

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062318\
 Data File : VW003475.D
 Acq On : 23 Jun 2018 21:37
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 02:40:37 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	302547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	487185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	456483	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	245062	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	170883	52.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.30%	
35) Dibromofluoromethane	7.89	113	156138	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.33	98	615417	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.63	95	228827	53.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.74%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	62942	68.814	ug/l 85
3) Chloromethane	2.21	50	103631	44.842	ug/l 92
4) Vinyl Chloride	2.36	62	149938	44.505	ug/l 99
5) Bromomethane	2.78	94	90086	40.231	ug/l 94
6) Chloroethane	2.93	64	92349	39.380	ug/l 99
7) Trichlorofluoromethane	3.26	101	91951	45.559	ug/l 93
8) Diethyl Ether	3.68	74	78552	52.981	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	134900	48.133	ug/l 99
10) Methyl Iodide	4.26	142	218343	51.514	ug/l 97
11) Tert butyl alcohol	5.25	59	53198	302.689	ug/l 97
12) 1,1-Dichloroethene	4.03	96	135949	49.638	ug/l 97
13) Acrolein	3.90	56	37186	147.988	ug/l 95
14) Allyl chloride	4.67	41	252607	53.247	ug/l 93
15) Acrylonitrile	5.38	53	174175	285.528	ug/l 99
16) Acetone	4.15	43	155950	226.904	ug/l 98
17) Carbon Disulfide	4.37	76	387622	47.873	ug/l 99
18) Methyl Acetate	4.68	43	95648	58.663	ug/l 98
19) Methyl tert-butyl Ether	5.43	73	296395	57.781	ug/l 98
20) Methylene Chloride	4.91	84	153910	52.931	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	148730	49.898	ug/l 99
22) Diisopropyl ether	6.32	45	523091	54.786	ug/l 98
23) Vinyl Acetate	6.26	43	1514305	275.223	ug/l 100
24) 1,1-Dichloroethane	6.21	63	293154	51.720	ug/l 98
25) 2-Butanone	7.19	43	236377	276.582	ug/l 98
26) 2,2-Dichloropropane	7.17	77	173660	45.907	ug/l 100
27) cis-1,2-Dichloroethene	7.17	96	171346	52.329	ug/l 98
28) Bromochloromethane	7.51	49	134489	57.018	ug/l 98
29) Tetrahydrofuran	7.54	42	152461	291.890	ug/l 99
30) Chloroform	7.68	83	294907	51.070	ug/l 98
31) Cyclohexane	7.96	56	245045	46.275	ug/l 98
32) 1,1,1-Trichloroethane	7.87	97	232121	48.698	ug/l 98
36) 1,1-Dichloropropene	8.09	75	220068	46.774	ug/l 99
37) Ethyl Acetate	7.26	43	106688	54.736	ug/l 99
38) Carbon Tetrachloride	8.07	117	207951	45.059	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260257	47.806	ug/l	98
40) Benzene	8.33	78	649475	50.079	ug/l	98
41) Methacrylonitrile	7.49	41	65304	54.598	ug/l	98
42) 1,2-Dichloroethane	8.40	62	198076	48.749	ug/l	99
43) Isopropyl Acetate	8.43	43	210354	54.351	ug/l	99
44) Trichloroethene	9.10	130	166832	48.548	ug/l	98
45) 1,2-Dichloropropane	9.37	63	168994	51.178	ug/l	99
46) Dibromomethane	9.46	93	85685	50.684	ug/l	100
47) Bromodichloromethane	9.65	83	216039	49.854	ug/l	100
48) Methyl methacrylate	9.44	41	102623	56.422	ug/l	96
49) 1,4-Dioxane	9.49	88	27590	1080.864	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	554385	281.112	ug/l	98
52) Toluene	10.39	92	406931	48.931	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	227998	51.506	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	257233	51.056	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	121568	51.030	ug/l	99
56) Ethyl methacrylate	10.65	69	165129	57.082	ug/l	96
57) 1,3-Dichloropropane	10.94	76	213376	51.933	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	356446	274.864	ug/l	99
59) 2-Hexanone	10.98	43	381749	277.092	ug/l	98
60) Dibromochloromethane	11.13	129	145405	51.325	ug/l	99
61) 1,2-Dibromoethane	11.24	107	117454	52.123	ug/l	98
64) Tetrachloroethene	10.87	164	143968	47.153	ug/l	99
65) Chlorobenzene	11.66	112	459402	48.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	159567	47.767	ug/l	99
67) Ethyl Benzene	11.74	91	818302	48.563	ug/l	100
68) m/p-Xylenes	11.85	106	610529	95.314	ug/l	99
69) o-Xylene	12.17	106	296672	49.975	ug/l	100
70) Styrene	12.19	104	498423	50.442	ug/l	99
71) Bromoform	12.35	173	85969	49.656	ug/l #	99
73) Isopropylbenzene	12.47	105	828375	48.599	ug/l	99
74) N-amyl acetate	12.28	43	209462	53.990	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	176942	61.360	ug/l	88
76) 1,2,3-Trichloropropane	12.77	75	193156	92.199	ug/l #	100
77) Bromobenzene	12.76	156	188180	47.405	ug/l	97
78) n-propylbenzene	12.81	91	975997	46.762	ug/l	100
79) 2-Chlorotoluene	12.90	91	561128	47.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	677558	47.358	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45012	49.439	ug/l	98
82) 4-Chlorotoluene	12.99	91	581161	46.447	ug/l	99
83) tert-Butylbenzene	13.21	119	581057	47.655	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	688967	46.813	ug/l	100
85) sec-Butylbenzene	13.39	105	851734	46.996	ug/l	100
86) p-Isopropyltoluene	13.51	119	751001	46.982	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	376883	46.216	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	372557	45.955	ug/l	100
89) n-Butylbenzene	13.83	91	725410	46.556	ug/l	100
90) Hexachloroethane	14.10	117	134509	46.517	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	335408	46.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	24321	50.118	ug/l	92

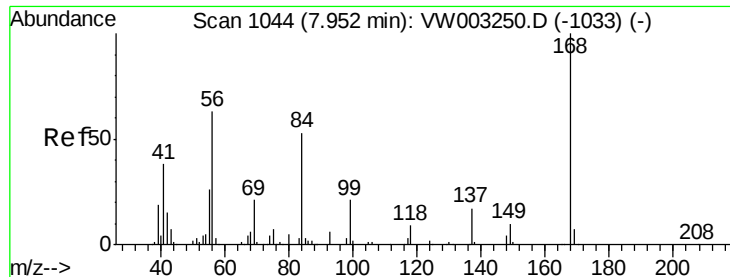
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	249903	49.834	ug/l	99
94) Hexachlorobutadiene	15.25	225	135593	44.951	ug/l	99
95) Naphthalene	15.38	128	473045	55.610	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	218488	49.499	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

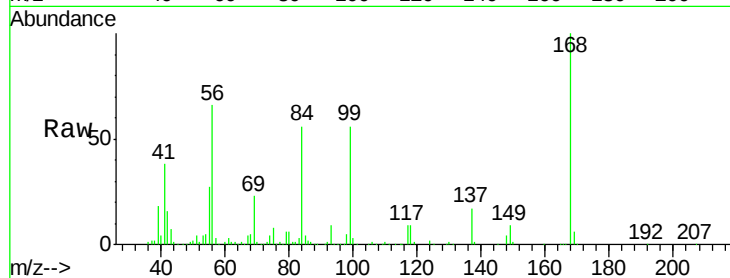
VSTDCCC050EC

Tgt Ion:168 Resp: 302547

Ion Ratio Lower Upper

168 100

99 55.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

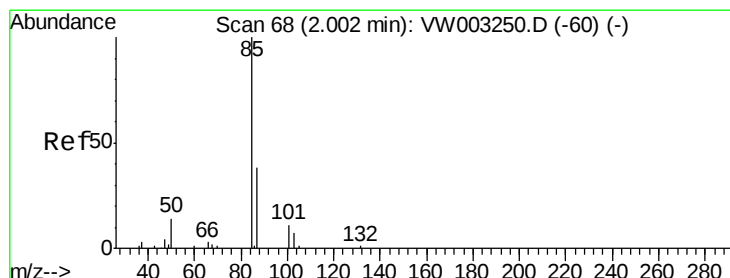
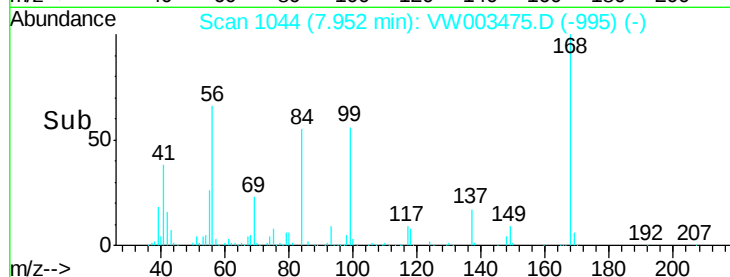
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 68.814 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003475.D

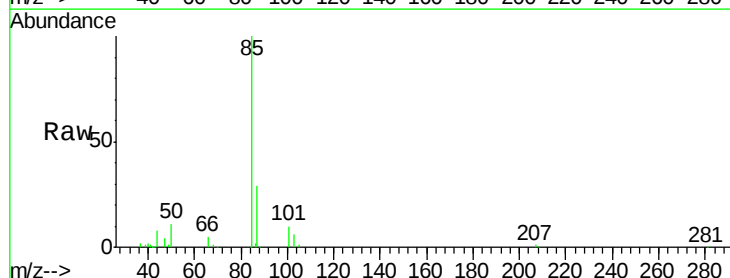
Acq: 23 Jun 2018 21:37

Tgt Ion: 85 Resp: 62942

Ion Ratio Lower Upper

85 100

87 28.8 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

15000

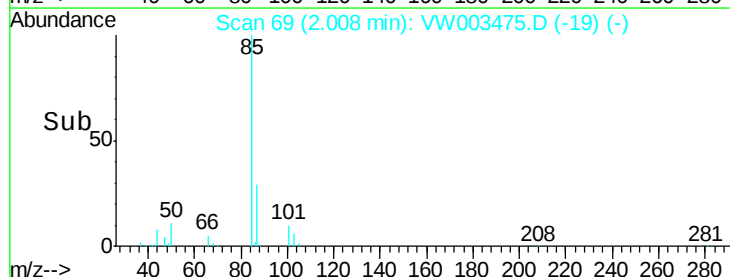
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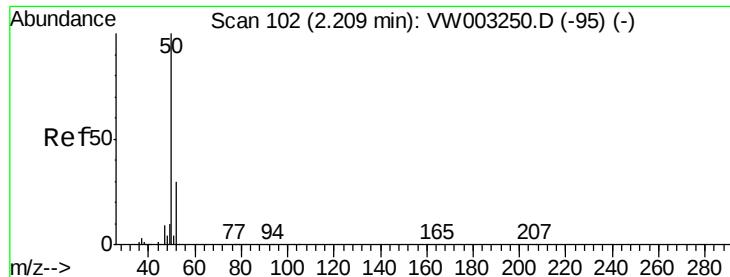
5000

0

1.90 2.00 2.10 2.20 2.30

Time-->





#3

Chloromethane

Concen: 44.842 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

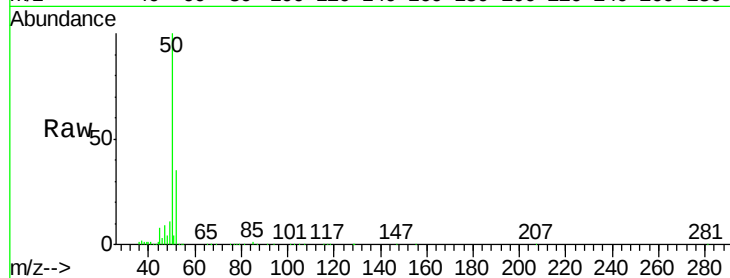
VSTDCCC050EC

Tgt Ion: 50 Resp: 103631

Ion Ratio Lower Upper

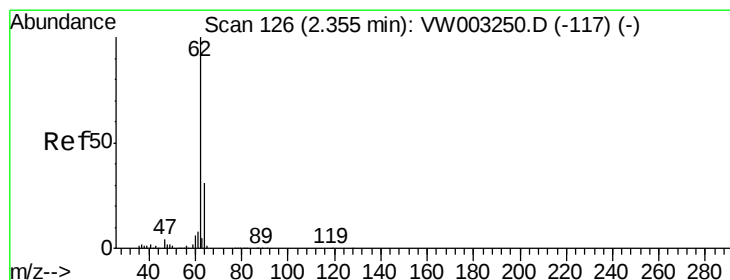
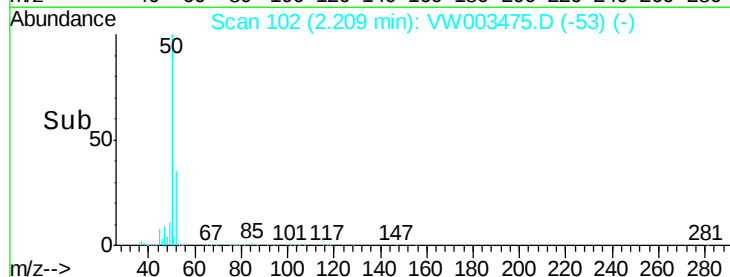
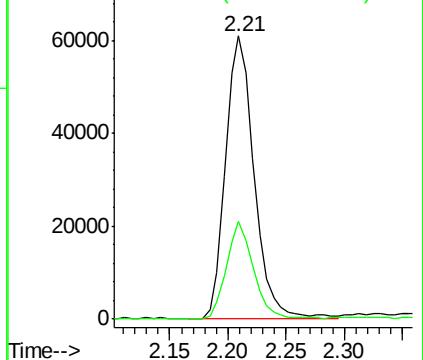
50 100

52 34.7 24.2 36.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.505 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003475.D

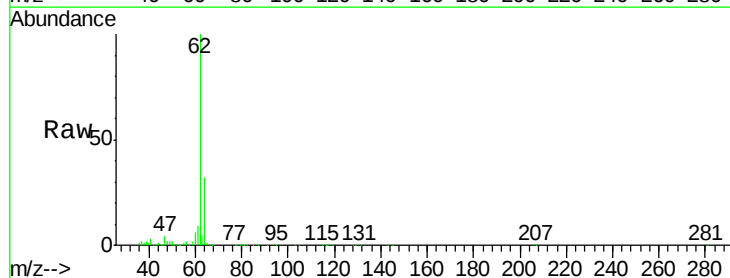
Acq: 23 Jun 2018 21:37

Tgt Ion: 62 Resp: 149938

Ion Ratio Lower Upper

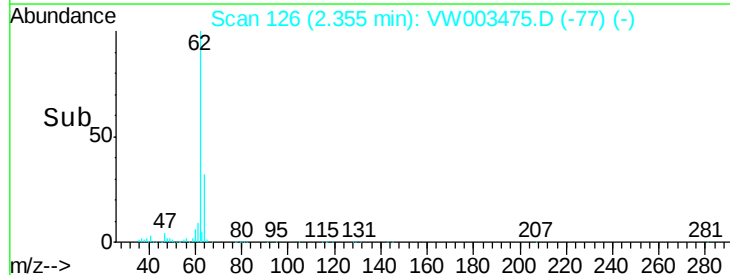
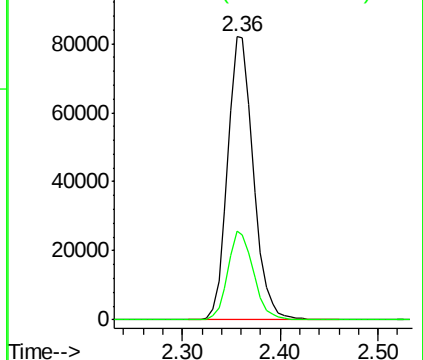
62 100

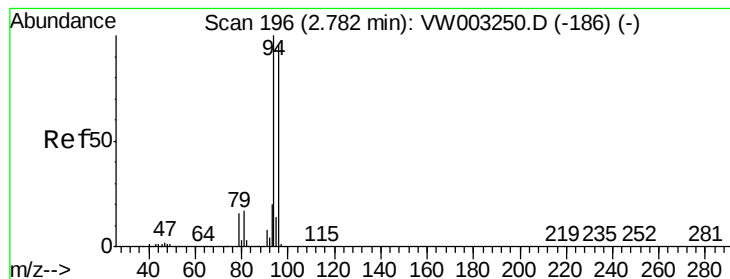
64 31.6 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 40.231 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

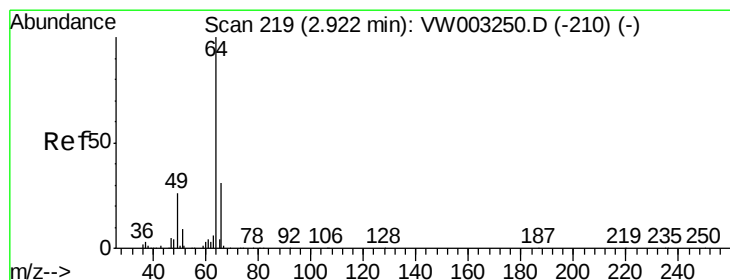
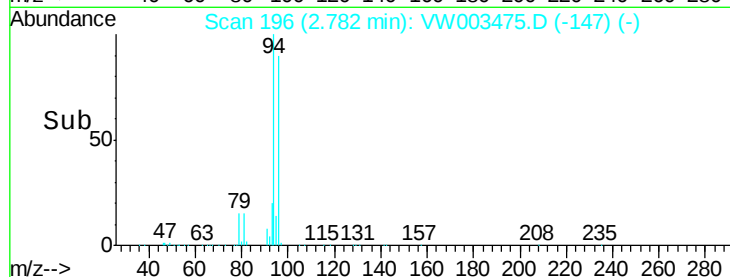
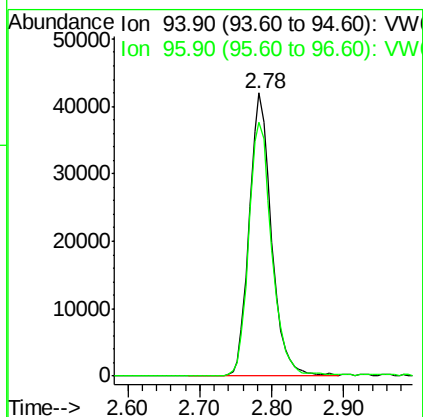
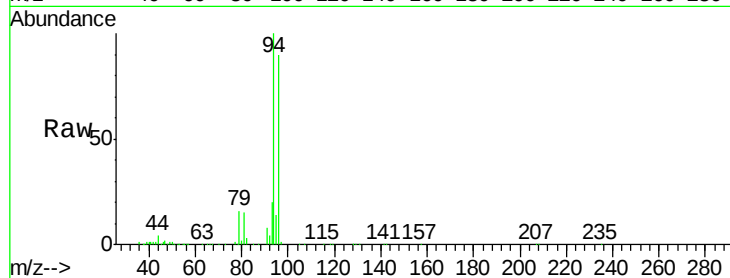
VSTDCCC050EC

Tgt Ion: 94 Resp: 90086

Ion Ratio Lower Upper

94 100

96 89.8 76.5 114.7



#6

Chloroethane

Concen: 39.380 ug/l

RT: 2.93 min Scan# 220

Delta R.T. 0.01 min

Lab File: VW003475.D

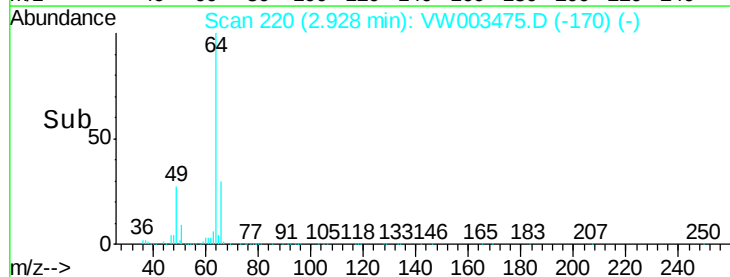
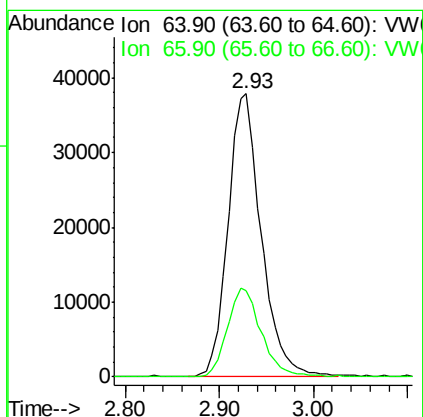
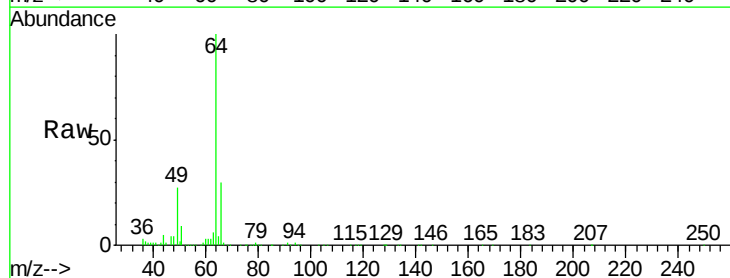
Acq: 23 Jun 2018 21:37

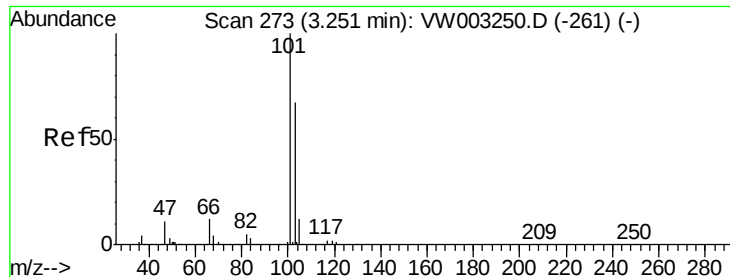
Tgt Ion: 64 Resp: 92349

Ion Ratio Lower Upper

64 100

66 30.0 24.4 36.6



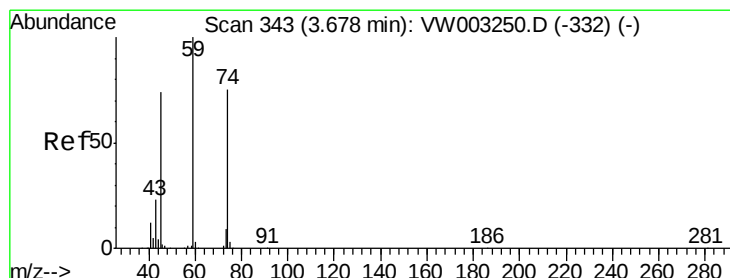
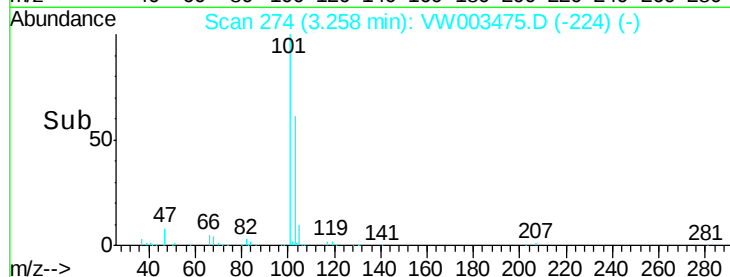
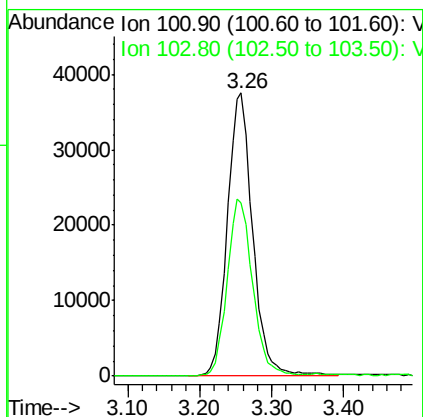
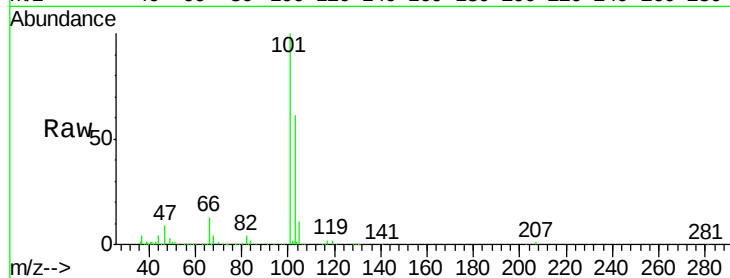


#7

Trichlorofluoromethane
Concen: 45.559 ug/l
RT: 3.26 min Scan# 274
Delta R.T. 0.01 min
Lab File: VW003475.D
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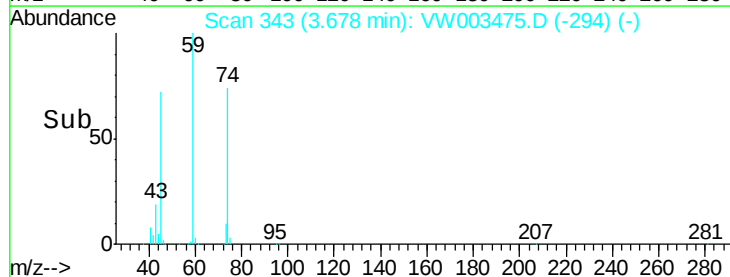
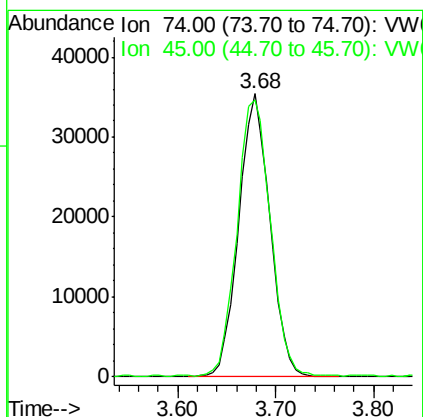
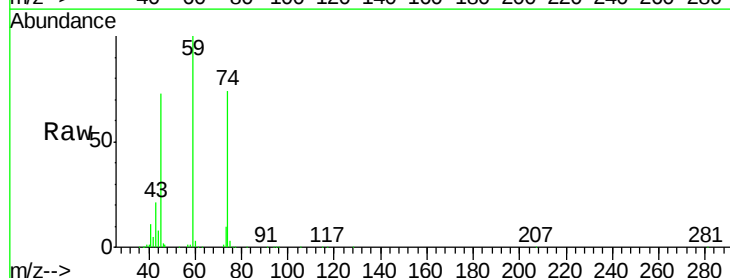
Tgt Ion:101 Resp: 91951
Ion Ratio Lower Upper
101 100
103 61.1 53.4 80.0

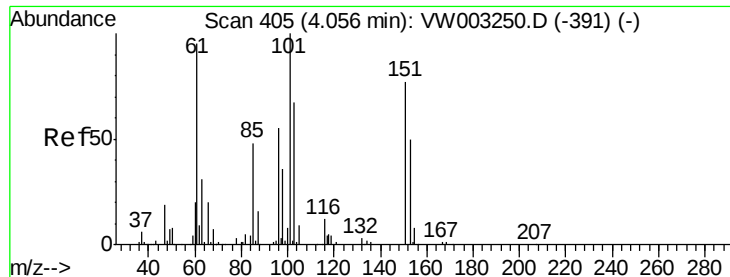


#8

Diethyl Ether
Concen: 52.981 ug/l
RT: 3.68 min Scan# 343
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 74 Resp: 78552
Ion Ratio Lower Upper
74 100
45 104.1 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.133 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

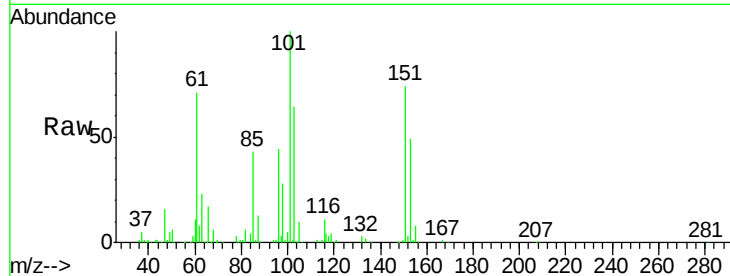
Tgt Ion:101 Resp: 134900

Ion Ratio Lower Upper

101 100

85 44.5 37.0 55.6

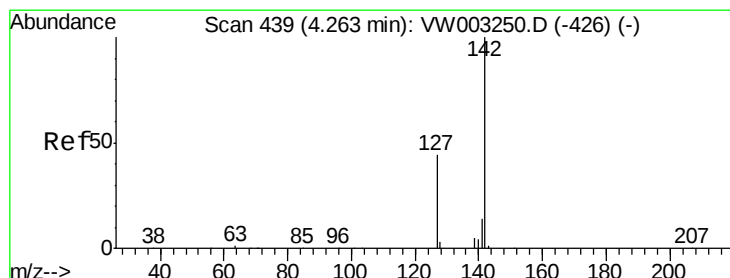
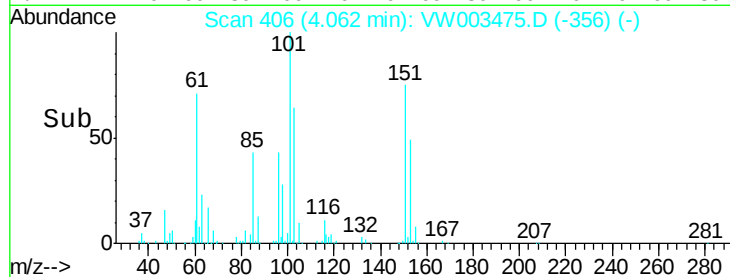
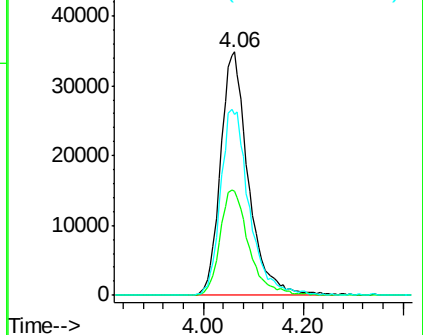
151 78.8 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.514 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

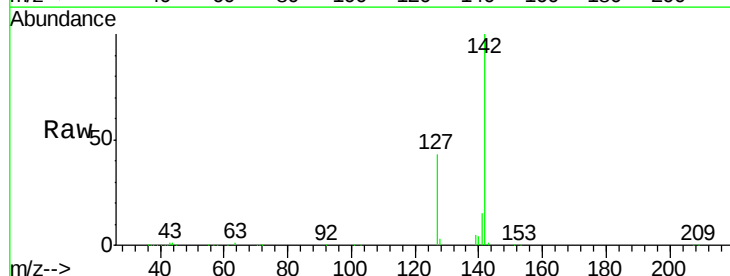
Tgt Ion:142 Resp: 218343

Ion Ratio Lower Upper

142 100

127 43.7 36.5 54.7

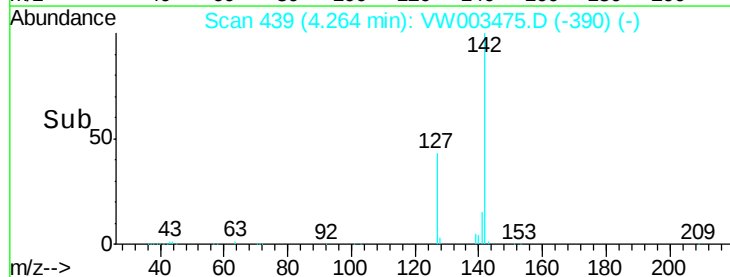
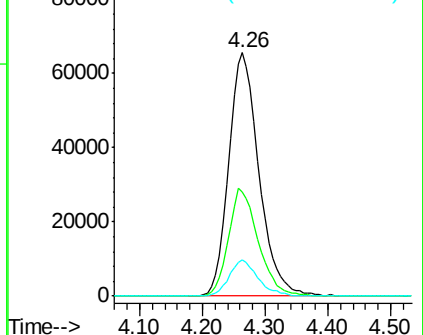
141 14.4 12.1 18.1

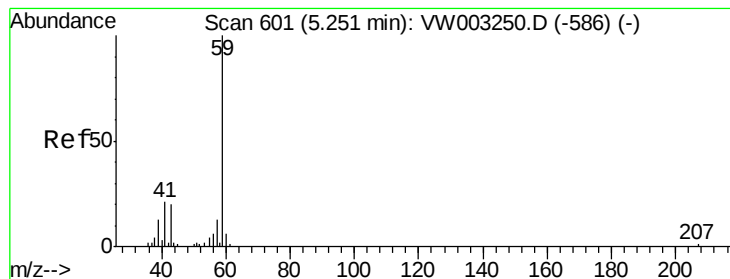


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



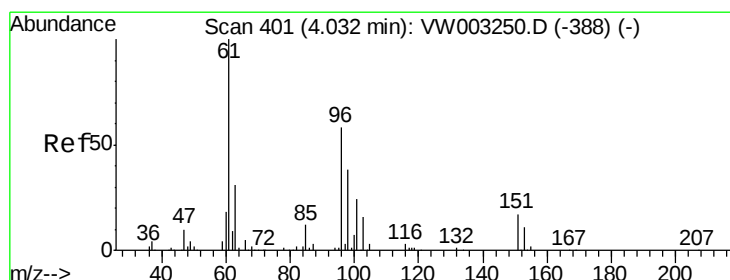
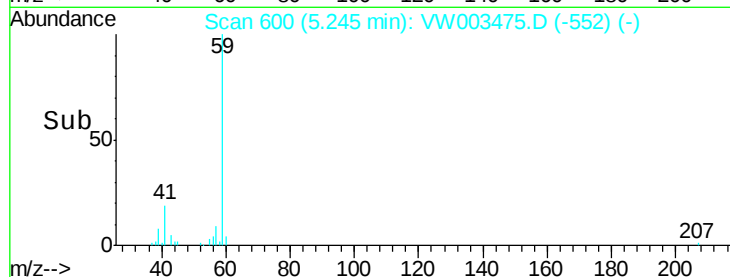
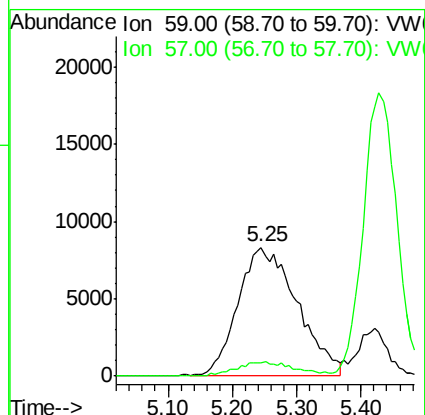
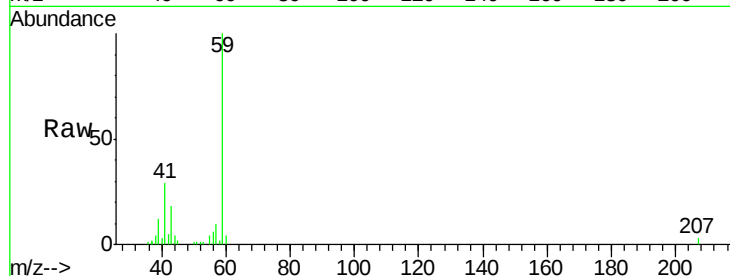


#11

Tert butyl alcohol
Concen: 302.689 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

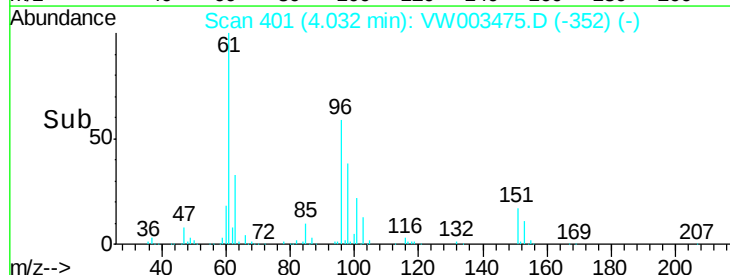
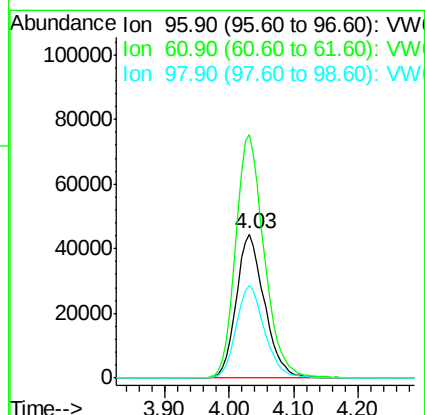
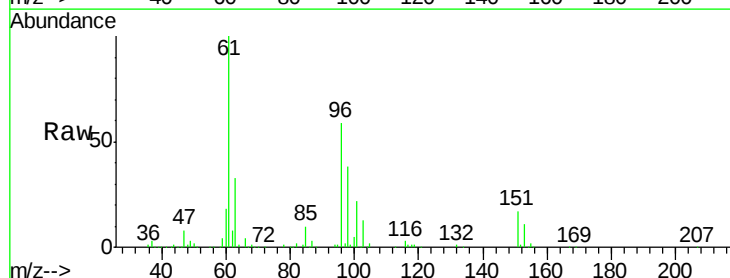
Tgt Ion: 59 Resp: 53198
Ion Ratio Lower Upper
59 100
57 4.3 4.2 6.2

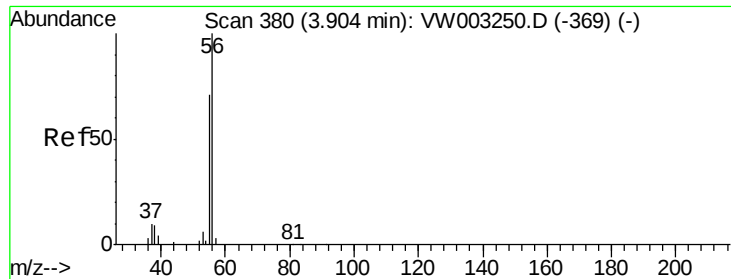


#12

1,1-Dichloroethene
Concen: 49.638 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 96 Resp: 135949
Ion Ratio Lower Upper
96 100
61 169.2 139.0 208.4
98 64.5 53.3 79.9





#13

Acrolein

Concen: 147.988 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

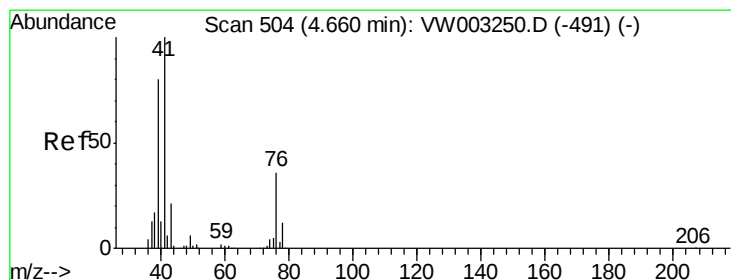
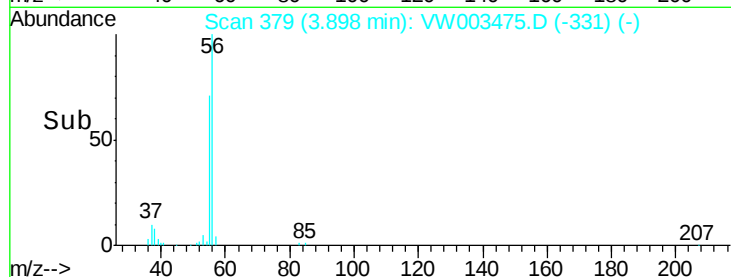
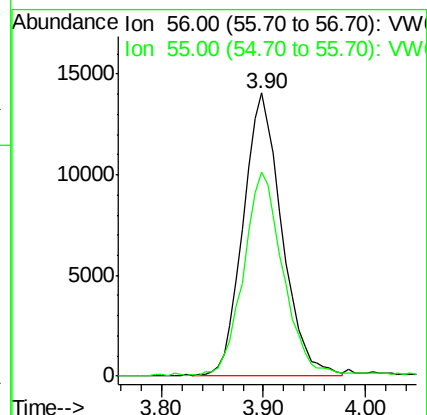
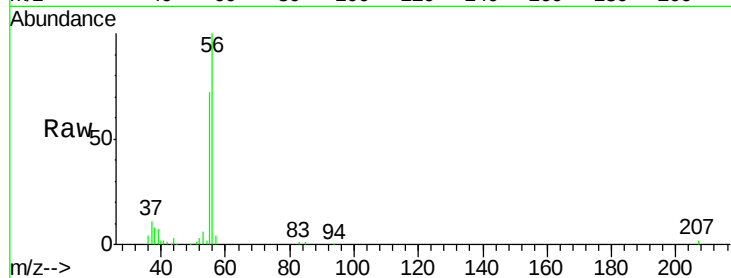
VSTDCCC050EC

Tgt Ion: 56 Resp: 37186

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.2



#14

Allyl chloride

Concen: 53.247 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

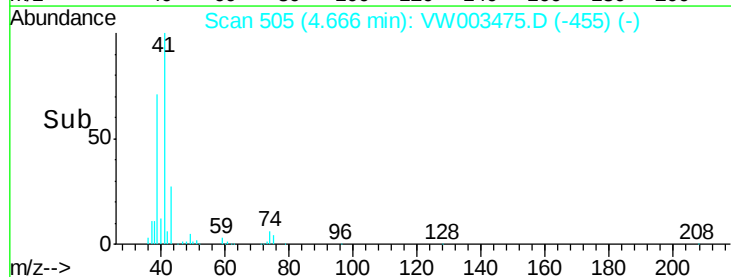
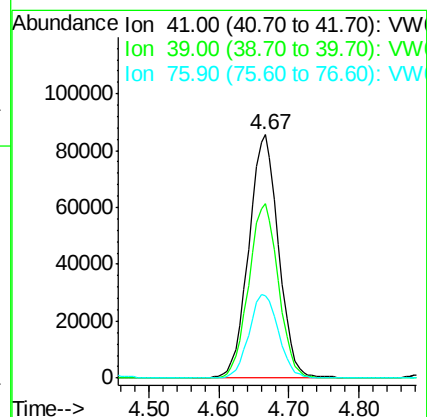
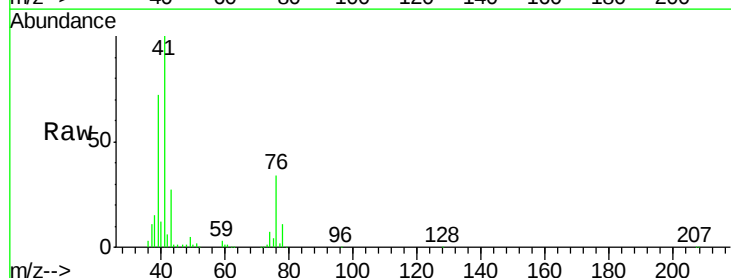
Tgt Ion: 41 Resp: 252607

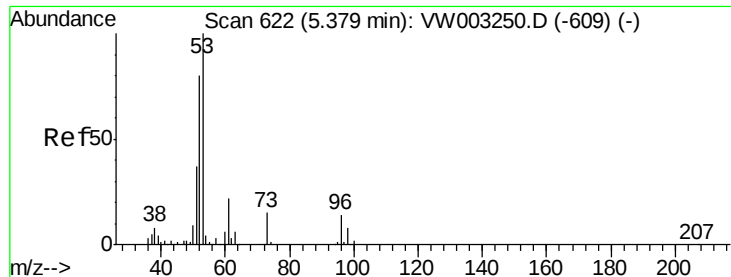
Ion Ratio Lower Upper

41 100

39 71.2 63.2 94.8

76 34.1 28.0 42.0





#15

Acrylonitrile

Concen: 285.528 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

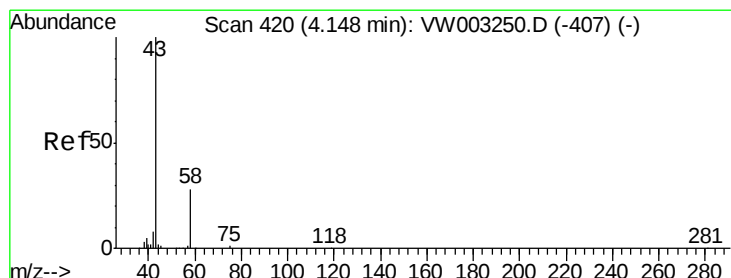
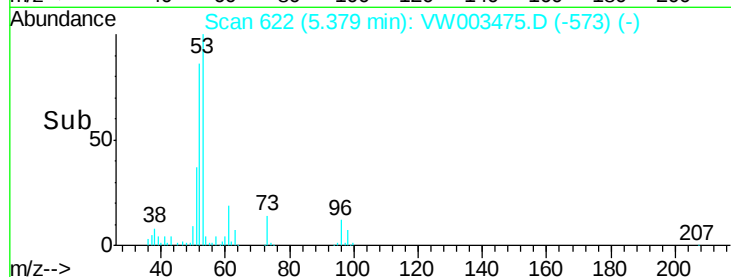
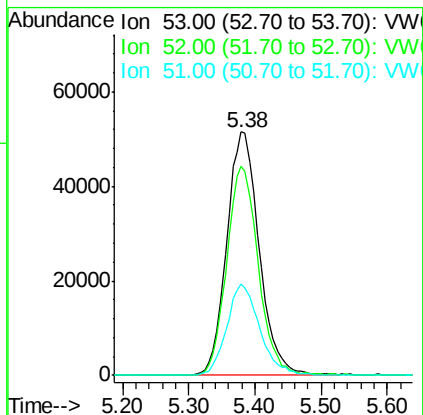
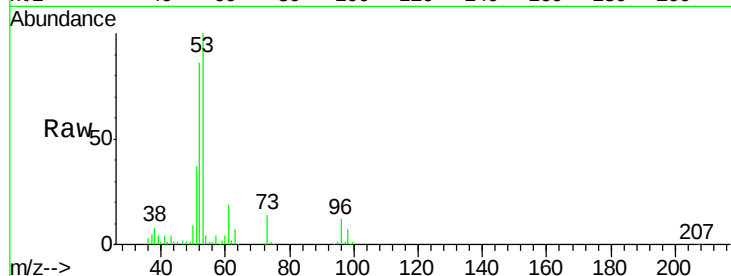
Tgt Ion: 53 Resp: 174175

Ion Ratio Lower Upper

53 100

52 84.1 66.6 100.0

51 38.4 30.6 46.0



#16

Acetone

Concen: 226.904 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003475.D

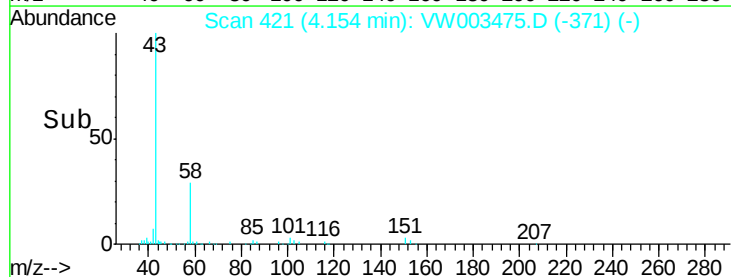
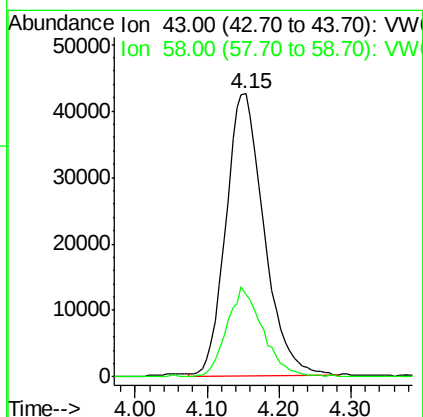
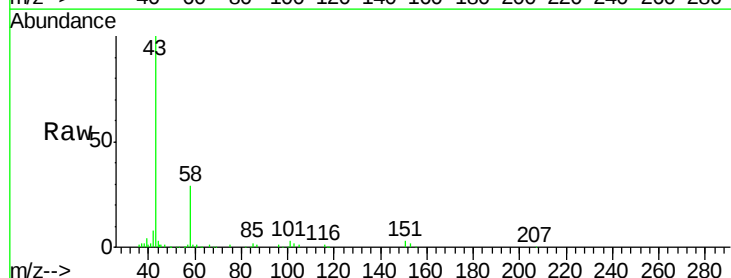
Acq: 23 Jun 2018 21:37

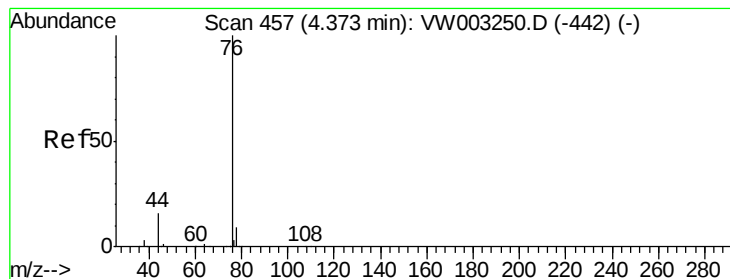
Tgt Ion: 43 Resp: 155950

Ion Ratio Lower Upper

43 100

58 29.2 22.6 34.0





#17

Carbon Disulfide

Concen: 47.873 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

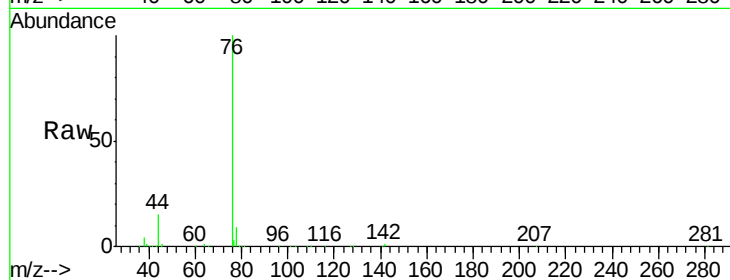
VSTDCCC050EC

Tgt Ion: 76 Resp: 387622

Ion Ratio Lower Upper

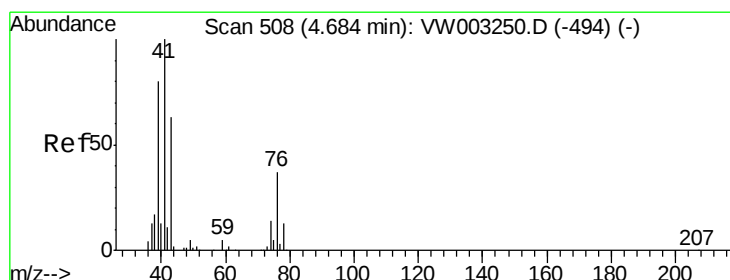
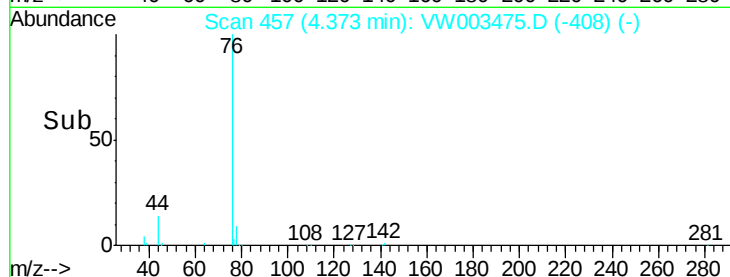
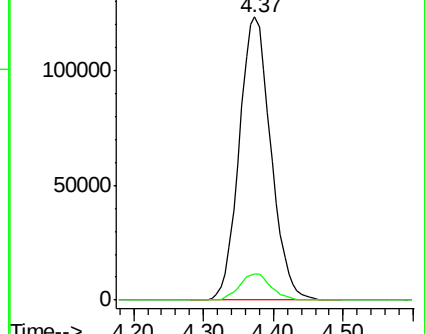
76 100

78 9.4 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: 58.663 ug/l

RT: 4.68 min Scan# 508

Delta R.T. 0.00 min

Lab File: VW003475.D

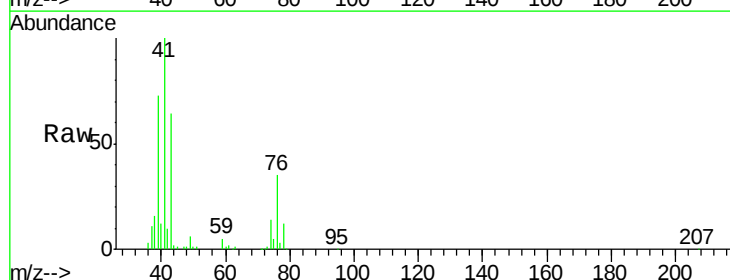
Acq: 23 Jun 2018 21:37

Tgt Ion: 43 Resp: 95648

Ion Ratio Lower Upper

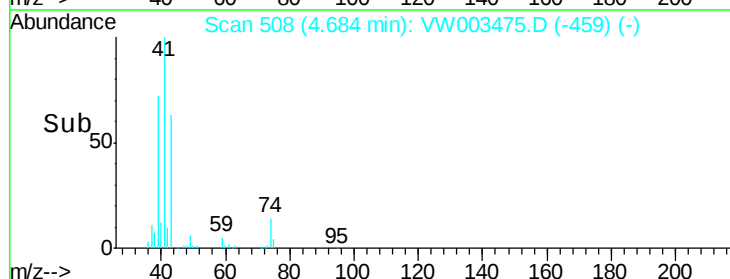
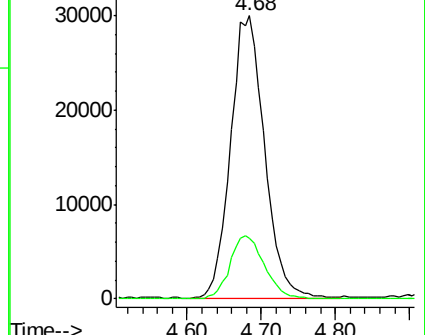
43 100

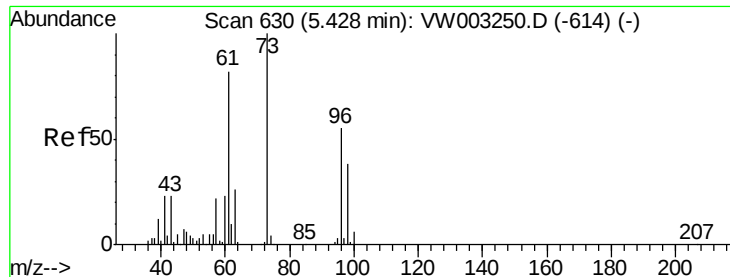
74 22.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

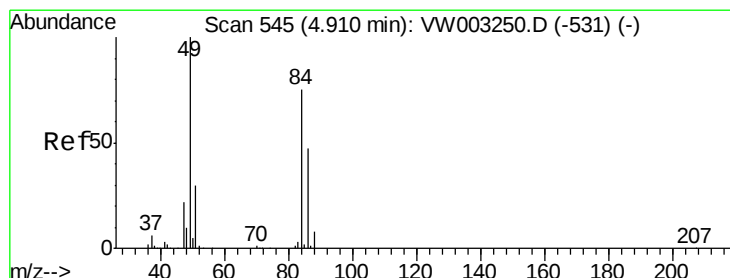
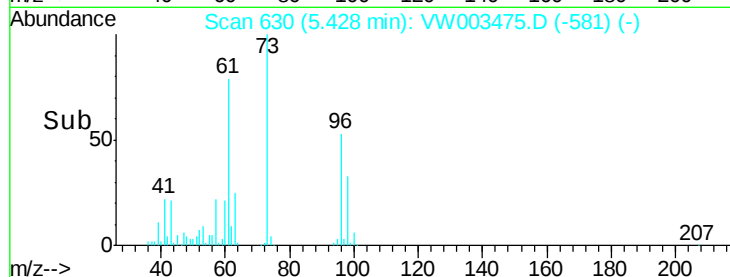
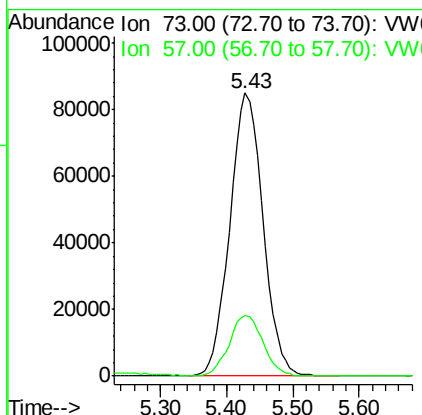
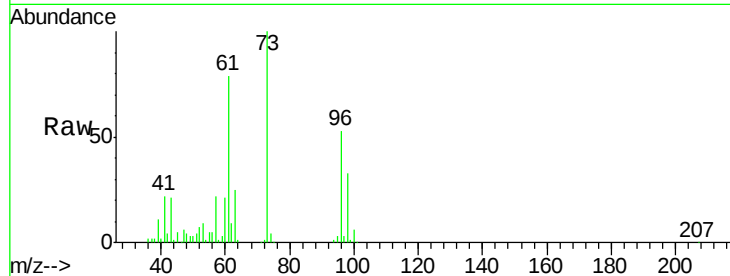




#19
Methyl tert-butyl Ether
Concen: 57.781 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

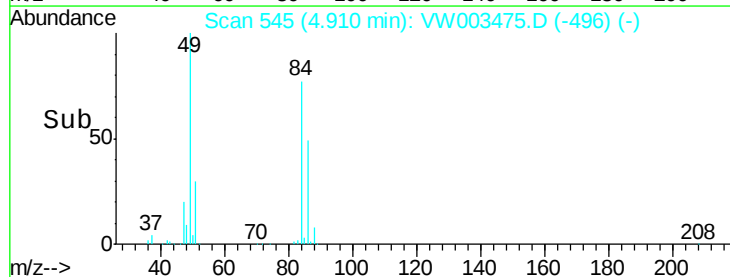
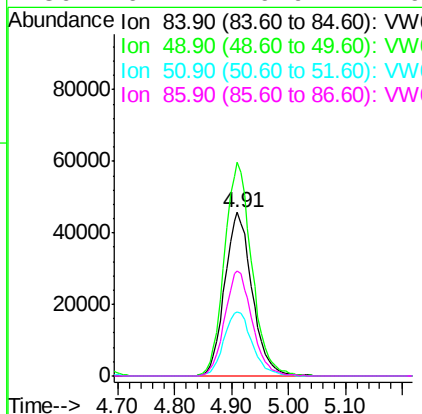
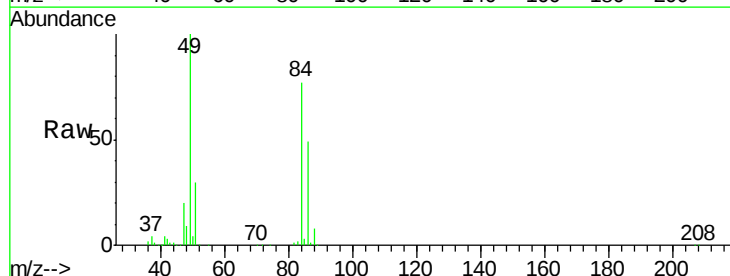
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

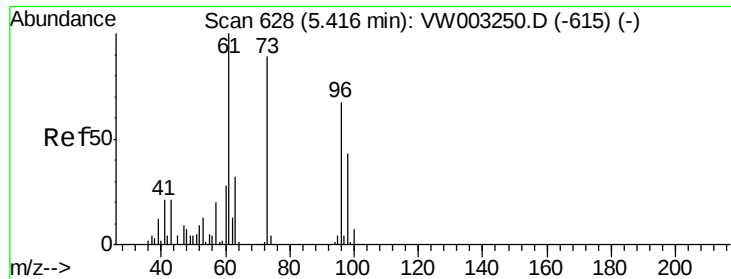
Tgt Ion: 73 Resp: 296395
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 52.931 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 84 Resp: 153910
Ion Ratio Lower Upper
84 100
49 130.6 106.3 159.5
51 38.9 32.0 48.0
86 64.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 49.898 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

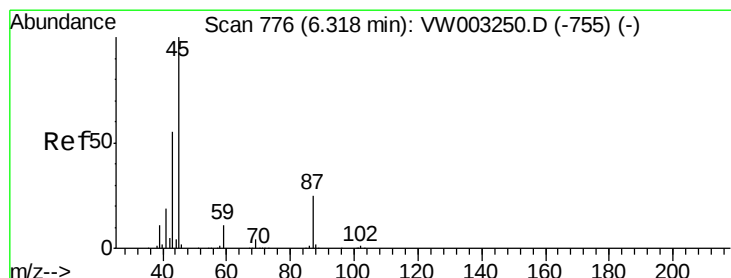
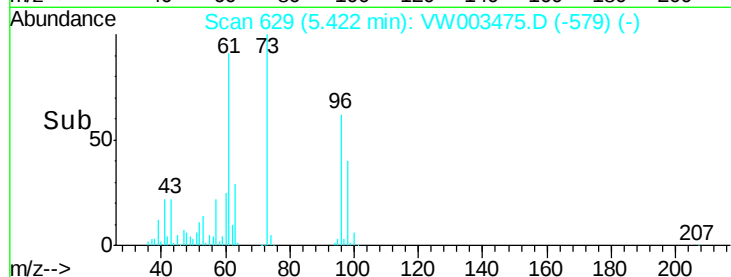
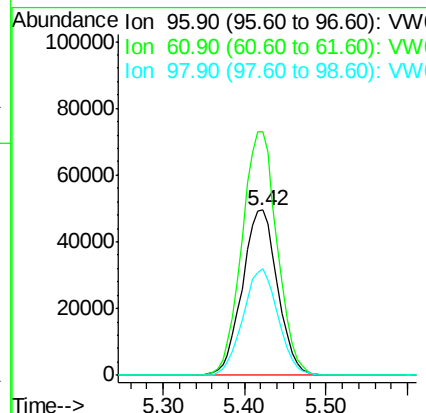
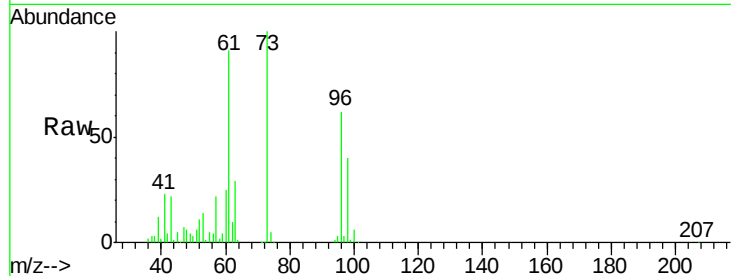
Tgt Ion: 96 Resp: 148730

Ion Ratio Lower Upper

96 100

61 147.3 118.7 178.1

98 64.8 51.0 76.6



#22

Diisopropyl ether

Concen: 54.786 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion: 45 Resp: 523091

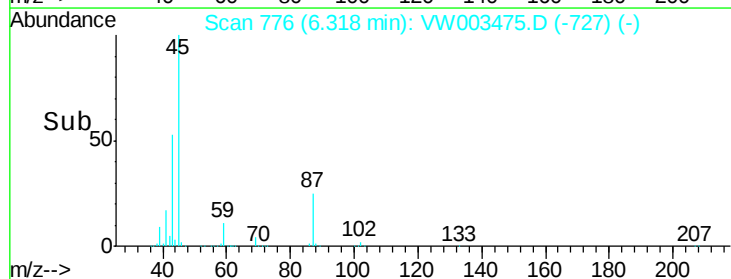
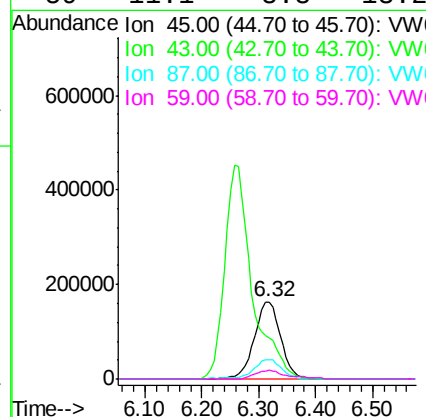
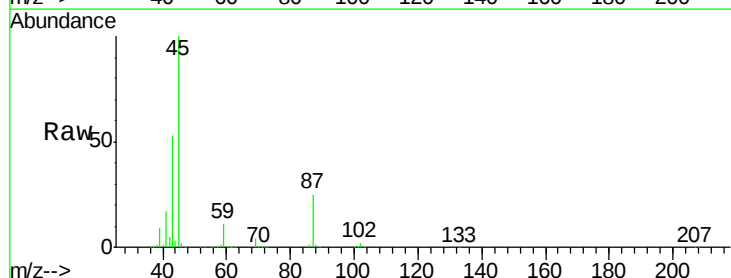
Ion Ratio Lower Upper

45 100

43 53.2 44.0 66.0

87 24.5 20.6 31.0

59 11.1 8.8 13.2





#23

Vinyl Acetate

Concen: 275.223 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

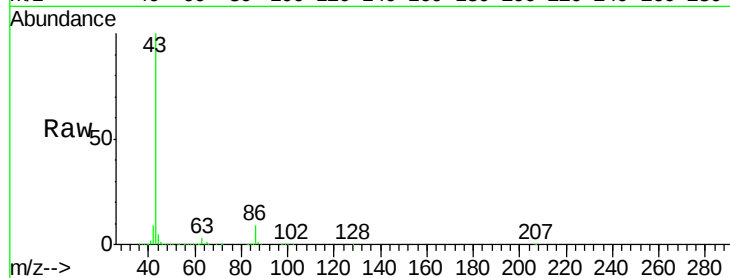
VSTDCCC050EC

Tgt Ion: 43 Resp: 1514305

Ion Ratio Lower Upper

43 100

86 9.2 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

500000

400000

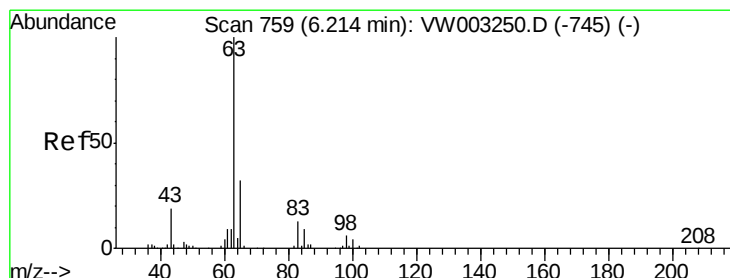
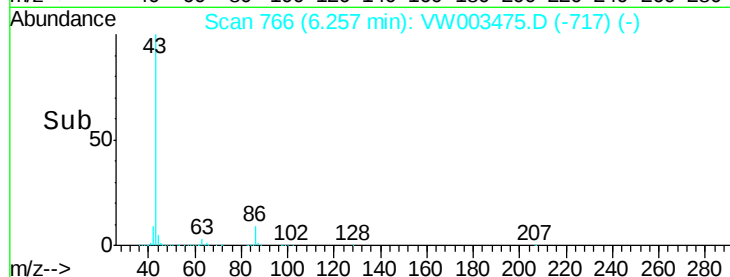
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.720 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

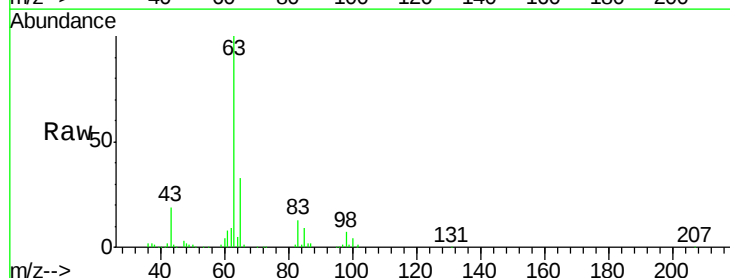
Tgt Ion: 63 Resp: 293154

Ion Ratio Lower Upper

63 100

98 6.6 2.8 8.3

100 4.3 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

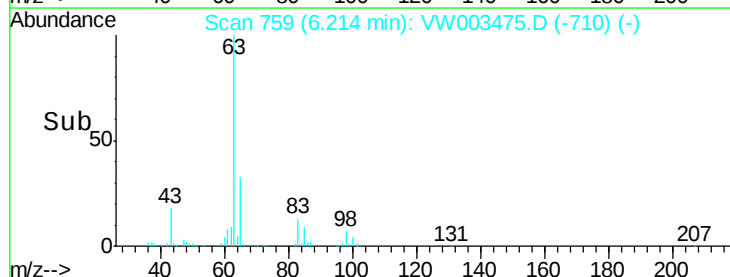
60000

40000

20000

0

Time-->

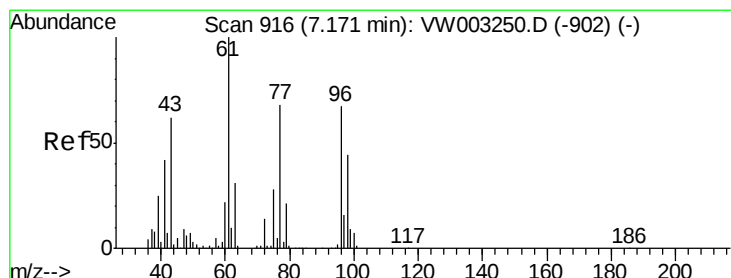
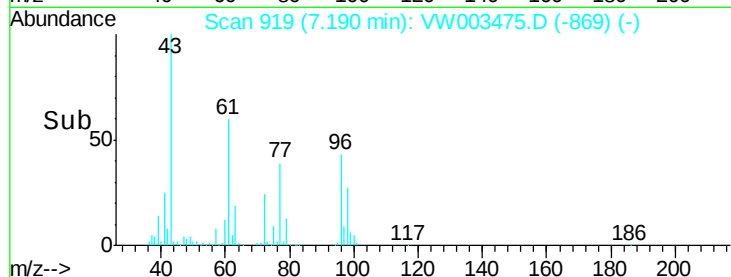
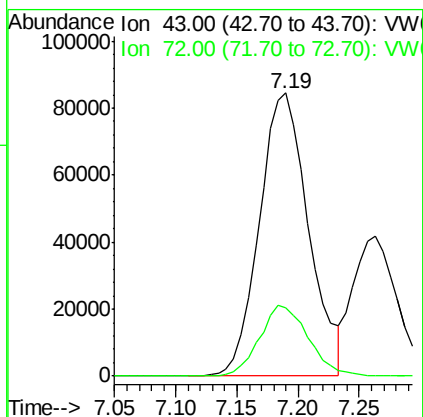
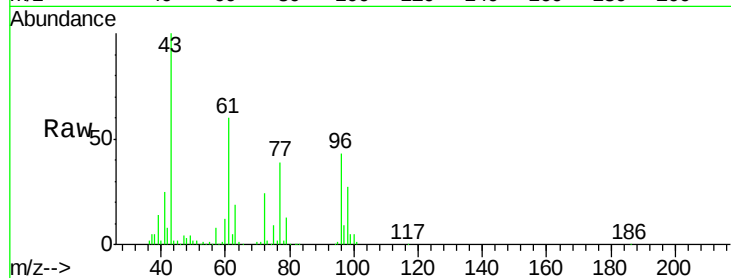




#25
2-Butanone
Concen: 276.582 ug/l
RT: 7.19 min Scan# 919
Delta R.T. 0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

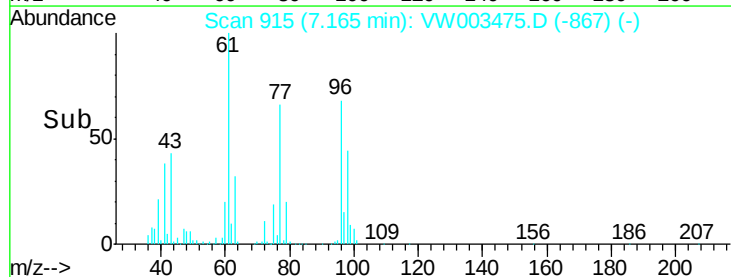
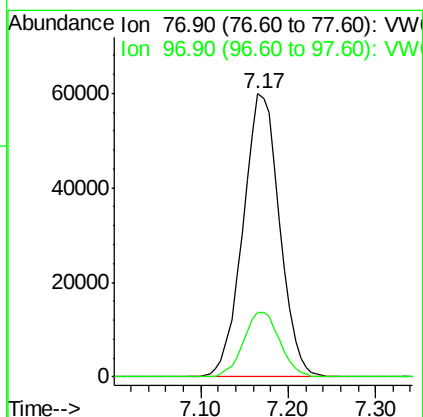
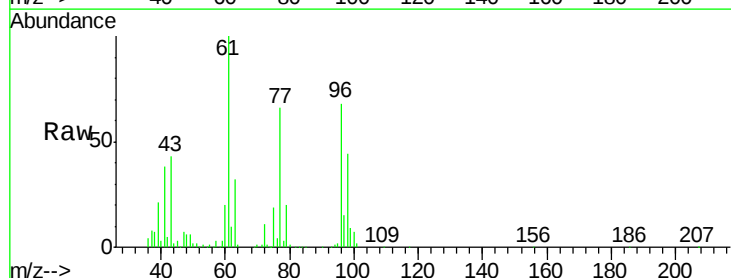
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

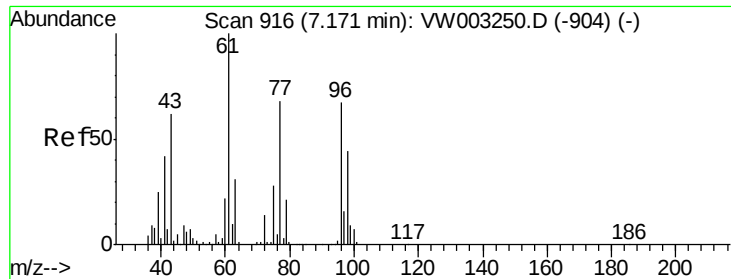
Tgt Ion: 43 Resp: 236377
Ion Ratio Lower Upper
43 100
72 24.3 20.3 30.5



#26
2,2-Dichloropropane
Concen: 45.907 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 77 Resp: 173660
Ion Ratio Lower Upper
77 100
97 22.8 11.3 33.9



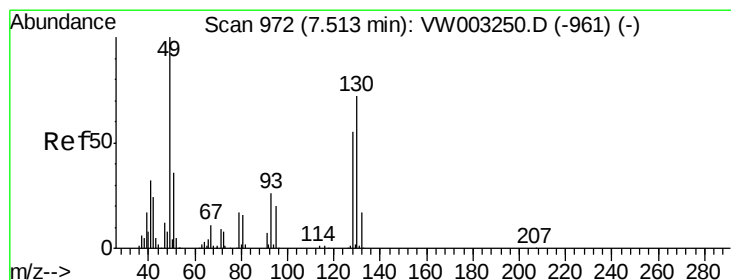
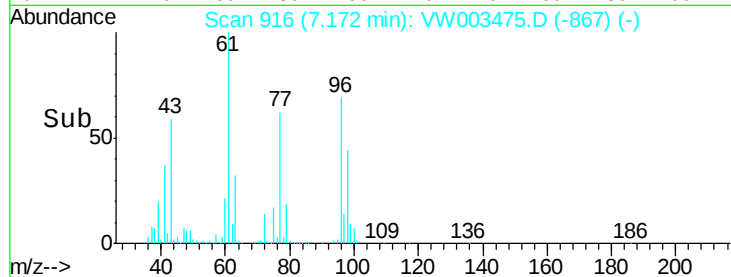
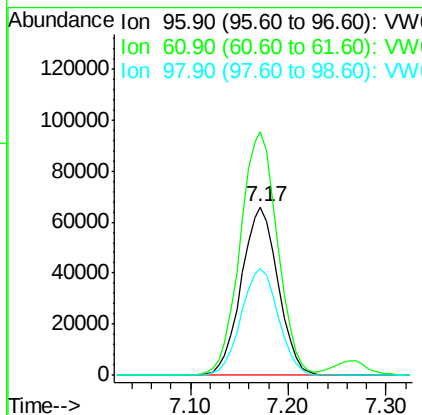
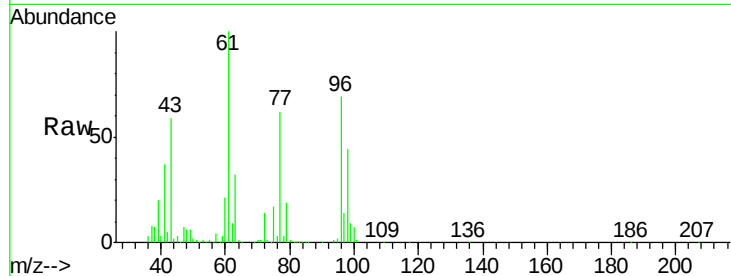


#27

cis-1,2-Dichloroethene
 Concen: 52.329 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

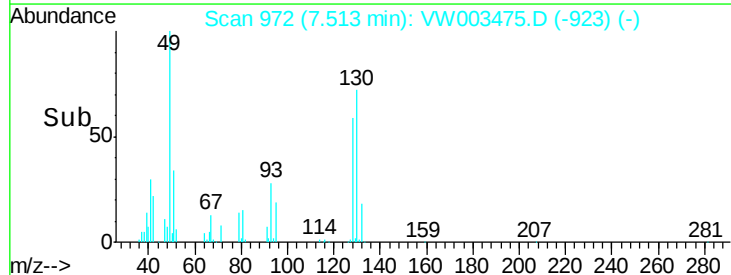
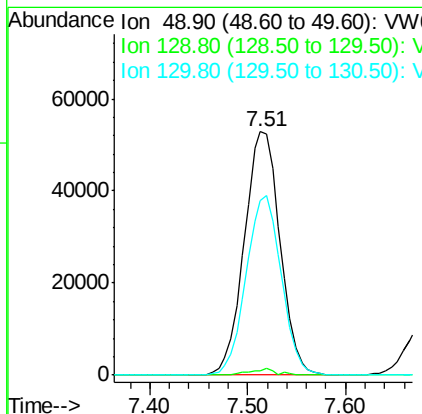
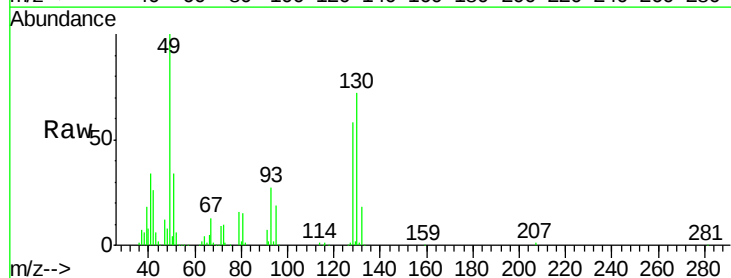
Tgt Ion: 96 Resp: 171346
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 298.8
 98 63.9 0.0 130.4

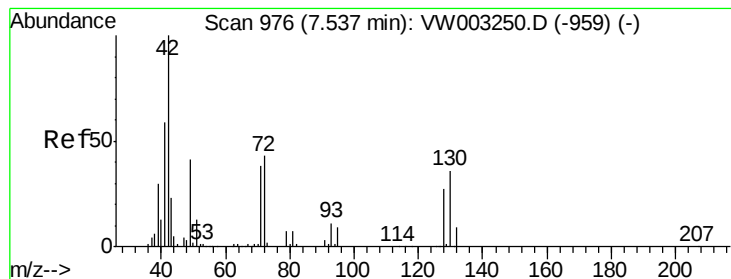


#28

Bromochloromethane
 Concen: 57.018 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 49 Resp: 134489
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 72.6 59.4 89.2





#29

Tetrahydrofuran

Concen: 291.890 ug/l

RT: 7.54 min Scan# 977

Delta R.T. 0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

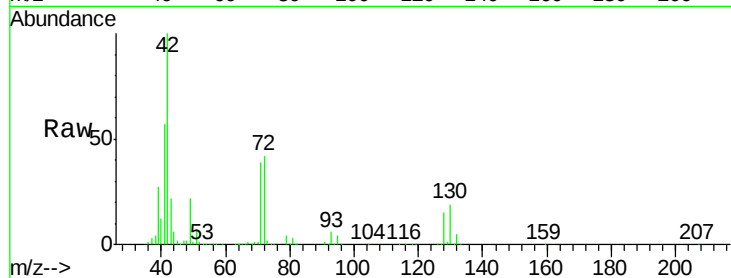
Tgt Ion: 42 Resp: 152461

Ion Ratio Lower Upper

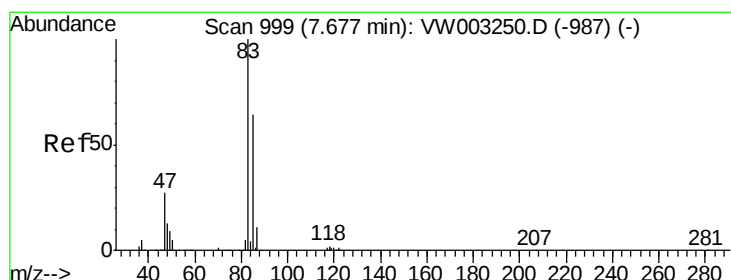
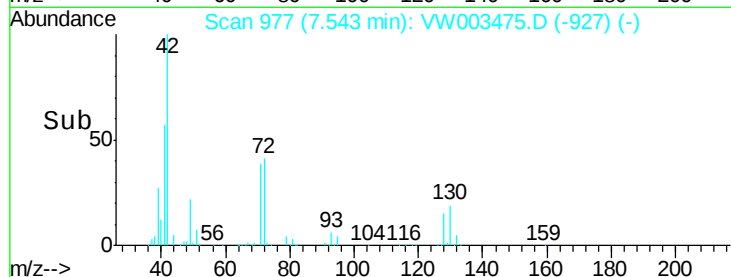
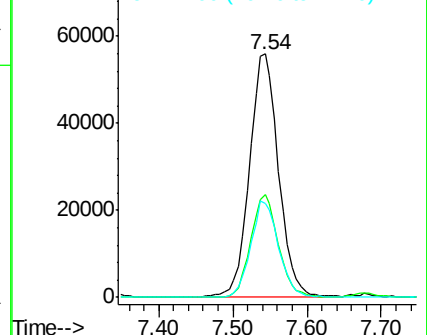
42 100

72 40.2 32.4 48.6

71 38.3 31.2 46.8



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



#30

Chloroform

Concen: 51.070 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003475.D

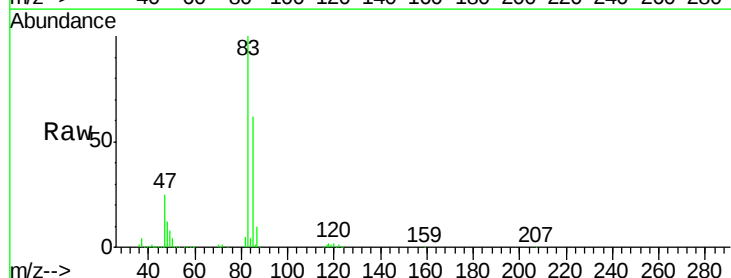
Acq: 23 Jun 2018 21:37

Tgt Ion: 83 Resp: 294907

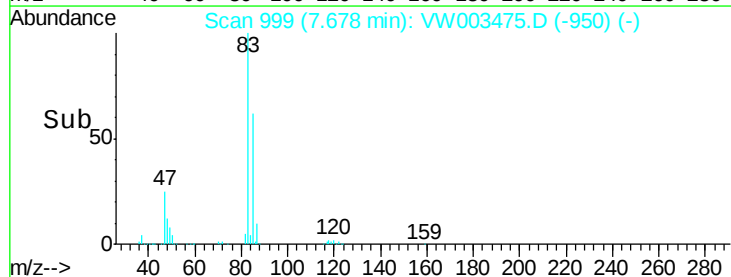
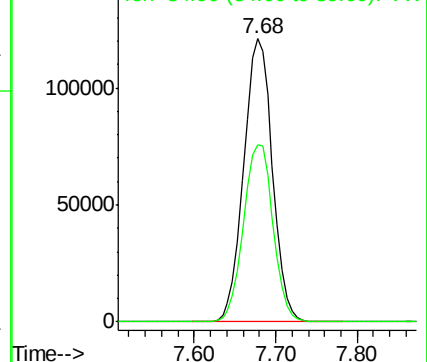
Ion Ratio Lower Upper

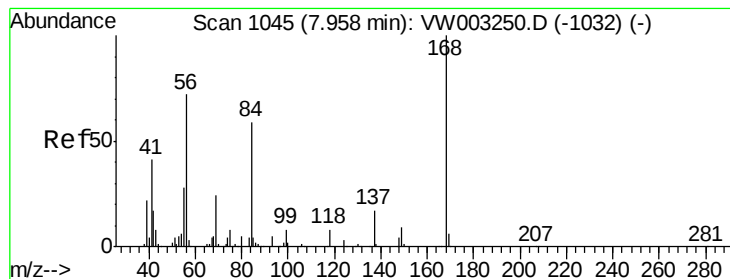
83 100

85 62.4 51.3 76.9



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





#31

Cyclohexane

Concen: 46.275 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

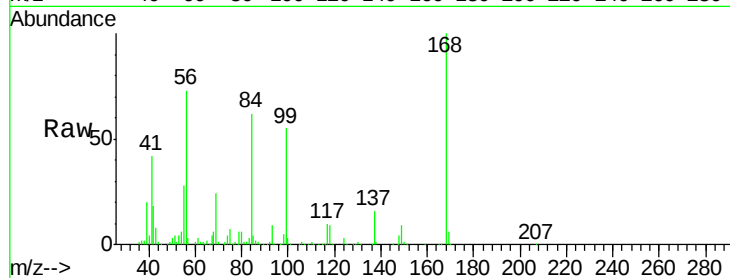
Tgt Ion: 56 Resp: 245045

Ion Ratio Lower Upper

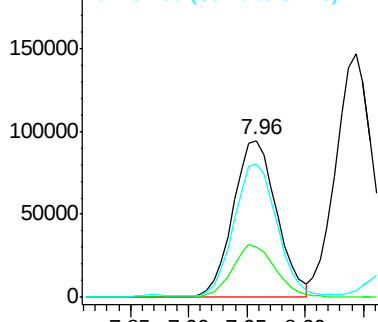
56 100

69 32.2 26.3 39.5

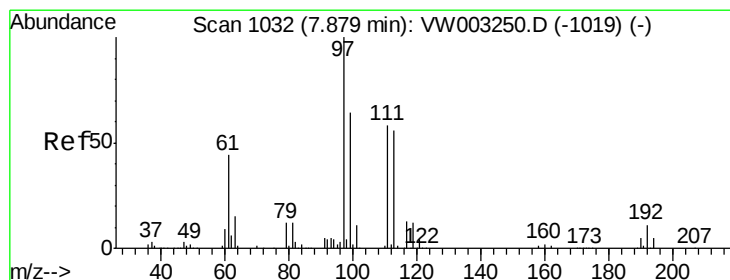
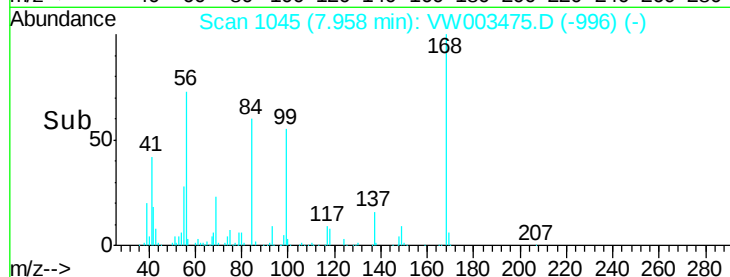
84 83.6 65.7 98.5



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



Time-->



#32

1,1,1-Trichloroethane

Concen: 48.698 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

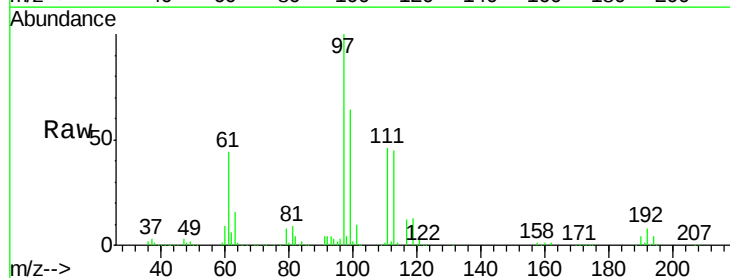
Tgt Ion: 97 Resp: 232121

Ion Ratio Lower Upper

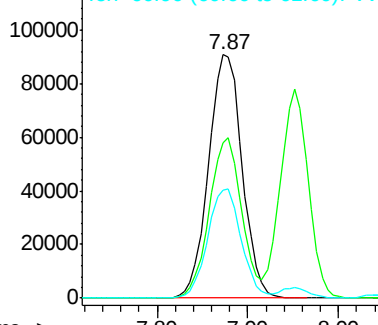
97 100

99 64.1 51.7 77.5

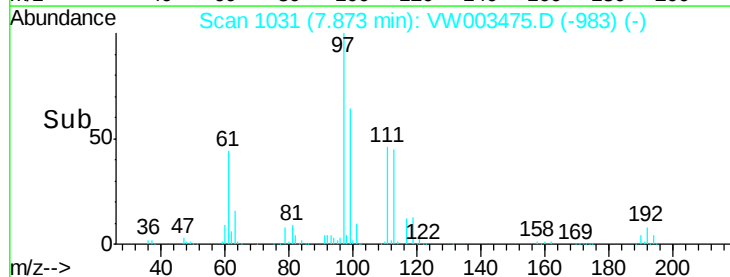
61 44.8 37.6 56.4

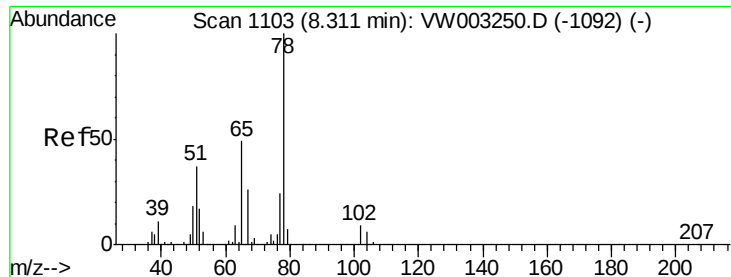


Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW



Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.145 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

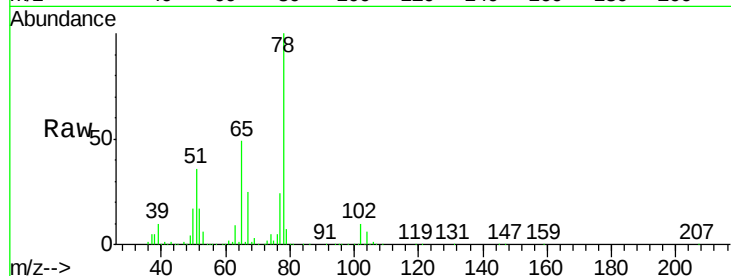
VSTDCCC050EC

Tgt Ion: 65 Resp: 170883

Ion Ratio Lower Upper

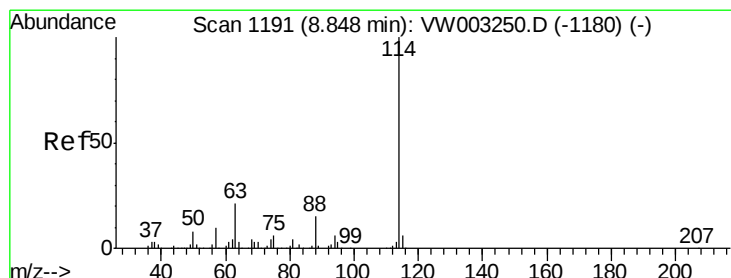
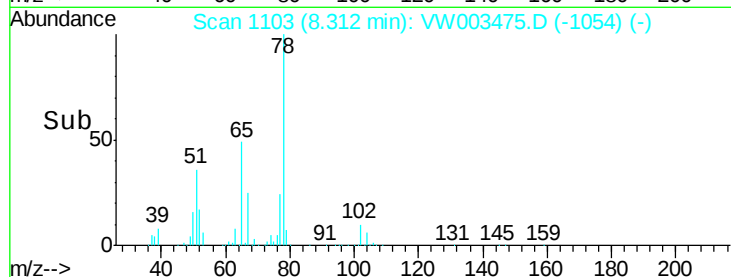
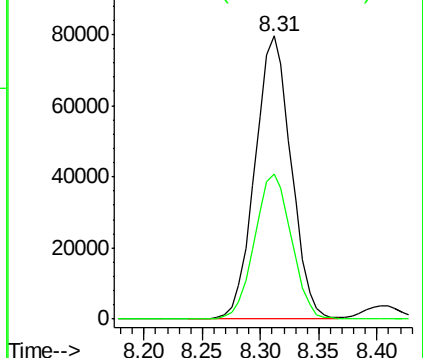
65 100

67 52.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

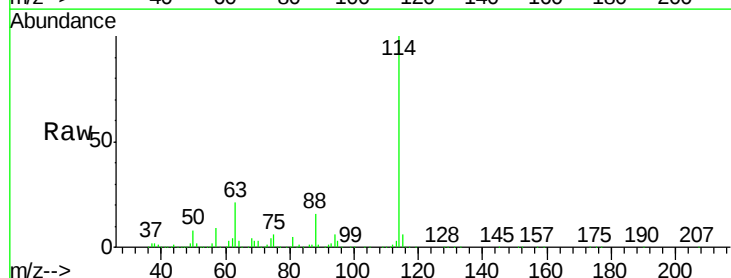
Tgt Ion: 114 Resp: 487185

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

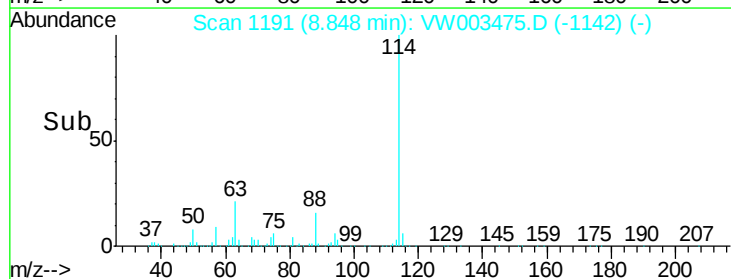
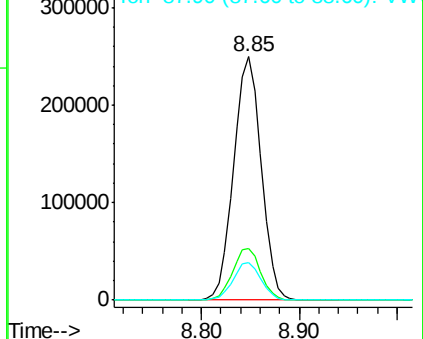
88 15.5 0.0 29.6

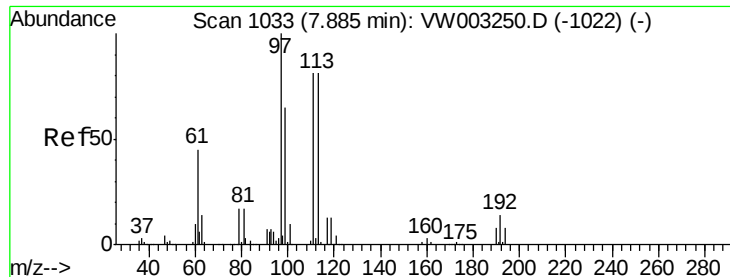


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

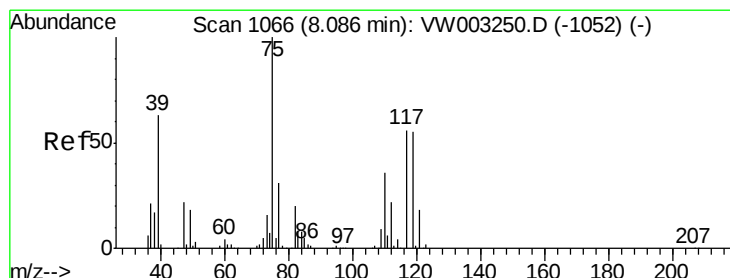
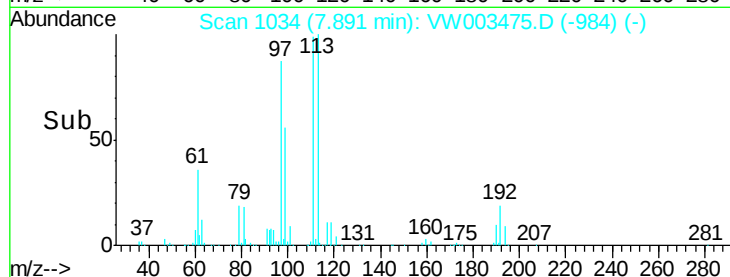
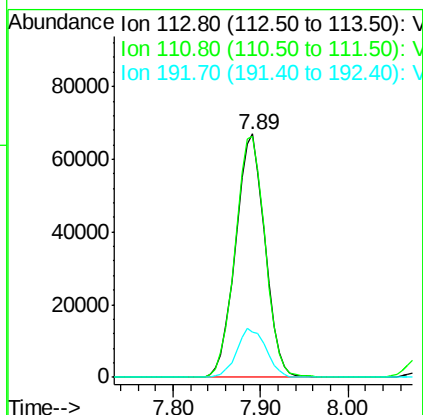
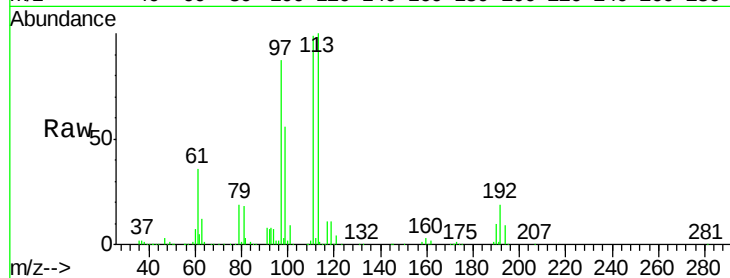




#35
 Dibromofluoromethane
 Concen: 51.578 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

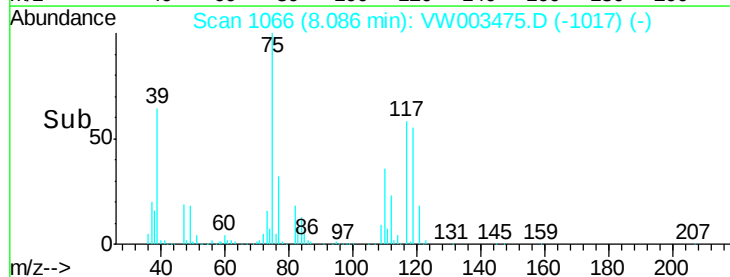
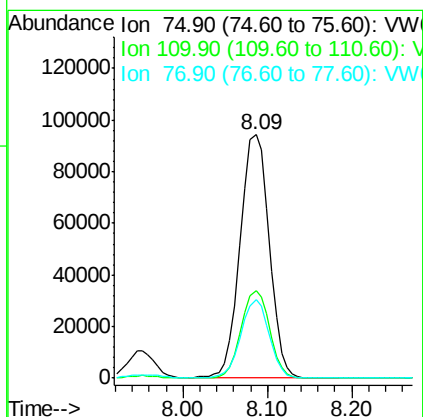
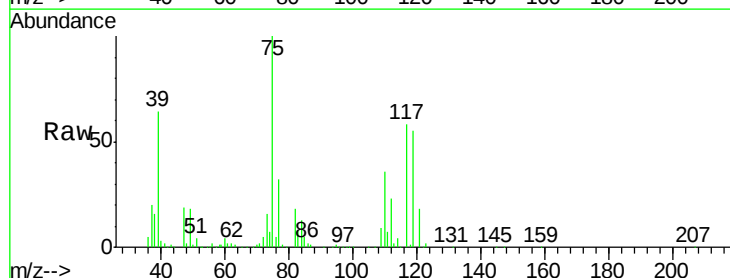
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

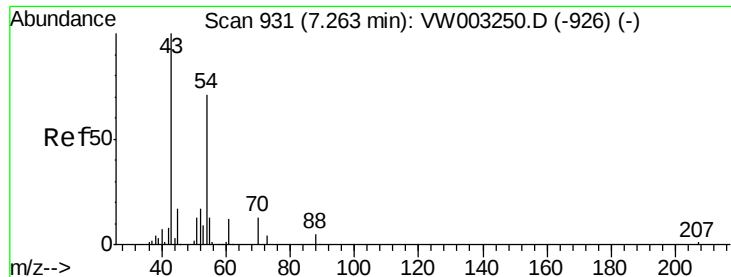
Tgt Ion: 113 Resp: 156138
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.2
 192 20.1 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 46.774 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 75 Resp: 220068
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.1 51.3
 77 31.3 24.9 37.3

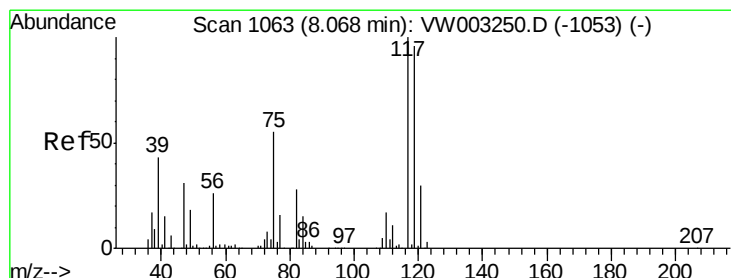
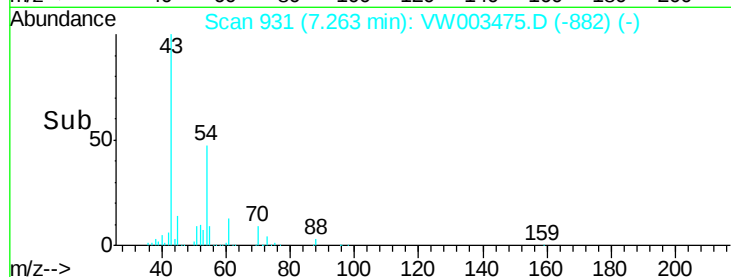
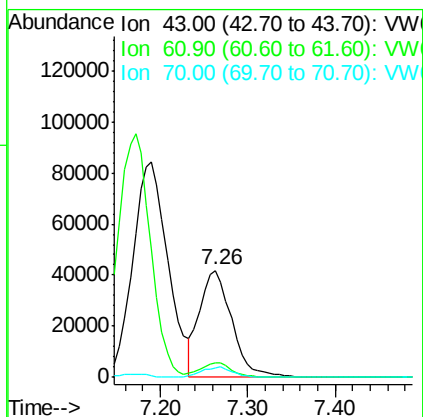
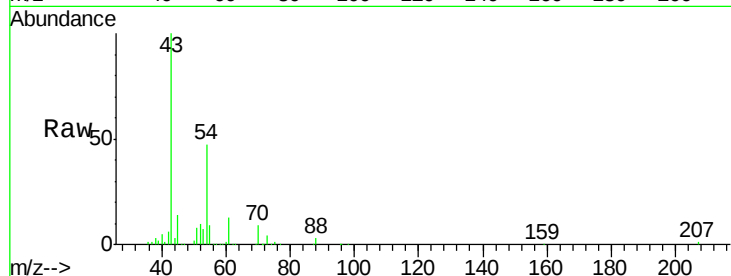




#37
 Ethyl Acetate
 Concen: 54.736 ug/l
 RT: 7.26 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

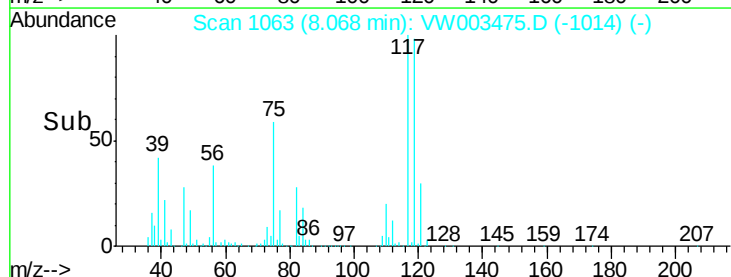
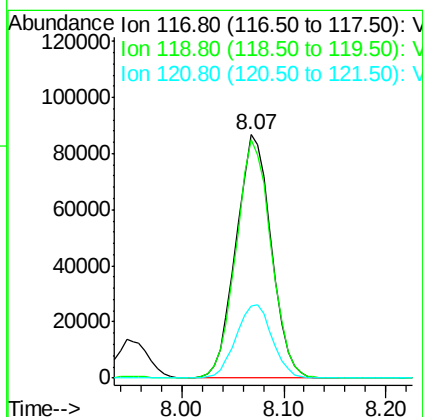
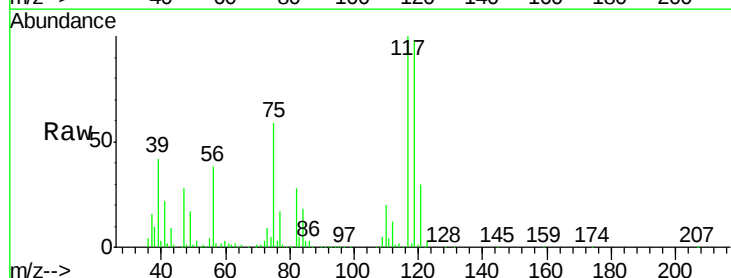
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

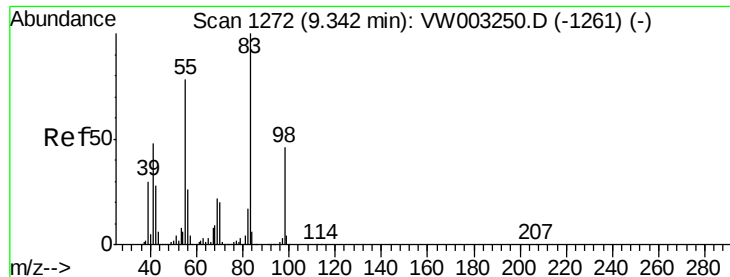
Tgt Ion: 43 Resp: 106688
 Ion Ratio Lower Upper
 43 100
 61 13.0 10.8 16.2
 70 9.6 7.8 11.6



#38
 Carbon Tetrachloride
 Concen: 45.059 ug/l
 RT: 8.07 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 117 Resp: 207951
 Ion Ratio Lower Upper
 117 100
 119 97.8 76.6 115.0
 121 29.5 23.9 35.9

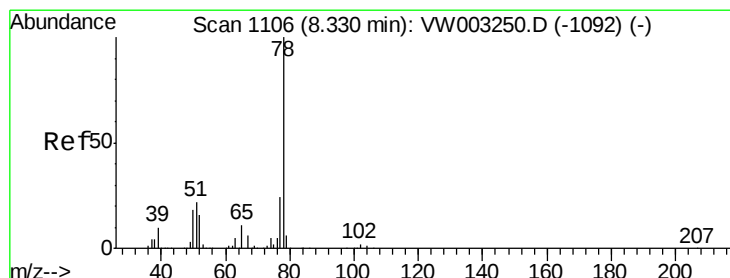
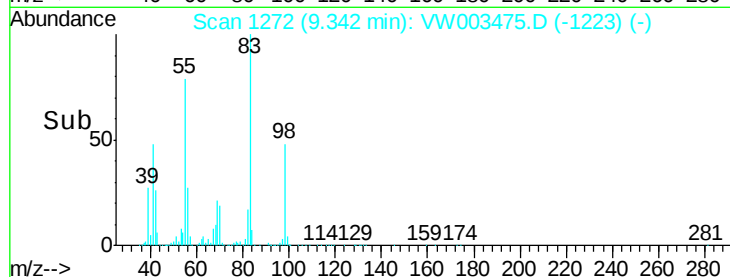
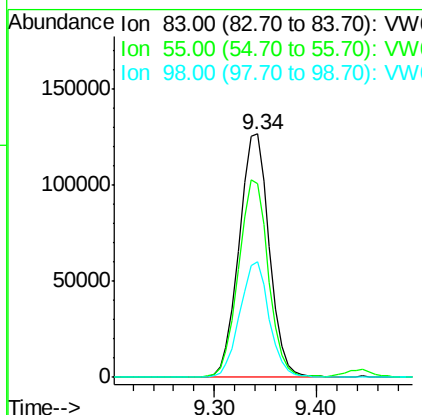
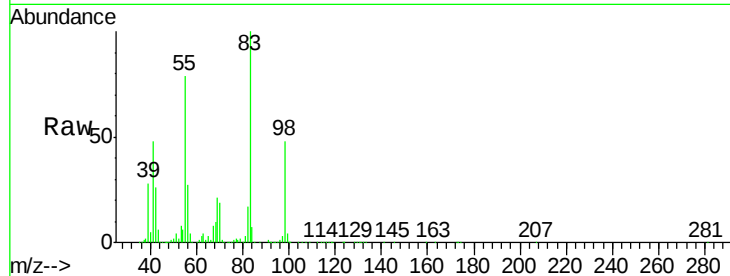




#39
Methylcyclohexane
Concen: 47.806 ug/l
RT: 9.34 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

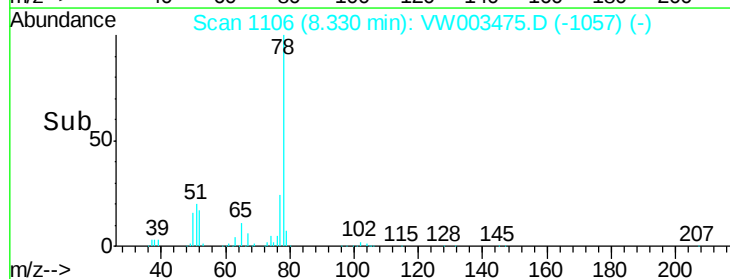
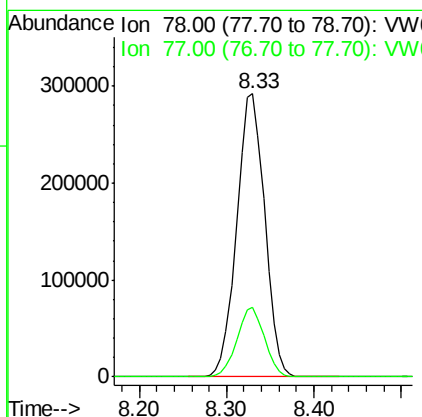
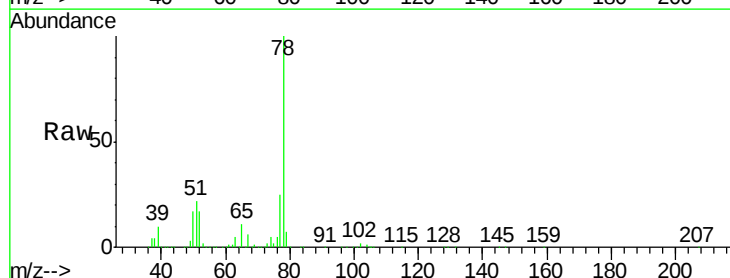
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

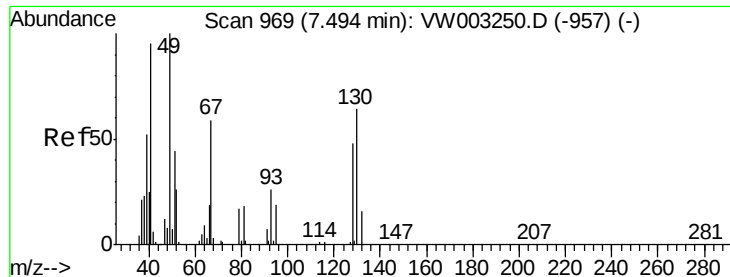
Tgt Ion: 83 Resp: 260257
Ion Ratio Lower Upper
83 100
55 79.3 62.6 93.8
98 47.7 37.0 55.4



#40
Benzene
Concen: 50.079 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 78 Resp: 649475
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

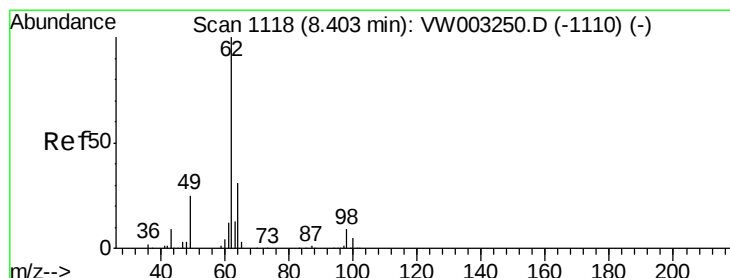
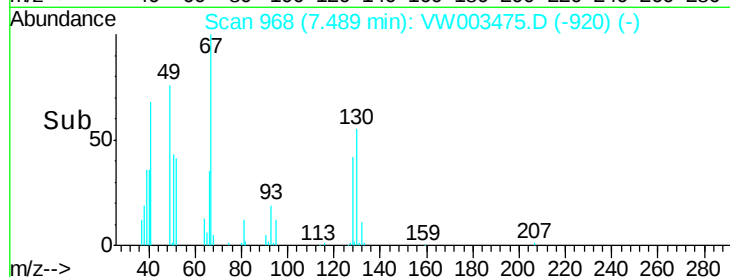
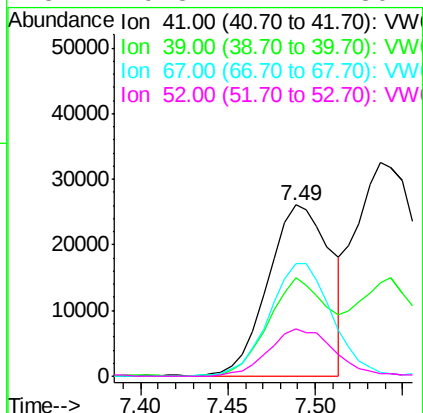
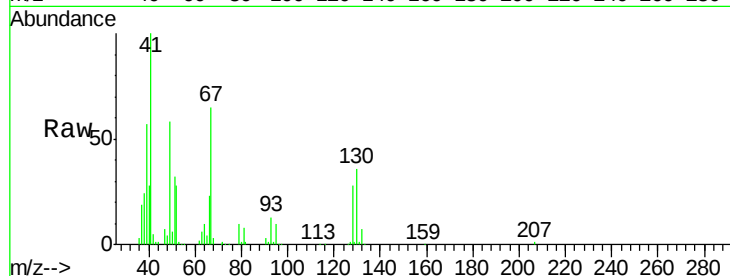




#41
Methacrylonitrile
Concen: 54.598 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

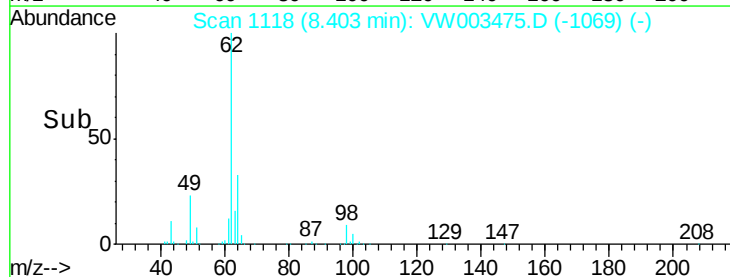
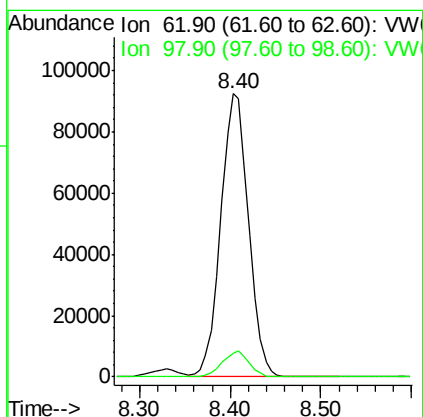
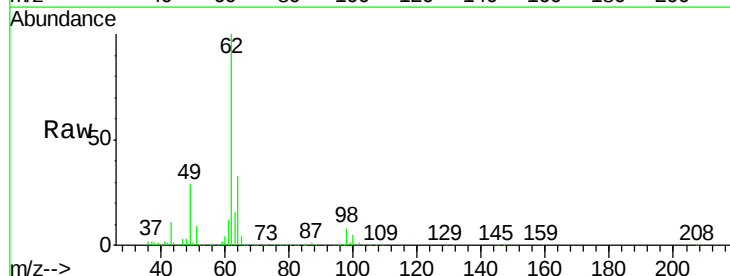
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	65304
Ion	Ratio	Lower	Upper
41	100		
39	54.5	45.8	68.8
67	66.5	52.3	78.5
52	29.3	24.1	36.1



#42
1,2-Dichloroethane
Concen: 48.749 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:	62	Resp:	198076
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2

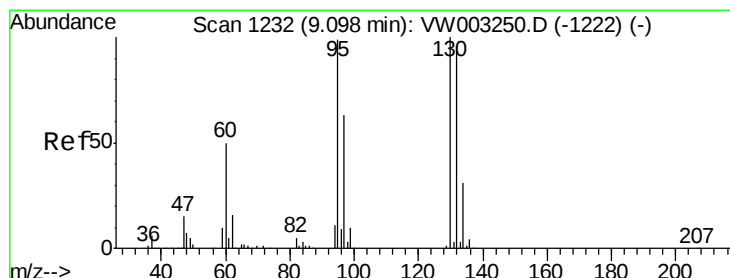
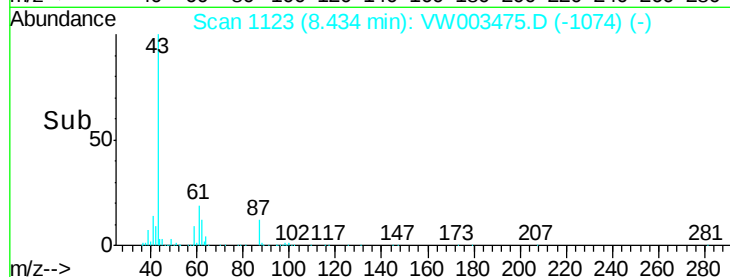
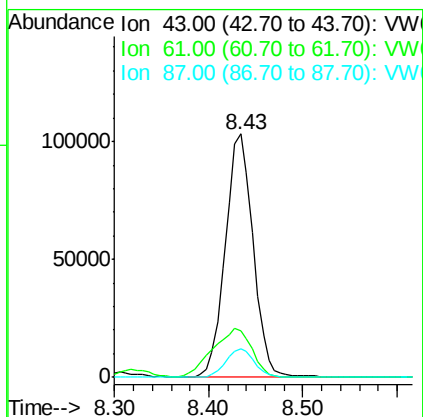
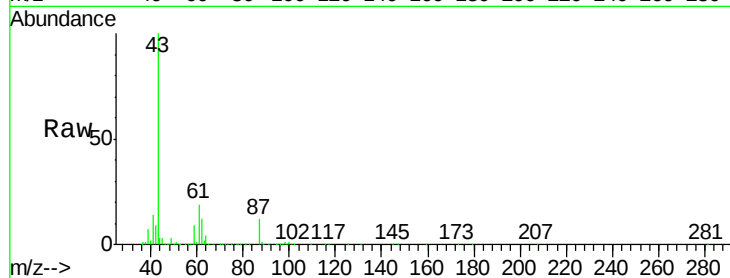




#43
Isopropyl Acetate
Concen: 54.351 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

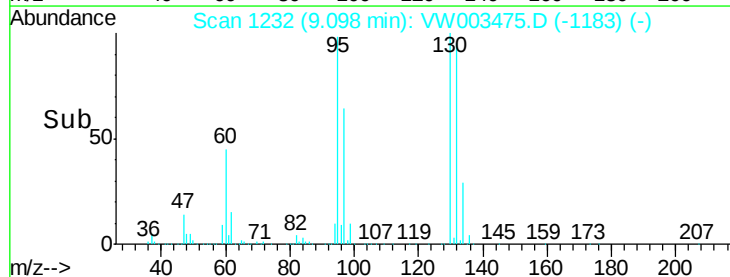
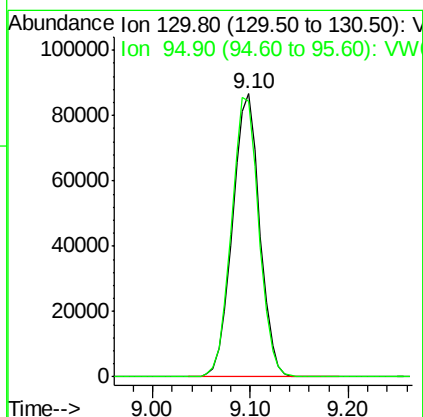
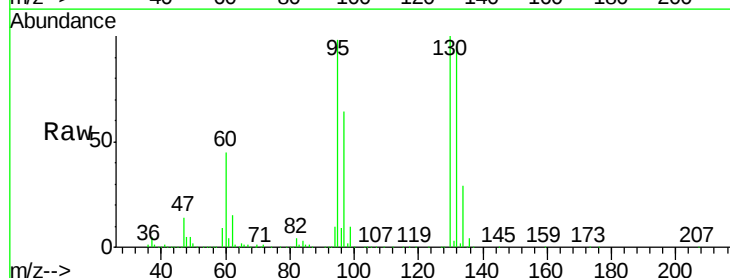
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 210354
Ion Ratio Lower Upper
43 100
61 28.5 23.1 34.7
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 48.548 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 130 Resp: 166832
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.0





#45

1,2-Dichloropropane

Concen: 51.178 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

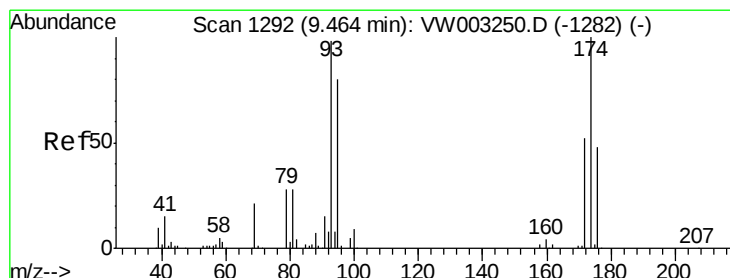
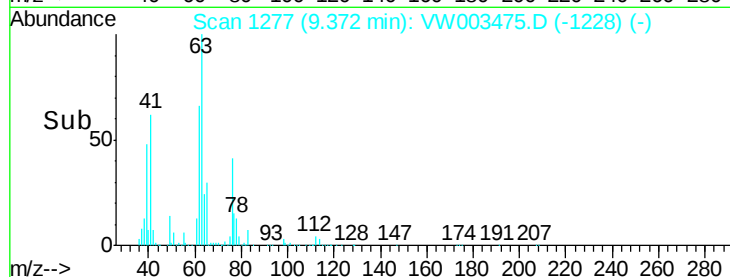
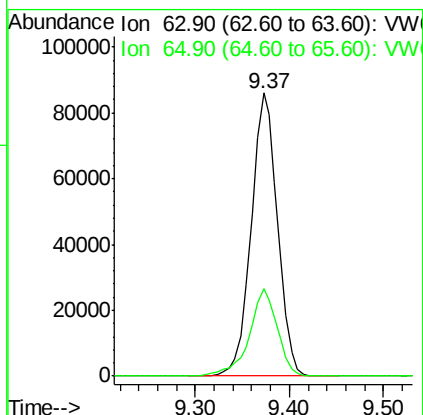
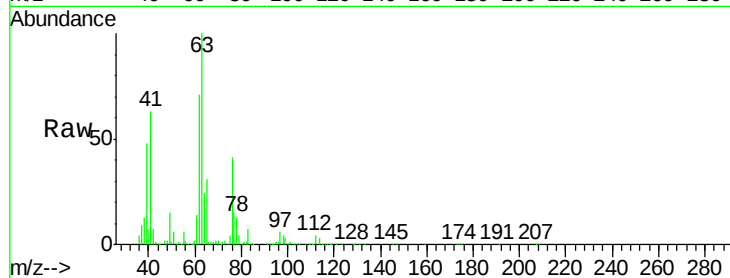
VSTDCCC050EC

Tgt Ion: 63 Resp: 168994

Ion Ratio Lower Upper

63 100

65 30.9 25.1 37.7



#46

Dibromomethane

Concen: 50.684 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

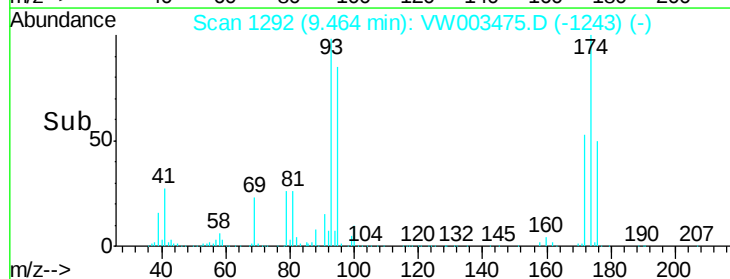
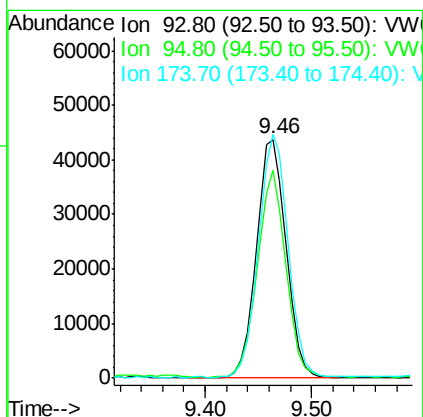
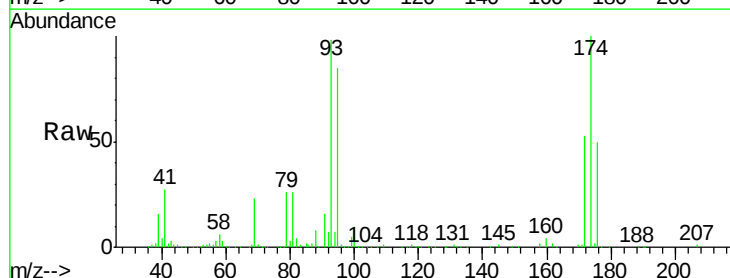
Tgt Ion: 93 Resp: 85685

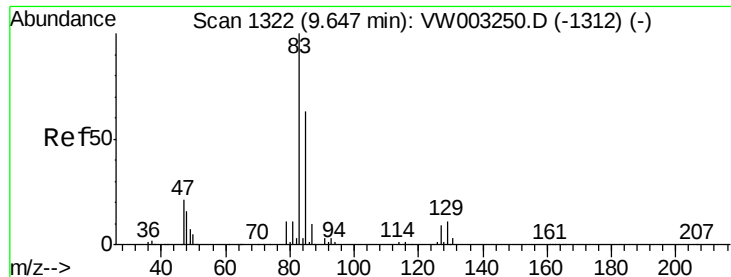
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 101.1 81.4 122.0





#47

Bromodichloromethane

Concen: 49.854 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

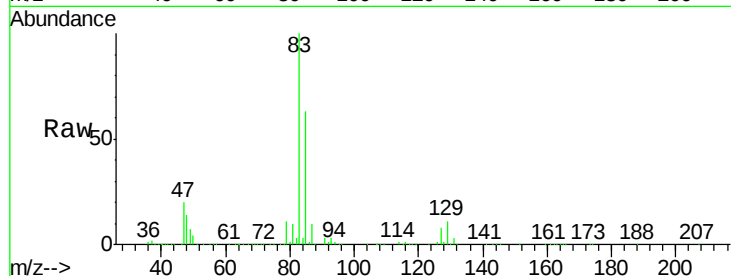
Tgt Ion: 83 Resp: 216039

Ion Ratio Lower Upper

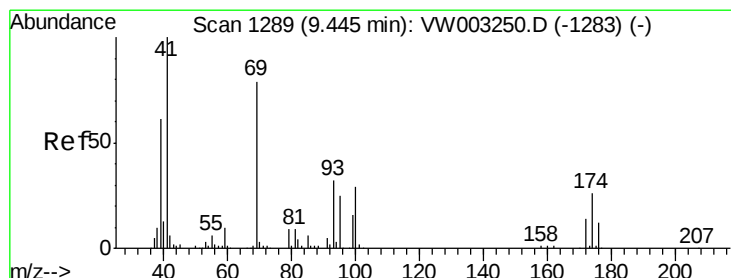
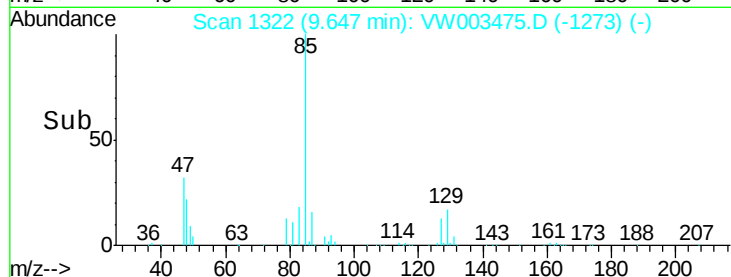
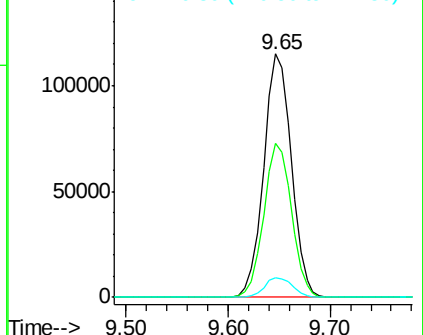
83 100

85 63.5 50.6 75.8

127 8.1 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: 56.422 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

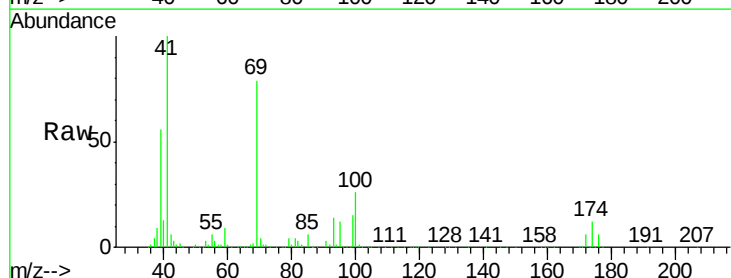
Tgt Ion: 41 Resp: 102623

Ion Ratio Lower Upper

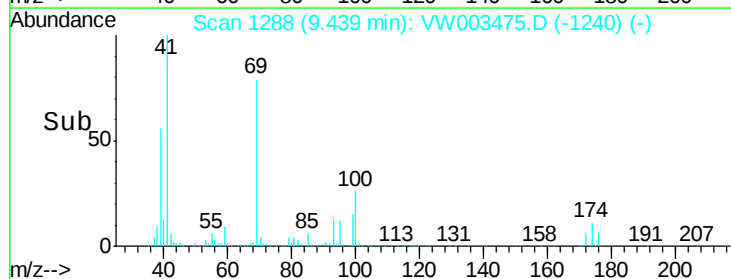
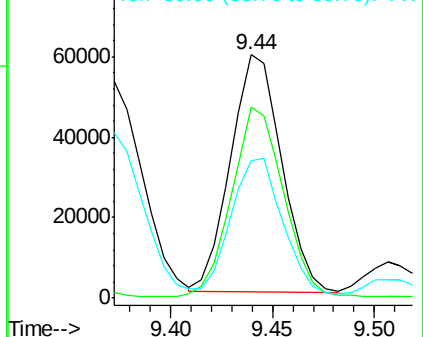
41 100

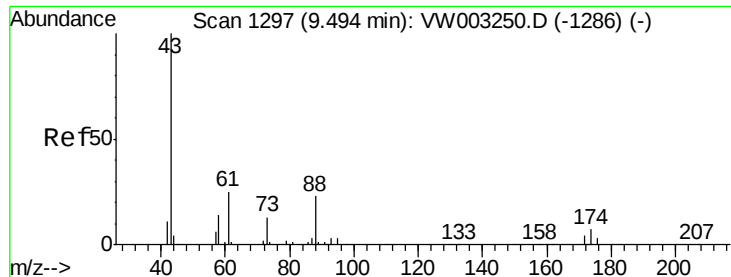
69 81.9 65.4 98.2

39 60.9 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

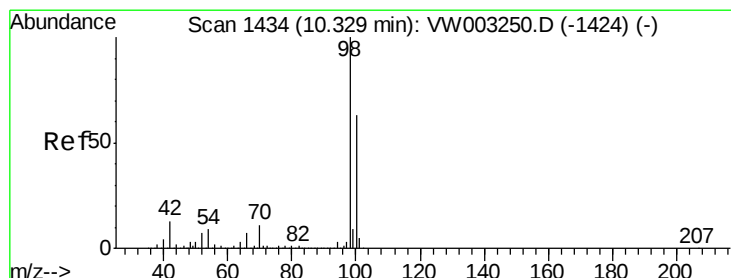
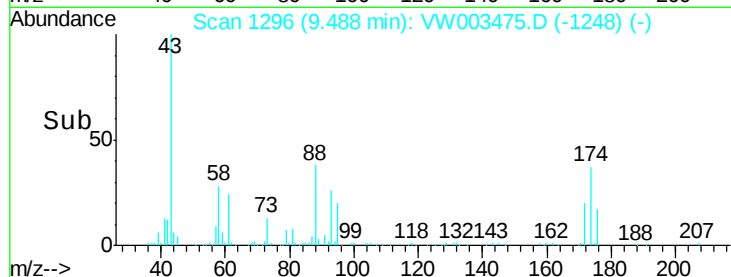
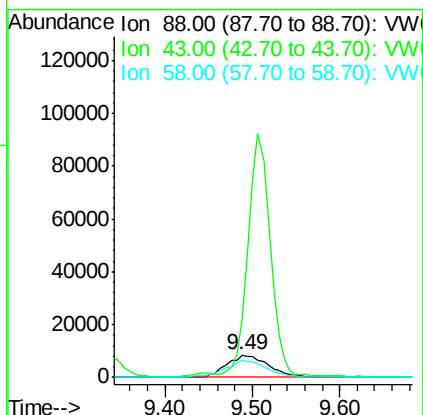
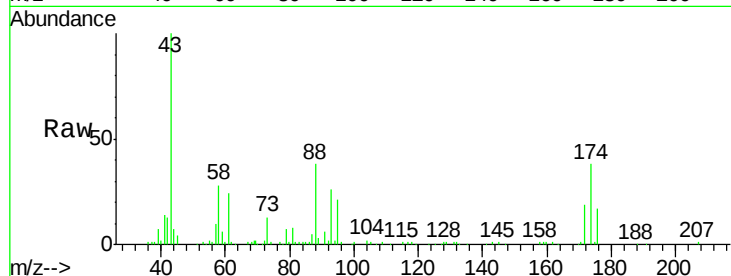




#49
1,4-Dioxane
Concen: 1080.864 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

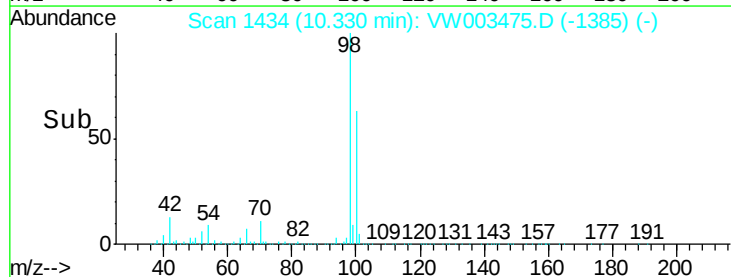
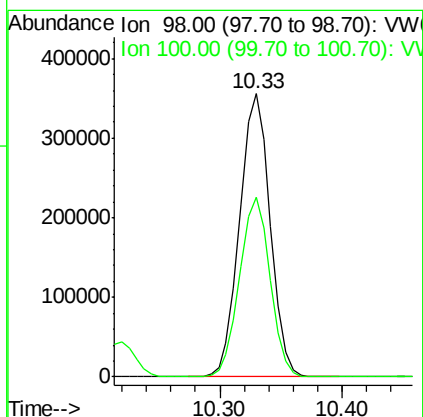
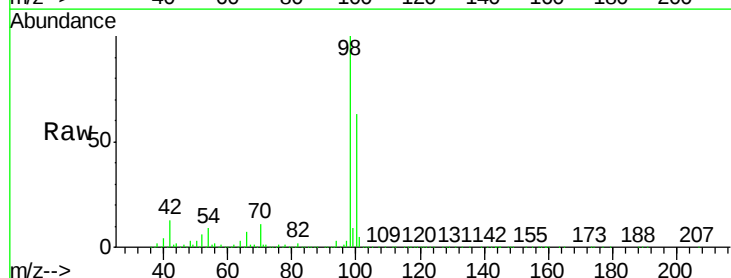
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

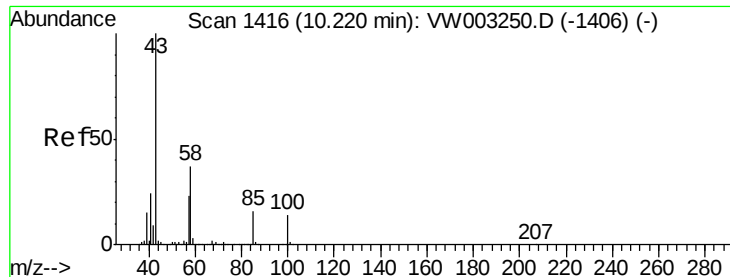
Tgt Ion: 88 Resp: 27590
Ion Ratio Lower Upper
88 100
43 598.5 454.7 682.1
58 78.0 58.6 88.0



#50
Toluene-d8
Concen: 51.269 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 98 Resp: 615417
Ion Ratio Lower Upper
98 100
100 63.5 50.8 76.2

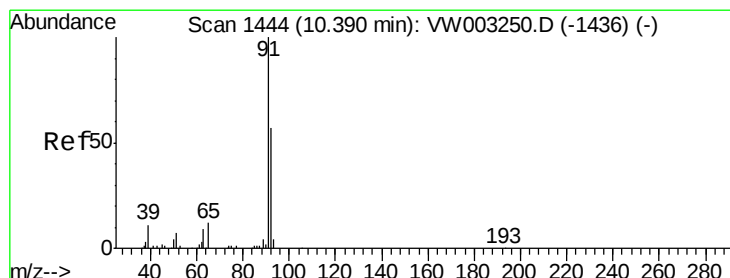
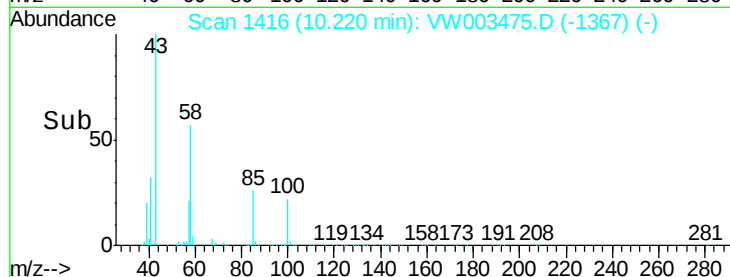
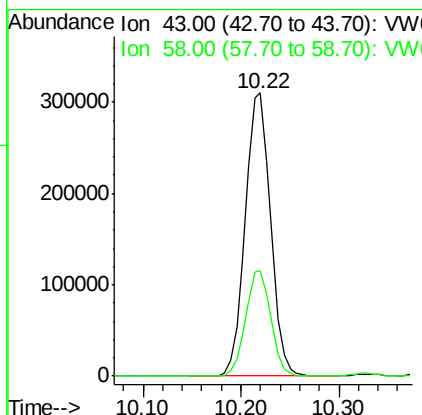
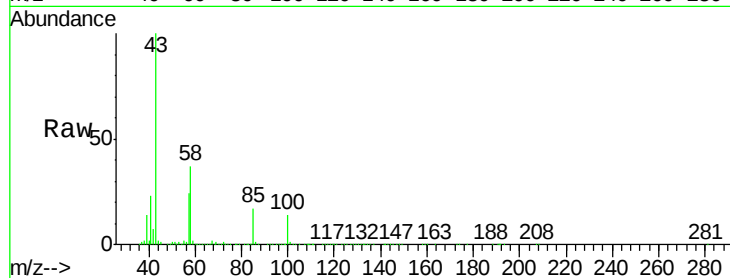




#51
 4-Methyl-2-Pentanone
 Concen: 281.112 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

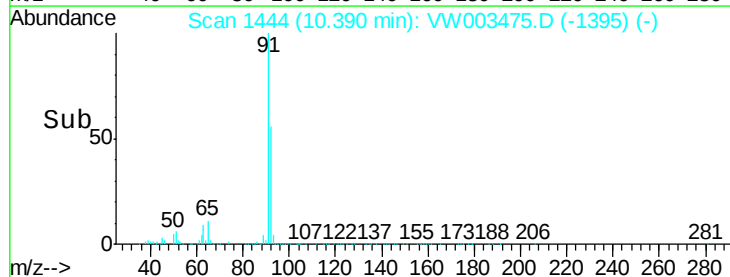
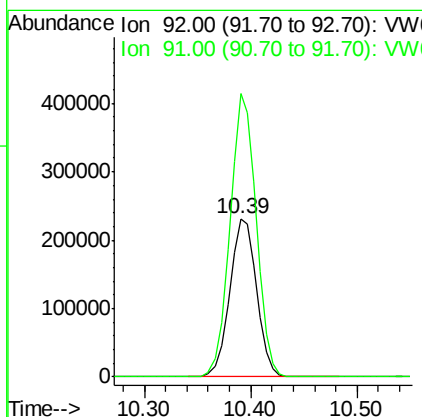
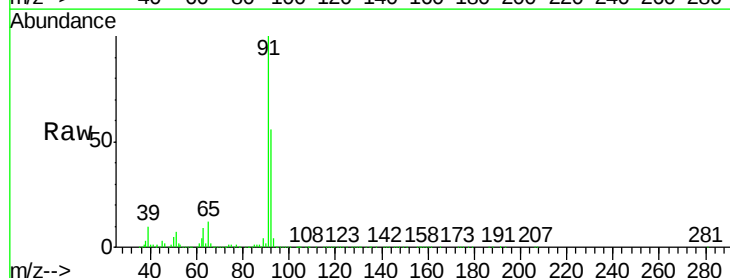
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

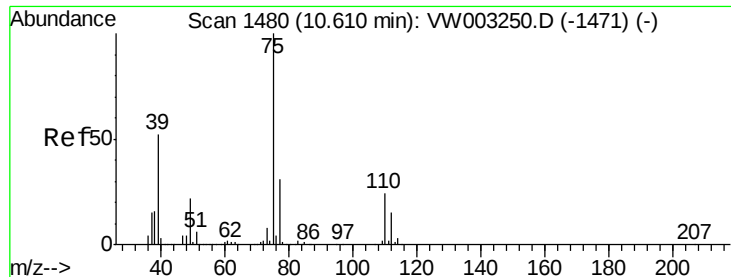
Tgt Ion: 43 Resp: 554385
 Ion Ratio Lower Upper
 43 100
 58 37.1 29.0 43.4



#52
 Toluene
 Concen: 48.931 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 92 Resp: 406931
 Ion Ratio Lower Upper
 92 100
 91 174.9 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 51.506 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

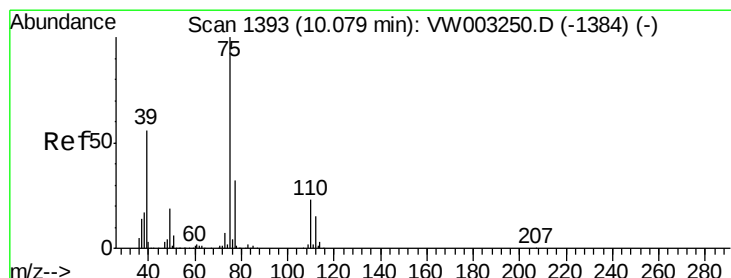
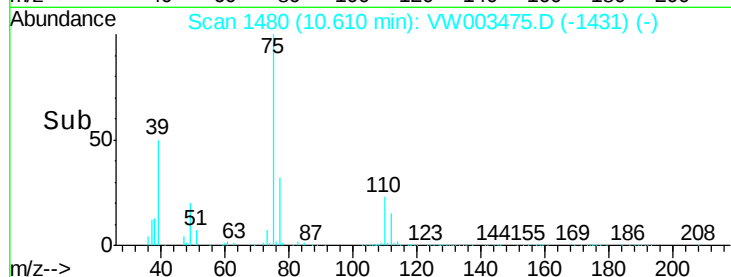
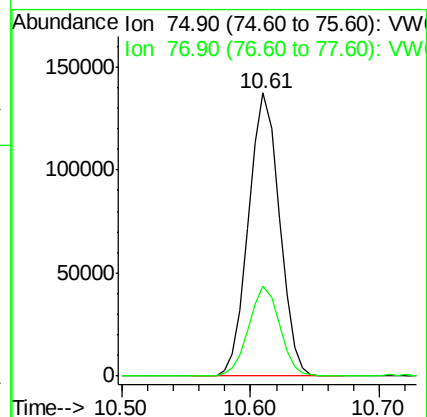
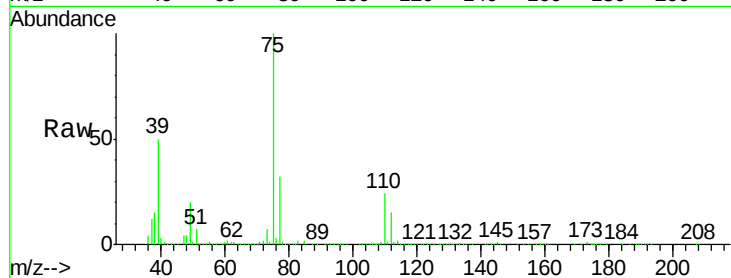
VSTDCCC050EC

Tgt Ion: 75 Resp: 227998

Ion Ratio Lower Upper

75 100

77 31.6 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 51.056 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

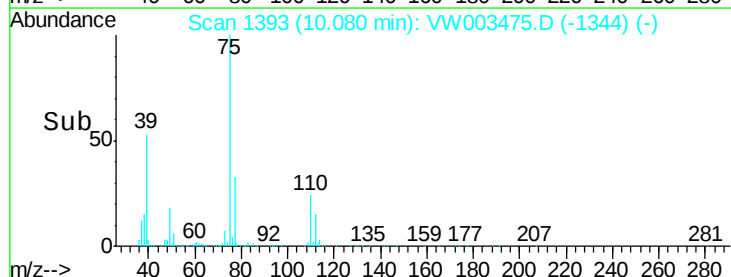
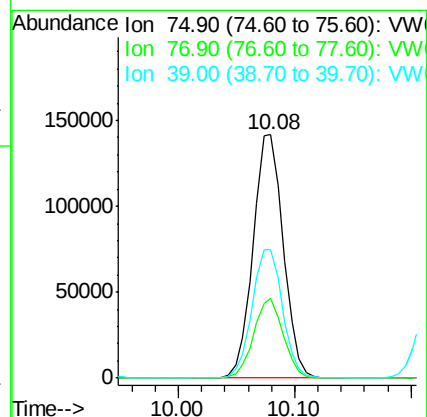
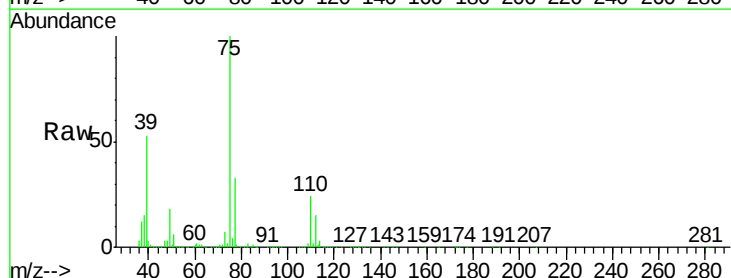
Tgt Ion: 75 Resp: 257233

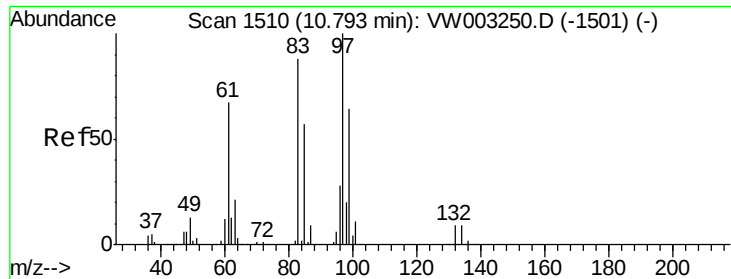
Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 52.6 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 51.030 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 121568

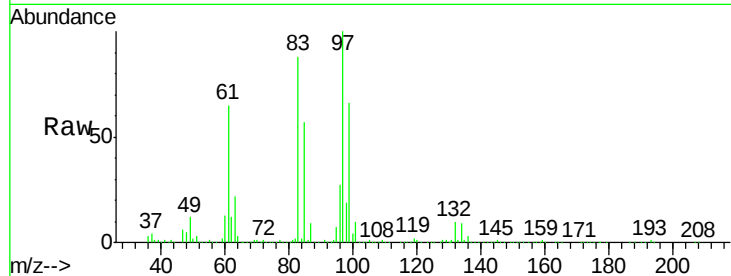
Ion Ratio Lower Upper

97 100

83 88.0 70.2 105.2

85 56.8 45.6 68.4

99 66.0 51.2 76.8

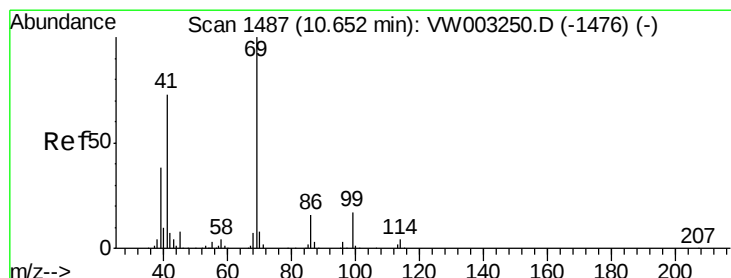
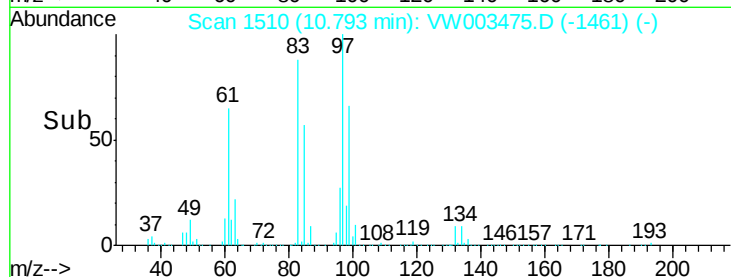
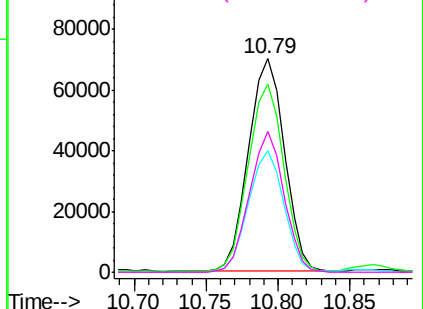


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 57.082 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

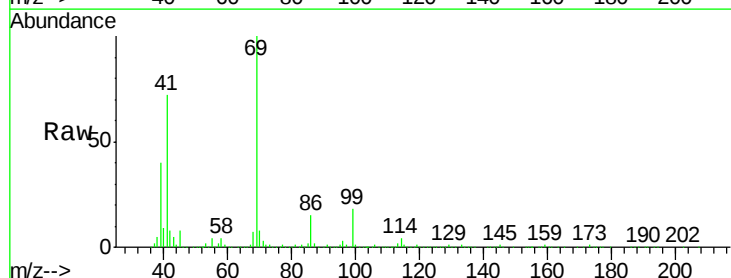
Tgt Ion: 69 Resp: 165129

Ion Ratio Lower Upper

69 100

41 70.9 57.8 86.6

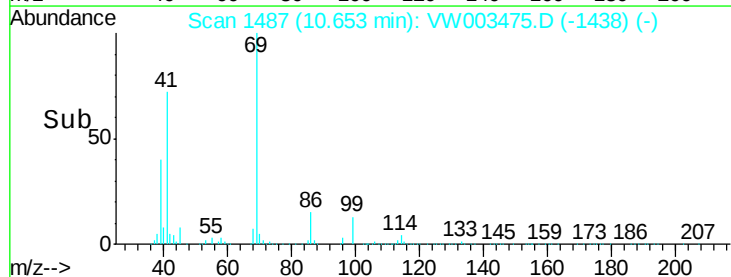
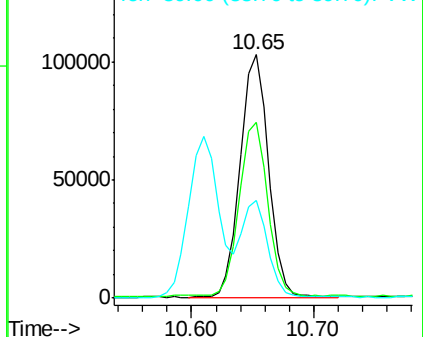
39 36.0 32.7 49.1



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: 51.933 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

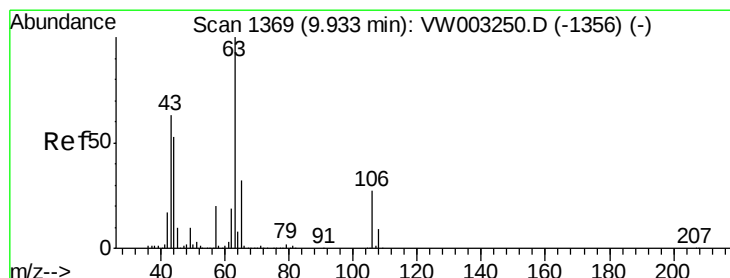
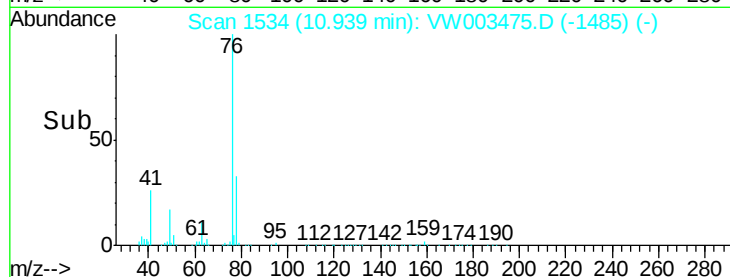
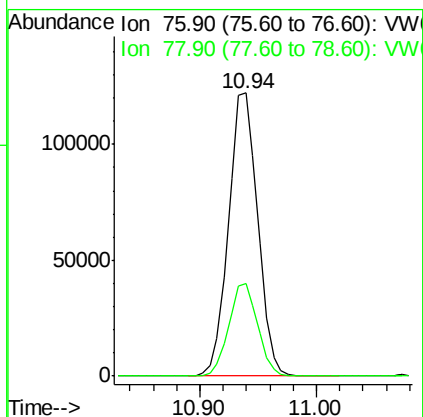
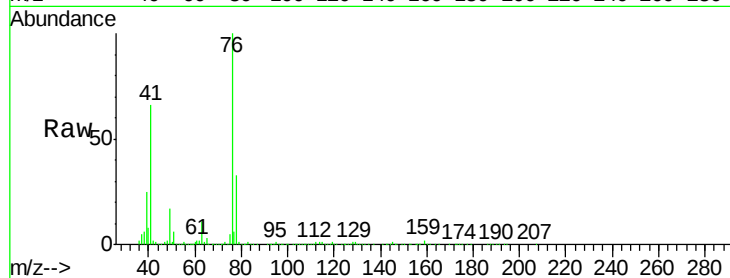
VSTDCCC050EC

Tgt Ion: 76 Resp: 213376

Ion Ratio Lower Upper

76 100

78 32.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 274.864 ug/l

RT: 9.93 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VW003475.D

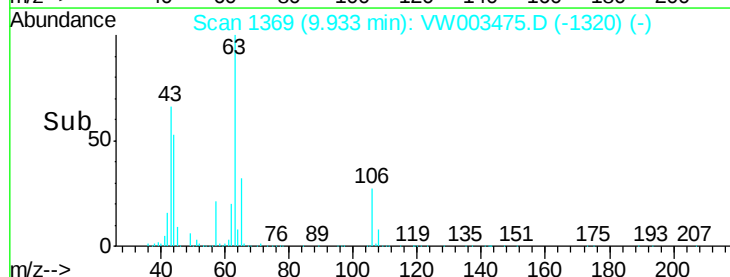
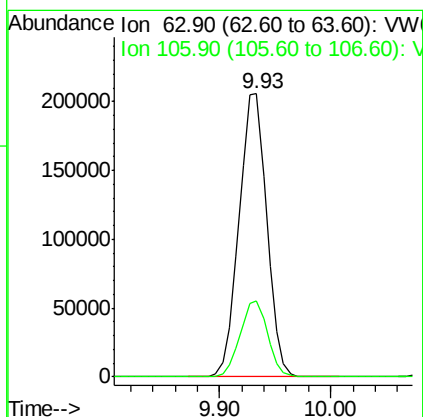
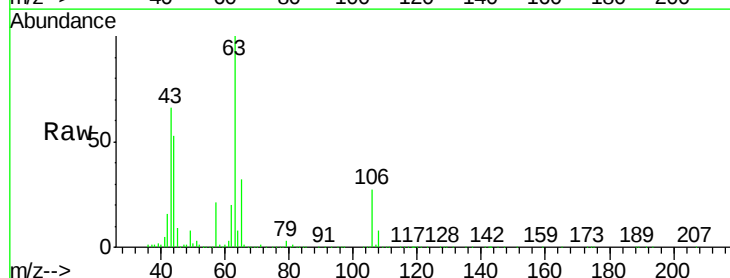
Acq: 23 Jun 2018 21:37

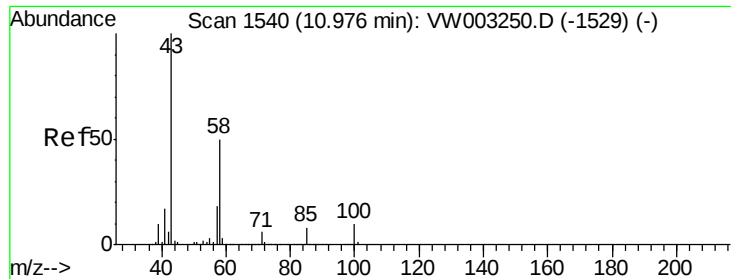
Tgt Ion: 63 Resp: 356446

Ion Ratio Lower Upper

63 100

106 26.6 21.8 32.8

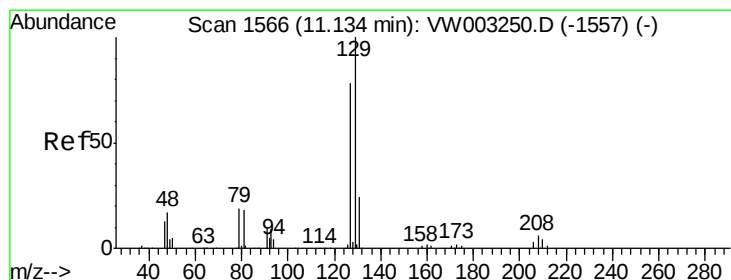
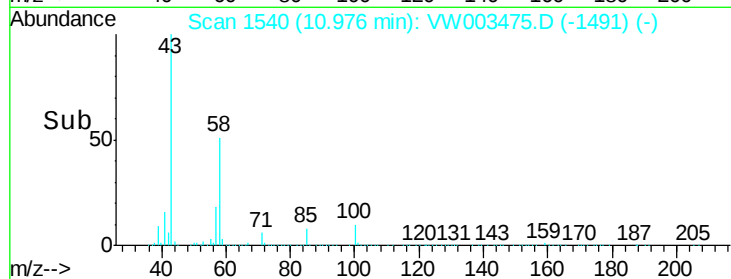
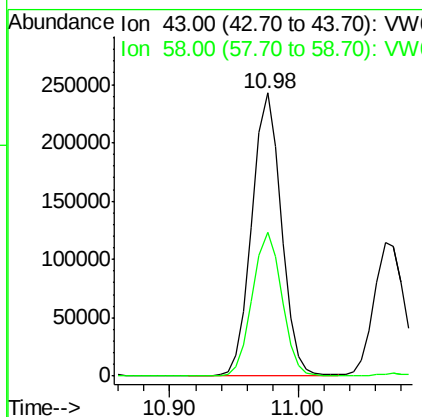
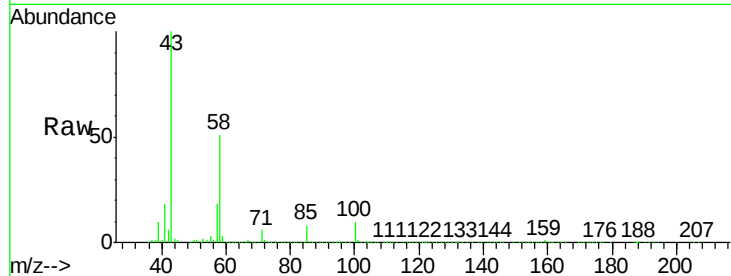




#59
2-Hexanone
Concen: 277.092 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

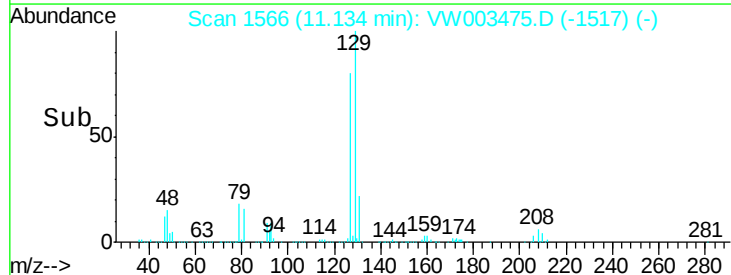
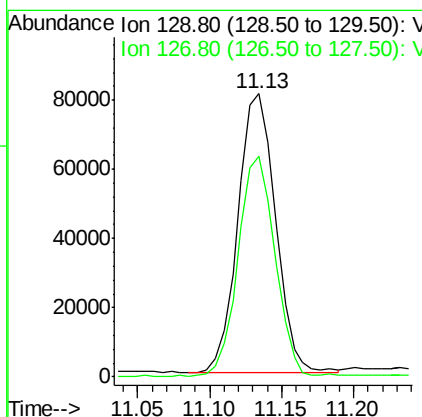
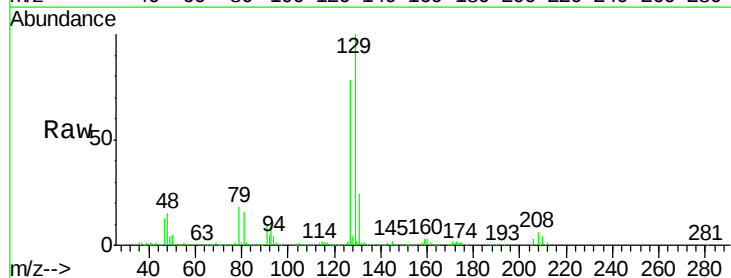
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

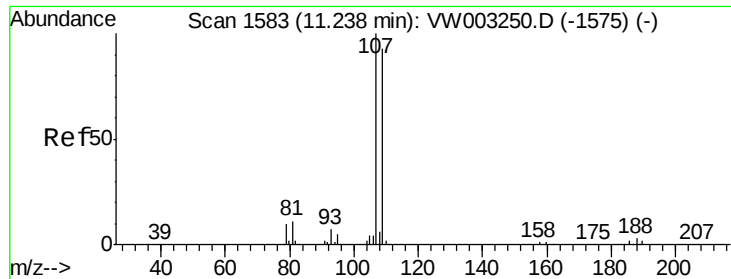
Tgt Ion: 43 Resp: 381749
Ion Ratio Lower Upper
43 100
58 51.4 25.0 75.0



#60
Dibromochloromethane
Concen: 51.325 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 129 Resp: 145405
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.5

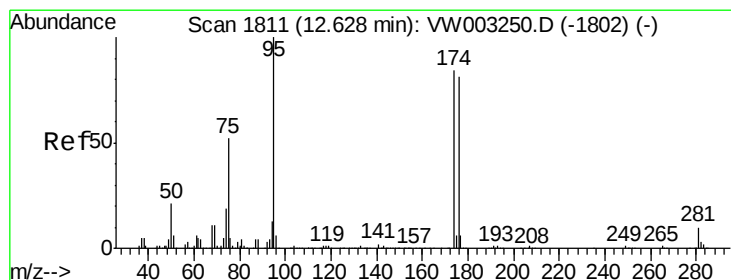
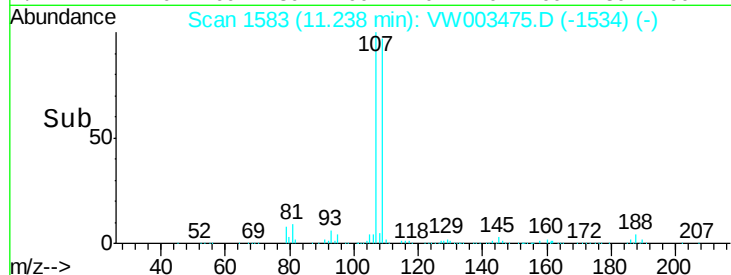
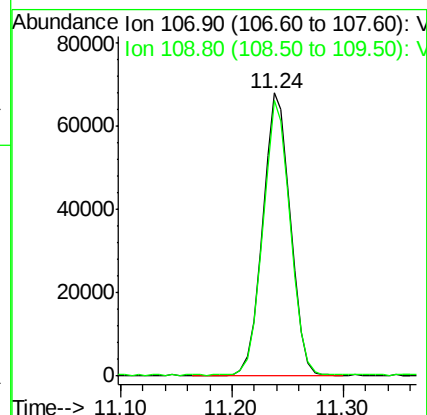
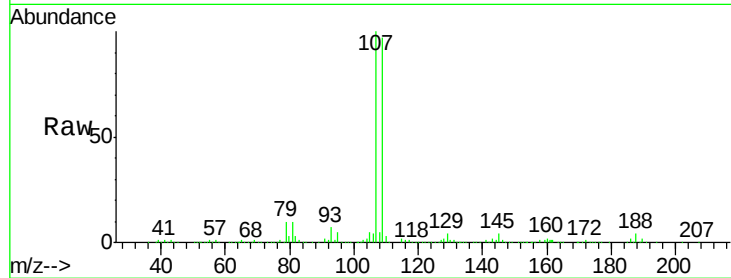




#61
 1,2-Dibromoethane
 Concen: 52.123 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

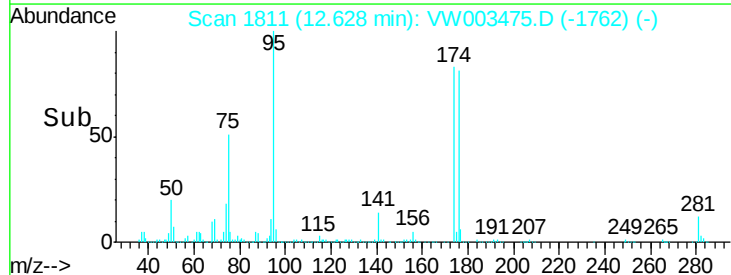
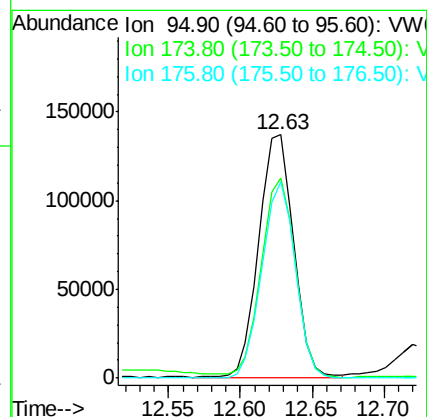
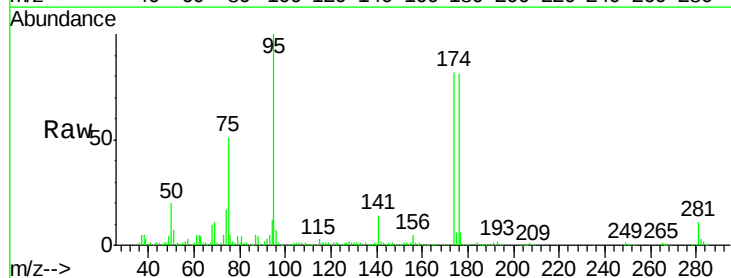
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

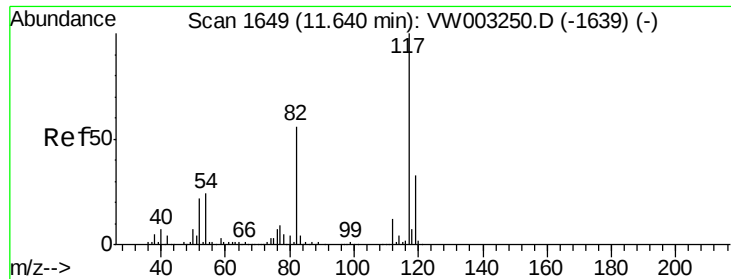
Tgt Ion: 107 Resp: 117454
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 53.867 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 95 Resp: 228827
 Ion Ratio Lower Upper
 95 100
 174 80.8 0.0 166.4
 176 77.8 0.0 162.0

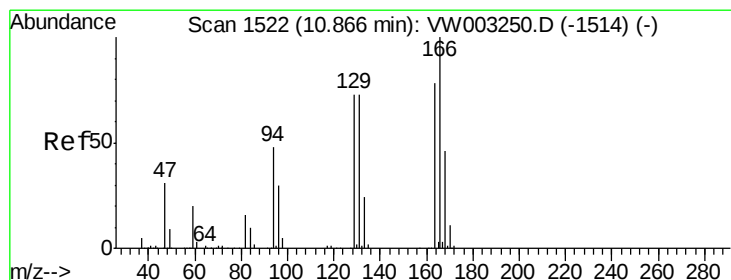
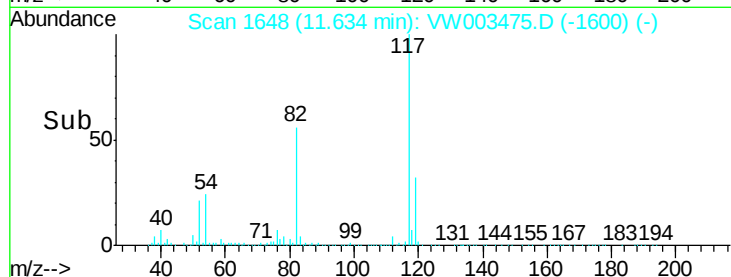
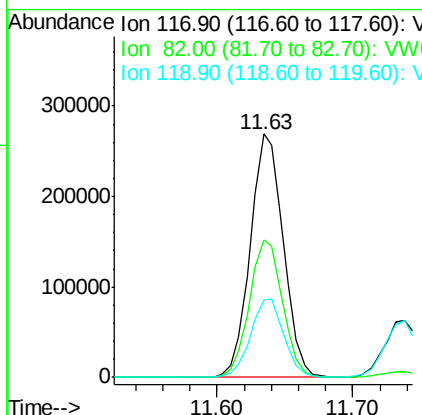
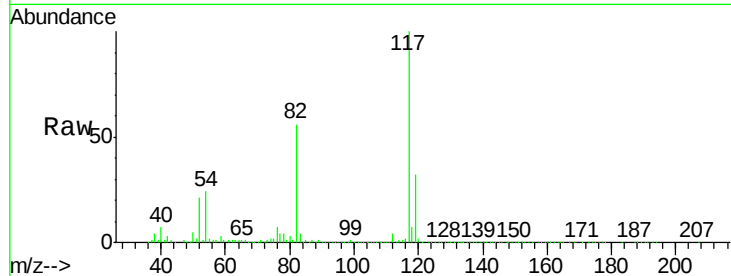




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

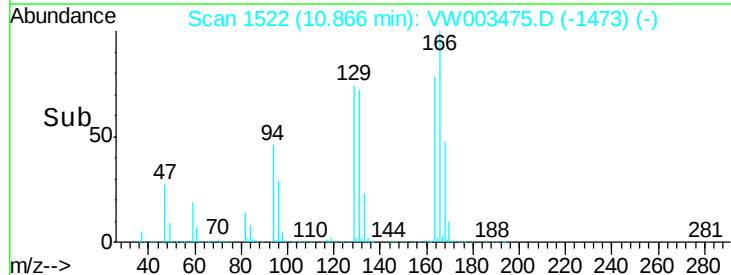
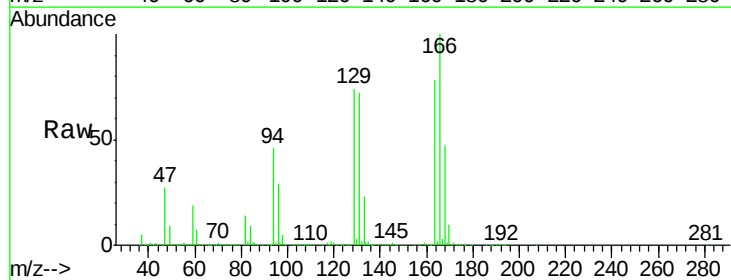
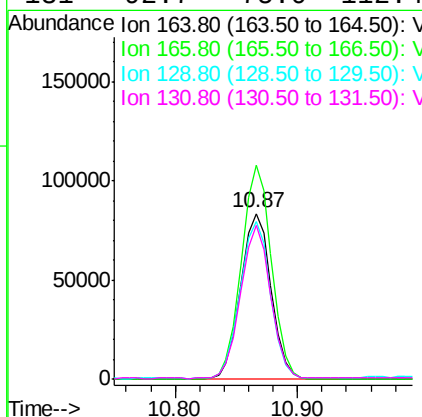
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

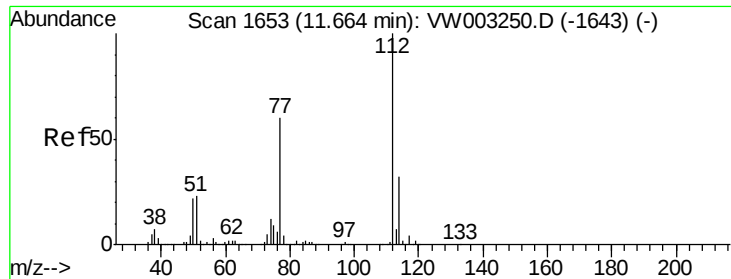
Tgt Ion:117 Resp: 456483
Ion Ratio Lower Upper
117 100
82 56.3 44.6 67.0
119 31.5 26.7 40.1



#64
Tetrachloroethene
Concen: 47.153 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:164 Resp: 143968
Ion Ratio Lower Upper
164 100
166 128.9 102.6 154.0
129 95.0 75.2 112.8
131 92.7 75.0 112.4





#65

Chlorobenzene

Concen: 48.328 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

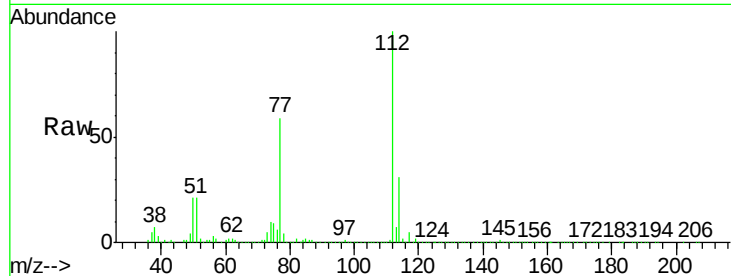
VSTDCCC050EC

Tgt Ion:112 Resp: 459402

Ion Ratio Lower Upper

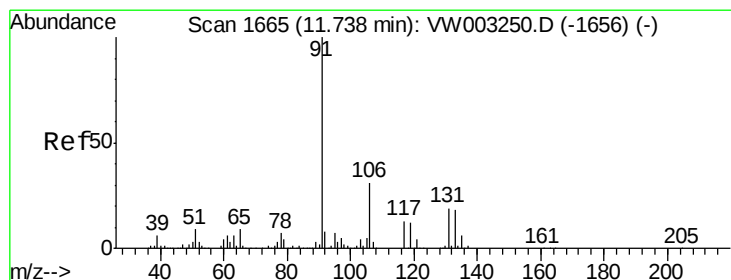
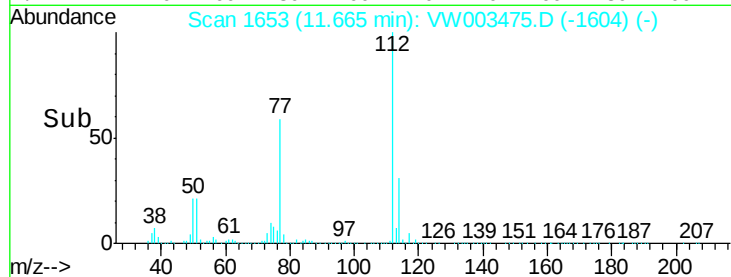
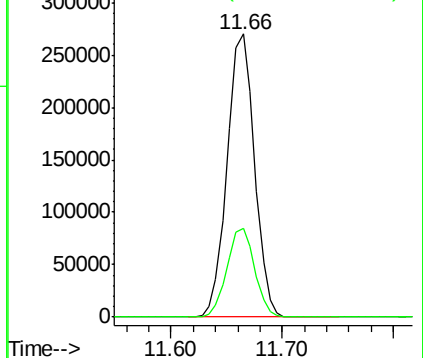
112 100

114 31.5 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.767 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

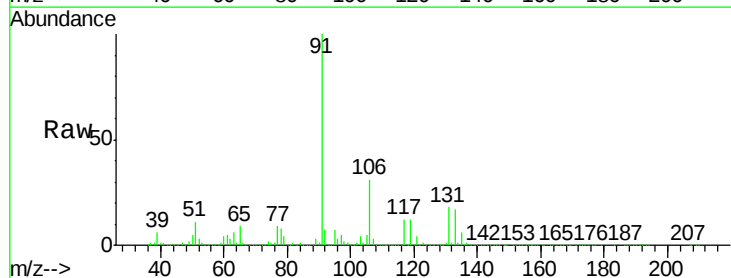
Tgt Ion:131 Resp: 159567

Ion Ratio Lower Upper

131 100

133 95.5 47.3 142.0

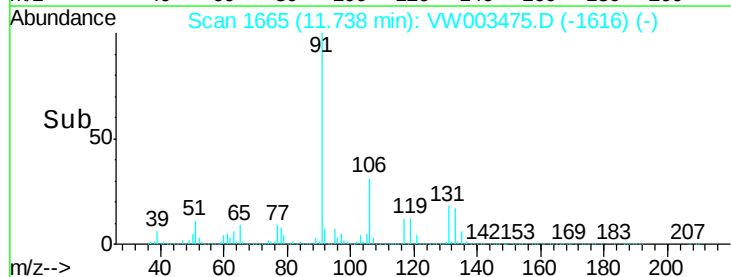
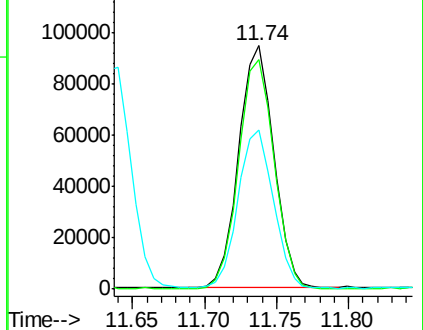
119 65.8 32.5 97.4

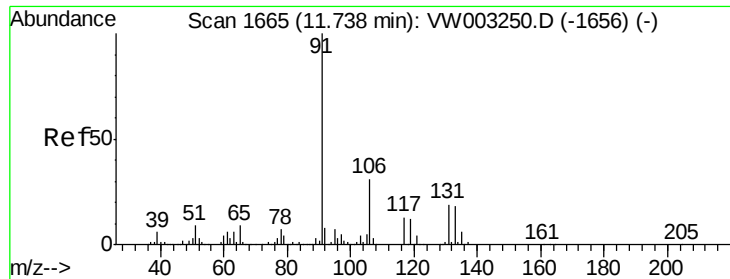


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

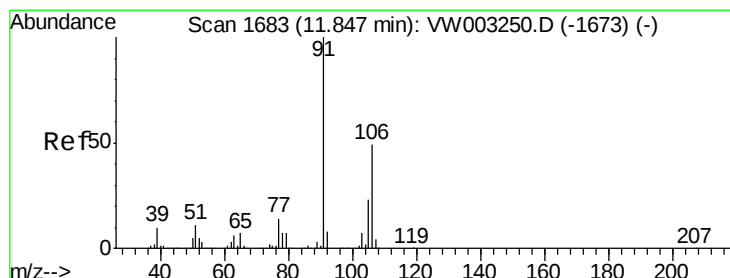
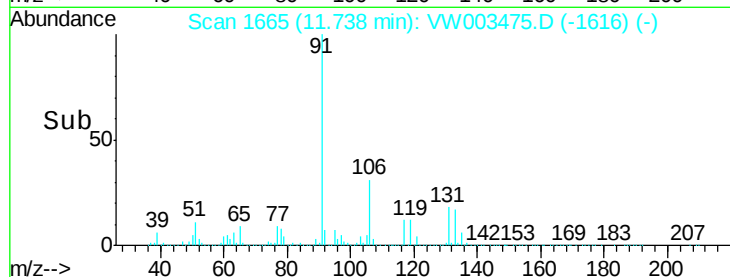
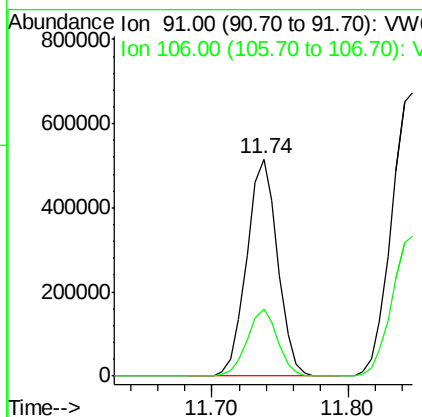
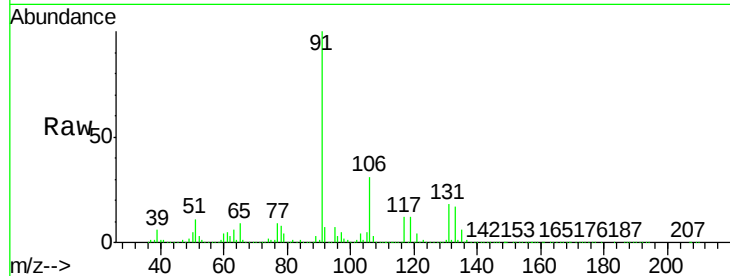




#67
Ethyl Benzene
Concen: 48.563 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

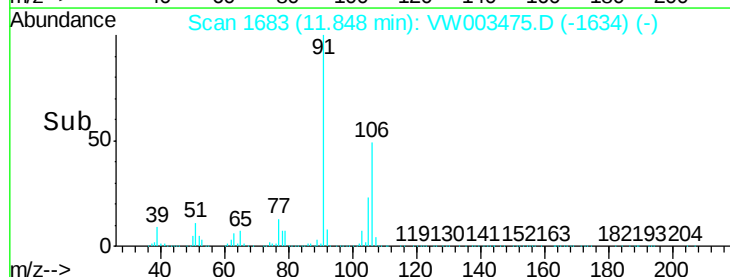
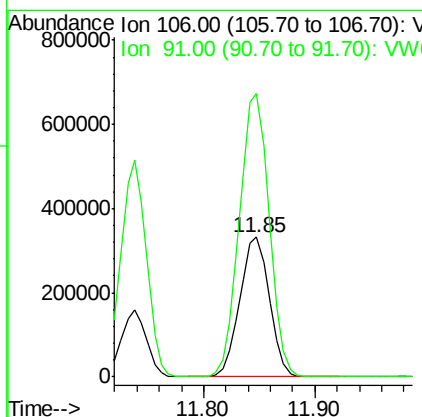
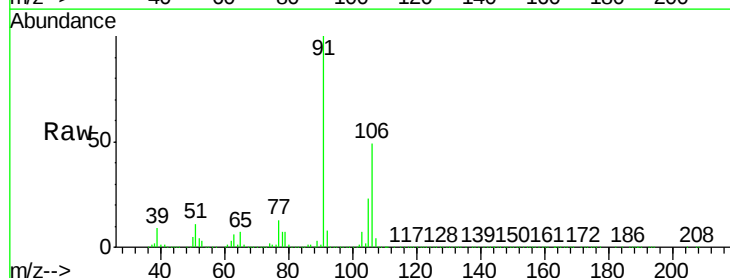
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

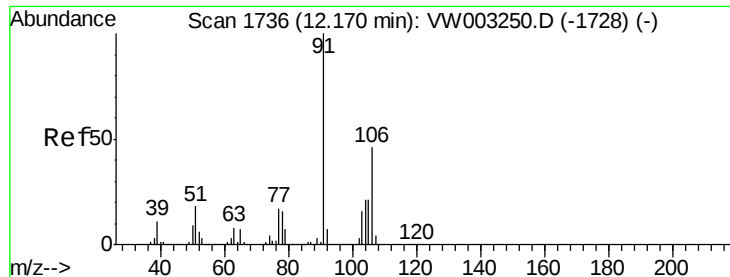
Tgt Ion: 91 Resp: 818302
Ion Ratio Lower Upper
91 100
106 30.7 24.7 37.1



#68
m/p-Xylenes
Concen: 95.314 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion: 106 Resp: 610529
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0

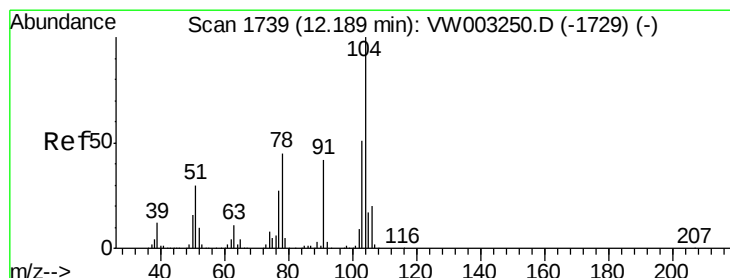
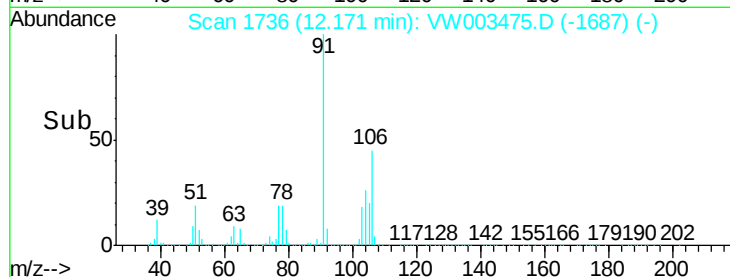
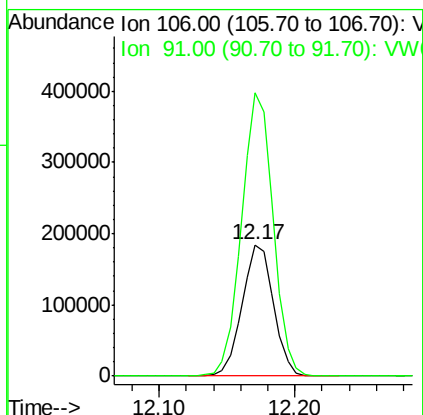
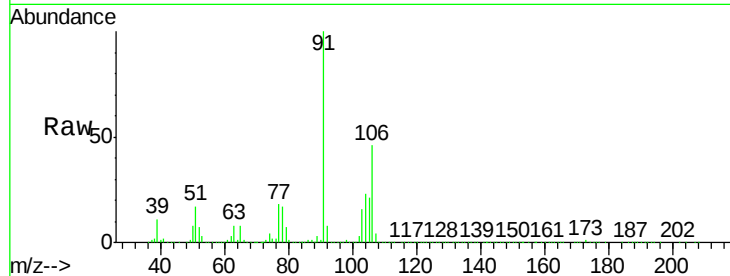




#69
o-Xylene
Concen: 49.975 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

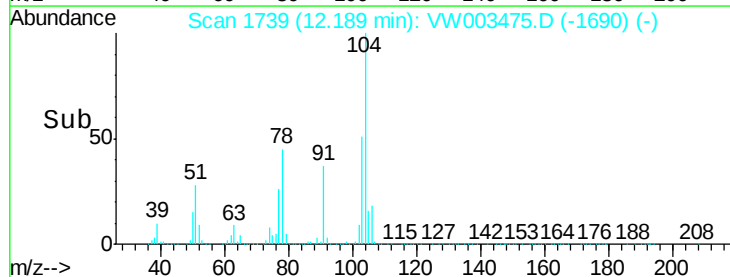
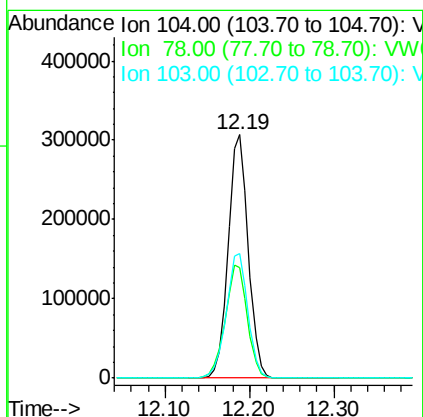
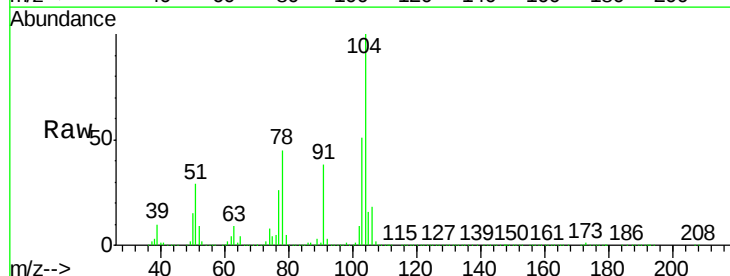
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

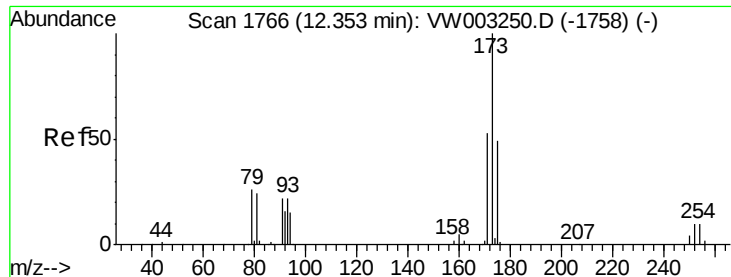
Tgt Ion:106 Resp: 296672
Ion Ratio Lower Upper
106 100
91 216.3 108.6 325.6



#70
Styrene
Concen: 50.442 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:104 Resp: 498423
Ion Ratio Lower Upper
104 100
78 50.9 41.3 61.9
103 55.2 45.0 67.4

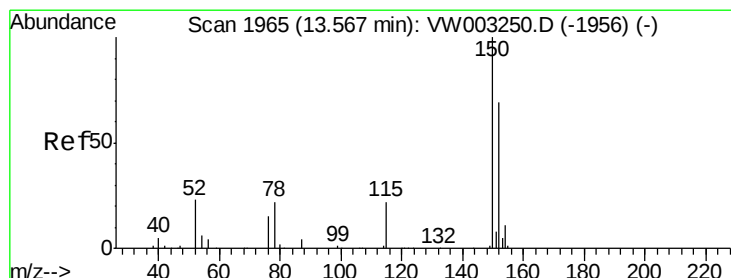
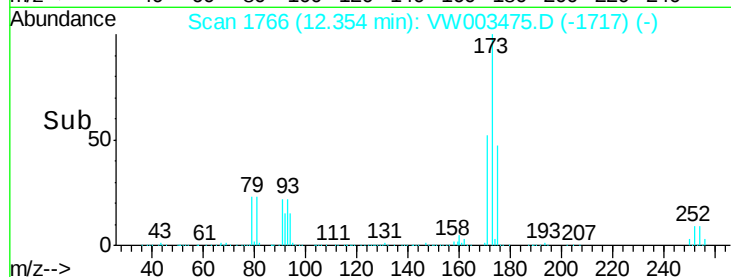
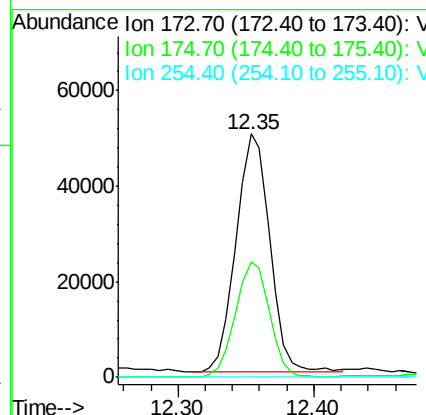
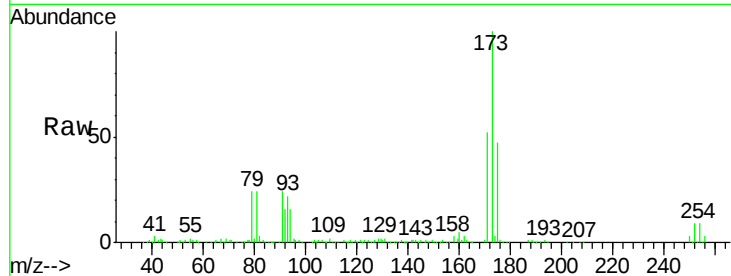




#71
Bromoform
Concen: 49.656 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

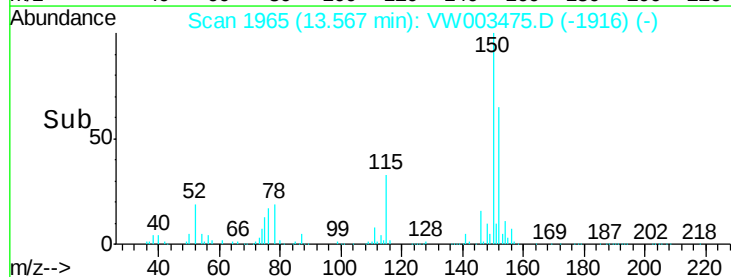
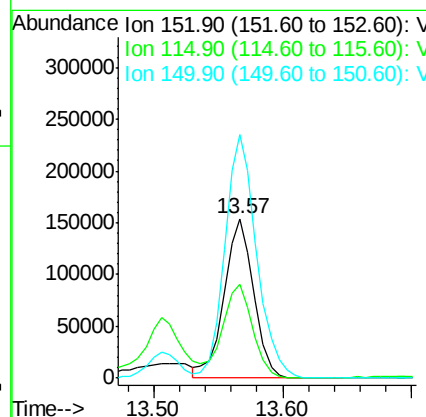
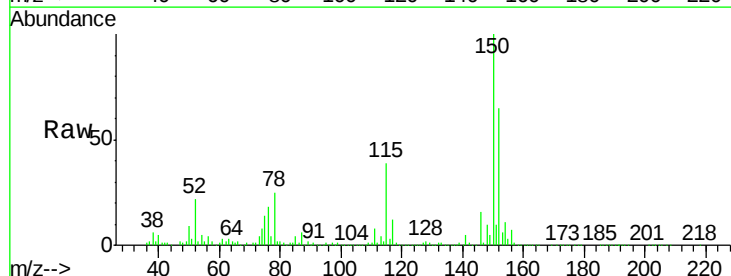
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

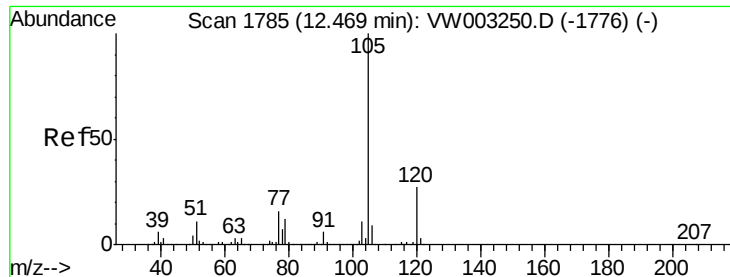
Tgt Ion:173 Resp: 85969
Ion Ratio Lower Upper
173 100
175 49.5 24.4 73.4
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:152 Resp: 245062
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 164.8 0.0 349.6





#73

Isopropylbenzene

Concen: 48.599 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

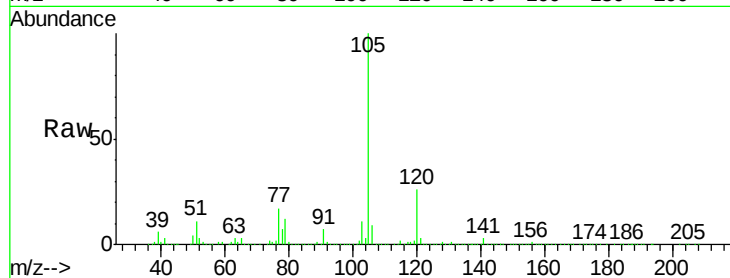
VSTDCCC050EC

Tgt Ion:105 Resp: 828375

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

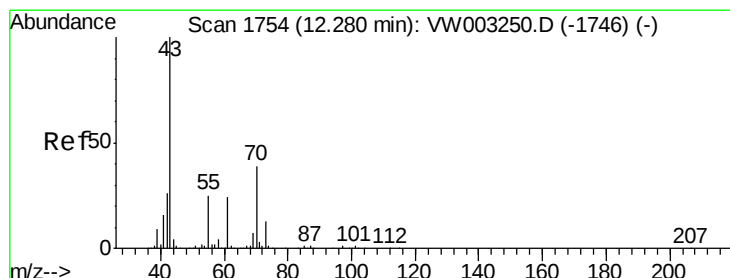
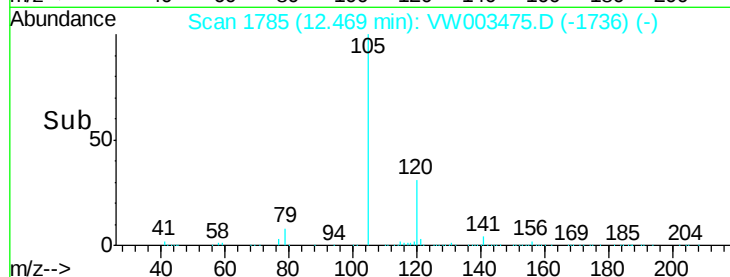
100000

0

12.47

12.40 12.50 12.60

Time-->



#74

N-ethyl acetate

Concen: 53.990 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Tgt Ion: 43 Resp: 209462

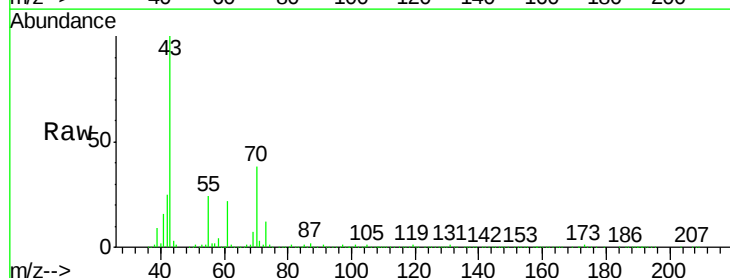
Ion Ratio Lower Upper

43 100

70 39.3 31.0 46.6

55 23.2 19.7 29.5

61 22.8 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

200000

150000

100000

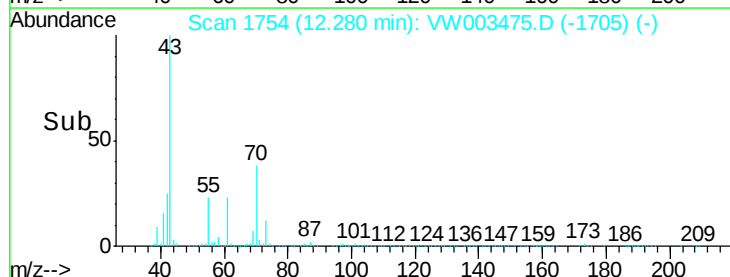
50000

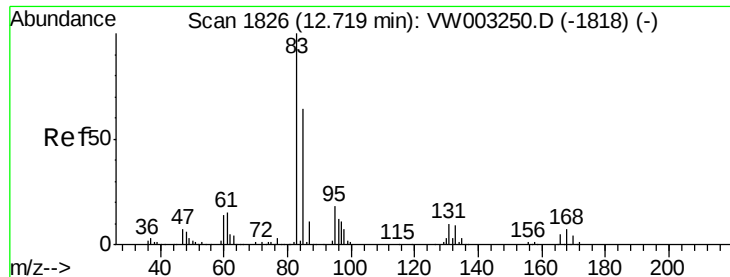
0

12.28

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 61.360 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

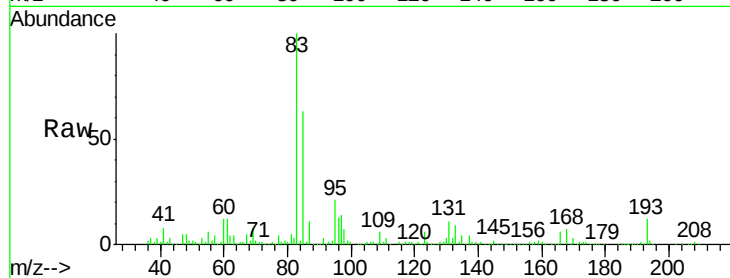
Tgt Ion: 83 Resp: 176942

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

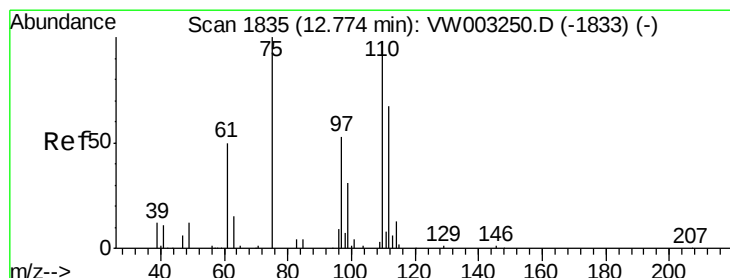
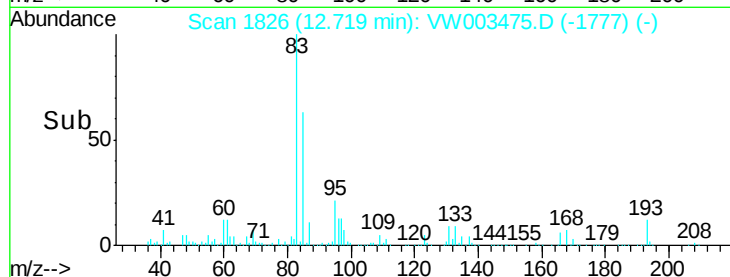
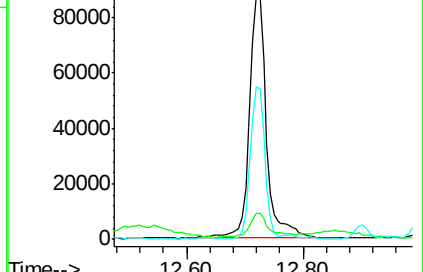
85 52.8 31.9 95.7



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: 92.199 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003475.D

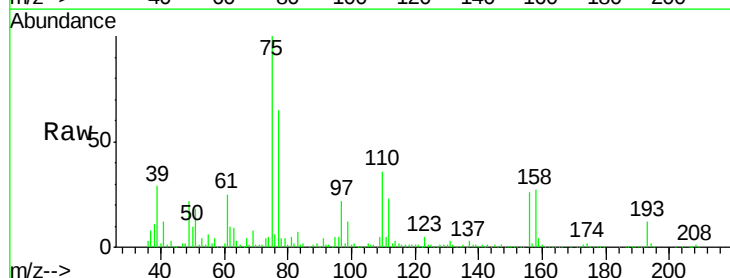
Acq: 23 Jun 2018 21:37

Tgt Ion: 75 Resp: 193156

Ion Ratio Lower Upper

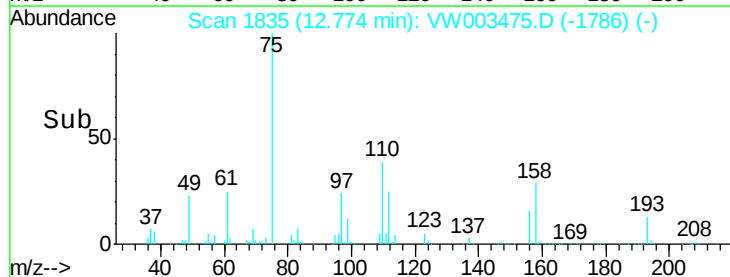
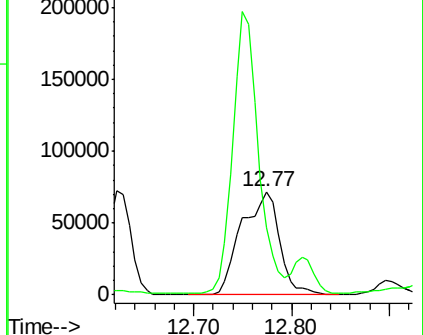
75 100

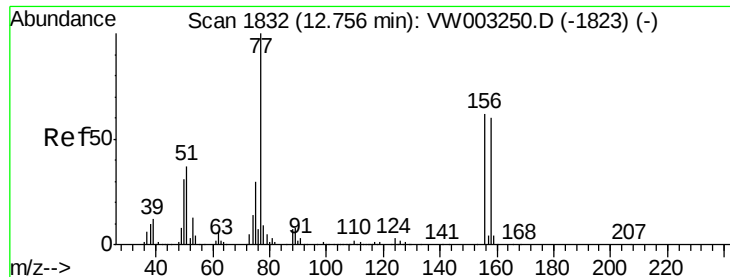
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.405 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

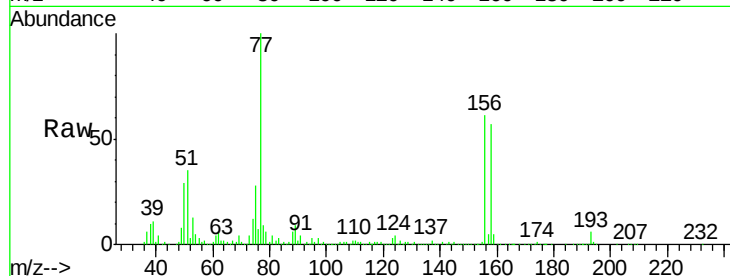
Tgt Ion: 156 Resp: 188180

Ion Ratio Lower Upper

156 100

77 189.3 92.3 276.9

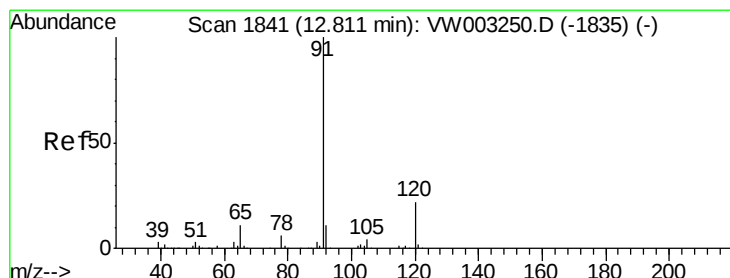
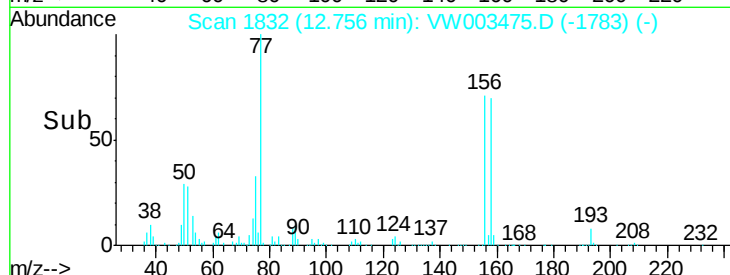
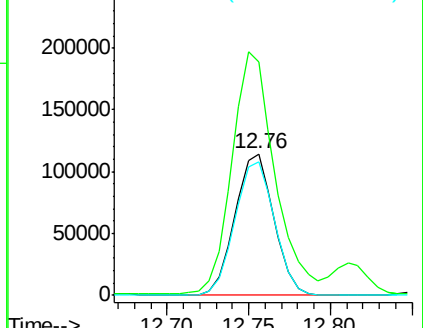
158 97.4 47.5 142.6



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: 46.762 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003475.D

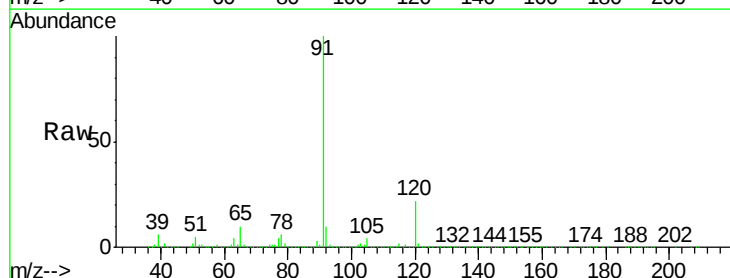
Acq: 23 Jun 2018 21:37

Tgt Ion: 91 Resp: 975997

Ion Ratio Lower Upper

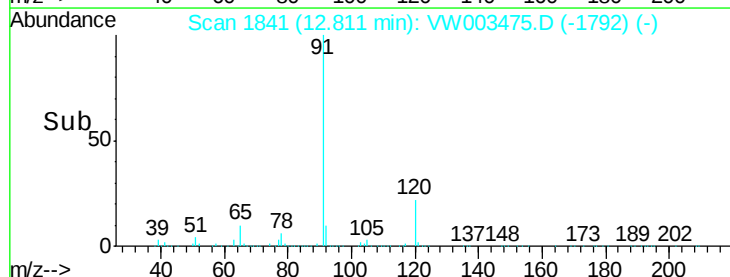
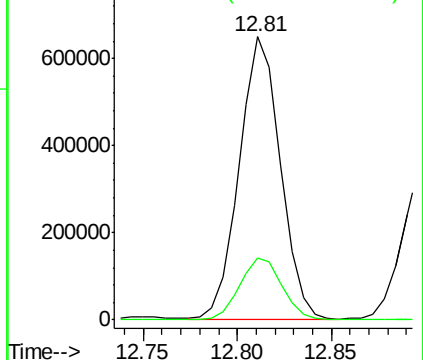
91 100

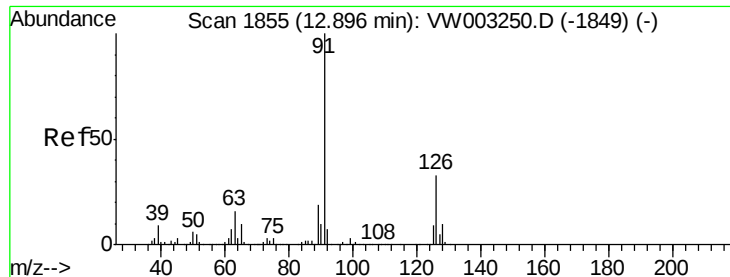
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.574 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

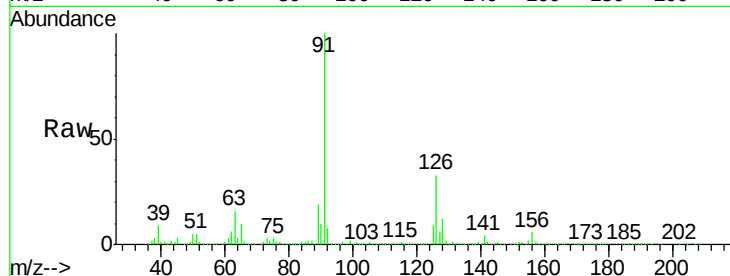
VSTDCCC050EC

Tgt Ion: 91 Resp: 561128

Ion Ratio Lower Upper

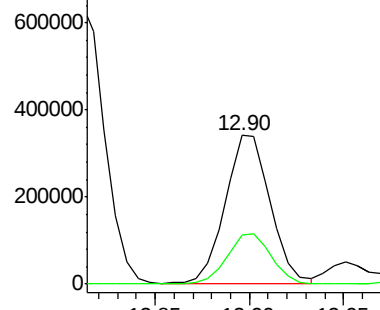
91 100

126 34.0 16.8 50.4

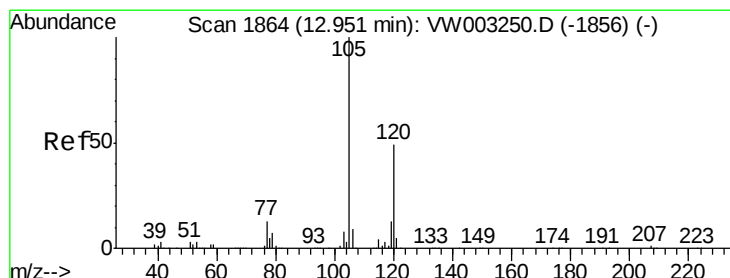
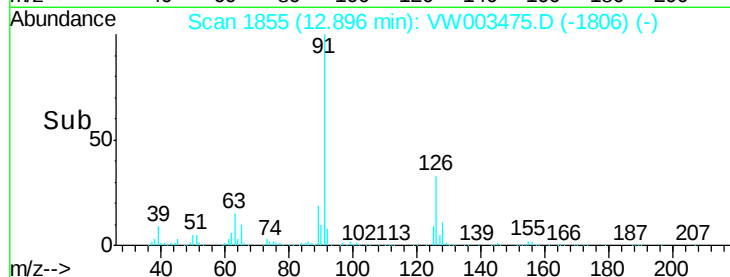


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.358 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003475.D

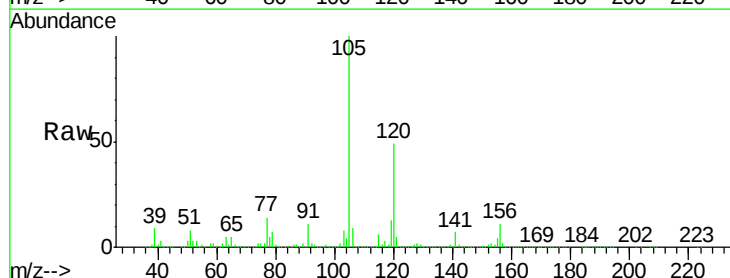
Acq: 23 Jun 2018 21:37

Tgt Ion: 105 Resp: 677558

Ion Ratio Lower Upper

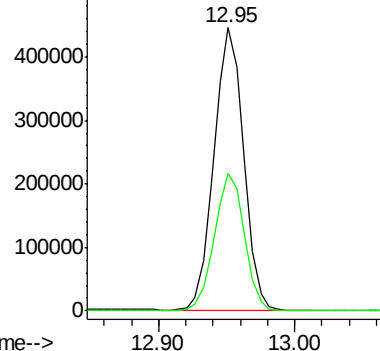
105 100

120 48.9 24.3 72.9

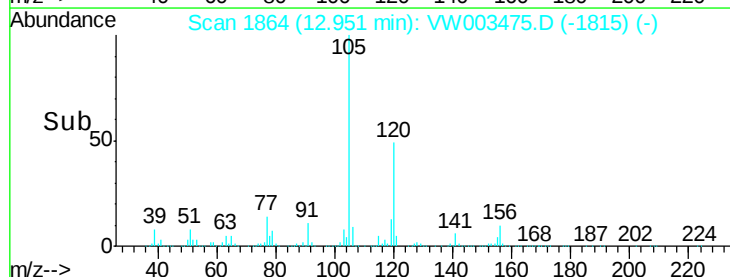


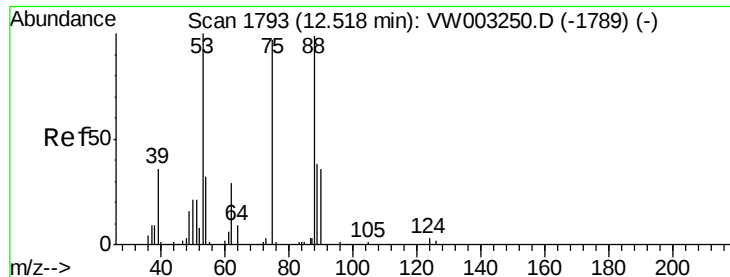
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.439 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

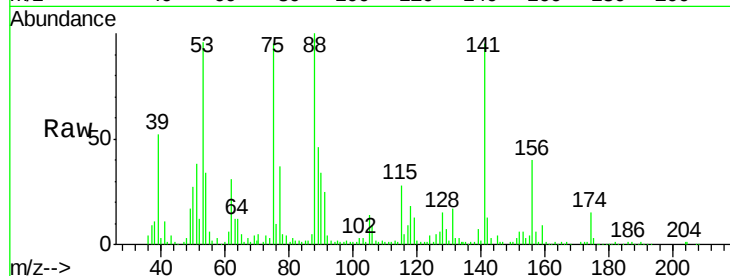
Tgt Ion: 75 Resp: 45012

Ion Ratio Lower Upper

75 100

53 102.7 82.9 124.3

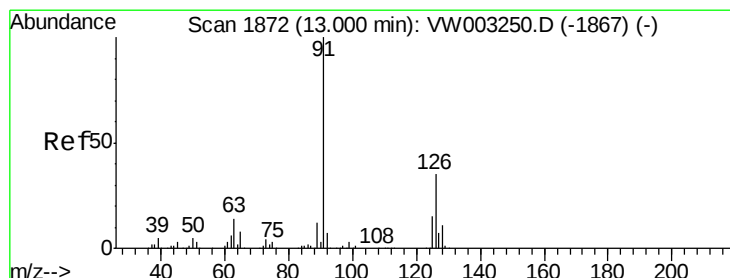
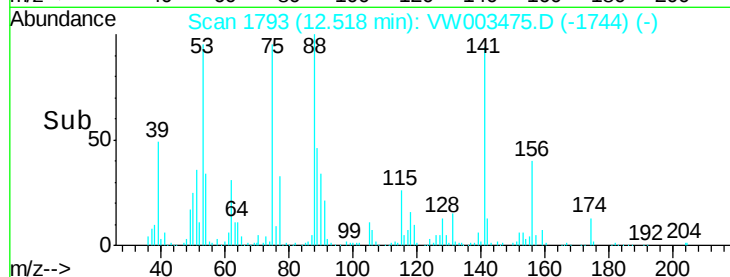
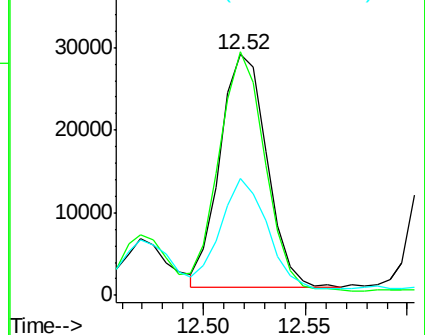
89 48.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 46.447 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003475.D

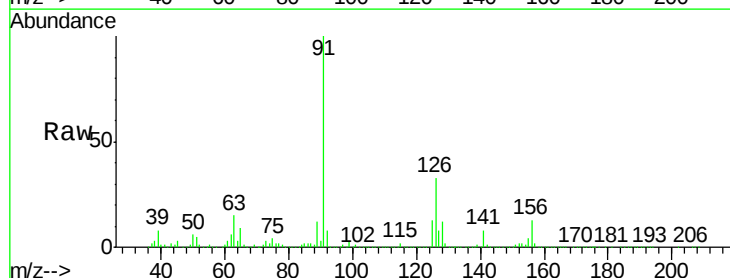
Acq: 23 Jun 2018 21:37

Tgt Ion: 91 Resp: 581161

Ion Ratio Lower Upper

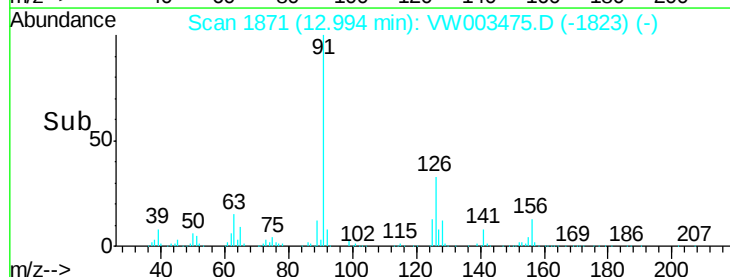
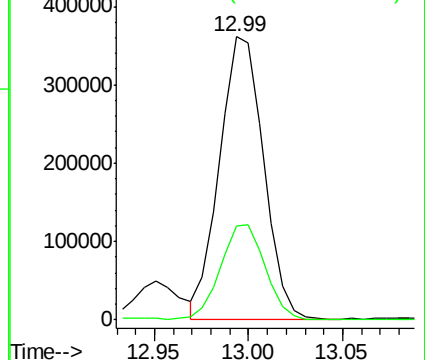
91 100

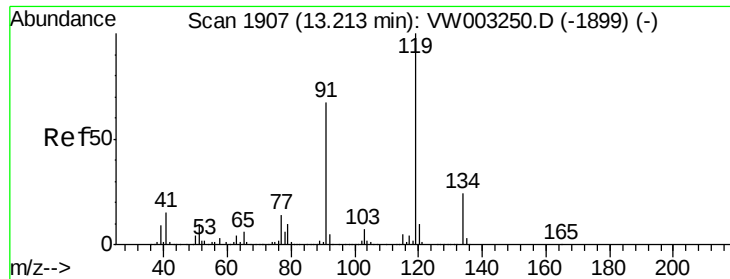
126 34.3 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

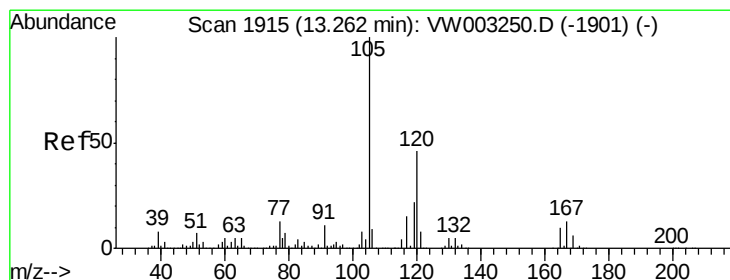
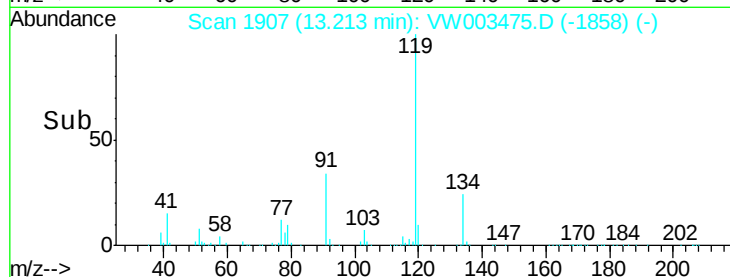
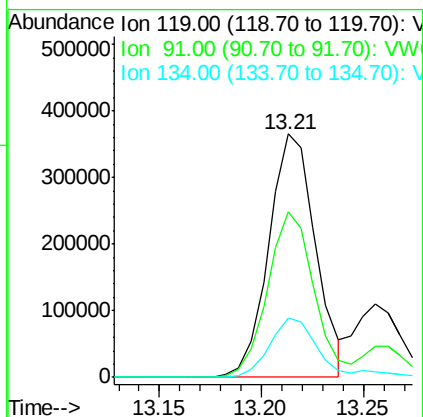
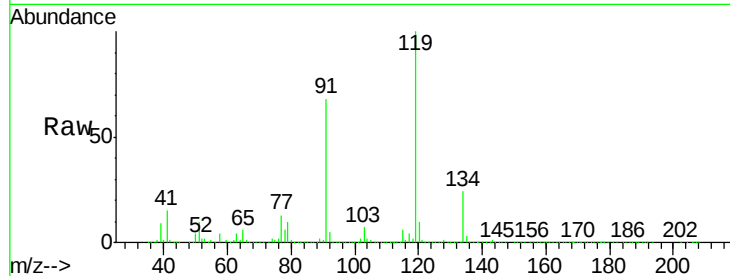




#83
 tert-Butylbenzene
 Concen: 47.655 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

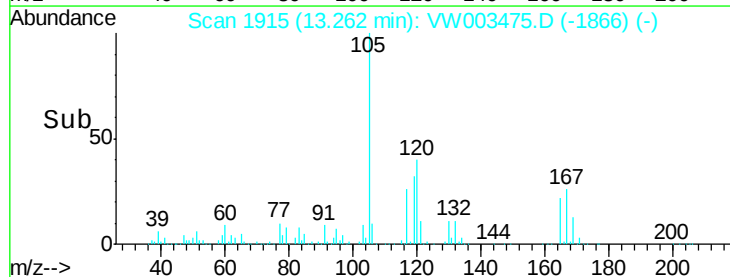
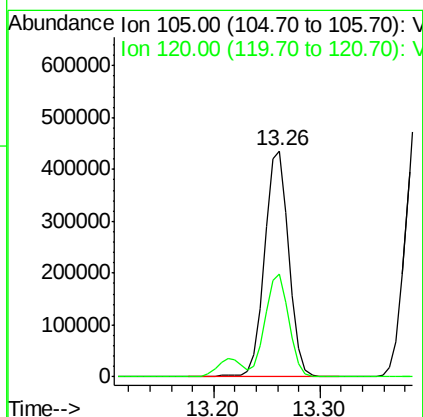
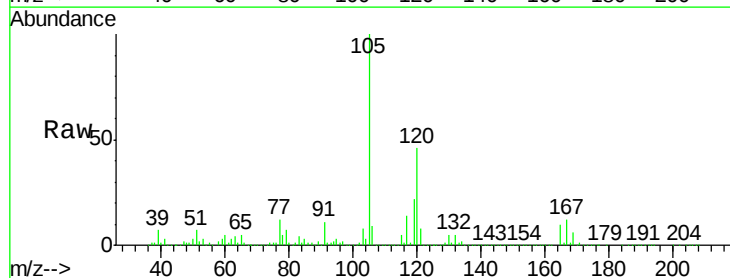
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

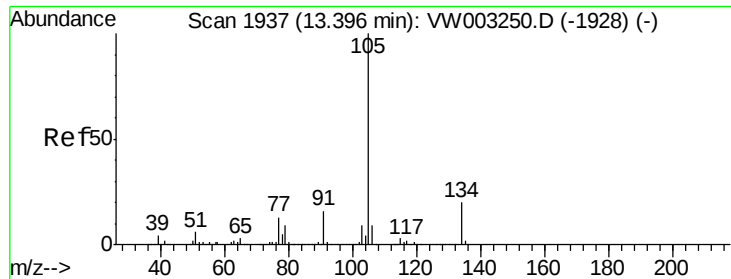
Tgt Ion:119 Resp: 581057
 Ion Ratio Lower Upper
 119 100
 91 67.3 33.9 101.7
 134 26.3 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.813 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion:105 Resp: 688967
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.5 67.5

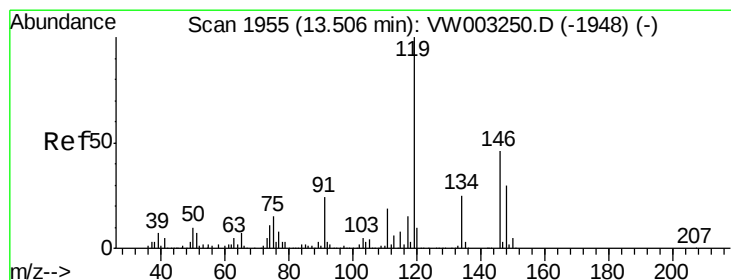
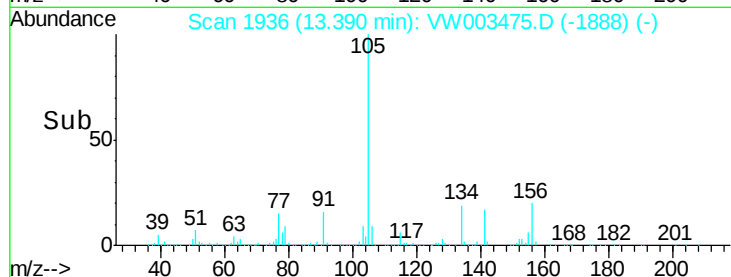
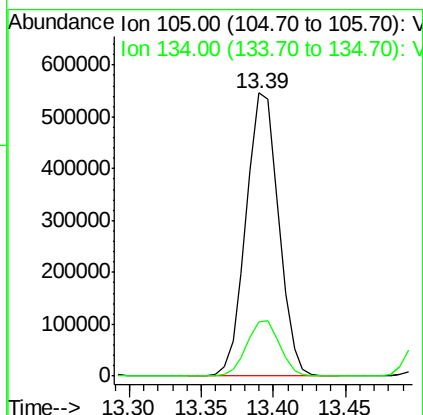
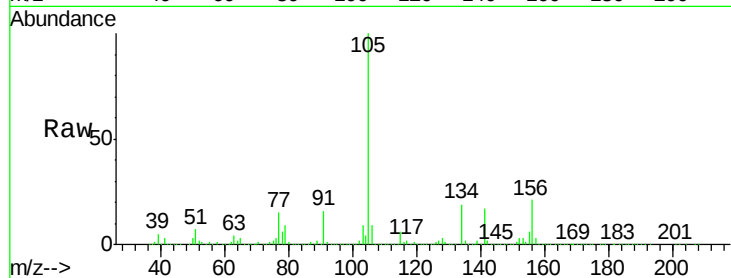




#85
 sec-Butylbenzene
 Concen: 46.996 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

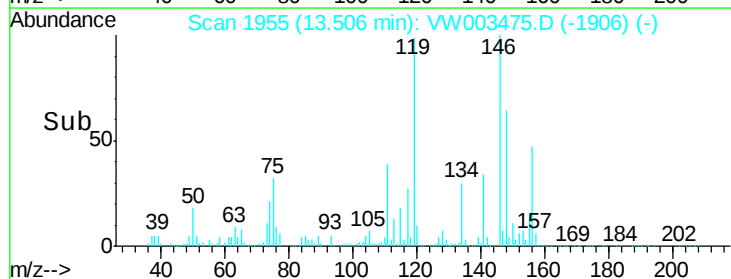
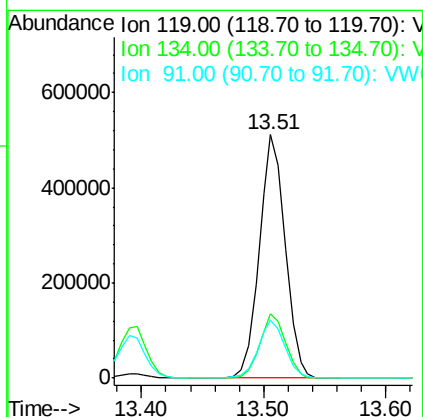
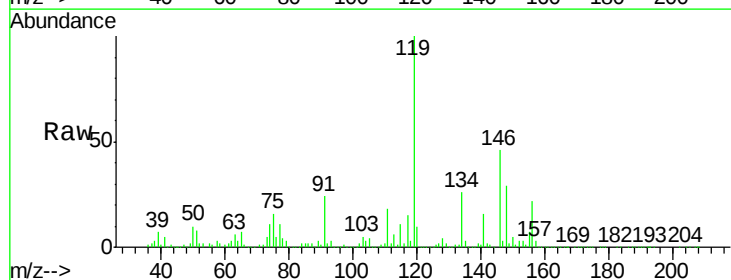
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

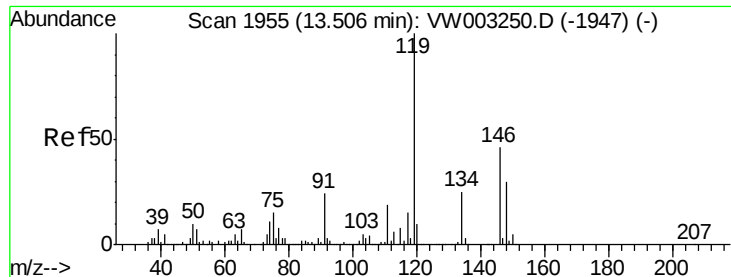
Tgt Ion:105 Resp: 851734
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 46.982 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion:119 Resp: 751001
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 24.5 11.8 35.3

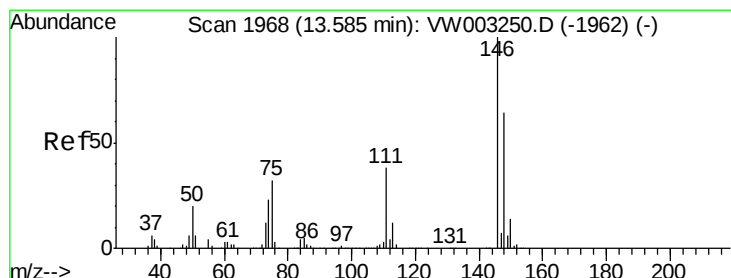
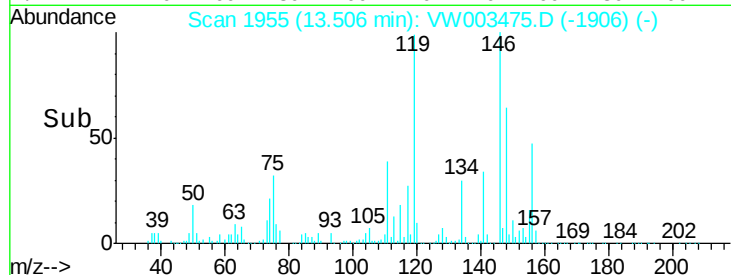
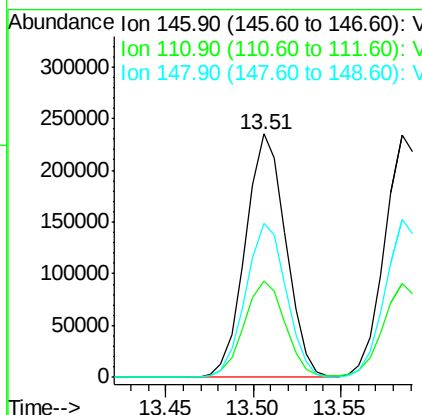
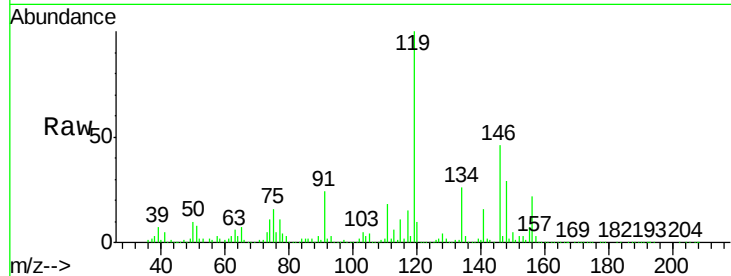




#87
 1,3-Dichlorobenzene
 Concen: 46.216 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

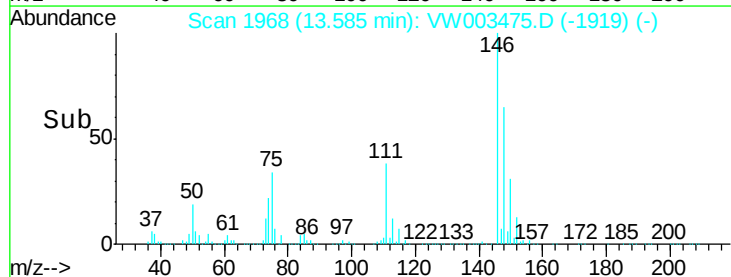
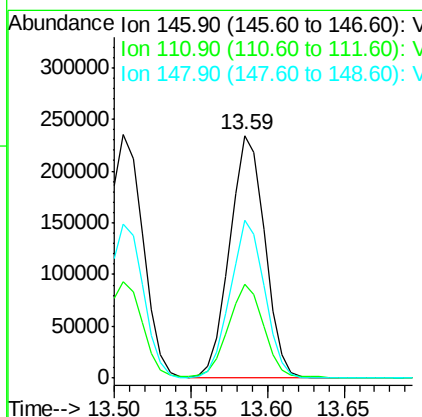
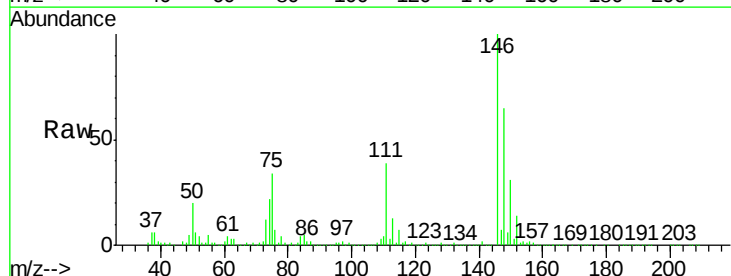
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

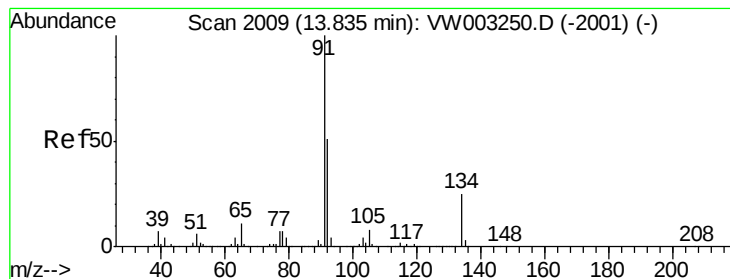
Tgt Ion:146 Resp: 376883
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.8 59.4
 148 63.6 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 45.955 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion:146 Resp: 372557
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.2 57.6
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 46.556 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003475.D

Acq: 23 Jun 2018 21:37

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

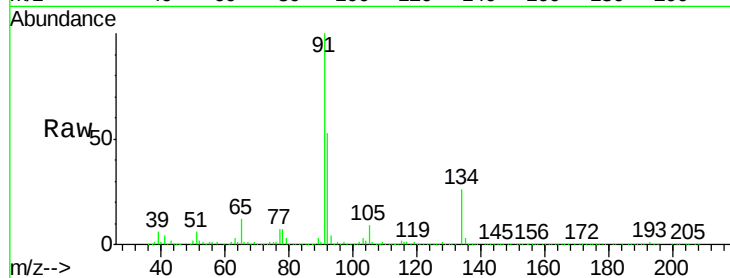
Tgt Ion: 91 Resp: 725410

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

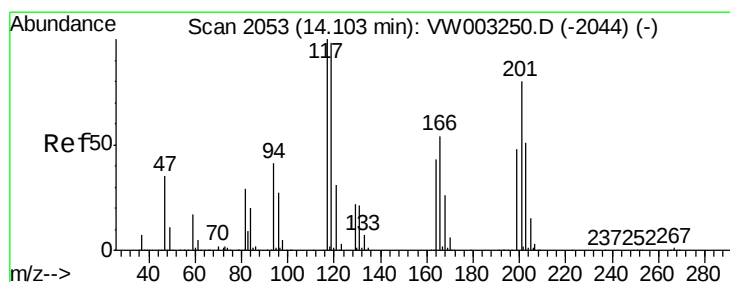
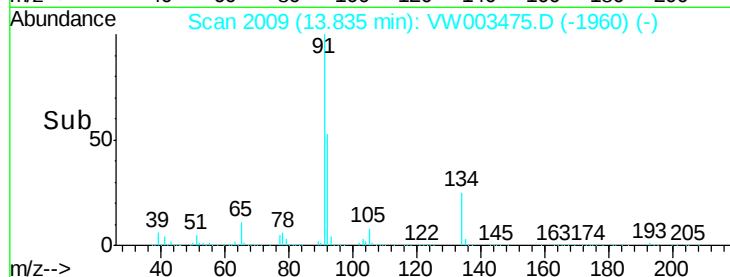
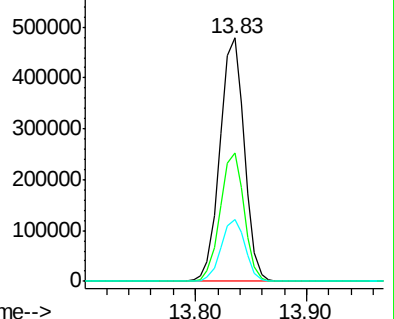
134 25.4 12.7 38.0



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): VW



#90

Hexachloroethane

Concen: 46.517 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003475.D

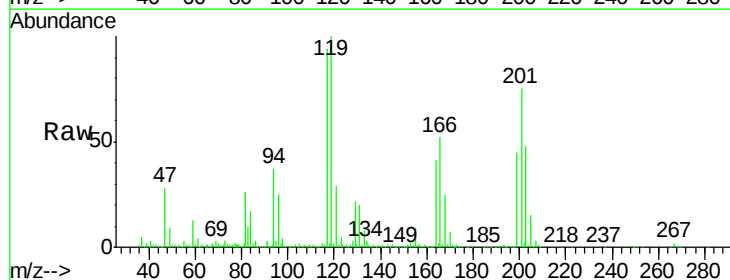
Acq: 23 Jun 2018 21:37

Tgt Ion: 117 Resp: 134509

Ion Ratio Lower Upper

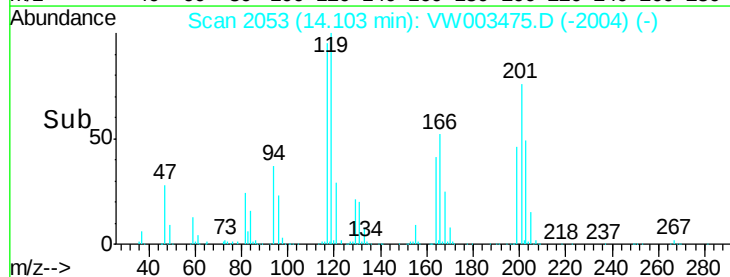
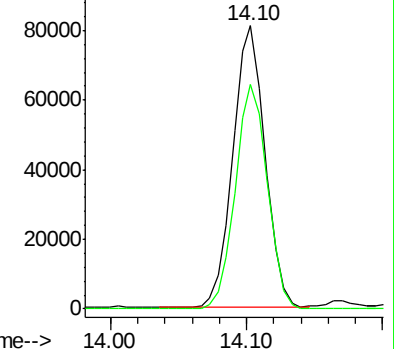
117 100

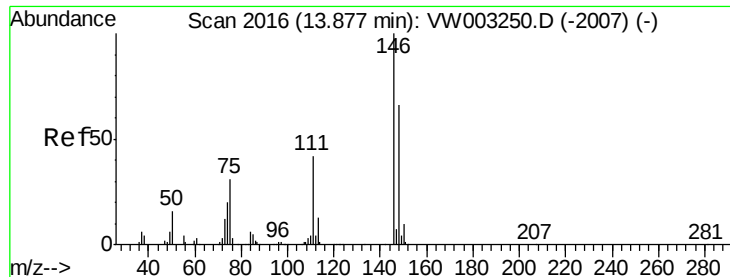
201 79.4 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

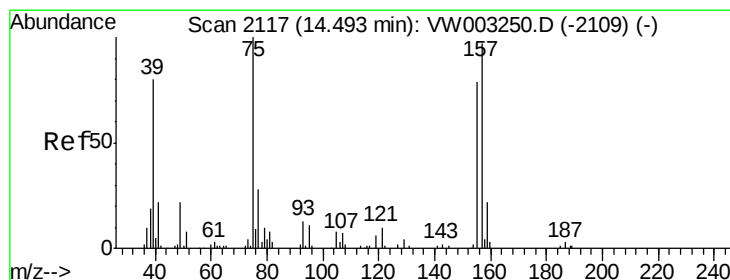
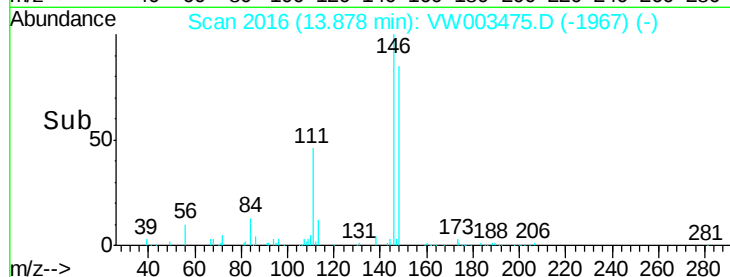
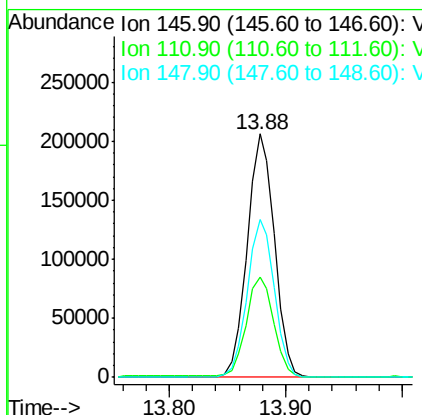
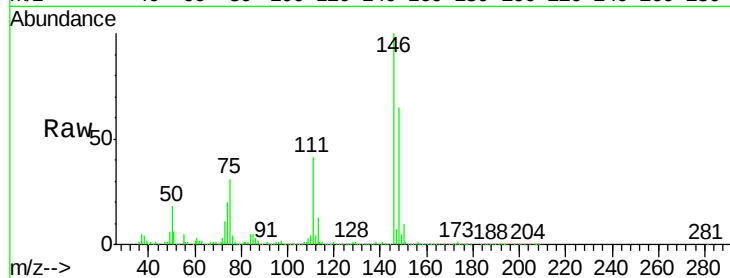




#91
 1,2-Dichlorobenzene
 Concen: 46.954 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

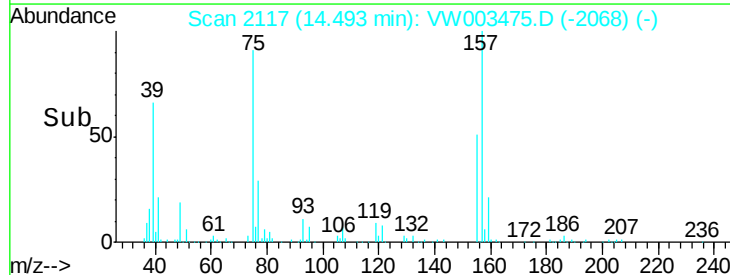
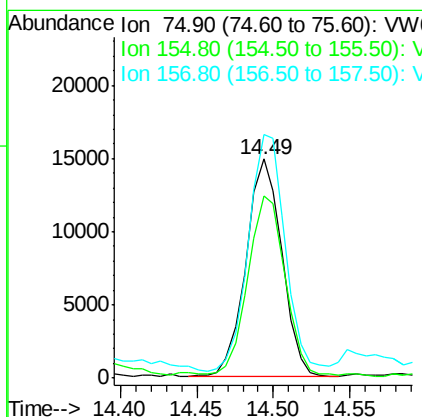
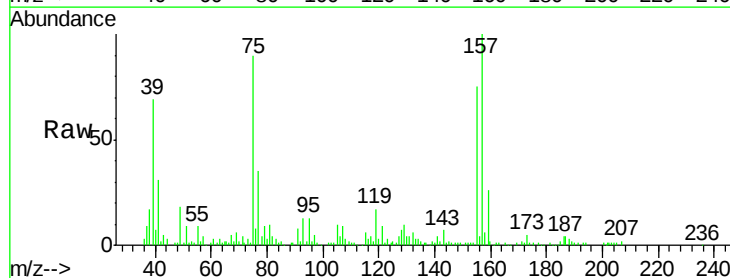
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

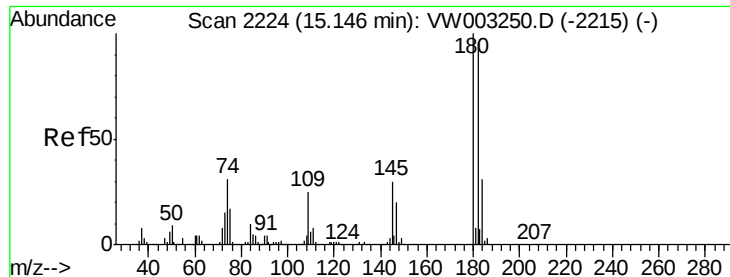
Tgt Ion: 146 Resp: 335408
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 64.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.118 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion: 75 Resp: 24321
 Ion Ratio Lower Upper
 75 100
 155 84.3 39.4 118.2
 157 111.8 51.5 154.5

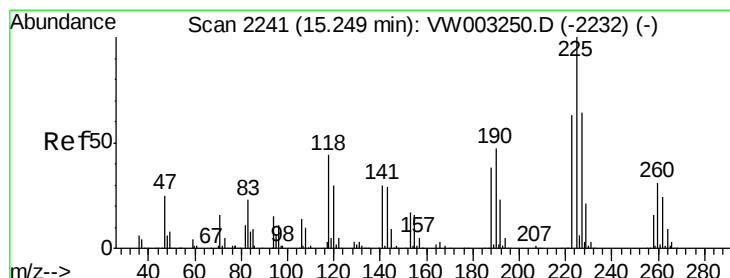
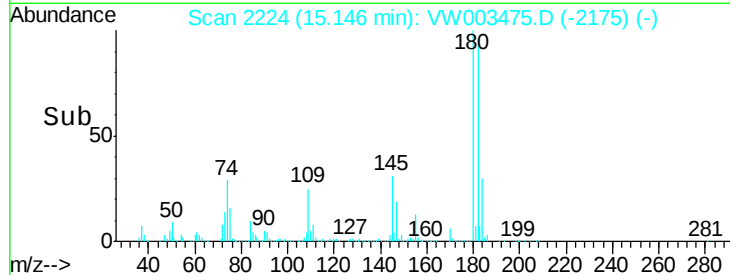
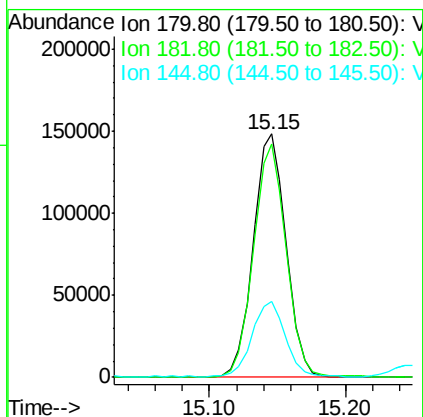
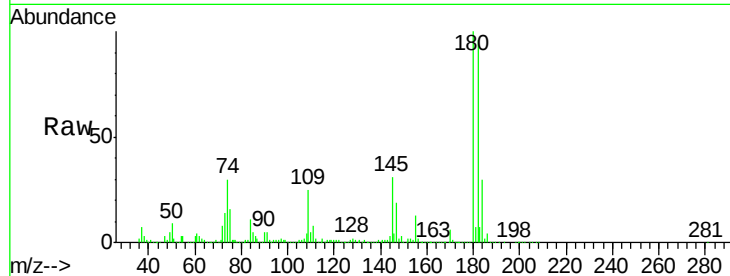




#93
 1,2,4-Trichlorobenzene
 Concen: 49.834 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

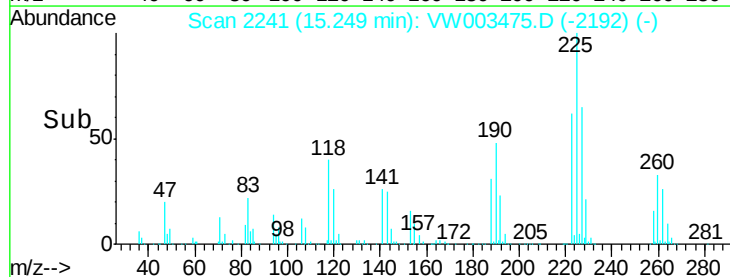
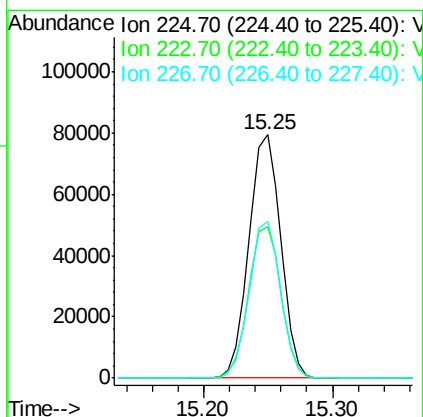
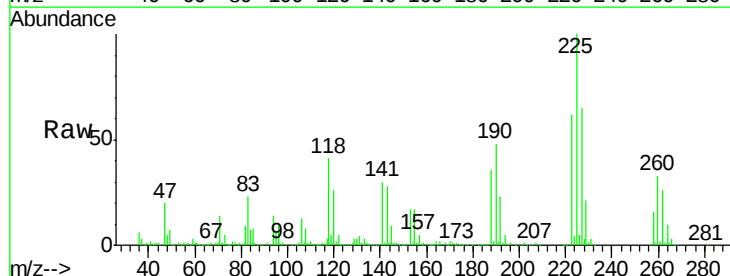
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

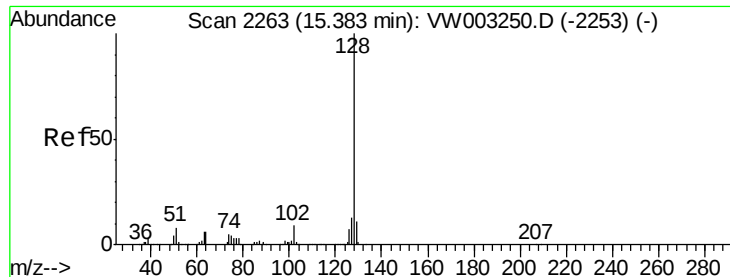
Tgt Ion:180 Resp: 249903
 Ion Ratio Lower Upper
 180 100
 182 96.6 47.9 143.6
 145 31.3 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 44.951 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003475.D
 Acq: 23 Jun 2018 21:37

Tgt Ion:225 Resp: 135593
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.6 92.0
 227 63.8 31.7 95.1

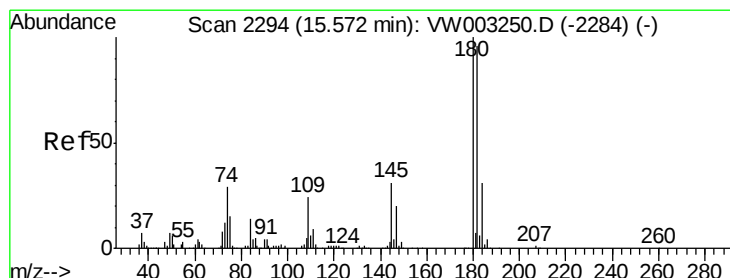
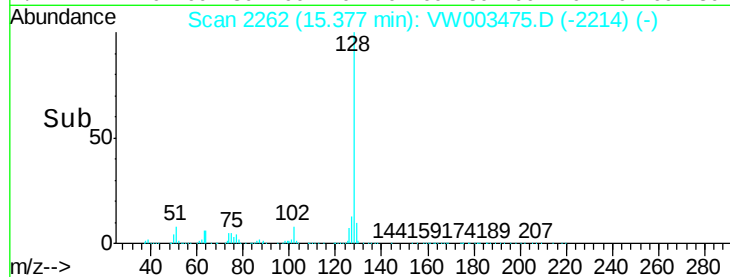
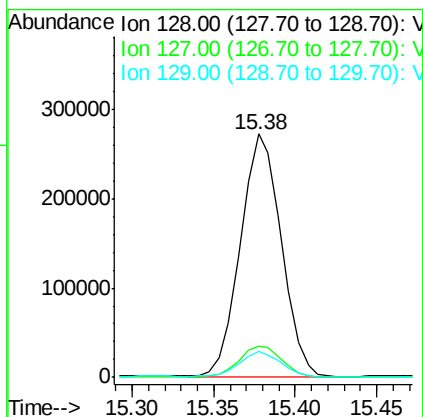
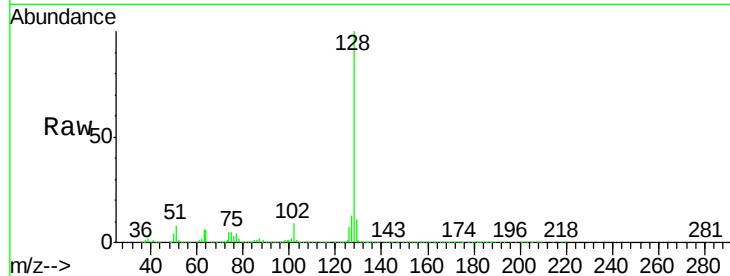




#95
Naphthalene
Concen: 55.610 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 473045
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.499 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003475.D
Acq: 23 Jun 2018 21:37

Tgt Ion:180 Resp: 218488
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 33.2 15.8 47.4

