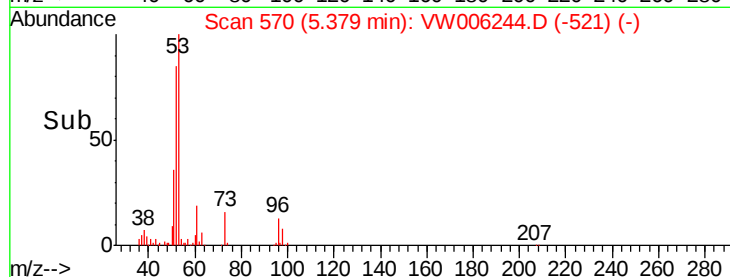
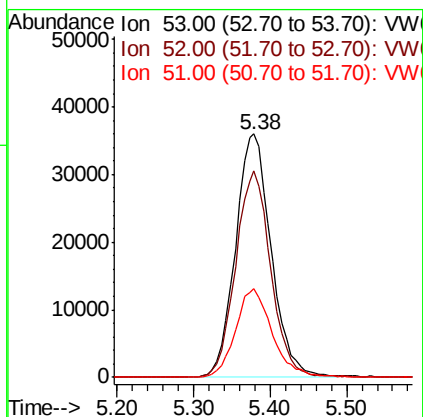
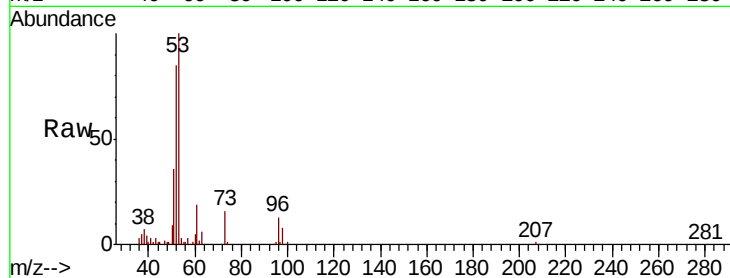
Tot Ion: 53 Resp: 116241

Ion Ratio Lower Upper

53 100

52 83.8 66.9 100.3

51 37.4 30.1 45.1



#16

Acetone

Concen: 287.076 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006244.D

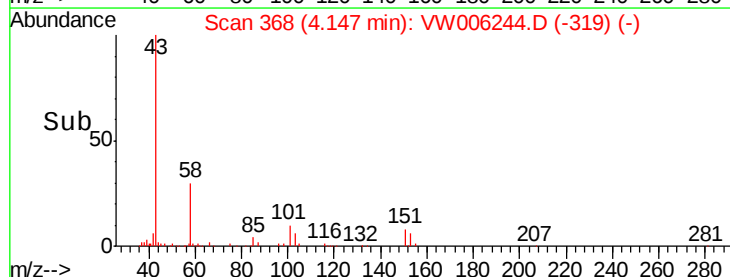
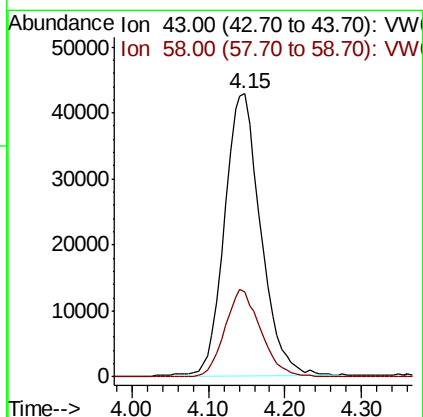
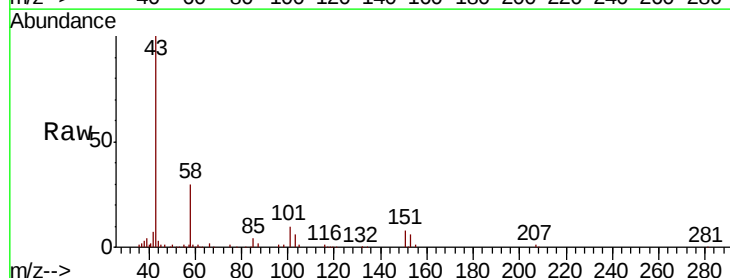
Acq: 22 Oct 2018 11:49

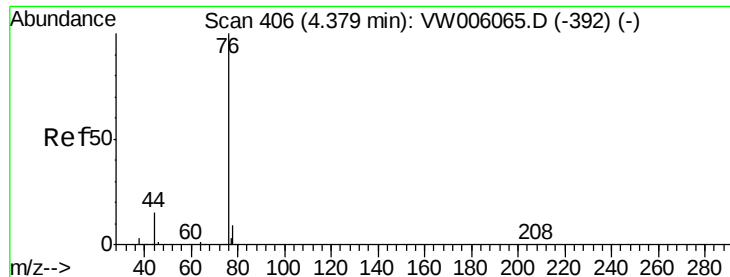
Tgt Ion: 43 Resp: 139560

Ion Ratio Lower Upper

43 100

58 29.9 24.0 36.0

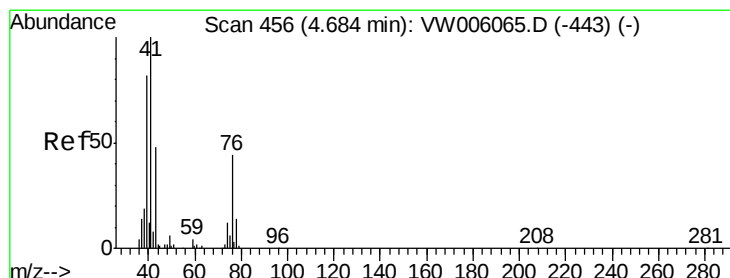
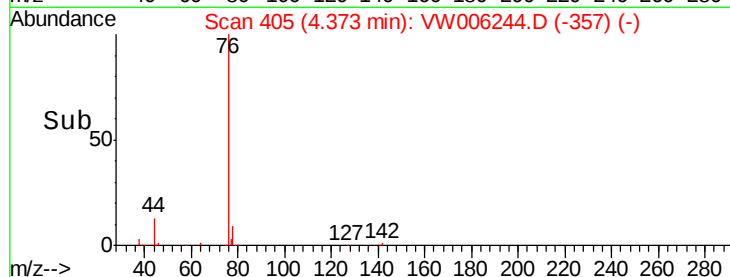
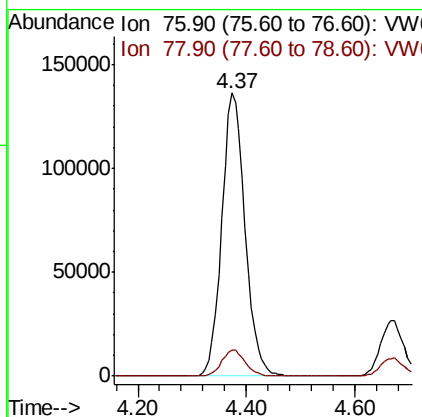
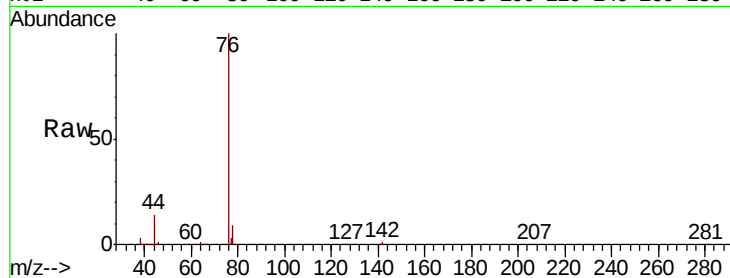




#17
Carbon Disulfide
Concen: 50.903 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

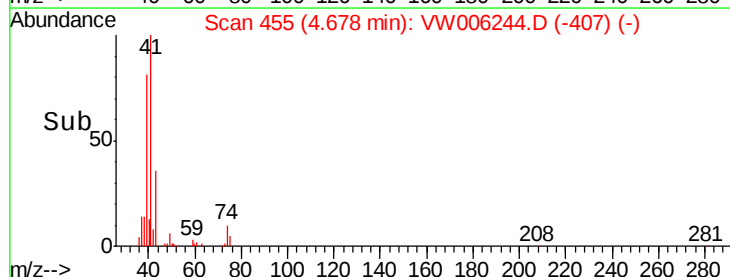
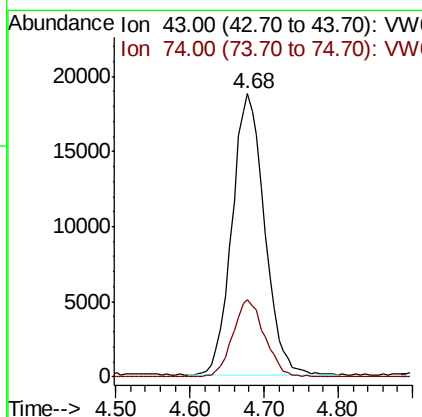
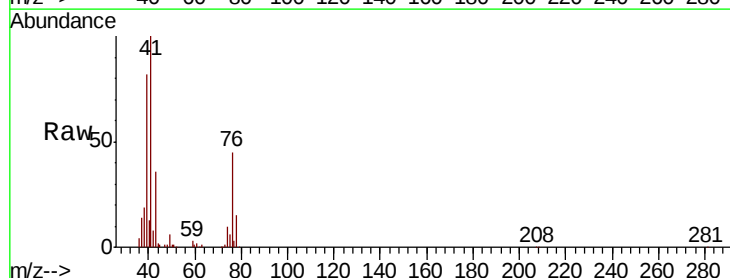
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

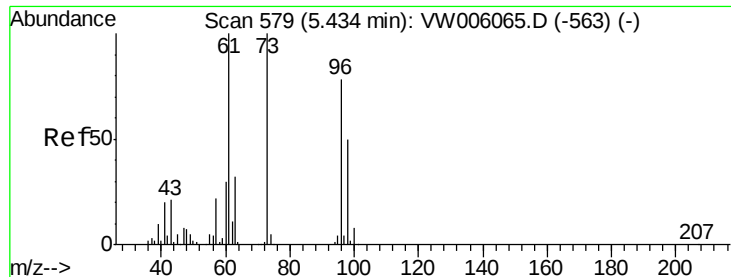
Tot Ion: 76 Resp: 404300
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 43.796 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 43 Resp: 57553
Ion Ratio Lower Upper
43 100
74 26.8 20.5 30.7

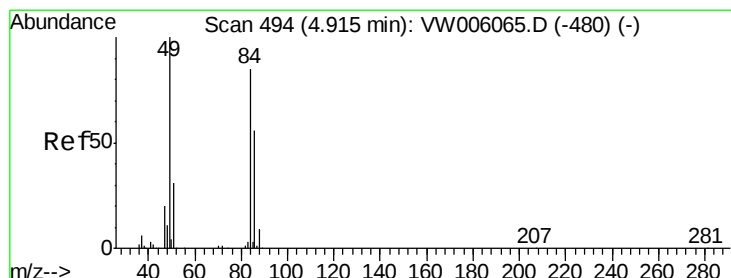
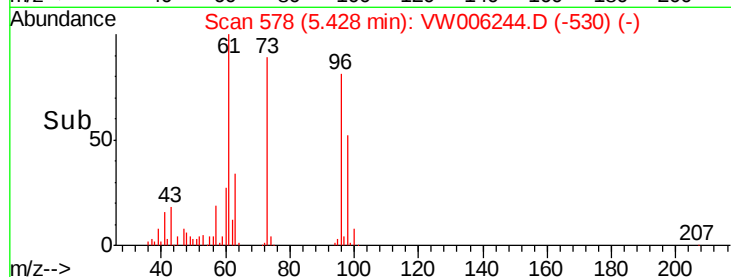
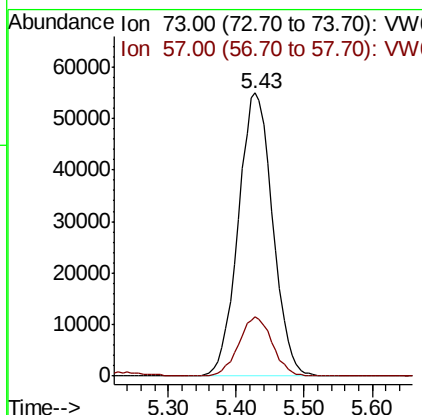
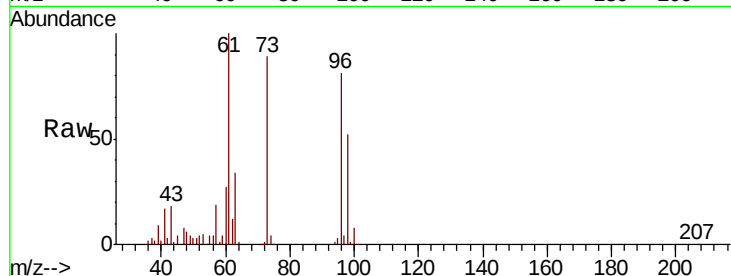




#19
Methvl tert-butvl Ether
Concen: 48.156 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

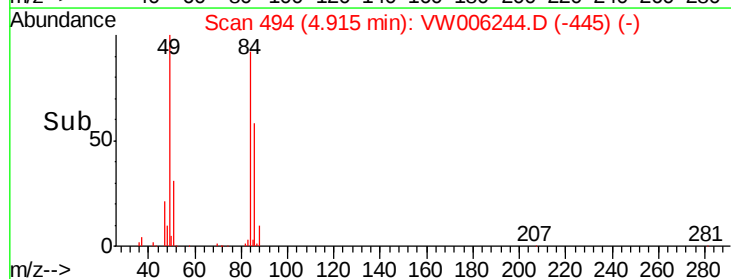
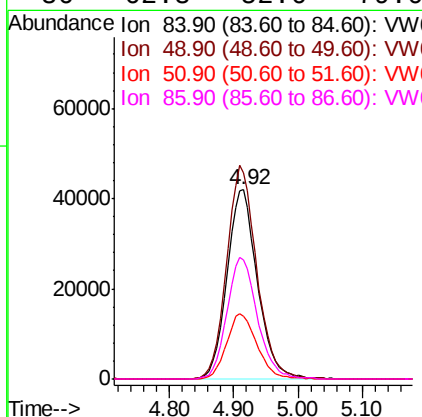
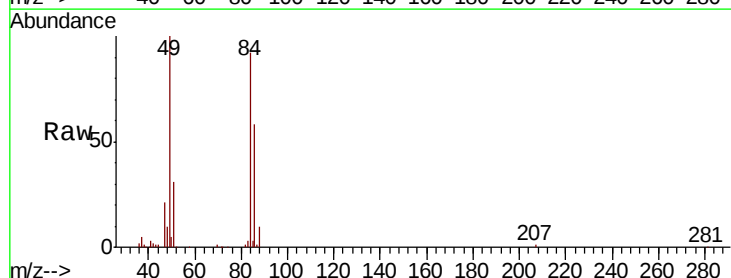
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

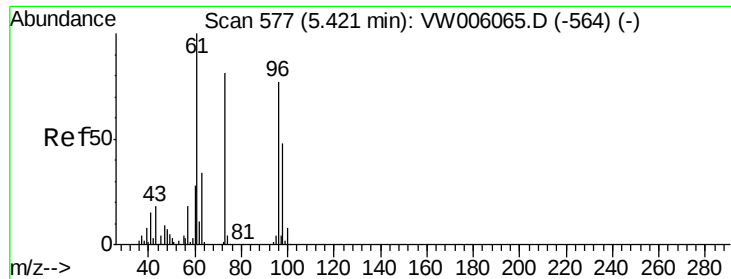
Tot Ion: 73 Resp: 193023
Ion Ratio Lower Upper
73 100
57 20.8 17.4 26.2



#20
Methylene Chloride
Concen: 50.238 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 84 Resp: 138787
Ion Ratio Lower Upper
84 100
49 108.8 93.6 140.4
51 33.5 29.0 43.4
86 62.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 52.421 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

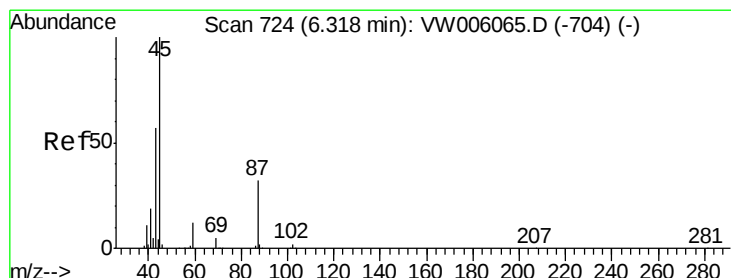
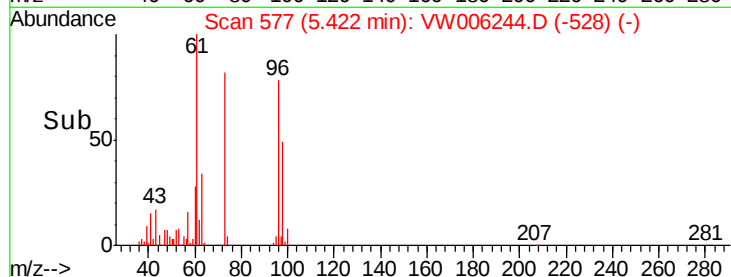
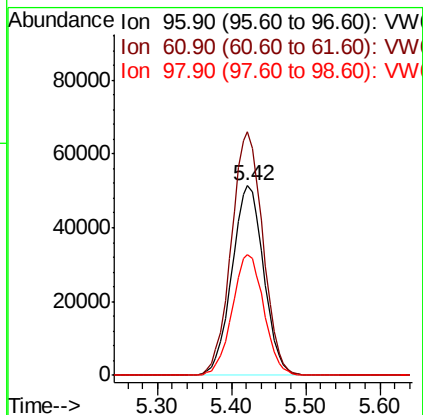
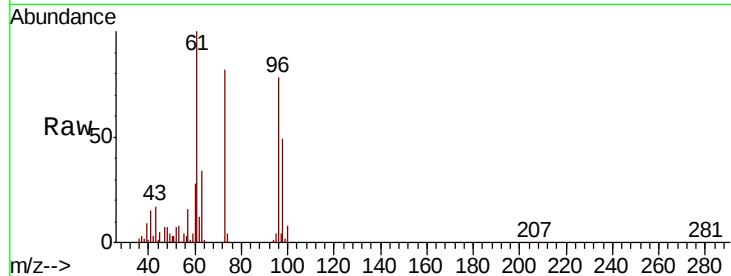
Tot Ion: 96 Resp: 153984

Ion Ratio Lower Upper

96 100

61 128.4 104.5 156.7

98 63.4 50.6 75.8



#22

Diisopropyl ether

Concen: 48.774 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Tgt Ion: 45 Resp: 362683

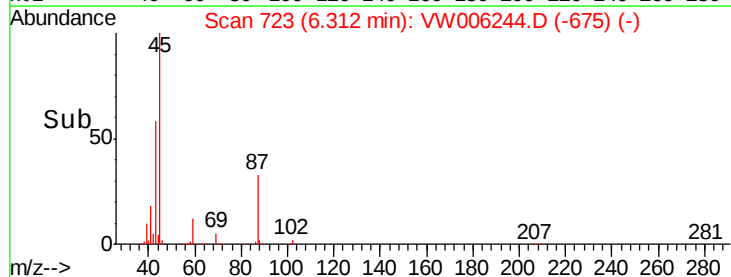
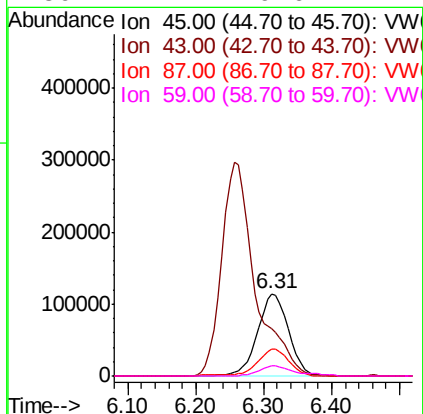
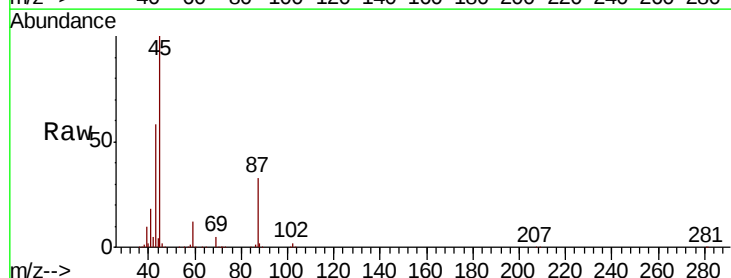
Ion Ratio Lower Upper

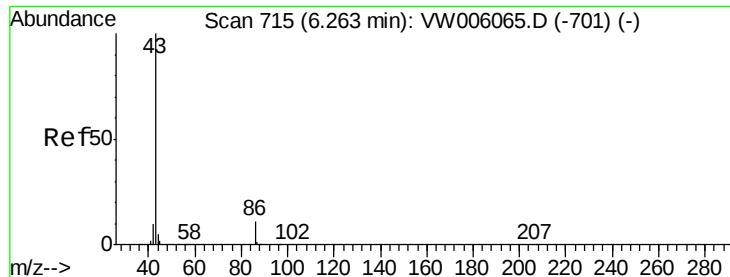
45 100

43 57.7 45.7 68.5

87 32.9 25.9 38.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 231.740 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

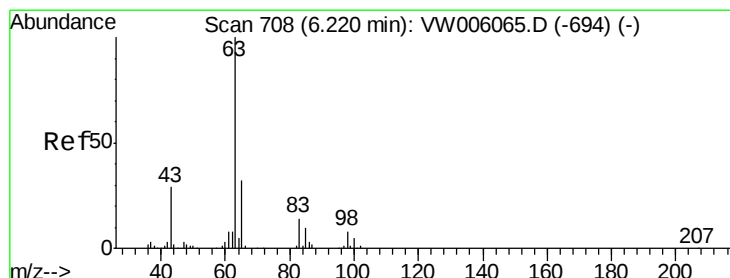
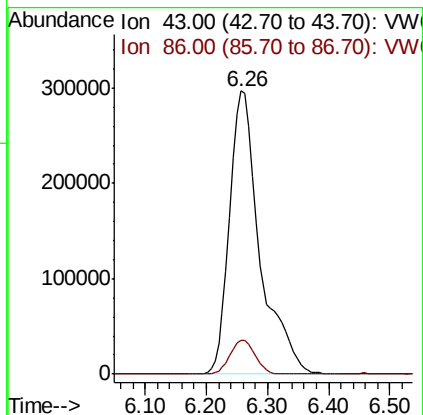
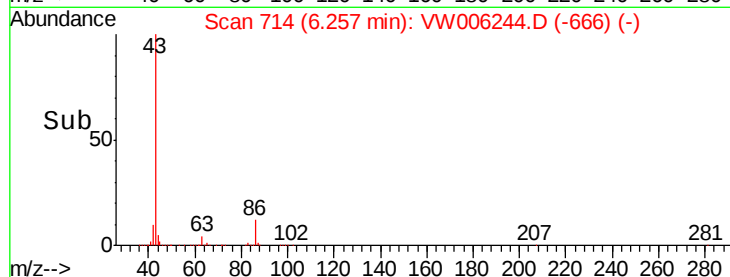
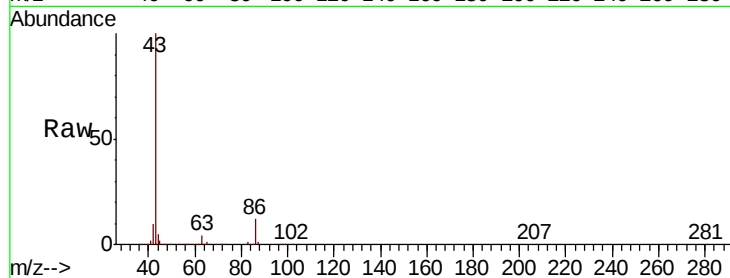
VSTDCCC050

Tot Ion: 43 Resp: 1016962

Ion Ratio Lower Upper

43 100

86 12.1 9.0 13.6



#24

1,1-Dichloroethane

Concen: 51.378 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

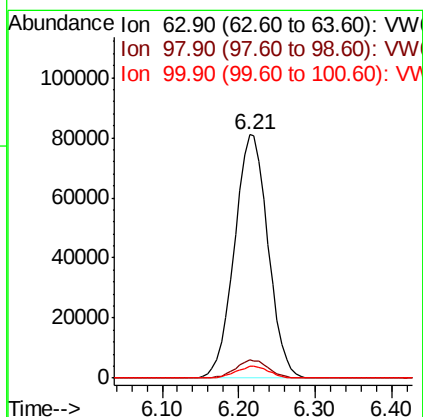
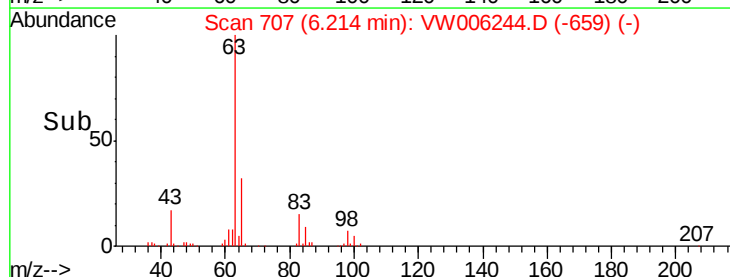
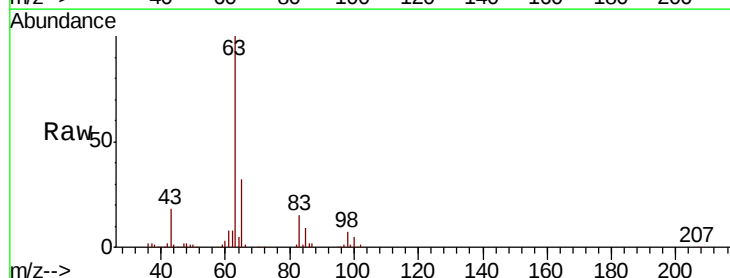
Tgt Ion: 63 Resp: 246519

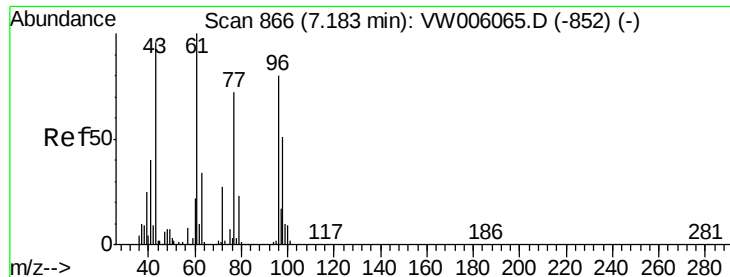
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 228.852 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

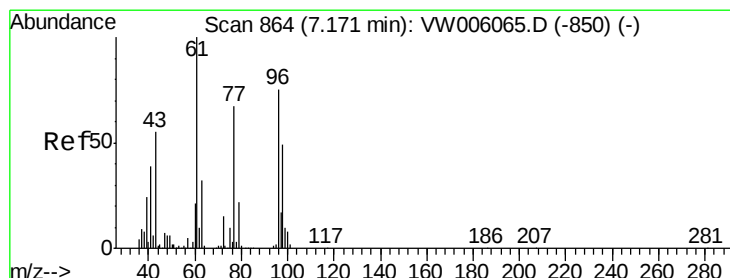
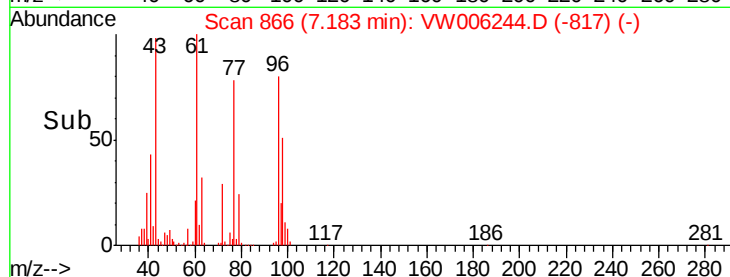
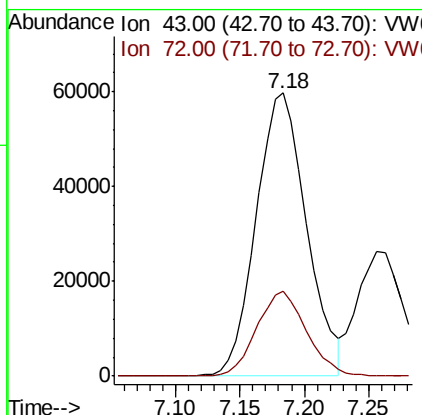
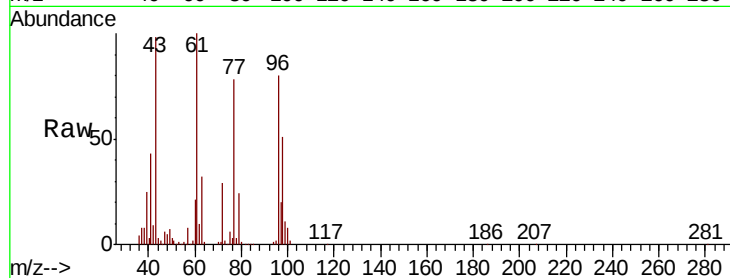
VSTDCCC050

Tot Ion: 43 Resp: 161439

Ion Ratio Lower Upper

43 100

72 29.9 22.8 34.2



#26

2,2-Dichloropropane

Concen: 53.791 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006244.D

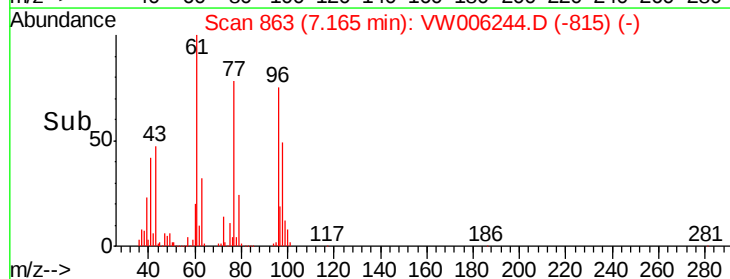
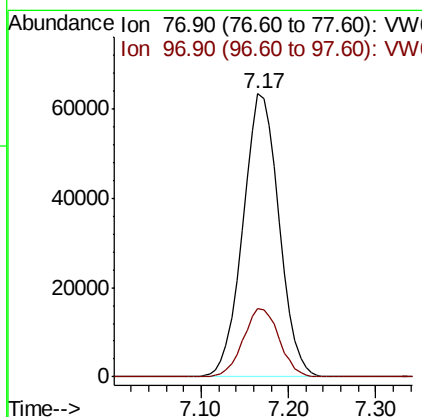
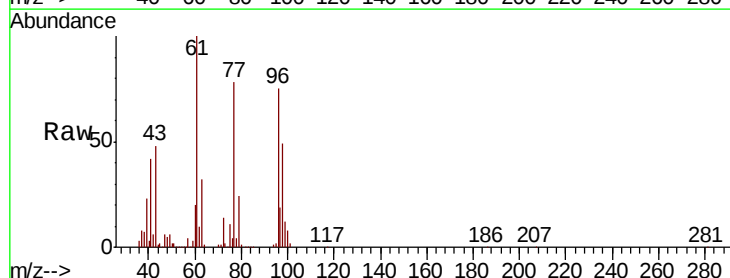
Acq: 22 Oct 2018 11:49

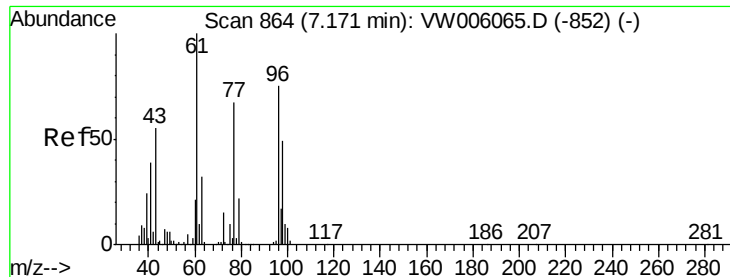
Tgt Ion: 77 Resp: 182036

Ion Ratio Lower Upper

77 100

97 24.1 12.2 36.4



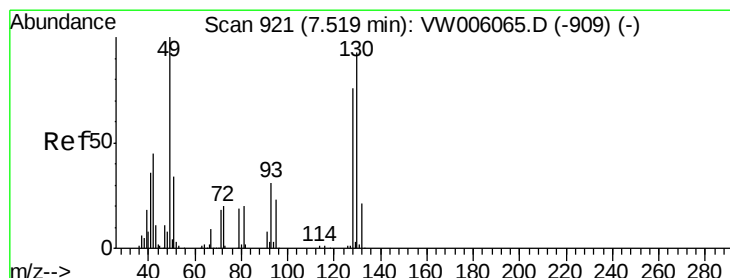
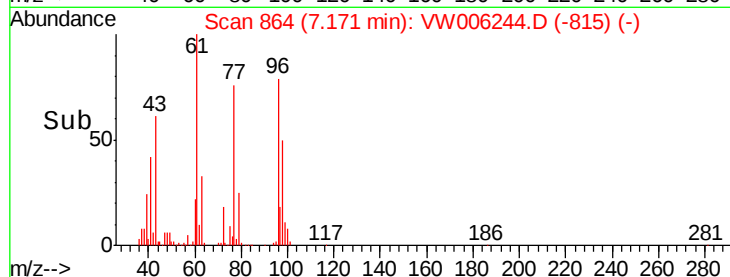
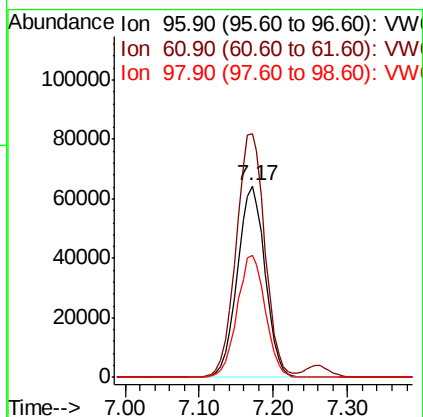
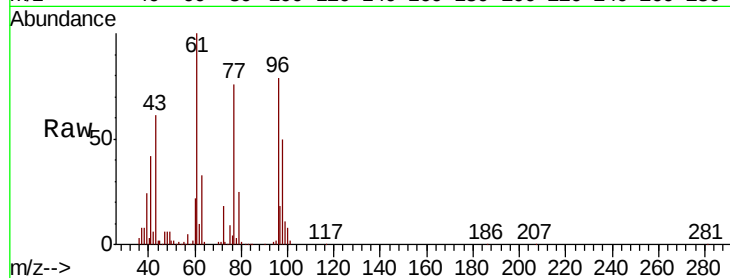


#27

cis-1,2-Dichloroethene
 Concen: 51.884 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

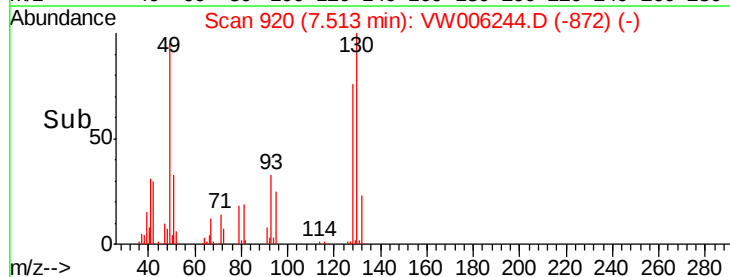
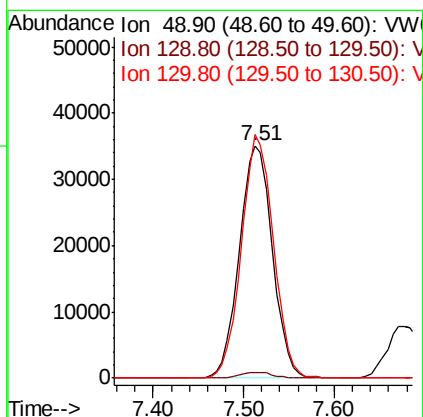
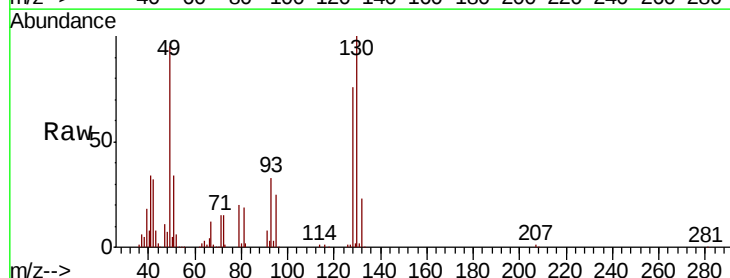
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.4	0.0	267.2
98	64.8	0.0	128.6

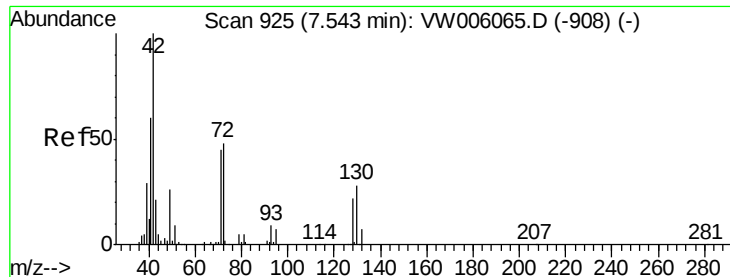


#28

Bromochloromethane
 Concen: 47.701 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	101.3	73.8	110.8





#29

Tetrahydrofuran

Concen: 214.565 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

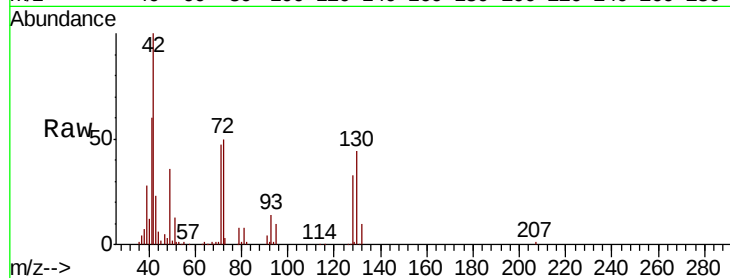
Tot Ion: 42 Resp: 93038

Ion Ratio Lower Upper

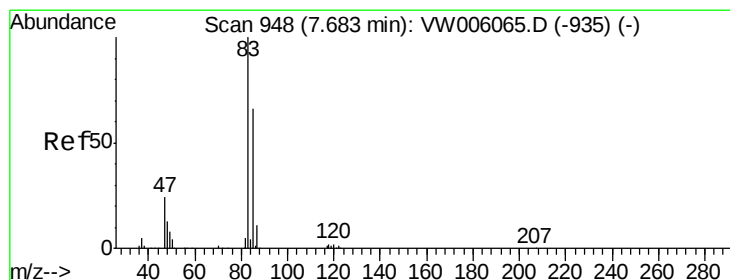
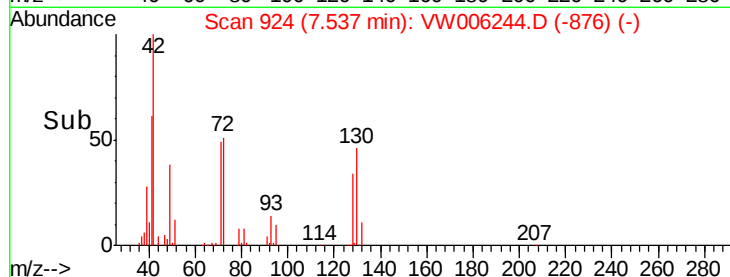
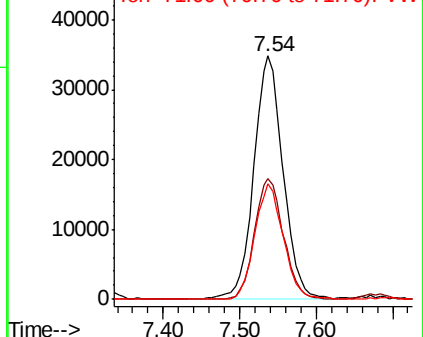
42 100

72 49.1 38.0 57.0

71 46.2 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: 51.274 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.01 min

Lab File: VW006244.D

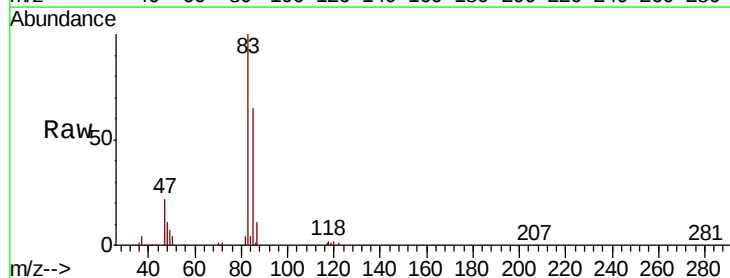
Acq: 22 Oct 2018 11:49

Tgt Ion: 83 Resp: 268039

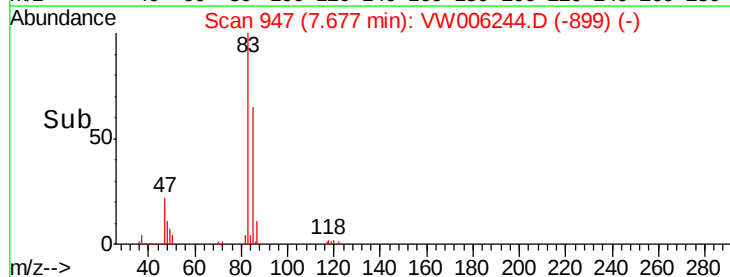
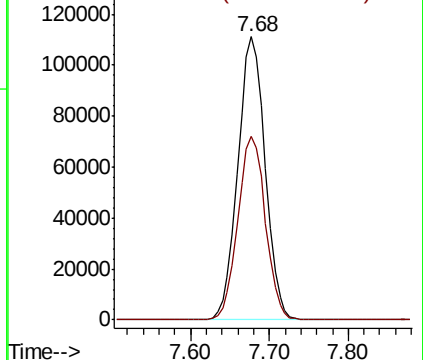
Ion Ratio Lower Upper

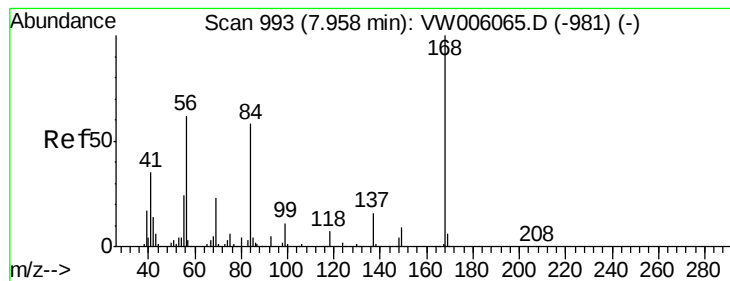
83 100

85 64.8 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: 48.377 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

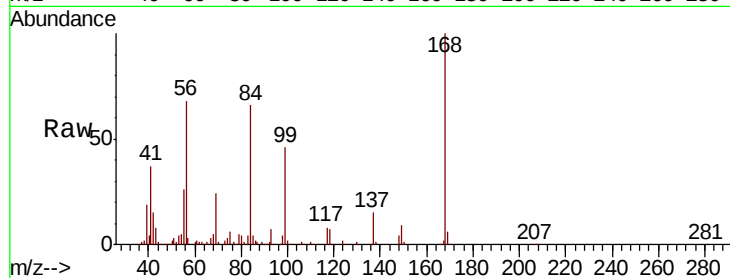
Tot Ion: 56 Resp: 231159

Ion Ratio Lower Upper

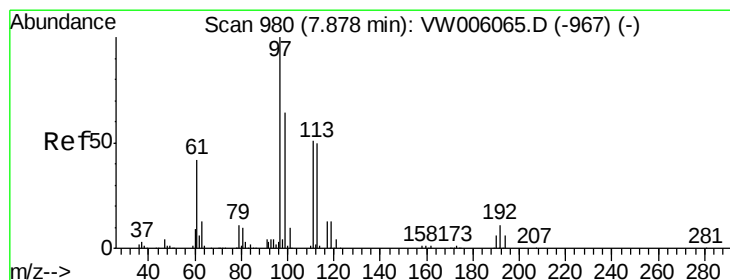
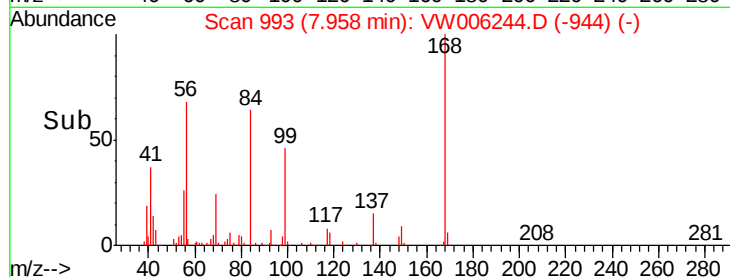
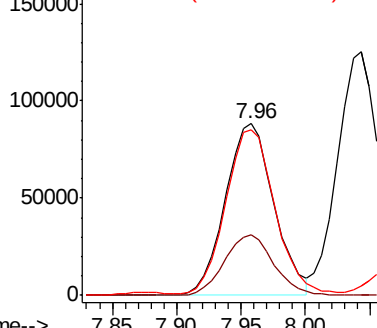
56 100

69 35.7 29.4 44.0

84 94.9 74.0 111.0



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



#32

1,1,1-Trichloroethane

Concen: 53.179 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

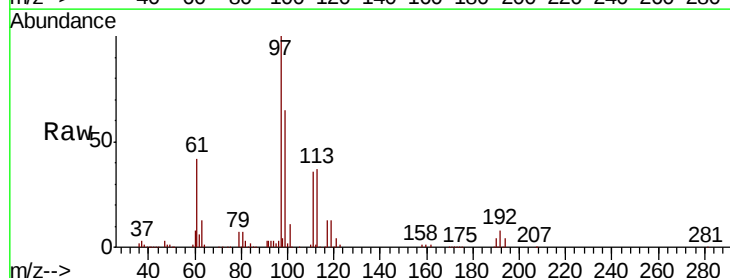
Tgt Ion: 97 Resp: 250770

Ion Ratio Lower Upper

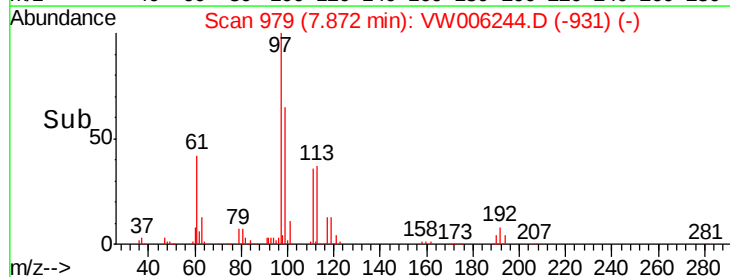
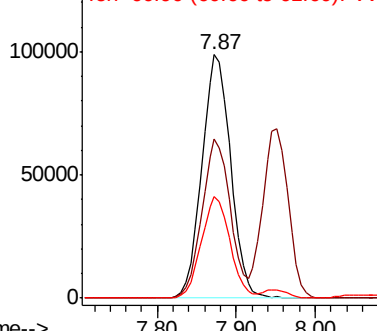
97 100

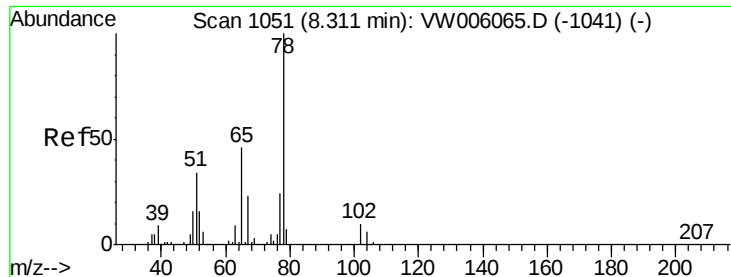
99 64.7 50.9 76.3

61 41.6 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

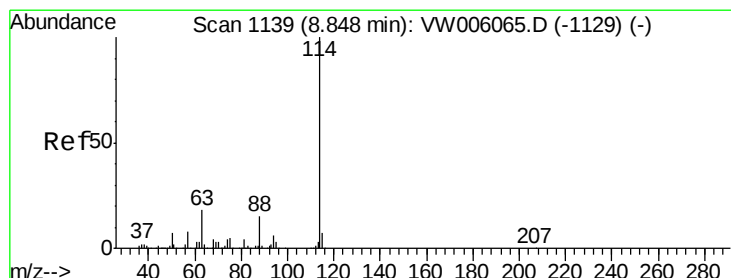
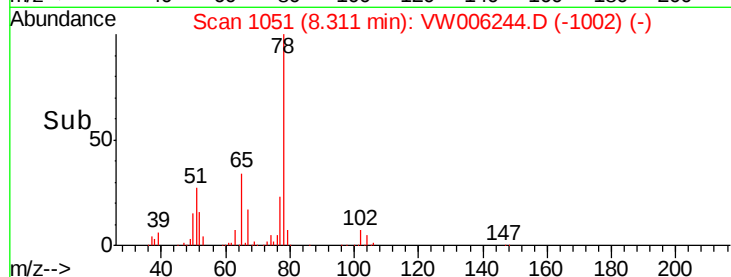
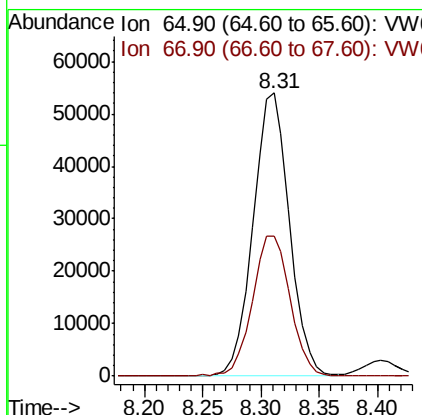
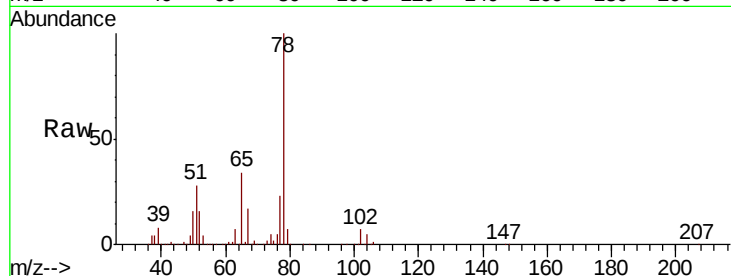




#33
 1,2-Dichloroethane-d4
 Concen: 44.890 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

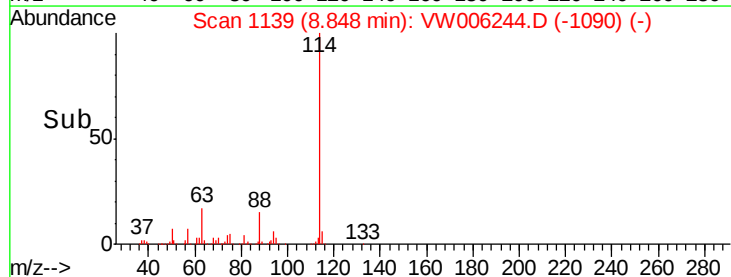
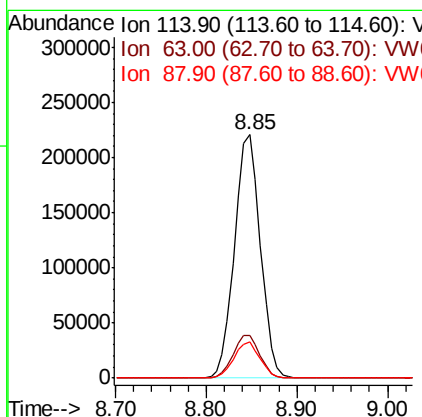
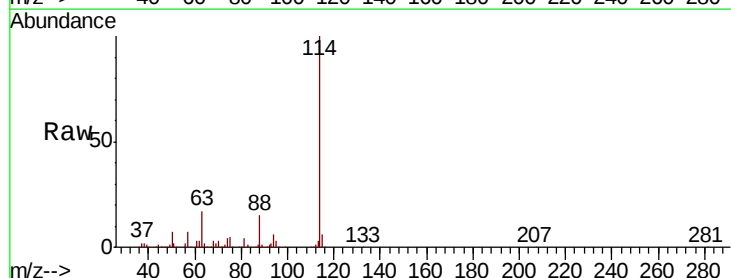
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

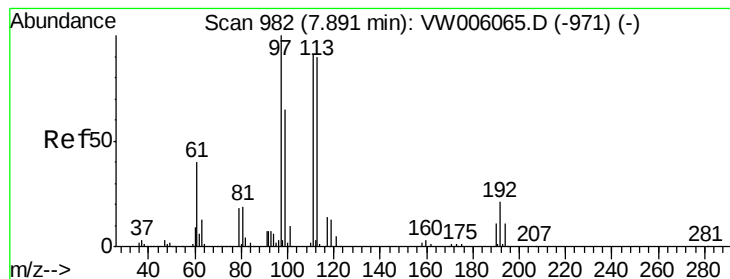
Tot Ion: 65 Resp: 117219
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion: 114 Resp: 436221
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.8
 88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.769 ug/l

RT: 7.89 min Scan# 982

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

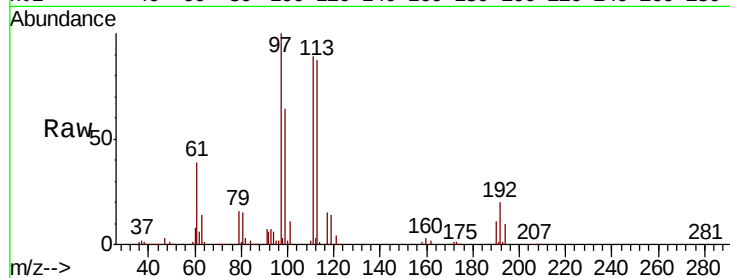
Tot Ion:113 Resp: 128286

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

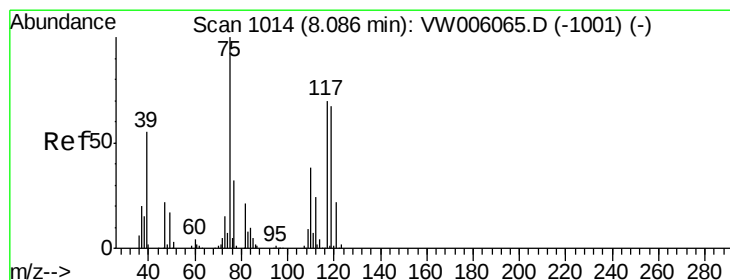
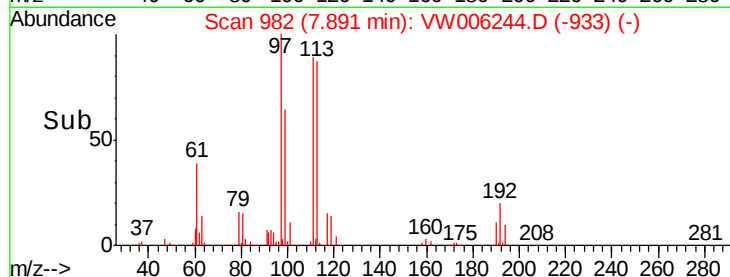
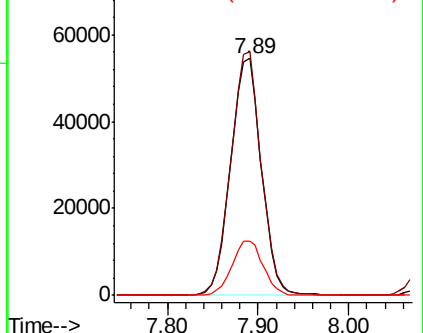
192 23.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 54.216 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

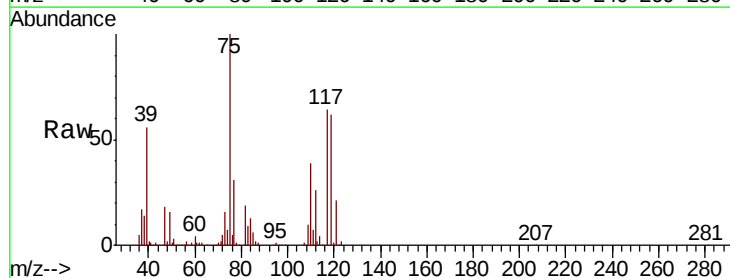
Tgt Ion: 75 Resp: 217989

Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.1

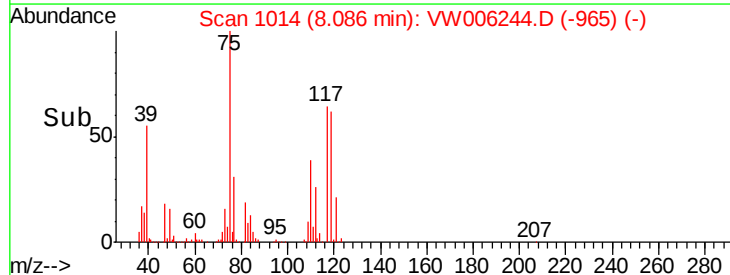
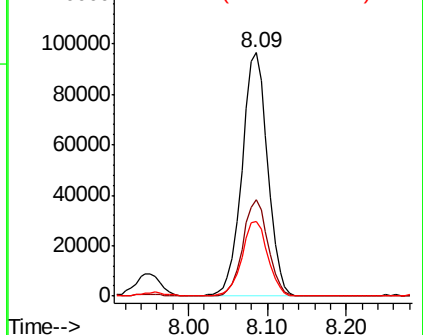
77 31.0 25.0 37.4

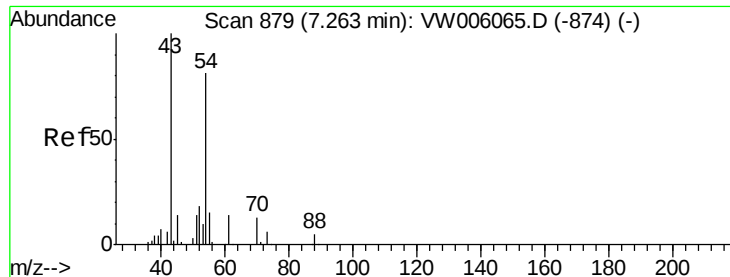


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

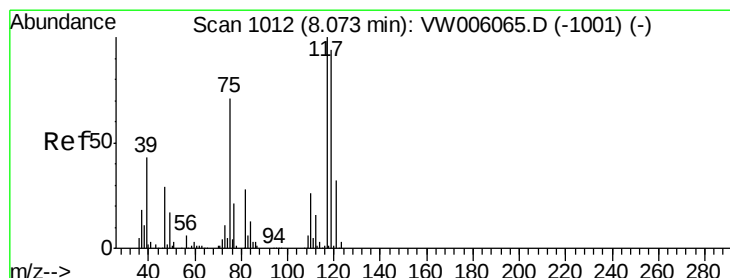
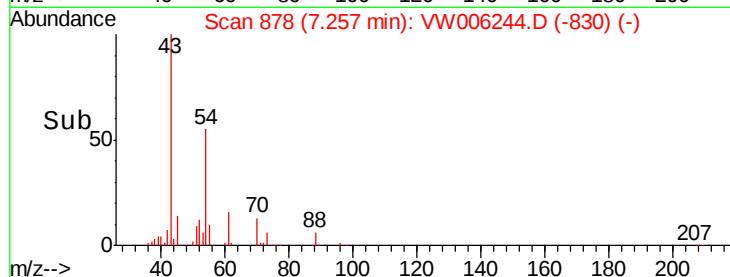
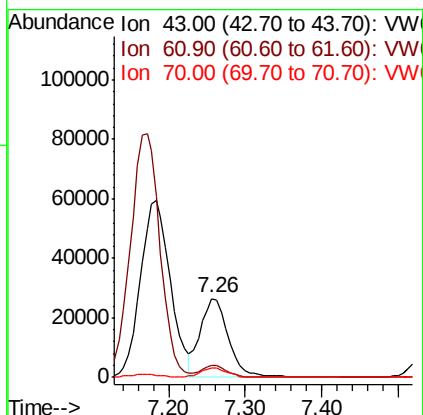
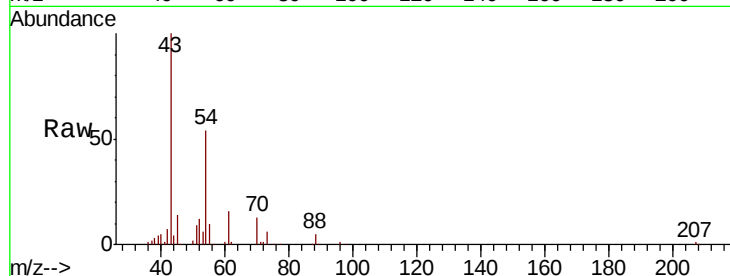




#37
Ethyl Acetate
Concen: 44.783 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

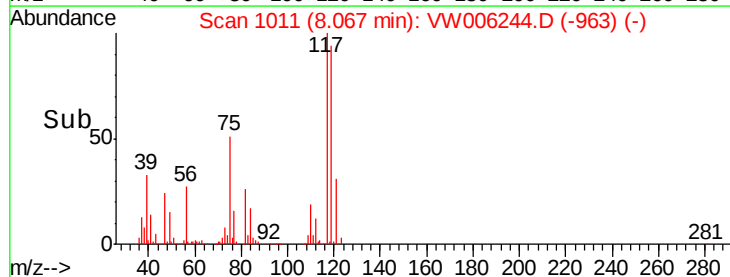
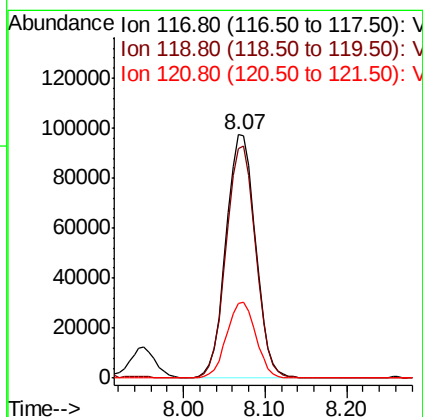
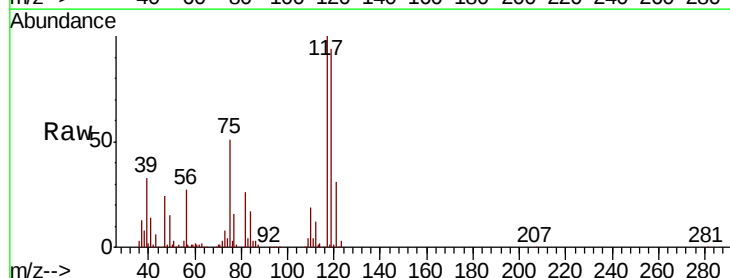
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

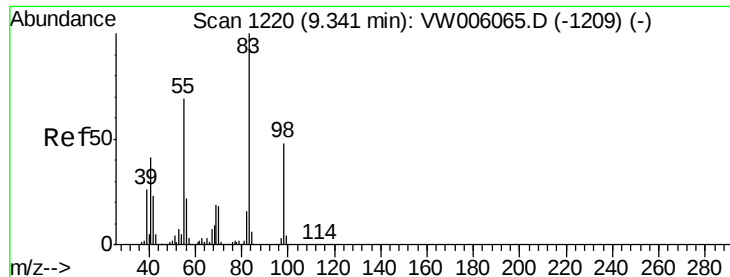
Tot Ion: 43 Resp: 66899
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 11.8 9.2 13.8



#38
Carbon Tetrachloride
Concen: 55.393 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 117 Resp: 244158
Ion Ratio Lower Upper
117 100
119 94.4 75.2 112.8
121 30.6 25.3 37.9

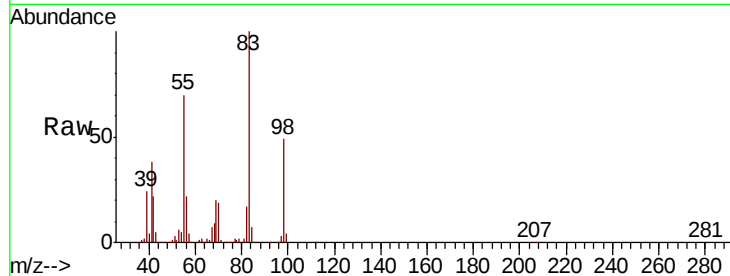




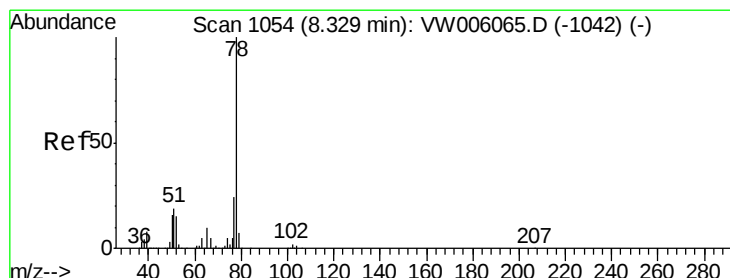
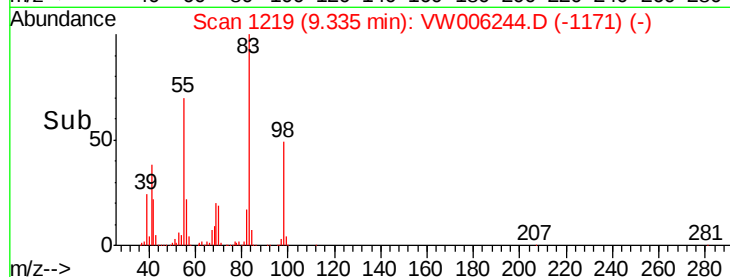
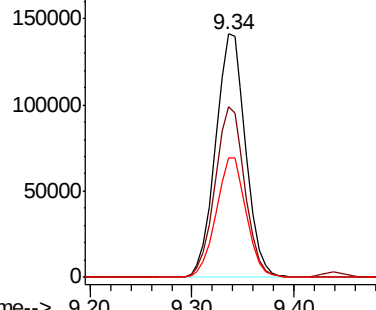
#39
Methvlcvclohexane
Concen: 54.151 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 289417
Ion Ratio Lower Upper
83 100
55 69.8 55.0 82.6
98 48.8 38.6 57.8

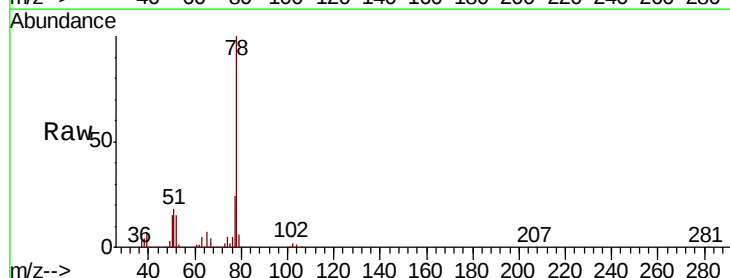


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

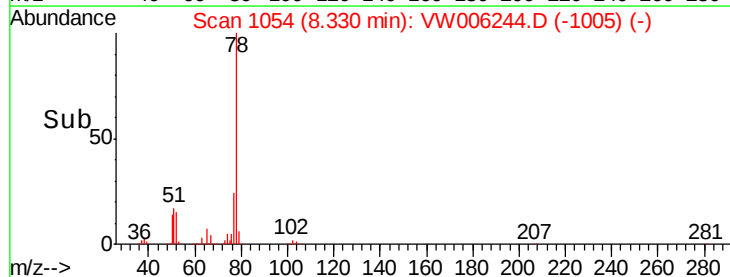
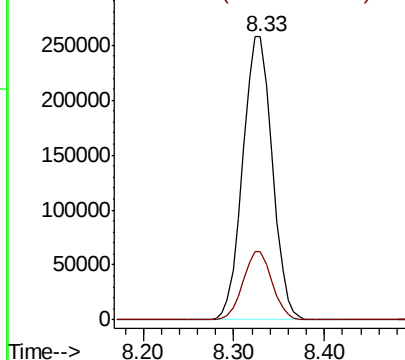


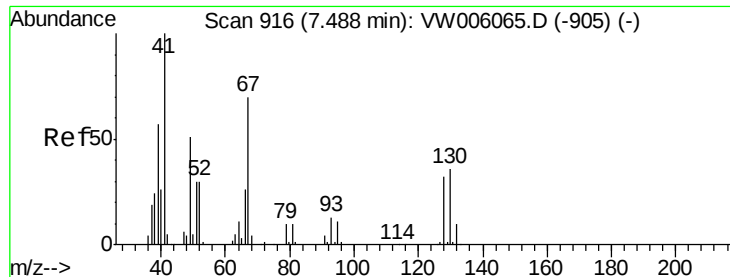
#40
Benzene
Concen: 52.690 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 78 Resp: 581133
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



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

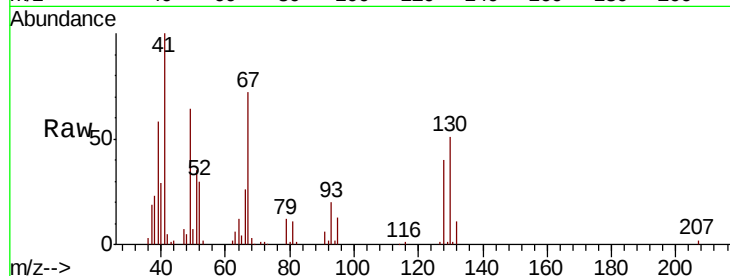




#41
Methacrylonitrile
Concen: 49.400 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	44487
Ion	Ratio	Lower	Upper
41	100		
39	55.6	46.2	69.4
67	69.8	57.7	86.5
52	29.6	24.7	37.1



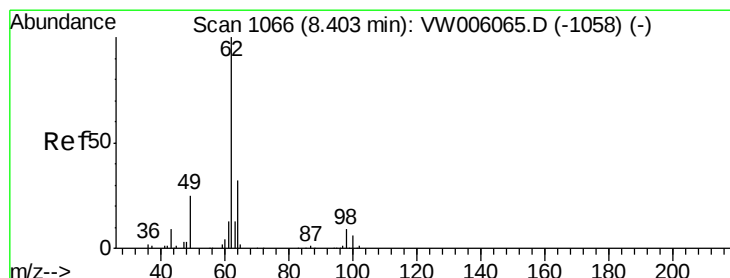
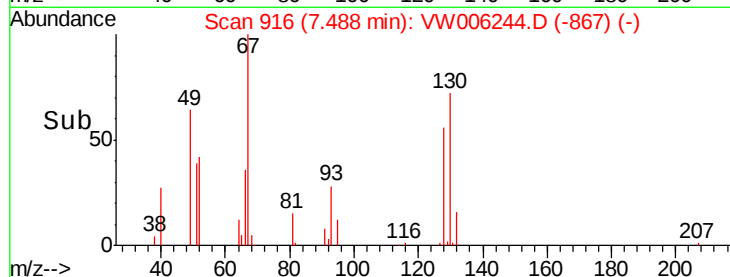
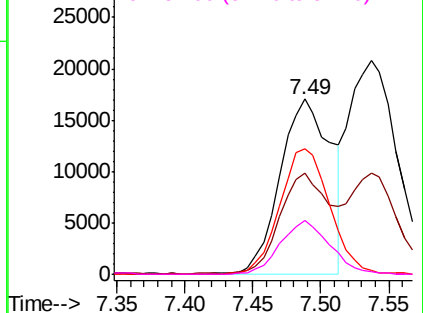
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

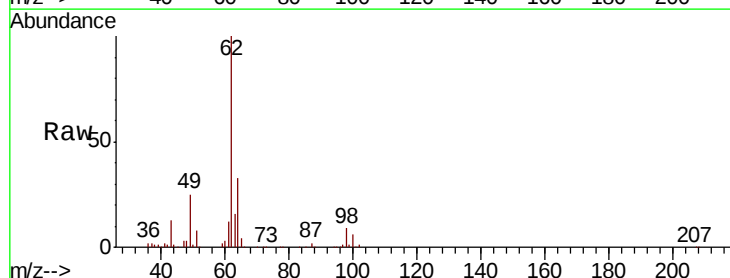
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 50.792 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

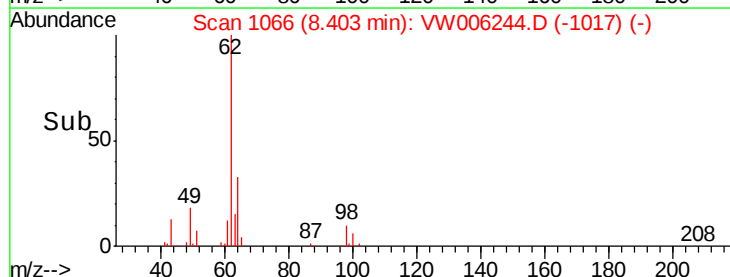
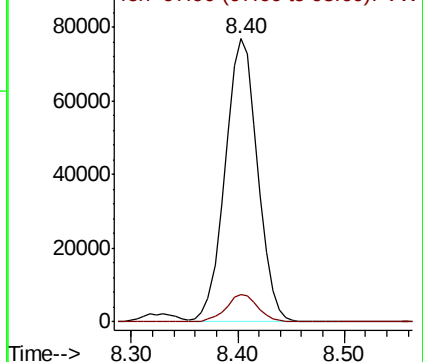
Tgt Ion:	62	Resp:	164584
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4

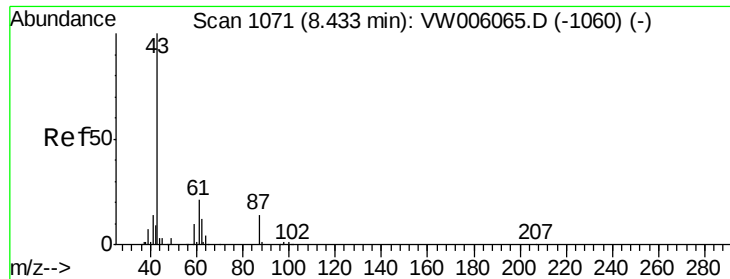


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 44.821 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

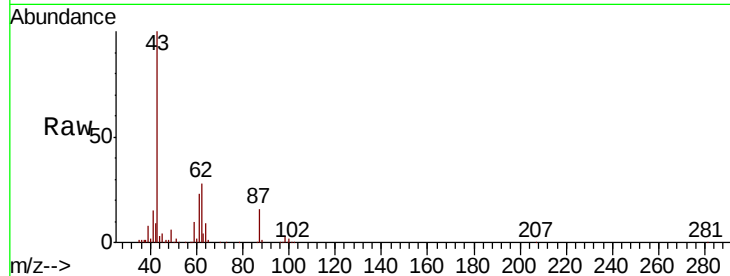
Tot Ion: 43 Resp: 136901

Ion Ratio Lower Upper

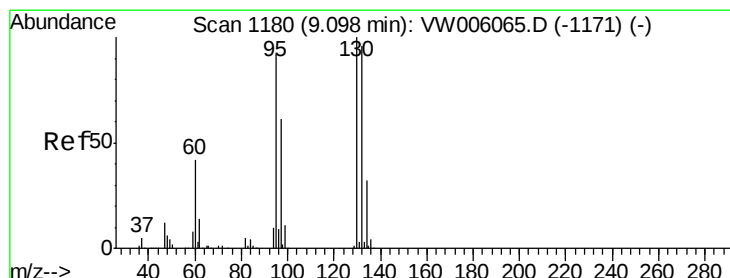
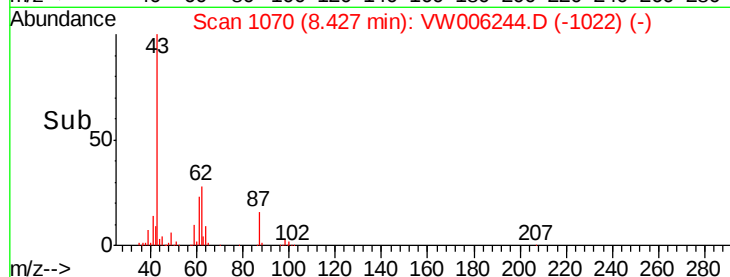
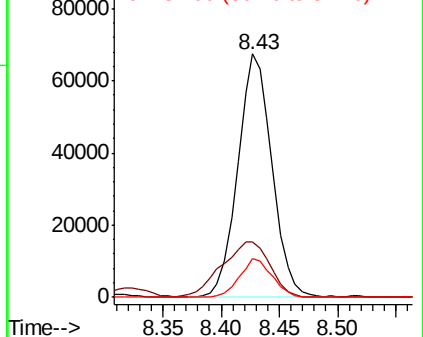
43 100

61 32.5 25.5 38.3

87 15.5 11.7 17.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 54.566 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006244.D

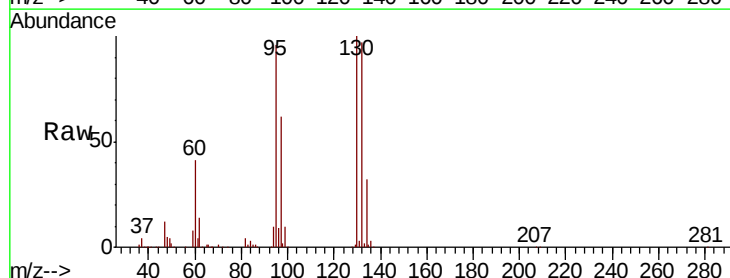
Acq: 22 Oct 2018 11:49

Tgt Ion:130 Resp: 184636

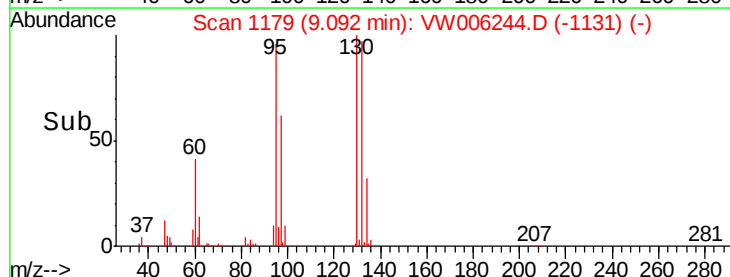
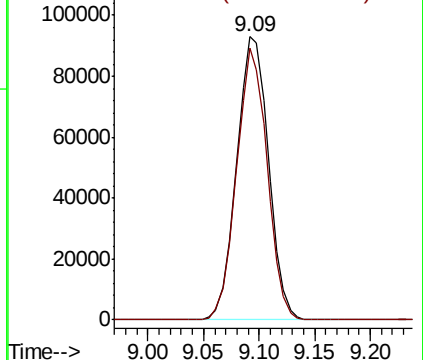
Ion Ratio Lower Upper

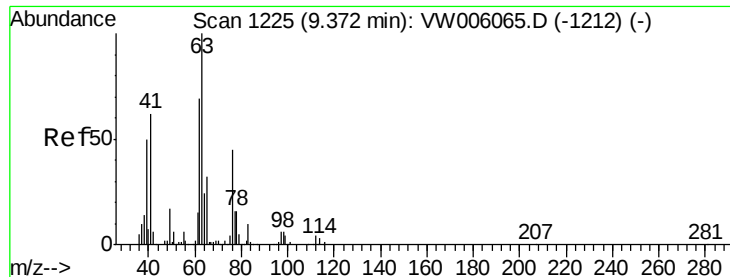
130 100

95 95.9 0.0 183.2



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

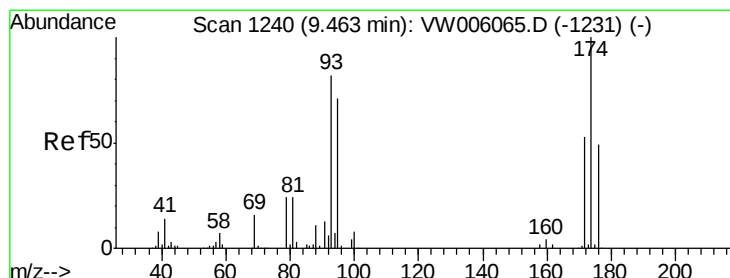
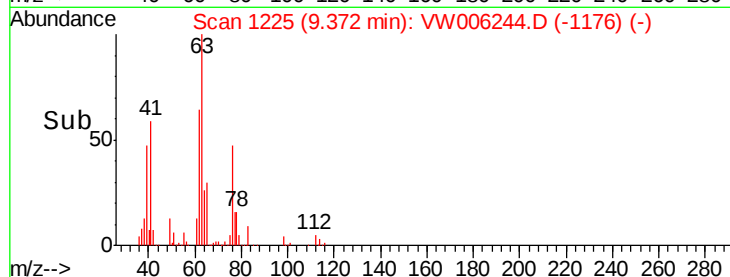
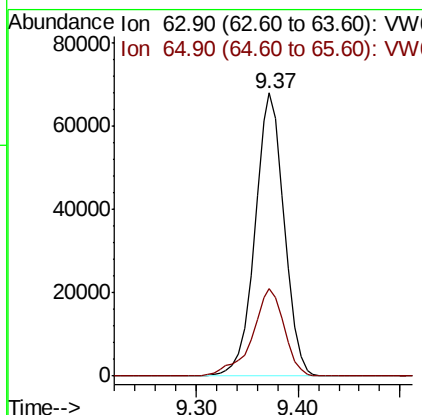
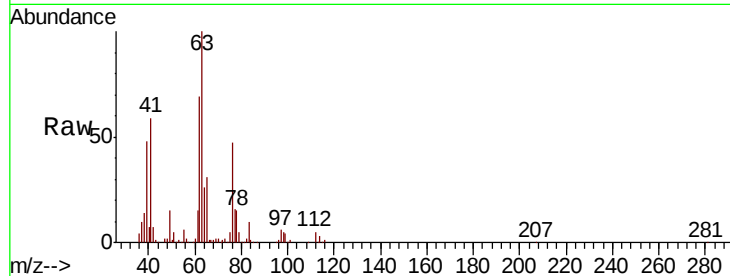




#45
 1,2-Dichloropropane
 Concen: 51.054 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

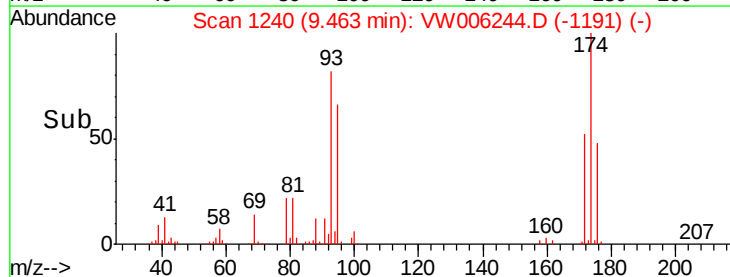
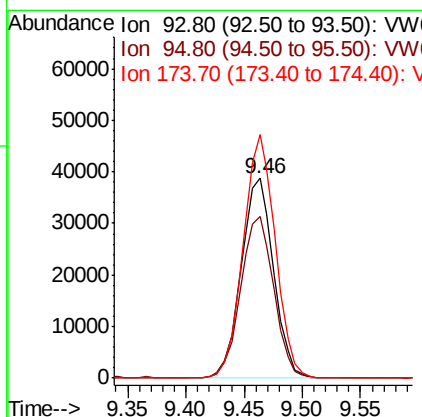
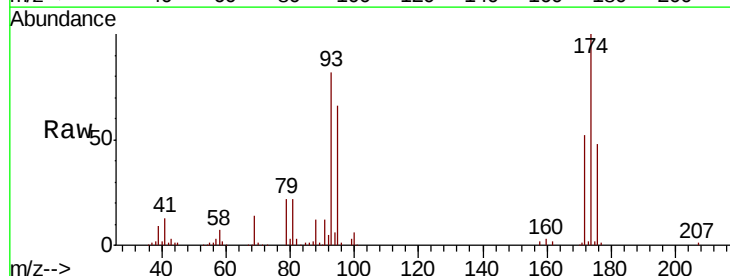
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

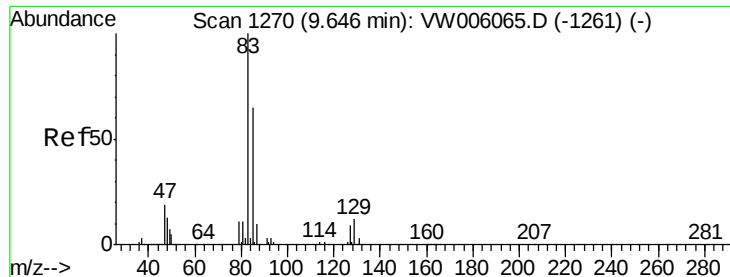
Tot Ion: 63 Resp: 134742
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.4 38.0



#46
 Dibromomethane
 Concen: 49.837 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion: 93 Resp: 74965
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.7 101.5
 174 120.9 93.7 140.5

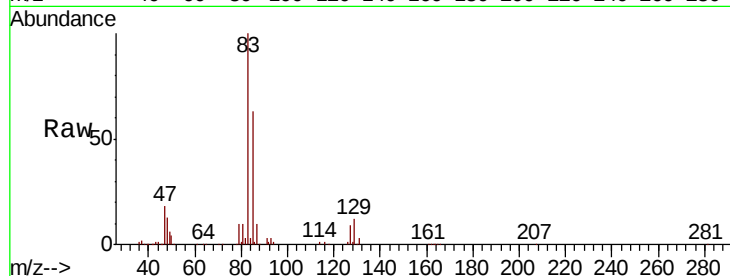




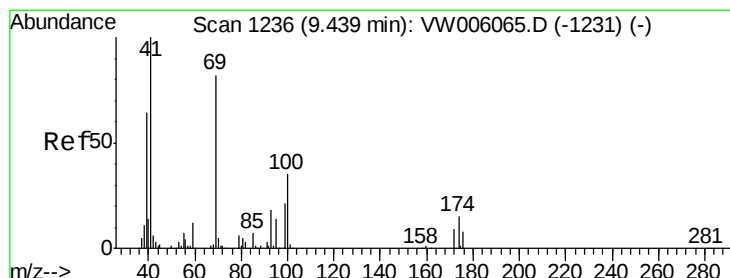
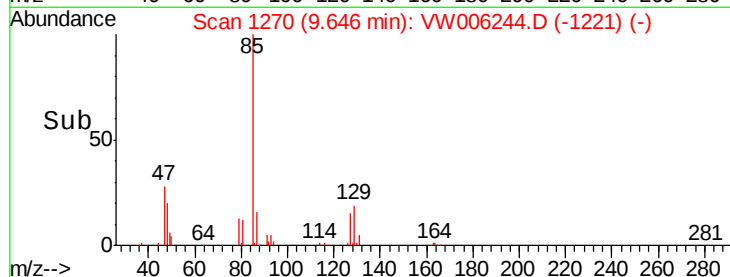
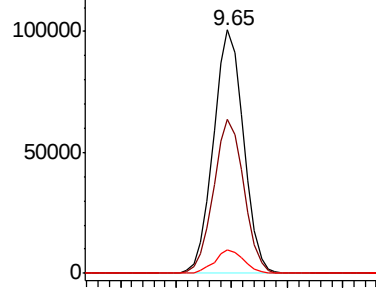
#47
 Bromodichloromethane
 Concen: 51.804 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	188924
Ion Ratio	Lower	Upper	
83	100		
85	63.1	51.8	77.8
127	9.4	6.9	10.3

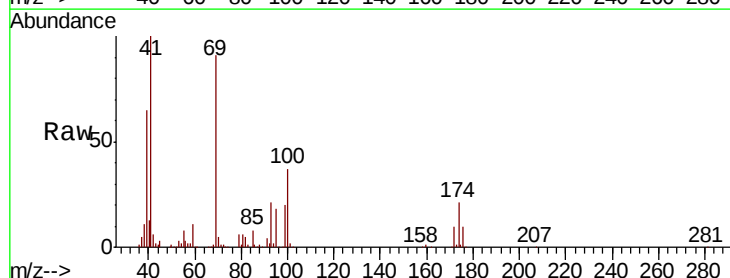


Abundance Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 126.80 (126.50 to 127.50): V

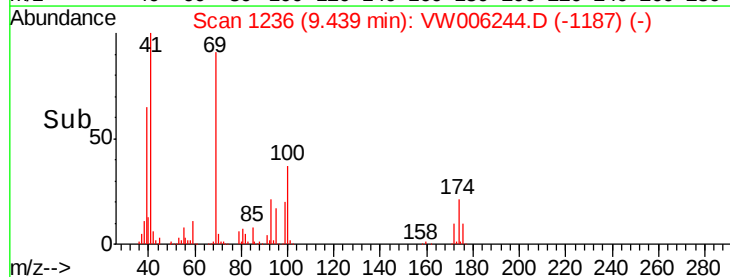
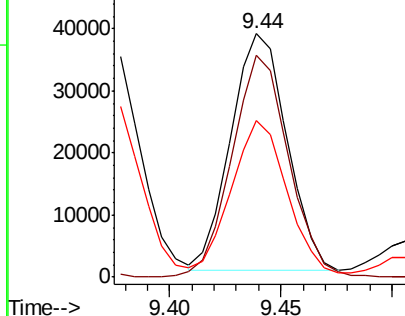


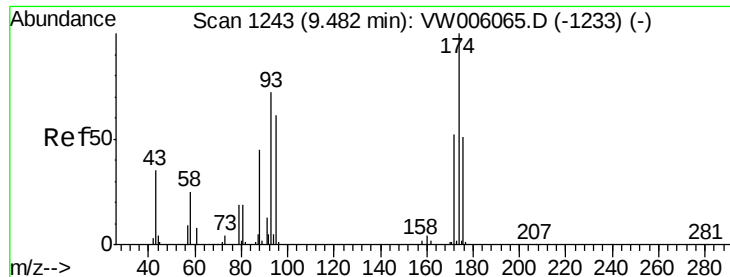
#48
 Methyl methacrylate
 Concen: 45.891 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion	41	Resp	66442
Ion Ratio	Lower	Upper	
41	100		
69	95.1	71.8	107.8
39	62.9	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: 974.695 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

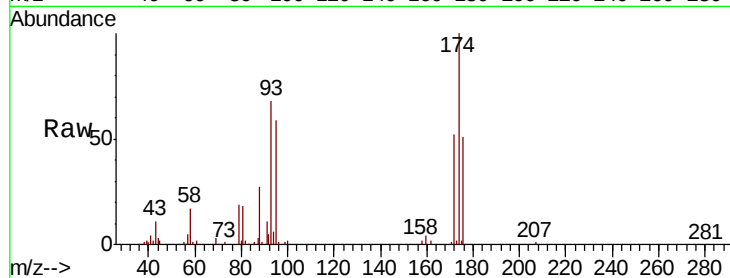
Tot Ion: 88 Resp: 22571

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

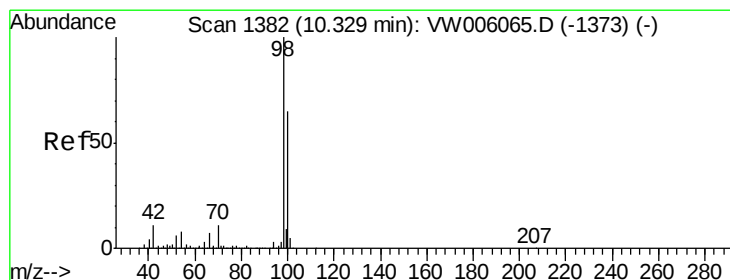
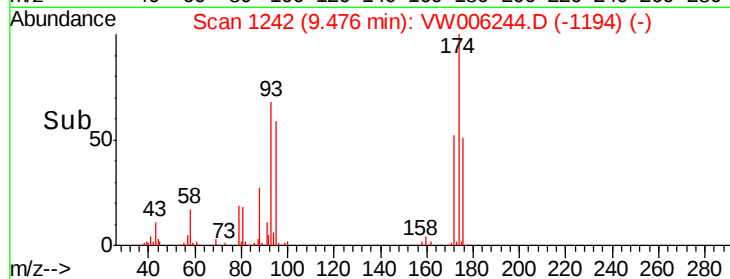
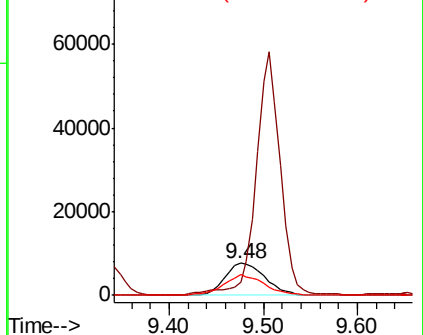
58 65.2 51.2 76.8



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.255 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006244.D

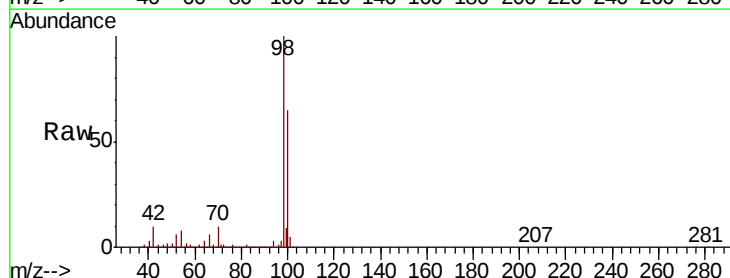
Acq: 22 Oct 2018 11:49

Tgt Ion: 98 Resp: 483018

Ion Ratio Lower Upper

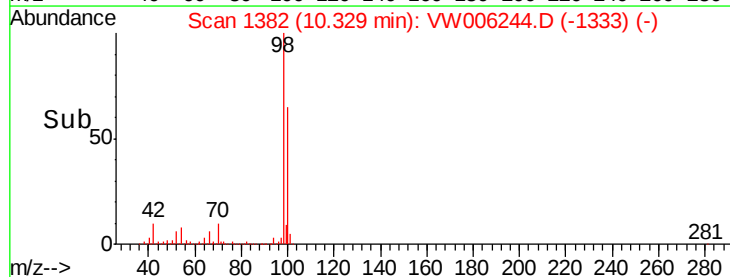
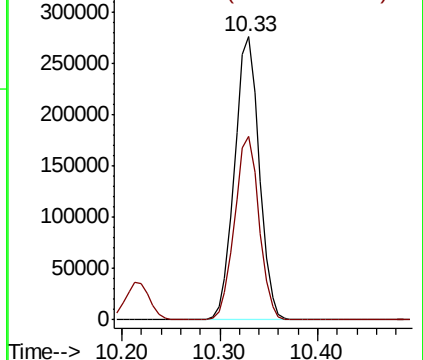
98 100

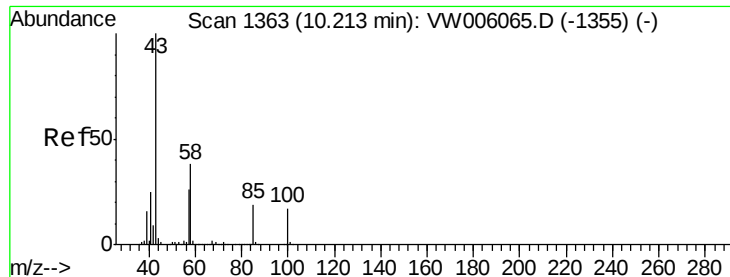
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 221.468 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

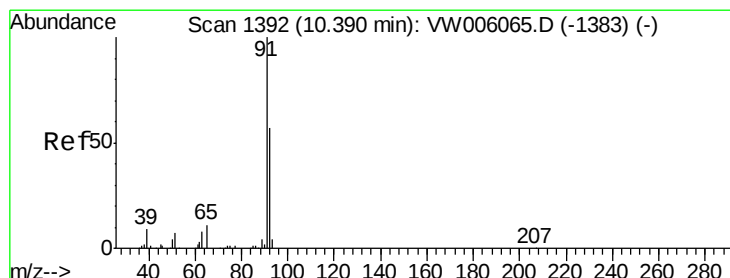
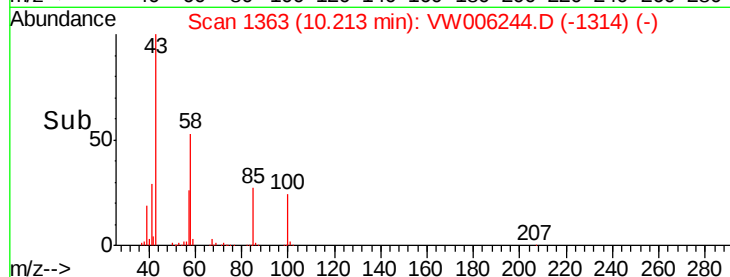
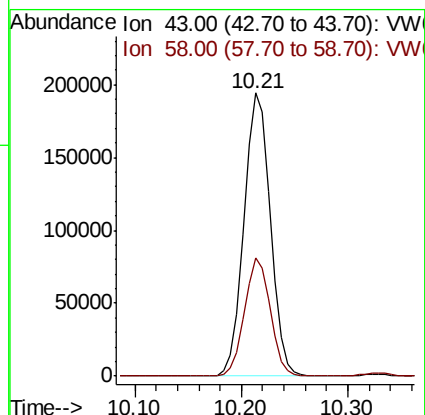
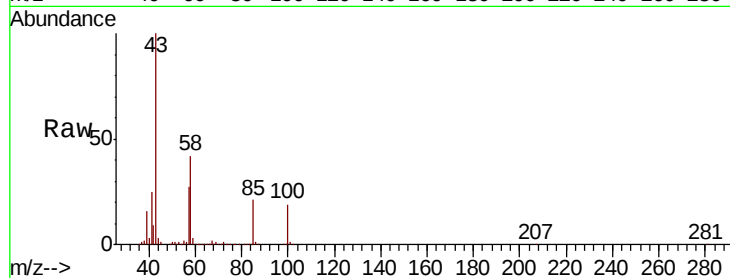
VSTDCCC050

Tot Ion: 43 Resp: 338928

Ion Ratio Lower Upper

43 100

58 40.8 31.5 47.3



#52

Toluene

Concen: 52.870 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006244.D

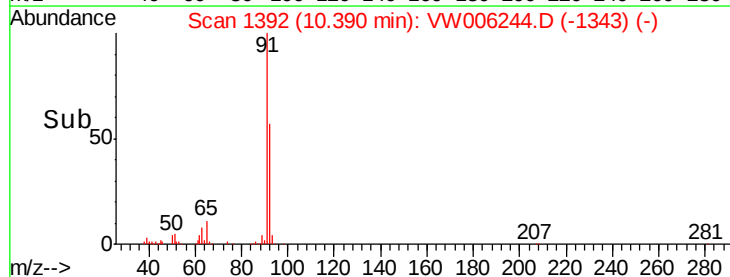
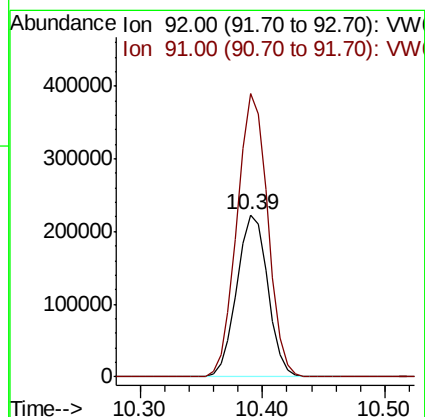
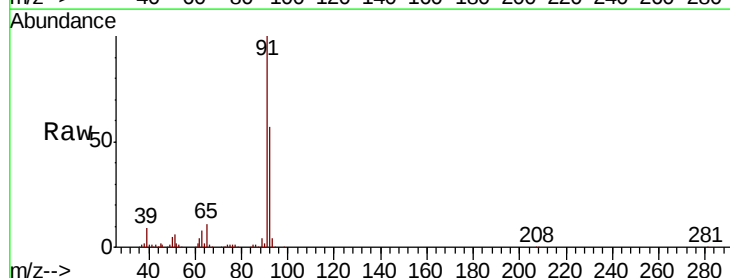
Acq: 22 Oct 2018 11:49

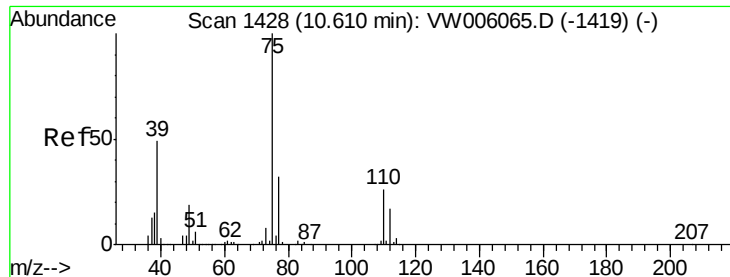
Tgt Ion: 92 Resp: 390934

Ion Ratio Lower Upper

92 100

91 173.3 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 51.877 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

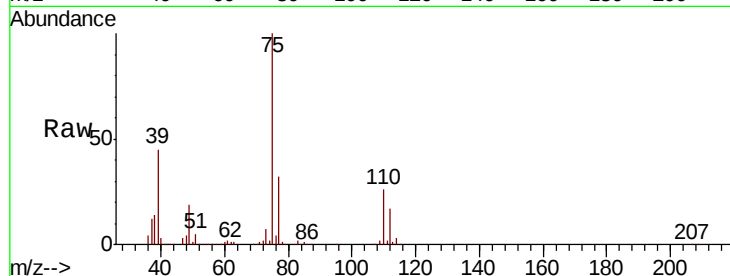
VSTDCCC050

Tot Ion: 75 Resp: 188495

Ion Ratio Lower Upper

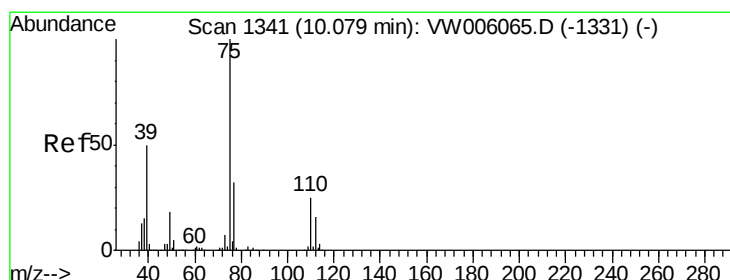
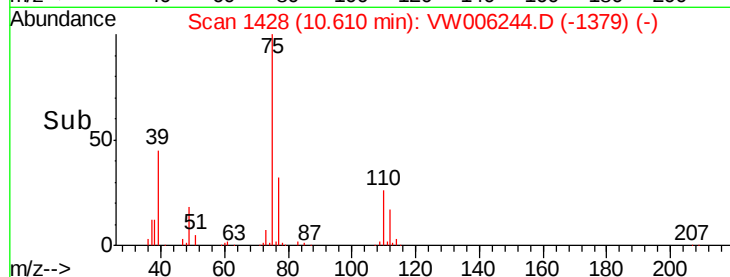
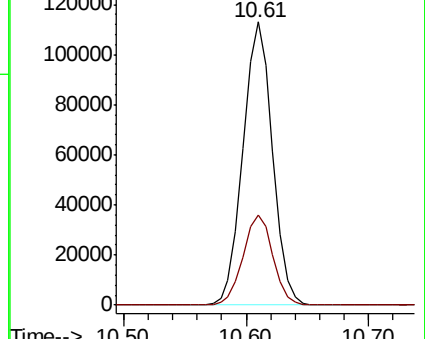
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 52.453 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

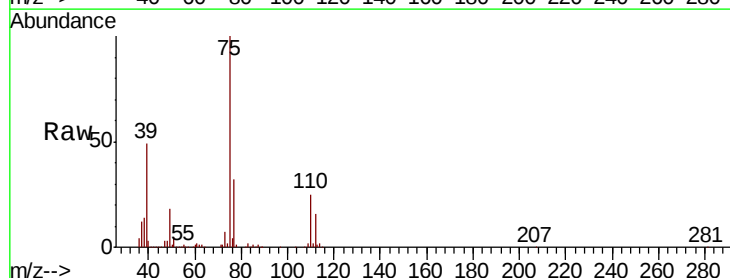
Tgt Ion: 75 Resp: 218739

Ion Ratio Lower Upper

75 100

77 31.9 25.2 37.8

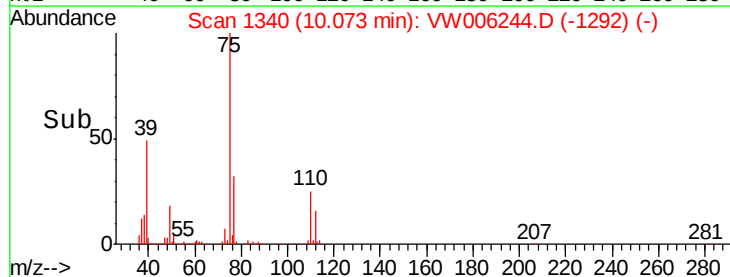
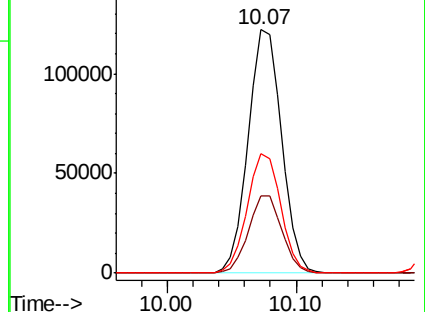
39 49.2 39.9 59.9

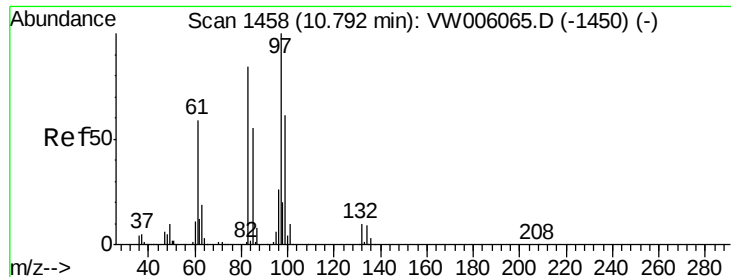


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

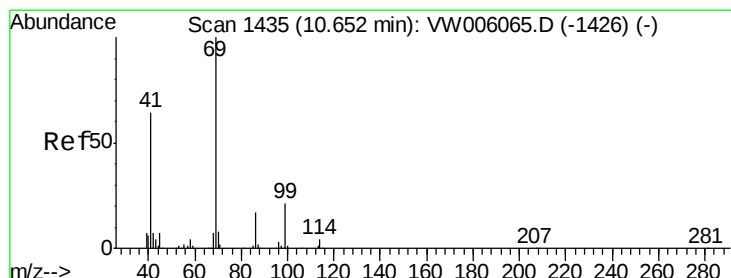
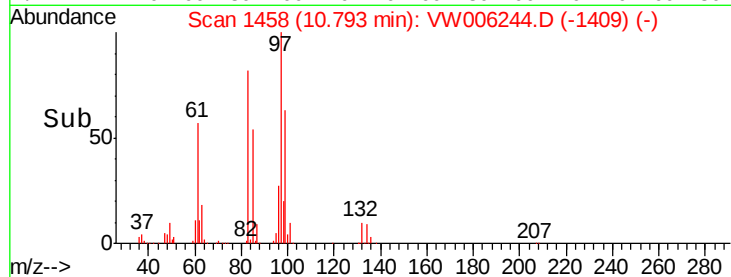
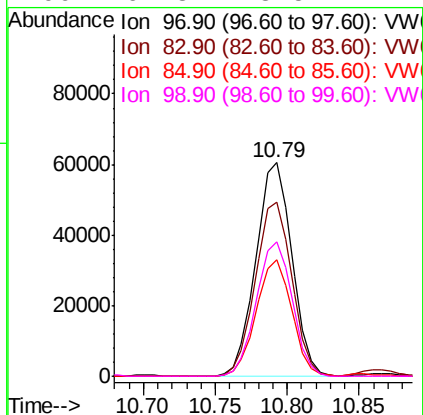
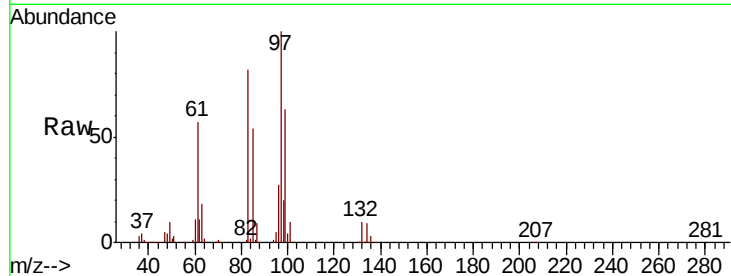




#55
 1,1,2-Trichloroethane
 Concen: 49.816 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

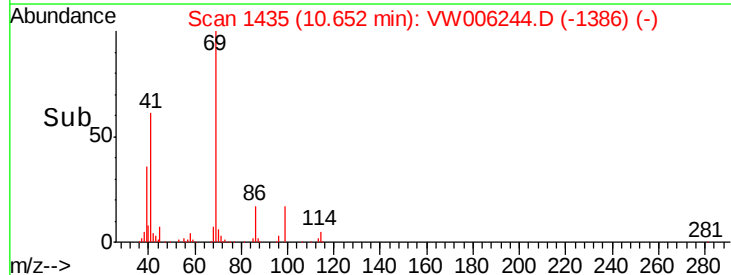
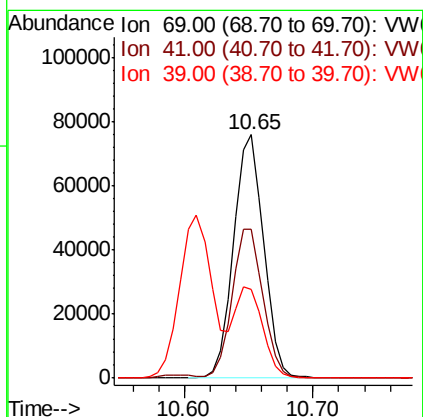
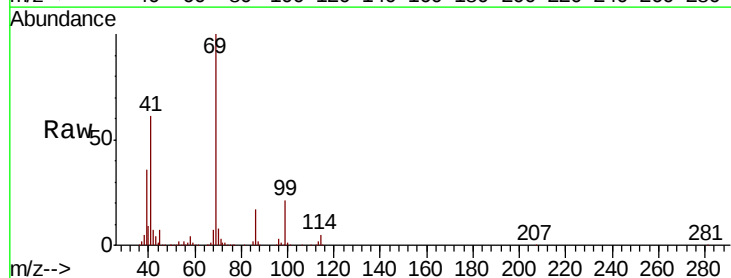
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

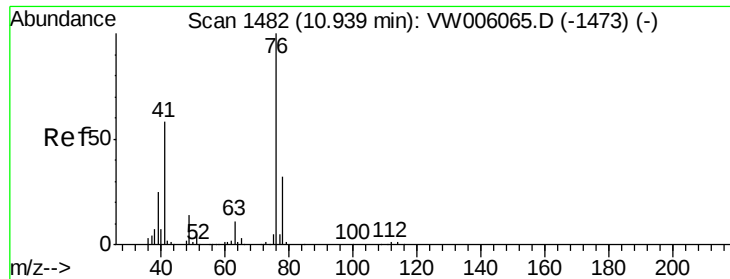
Tot Ion:	97	Resp:	104862
Ion	Ratio	Lower	Upper
97	100		
83	81.6	67.2	100.8
85	54.4	43.7	65.5
99	62.8	48.5	72.7



#56
 Ethyl methacrylate
 Concen: 47.913 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion:	69	Resp:	123643
Ion	Ratio	Lower	Upper
69	100		
41	62.7	52.8	79.2
39	33.9	30.6	45.8





#57

1,3-Dichloropropane

Concen: 49.748 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampled :

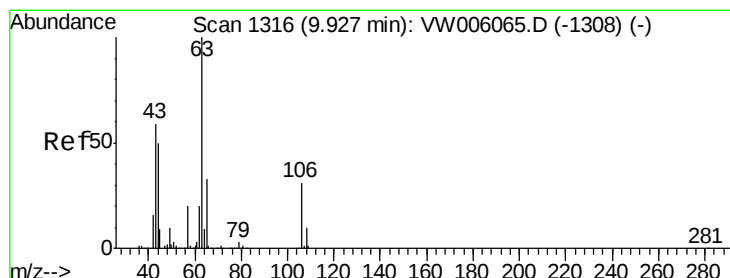
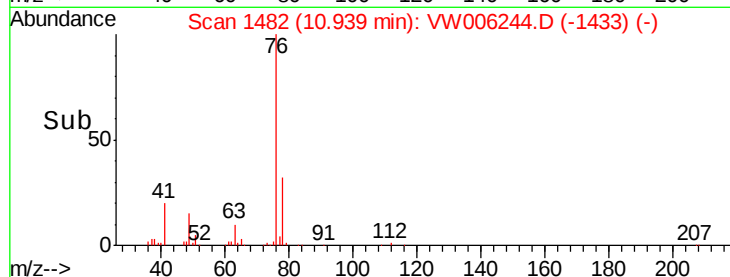
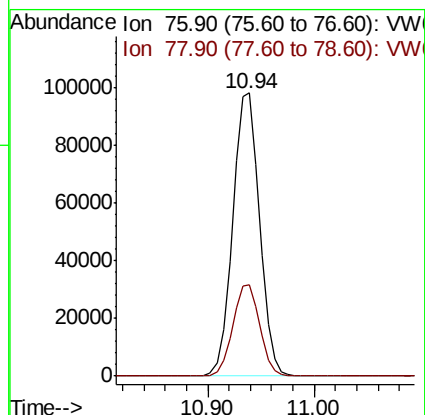
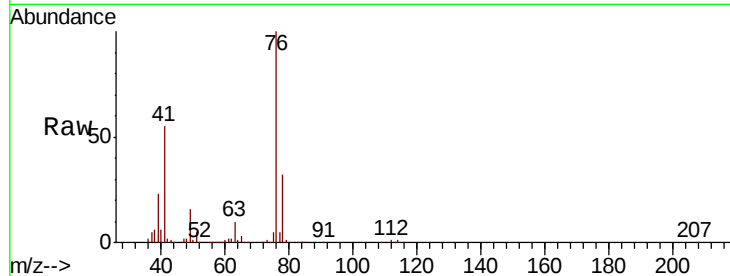
VSTDCCC050

Tot Ion: 76 Resp: 173353

Ion Ratio Lower Upper

76 100

78 32.4 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 220.191 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006244.D

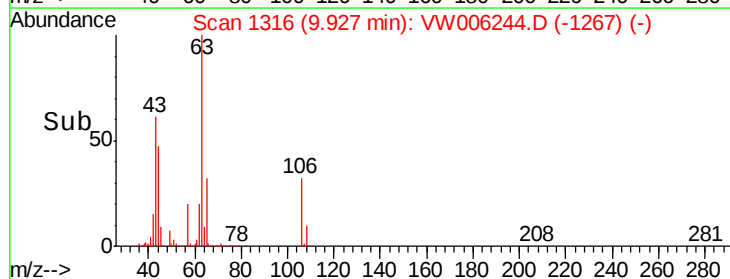
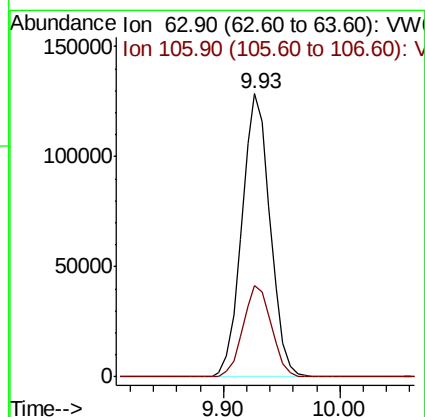
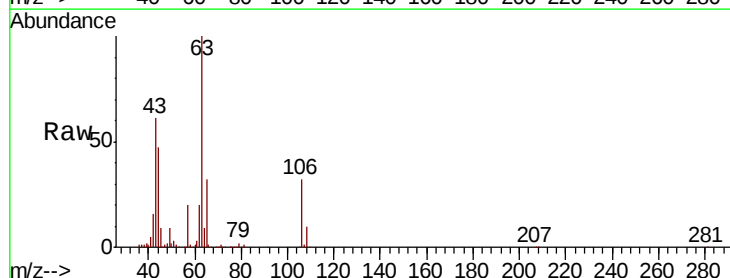
Acq: 22 Oct 2018 11:49

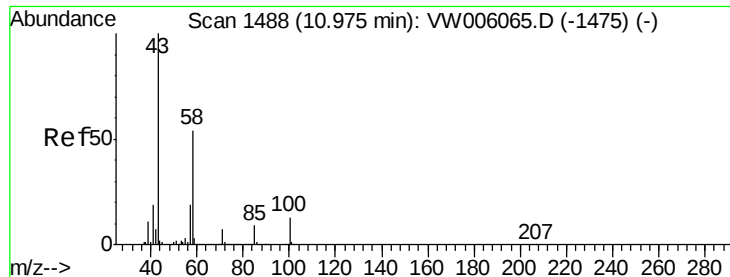
Tgt Ion: 63 Resp: 217121

Ion Ratio Lower Upper

63 100

106 32.4 24.5 36.7

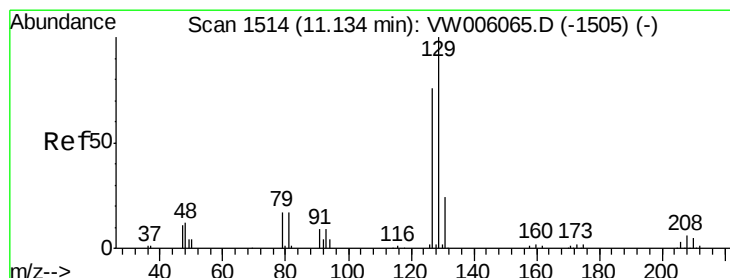
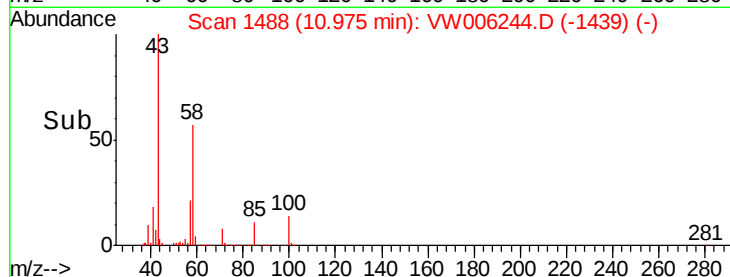
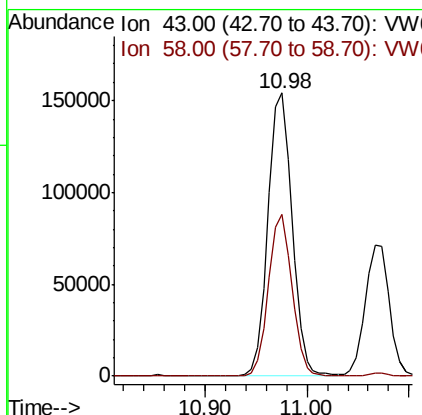
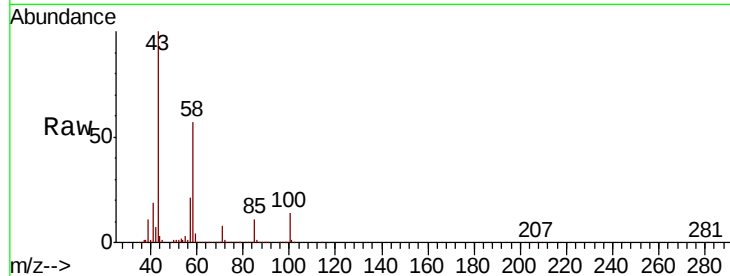




#59
2-Hexanone
Concen: 231.797 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

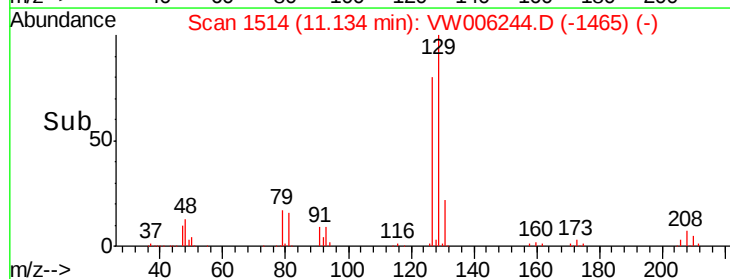
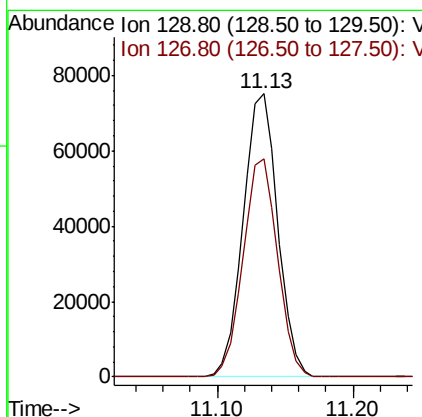
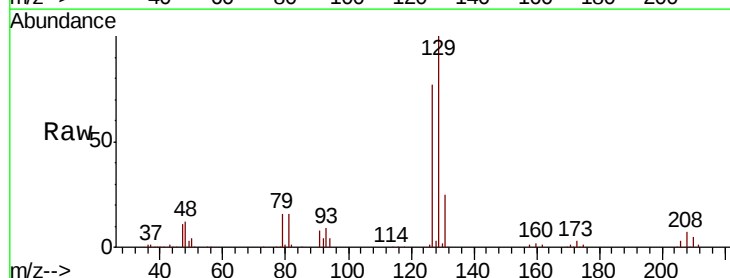
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

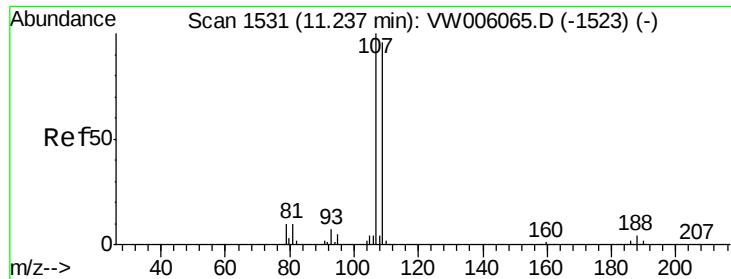
Tot Ion: 43 Resp: 253223
Ion Ratio Lower Upper
43 100
58 55.8 26.9 80.6



#60
Dibromochloromethane
Concen: 50.955 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 129 Resp: 133602
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 50.119 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

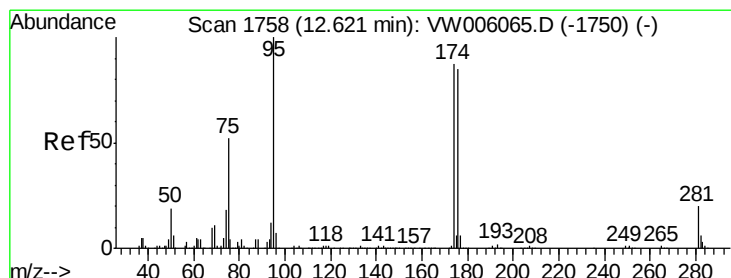
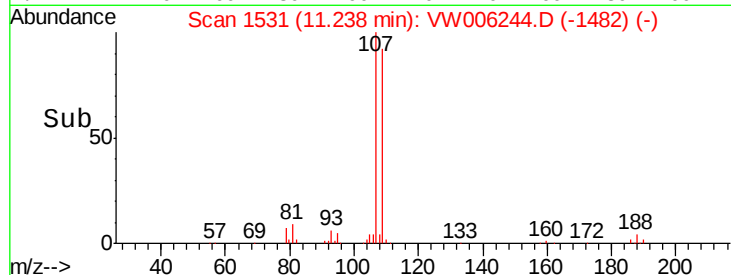
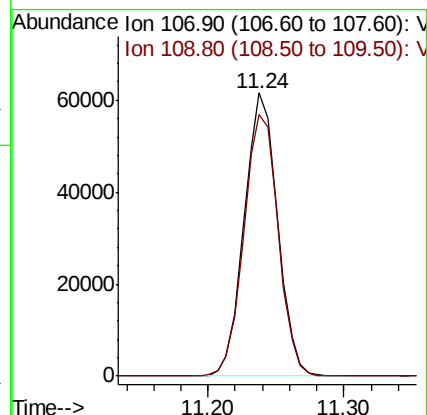
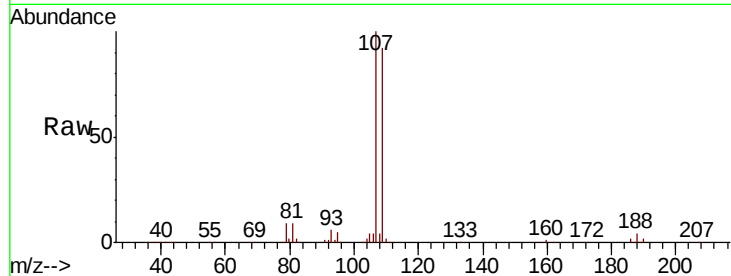
VSTDCCC050

Tot Ion:107 Resp: 105414

Ion Ratio Lower Upper

107 100

109 95.3 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 49.738 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

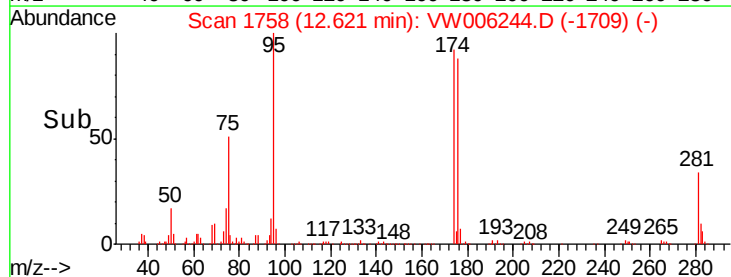
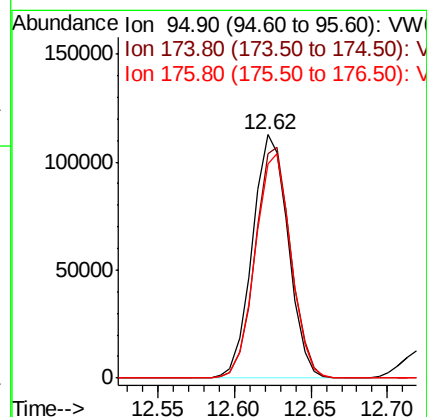
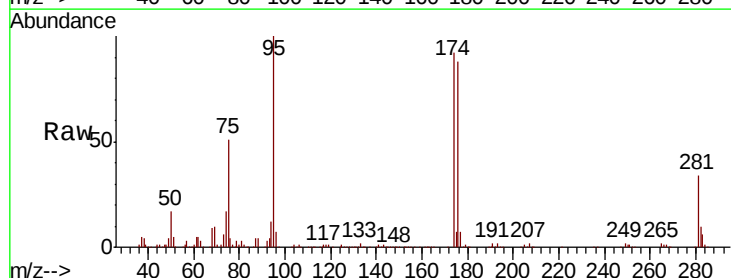
Tgt Ion: 95 Resp: 183196

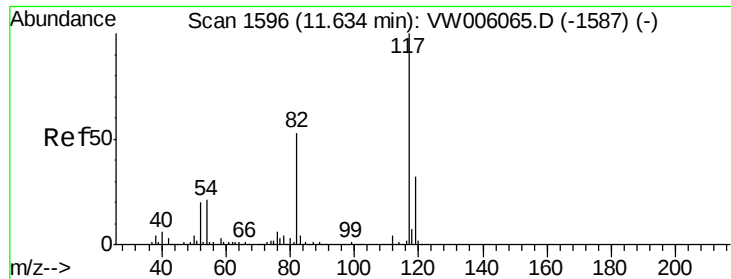
Ion Ratio Lower Upper

95 100

174 94.5 0.0 186.0

176 92.2 0.0 181.6

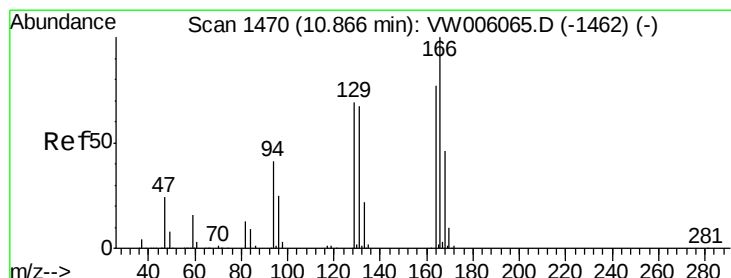
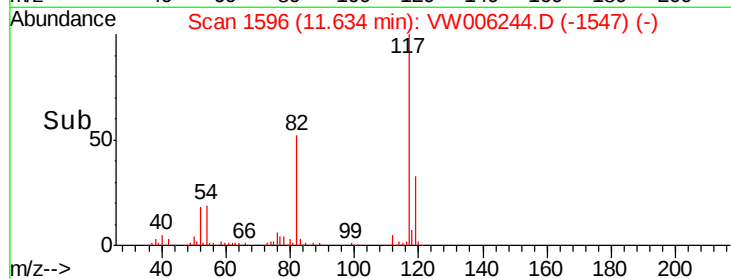
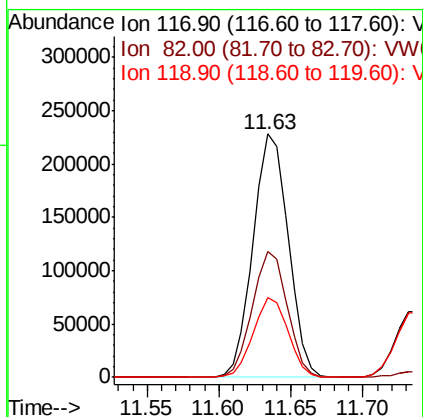
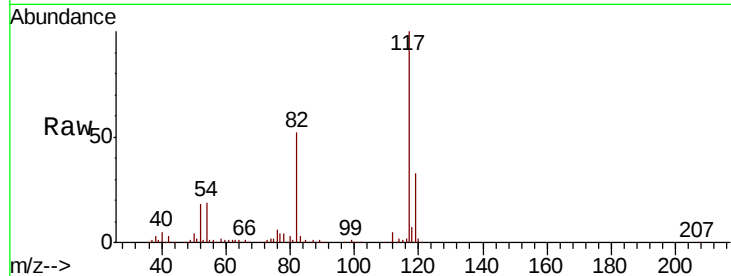




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

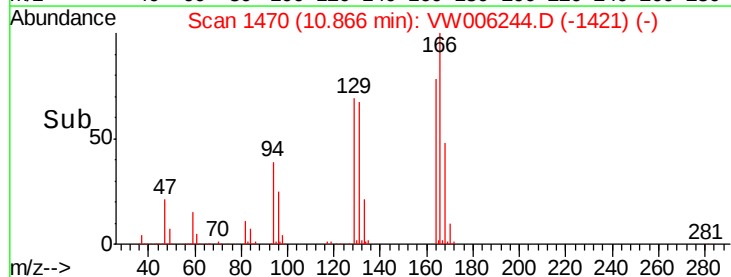
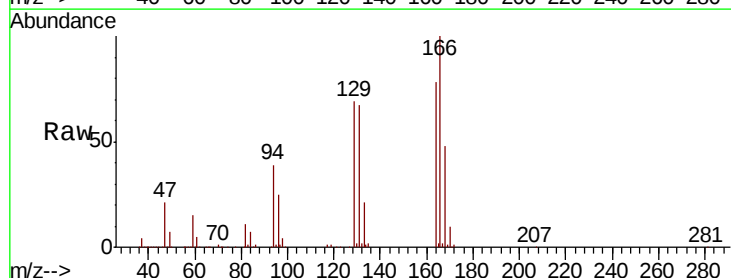
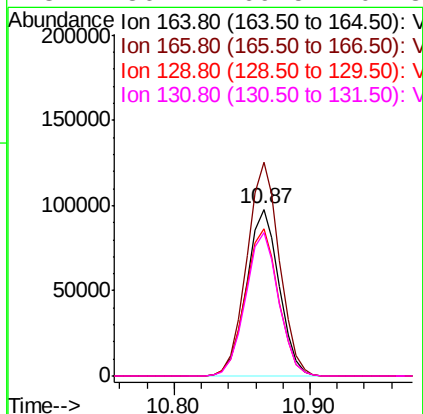
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

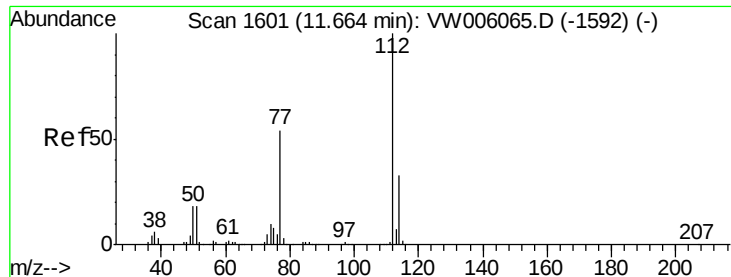
Tot Ion:117 Resp: 386045
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.9 25.8 38.6



#64
Tetrachloroethene
Concen: 54.931 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion:164 Resp: 164623
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.0
129 88.6 71.8 107.8
131 86.2 69.5 104.3

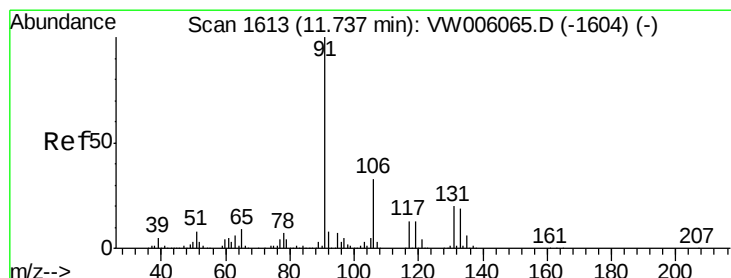
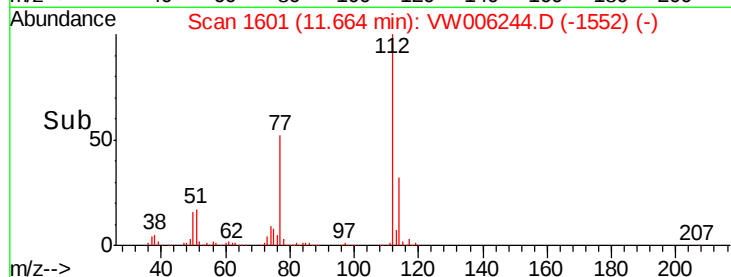
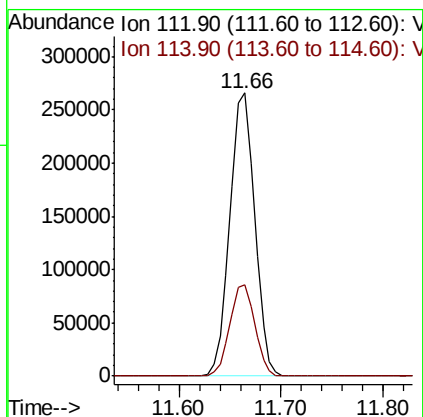
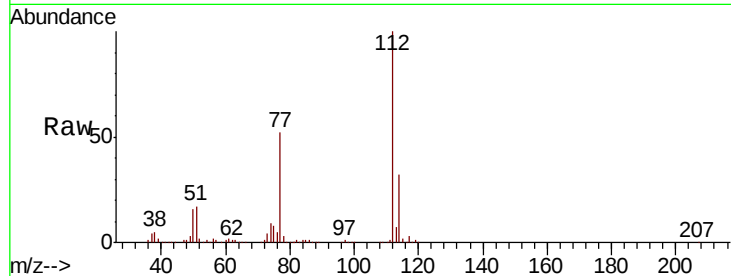




#65
Chlorobenzene
Concen: 54.221 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

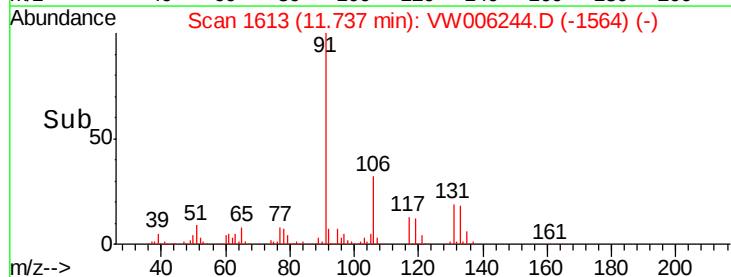
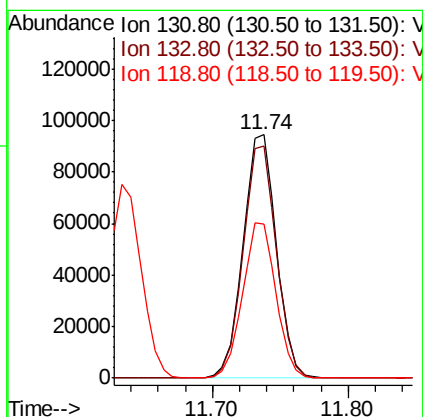
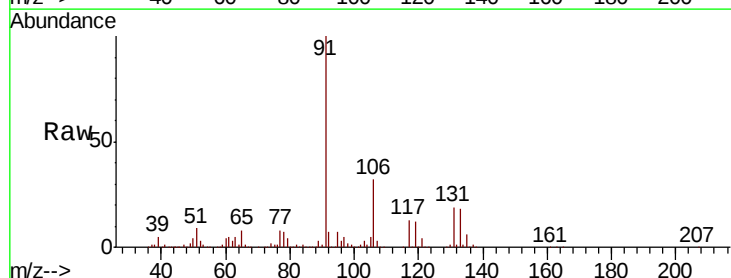
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

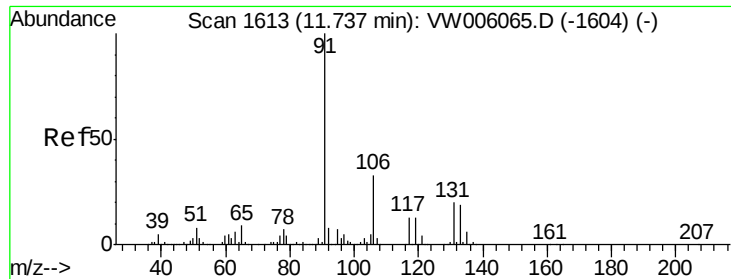
Tot Ion:112 Resp: 448087
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 54.994 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion:131 Resp: 161512
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 63.8 31.6 94.7

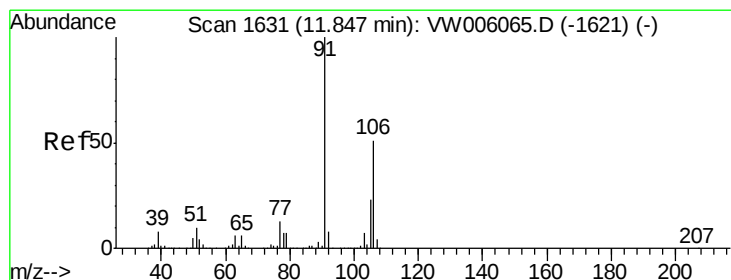
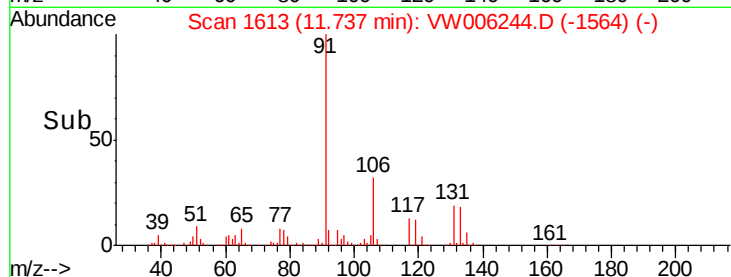
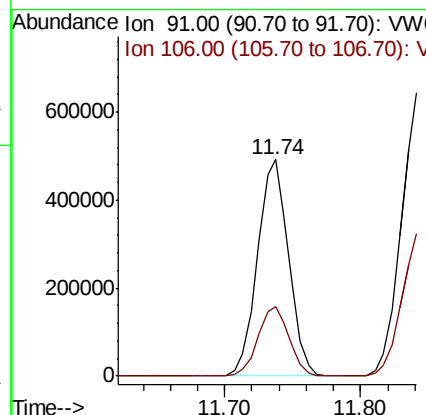
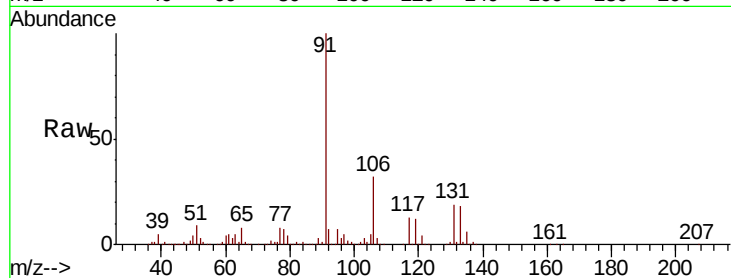




#67
Ethyl Benzene
Concen: 55.179 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

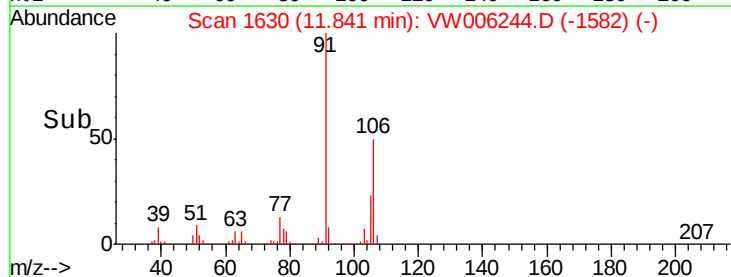
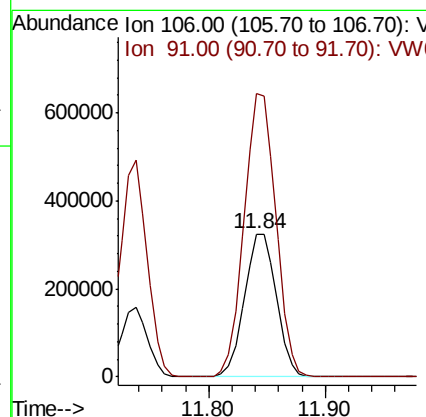
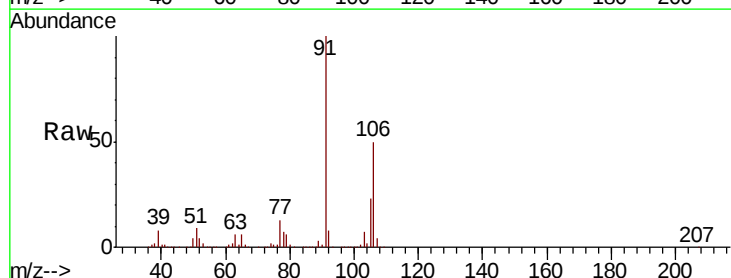
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

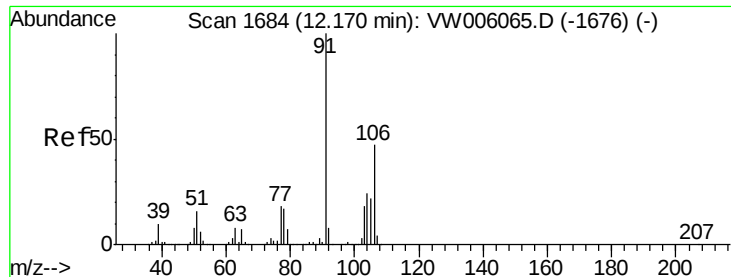
Tot Ion: 91 Resp: 790267
Ion Ratio Lower Upper
91 100
106 31.9 26.1 39.1



#68
m/p-Xylenes
Concen: 109.629 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 106 Resp: 620585
Ion Ratio Lower Upper
106 100
91 197.9 159.1 238.7

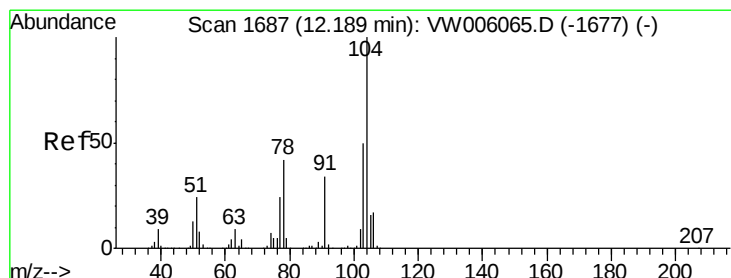
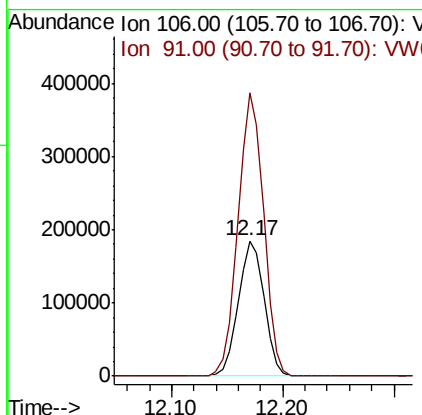
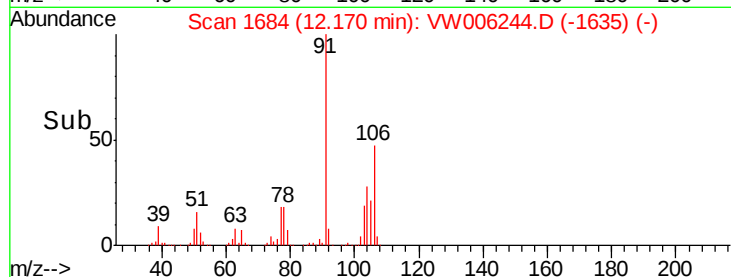
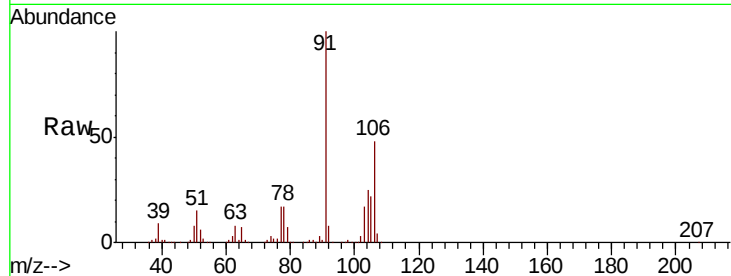




#69
o-Xylene
Concen: 54.865 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

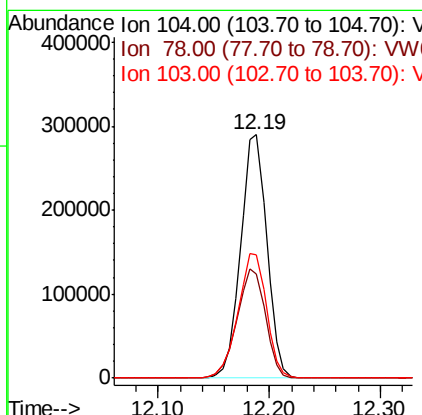
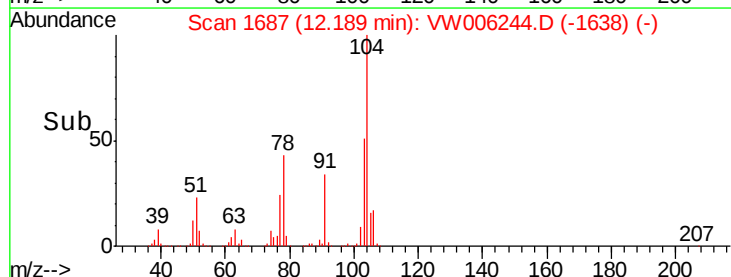
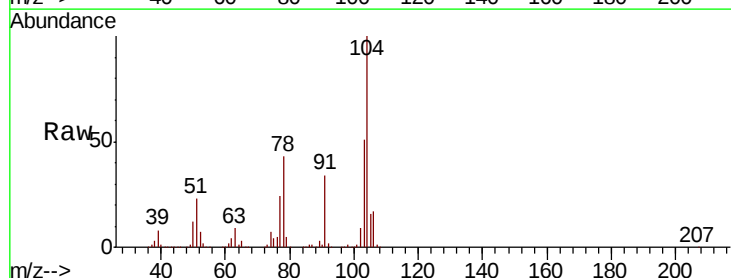
Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

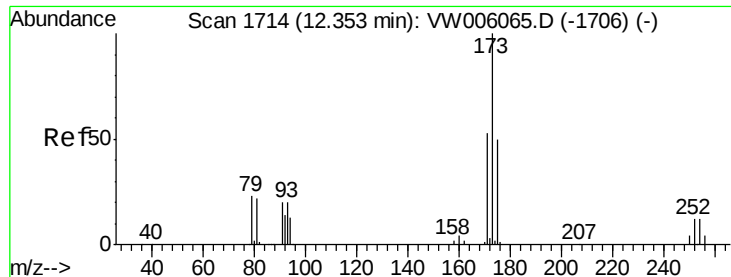
Tot Ion:106 Resp: 295991
Ion Ratio Lower Upper
106 100
91 207.8 105.4 316.1



#70
Styrene
Concen: 53.990 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion:104 Resp: 473644
Ion Ratio Lower Upper
104 100
78 48.7 39.1 58.7
103 55.6 44.3 66.5





#71

Bromoform

Concen: 51.112 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

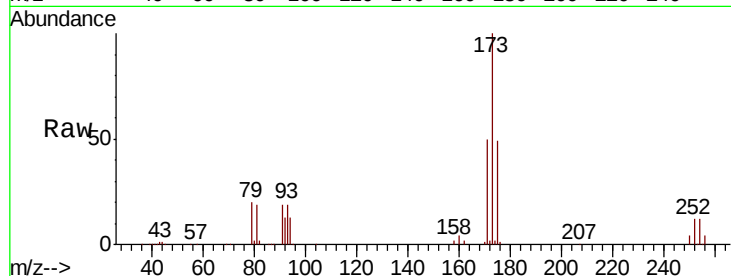
Tot Ion:173 Resp: 83727

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

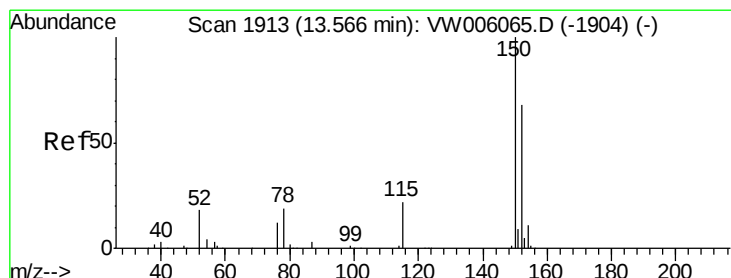
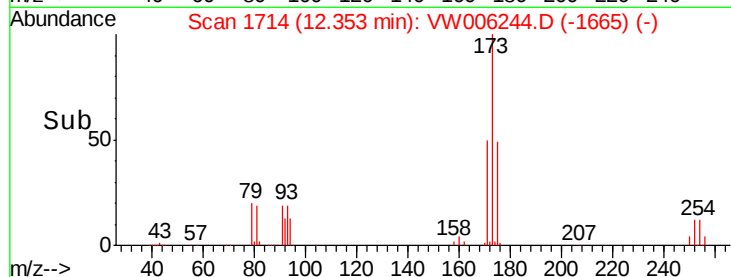
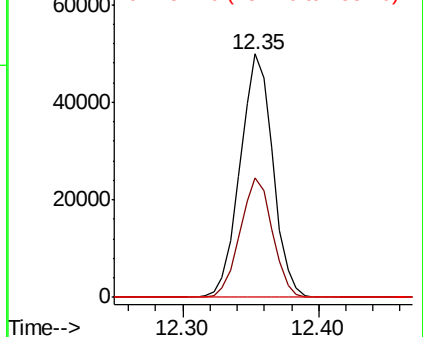
254 0.1 0.1 0.1



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: VW006244.D

Acq: 22 Oct 2018 11:49

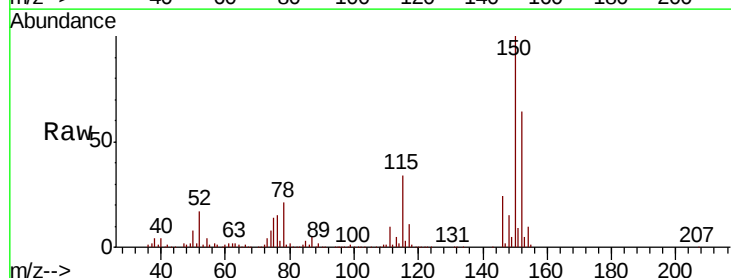
Tgt Ion:152 Resp: 215405

Ion Ratio Lower Upper

152 100

115 54.3 27.8 83.3

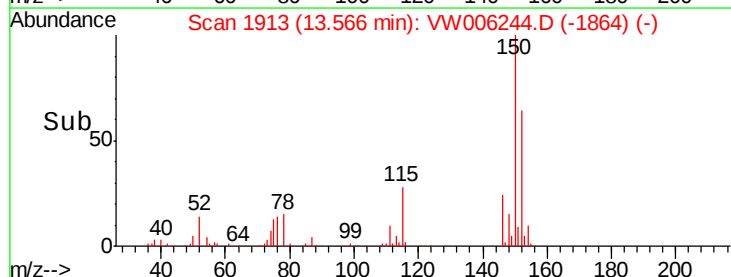
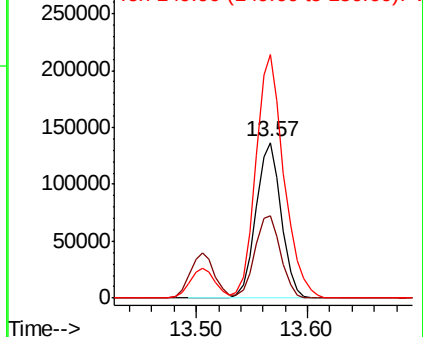
150 173.8 0.0 349.2

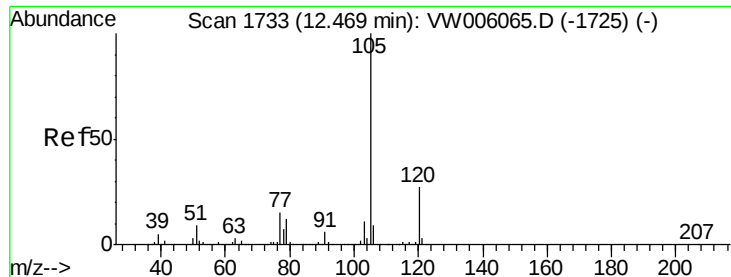


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.271 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

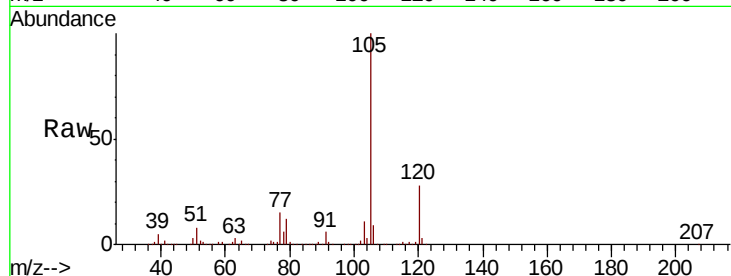
VSTDCCC050

Tot Ion:105 Resp: 841099

Ion Ratio Lower Upper

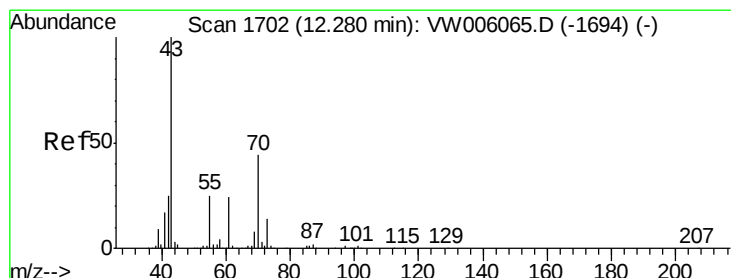
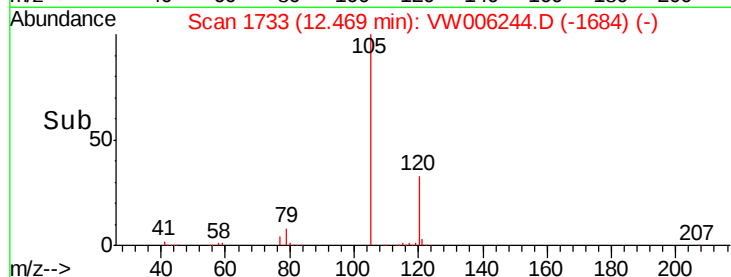
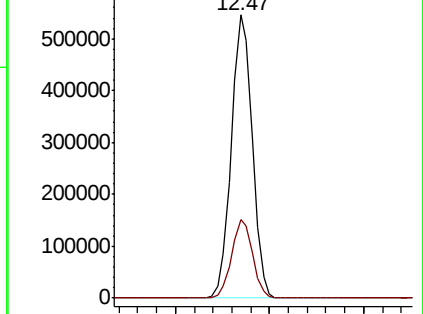
105 100

120 27.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.547 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Tgt Ion: 43 Resp: 137579

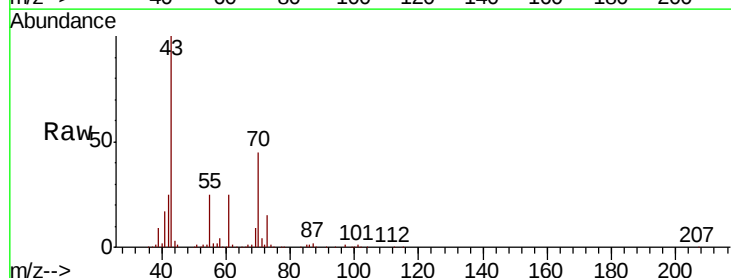
Ion Ratio Lower Upper

43 100

70 45.4 34.2 51.4

55 25.0 19.2 28.8

61 24.8 19.0 28.6

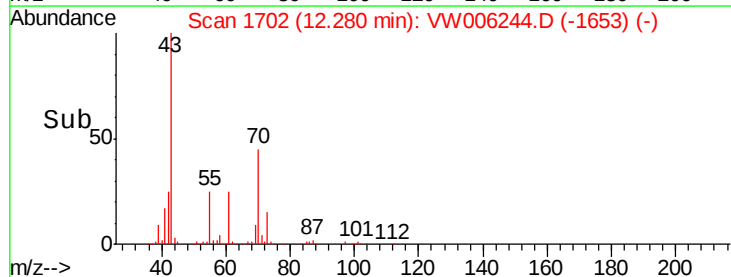
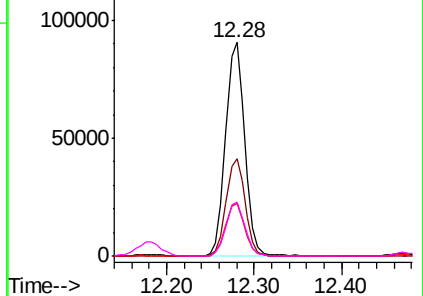


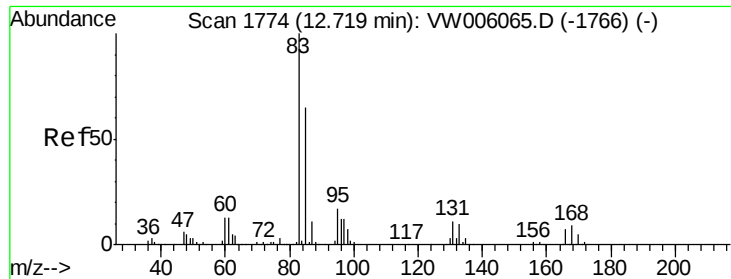
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 50.091 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

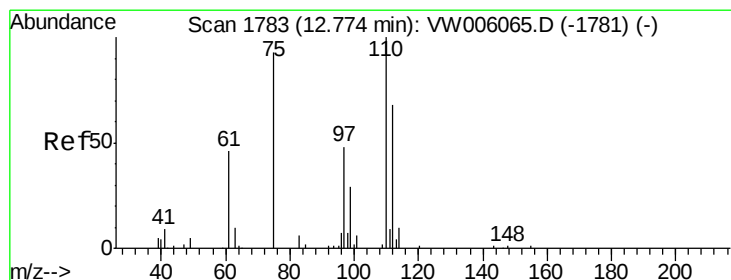
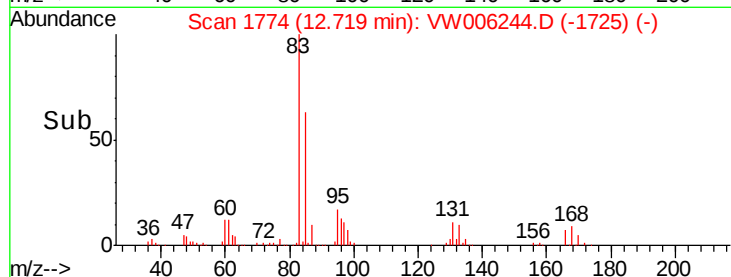
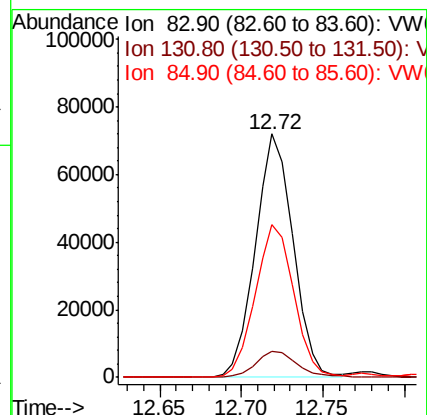
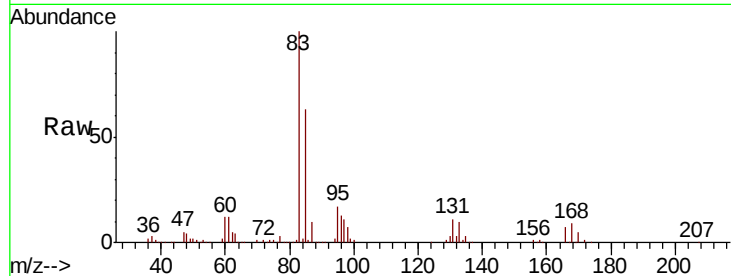
Tot Ion: 83 Resp: 115937

Ion Ratio Lower Upper

83 100

131 11.9 5.9 17.7

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 93.757 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006244.D

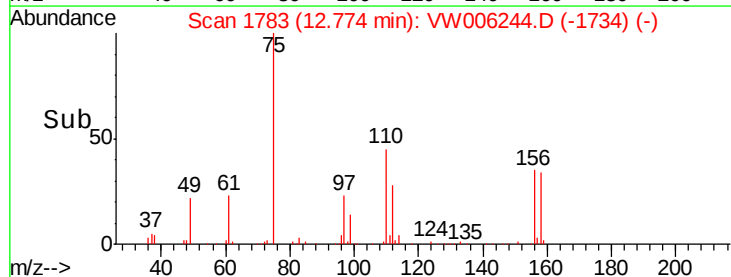
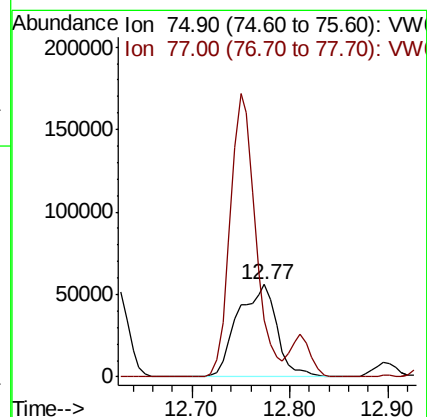
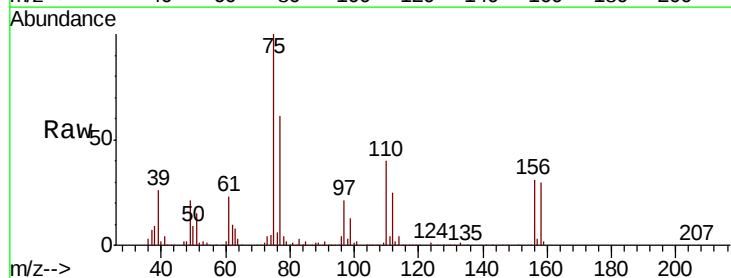
Acq: 22 Oct 2018 11:49

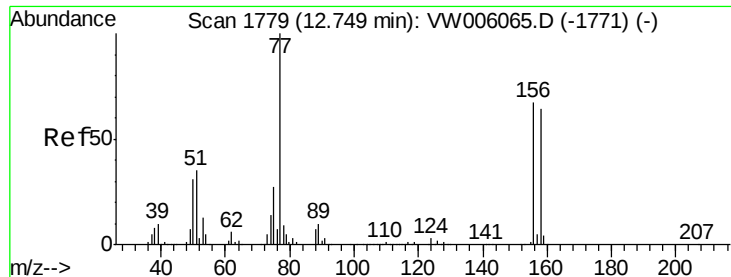
Tgt Ion: 75 Resp: 154255

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

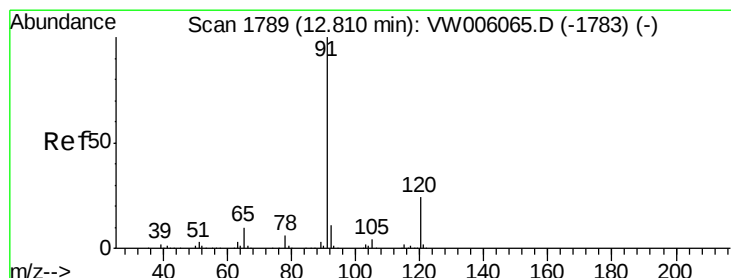
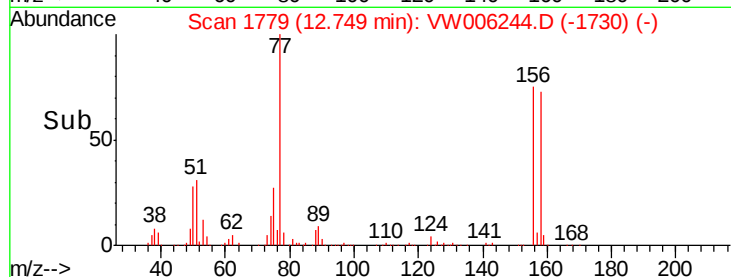
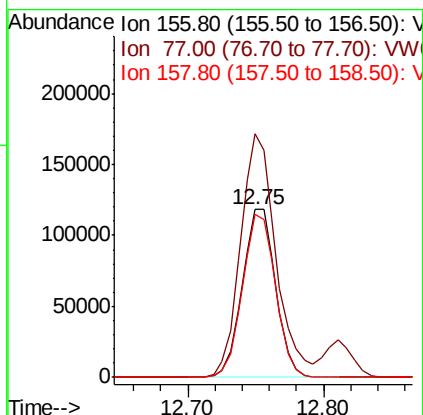
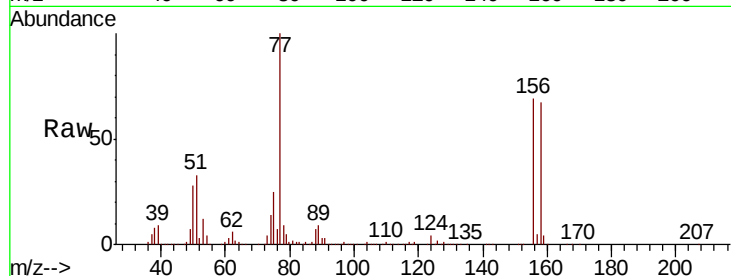




#77
Bromobenzene
Concen: 54.069 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

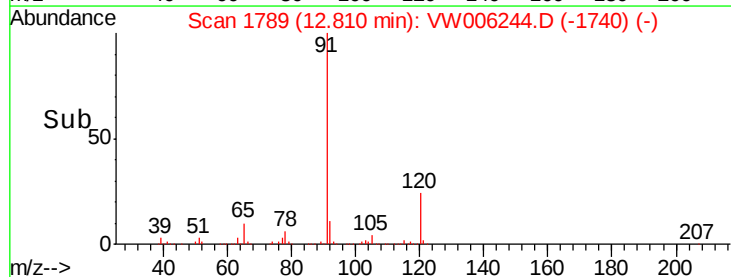
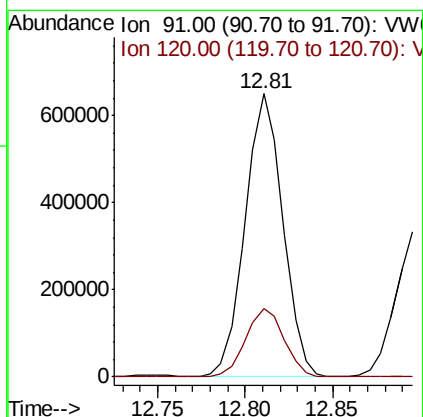
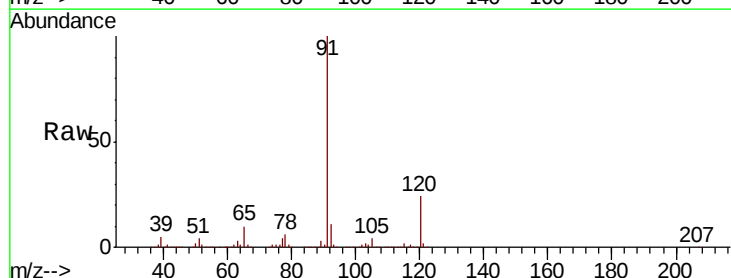
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

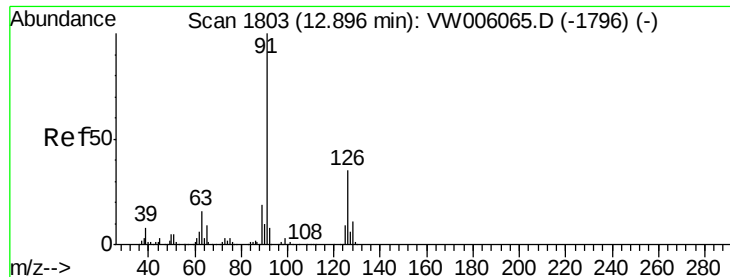
Tot Ion:156 Resp: 201533
Ion Ratio Lower Upper
156 100
77 154.3 79.1 237.4
158 96.7 48.5 145.6



#78
n-propylbenzene
Concen: 54.991 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 91 Resp: 973593
Ion Ratio Lower Upper
91 100
120 24.6 12.2 36.6





#79

2-Chlorotoluene

Concen: 54.766 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

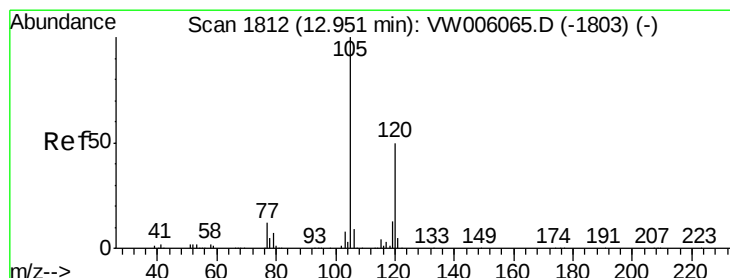
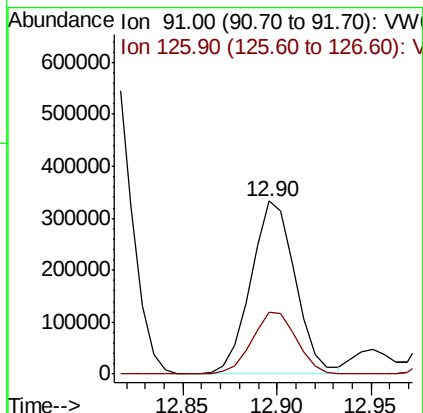
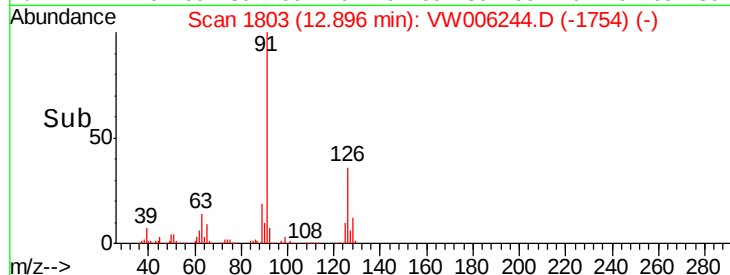
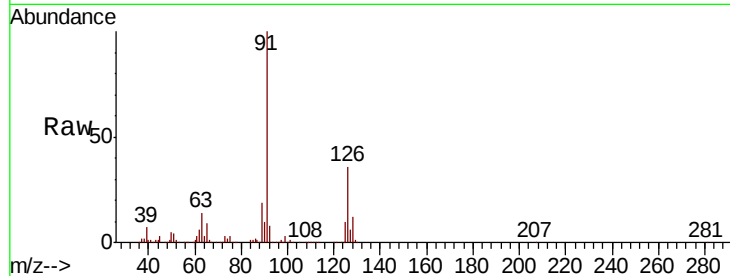
VSTDCCC050

Tot Ion: 91 Resp: 544780

Ion Ratio Lower Upper

91 100

126 36.1 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 54.817 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006244.D

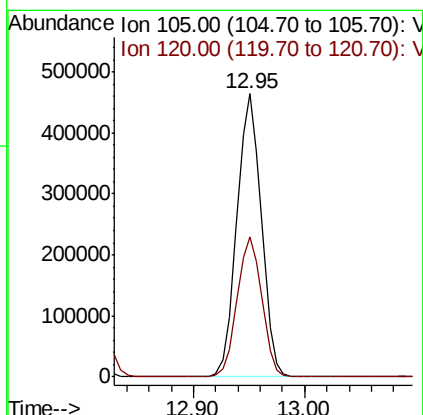
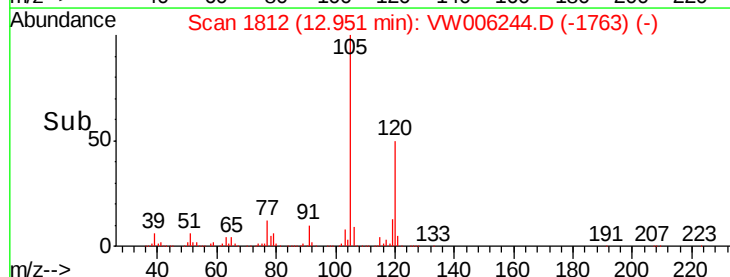
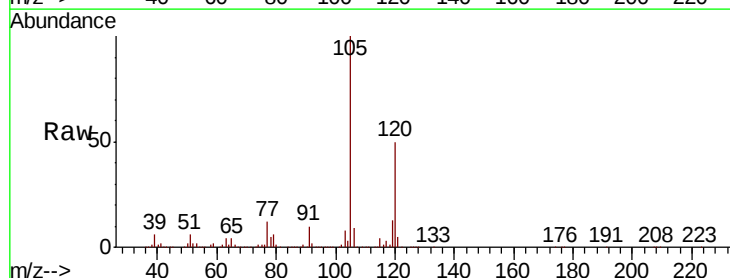
Acq: 22 Oct 2018 11:49

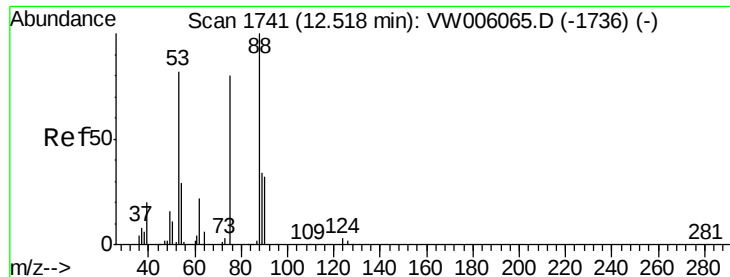
Tgt Ion:105 Resp: 703237

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.6

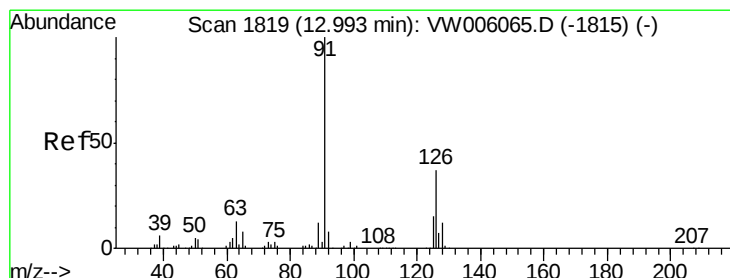
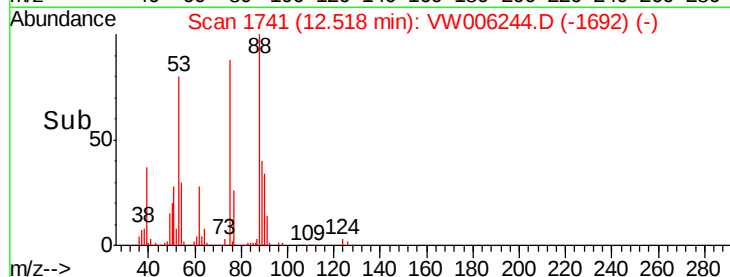
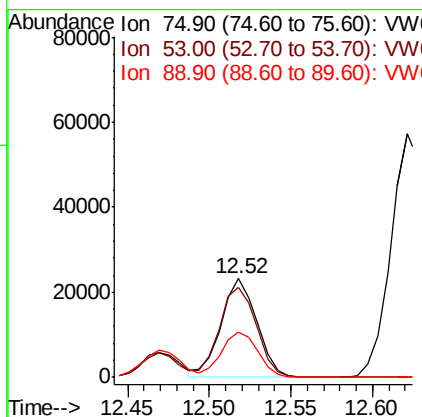
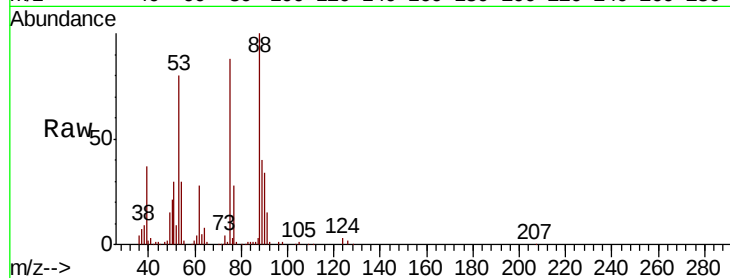




#81
trans-1,4-Dichloro-2-butene
Concen: 51.438 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

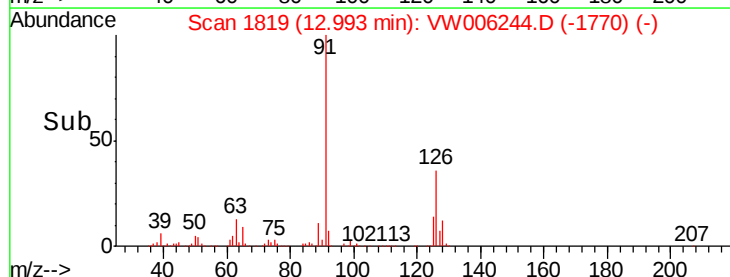
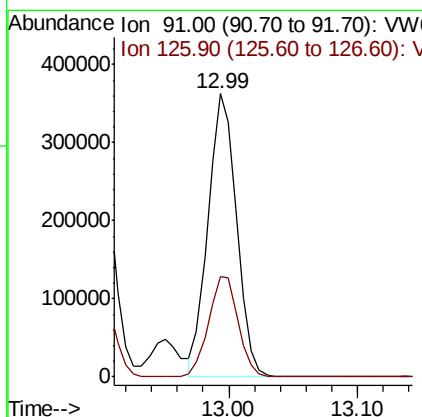
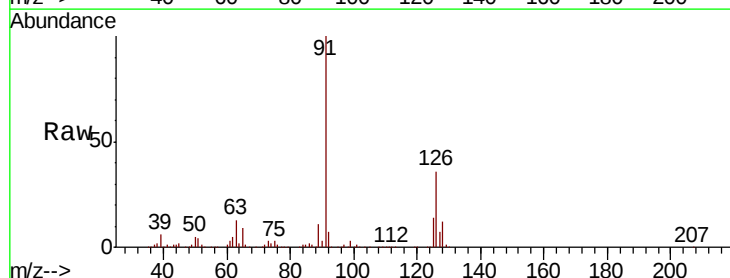
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

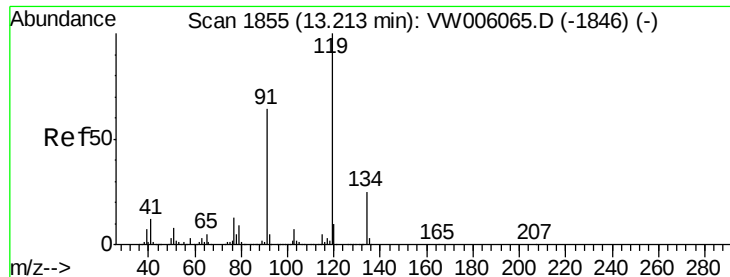
Tot Ion: 75 Resp: 35404
Ion Ratio Lower Upper
75 100
53 96.1 79.8 119.6
89 47.0 37.5 56.3



#82
4-Chlorotoluene
Concen: 53.886 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion: 91 Resp: 561507
Ion Ratio Lower Upper
91 100
126 37.0 18.1 54.3





#83

tert-Butylbenzene

Concen: 55.372 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

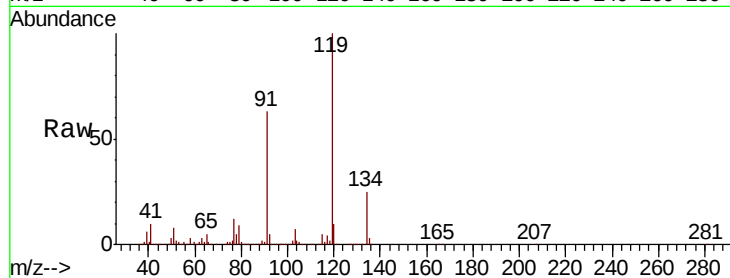
Tot Ion:119 Resp: 635563

Ion Ratio Lower Upper

119 100

91 63.7 32.3 96.9

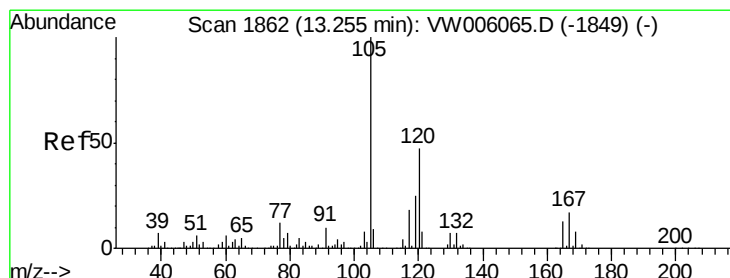
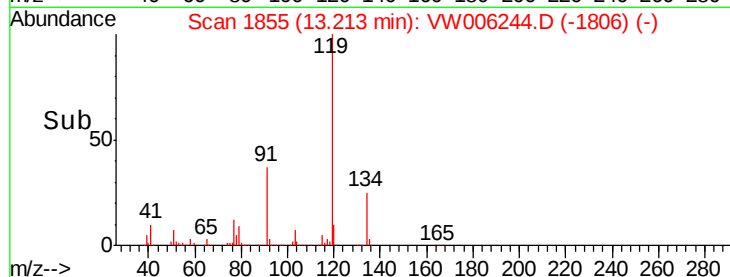
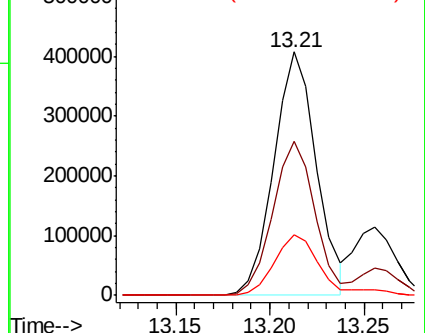
134 27.2 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.855 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW006244.D

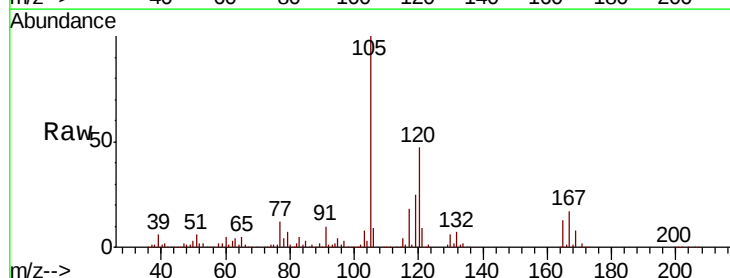
Acq: 22 Oct 2018 11:49

Tgt Ion:105 Resp: 712113

Ion Ratio Lower Upper

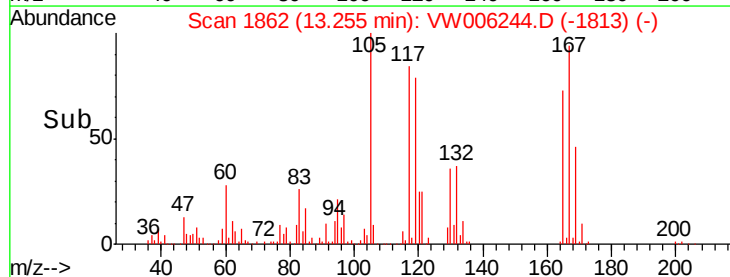
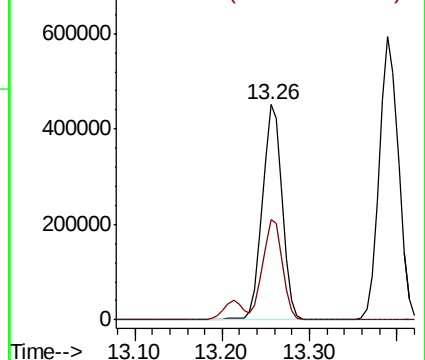
105 100

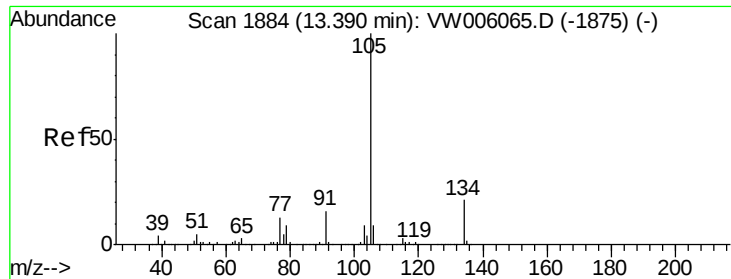
120 46.2 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.484 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

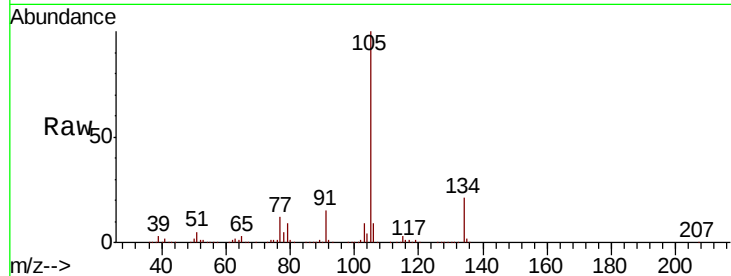
VSTDCCC050

Tot Ion:105 Resp: 899694

Ion Ratio Lower Upper

105 100

134 21.3 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.39

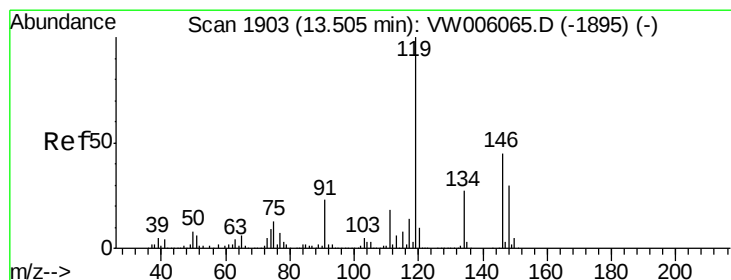
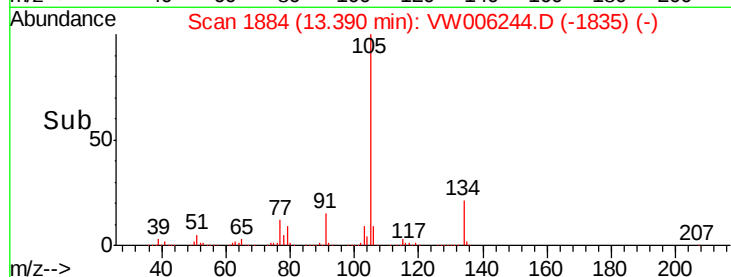
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.954 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

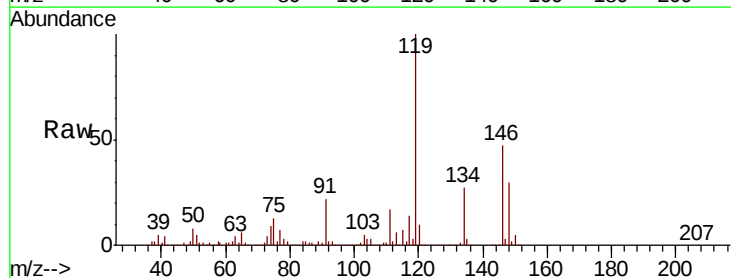
Tgt Ion:119 Resp: 820663

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 22.3 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.51

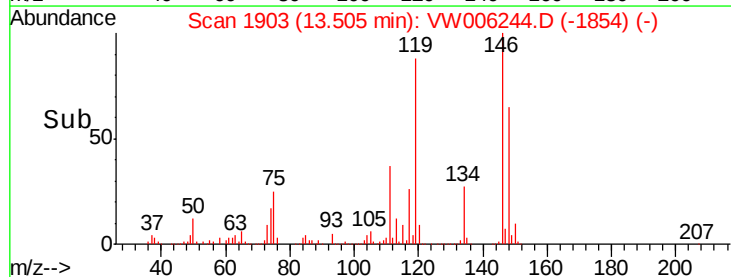
600000

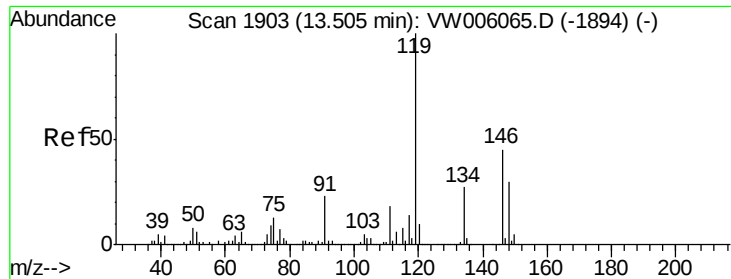
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 54.481 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

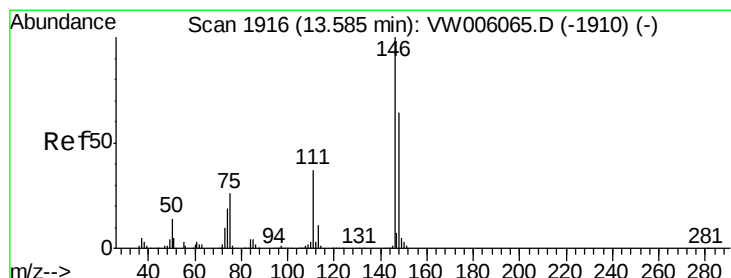
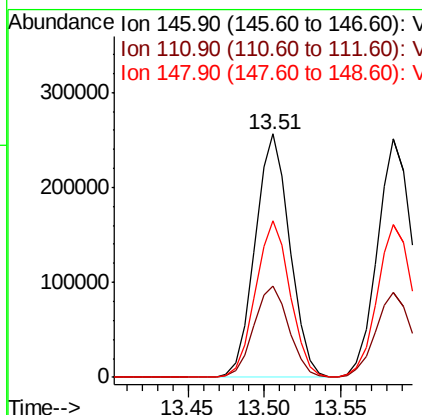
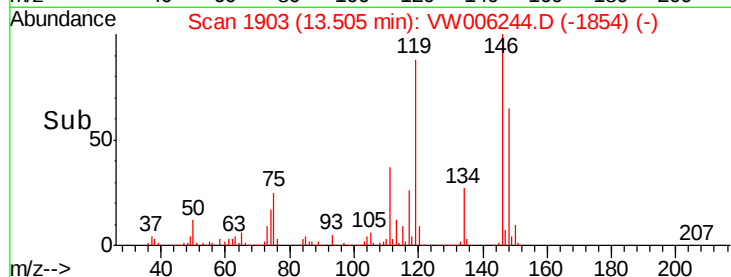
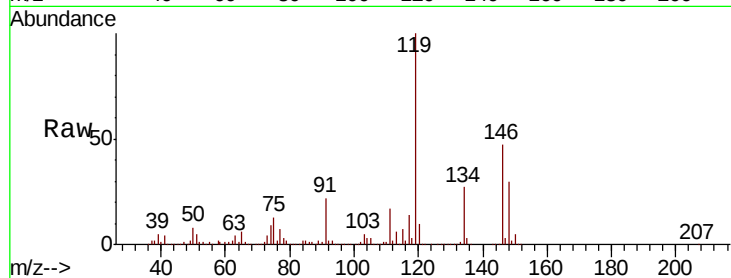
Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:146 Resp: 404139

Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	64.2	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 53.698 ug/l

RT: 13.58 min Scan# 1916

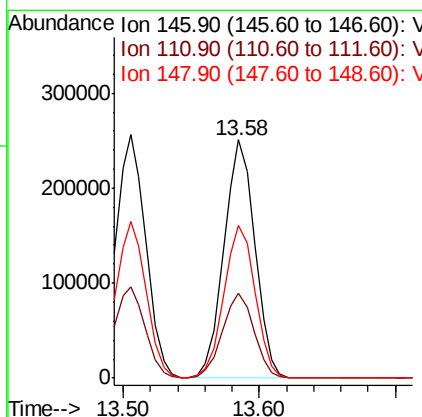
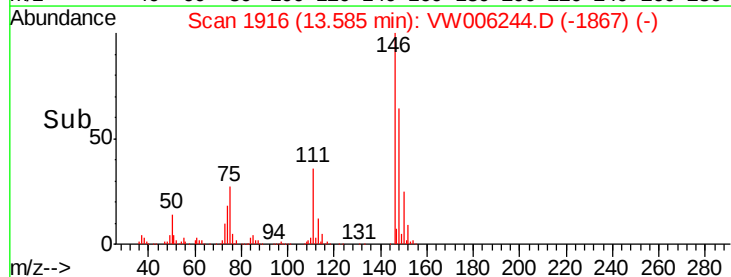
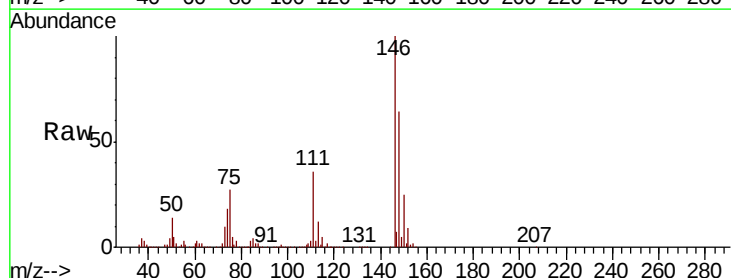
Delta R.T. 0.00 min

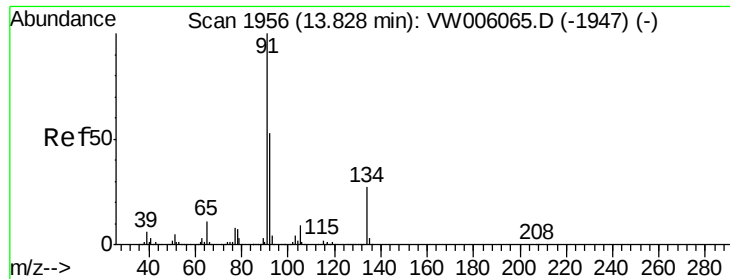
Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Tgt Ion:146 Resp: 396608

Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	56.0
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 55.576 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

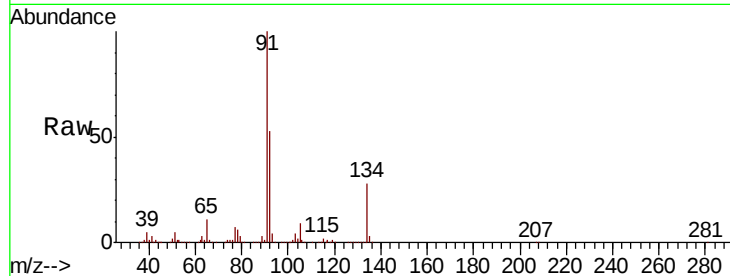
Tot Ion: 91 Resp: 745464

Ion Ratio Lower Upper

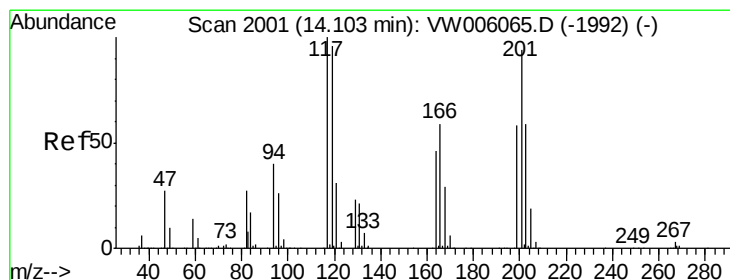
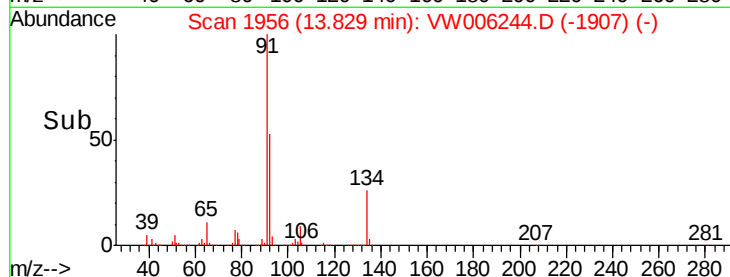
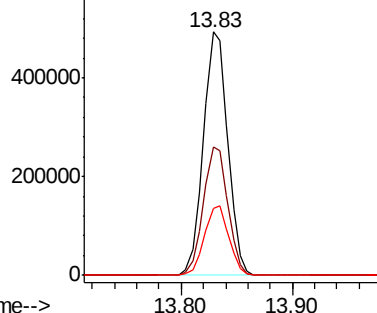
91 100

92 53.0 26.6 79.7

134 28.6 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: 55.638 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW006244.D

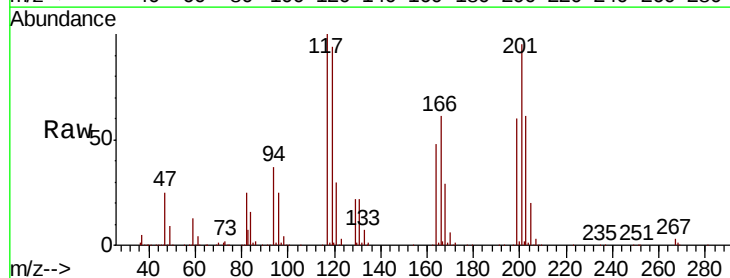
Acq: 22 Oct 2018 11:49

Tgt Ion: 117 Resp: 138224

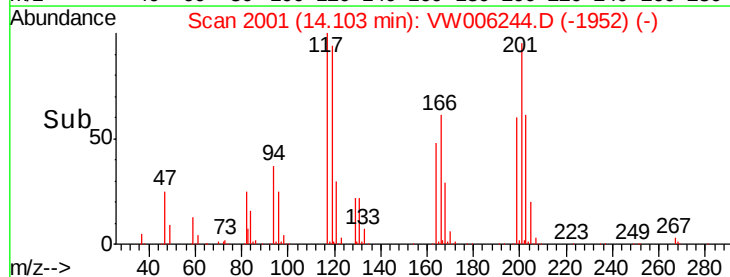
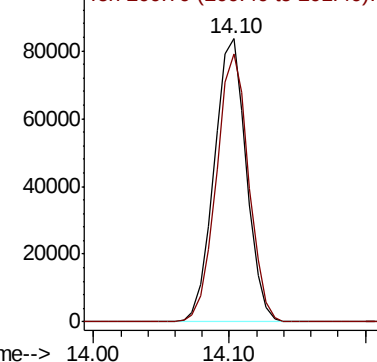
Ion Ratio Lower Upper

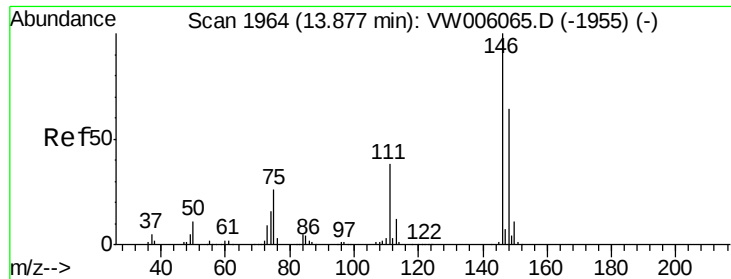
117 100

201 95.3 45.3 135.9



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





#91

1,2-Dichlorobenzene

Concen: 53.100 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

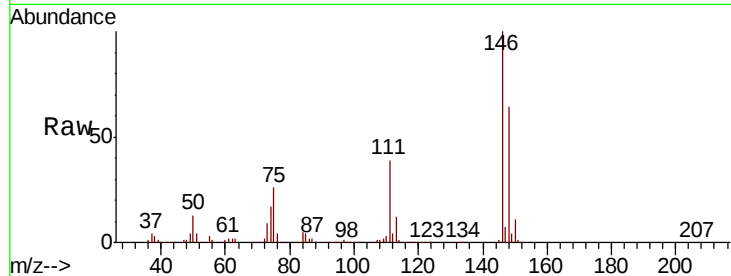
Tot Ion:146 Resp: 351352

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.7

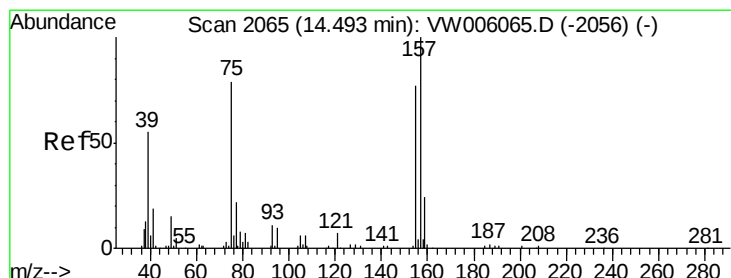
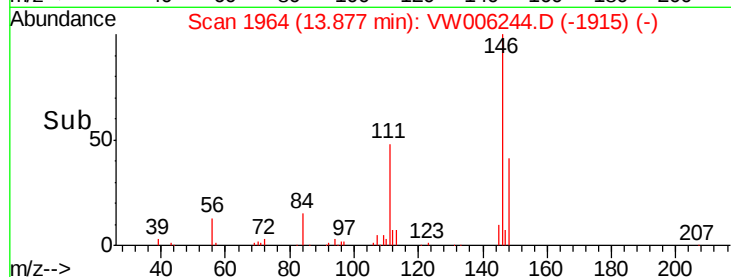
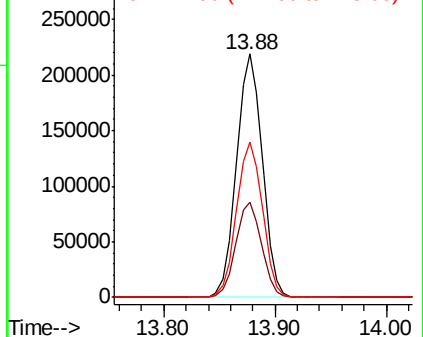
148 64.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.083 ug/l

RT: 14.49 min Scan# 2065

Delta R.T. 0.00 min

Lab File: VW006244.D

Acq: 22 Oct 2018 11:49

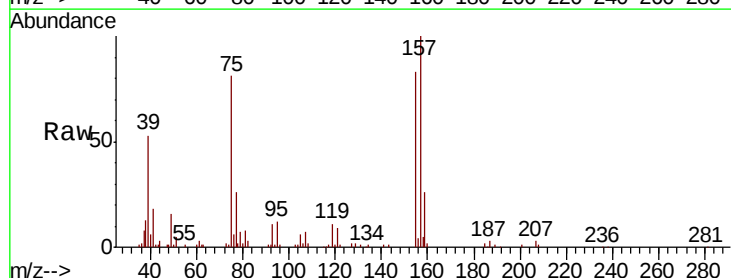
Tgt Ion: 75 Resp: 19511

Ion Ratio Lower Upper

75 100

155 97.8 46.5 139.5

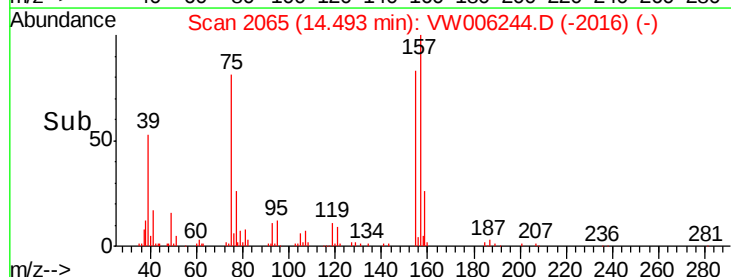
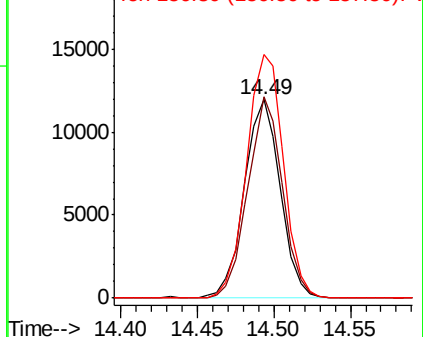
157 125.4 59.8 179.4

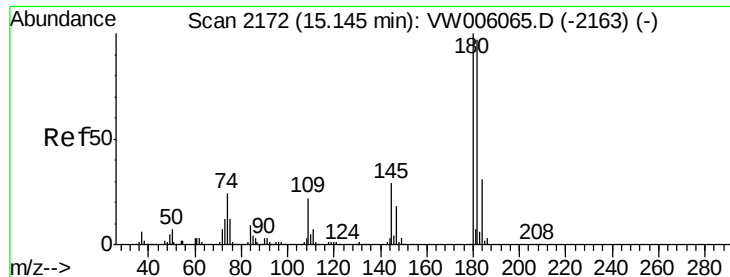


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

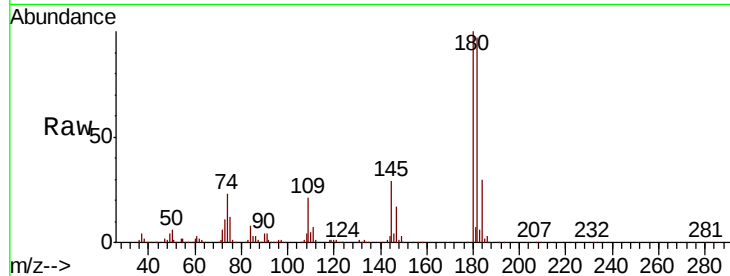




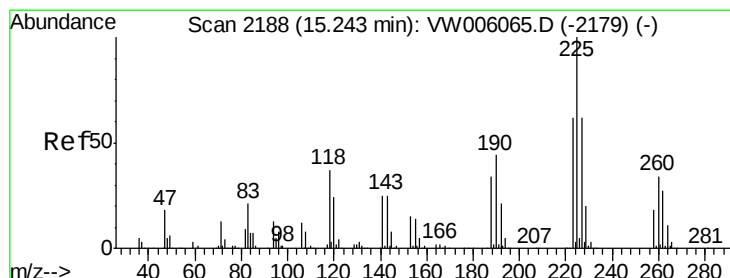
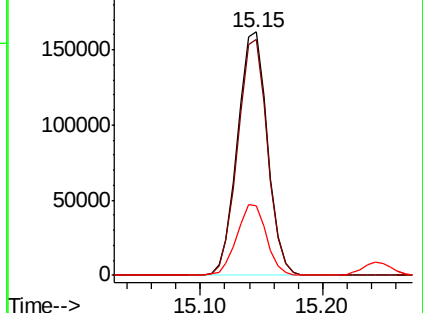
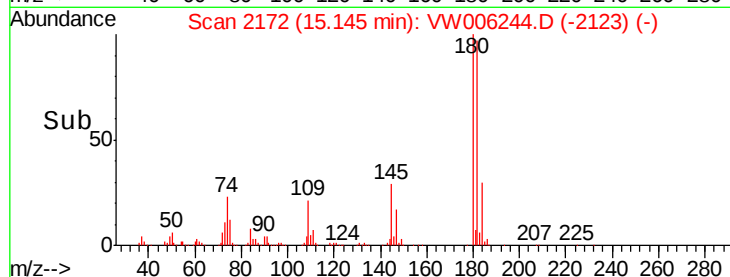
#93
 1,2,4-Trichlorobenzene
 Concen: 53.866 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 274245
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.6
 145 28.7 14.2 42.8

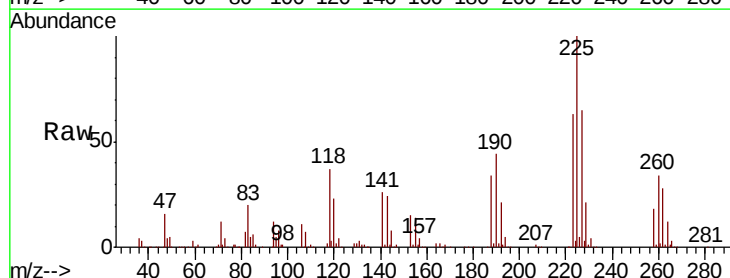


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

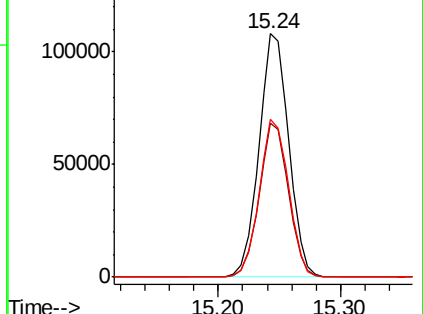
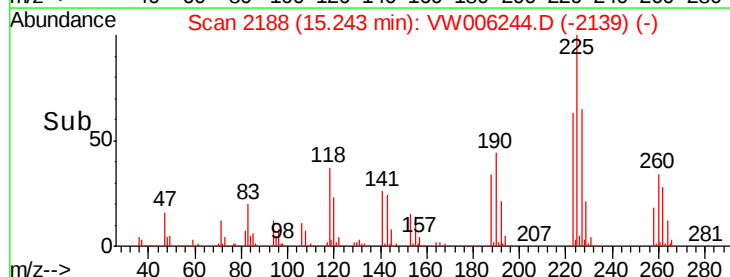


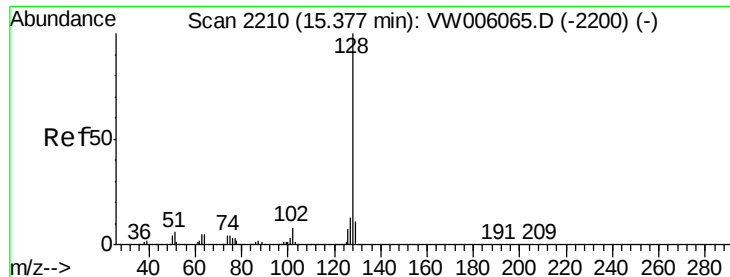
#94
 Hexachlorobutadiene
 Concen: 57.161 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006244.D
 Acq: 22 Oct 2018 11:49

Tgt Ion:225 Resp: 182818
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.5
 227 64.3 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

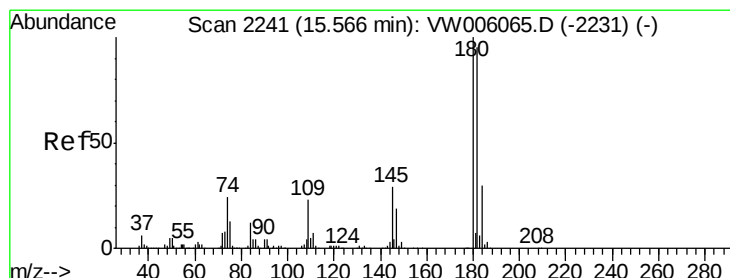
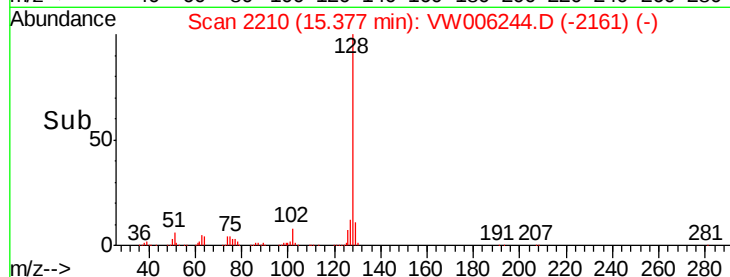
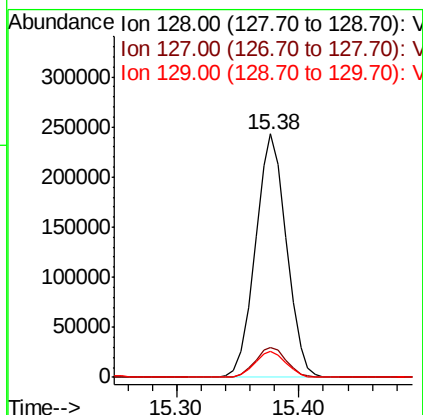
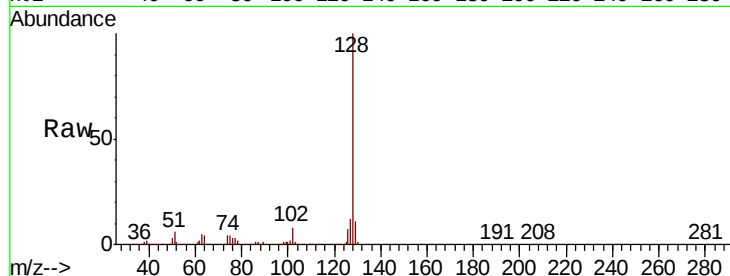




#95
Naphthalene
Concen: 50.527 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 427930
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.018 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006244.D
Acq: 22 Oct 2018 11:49

Tgt Ion:180 Resp: 233474
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 30.4 15.0 45.1

