

Data File : VW003502.D
Acq On : 24 Jun 2018 11:17
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Quant Time: Jun 24 23:22:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 05:18:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195447	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	140961	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.88	113	127851	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.33	98	516396	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.62	95	182074	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	56173	70.083	ug/l	89
3) Chloromethane	2.21	50	88220	43.563	ug/l	97
4) Vinyl Chloride	2.36	62	132087	44.742	ug/l	99
5) Bromomethane	2.78	94	82052	41.816	ug/l	96
6) Chloroethane	2.92	64	88365	43.001	ug/l	96
7) Trichlorofluoromethane	3.26	101	88967	50.303	ug/l	97
8) Diethyl Ether	3.68	74	60210	46.343	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119499	48.658	ug/l	98
10) Methyl Iodide	4.26	142	178861	48.156	ug/l	99
11) Tert butyl alcohol	5.23	59	14417	93.611	ug/l #	62
12) 1,1-Dichloroethene	4.03	96	114271	47.614	ug/l	97
13) Acrolein	3.90	56	52483	238.351	ug/l	98
14) Allyl chloride	4.66	41	203835	49.032	ug/l	99
15) Acrylonitrile	5.38	53	124820	233.507	ug/l	99
16) Acetone	4.15	43	147915	245.596	ug/l	100
17) Carbon Disulfide	4.37	76	329700	46.468	ug/l	99
18) Methyl Acetate	4.68	43	67935	47.548	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	217654	48.421	ug/l	99
20) Methylene Chloride	4.91	84	118260	45.925	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	125500	48.049	ug/l	98
22) Diisopropyl ether	6.31	45	415017	49.603	ug/l	97
23) Vinyl Acetate	6.26	43	1168277	242.309	ug/l	100
24) 1,1-Dichloroethane	6.21	63	241875	48.697	ug/l	98
25) 2-Butanone	7.19	43	185971	248.323	ug/l	99
26) 2,2-Dichloropropane	7.17	77	160969	48.560	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	138496	48.268	ug/l	97
28) Bromochloromethane	7.51	49	109789	53.117	ug/l	96
29) Tetrahydrofuran	7.54	42	108989	238.120	ug/l	99
30) Chloroform	7.68	83	245386	48.493	ug/l	98
31) Cyclohexane	7.96	56	217395	46.849	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	204211	48.891	ug/l	99
36) 1,1-Dichloropropene	8.09	75	196500	50.488	ug/l	99
37) Ethyl Acetate	7.26	43	74745	46.357	ug/l	99
38) Carbon Tetrachloride	8.07	117	191876	50.260	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	229255	50.907	ug/l	99
40) Benzene	8.32	78	533505	49.729	ug/l	100
41) Methacrylonitrile	7.49	41	48922	49.444	ug/l	96
42) 1,2-Dichloroethane	8.40	62	163542	48.656	ug/l	98
43) Isopropyl Acetate	8.43	43	150289	46.942	ug/l	99
44) Trichloroethene	9.09	130	139514	49.078	ug/l	99
45) 1,2-Dichloropropane	9.37	63	135345	49.549	ug/l	99
46) Dibromomethane	9.46	93	66996	47.906	ug/l	98
47) Bromodichloromethane	9.65	83	178265	49.729	ug/l	99
48) Methyl methacrylate	9.44	41	75752	50.347	ug/l	97
49) 1,4-Dioxane	9.49	88	20271	960.003	ug/l	90
51) 4-Methyl-2-Pentanone	10.21	43	399383	244.814	ug/l	99
52) Toluene	10.39	92	344808	50.121	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	181020	49.435	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	208806	50.100	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94501	47.954	ug/l	98
56) Ethyl methacrylate	10.65	69	119479	49.928	ug/l	98
57) 1,3-Dichloropropane	10.94	76	167007	49.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	276603	257.845	ug/l	97
59) 2-Hexanone	10.98	43	294661	258.552	ug/l	100
60) Dibromochloromethane	11.13	129	113648	48.494	ug/l	98
61) 1,2-Dibromoethane	11.24	107	89181	47.842	ug/l	98
64) Tetrachloroethene	10.87	164	119088	48.346	ug/l	98
65) Chlorobenzene	11.66	112	378356	49.335	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	131804	48.905	ug/l	100
67) Ethyl Benzene	11.74	91	688963	50.679	ug/l	99
68) m/p-Xylenes	11.85	106	523274	101.257	ug/l	100
69) o-Xylene	12.17	106	243831	50.911	ug/l	99
70) Styrene	12.19	104	407356	51.099	ug/l	100
71) Bromoform	12.35	173	65383	46.810	ug/l #	98
73) Isopropylbenzene	12.47	105	697151	51.283	ug/l	100
74) N-amyl acetate	12.28	43	151455	48.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	110210	47.921	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	152307	91.156	ug/l #	100
77) Bromobenzene	12.76	156	151993	48.009	ug/l	96
78) n-propylbenzene	12.81	91	850700	51.106	ug/l	99
79) 2-Chlorotoluene	12.90	91	472900	50.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	580313	50.858	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	33772	46.510	ug/l	94
82) 4-Chlorotoluene	12.99	91	500186	50.124	ug/l	100
83) tert-Butylbenzene	13.21	119	500373	51.456	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	595047	50.696	ug/l	99
85) sec-Butylbenzene	13.39	105	735113	50.858	ug/l	99
86) p-Isopropyltoluene	13.51	119	651470	51.101	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	318676	48.998	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	313884	48.546	ug/l	99
89) n-Butylbenzene	13.83	91	636669	51.234	ug/l	100
90) Hexachloroethane	14.10	117	114801	49.779	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	279206	49.009	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18556	47.945	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
Quantitation Report (Not Reviewed)

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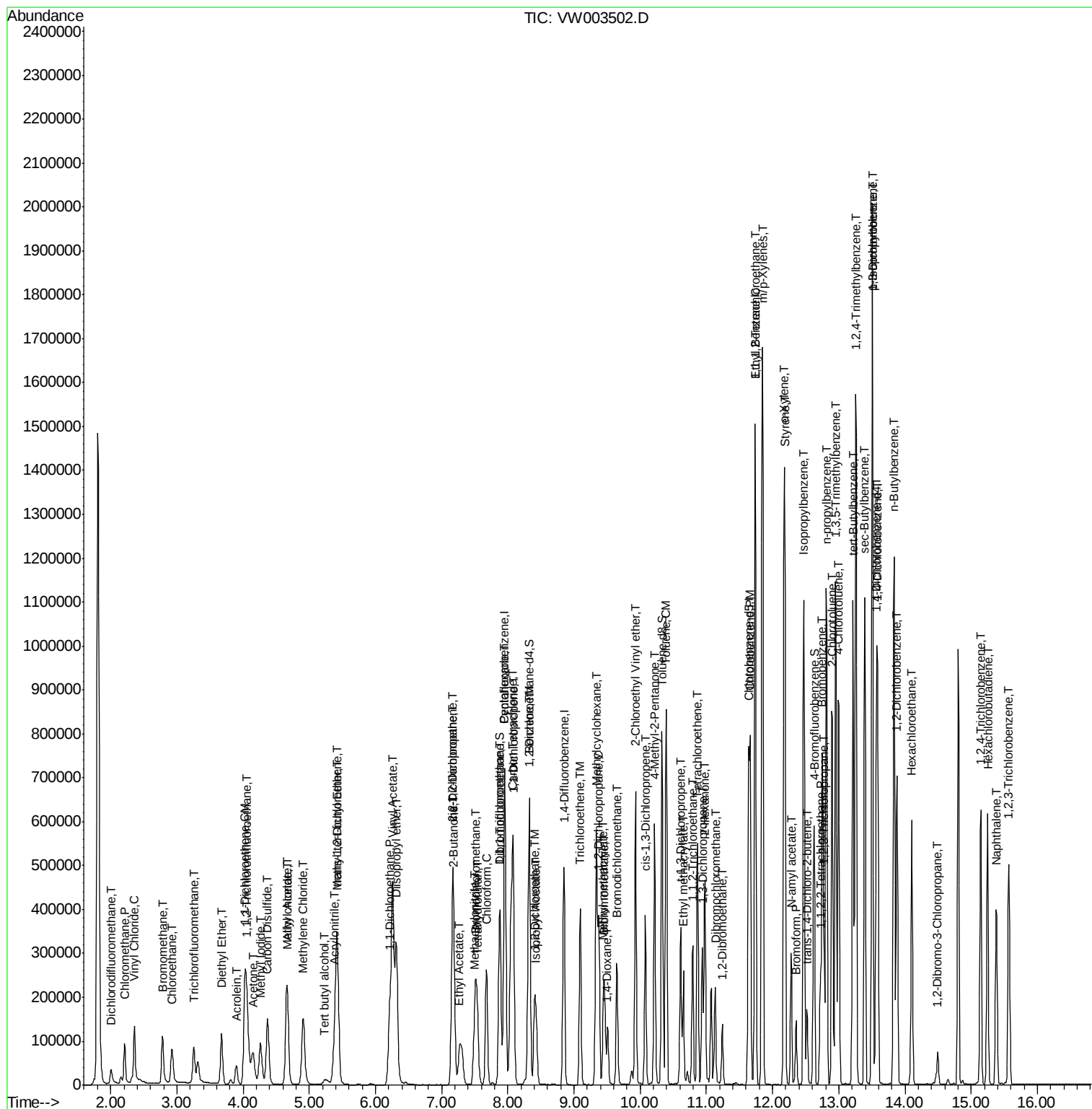
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	196977	49.251	ug/l	99
94) Hexachlorobutadiene	15.25	225	114205	47.471	ug/l	98
95) Naphthalene	15.38	128	335466	49.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	169517	48.153	ug/l	99

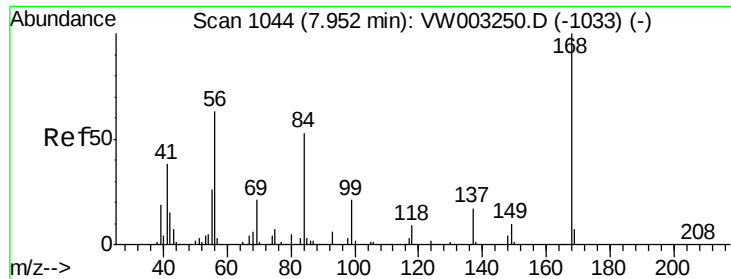
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

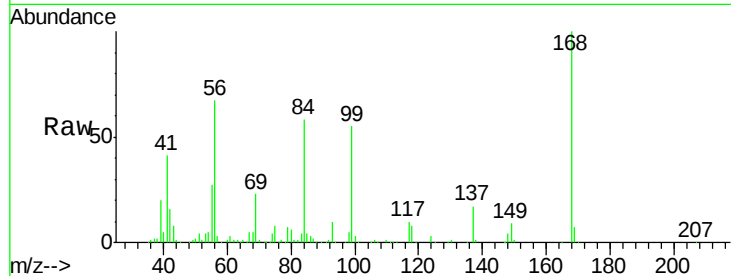
VSTDCCC050

Tgt Ion:168 Resp: 265119

Ion Ratio Lower Upper

168 100

99 55.4 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

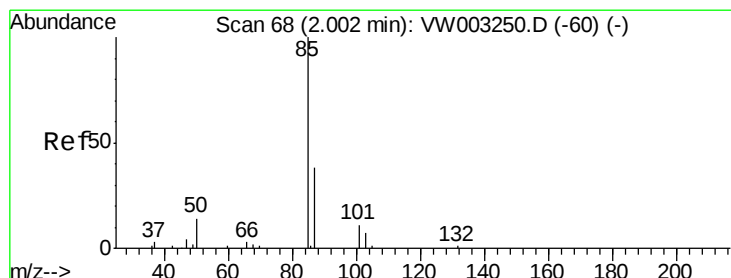
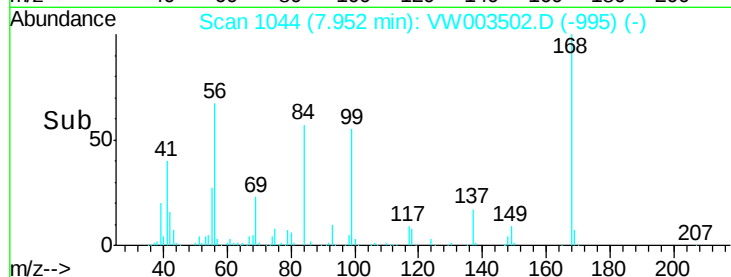
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 70.083 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003502.D

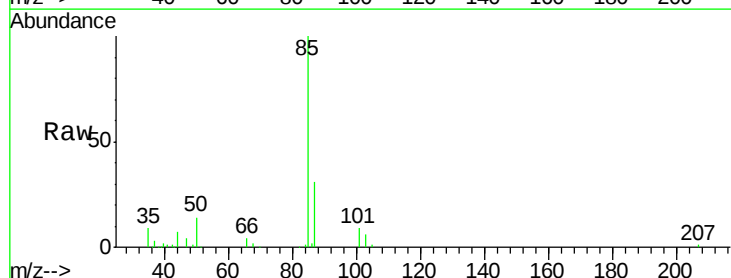
Acq: 24 Jun 2018 11:17

Tgt Ion: 85 Resp: 56173

Ion Ratio Lower Upper

85 100

87 31.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

20000

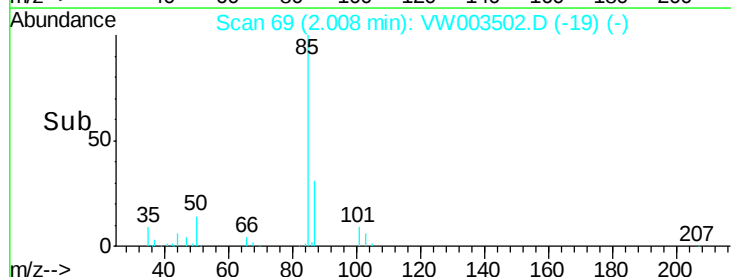
15000

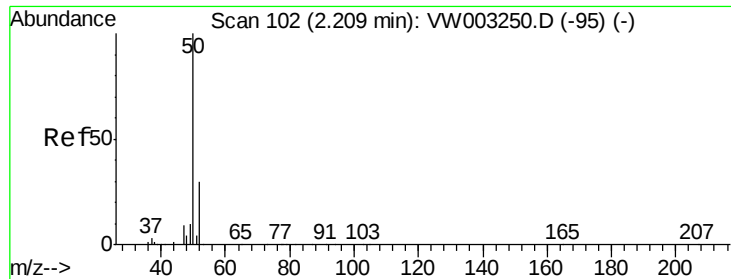
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 43.563 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

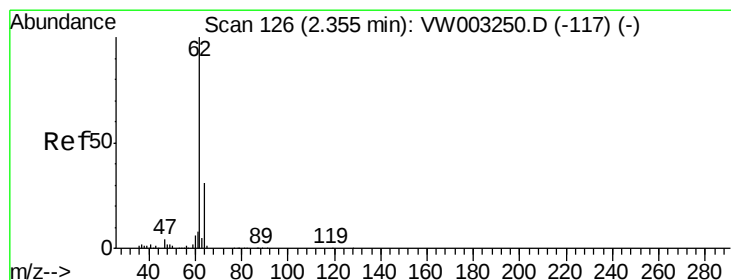
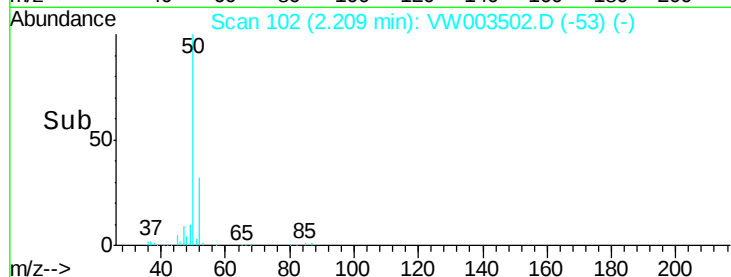
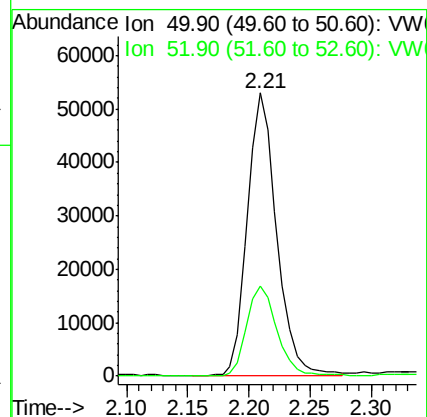
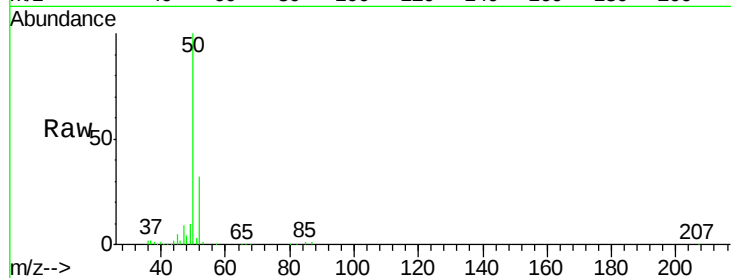
VSTDCCC050

Tgt Ion: 50 Resp: 88220

Ion Ratio Lower Upper

50 100

52 31.7 24.2 36.2



#4

Vinyl Chloride

Concen: 44.742 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003502.D

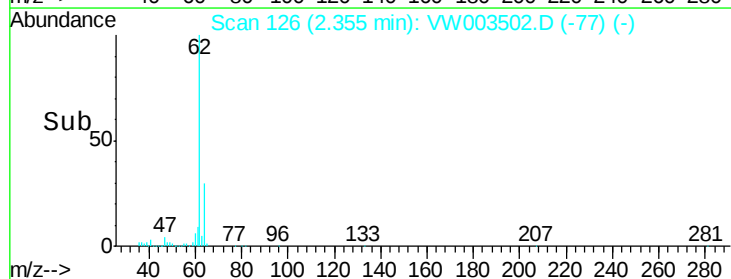
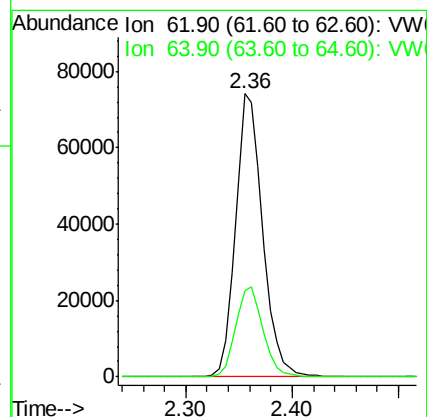
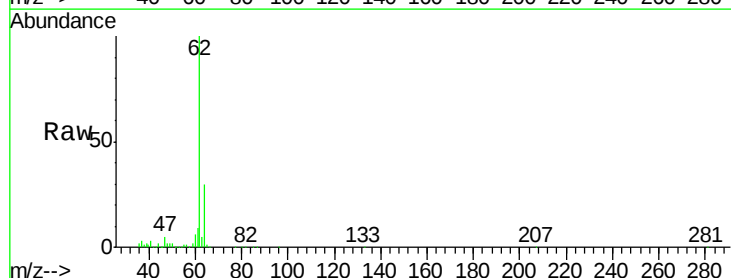
Acq: 24 Jun 2018 11:17

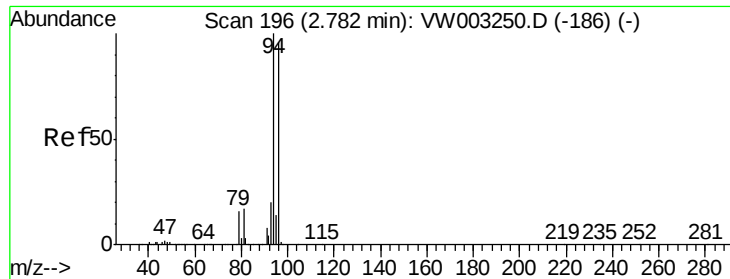
Tgt Ion: 62 Resp: 132087

Ion Ratio Lower Upper

62 100

64 30.3 24.9 37.3





#5

Bromomethane

Concen: 41.816 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

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ClientSampleId :

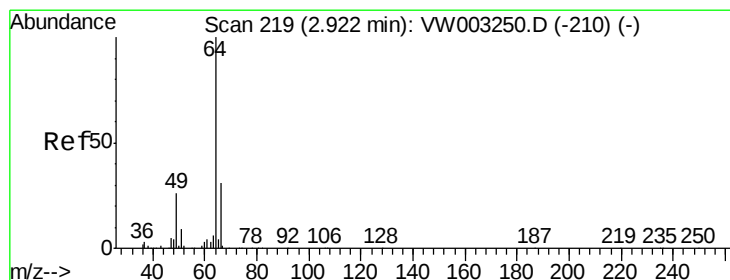
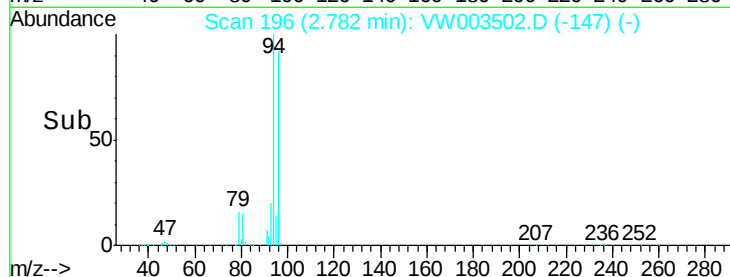
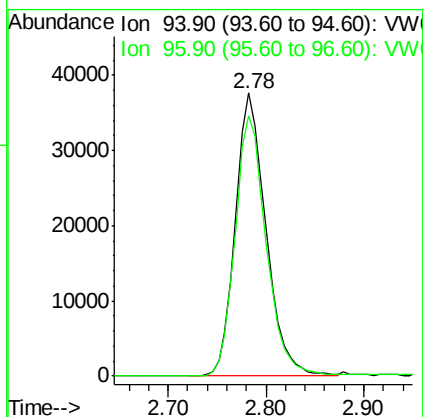
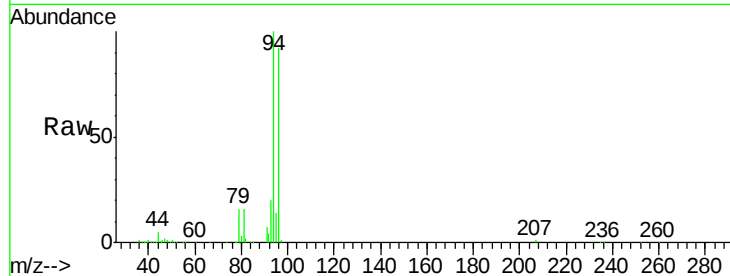
VSTDCCC050

Tgt Ion: 94 Resp: 82052

Ion Ratio Lower Upper

94 100

96 91.9 76.5 114.7



#6

Chloroethane

Concen: 43.001 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003502.D

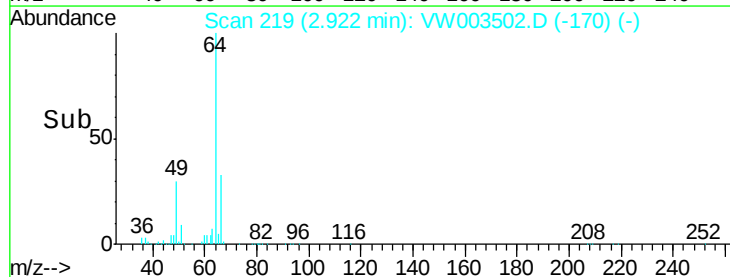
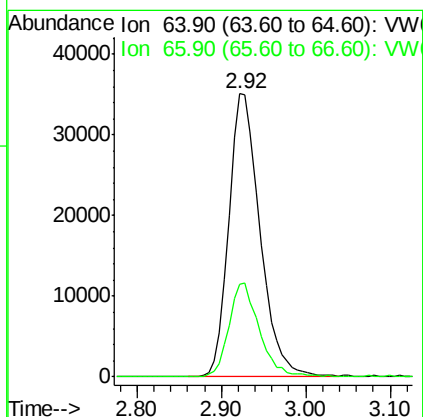
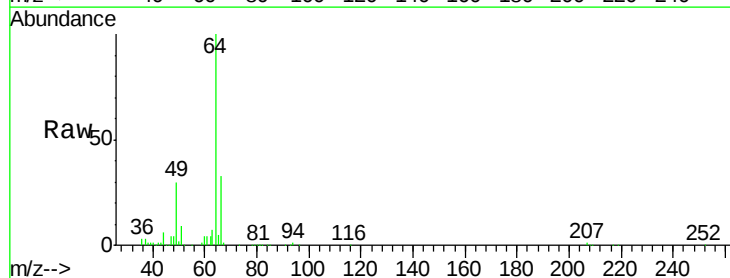
Acq: 24 Jun 2018 11:17

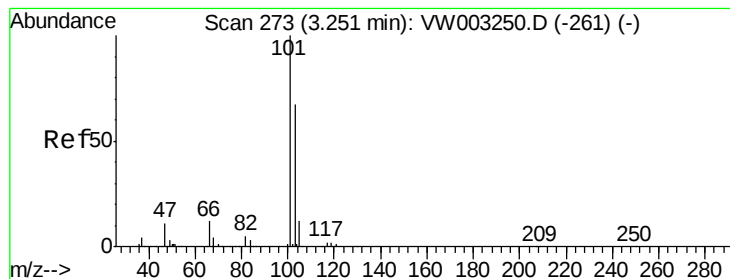
Tgt Ion: 64 Resp: 88365

Ion Ratio Lower Upper

64 100

66 32.6 24.4 36.6



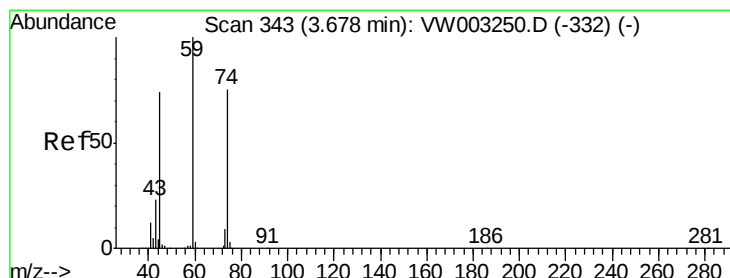
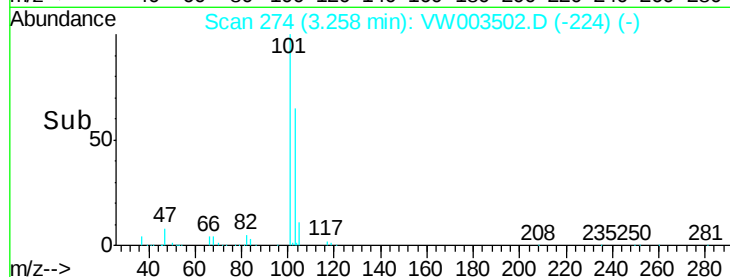
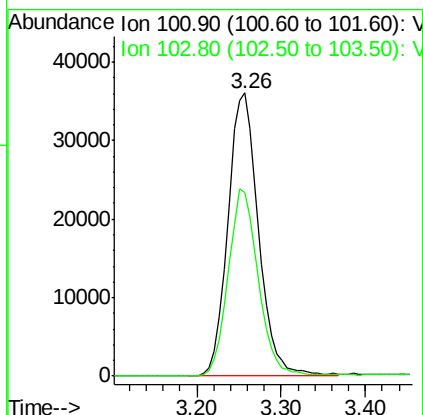
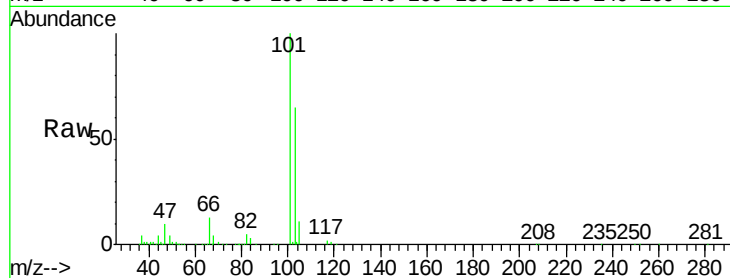


#7

Trichlorofluoromethane
 Concen: 50.303 ug/l
 RT: 3.26 min Scan# 274
 Delta R.T. 0.01 min
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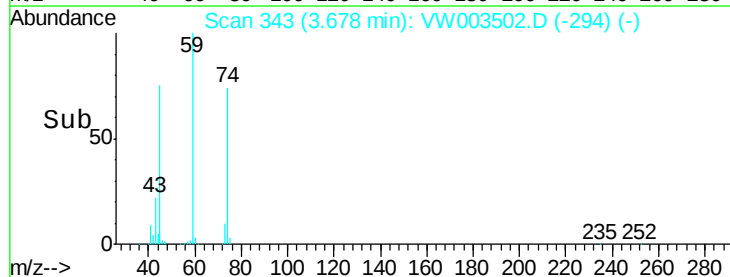
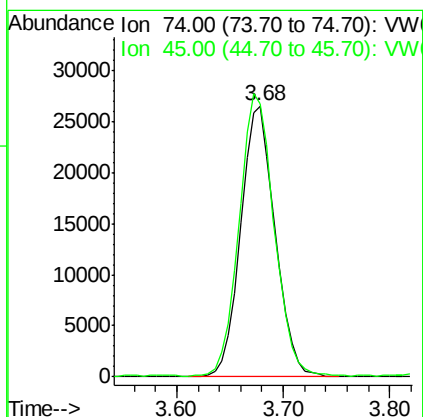
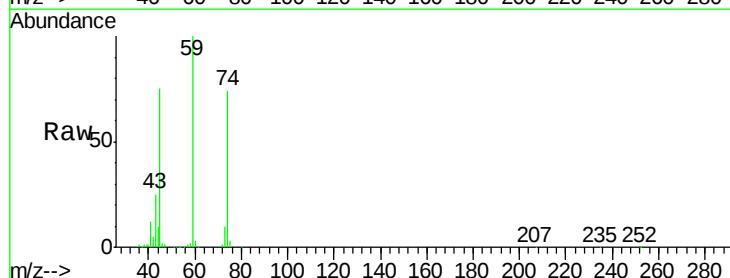
Tgt Ion:101 Resp: 88967
 Ion Ratio Lower Upper
 101 100
 103 64.7 53.4 80.0

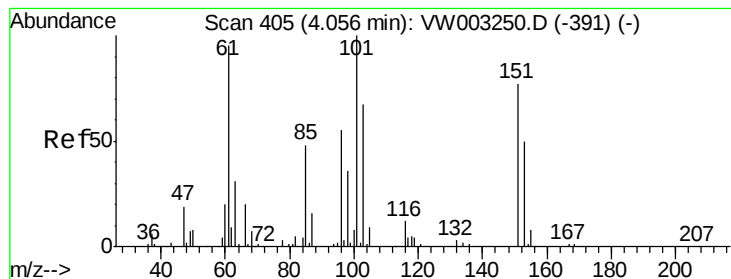


#8

Diethyl Ether
 Concen: 46.343 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 74 Resp: 60210
 Ion Ratio Lower Upper
 74 100
 45 105.8 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.658 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

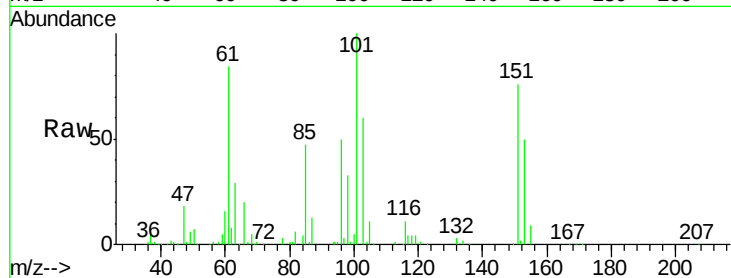
Tgt Ion:101 Resp: 119499

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

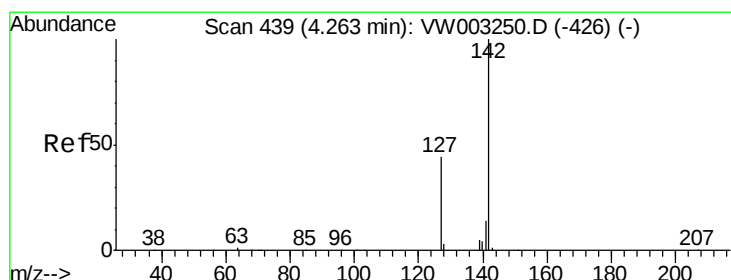
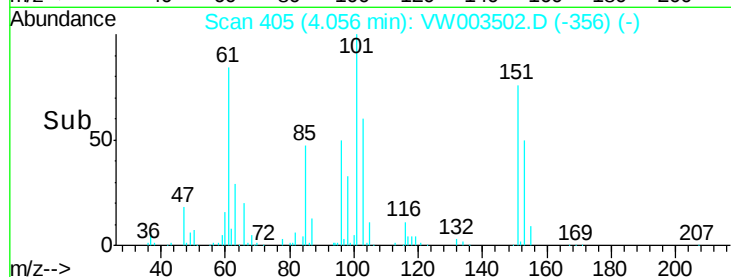
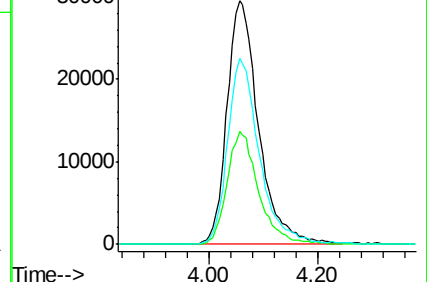
151 76.6 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.156 ug/l

RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

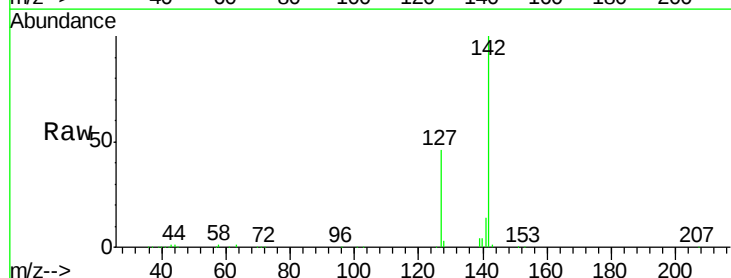
Tgt Ion:142 Resp: 178861

Ion Ratio Lower Upper

142 100

127 45.0 36.5 54.7

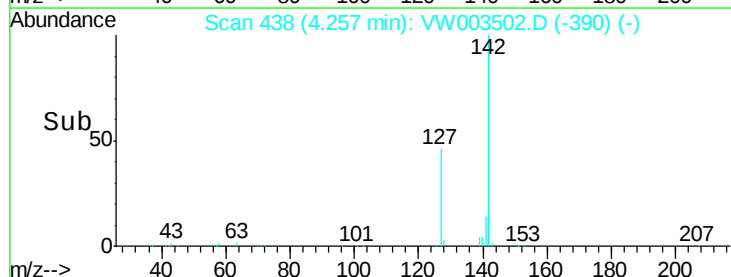
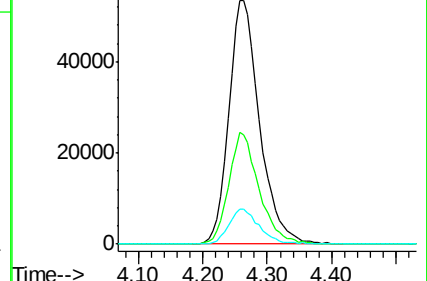
141 14.3 12.1 18.1

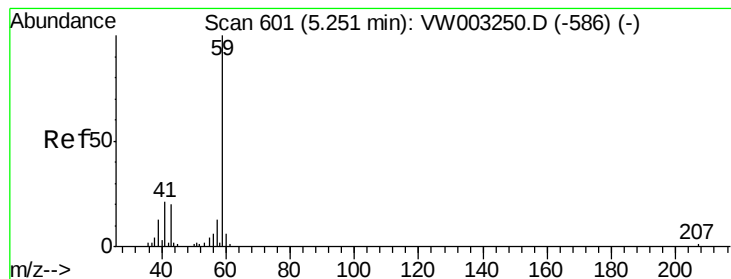


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 93.611 ug/l

RT: 5.23 min Scan# 598

Delta R.T. -0.02 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

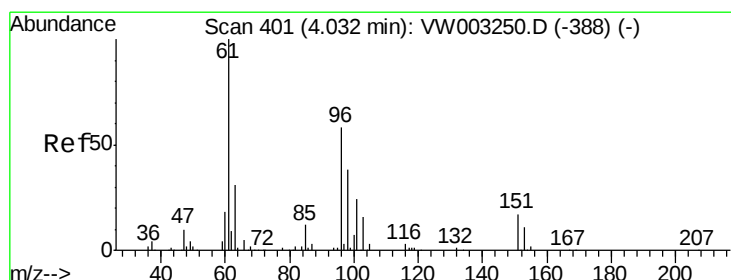
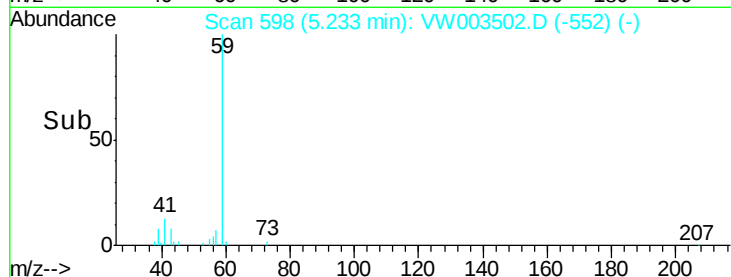
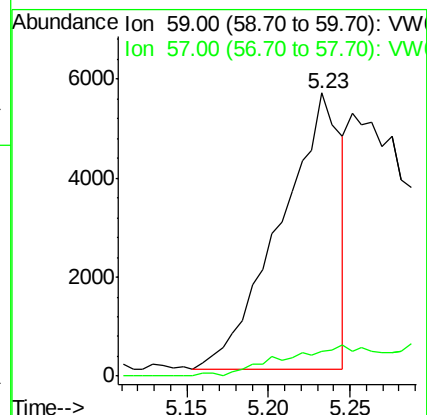
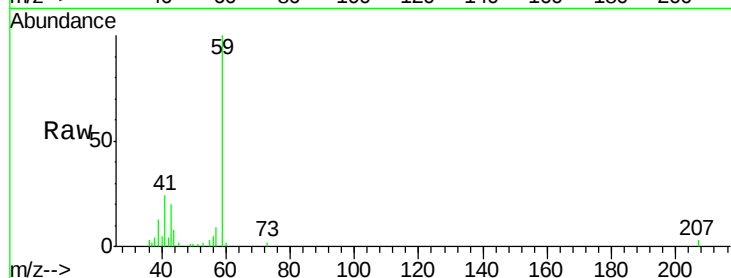
VSTDCCC050

Tgt Ion: 59 Resp: 14417

Ion Ratio Lower Upper

59 100

57 17.7 4.2 6.2#



#12

1,1-Dichloroethene

Concen: 47.614 ug/l

RT: 4.03 min Scan# 400

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

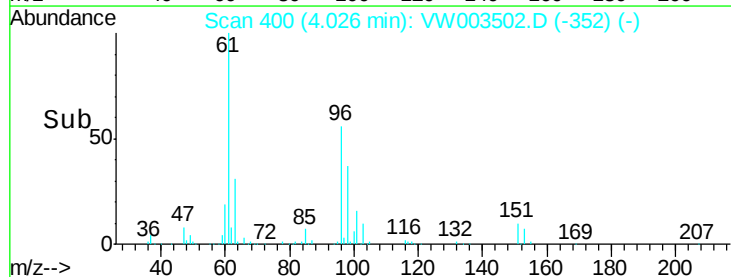
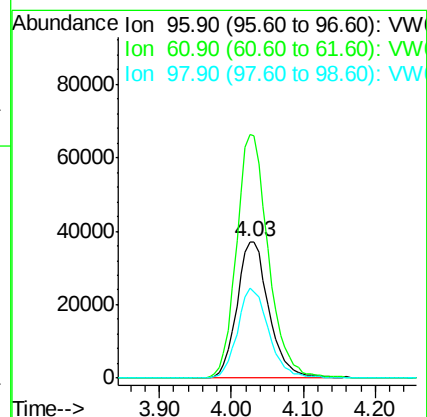
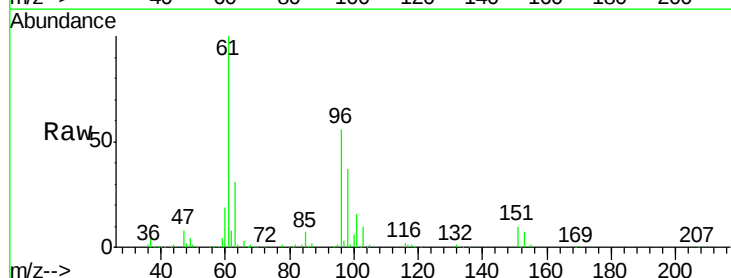
Tgt Ion: 96 Resp: 114271

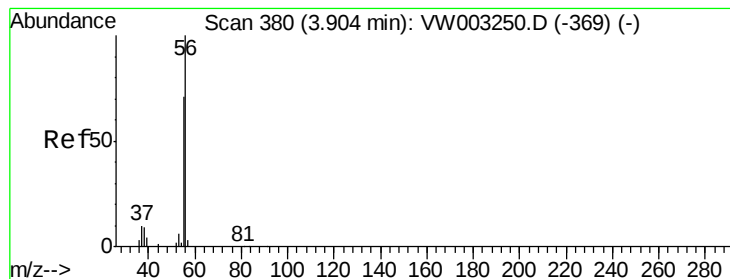
Ion Ratio Lower Upper

96 100

61 178.4 139.0 208.4

98 66.2 53.3 79.9





#13

Acrolein

Concen: 238.351 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

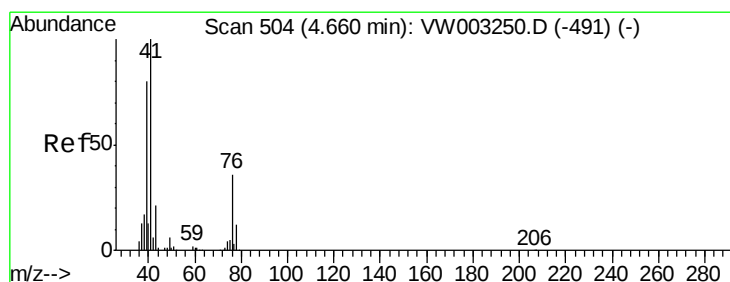
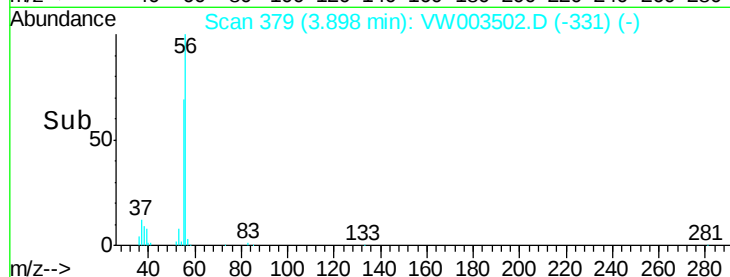
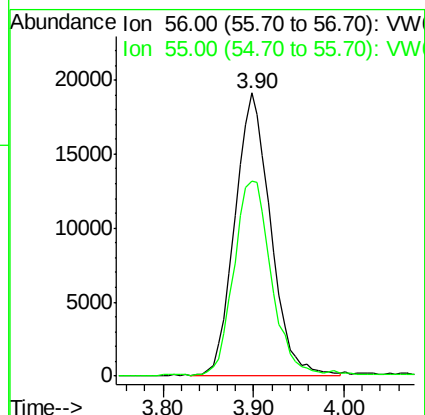
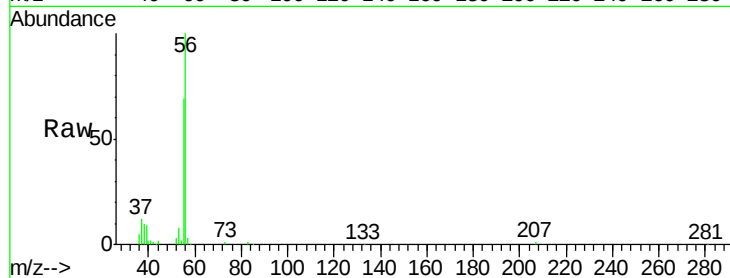
VSTDCCC050

Tgt Ion: 56 Resp: 52483

Ion Ratio Lower Upper

56 100

55 71.1 55.4 83.2



#14

Allyl chloride

Concen: 49.032 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

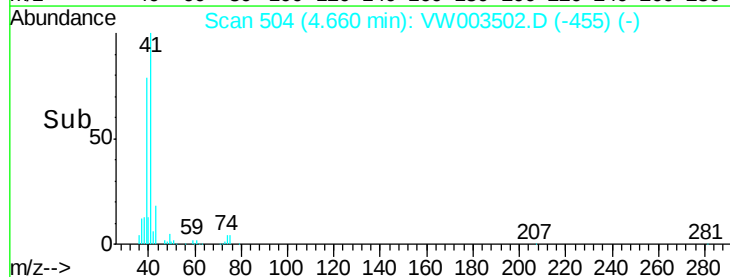
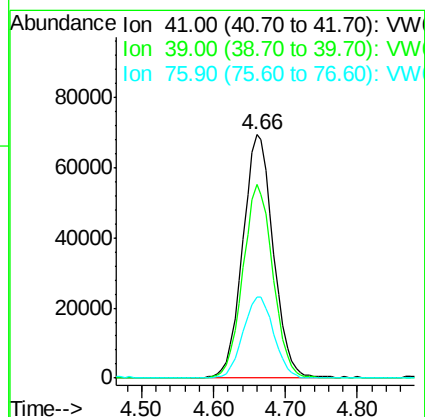
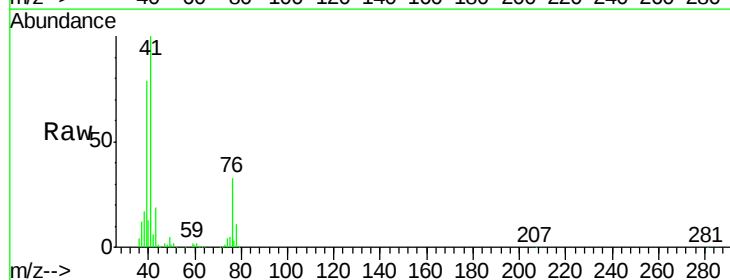
Tgt Ion: 41 Resp: 203835

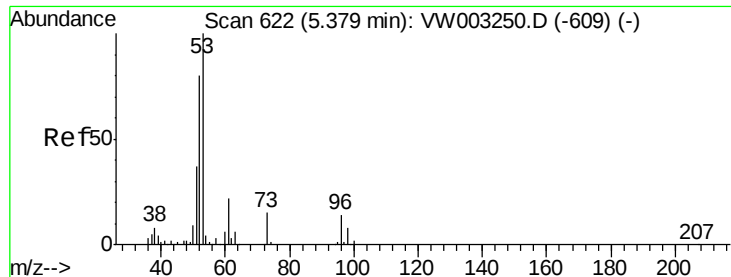
Ion Ratio Lower Upper

41 100

39 78.2 63.2 94.8

76 33.8 28.0 42.0





#15

Acrylonitrile

Concen: 233.507 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

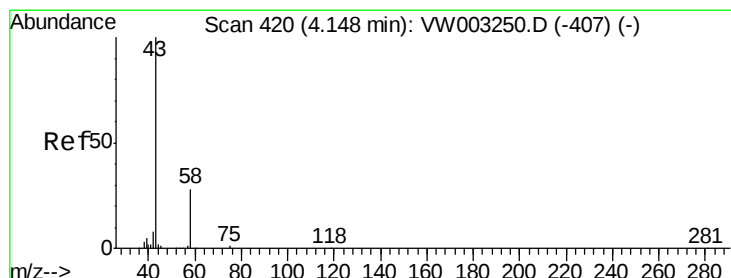
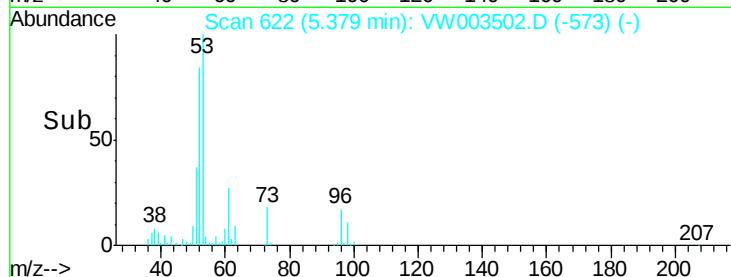
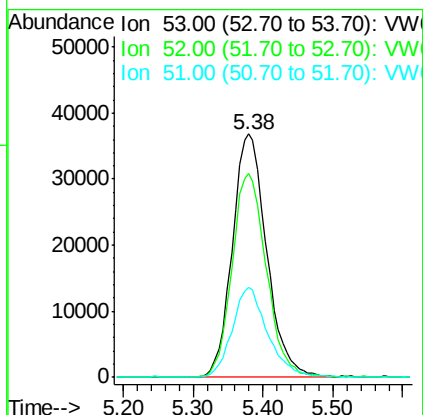
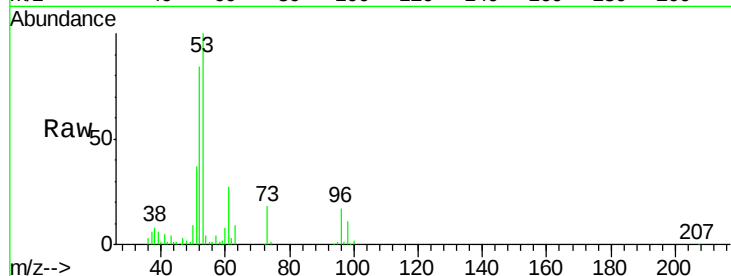
Tgt Ion: 53 Resp: 124820

Ion Ratio Lower Upper

53 100

52 84.2 66.6 100.0

51 37.7 30.6 46.0



#16

Acetone

Concen: 245.596 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003502.D

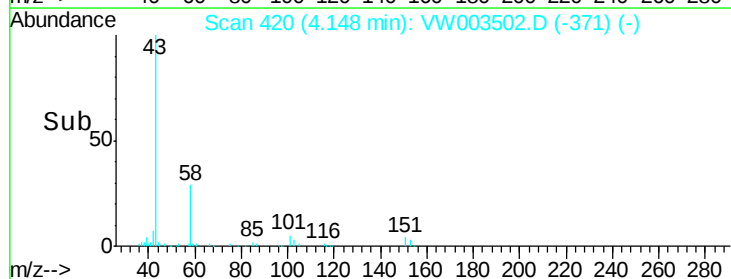
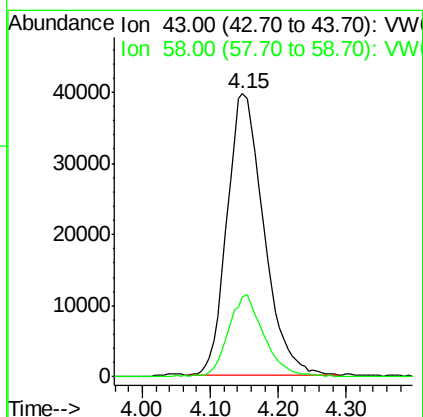
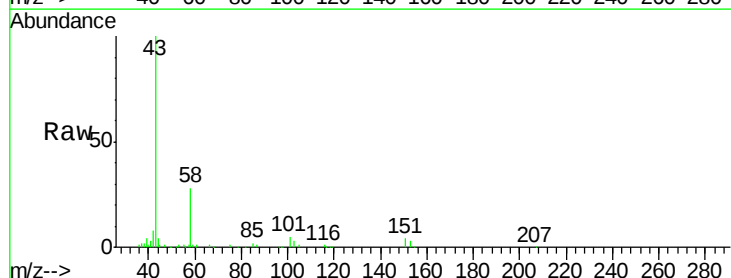
Acq: 24 Jun 2018 11:17

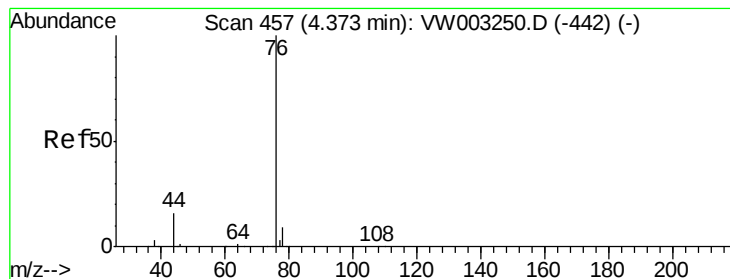
Tgt Ion: 43 Resp: 147915

Ion Ratio Lower Upper

43 100

58 28.4 22.6 34.0





#17

Carbon Disulfide

Concen: 46.468 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

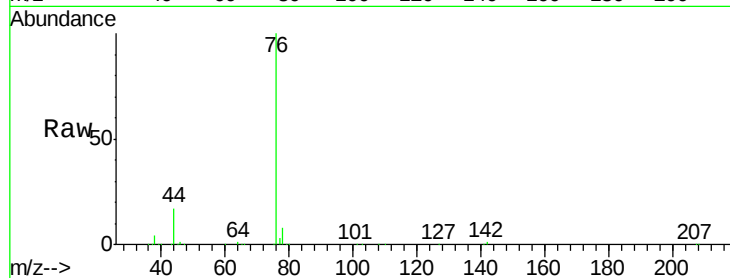
VSTDCCC050

Tgt Ion: 76 Resp: 329700

Ion Ratio Lower Upper

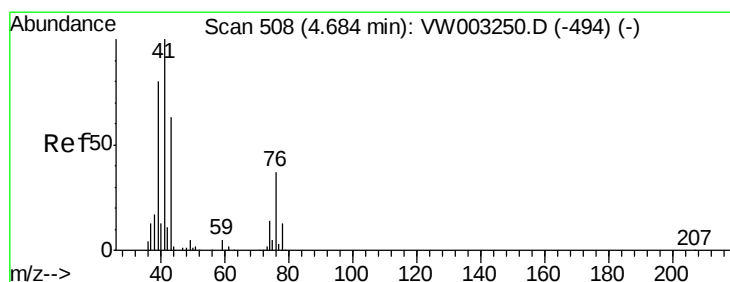
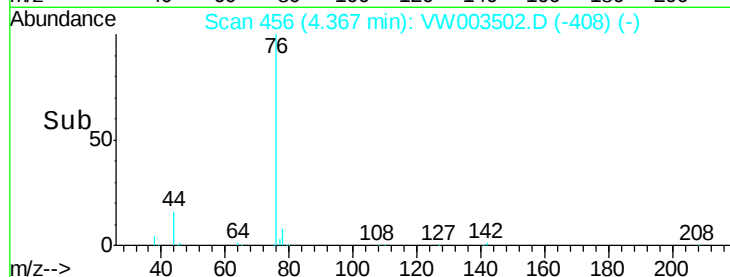
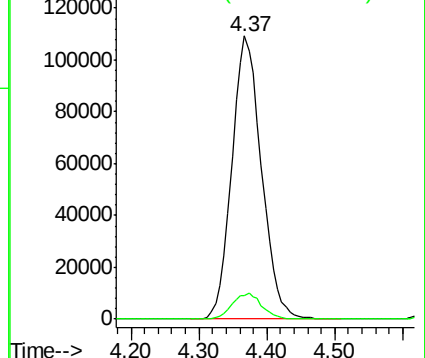
76 100

78 8.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 47.548 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003502.D

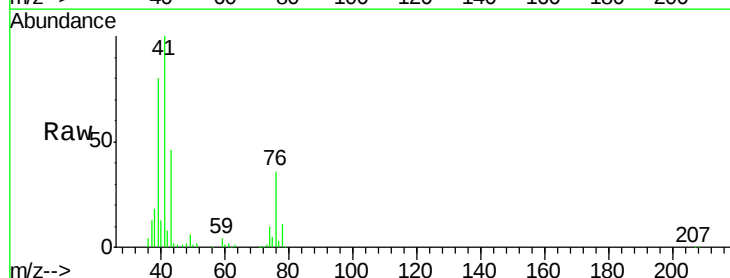
Acq: 24 Jun 2018 11:17

Tgt Ion: 43 Resp: 67935

Ion Ratio Lower Upper

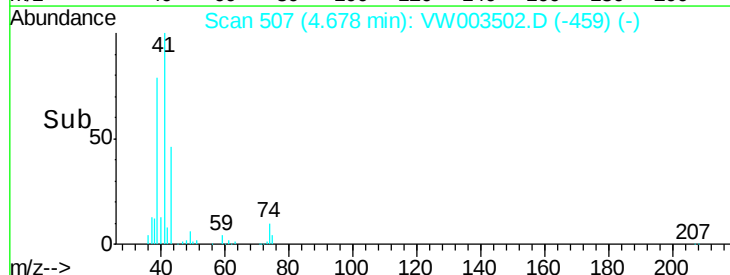
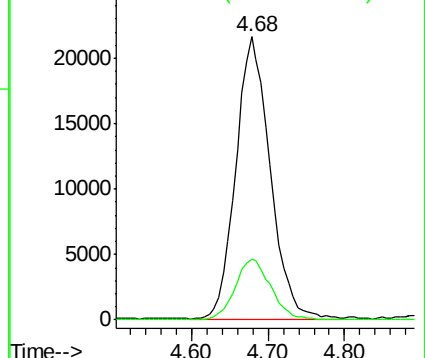
43 100

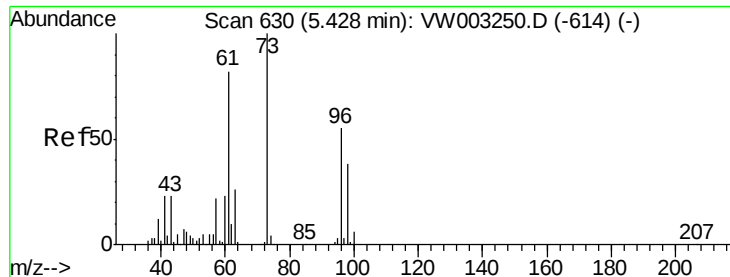
74 22.2 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

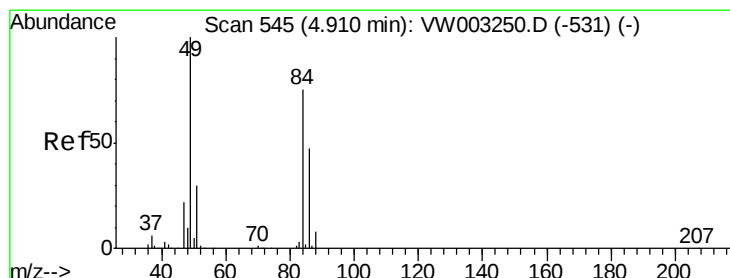
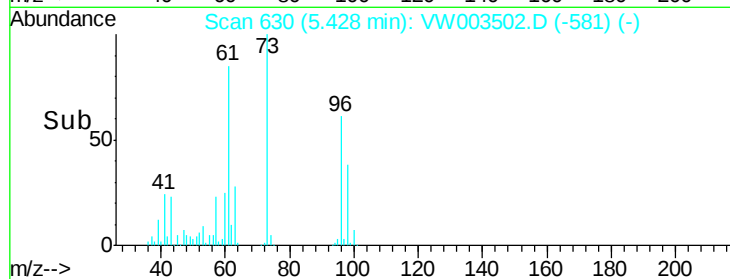
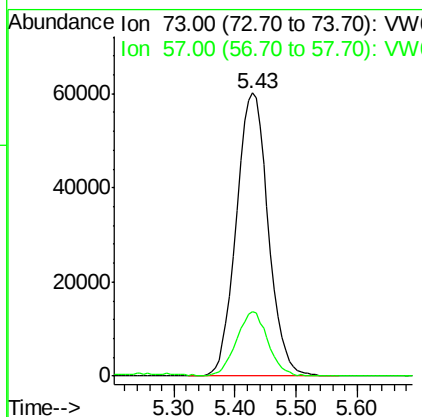
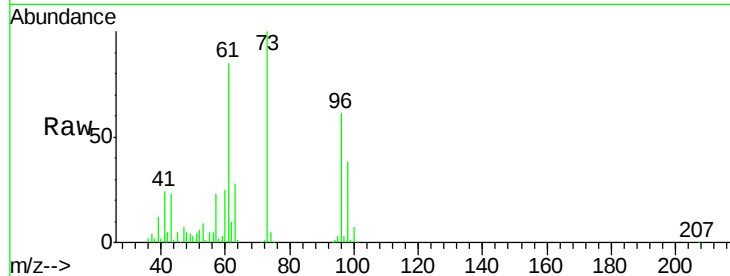




#19
Methyl tert-butyl Ether
Concen: 48.421 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

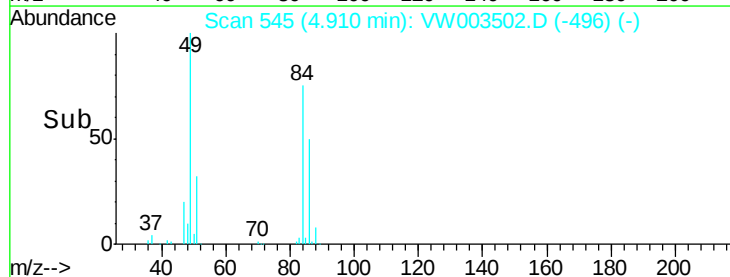
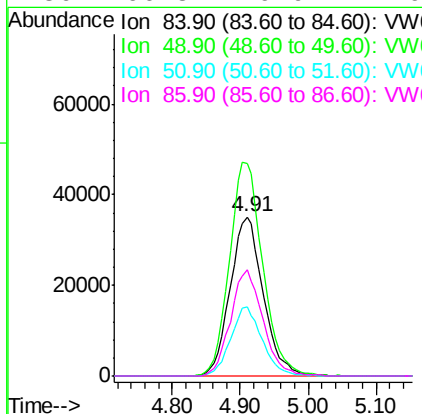
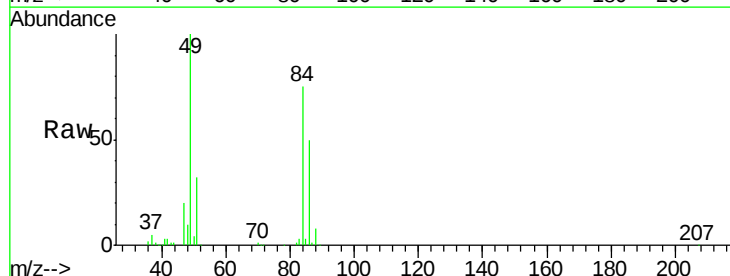
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

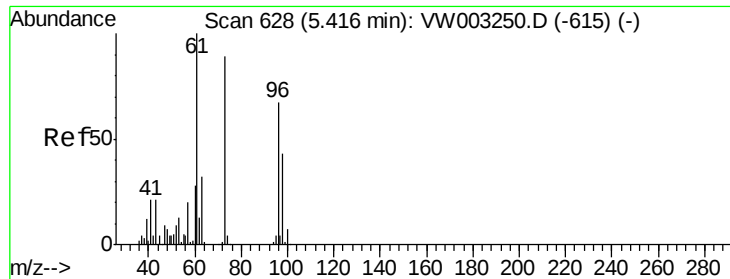
Tgt Ion: 73 Resp: 217654
Ion Ratio Lower Upper
73 100
57 22.8 18.0 27.0



#20
Methylene Chloride
Concen: 45.925 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 84 Resp: 118260
Ion Ratio Lower Upper
84 100
49 133.4 106.3 159.5
51 43.2 32.0 48.0
86 66.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 48.049 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

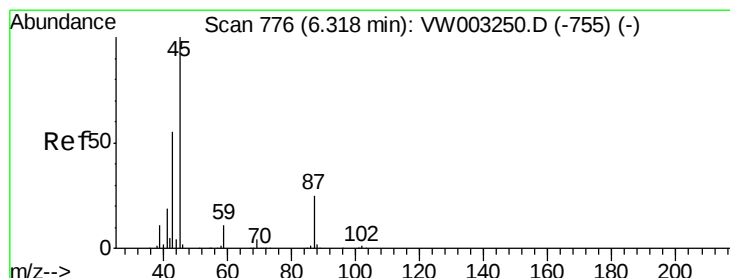
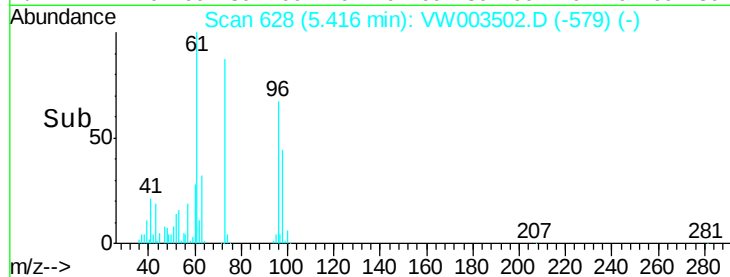
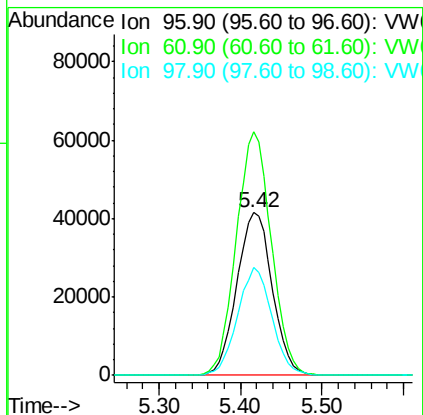
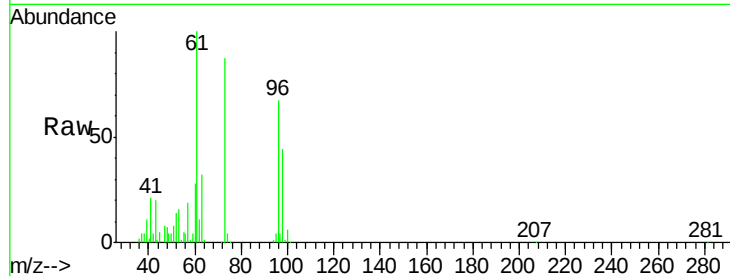
Tgt Ion: 96 Resp: 125500

Ion Ratio Lower Upper

96 100

61 149.4 118.7 178.1

98 66.4 51.0 76.6



#22

Diisopropyl ether

Concen: 49.603 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Tgt Ion: 45 Resp: 415017

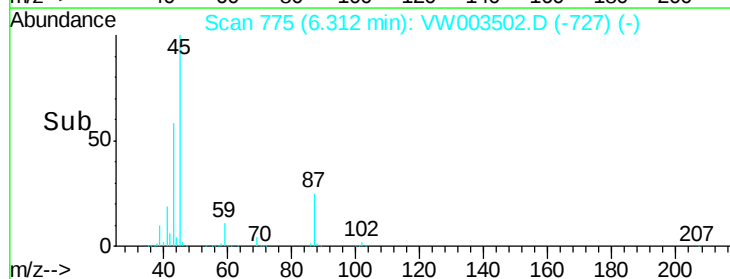
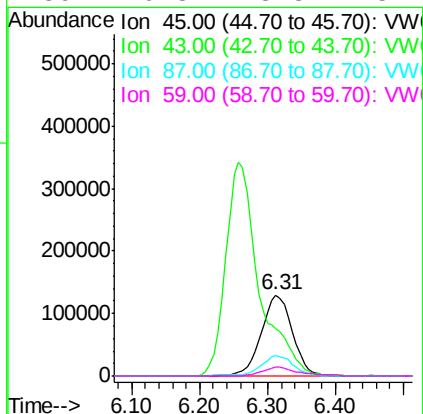
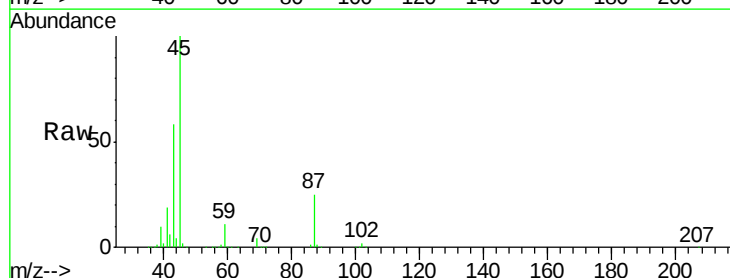
Ion Ratio Lower Upper

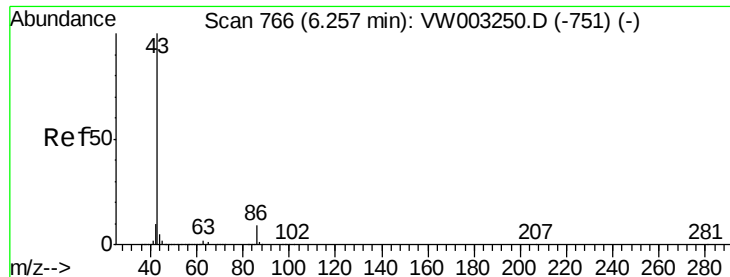
45 100

43 57.9 44.0 66.0

87 25.0 20.6 31.0

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 242.309 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

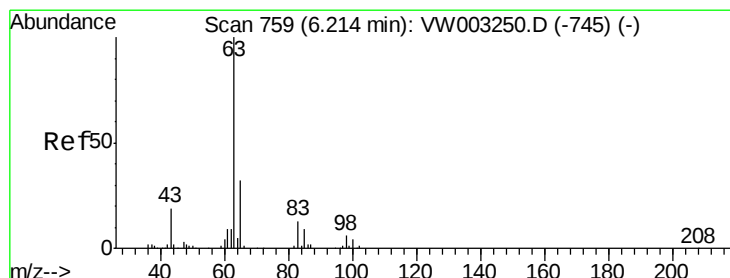
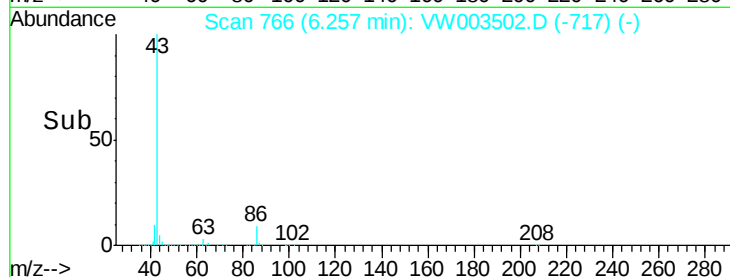
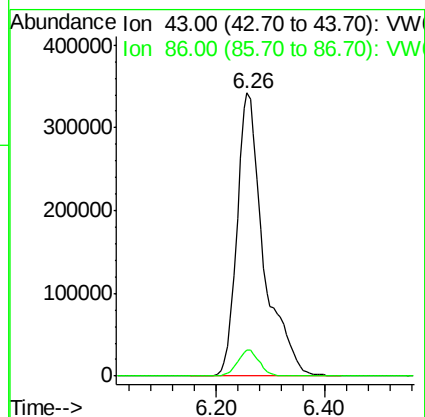
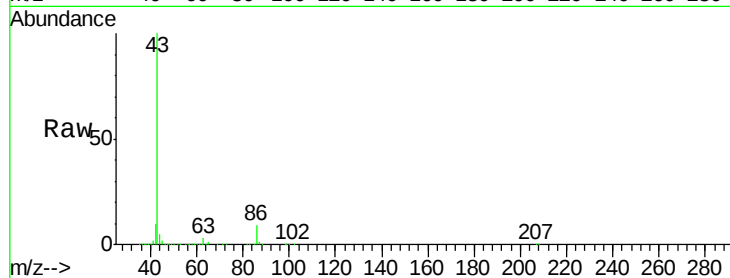
VSTDCCC050

Tgt Ion: 43 Resp: 1168277

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3



#24

1,1-Dichloroethane

Concen: 48.697 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

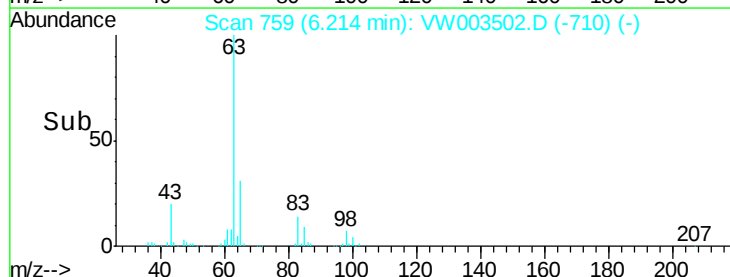
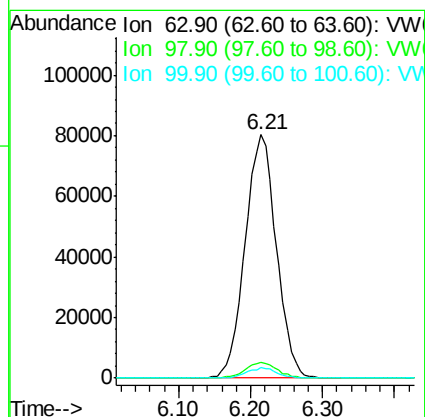
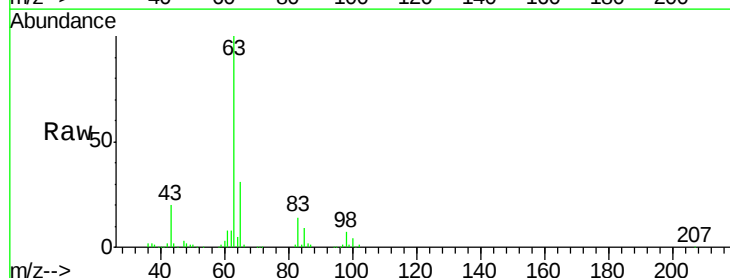
Tgt Ion: 63 Resp: 241875

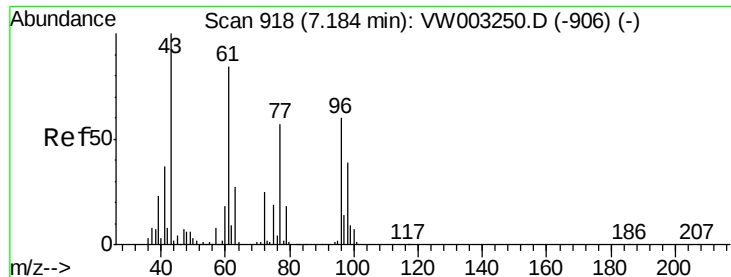
Ion Ratio Lower Upper

63 100

98 6.7 2.8 8.3

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 248.323 ug/l

RT: 7.19 min Scan# 919

Delta R.T. 0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

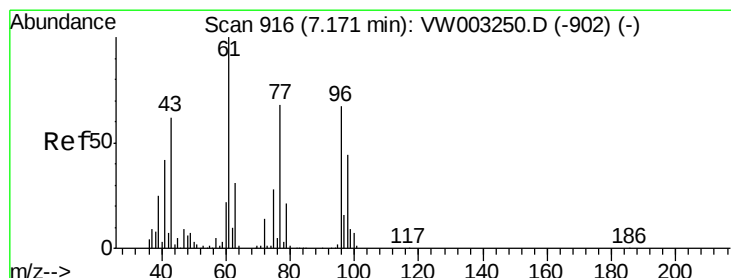
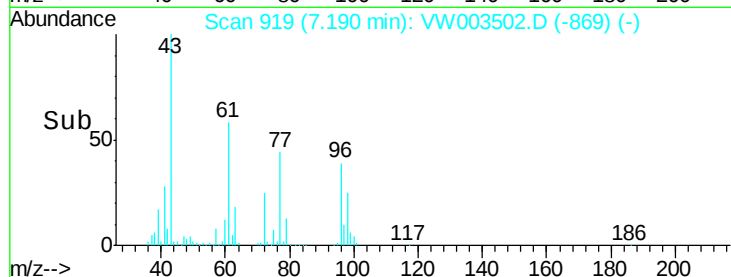
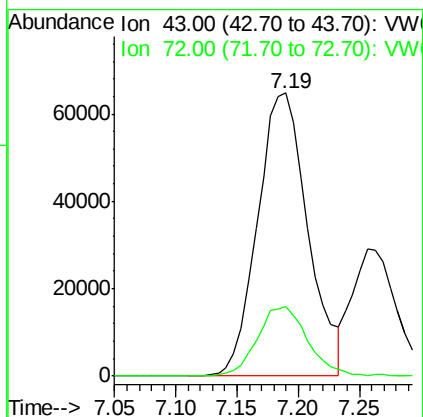
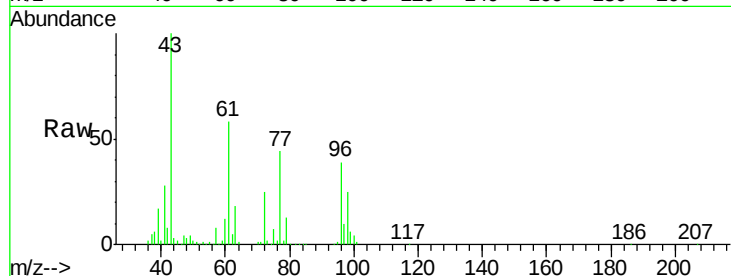
VSTDCCC050

Tgt Ion: 43 Resp: 185971

Ion Ratio Lower Upper

43 100

72 24.8 20.3 30.5



#26

2,2-Dichloropropane

Concen: 48.560 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003502.D

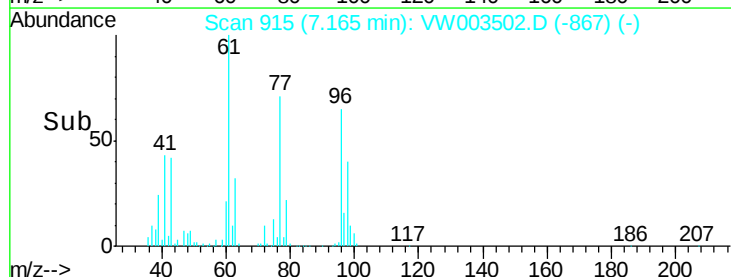
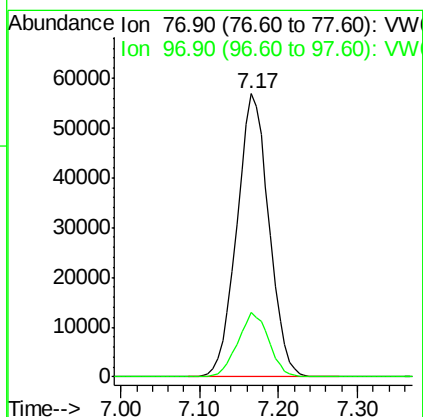
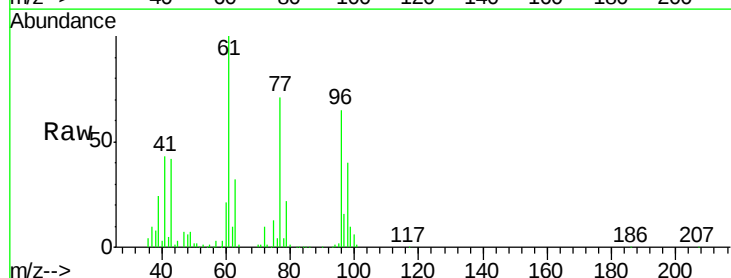
Acq: 24 Jun 2018 11:17

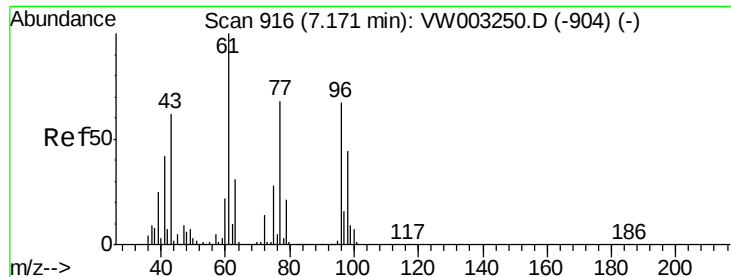
Tgt Ion: 77 Resp: 160969

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.9



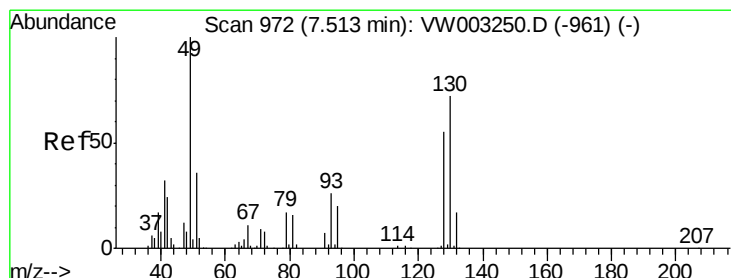
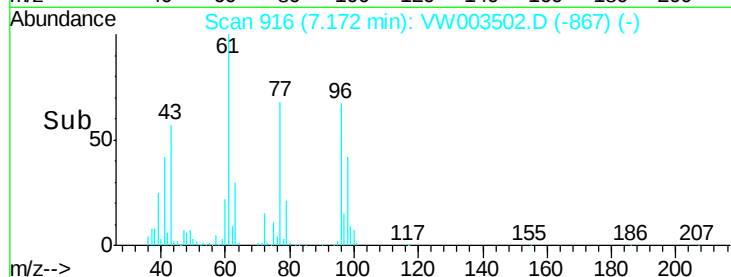
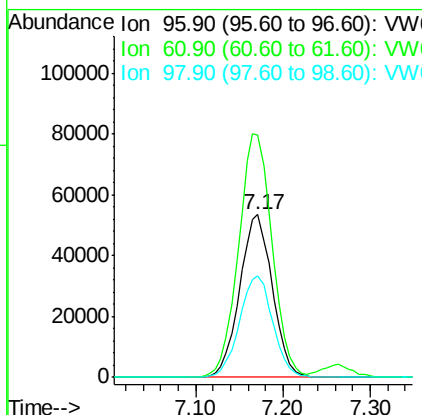
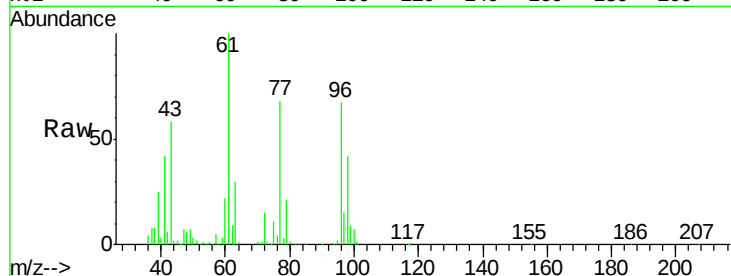


#27

cis-1,2-Dichloroethene
Concen: 48.268 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

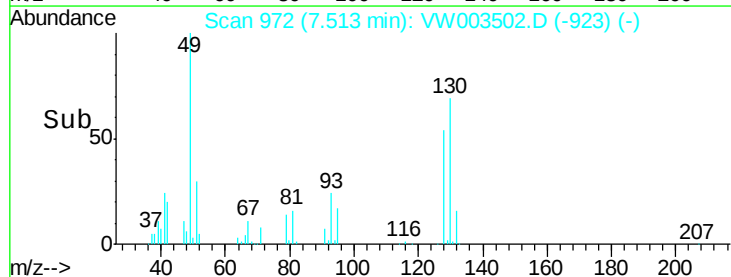
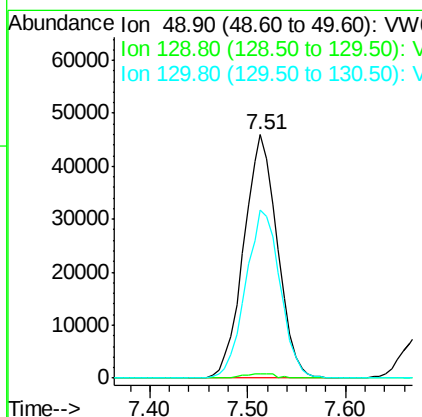
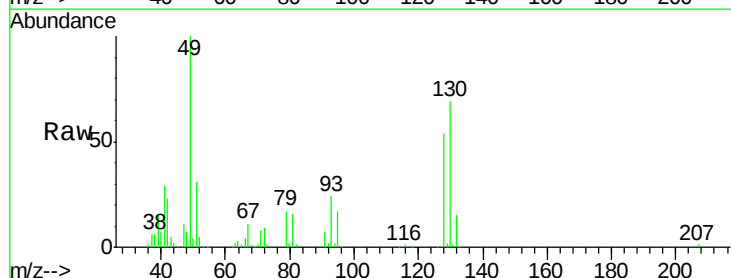
Tgt Ion: 96 Resp: 138496
Ion Ratio Lower Upper
96 100
61 153.7 0.0 298.8
98 63.5 0.0 130.4

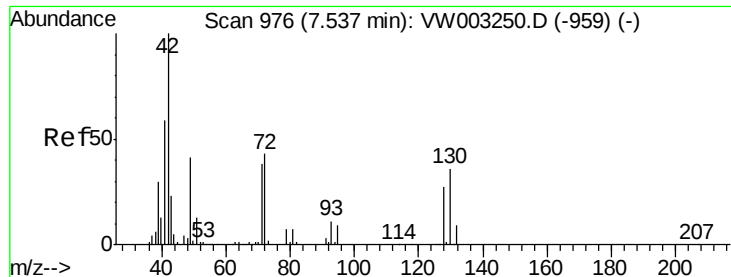


#28

Bromochloromethane
Concen: 53.117 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 49 Resp: 109789
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 71.1 59.4 89.2

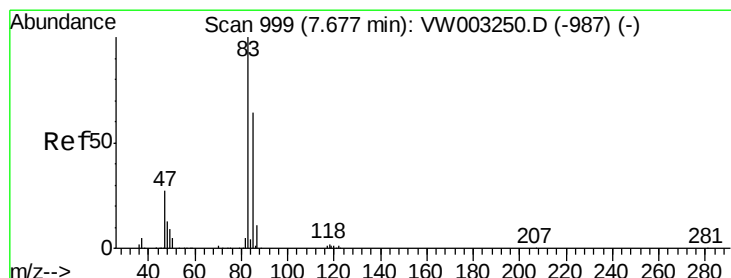
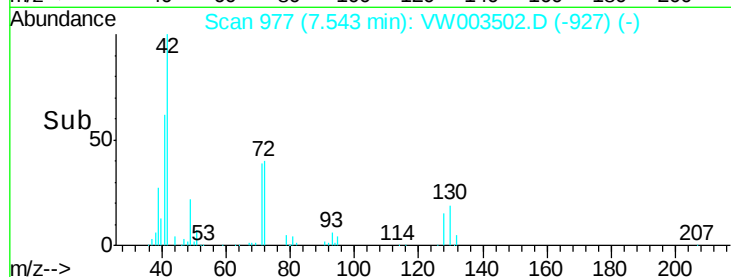
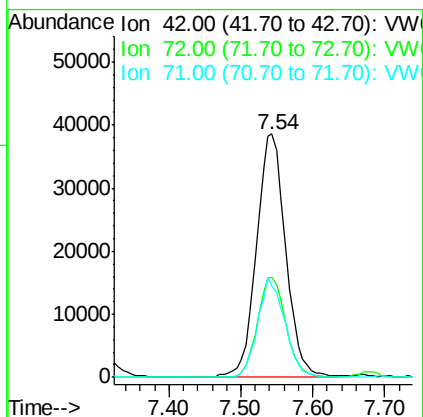
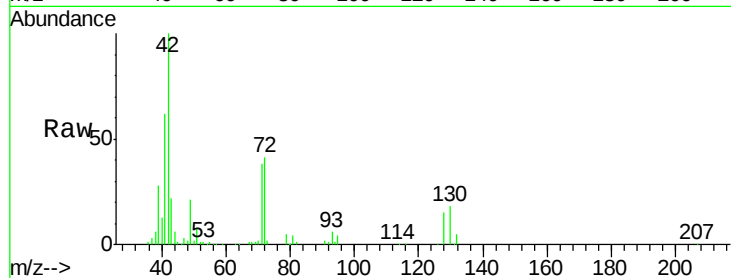




#29
Tetrahydrofuran
Concen: 238.120 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

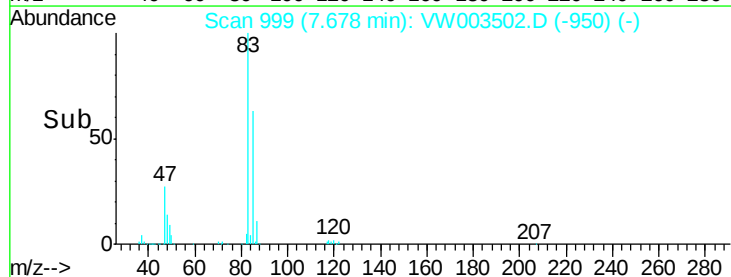
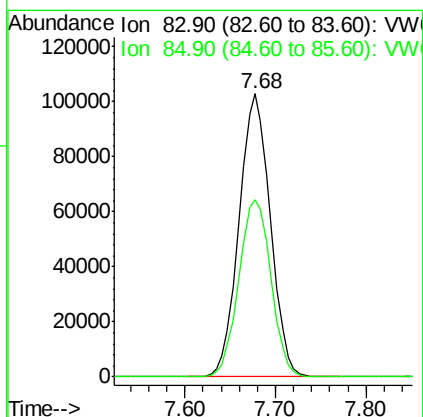
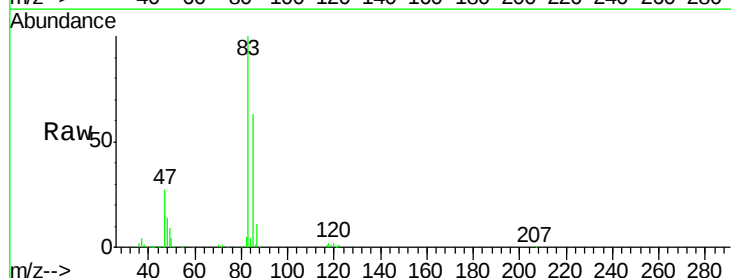
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

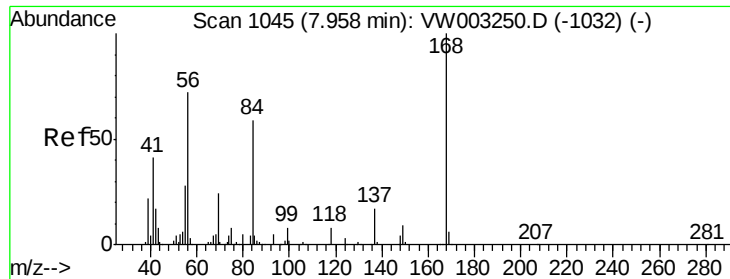
Tgt Ion: 42 Resp: 108989
Ion Ratio Lower Upper
42 100
72 40.0 32.4 48.6
71 38.0 31.2 46.8



#30
Chloroform
Concen: 48.493 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 83 Resp: 245386
Ion Ratio Lower Upper
83 100
85 62.7 51.3 76.9

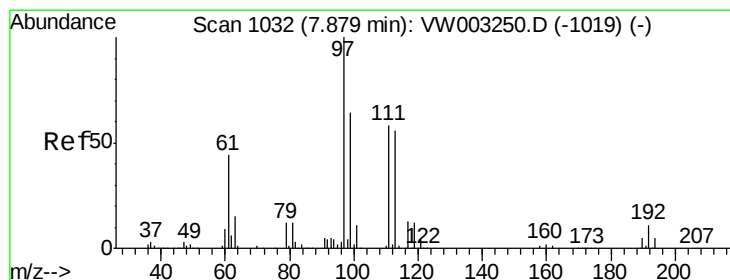
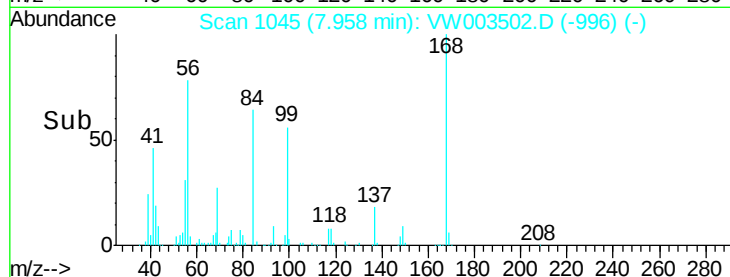
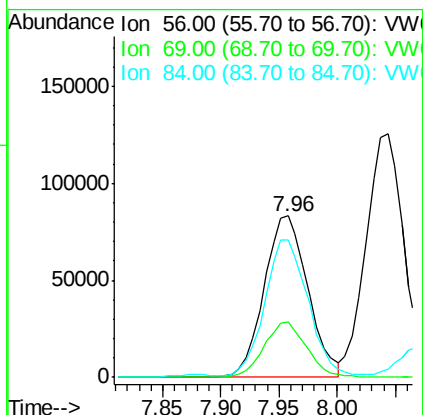
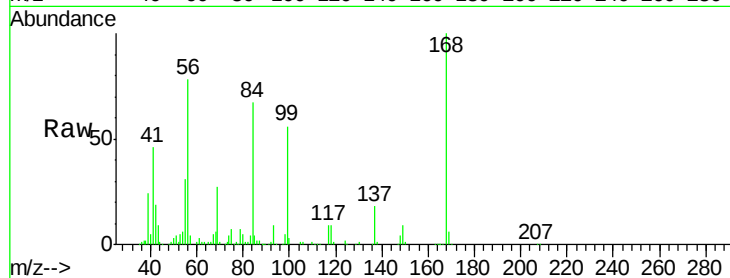




#31
Cyclohexane
Concen: 46.849 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

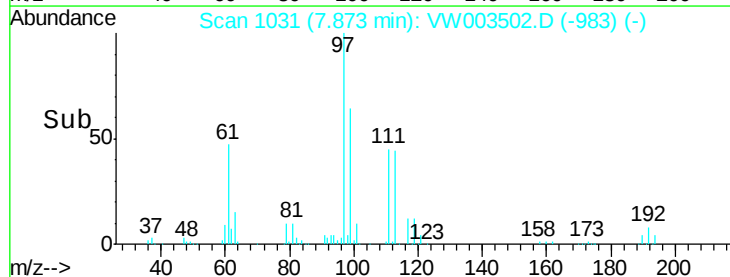
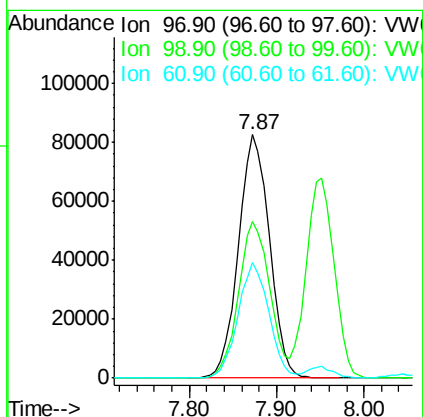
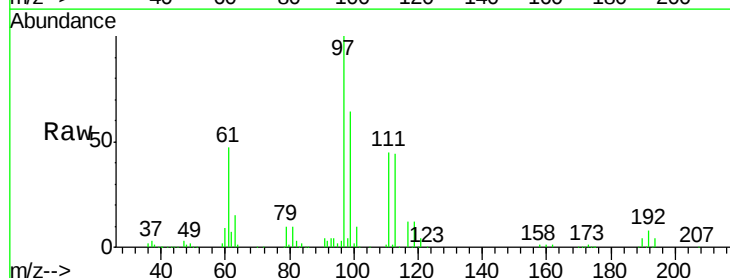
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

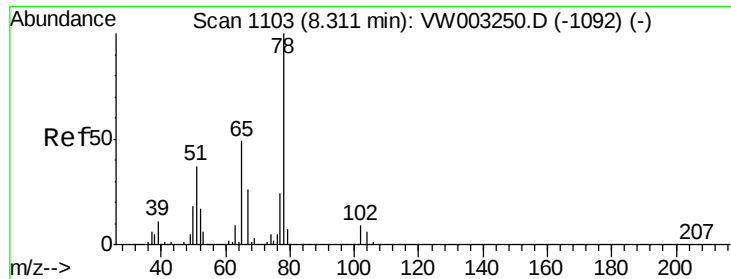
Tgt Ion: 56 Resp: 217395
Ion Ratio Lower Upper
56 100
69 34.3 26.3 39.5
84 83.3 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 48.891 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 97 Resp: 204211
Ion Ratio Lower Upper
97 100
99 65.6 51.7 77.5
61 47.4 37.6 56.4

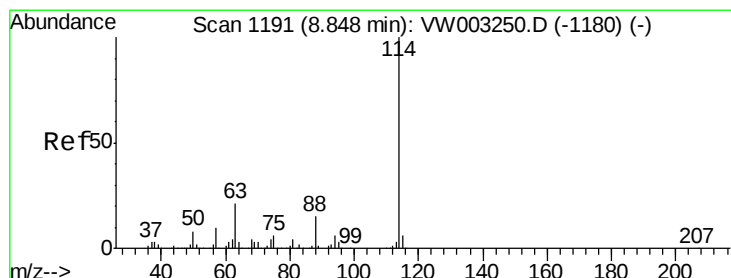
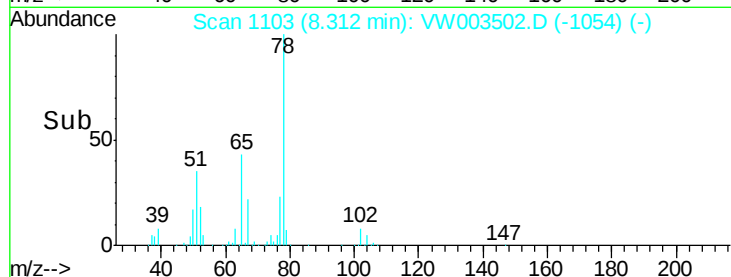
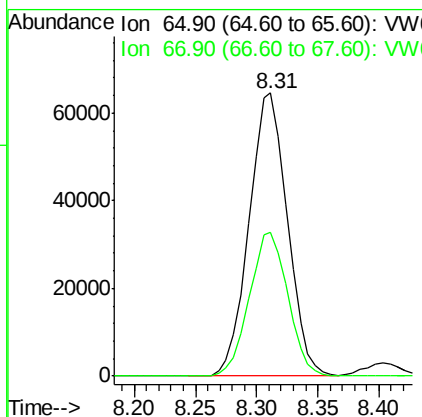
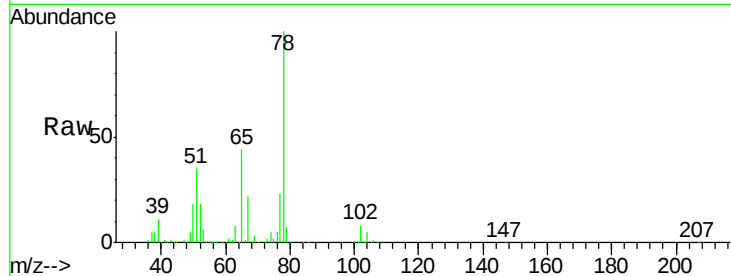




#33
 1,2-Dichloroethane-d4
 Concen: 49.087 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

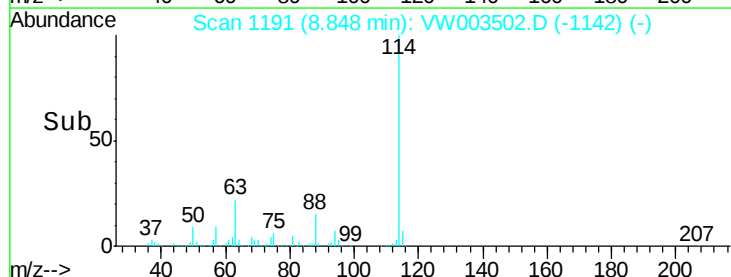
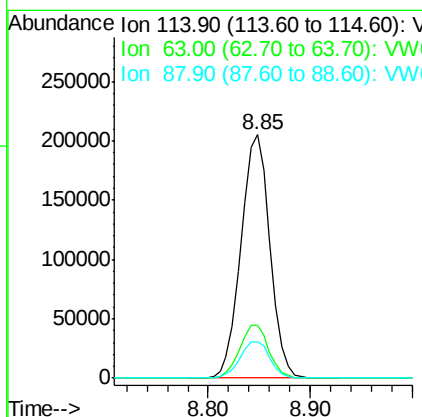
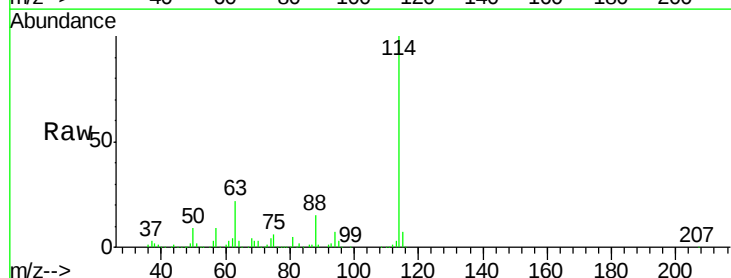
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

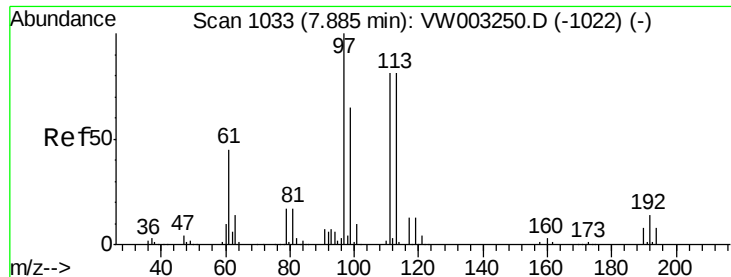
Tgt Ion: 65 Resp: 140961
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 114 Resp: 403010
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.0
 88 15.2 0.0 29.6

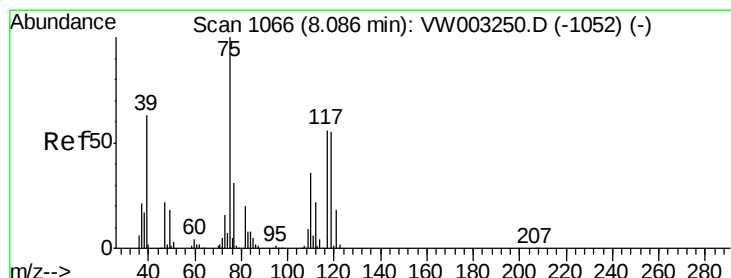
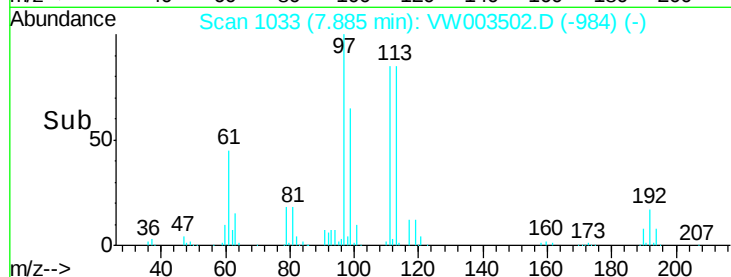
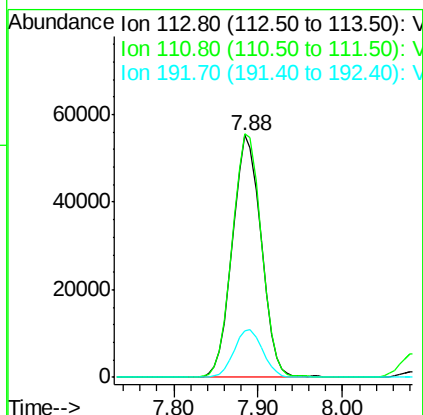
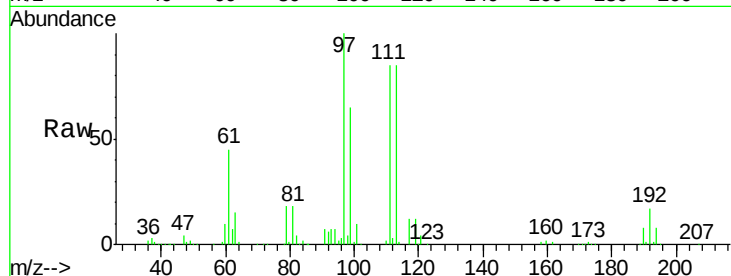




#35
 Dibromofluoromethane
 Concen: 51.055 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

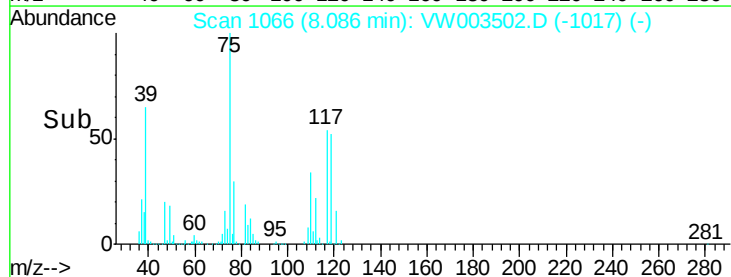
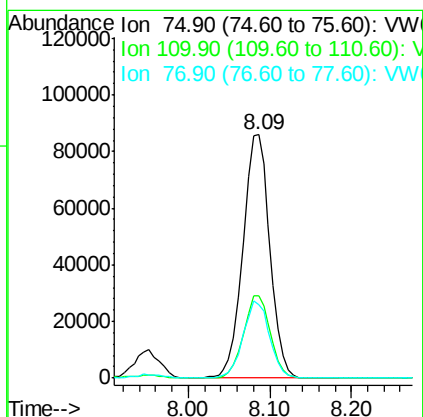
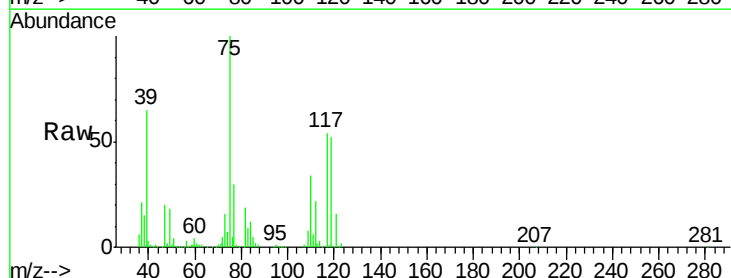
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

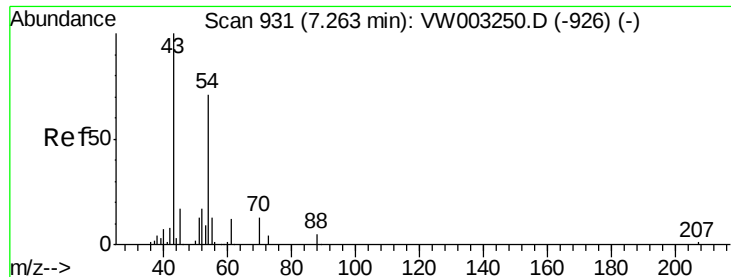
Tgt Ion: 113 Resp: 127851
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.2 123.2
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.488 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 75 Resp: 196500
 Ion Ratio Lower Upper
 75 100
 110 33.7 17.1 51.3
 77 31.4 24.9 37.3

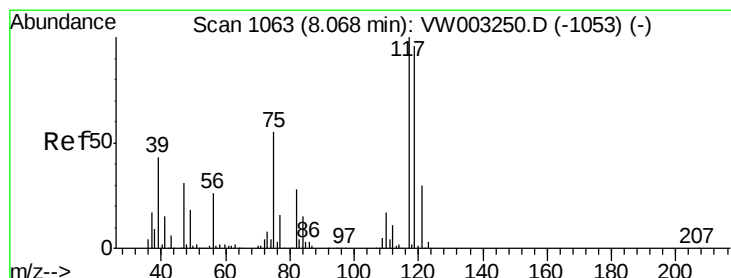
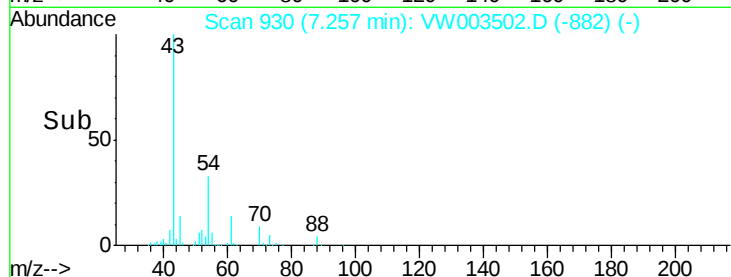
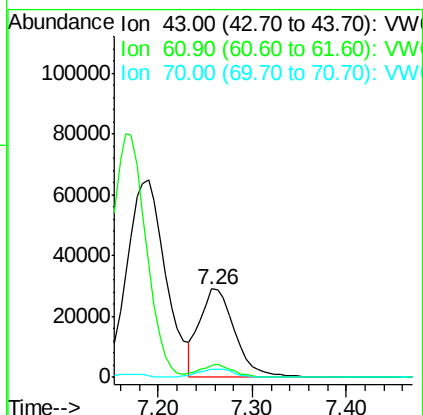
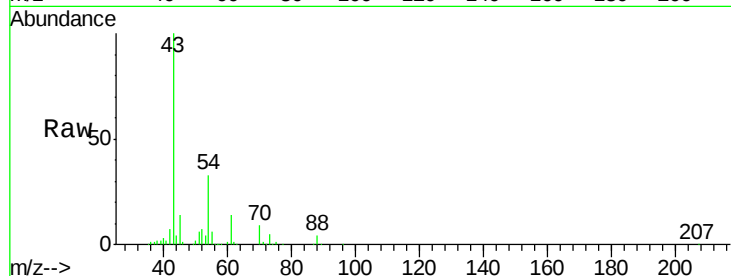




#37
 Ethyl Acetate
 Concen: 46.357 ug/l
 RT: 7.26 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

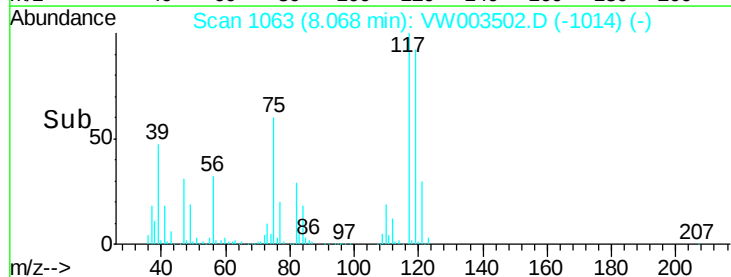
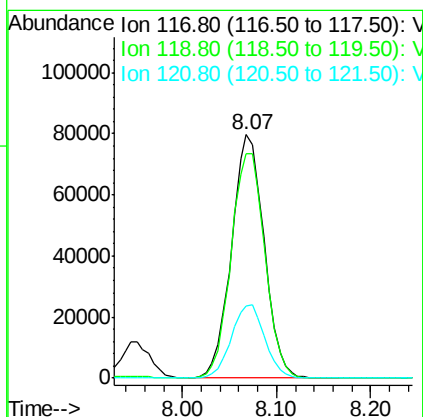
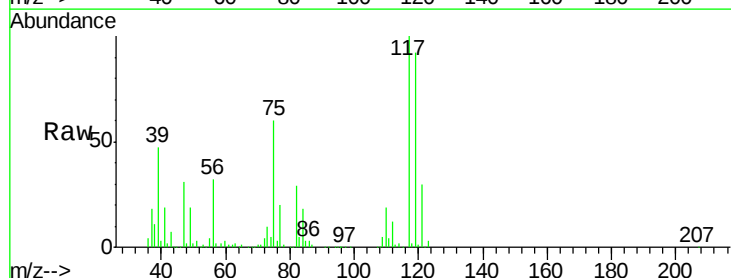
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

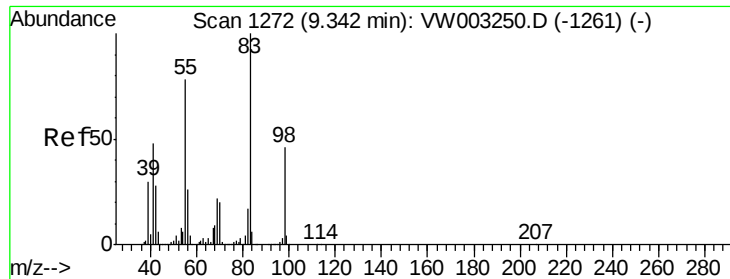
Tgt Ion: 43 Resp: 74745
 Ion Ratio Lower Upper
 43 100
 61 14.3 10.8 16.2
 70 9.7 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 50.260 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 117 Resp: 191876
 Ion Ratio Lower Upper
 117 100
 119 92.2 76.6 115.0
 121 29.6 23.9 35.9

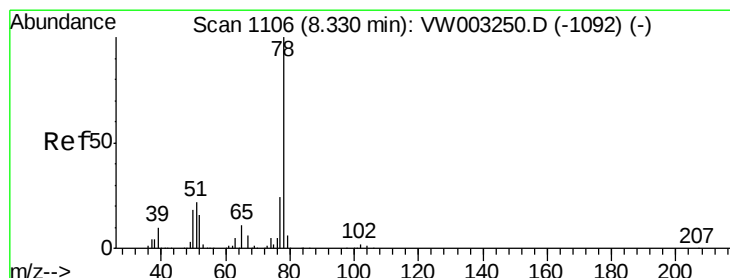
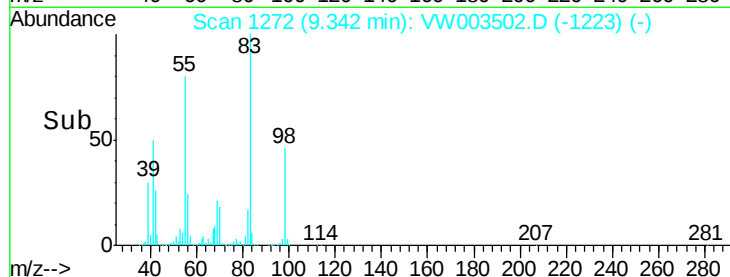
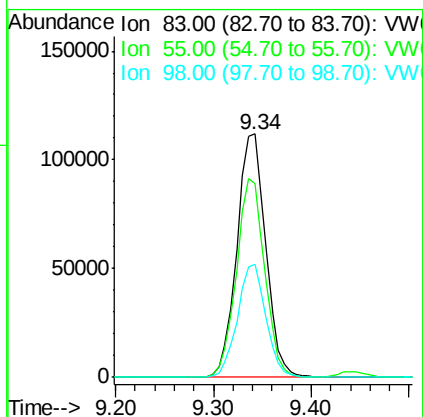
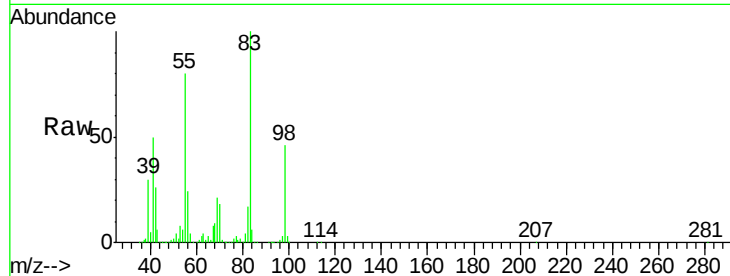




#39
Methylcyclohexane
Concen: 50.907 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

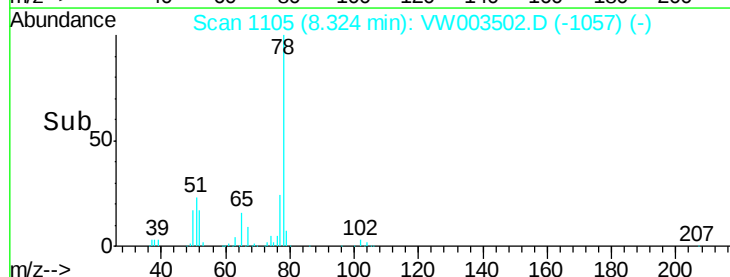
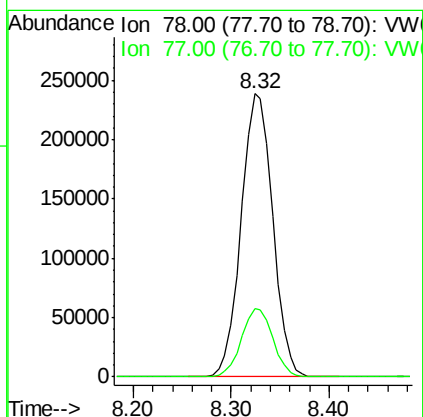
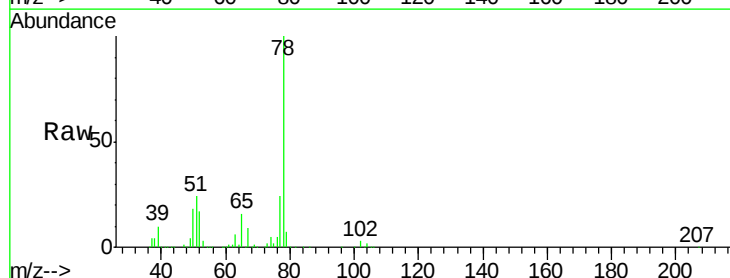
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

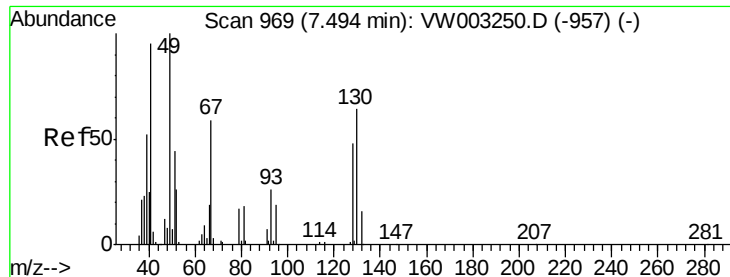
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.7	62.6	93.8
98	46.2	37.0	55.4



#40
Benzene
Concen: 49.729 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6

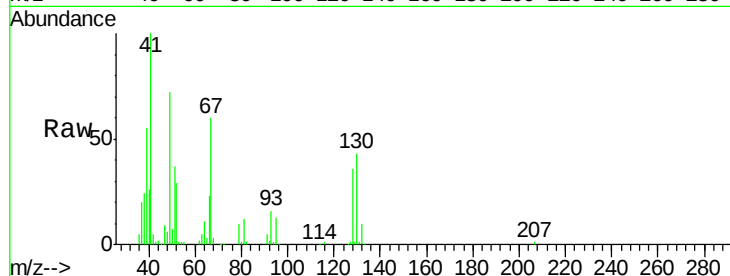




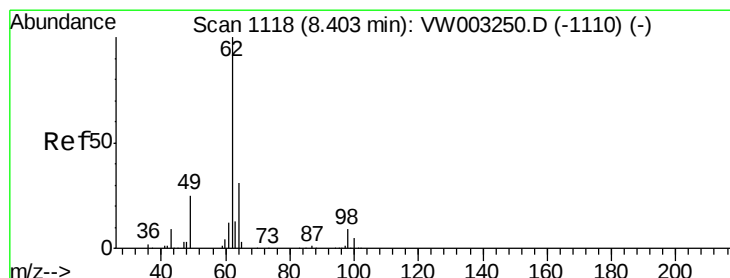
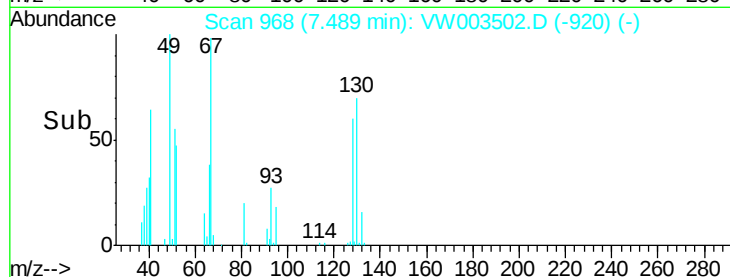
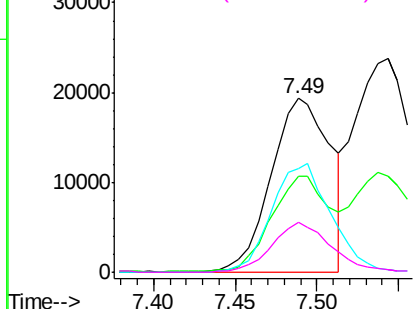
#41
Methacrylonitrile
Concen: 49.444 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	48922
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.8	68.8
67	62.6	52.3	78.5
52	29.0	24.1	36.1

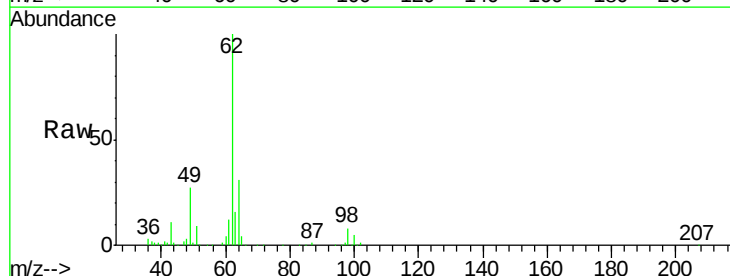


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

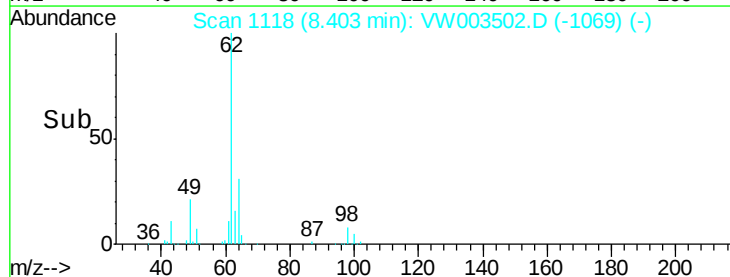
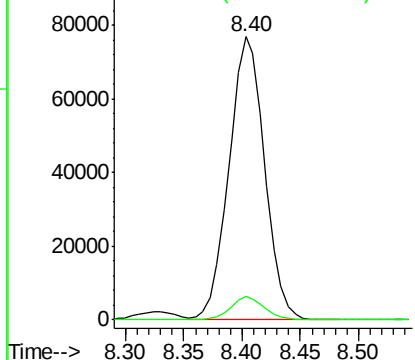


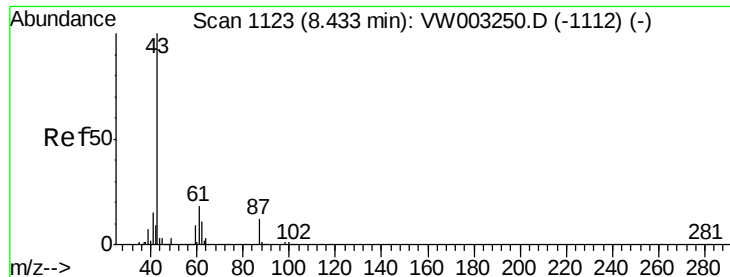
#42
1,2-Dichloroethane
Concen: 48.656 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion:	62	Resp:	163542
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	17.2



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





#43

Isopropyl Acetate

Concen: 46.942 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

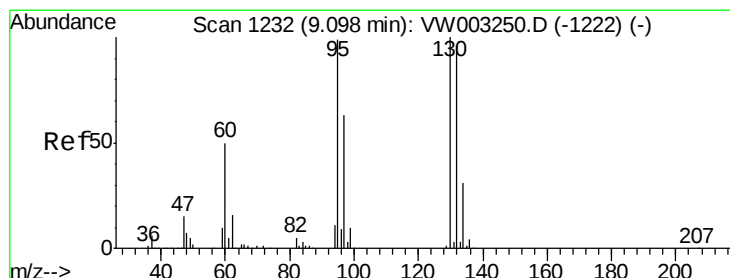
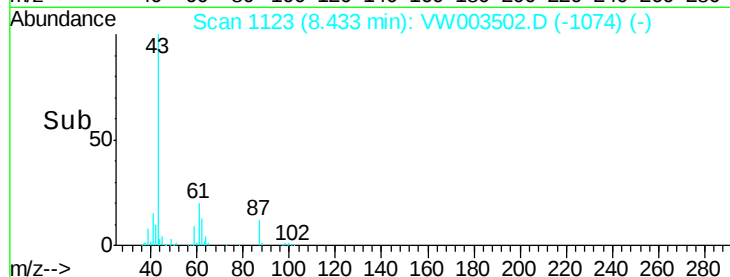
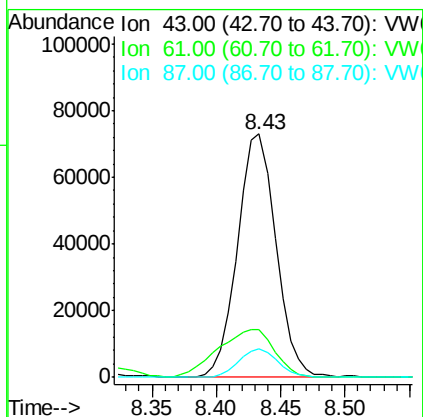
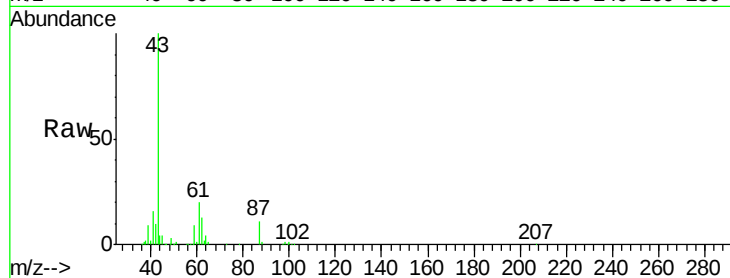
Tgt Ion: 43 Resp: 150289

Ion Ratio Lower Upper

43 100

61 29.4 23.1 34.7

87 11.9 9.8 14.6



#44

Trichloroethene

Concen: 49.078 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003502.D

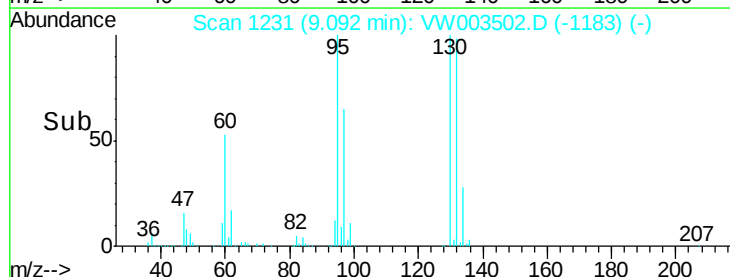
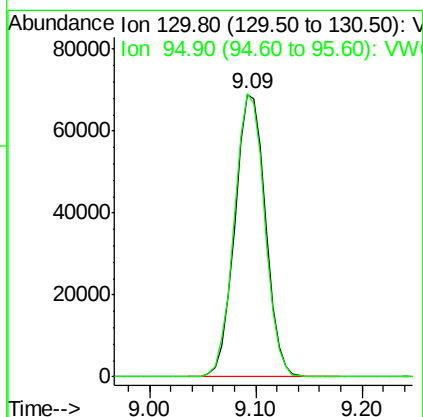
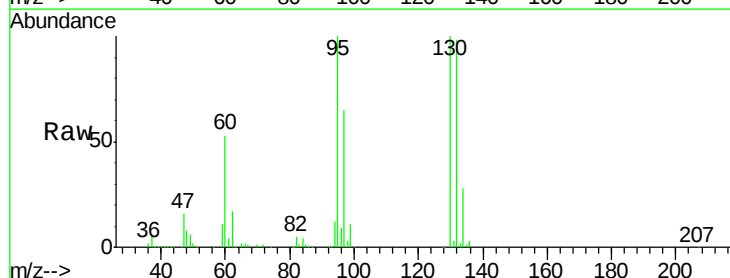
Acq: 24 Jun 2018 11:17

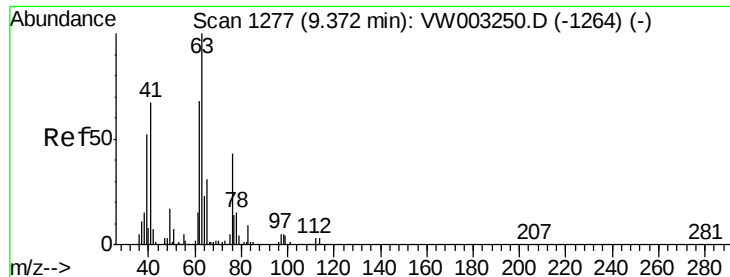
Tgt Ion: 130 Resp: 139514

Ion Ratio Lower Upper

130 100

95 100.2 0.0 198.0

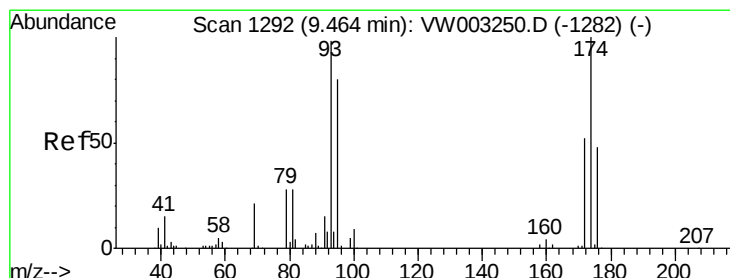
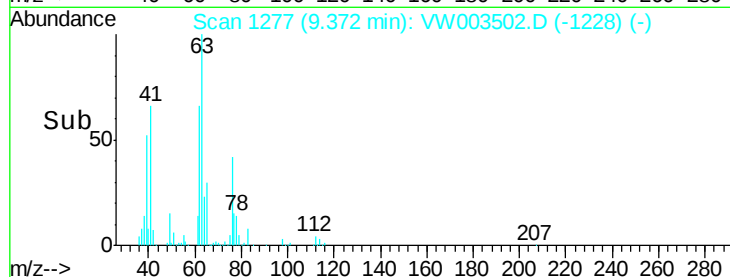
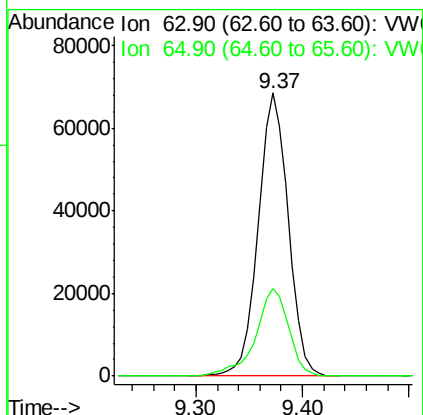
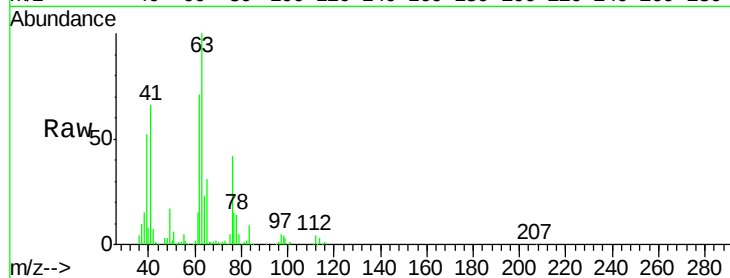




#45
 1,2-Dichloropropane
 Concen: 49.549 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

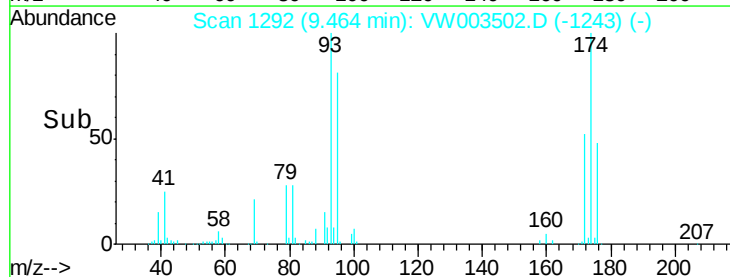
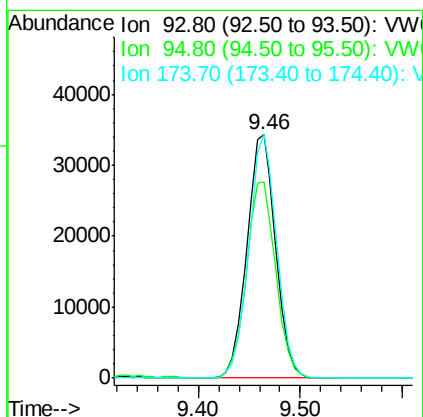
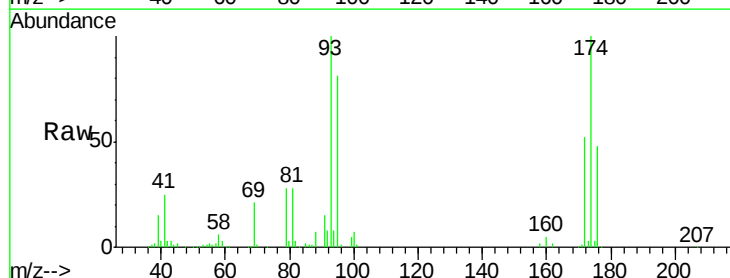
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

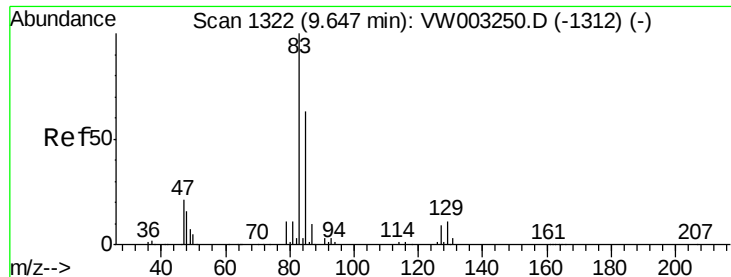
Tgt Ion: 63 Resp: 135345
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 47.906 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 93 Resp: 66996
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.8
 174 98.0 81.4 122.0





#47

Bromodichloromethane

Concen: 49.729 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

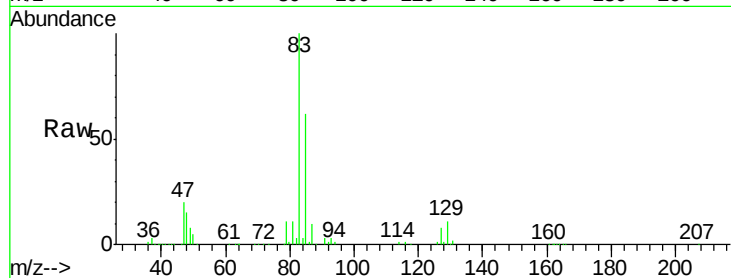
Tgt Ion: 83 Resp: 178265

Ion Ratio Lower Upper

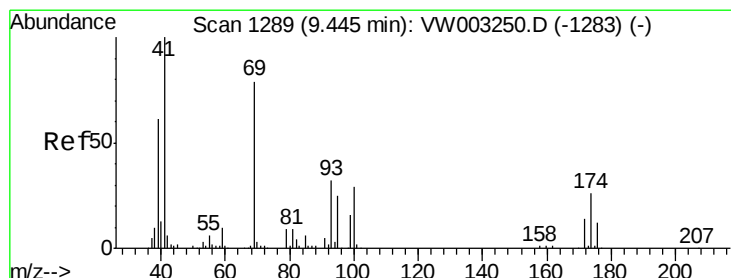
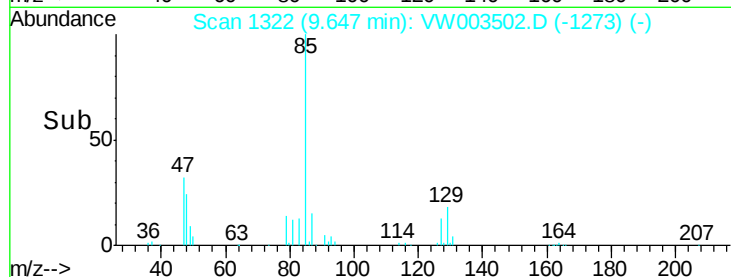
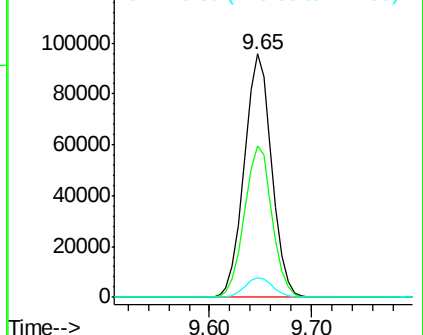
83 100

85 62.1 50.6 75.8

127 8.0 6.8 10.2



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: 50.347 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

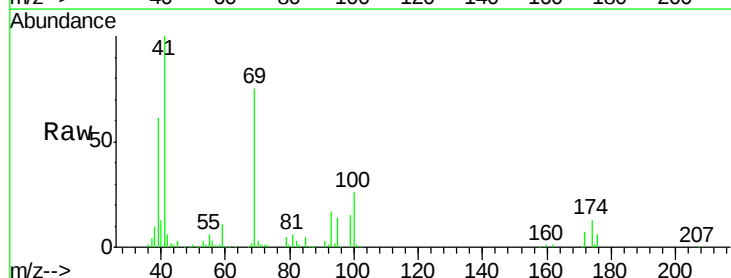
Tgt Ion: 41 Resp: 75752

Ion Ratio Lower Upper

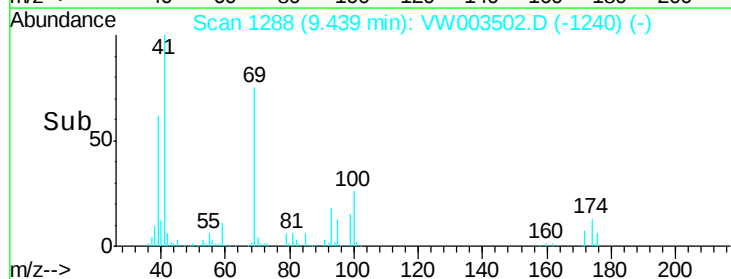
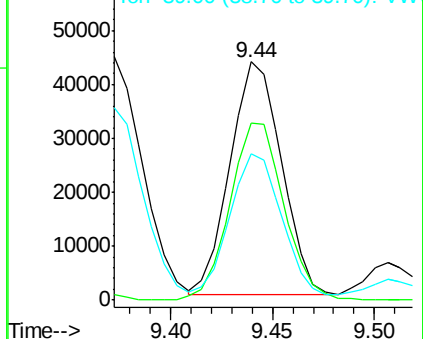
41 100

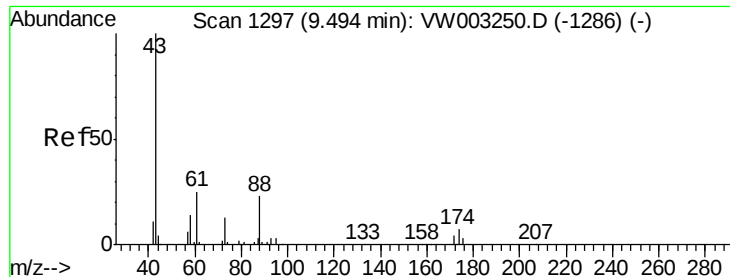
69 79.5 65.4 98.2

39 64.9 54.2 81.2



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

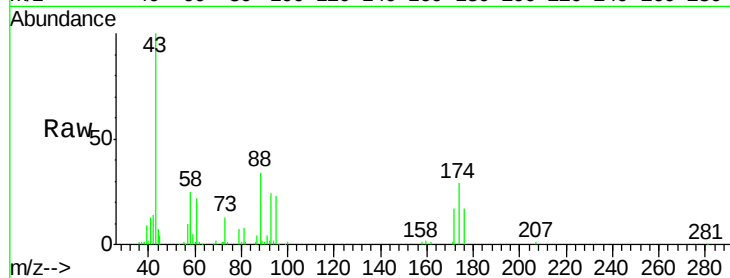




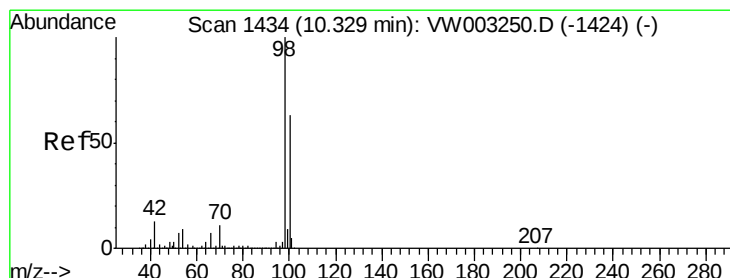
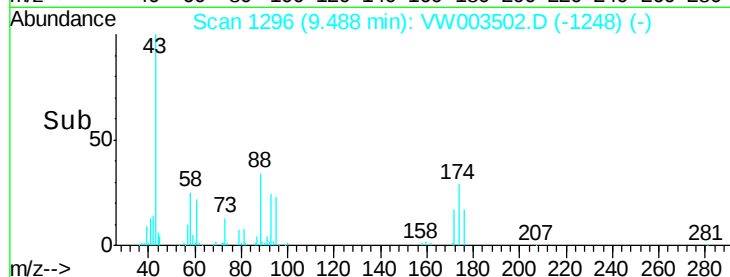
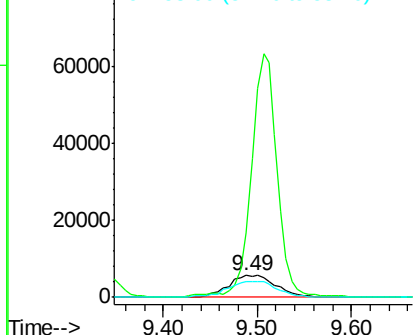
#49
1,4-Dioxane
Concen: 960.003 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 20271
Ion Ratio Lower Upper
88 100
43 600.3 454.7 682.1
58 75.4 58.6 88.0

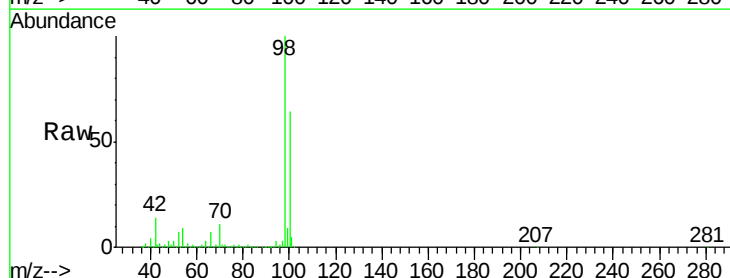


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

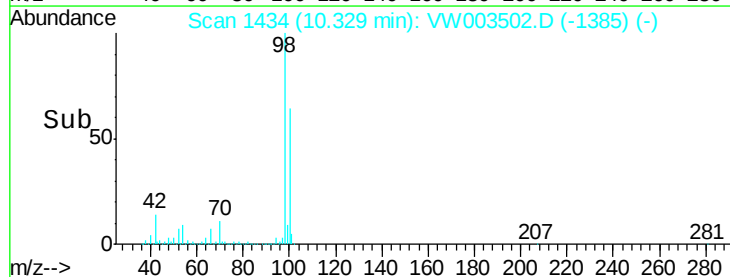
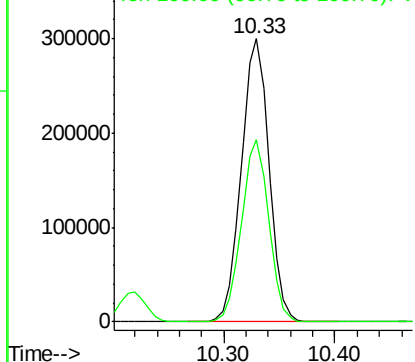


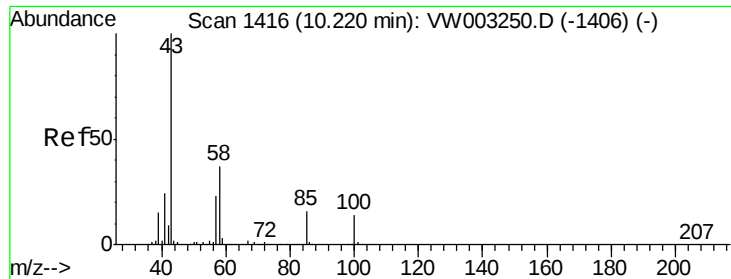
#50
Toluene-d8
Concen: 52.006 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 98 Resp: 516396
Ion Ratio Lower Upper
98 100
100 63.6 50.8 76.2



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: 244.814 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

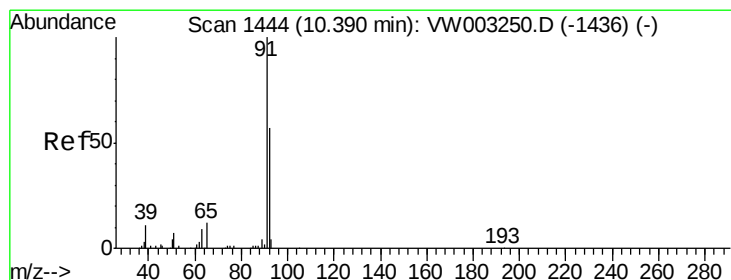
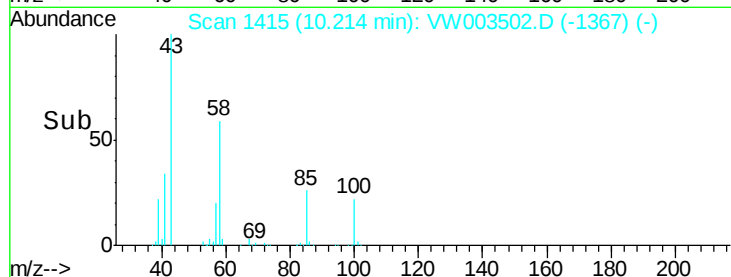
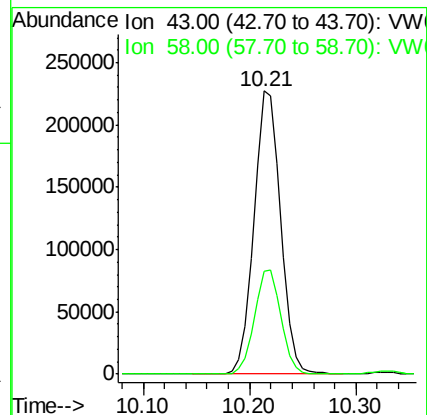
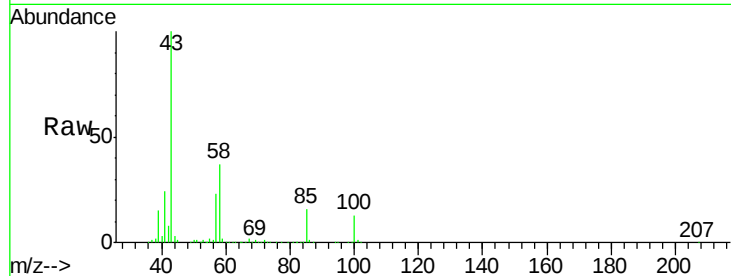
VSTDCCC050

Tgt Ion: 43 Resp: 399383

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.4



#52

Toluene

Concen: 50.121 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003502.D

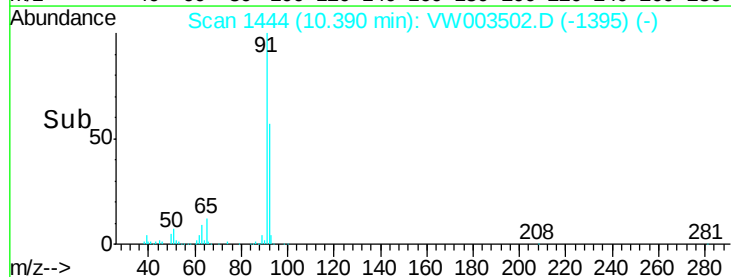
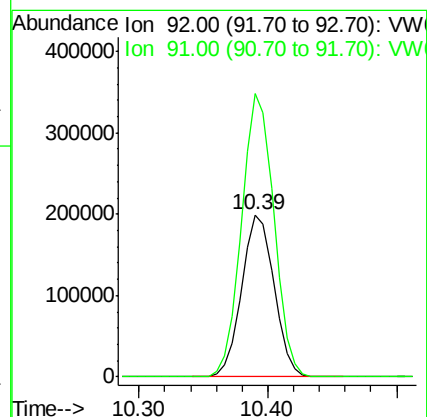
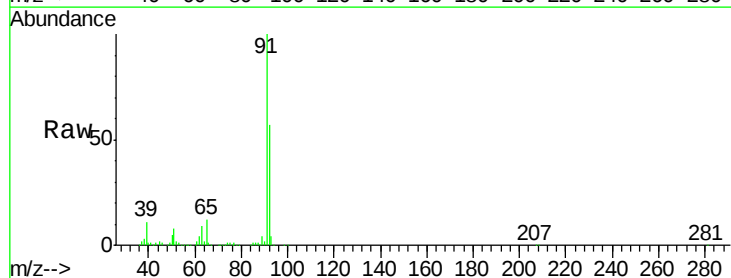
Acq: 24 Jun 2018 11:17

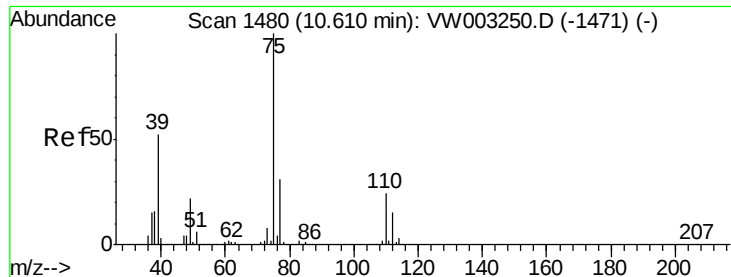
Tgt Ion: 92 Resp: 344808

Ion Ratio Lower Upper

92 100

91 174.7 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 49.435 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

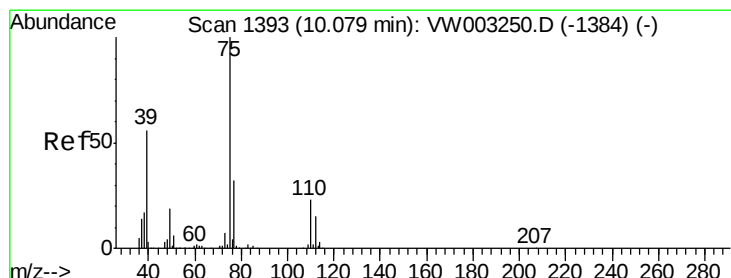
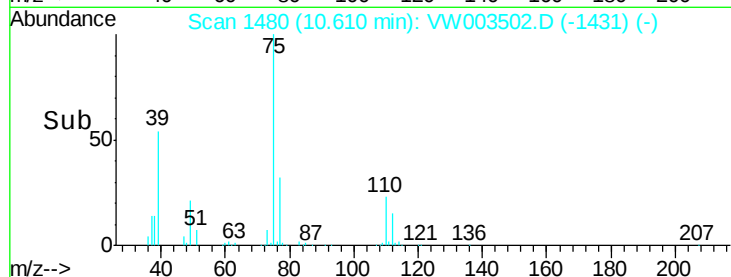
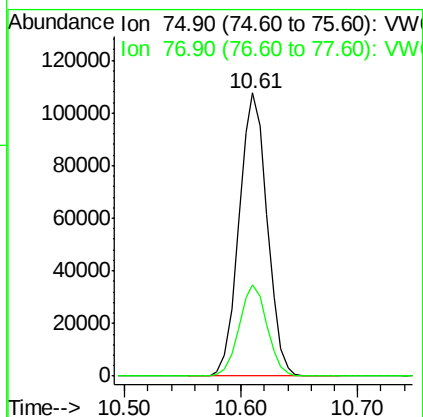
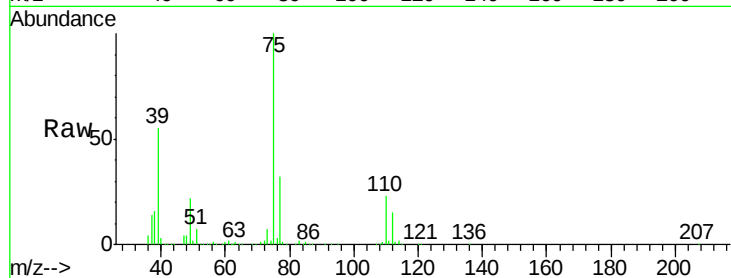
VSTDCCC050

Tgt Ion: 75 Resp: 181020

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 50.100 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

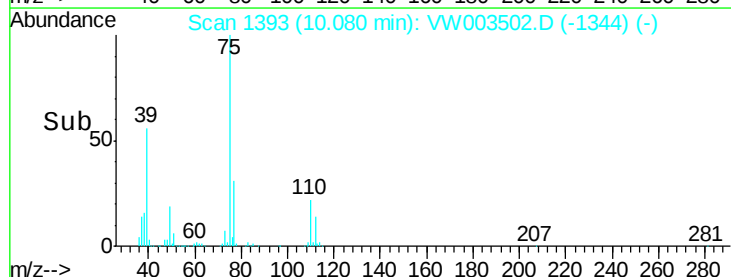
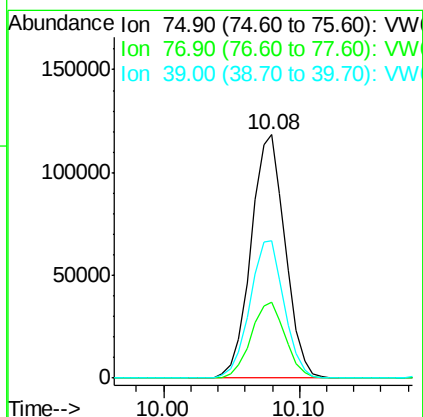
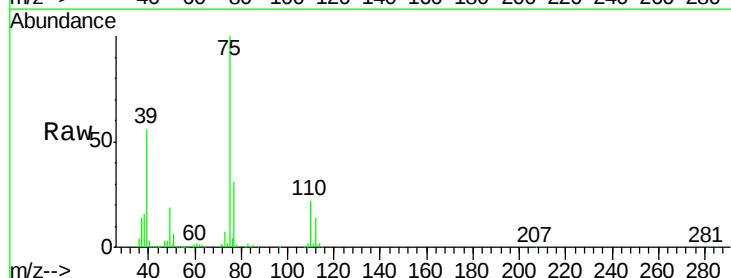
Tgt Ion: 75 Resp: 208806

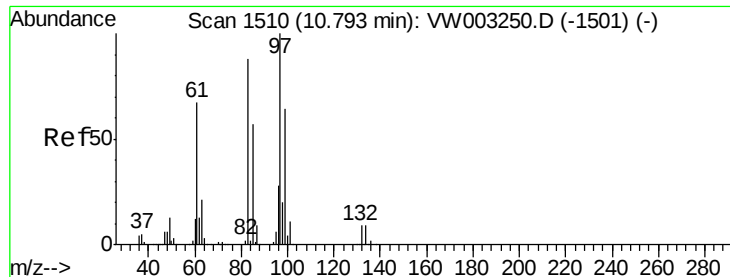
Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

39 56.1 45.2 67.8

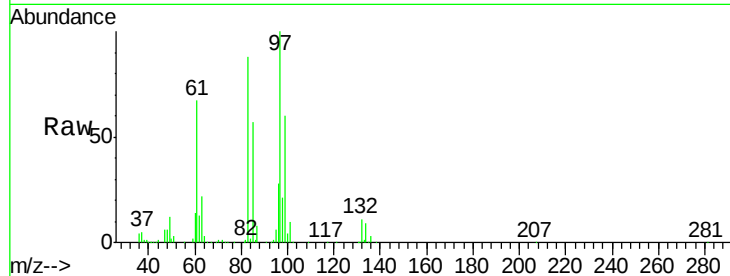




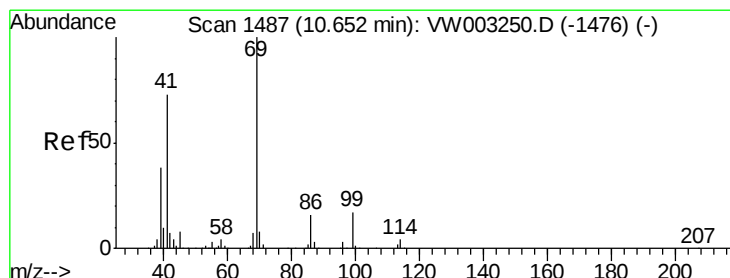
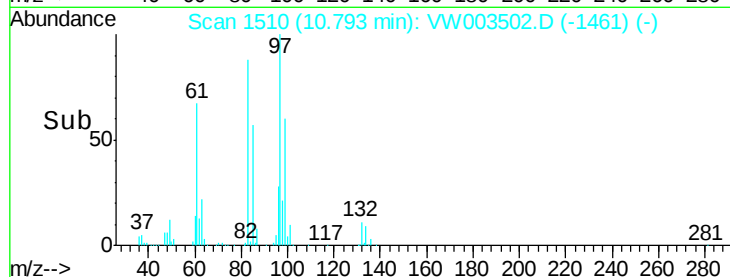
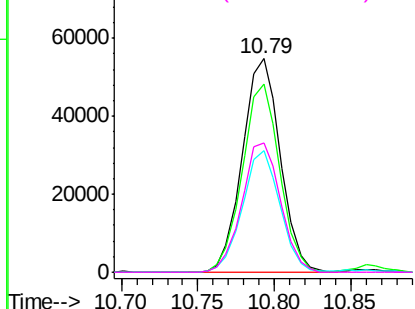
#55
 1,1,2-Trichloroethane
 Concen: 47.954 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 94501
 Ion Ratio Lower Upper
 97 100
 83 88.2 70.2 105.2
 85 56.7 45.6 68.4
 99 60.4 51.2 76.8

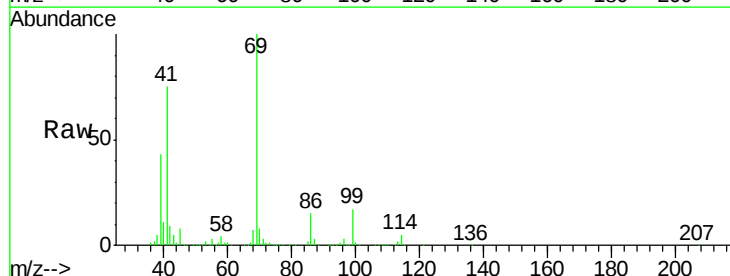


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

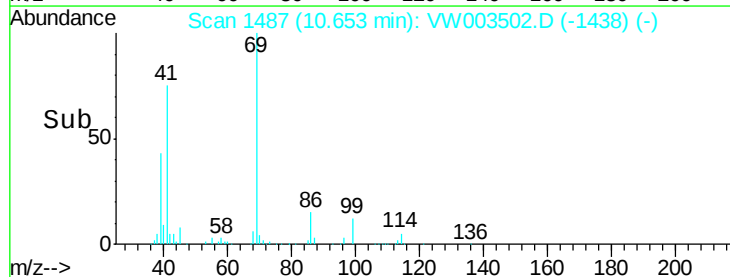
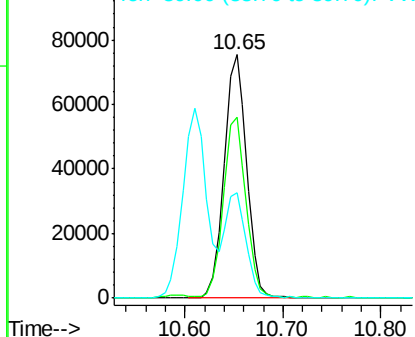


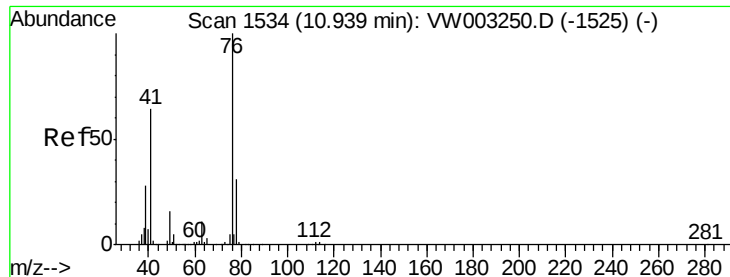
#56
 Ethyl methacrylate
 Concen: 49.928 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 69 Resp: 119479
 Ion Ratio Lower Upper
 69 100
 41 74.2 57.8 86.6
 39 40.4 32.7 49.1



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

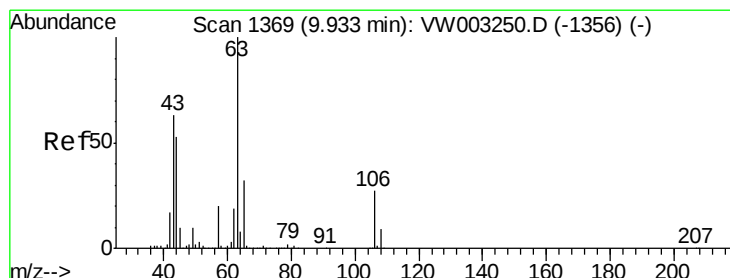
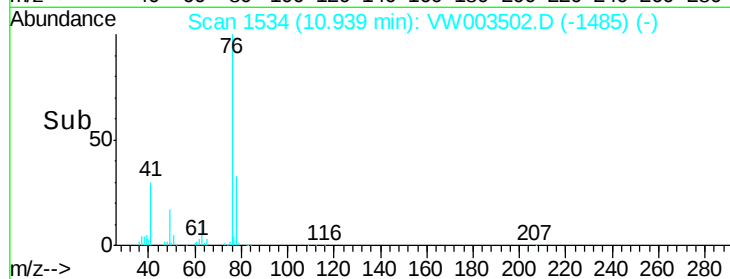
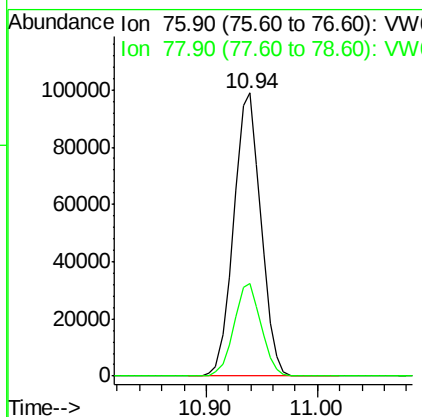
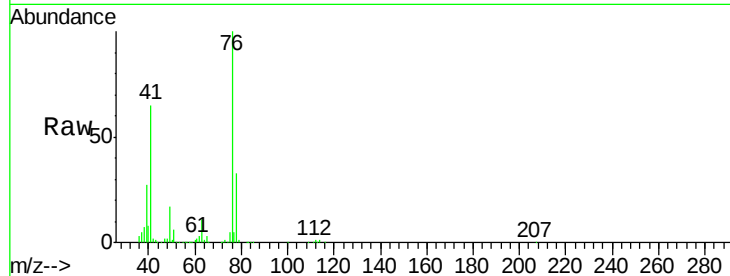




#57
 1,3-Dichloropropane
 Concen: 49.137 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

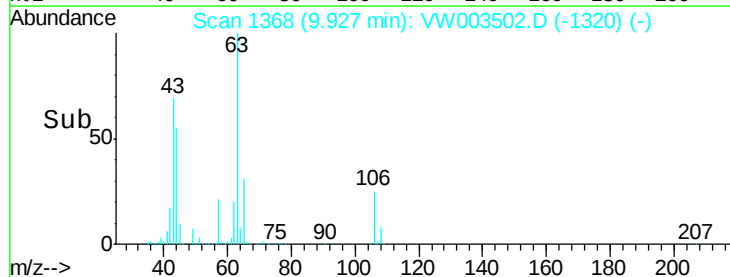
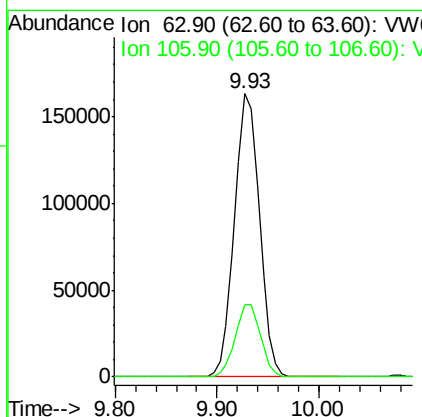
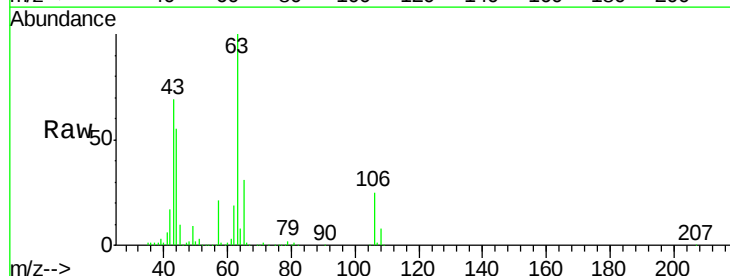
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

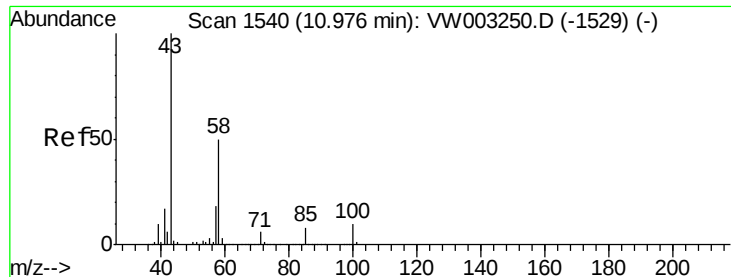
Tgt Ion: 76 Resp: 167007
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 257.845 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 63 Resp: 276603
 Ion Ratio Lower Upper
 63 100
 106 25.9 21.8 32.8

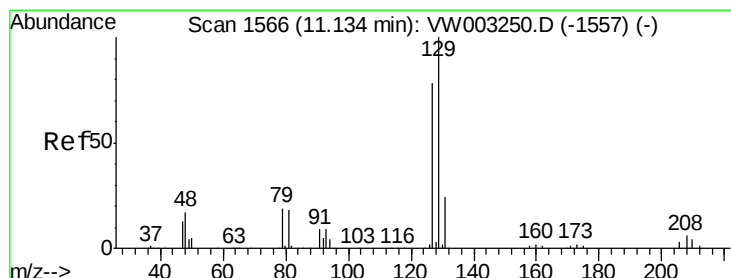
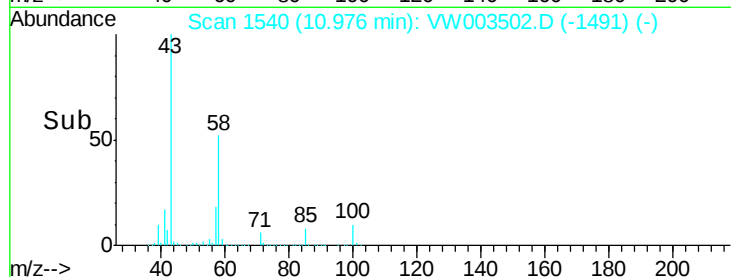
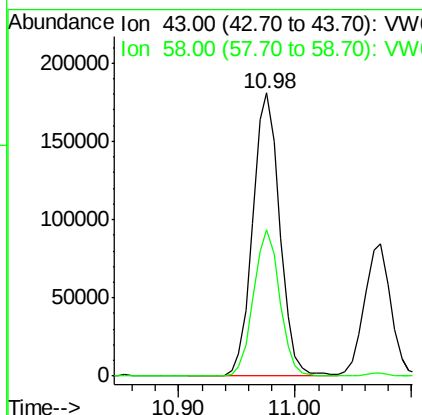
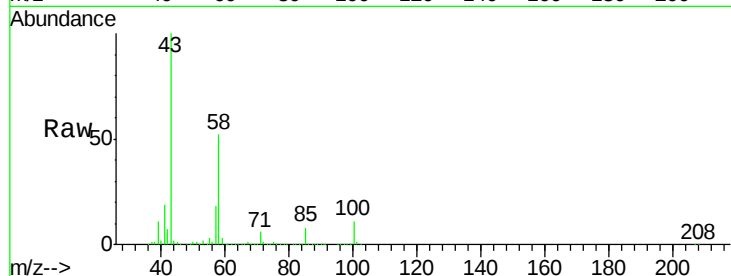




#59
2-Hexanone
Concen: 258.552 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

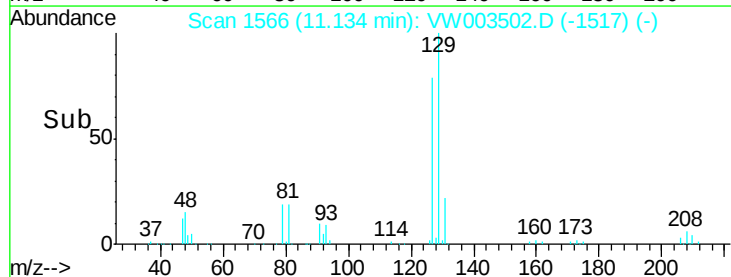
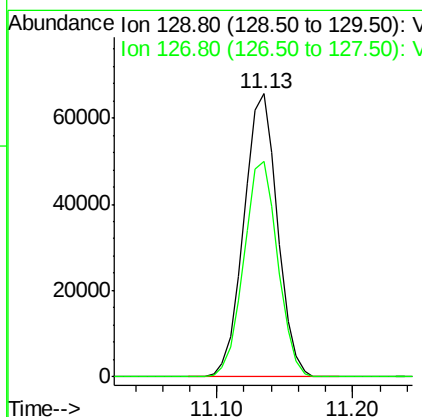
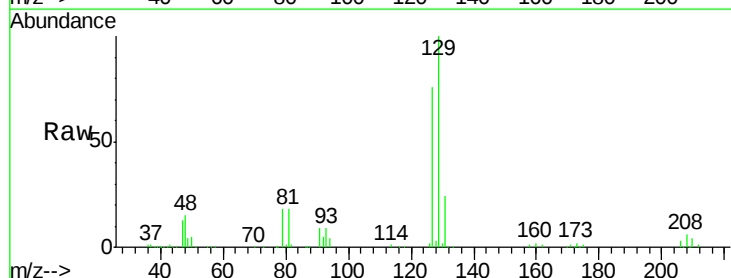
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

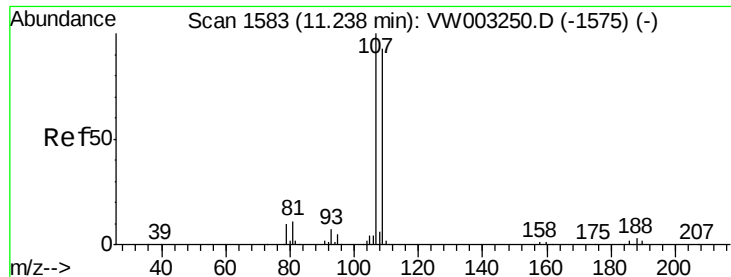
Tgt Ion: 43 Resp: 294661
Ion Ratio Lower Upper
43 100
58 50.0 25.0 75.0



#60
Dibromochloromethane
Concen: 48.494 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 129 Resp: 113648
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.5

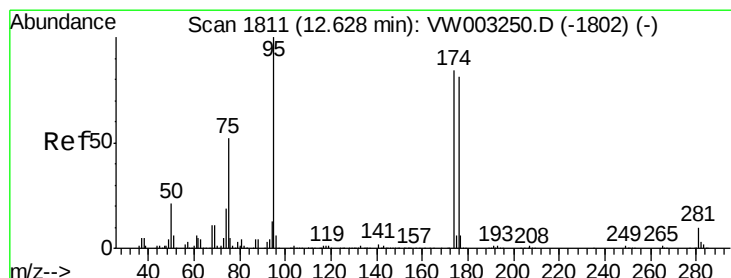
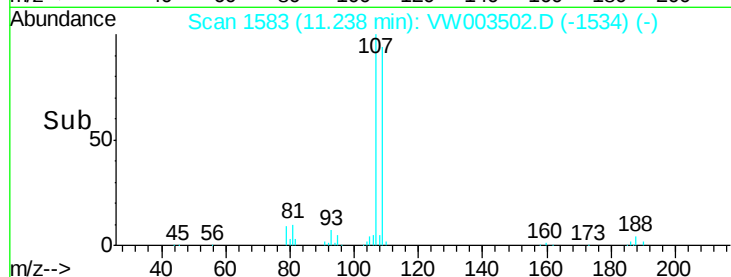
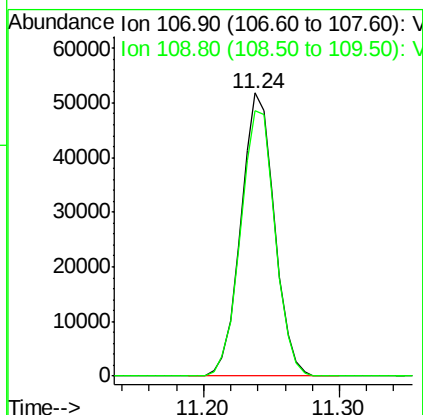
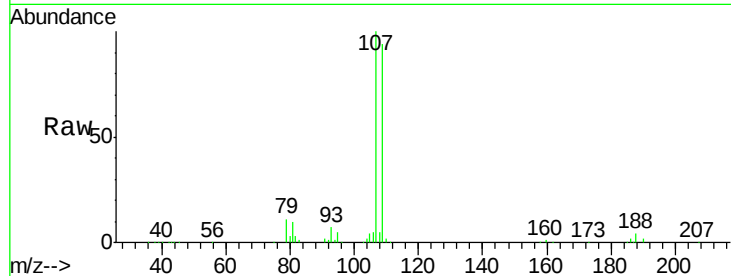




#61
 1,2-Dibromoethane
 Concen: 47.842 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

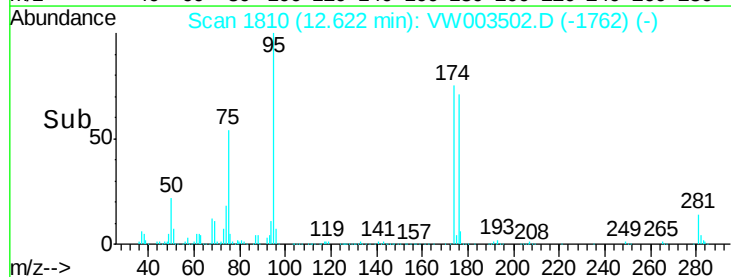
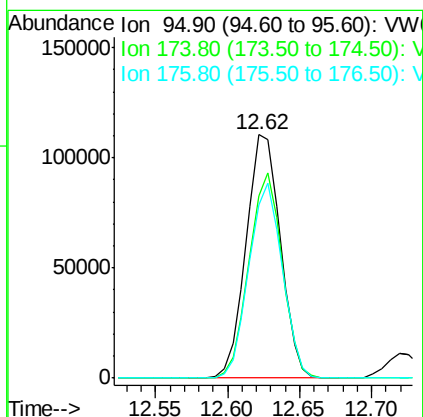
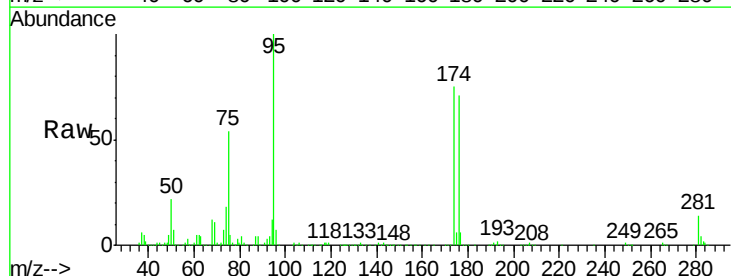
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

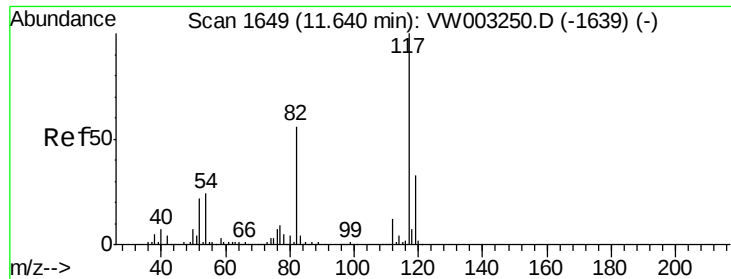
Tgt Ion: 107 Resp: 89181
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 51.814 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 95 Resp: 182074
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 166.4
 176 78.0 0.0 162.0

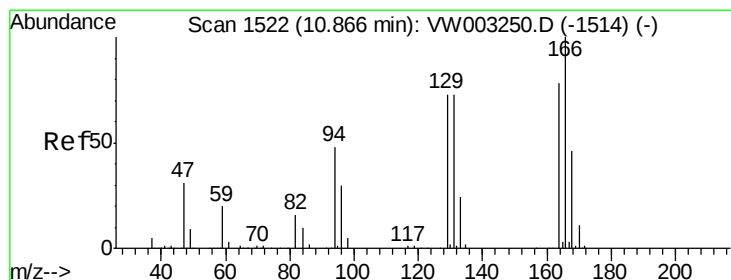
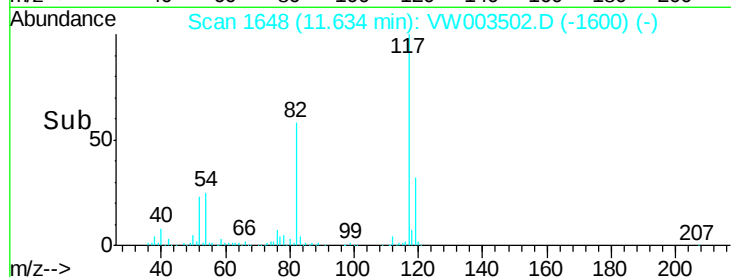
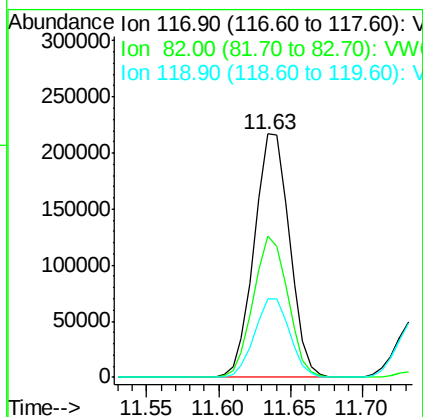
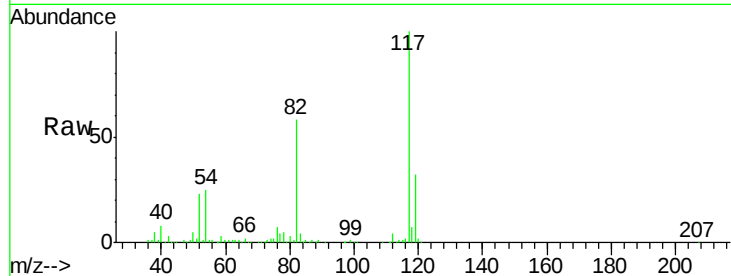




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

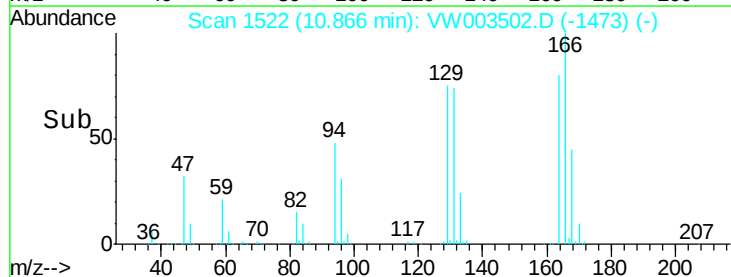
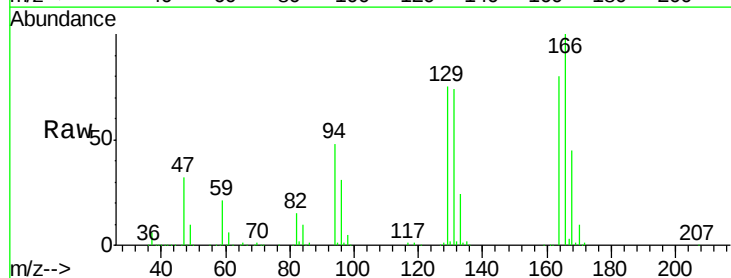
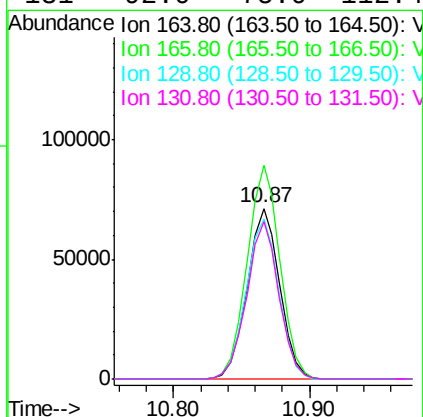
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

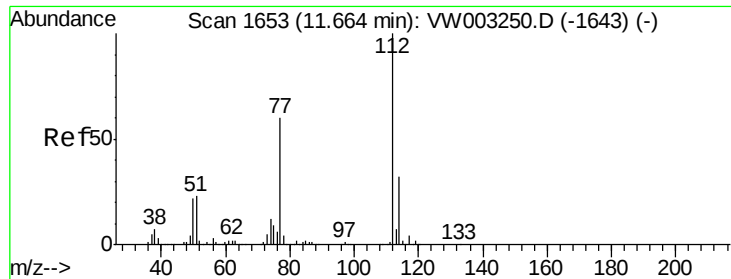
Tgt Ion:117 Resp: 368281
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 32.1 26.7 40.1



#64
Tetrachloroethene
Concen: 48.346 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion:164 Resp: 119088
Ion Ratio Lower Upper
164 100
166 125.1 102.6 154.0
129 94.0 75.2 112.8
131 92.0 75.0 112.4

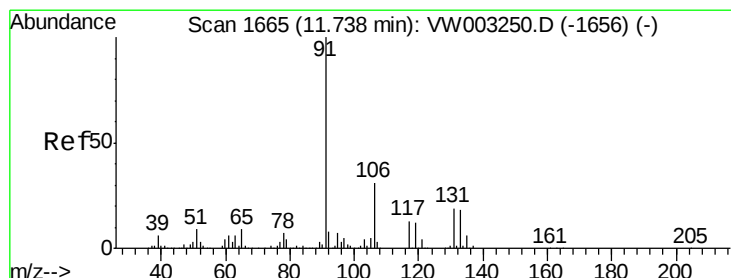
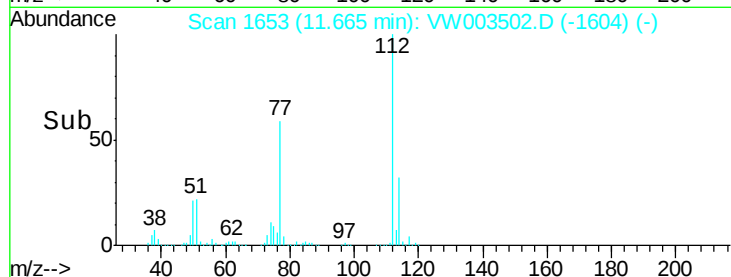
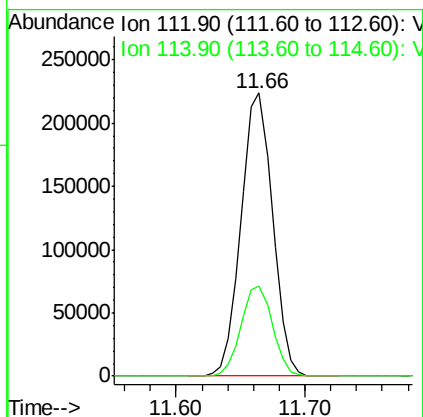
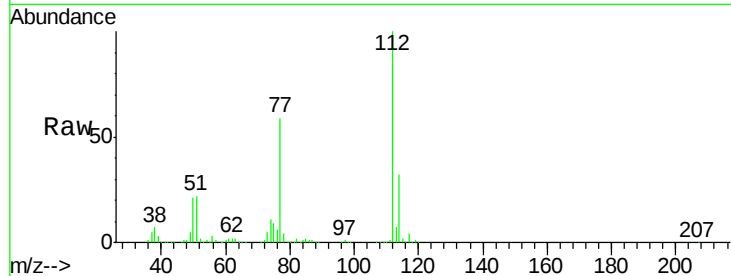




#65
Chlorobenzene
Concen: 49.335 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

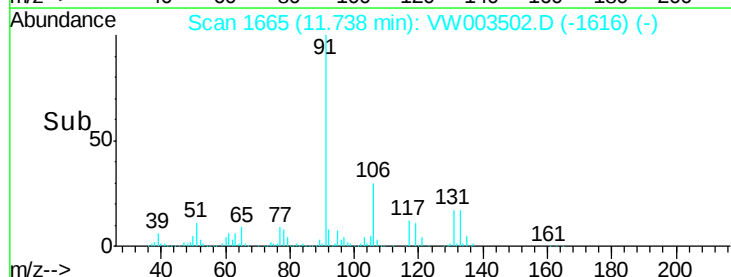
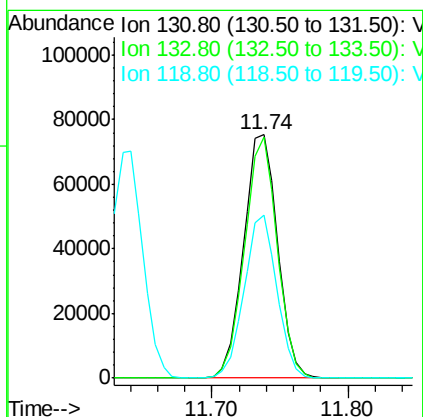
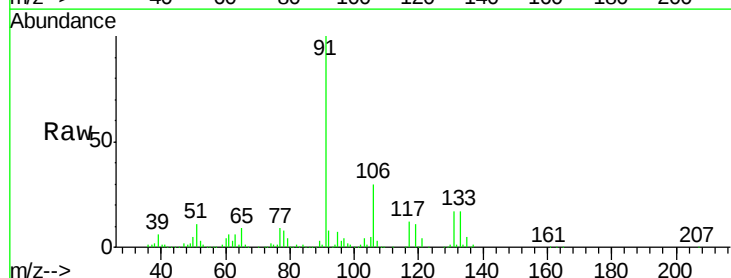
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

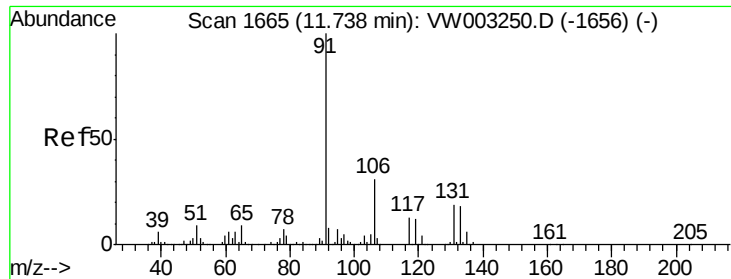
Tgt Ion:112 Resp: 378356
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 48.905 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion:131 Resp: 131804
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 64.4 32.5 97.4

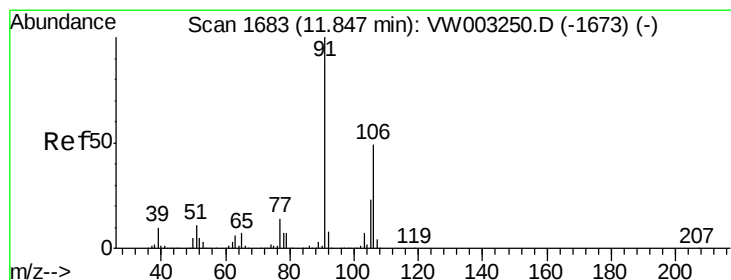
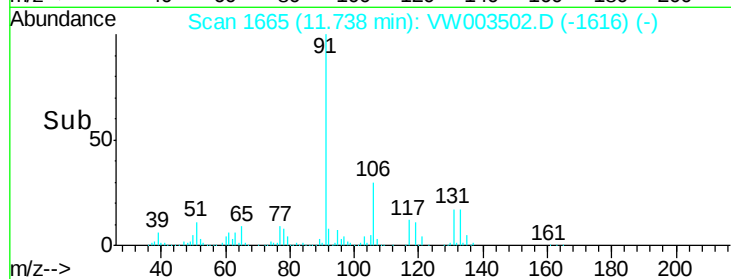
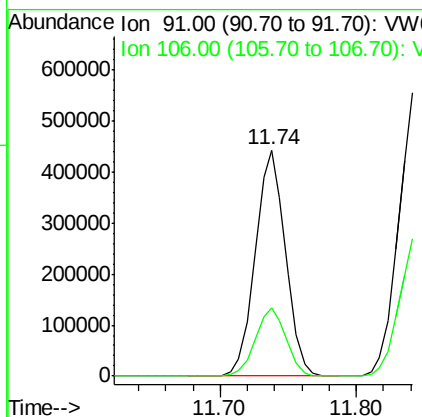
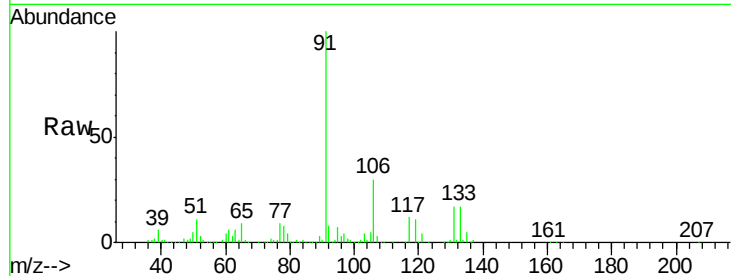




#67
Ethyl Benzene
Concen: 50.679 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

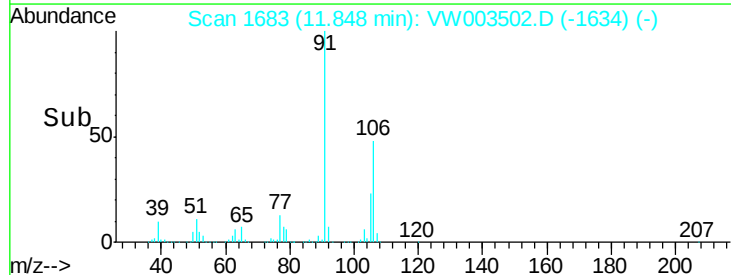
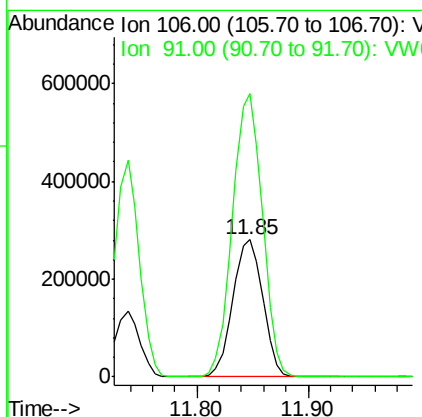
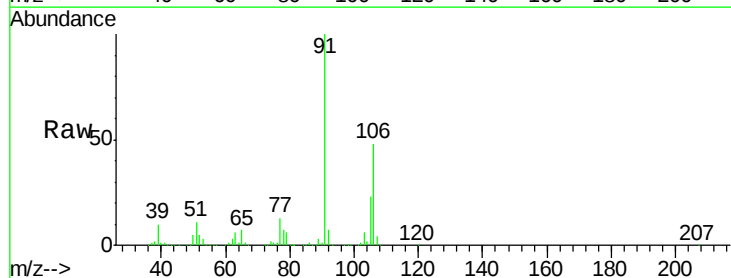
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

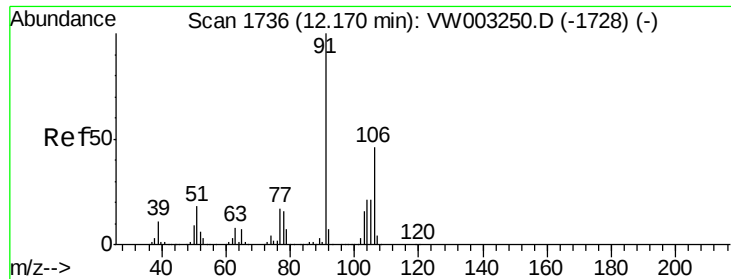
Tgt Ion: 91 Resp: 688963
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 101.257 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion: 106 Resp: 523274
Ion Ratio Lower Upper
106 100
91 206.0 165.4 248.0

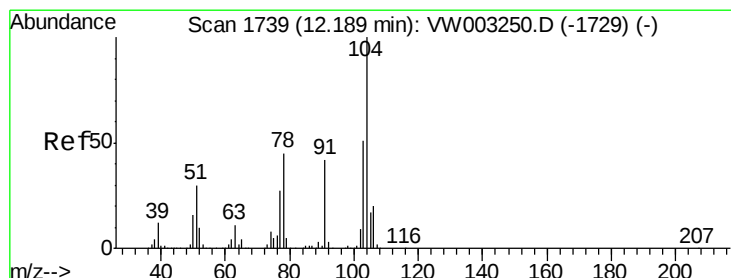
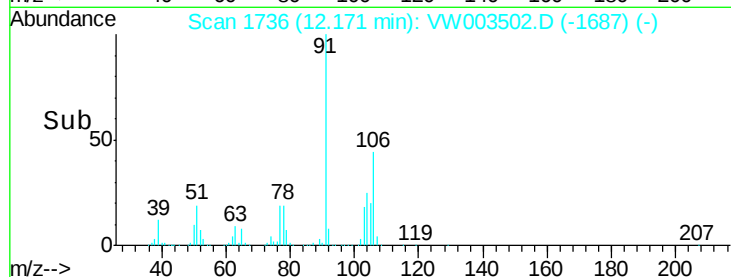
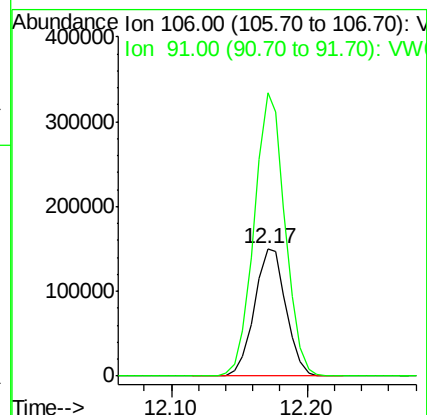
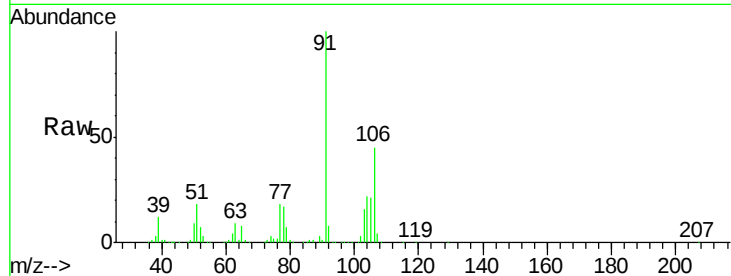




#69
o-Xylene
Concen: 50.911 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

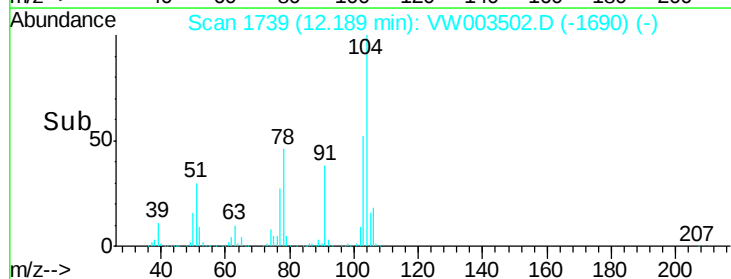
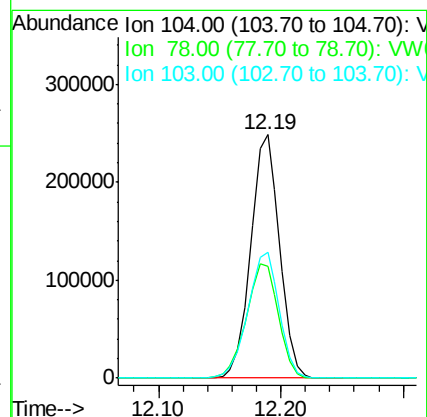
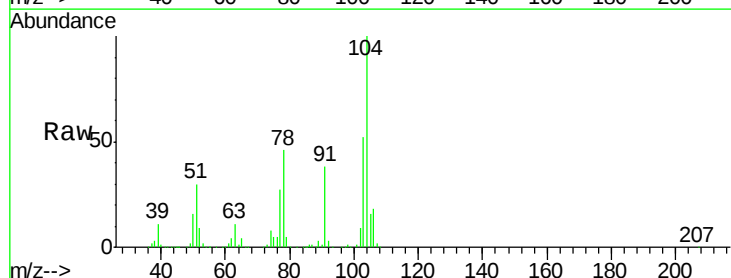
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

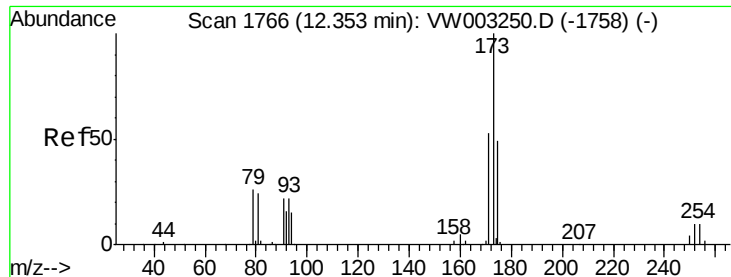
Tgt Ion:106 Resp: 243831
Ion Ratio Lower Upper
106 100
91 218.0 108.6 325.6



#70
Styrene
Concen: 51.099 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion:104 Resp: 407356
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 56.1 45.0 67.4





#71

Bromoform

Concen: 46.810 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

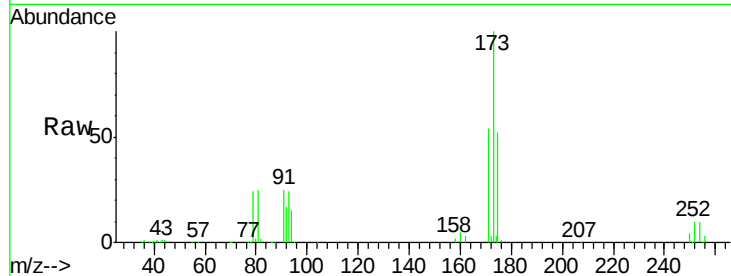
Tgt Ion:173 Resp: 65383

Ion Ratio Lower Upper

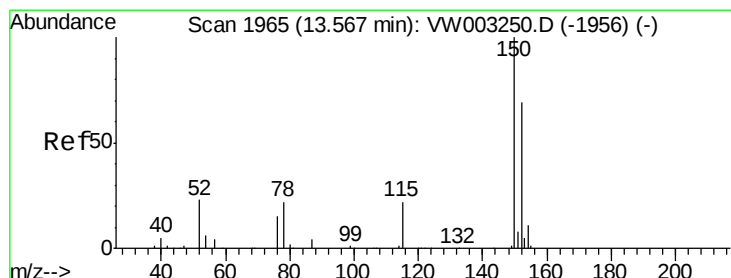
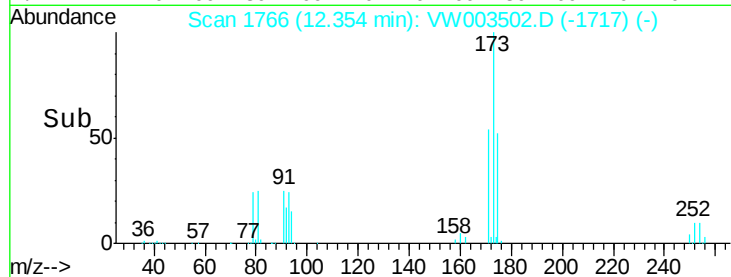
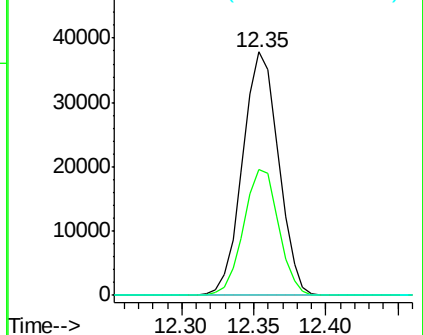
173 100

175 50.4 24.4 73.4

254 0.2 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# 1965

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

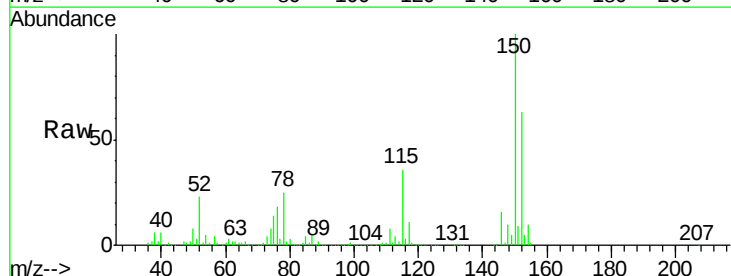
Tgt Ion:152 Resp: 195447

Ion Ratio Lower Upper

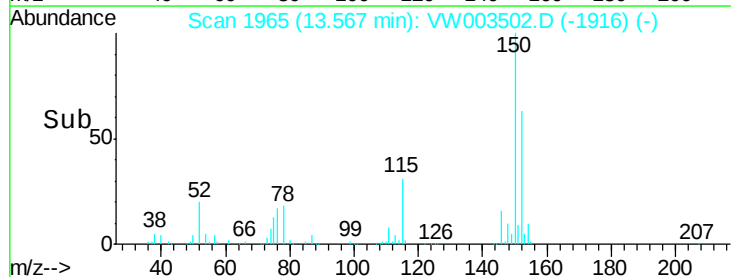
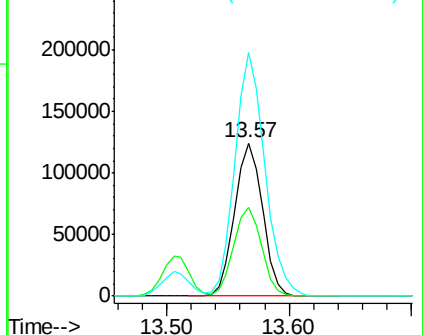
152 100

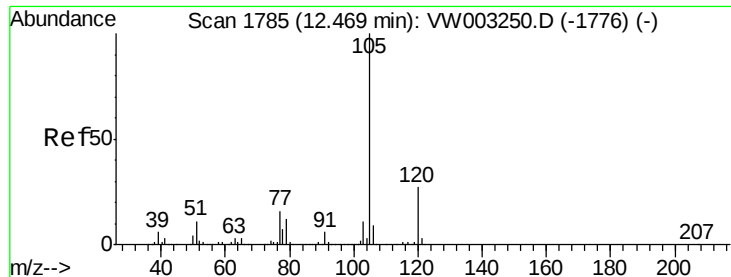
115 58.3 29.3 88.0

150 171.4 0.0 349.6



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: 51.283 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

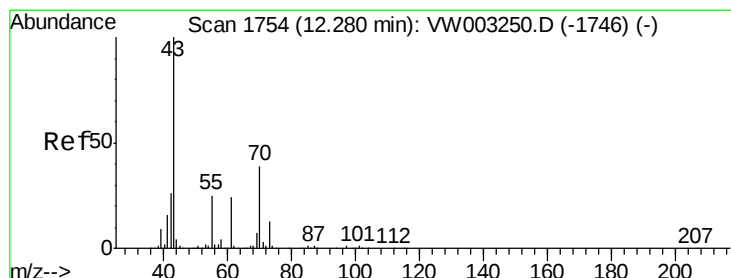
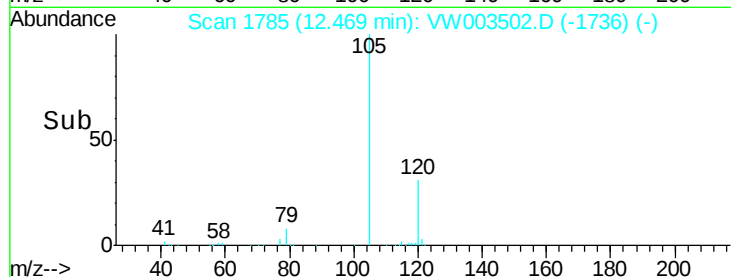
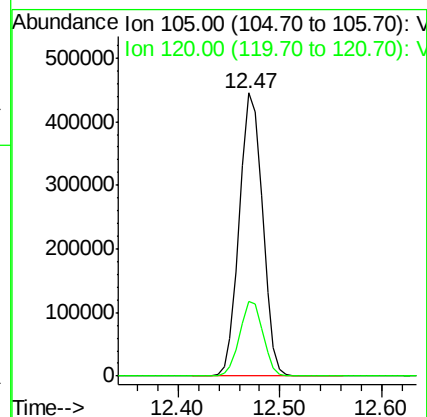
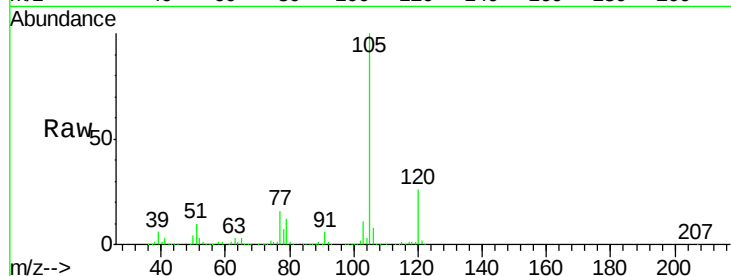
VSTDCCC050

Tgt Ion:105 Resp: 697151

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 48.948 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Tgt Ion: 43 Resp: 151455

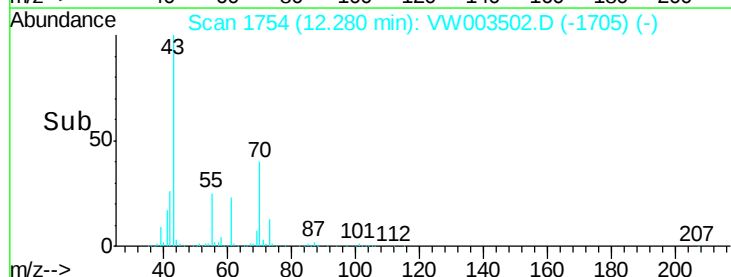
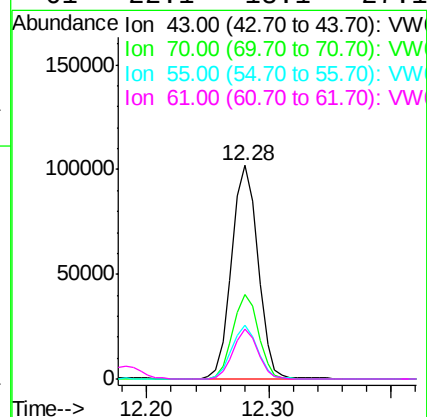
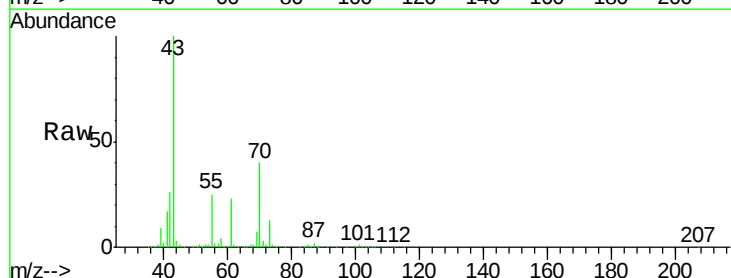
Ion Ratio Lower Upper

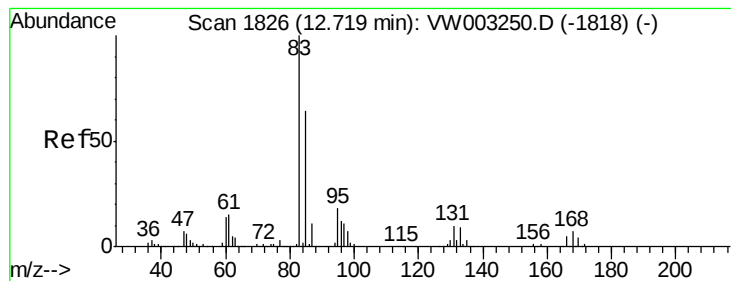
43 100

70 39.0 31.0 46.6

55 25.0 19.7 29.5

61 22.1 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.921 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

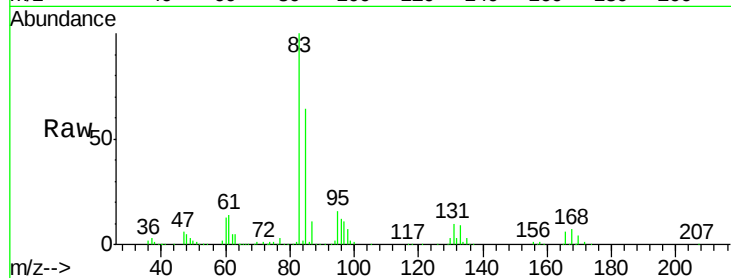
Tgt Ion: 83 Resp: 110210

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

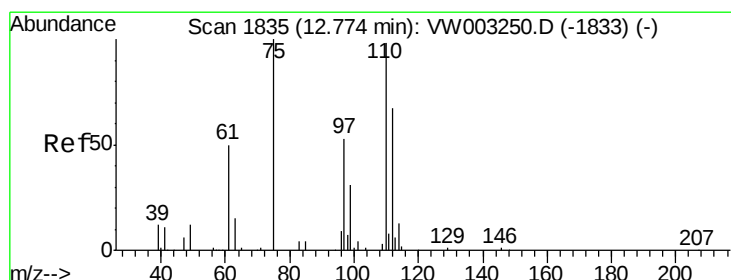
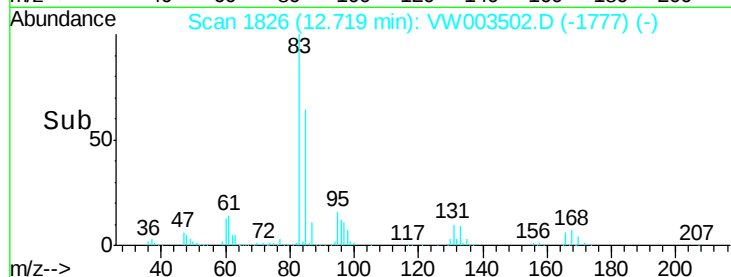
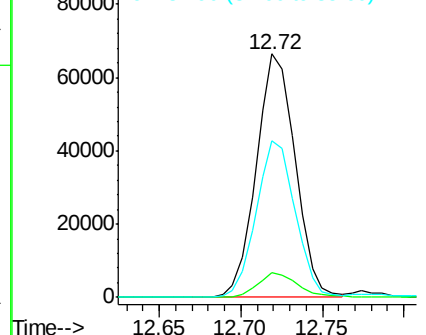
85 64.5 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.156 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003502.D

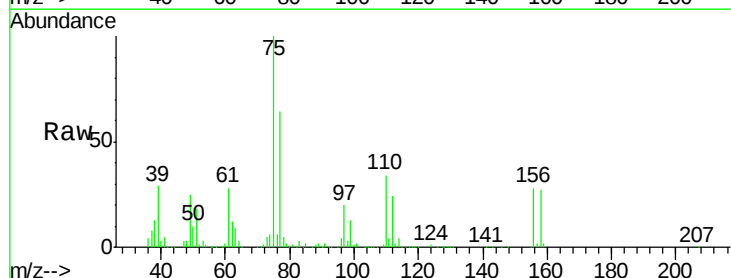
Acq: 24 Jun 2018 11:17

Tgt Ion: 75 Resp: 152307

Ion Ratio Lower Upper

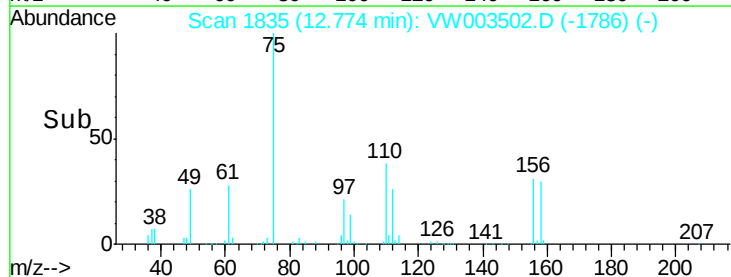
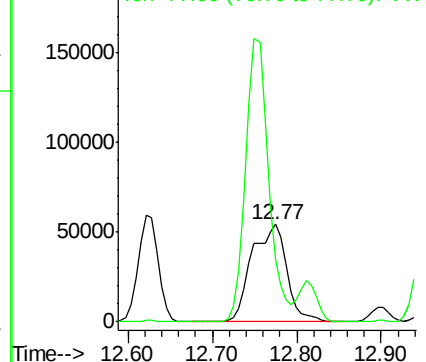
75 100

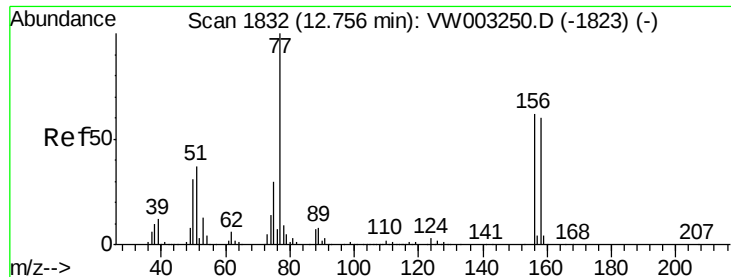
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.009 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

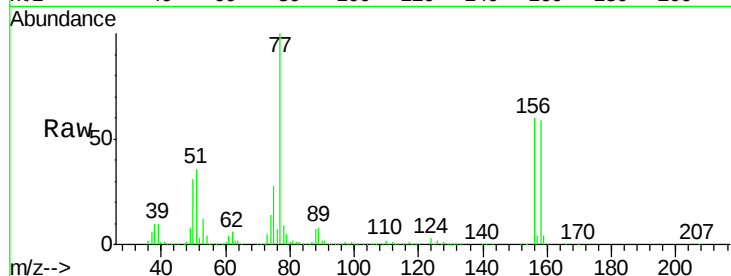
Tgt Ion:156 Resp: 151993

Ion Ratio Lower Upper

156 100

77 190.7 92.3 276.9

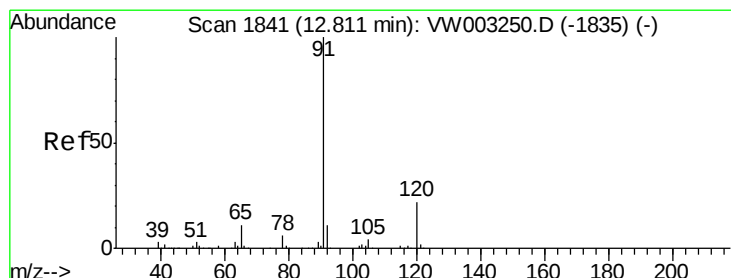
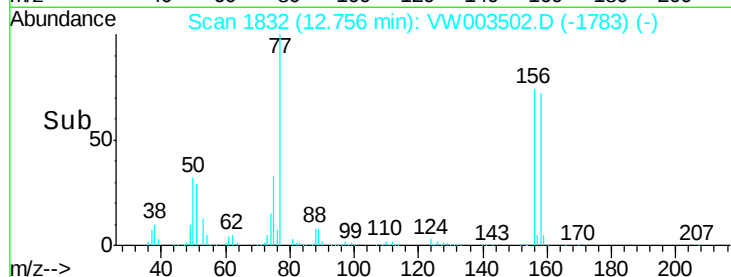
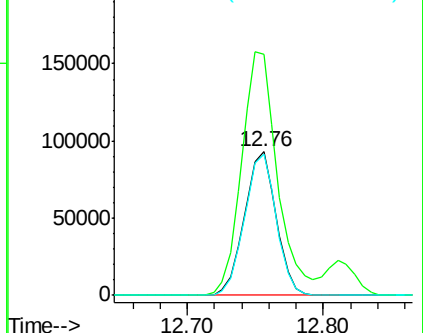
158 98.2 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.106 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003502.D

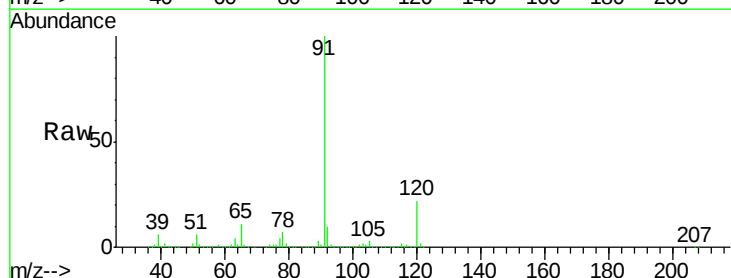
Acq: 24 Jun 2018 11:17

Tgt Ion: 91 Resp: 850700

Ion Ratio Lower Upper

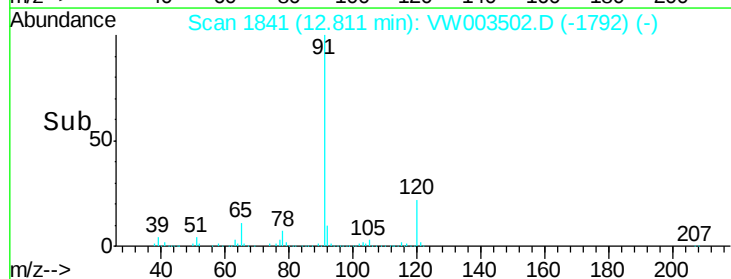
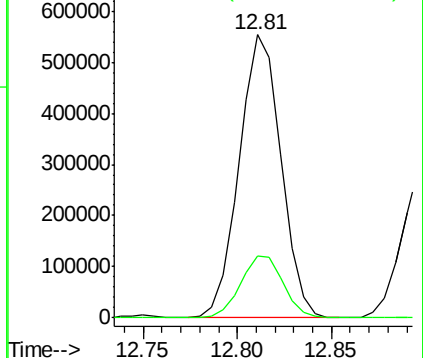
91 100

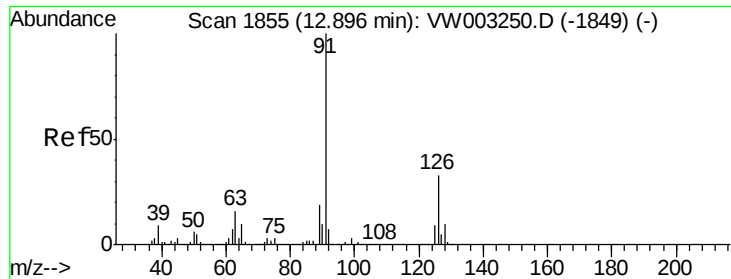
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

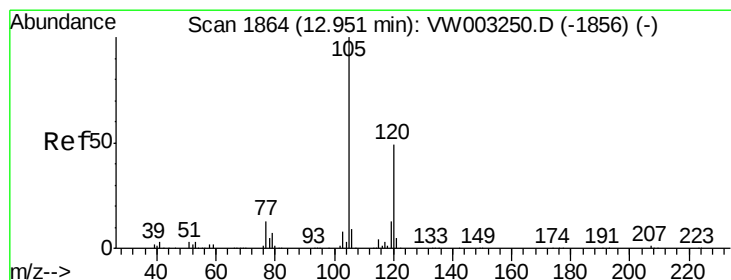
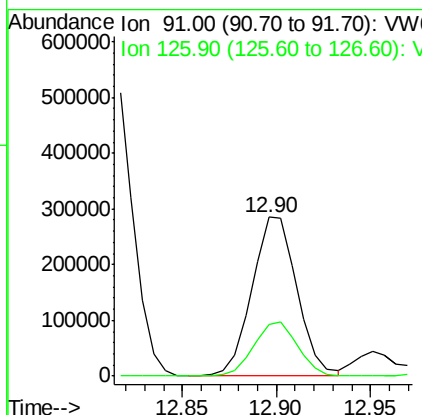
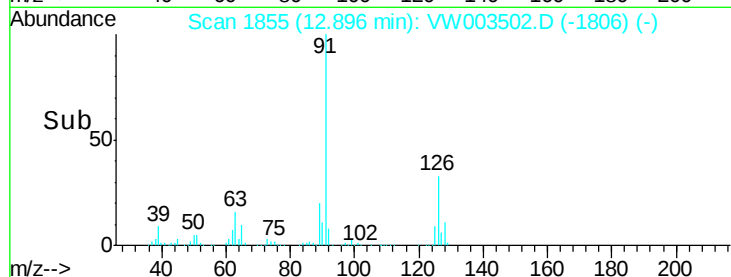
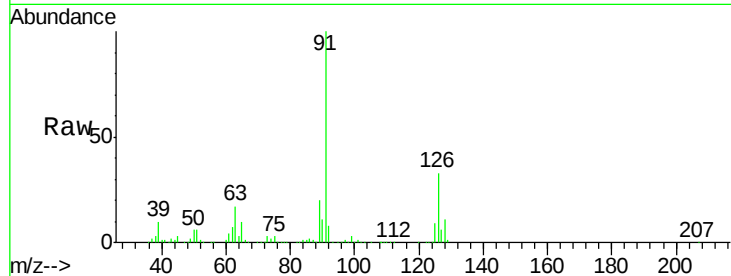




#79
 2-Chlorotoluene
 Concen: 50.272 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

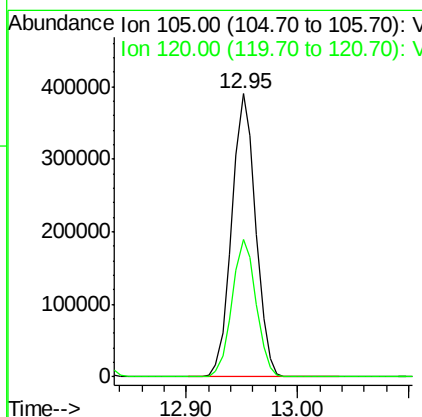
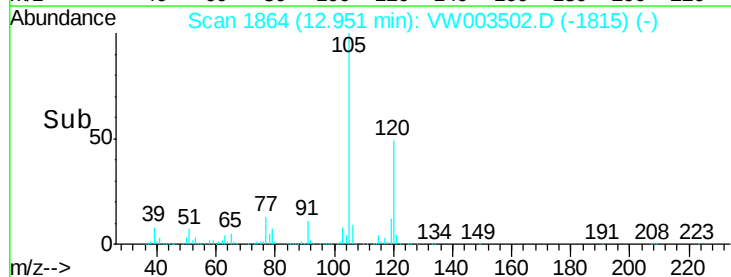
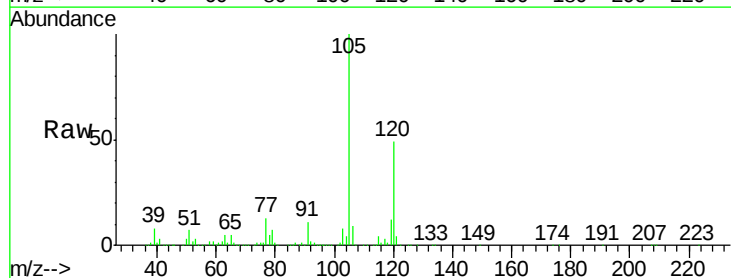
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

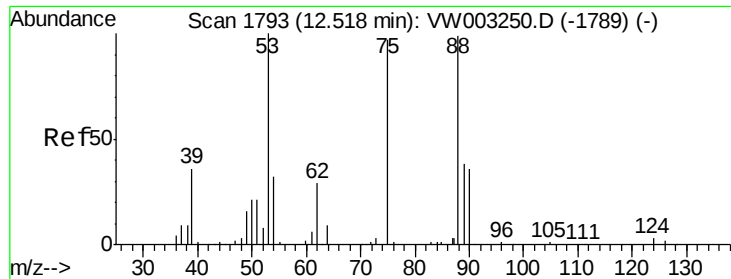
Tgt Ion: 91 Resp: 472900
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.858 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 105 Resp: 580313
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 46.510 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

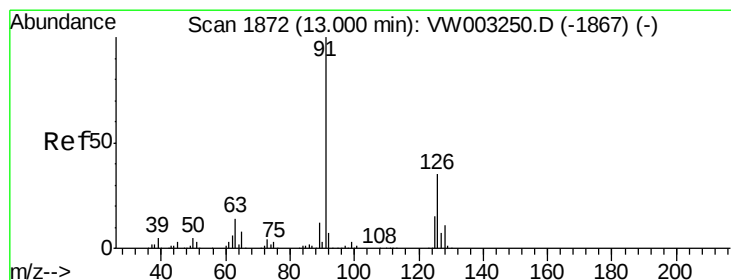
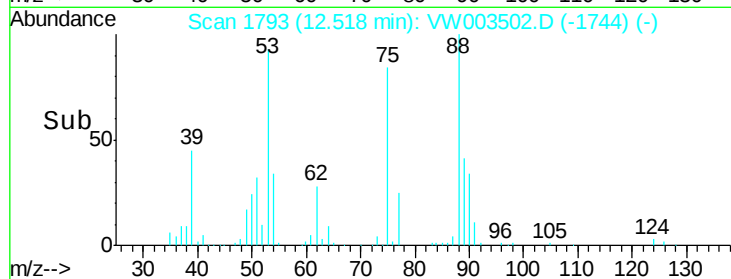
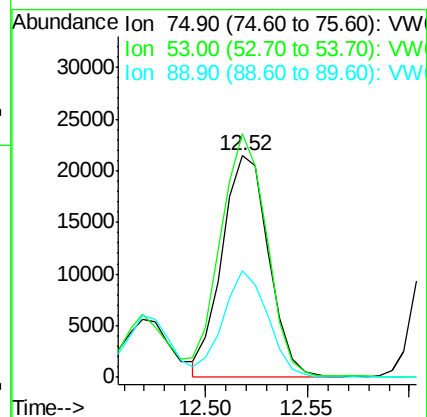
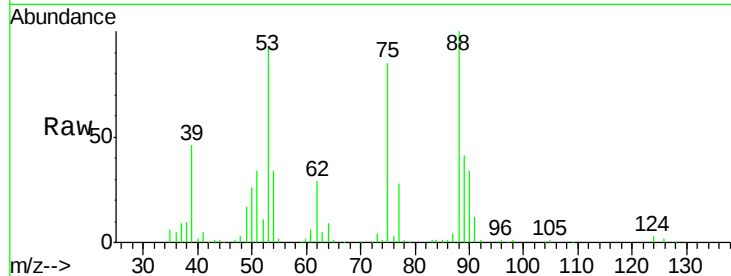
Tgt Ion: 75 Resp: 33772

Ion Ratio Lower Upper

75 100

53 111.9 82.9 124.3

89 46.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 50.124 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003502.D

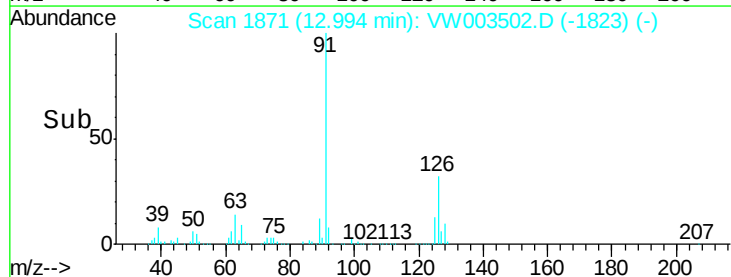
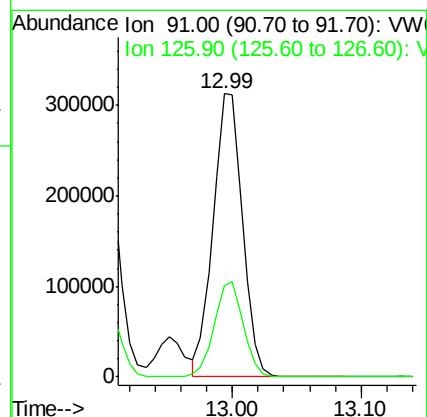
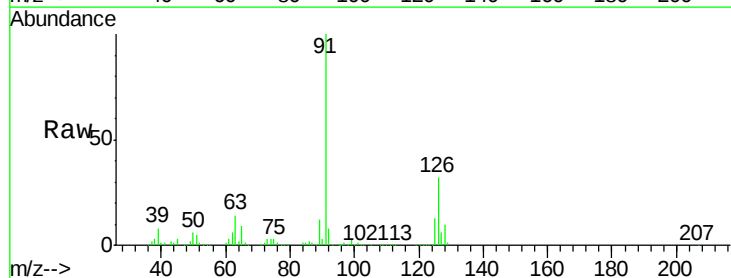
Acq: 24 Jun 2018 11:17

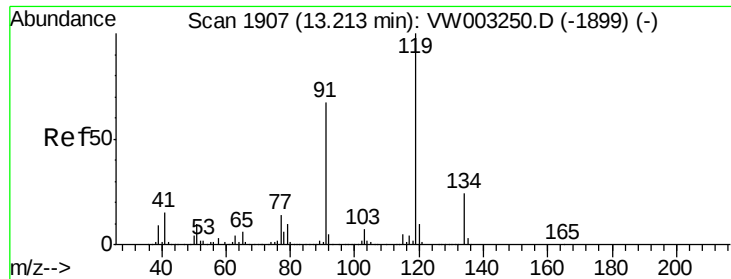
Tgt Ion: 91 Resp: 500186

Ion Ratio Lower Upper

91 100

126 33.5 16.8 50.3

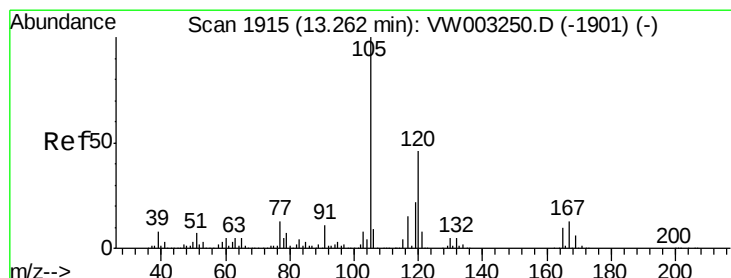
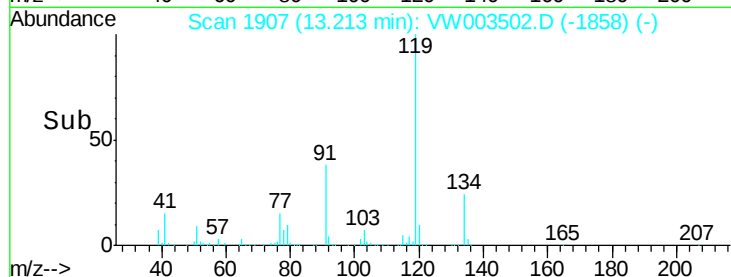
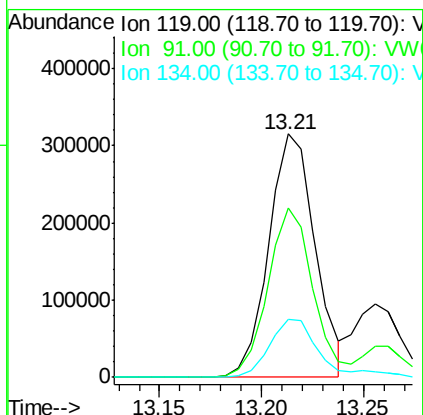
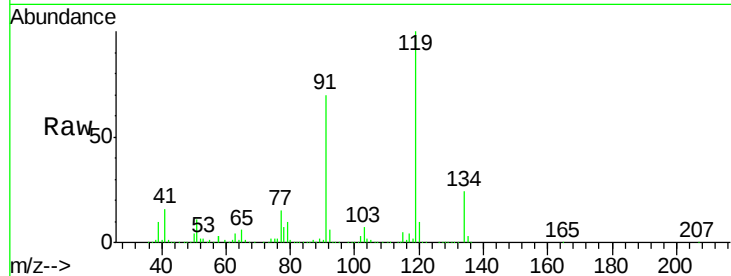




#83
 tert-Butylbenzene
 Concen: 51.456 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

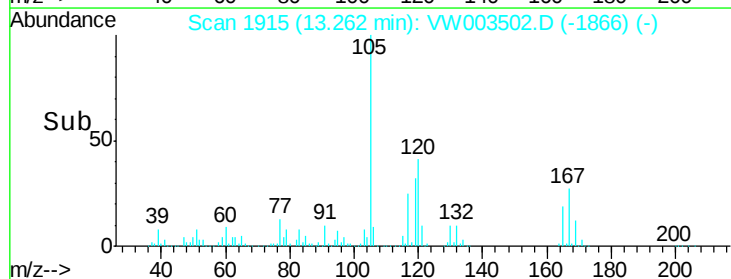
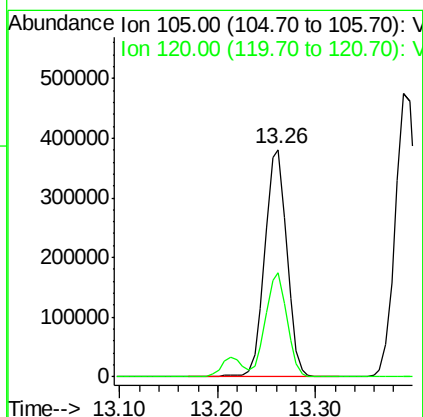
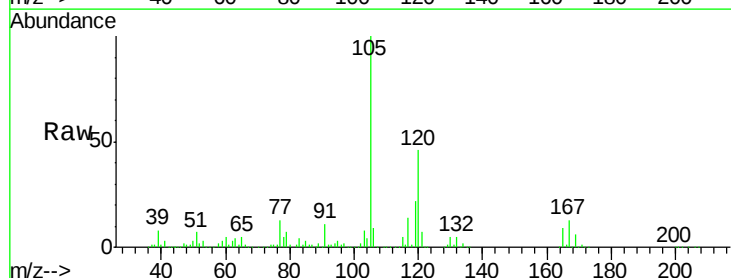
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

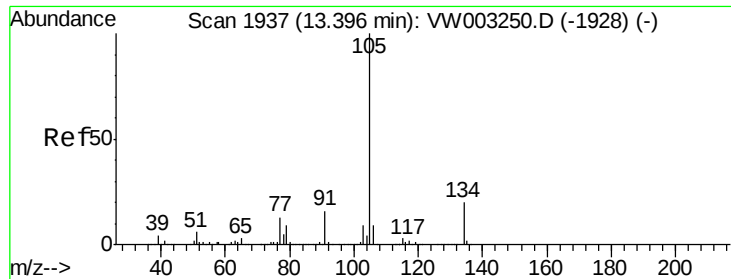
Tgt Ion:119 Resp: 500373
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.9 101.7
 134 26.2 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 50.696 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion:105 Resp: 595047
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.5 67.5

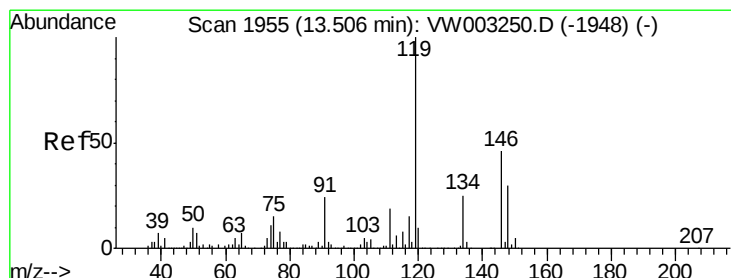
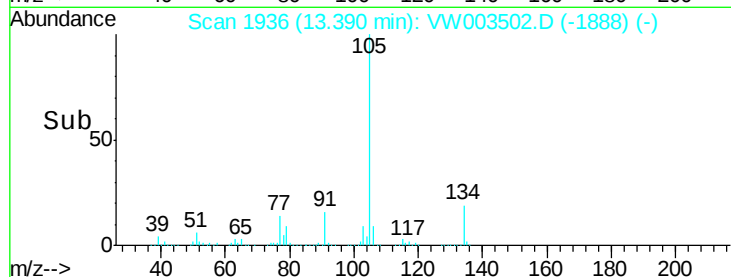
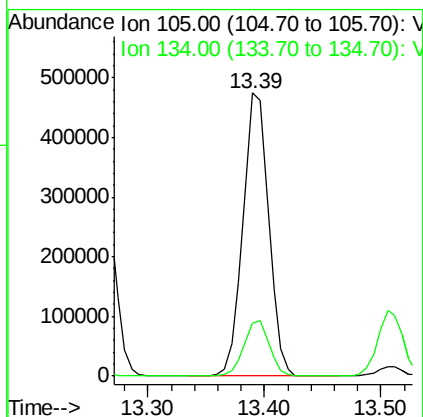
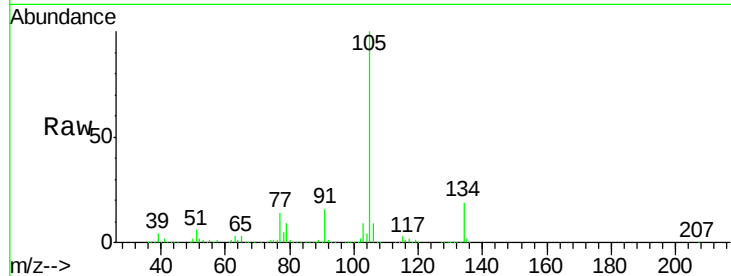




#85
 sec-Butylbenzene
 Concen: 50.858 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

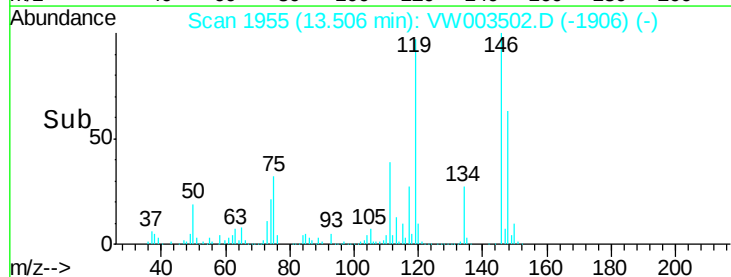
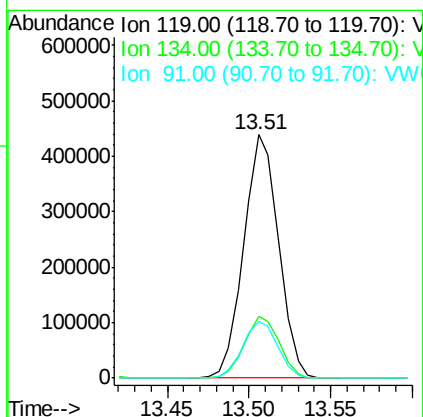
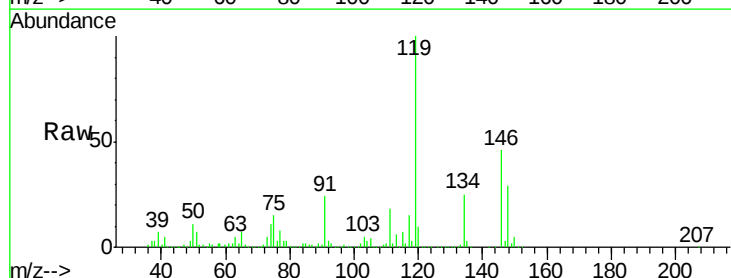
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

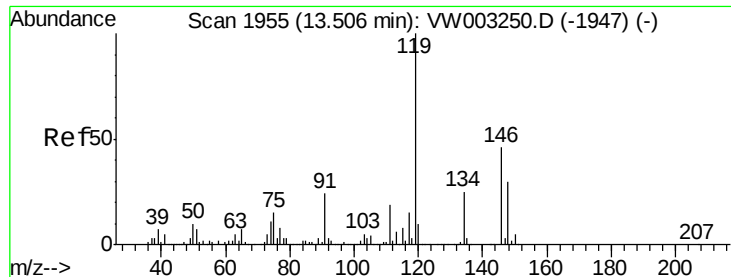
Tgt Ion:105 Resp: 735113
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 51.101 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion:119 Resp: 651470
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 23.7 11.8 35.3

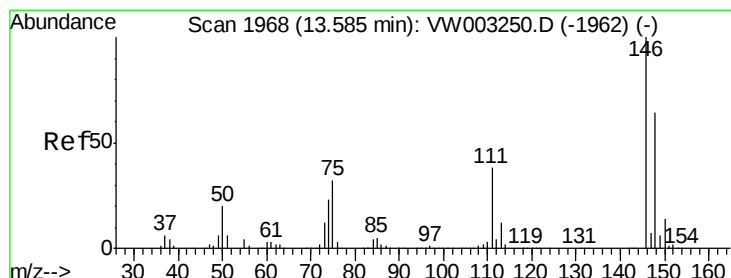
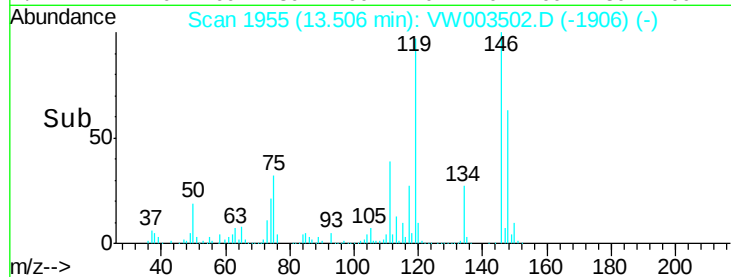
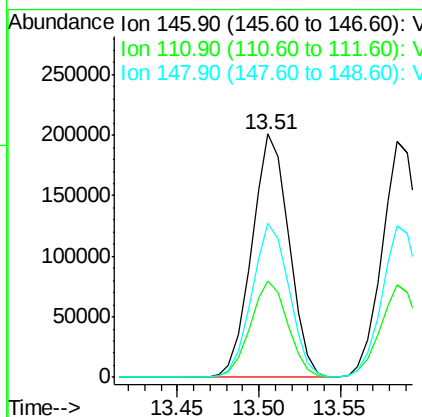
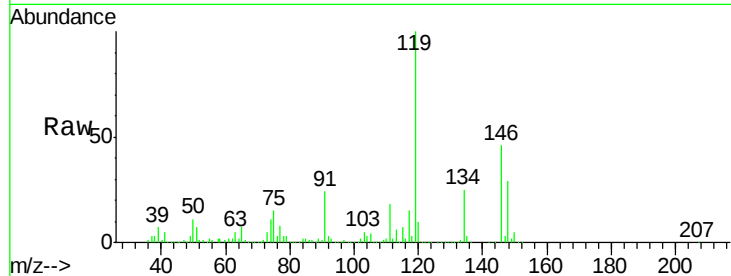




#87
 1,3-Dichlorobenzene
 Concen: 48.998 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

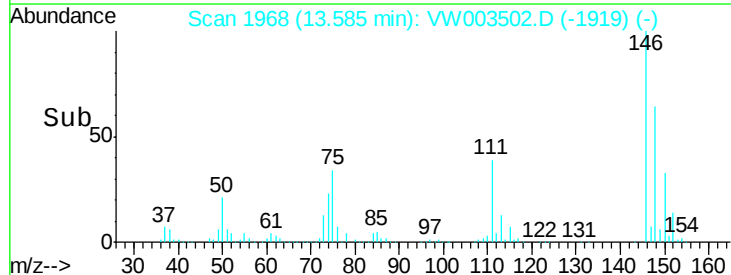
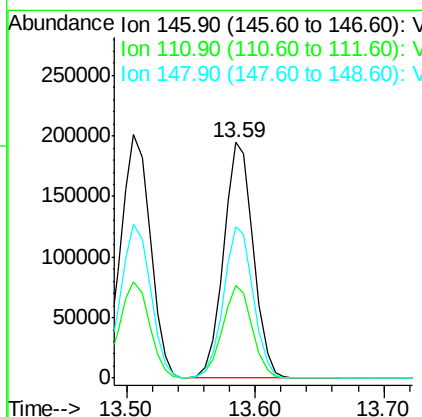
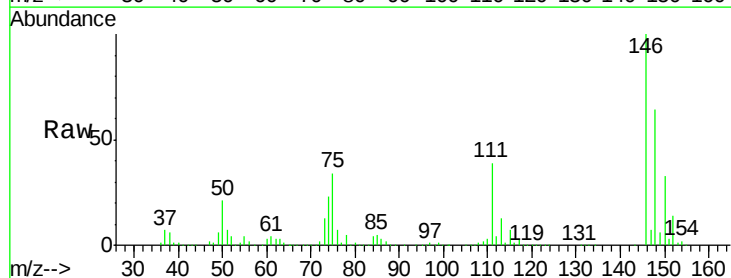
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

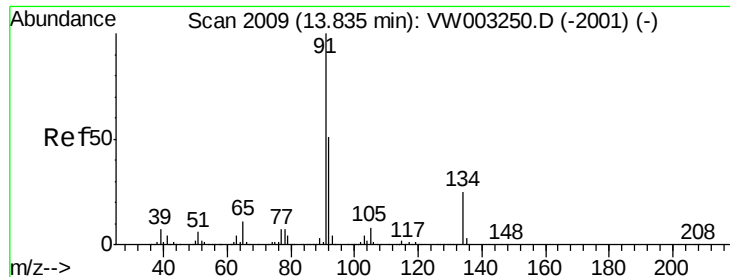
Tgt Ion:146 Resp: 318676
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 63.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 48.546 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion:146 Resp: 313884
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.2 57.6
 148 64.2 31.8 95.4





#89

n-Butylbenzene

Concen: 51.234 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003502.D

Acq: 24 Jun 2018 11:17

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

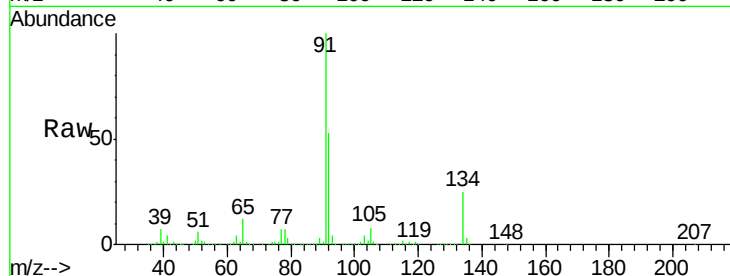
Tgt Ion: 91 Resp: 636669

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

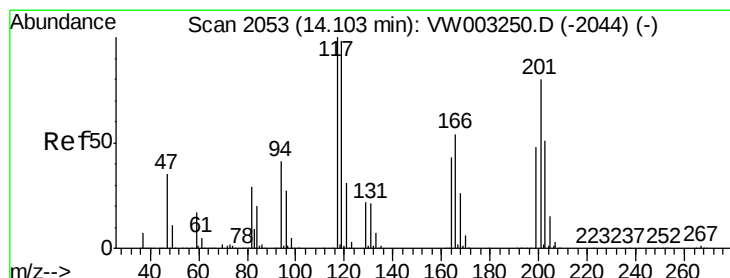
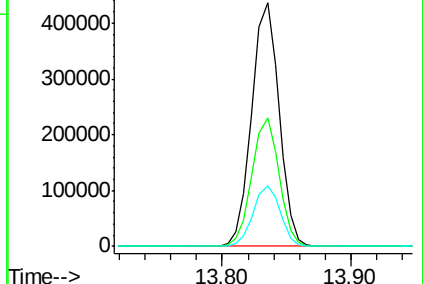
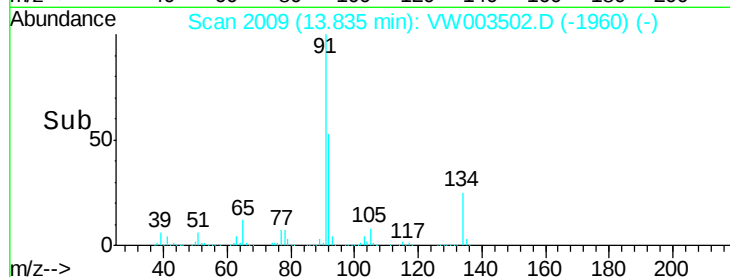
134 24.8 12.7 38.0



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: 49.779 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003502.D

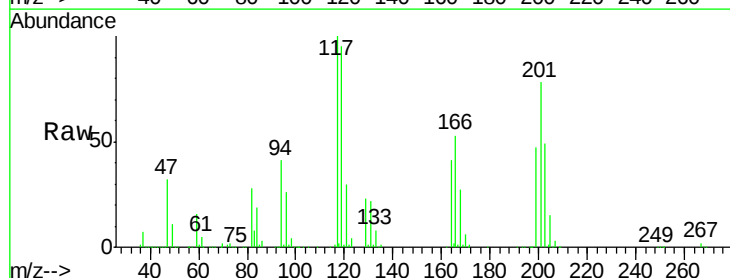
Acq: 24 Jun 2018 11:17

Tgt Ion: 117 Resp: 114801

Ion Ratio Lower Upper

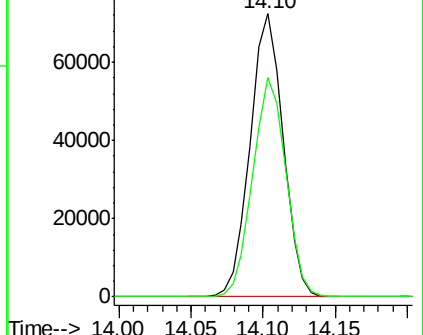
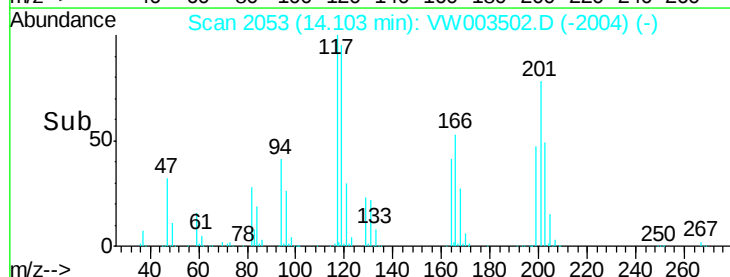
117 100

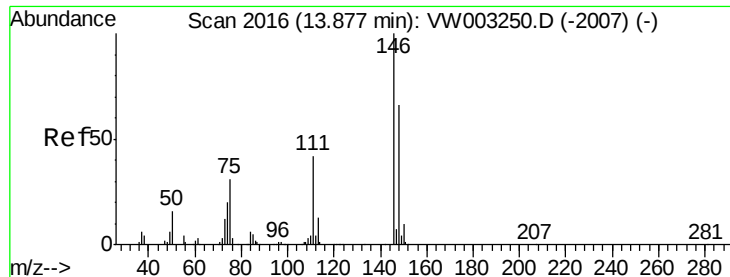
201 77.8 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

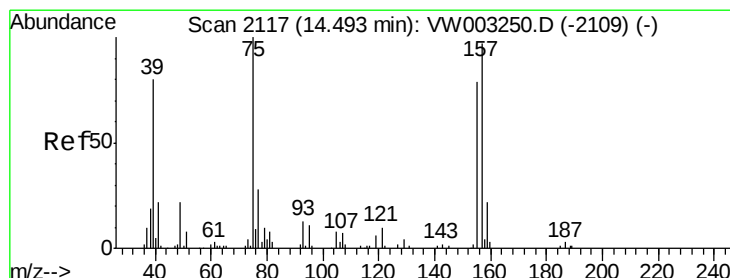
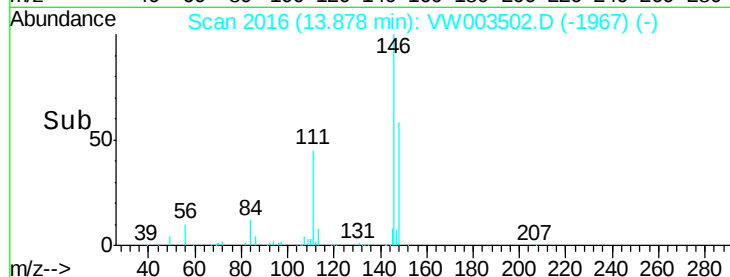
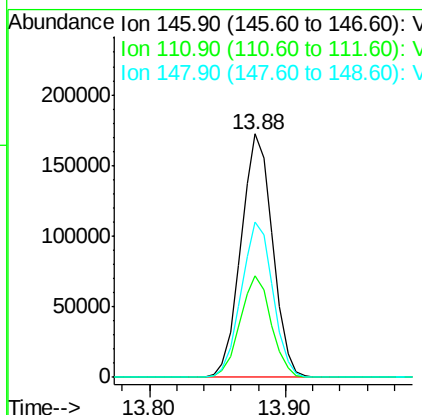
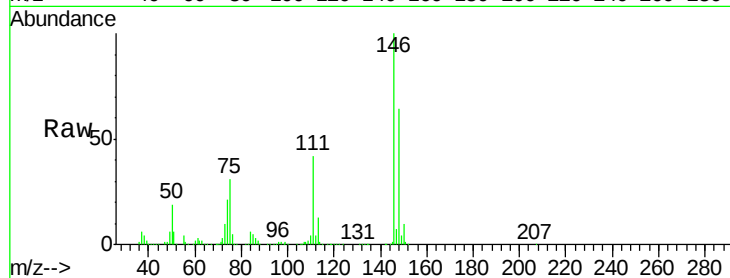




#91
 1,2-Dichlorobenzene
 Concen: 49.009 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

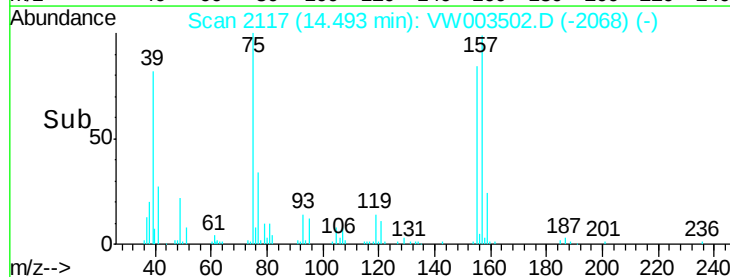
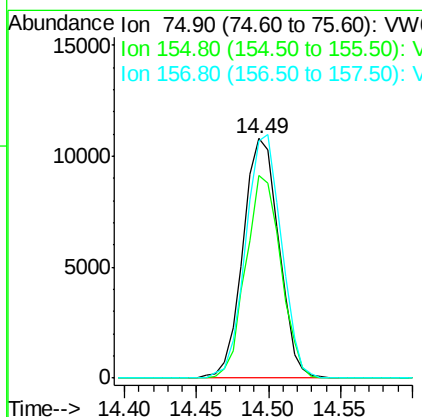
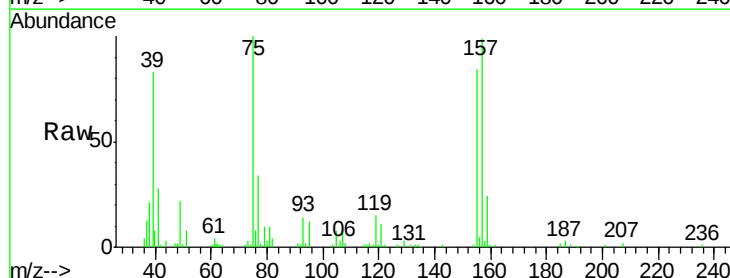
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

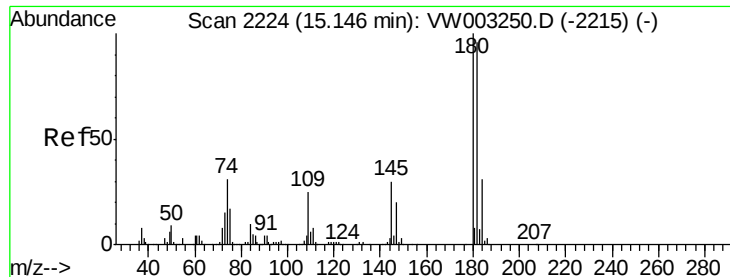
Tgt Ion: 146 Resp: 279206
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 64.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.945 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion: 75 Resp: 18556
 Ion Ratio Lower Upper
 75 100
 155 82.9 39.4 118.2
 157 100.6 51.5 154.5

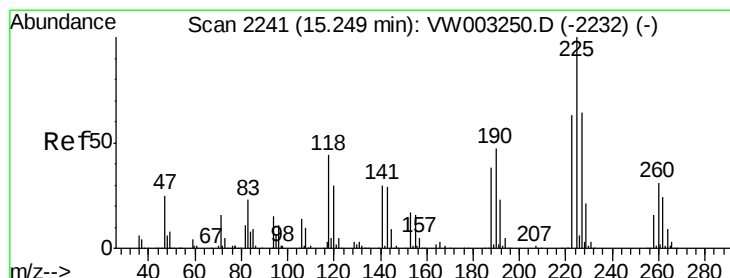
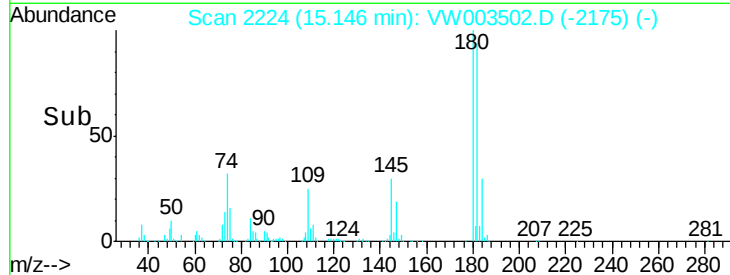
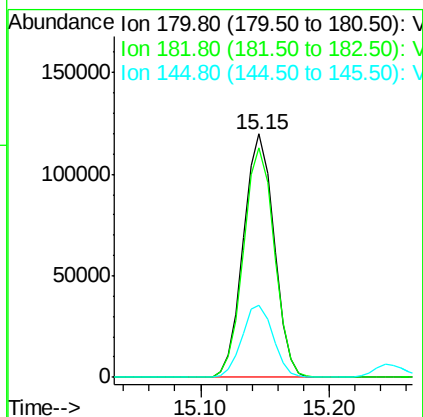
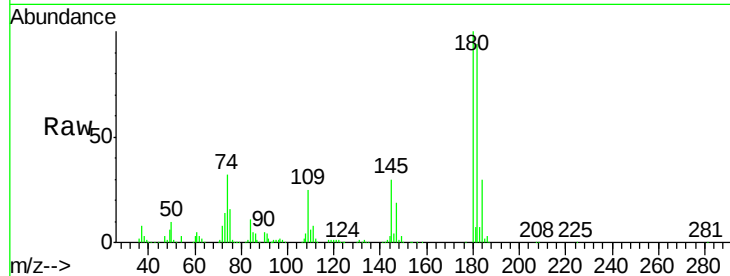




#93
 1,2,4-Trichlorobenzene
 Concen: 49.251 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

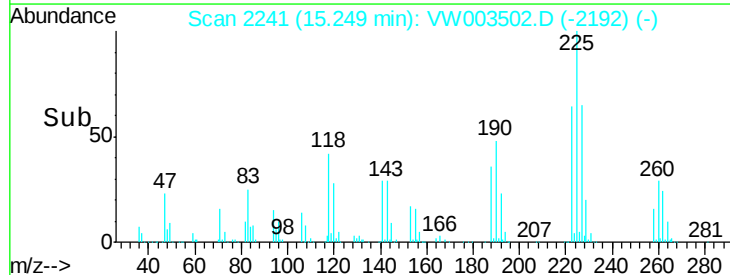
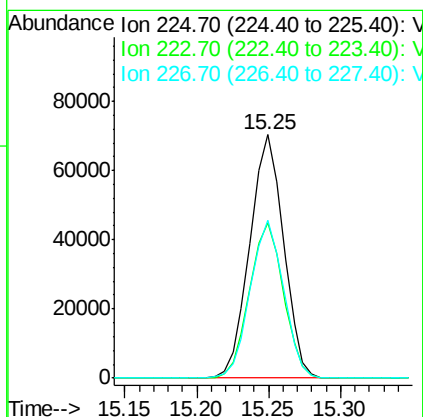
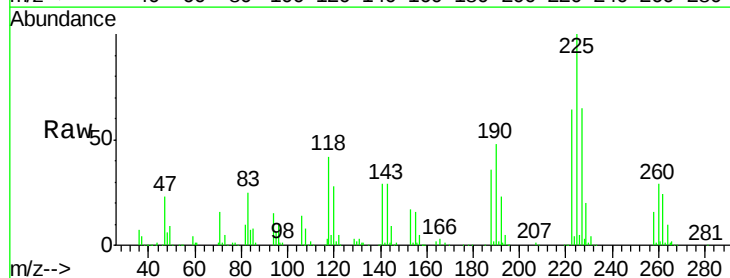
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

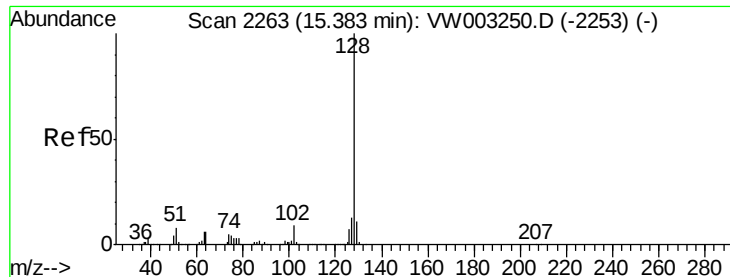
Tgt Ion:180 Resp: 196977
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.6
 145 30.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 47.471 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003502.D
 Acq: 24 Jun 2018 11:17

Tgt Ion:225 Resp: 114205
 Ion Ratio Lower Upper
 225 100
 223 64.2 30.6 92.0
 227 63.9 31.7 95.1

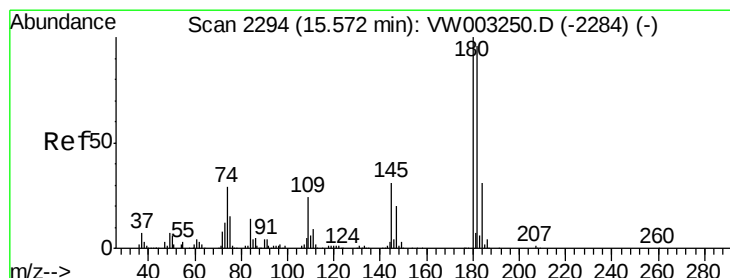
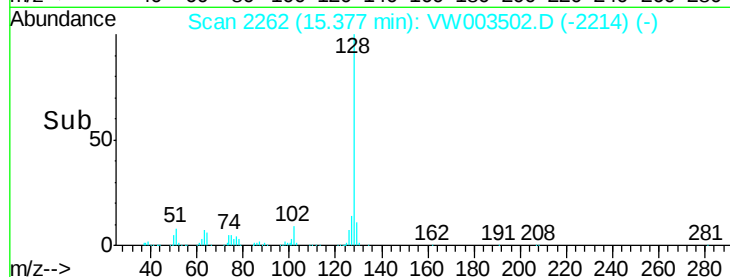
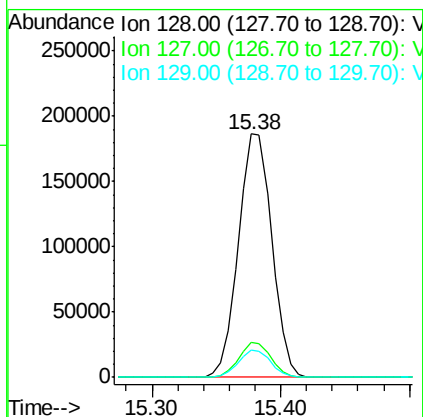
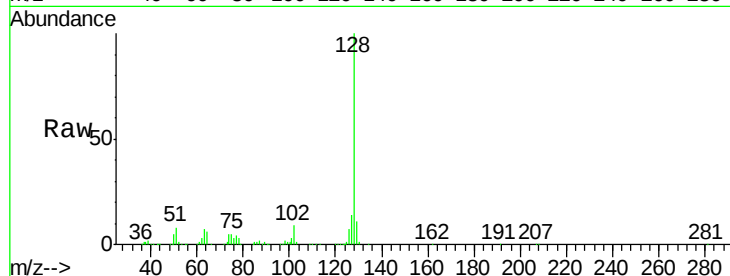




#95
Naphthalene
Concen: 49.448 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 335466
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 48.153 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003502.D
Acq: 24 Jun 2018 11:17

Tgt Ion:180 Resp: 169517
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.6
145 31.4 15.8 47.4

