

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062418\
 Data File : VW003539.D
 Acq On : 25 Jun 2018 05:43
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 25 06:45:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	355016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174742	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130651	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
35) Dibromofluoromethane	7.89	113	113907	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	10.33	98	450408	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.63	95	163846	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	39230	59.622	ug/l	90
3) Chloromethane	2.21	50	83565	50.266	ug/l	95
4) Vinyl Chloride	2.36	62	117159	48.343	ug/l	97
5) Bromomethane	2.78	94	73640	45.717	ug/l	99
6) Chloroethane	2.92	64	76318	45.240	ug/l	95
7) Trichlorofluoromethane	3.25	101	67401	46.423	ug/l	95
8) Diethyl Ether	3.68	74	56115	52.613	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	99324	49.266	ug/l	100
10) Methyl Iodide	4.26	142	158648	52.033	ug/l	99
11) Tert butyl alcohol	5.23	59	38164	301.864	ug/l #	96
12) 1,1-Dichloroethene	4.03	96	99568	50.538	ug/l	97
13) Acrolein	3.90	56	47302	261.687	ug/l	95
14) Allyl chloride	4.67	41	182570	53.497	ug/l	98
15) Acrylonitrile	5.38	53	129851	295.913	ug/l	99
16) Acetone	4.15	43	110977	224.463	ug/l	99
17) Carbon Disulfide	4.37	76	283157	48.614	ug/l	99
18) Methyl Acetate	4.68	43	72564	61.868	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	213668	57.904	ug/l	100
20) Methylene Chloride	4.91	84	113703	54.466	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	111136	51.832	ug/l	98
22) Diisopropyl ether	6.32	45	397921	57.936	ug/l	99
23) Vinyl Acetate	6.26	43	1119118	282.751	ug/l	99
24) 1,1-Dichloroethane	6.21	63	223455	54.803	ug/l	97
25) 2-Butanone	7.18	43	170700	277.657	ug/l	100
26) 2,2-Dichloropropane	7.17	77	114376	42.031	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131601	55.871	ug/l	99
28) Bromochloromethane	7.51	49	101993	60.111	ug/l	97
29) Tetrahydrofuran	7.54	42	113556	302.223	ug/l	98
30) Chloroform	7.68	83	228080	54.906	ug/l	99
31) Cyclohexane	7.96	56	182422	47.889	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	179338	52.303	ug/l	99
36) 1,1-Dichloropropene	8.09	75	170463	49.719	ug/l	99
37) Ethyl Acetate	7.26	43	77676	54.688	ug/l	99
38) Carbon Tetrachloride	8.07	117	163761	48.694	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	192256	48.463	ug/l	96
40) Benzene	8.32	78	490208	51.871	ug/l	99
41) Methacrylonitrile	7.49	41	50092	57.471	ug/l	99
42) 1,2-Dichloroethane	8.40	62	158480	53.524	ug/l	99
43) Isopropyl Acetate	8.43	43	156850	55.615	ug/l	99
44) Trichloroethene	9.09	130	147981	59.094	ug/l	97
45) 1,2-Dichloropropane	9.37	63	127427	52.957	ug/l	100
46) Dibromomethane	9.46	93	65776	53.392	ug/l	97
47) Bromodichloromethane	9.65	83	167359	52.998	ug/l	98
48) Methyl methacrylate	9.44	41	78124	58.943	ug/l	97
49) 1,4-Dioxane	9.49	88	21009	1129.460	ug/l	90
51) 4-Methyl-2-Pentanone	10.22	43	420901	292.883	ug/l	99
52) Toluene	10.39	92	315068	51.989	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	163676	50.741	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	186581	50.820	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	93211	53.694	ug/l	99
56) Ethyl methacrylate	10.65	69	121950	57.850	ug/l	98
57) 1,3-Dichloropropane	10.94	76	163732	54.686	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	277346	293.489	ug/l	98
59) 2-Hexanone	10.98	43	287722	286.593	ug/l	100
60) Dibromochloromethane	11.13	129	111978	54.241	ug/l	97
61) 1,2-Dibromoethane	11.24	107	88981	54.188	ug/l	100
64) Tetrachloroethene	10.87	164	117503	52.995	ug/l	99
65) Chlorobenzene	11.66	112	345603	50.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	123360	50.851	ug/l	100
67) Ethyl Benzene	11.74	91	622212	50.848	ug/l	99
68) m/p-Xylenes	11.85	106	468196	100.652	ug/l	100
69) o-Xylene	12.17	106	223560	51.858	ug/l	99
70) Styrene	12.19	104	378337	52.725	ug/l	100
71) Bromoform	12.35	173	65911	52.424	ug/l #	100
73) Isopropylbenzene	12.47	105	617466	50.803	ug/l	99
74) N-amyl acetate	12.28	43	157069	56.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	113510	55.204	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	148492	99.403	ug/l #	100
77) Bromobenzene	12.76	156	143532	50.708	ug/l	95
78) n-propylbenzene	12.81	91	752478	50.562	ug/l	100
79) 2-Chlorotoluene	12.90	91	432712	51.450	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	522997	51.265	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31869	49.090	ug/l	99
82) 4-Chlorotoluene	12.99	91	452678	50.738	ug/l	100
83) tert-Butylbenzene	13.21	119	447190	51.435	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	539996	51.457	ug/l	99
85) sec-Butylbenzene	13.39	105	652391	50.483	ug/l	100
86) p-Isopropyltoluene	13.51	119	571286	50.121	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	288110	49.548	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	284333	49.186	ug/l	99
89) n-Butylbenzene	13.83	91	544183	48.980	ug/l	99
90) Hexachloroethane	14.10	117	104520	50.692	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	260025	51.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19112	55.232	ug/l	99

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Response via : Initial Calibration

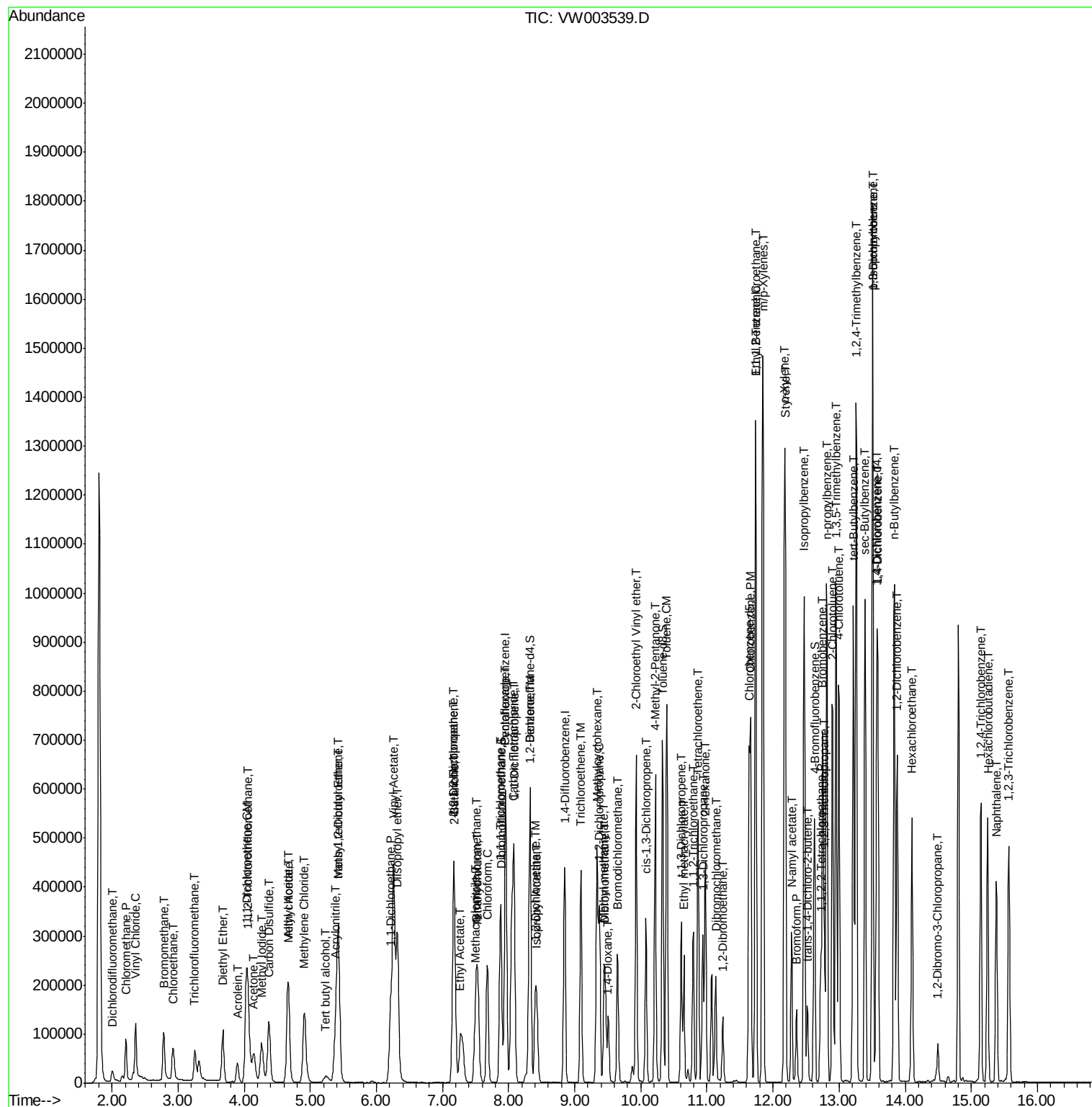
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	178693	49.974	ug/l	99
94) Hexachlorobutadiene	15.25	225	103957	48.332	ug/l	98
95) Naphthalene	15.38	128	341263	56.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	160416	50.967	ug/l	99

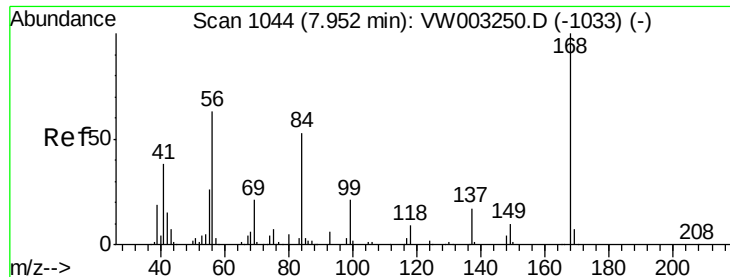
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

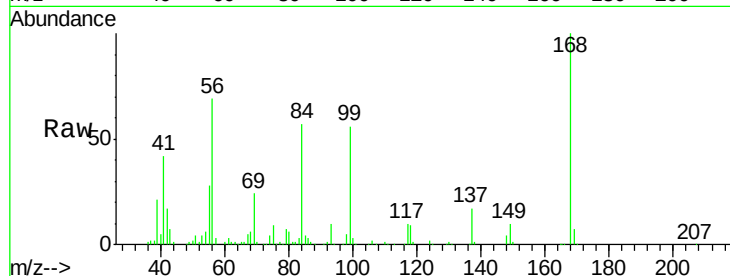
VSTDCCC050EC

Tgt Ion:168 Resp: 217639

Ion Ratio Lower Upper

168 100

99 55.8 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

100000

80000

60000

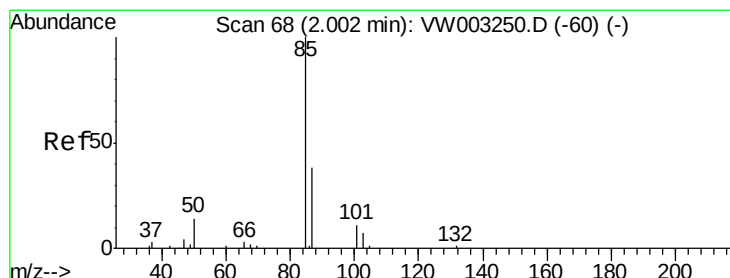
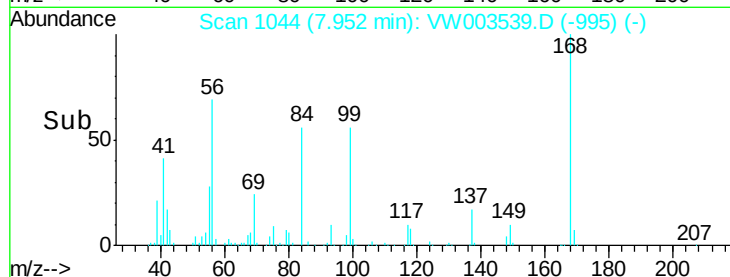
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 59.622 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003539.D

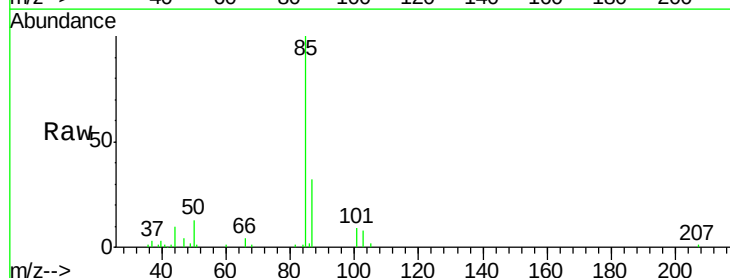
Acq: 25 Jun 2018 05:43

Tgt Ion: 85 Resp: 39230

Ion Ratio Lower Upper

85 100

87 31.6 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

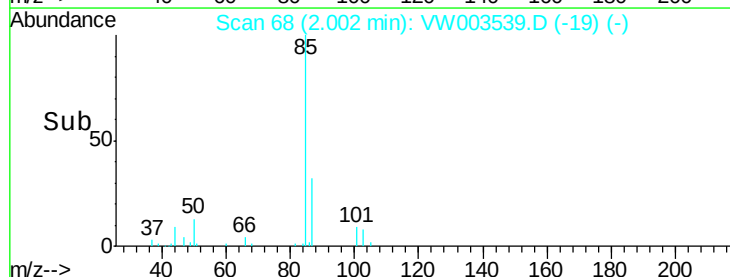
10000

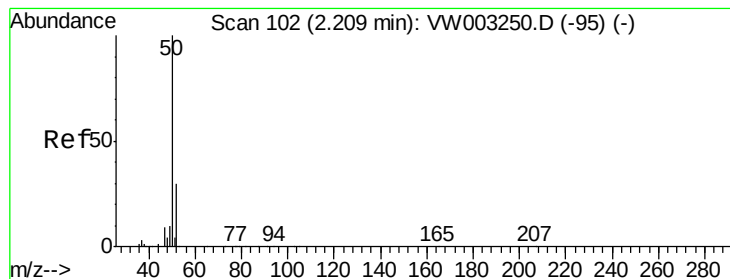
5000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 50.266 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

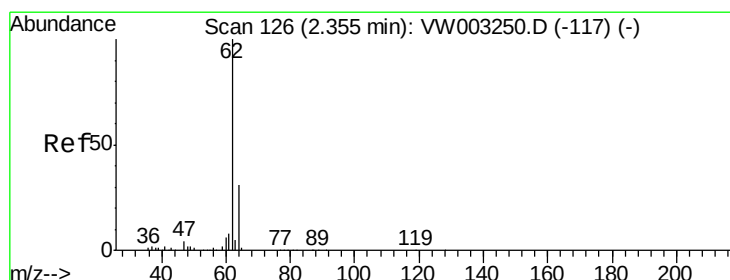
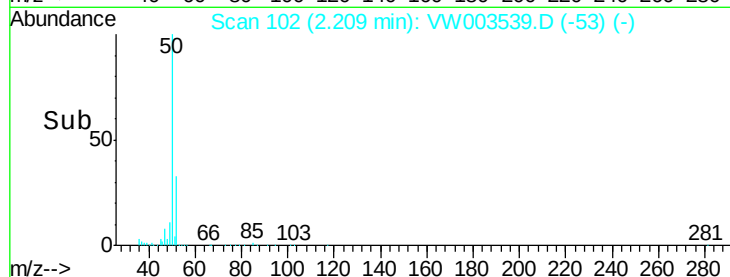
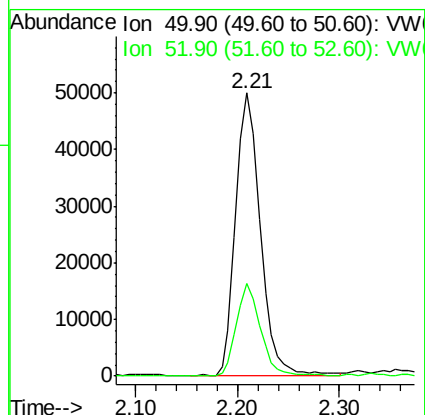
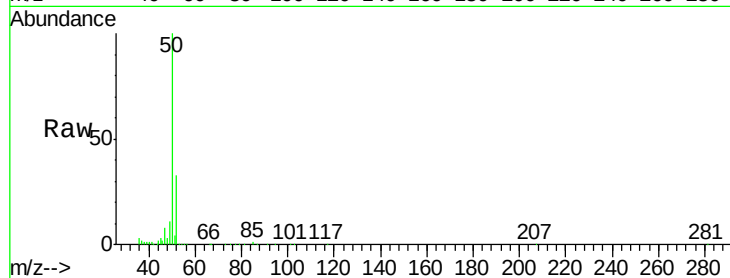
VSTDCCC050EC

Tgt Ion: 50 Resp: 83565

Ion Ratio Lower Upper

50 100

52 32.7 24.2 36.2



#4

Vinyl Chloride

Concen: 48.343 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003539.D

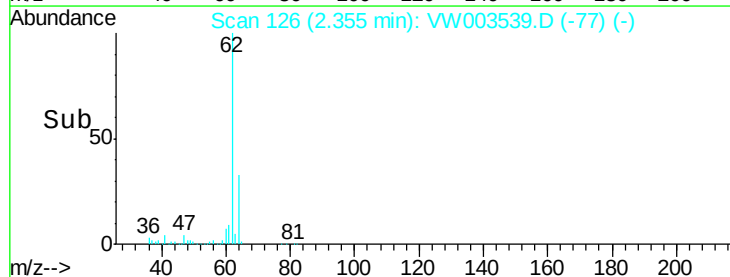
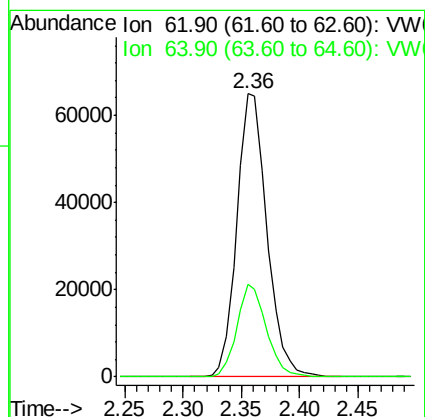
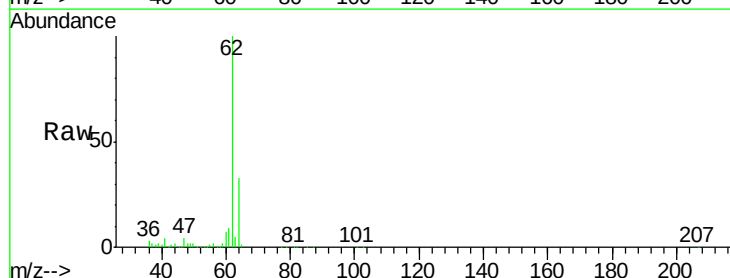
Acq: 25 Jun 2018 05:43

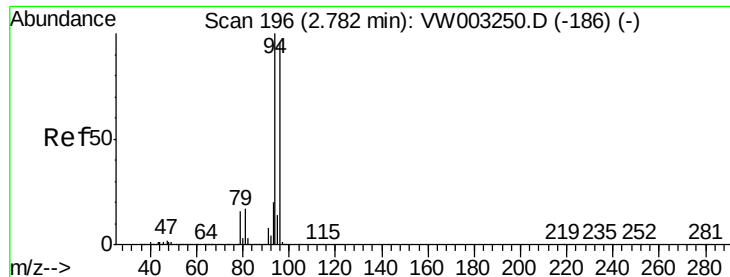
Tgt Ion: 62 Resp: 117159

Ion Ratio Lower Upper

62 100

64 32.6 24.9 37.3





#5

Bromomethane

Concen: 45.717 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

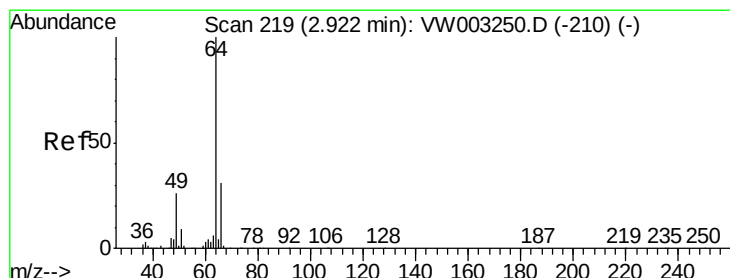
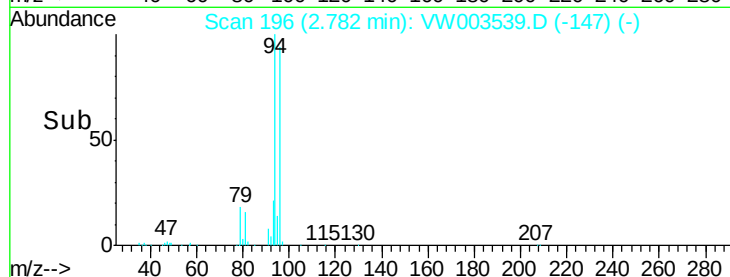
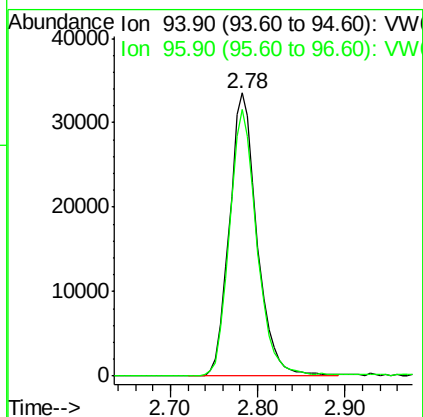
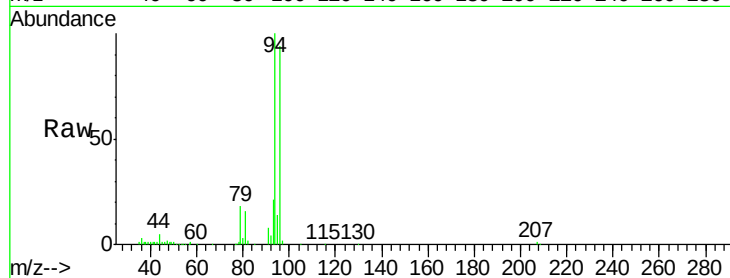
VSTDCCC050EC

Tgt Ion: 94 Resp: 73640

Ion Ratio Lower Upper

94 100

96 94.4 76.5 114.7



#6

Chloroethane

Concen: 45.240 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003539.D

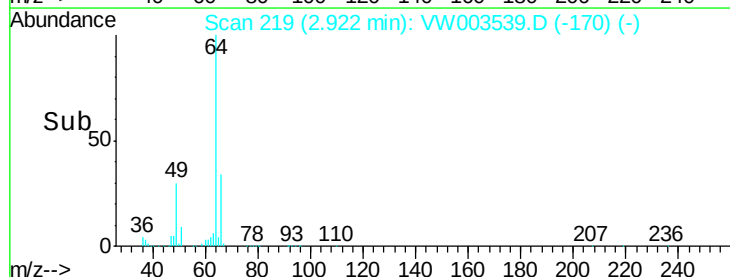
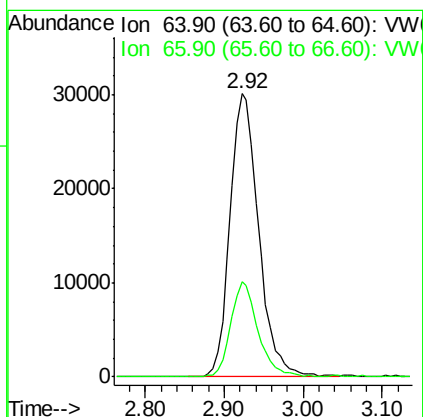
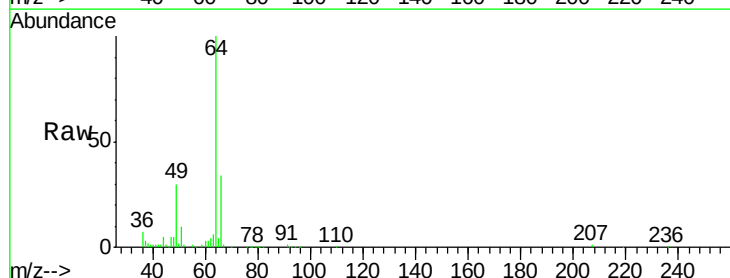
Acq: 25 Jun 2018 05:43

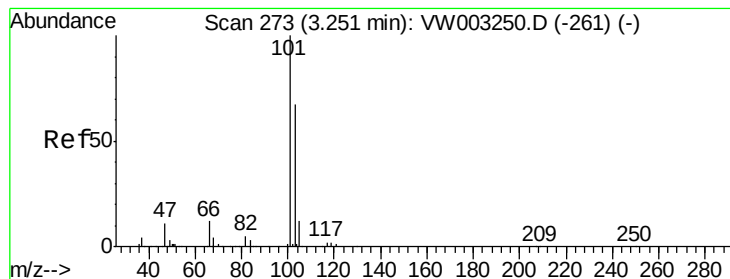
Tgt Ion: 64 Resp: 76318

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6



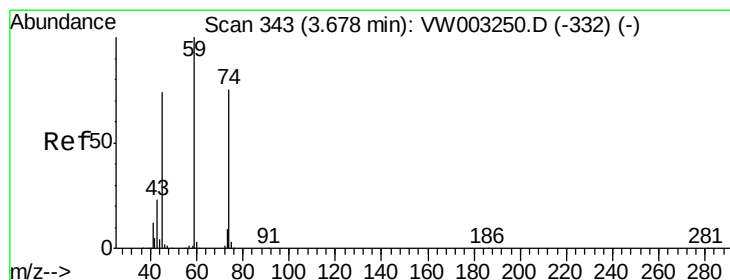
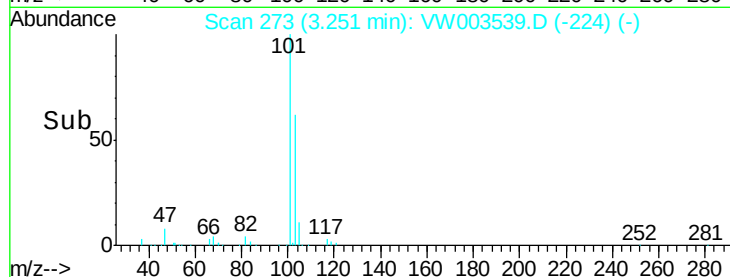
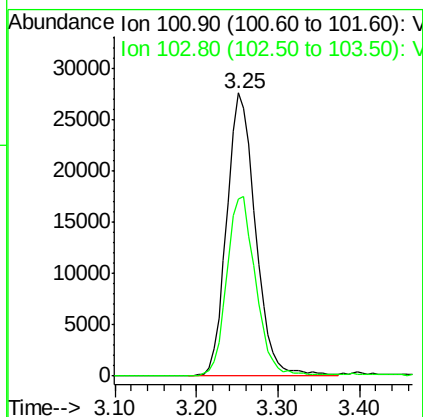
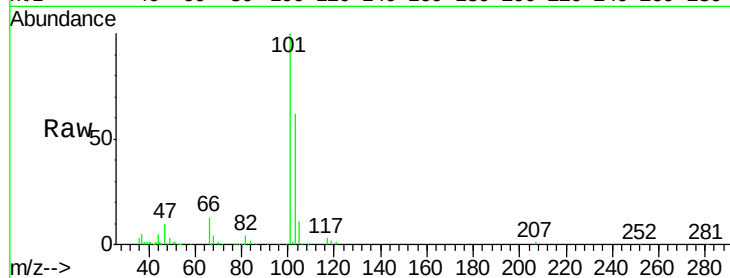


#7

Trichlorofluoromethane
 Concen: 46.423 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

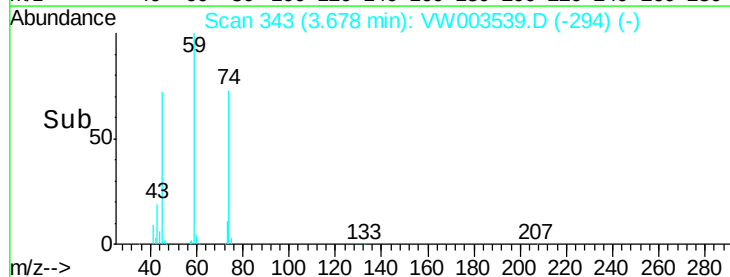
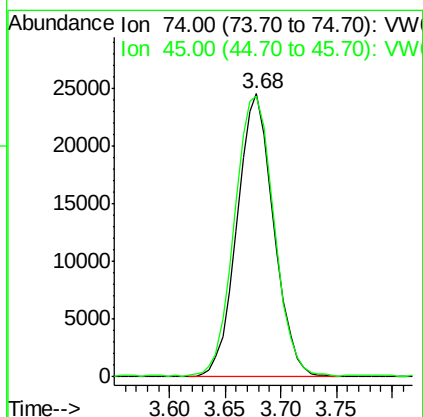
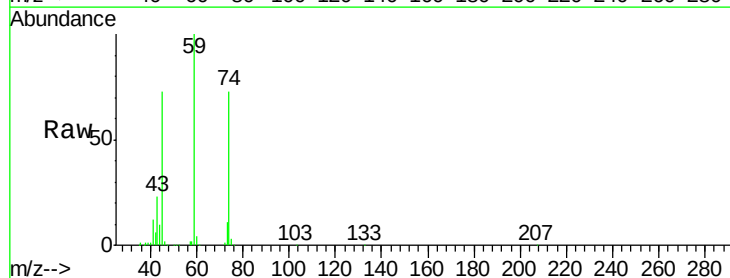
Tgt Ion: 101 Resp: 67401
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.4 80.0

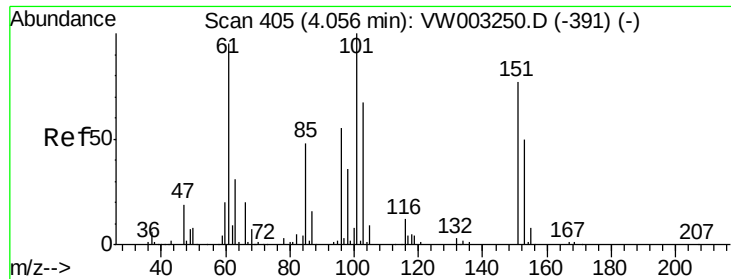


#8

Diethyl Ether
 Concen: 52.613 ug/l
 RT: 3.68 min Scan# 343
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 74 Resp: 56115
 Ion Ratio Lower Upper
 74 100
 45 106.3 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.266 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

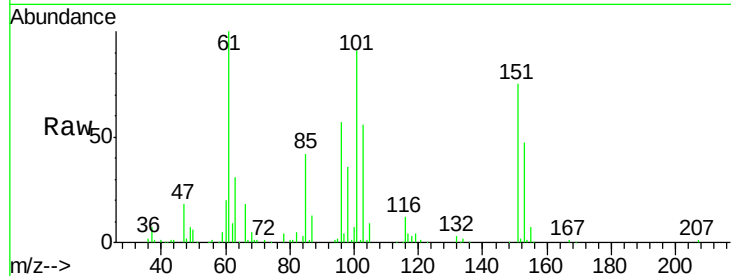
Tgt Ion:101 Resp: 99324

Ion Ratio Lower Upper

101 100

85 46.0 37.0 55.6

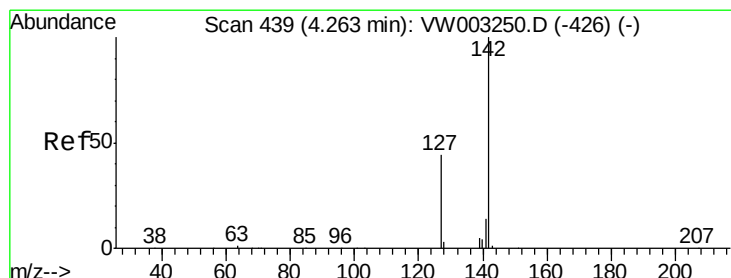
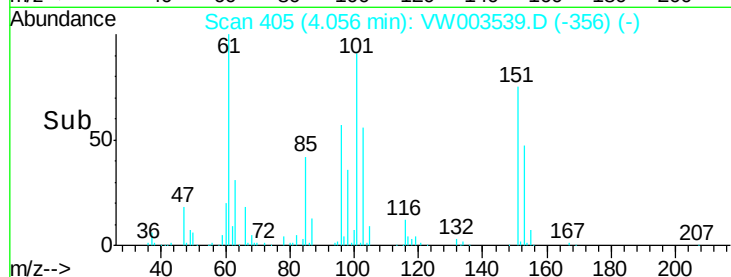
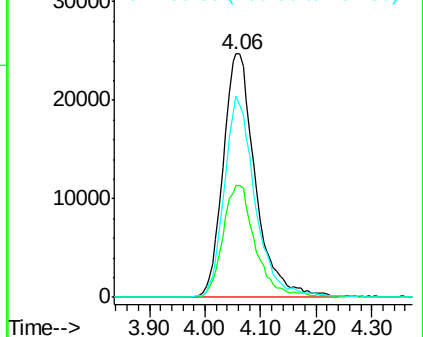
151 78.8 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.033 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

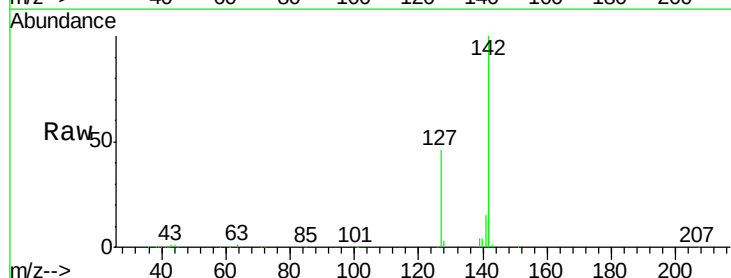
Tgt Ion:142 Resp: 158648

Ion Ratio Lower Upper

142 100

127 45.2 36.5 54.7

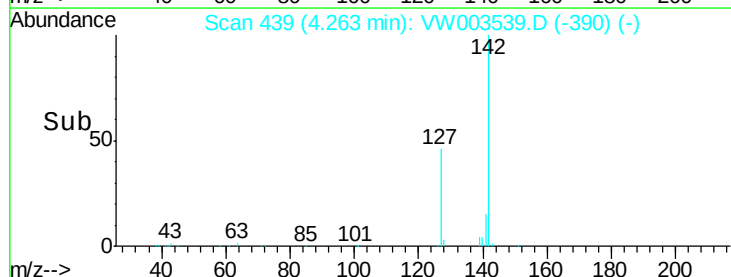
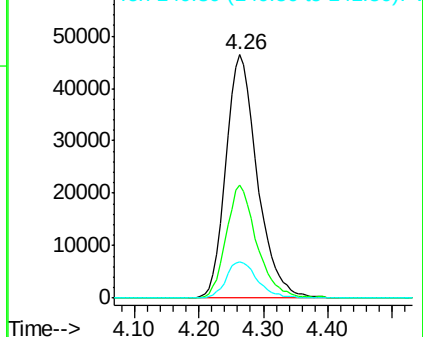
141 14.9 12.1 18.1

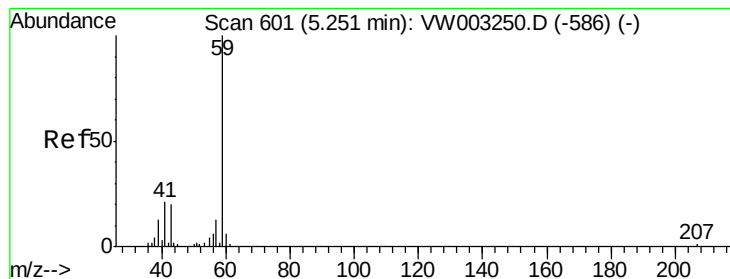


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



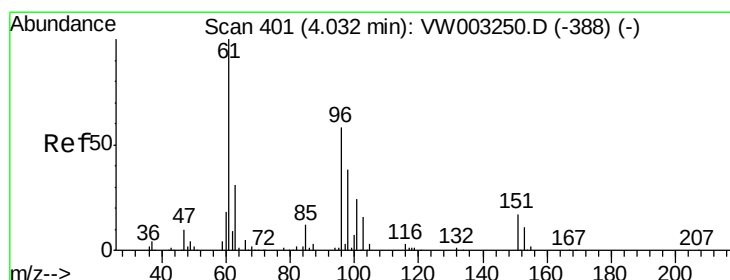
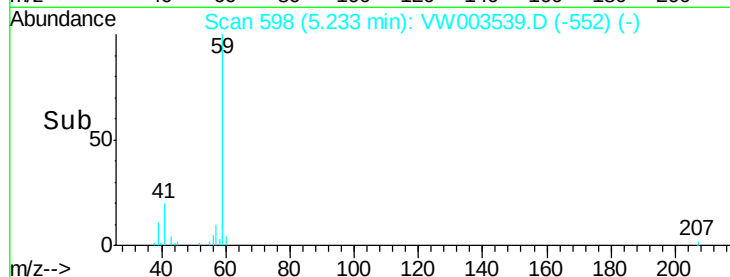
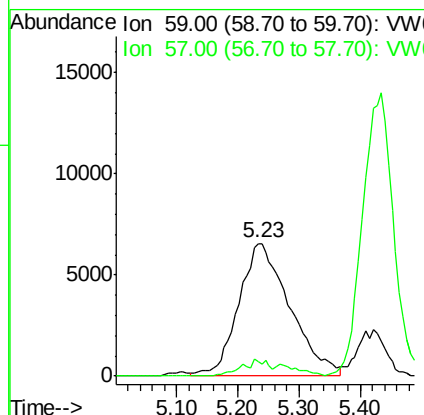
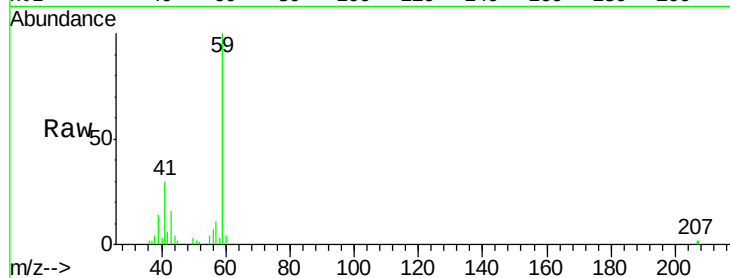


#11

Tert butyl alcohol
Concen: 301.864 ug/l
RT: 5.23 min Scan# 598
Delta R.T. -0.02 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

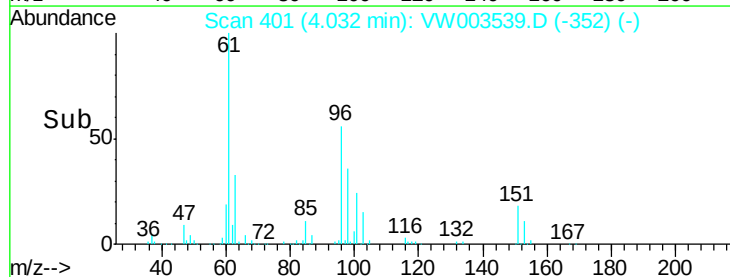
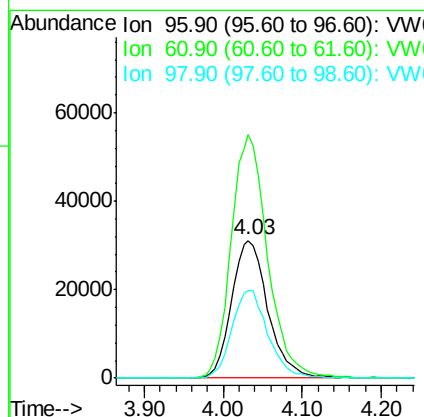
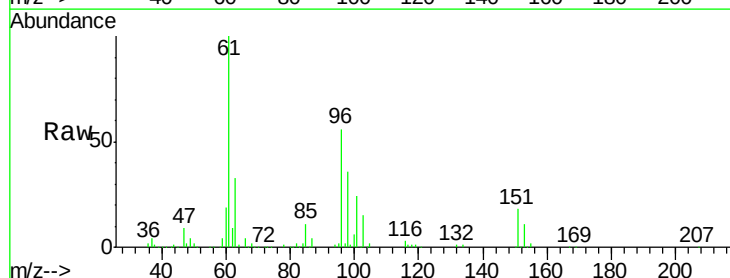
Tgt Ion: 59 Resp: 38164
Ion Ratio Lower Upper
59 100
57 6.4 4.2 6.2#

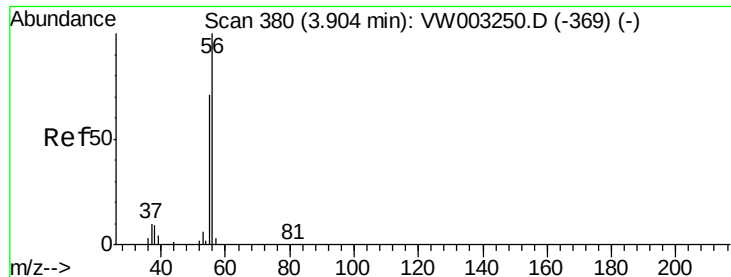


#12

1,1-Dichloroethene
Concen: 50.538 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 96 Resp: 99568
Ion Ratio Lower Upper
96 100
61 177.0 139.0 208.4
98 63.2 53.3 79.9





#13

Acrolein

Concen: 261.687 ug/l

RT: 3.90 min Scan# 379

Delta R.T. -0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

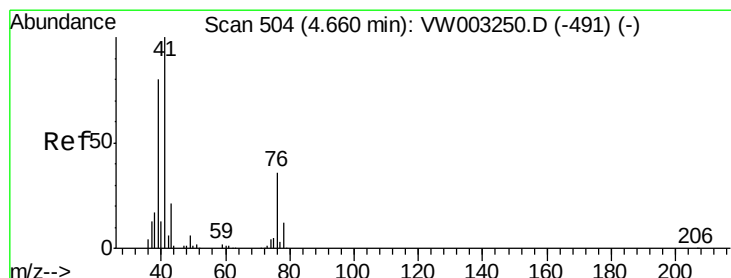
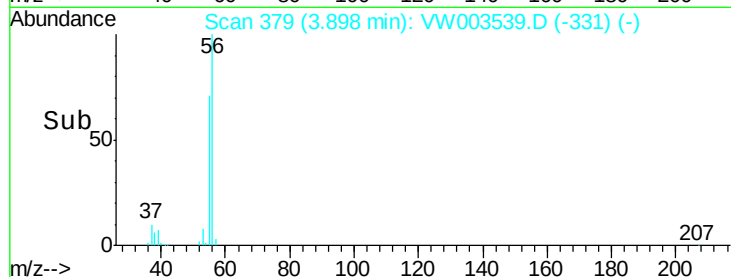
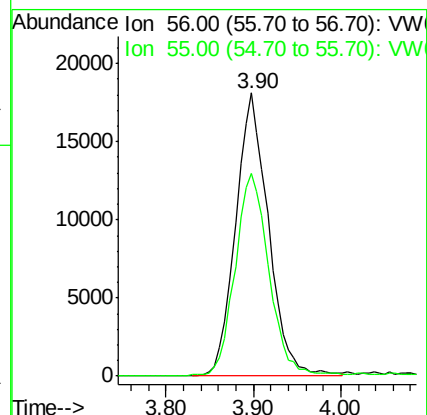
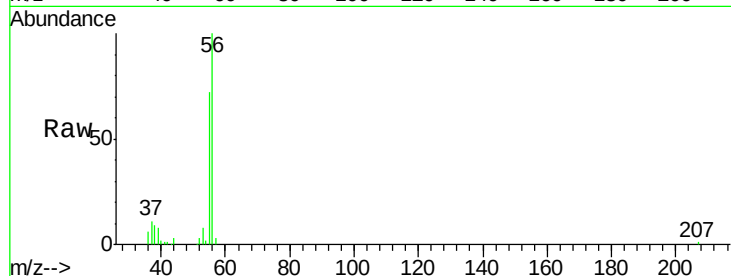
VSTDCCC050EC

Tgt Ion: 56 Resp: 47302

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.2



#14

Allyl chloride

Concen: 53.497 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

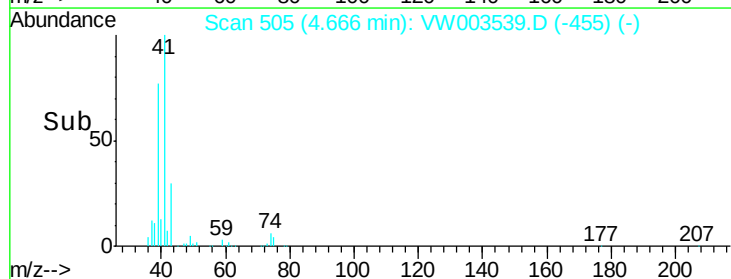
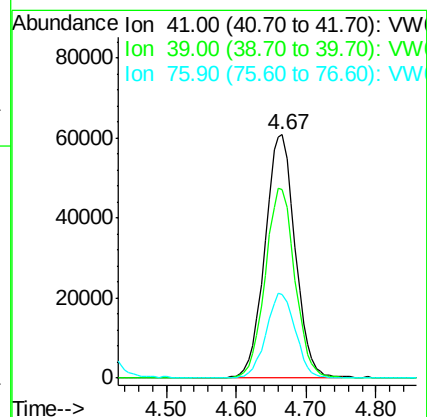
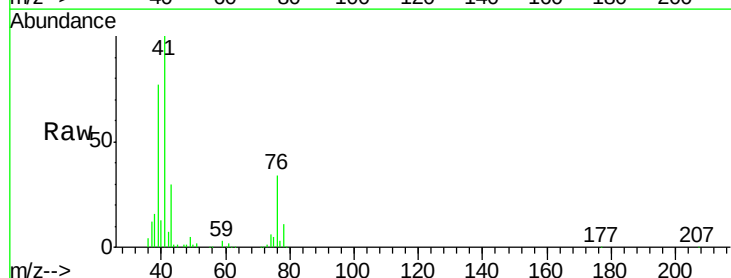
Tgt Ion: 41 Resp: 182570

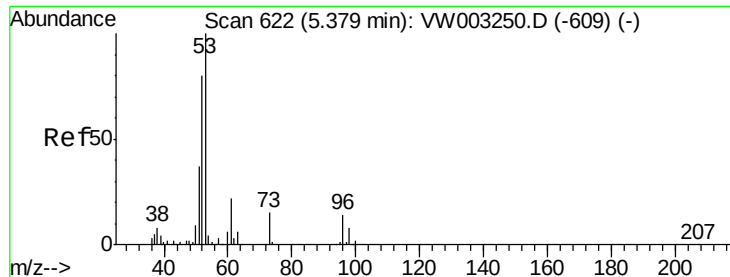
Ion Ratio Lower Upper

41 100

39 76.8 63.2 94.8

76 33.7 28.0 42.0





#15

Acrylonitrile

Concen: 295.913 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

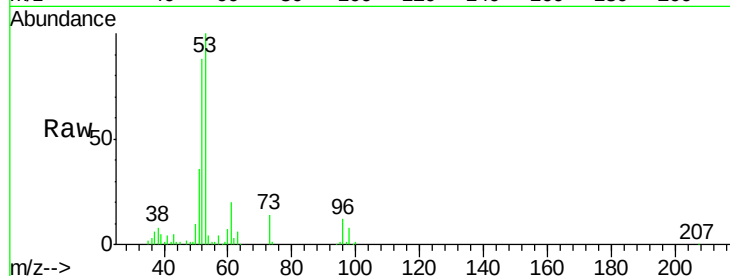
Tgt Ion: 53 Resp: 129851

Ion Ratio Lower Upper

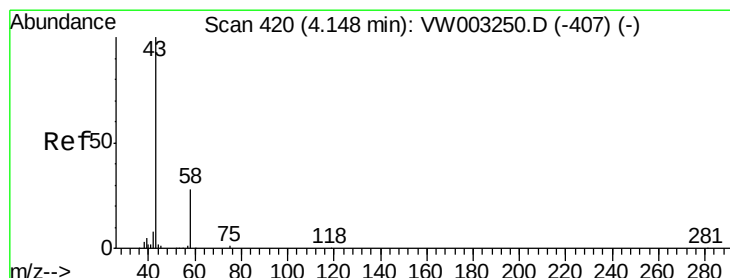
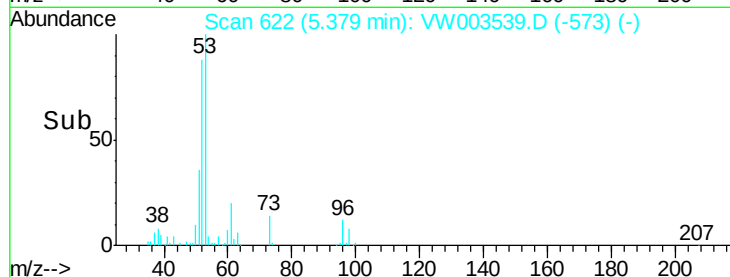
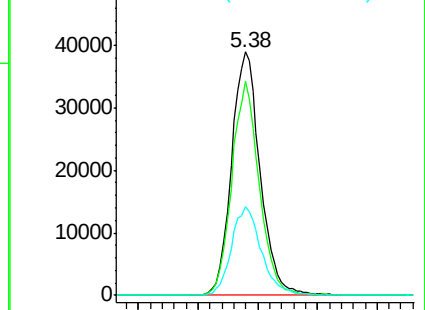
53 100

52 83.9 66.6 100.0

51 38.1 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VW
Ion 52.00 (51.70 to 52.70): VW
Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 224.463 ug/l

RT: 4.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VW003539.D

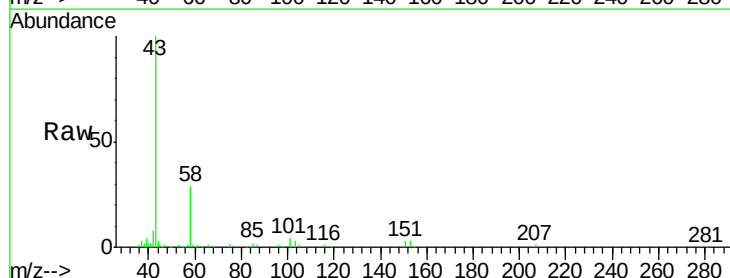
Acq: 25 Jun 2018 05:43

Tgt Ion: 43 Resp: 110977

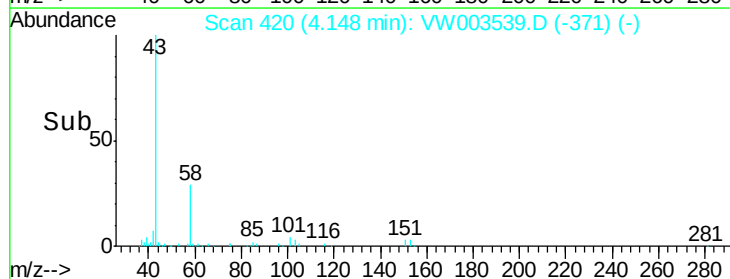
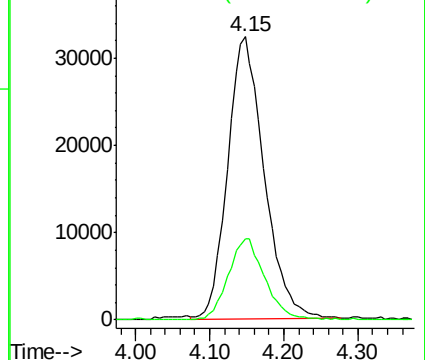
Ion Ratio Lower Upper

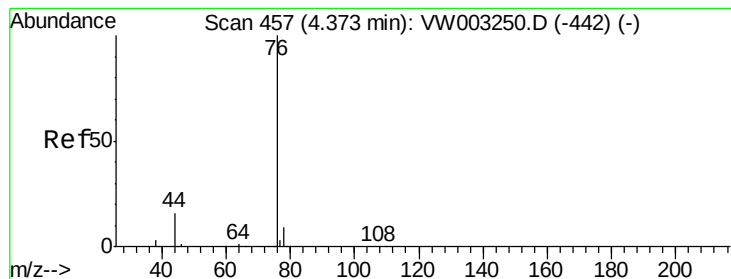
43 100

58 28.8 22.6 34.0



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





#17

Carbon Disulfide

Concen: 48.614 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

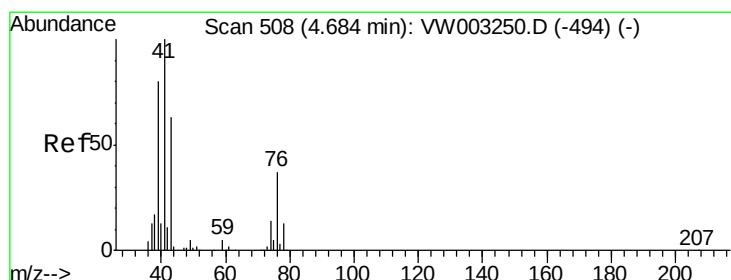
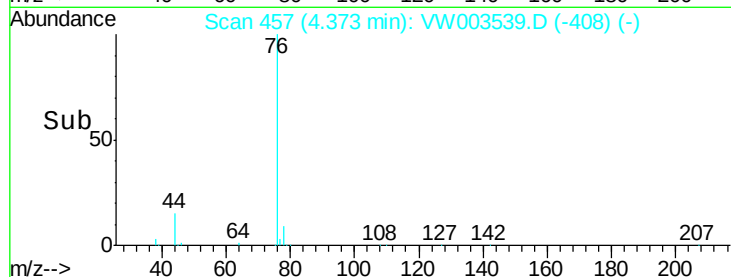
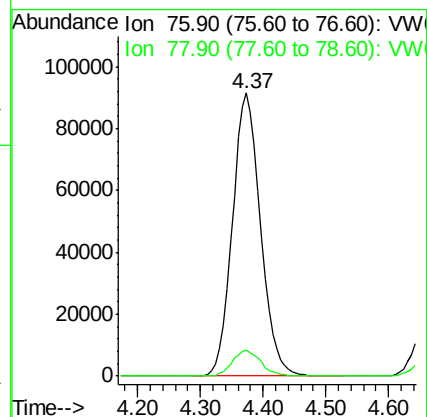
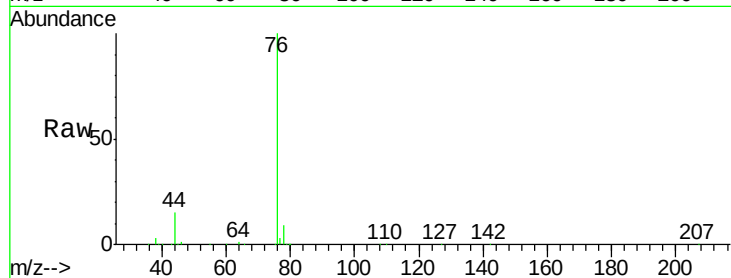
VSTDCCC050EC

Tgt Ion: 76 Resp: 283157

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



#18

Methyl Acetate

Concen: 61.868 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003539.D

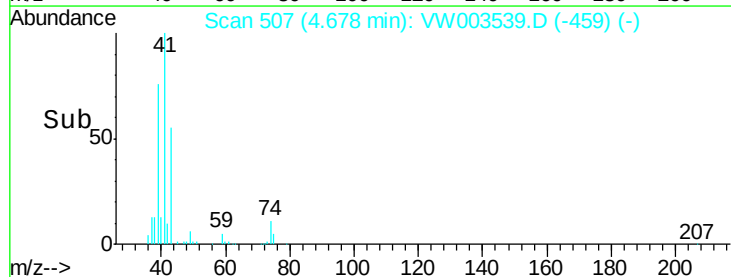
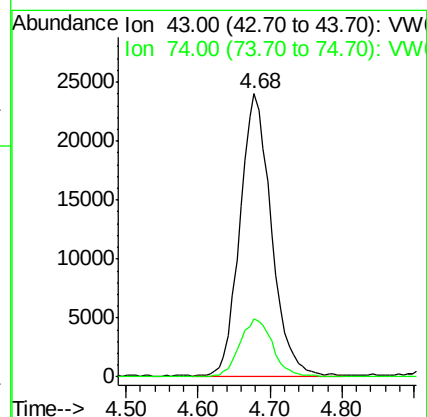
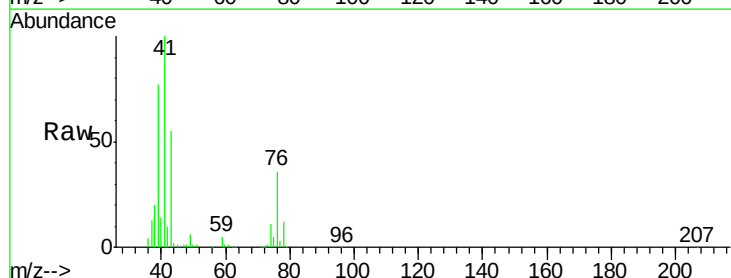
Acq: 25 Jun 2018 05:43

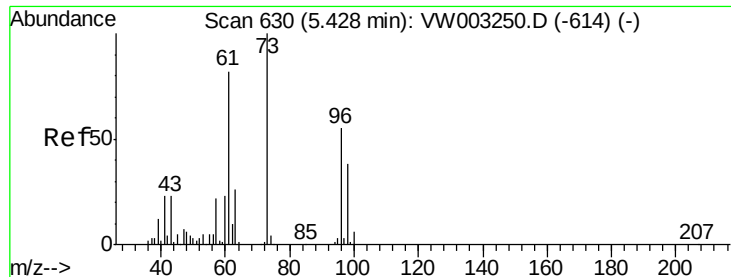
Tgt Ion: 43 Resp: 72564

Ion Ratio Lower Upper

43 100

74 21.6 18.7 28.1

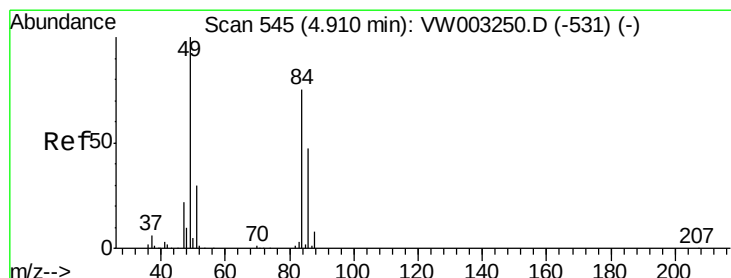
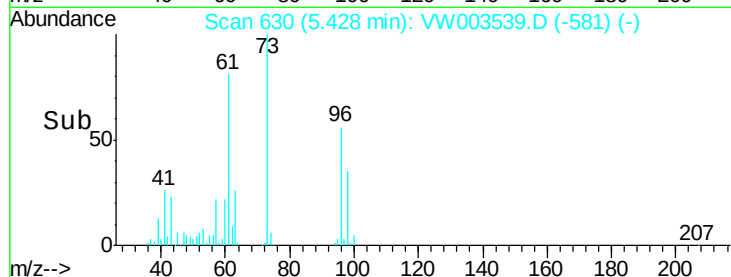
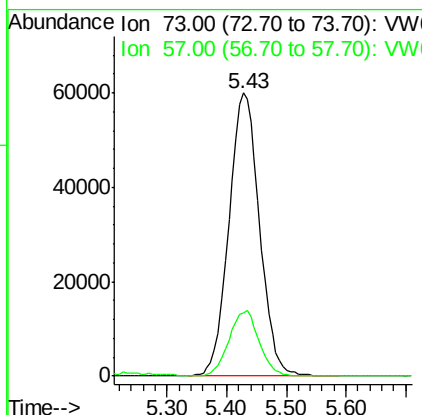
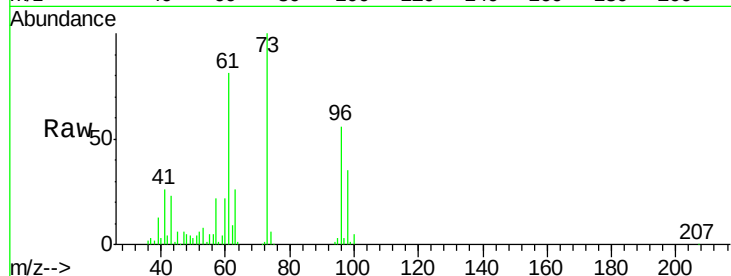




#19
Methyl tert-butyl Ether
Concen: 57.904 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

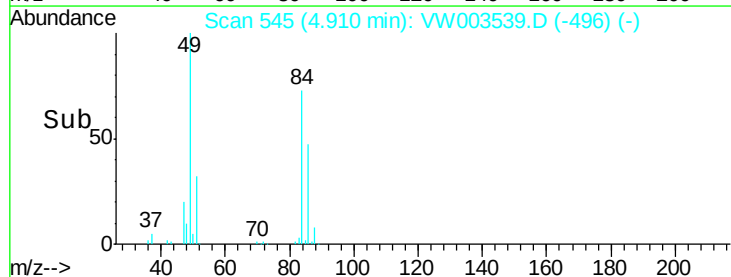
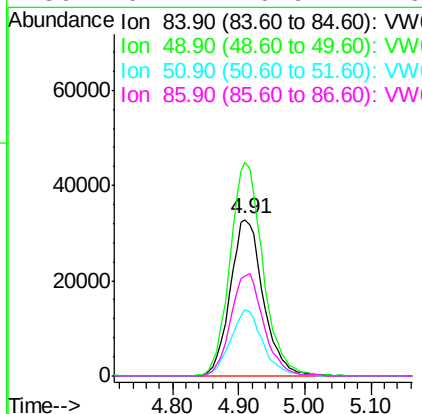
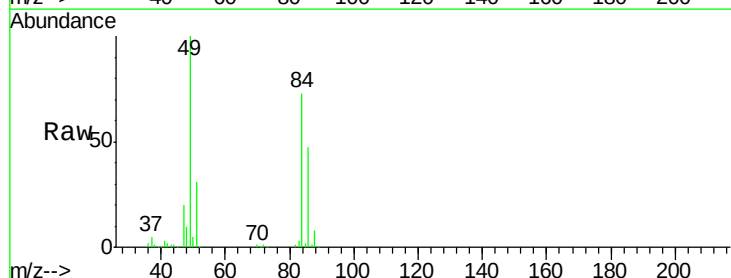
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

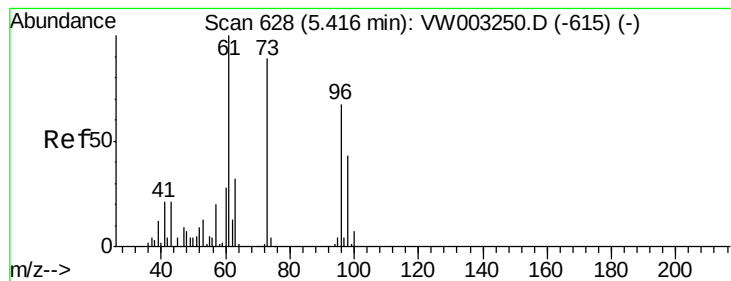
Tgt Ion: 73 Resp: 213668
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 54.466 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 84 Resp: 113703
Ion Ratio Lower Upper
84 100
49 136.6 106.3 159.5
51 43.0 32.0 48.0
86 64.1 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 51.832 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

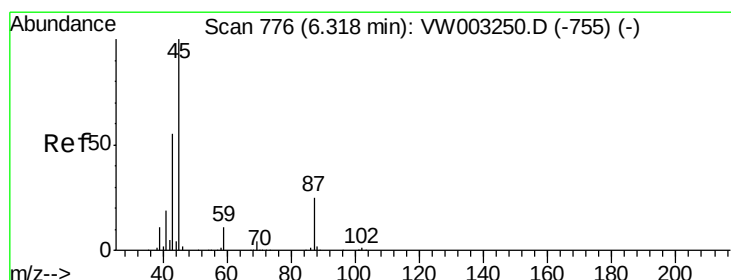
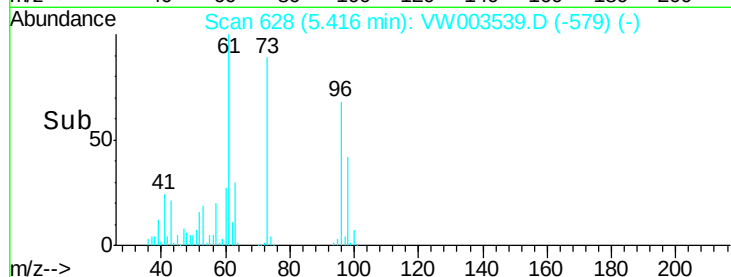
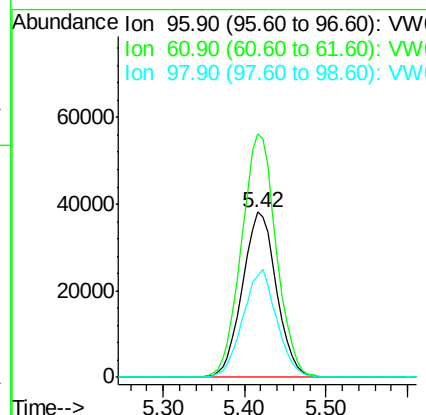
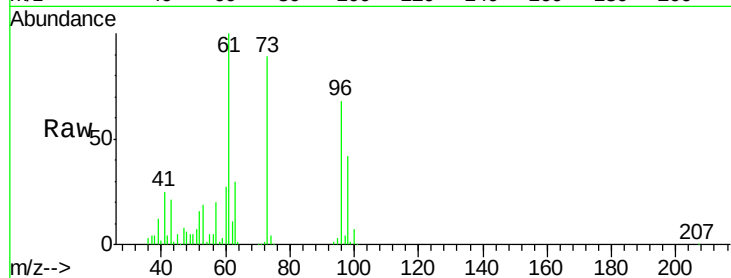
Tgt Ion: 96 Resp: 111136

Ion Ratio Lower Upper

96 100

61 147.2 118.7 178.1

98 61.4 51.0 76.6



#22

Diisopropyl ether

Concen: 57.936 ug/l

RT: 6.32 min Scan# 776

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion: 45 Resp: 397921

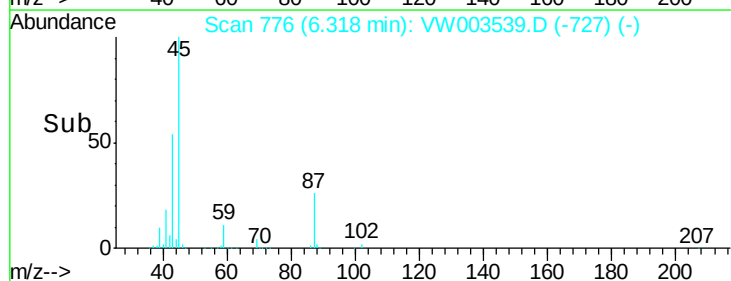
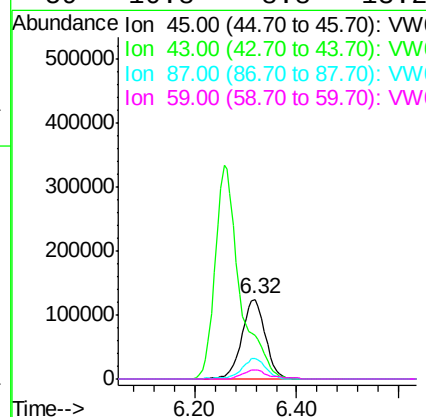
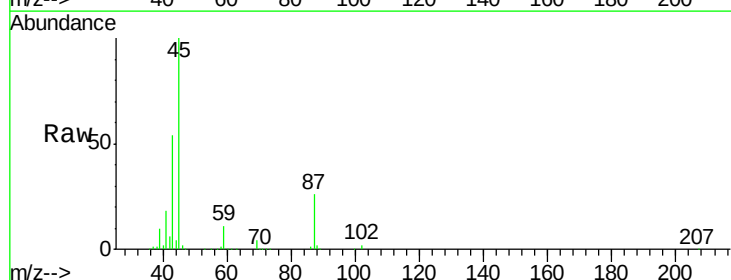
Ion Ratio Lower Upper

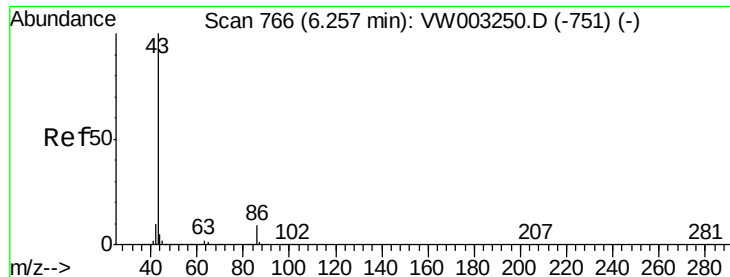
45 100

43 54.0 44.0 66.0

87 25.8 20.6 31.0

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 282.751 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

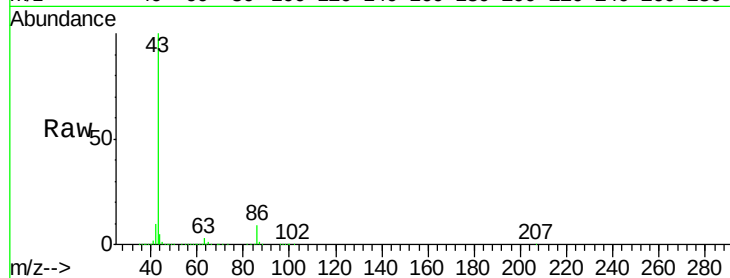
VSTDCCC050EC

Tgt Ion: 43 Resp: 1119118

Ion Ratio Lower Upper

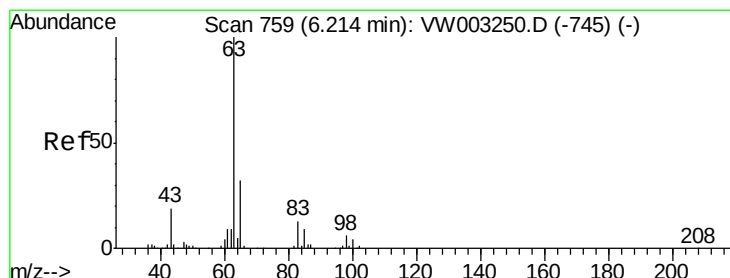
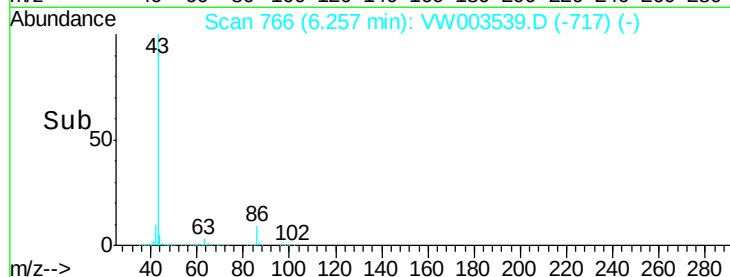
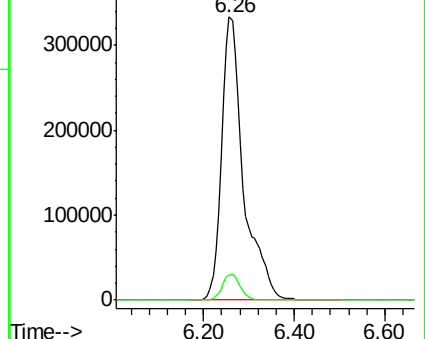
43 100

86 8.9 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.803 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

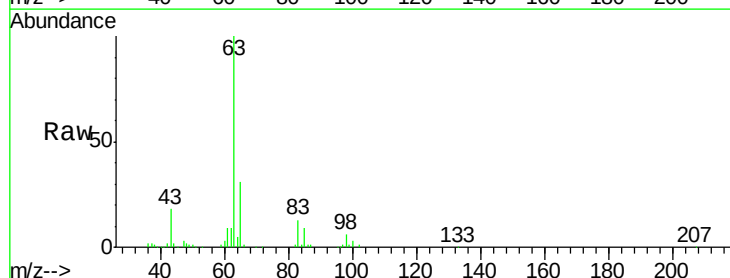
Tgt Ion: 63 Resp: 223455

Ion Ratio Lower Upper

63 100

98 6.5 2.8 8.3

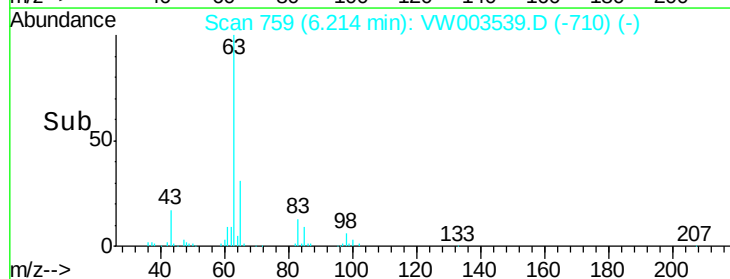
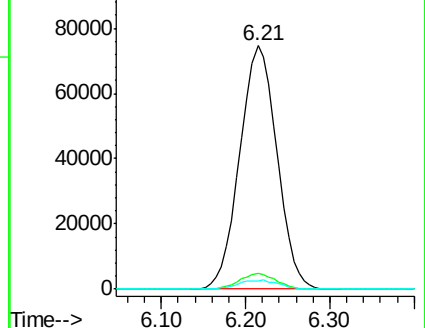
100 3.4 2.1 6.5

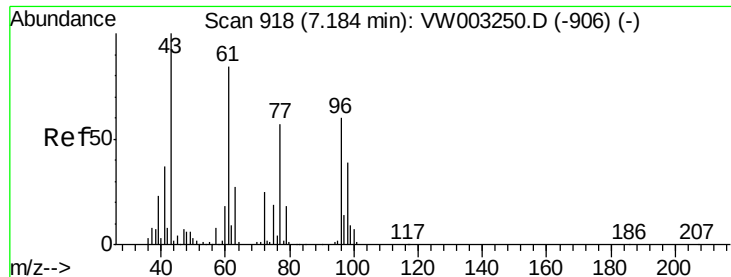


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 277.657 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

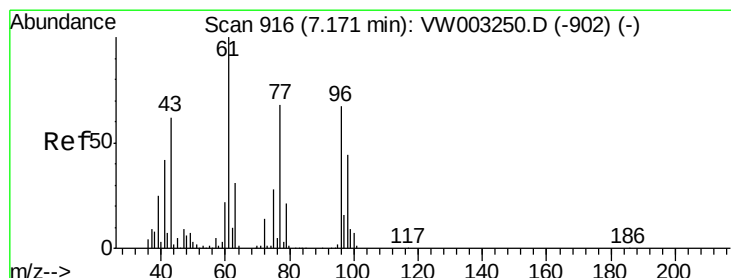
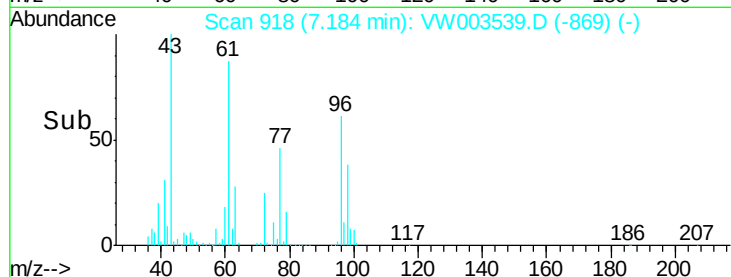
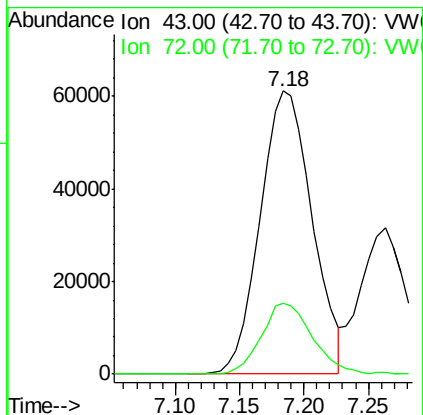
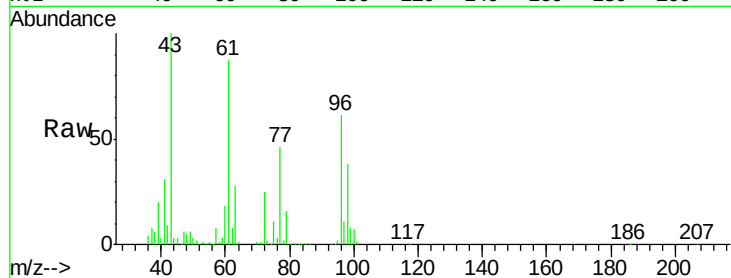
VSTDCCC050EC

Tgt Ion: 43 Resp: 170700

Ion Ratio Lower Upper

43 100

72 25.3 20.3 30.5



#26

2,2-Dichloropropane

Concen: 42.031 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.00 min

Lab File: VW003539.D

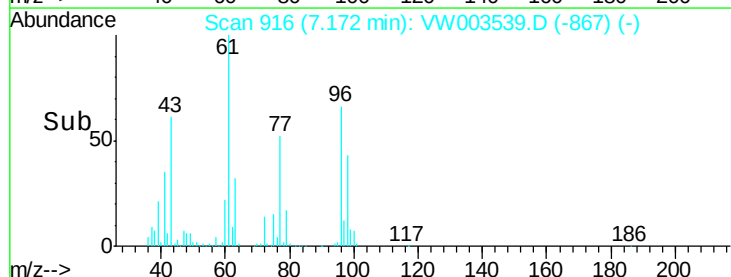
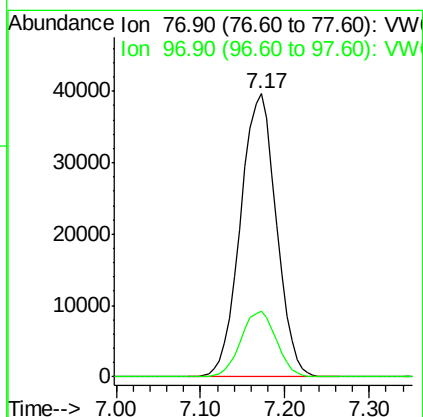
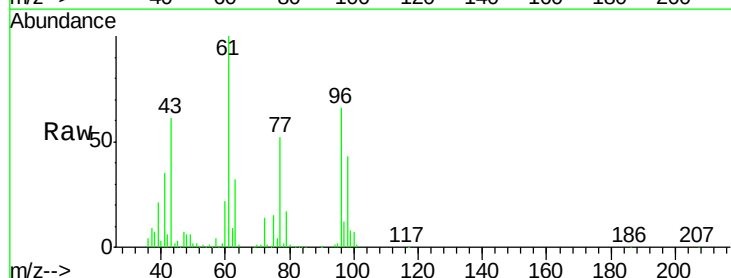
Acq: 25 Jun 2018 05:43

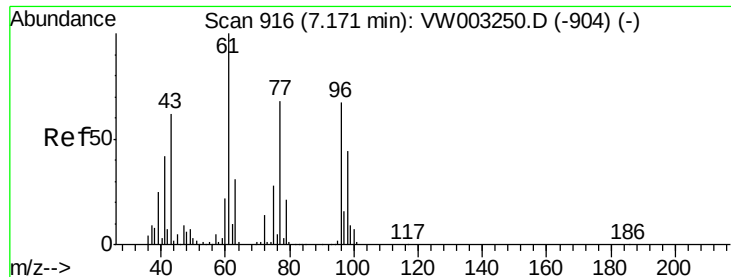
Tgt Ion: 77 Resp: 114376

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



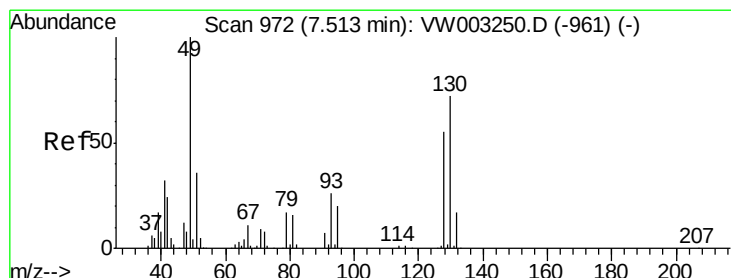
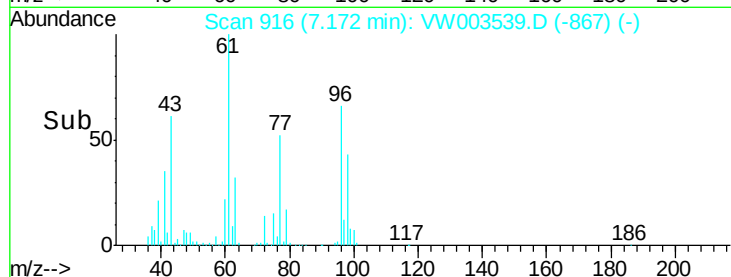
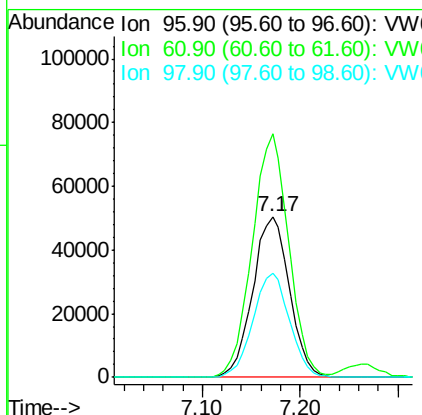
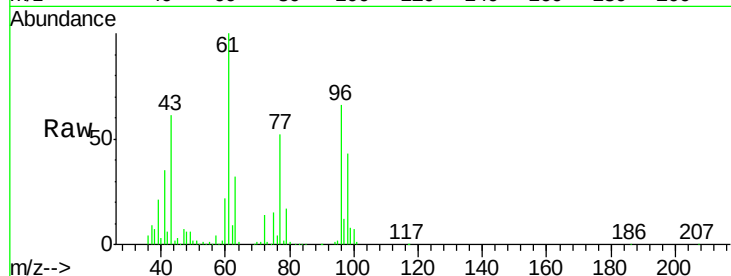


#27

cis-1,2-Dichloroethene
Concen: 55.871 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

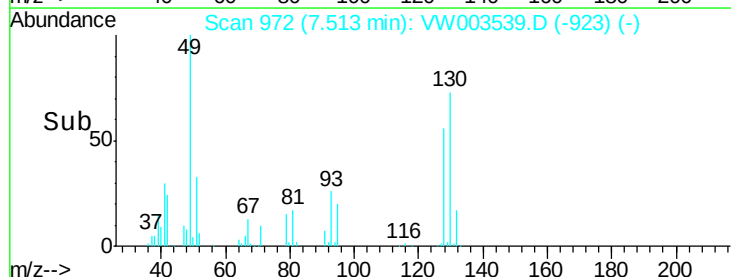
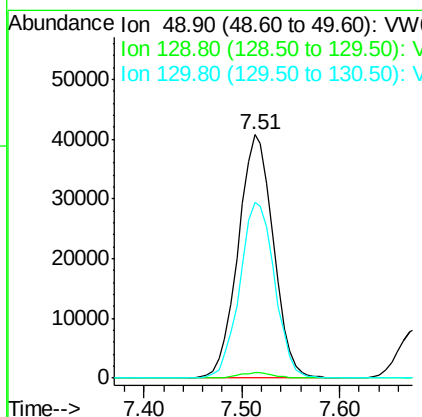
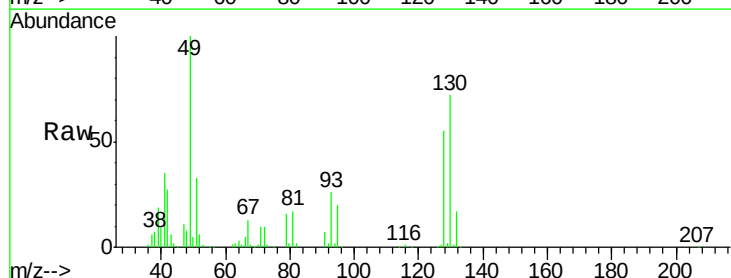
Tgt Ion: 96 Resp: 131601
Ion Ratio Lower Upper
96 100
61 150.2 0.0 298.8
98 64.3 0.0 130.4

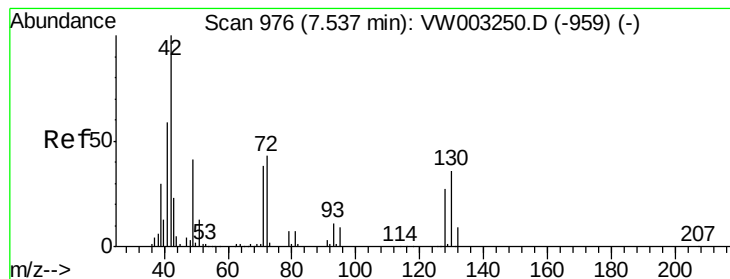


#28

Bromochloromethane
Concen: 60.111 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 49 Resp: 101993
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 71.6 59.4 89.2





#29

Tetrahydrofuran

Concen: 302.223 ug/l

RT: 7.54 min Scan# 976

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

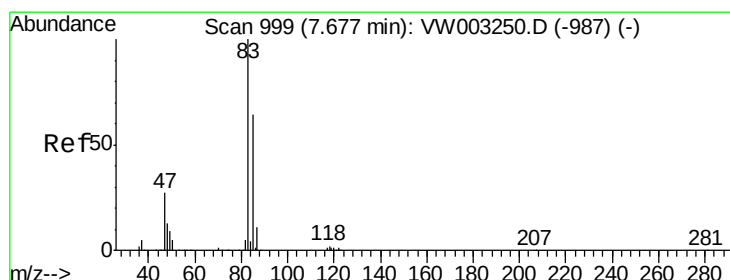
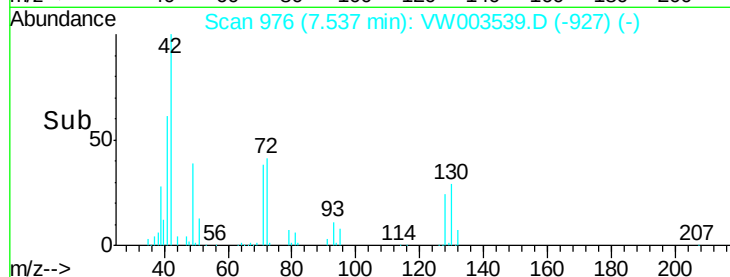
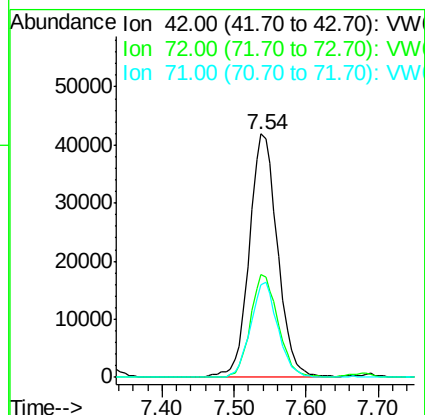
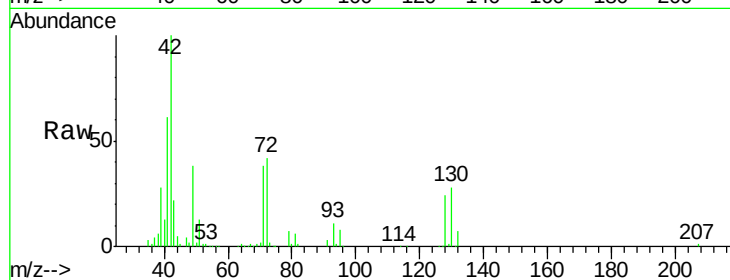
Tgt Ion: 42 Resp: 113556

Ion Ratio Lower Upper

42 100

72 41.4 32.4 48.6

71 37.8 31.2 46.8



#30

Chloroform

Concen: 54.906 ug/l

RT: 7.68 min Scan# 999

Delta R.T. 0.00 min

Lab File: VW003539.D

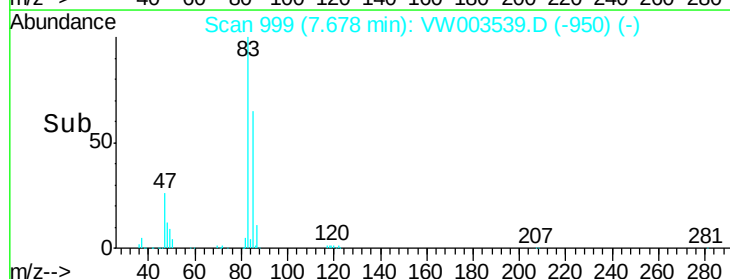
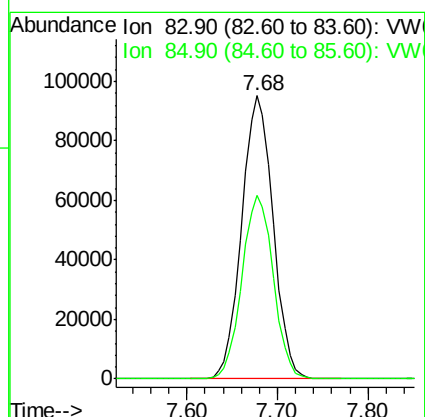
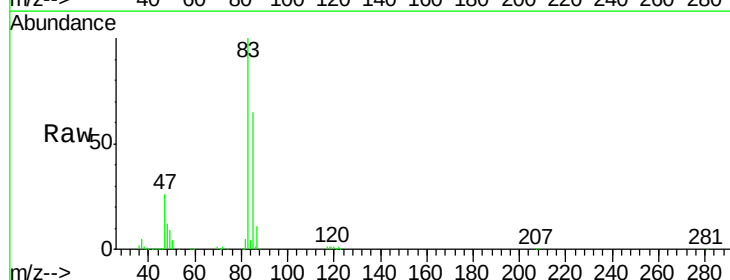
Acq: 25 Jun 2018 05:43

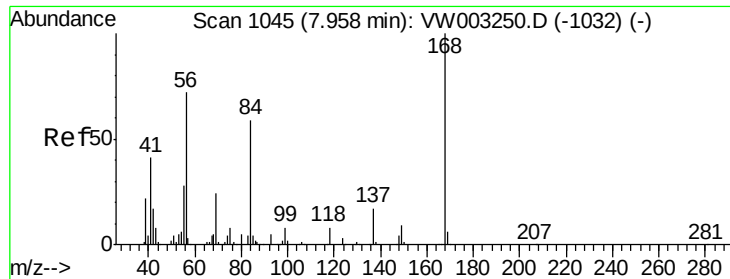
Tgt Ion: 83 Resp: 228080

Ion Ratio Lower Upper

83 100

85 64.7 51.3 76.9

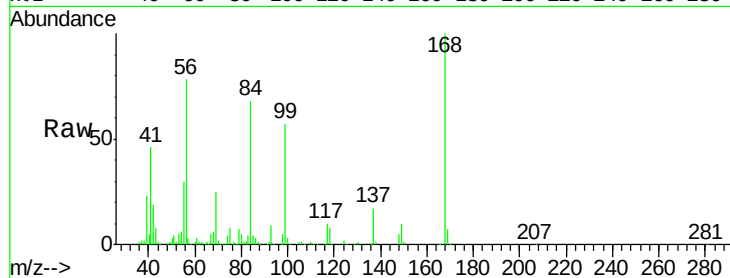




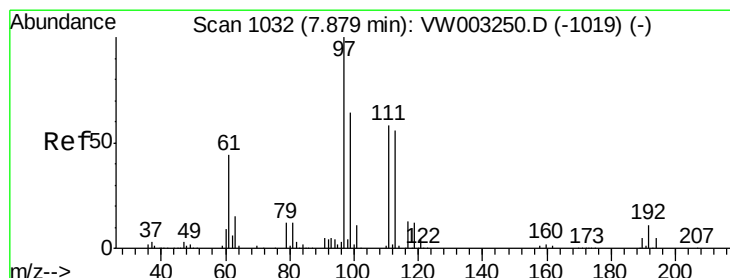
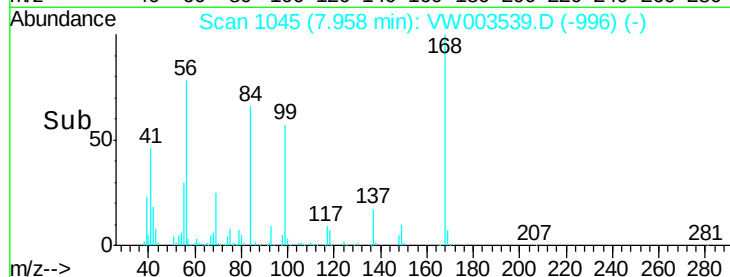
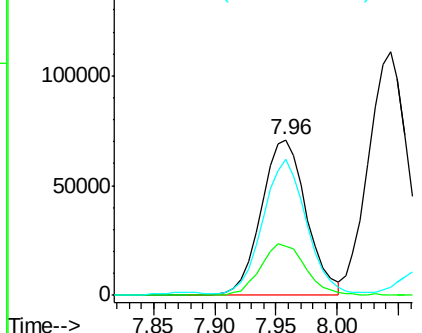
#31
Cyclohexane
Concen: 47.889 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 182422
Ion Ratio Lower Upper
56 100
69 31.5 26.3 39.5
84 85.4 65.7 98.5

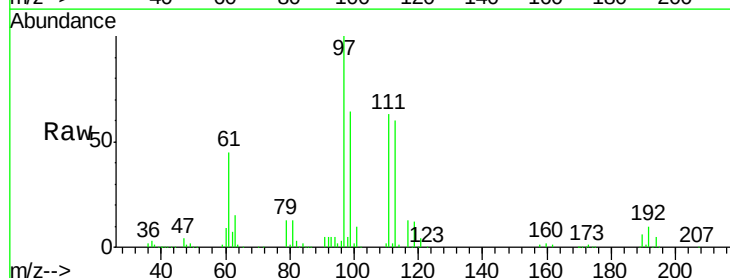


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

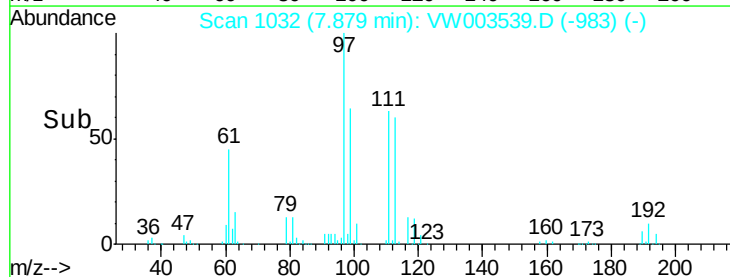
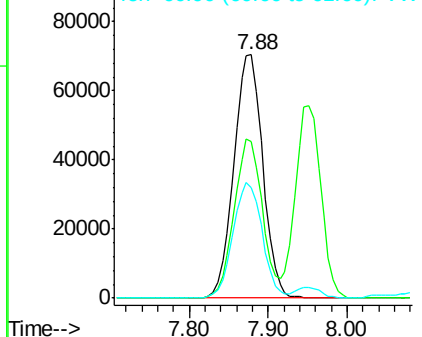


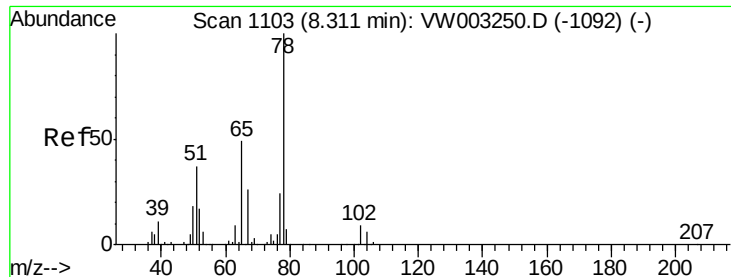
#32
1,1,1-Trichloroethane
Concen: 52.303 ug/l
RT: 7.88 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 97 Resp: 179338
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 47.9 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

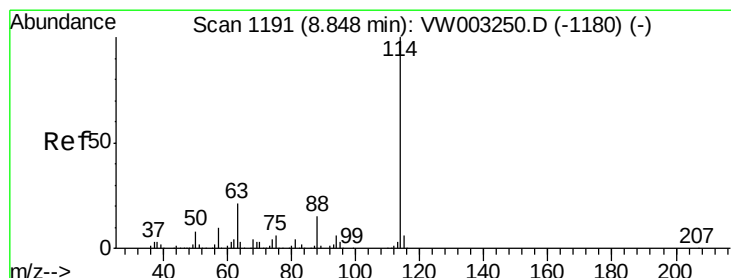
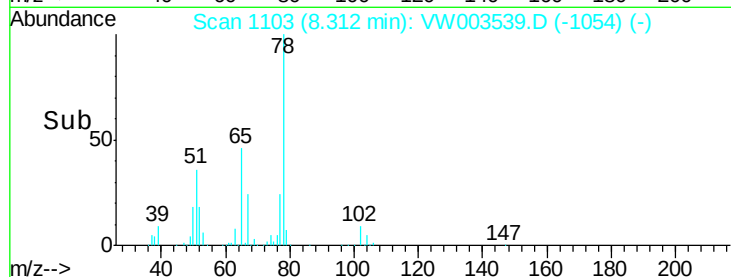
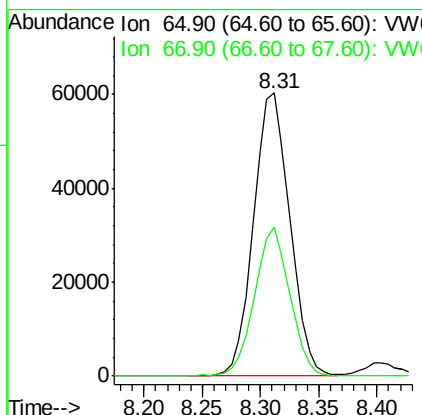
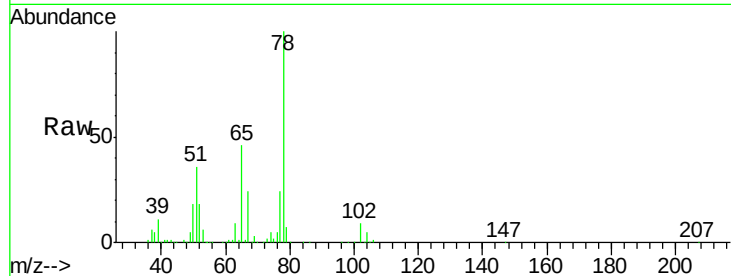




#33
 1,2-Dichloroethane-d4
 Concen: 55.422 ug/l
 RT: 8.31 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

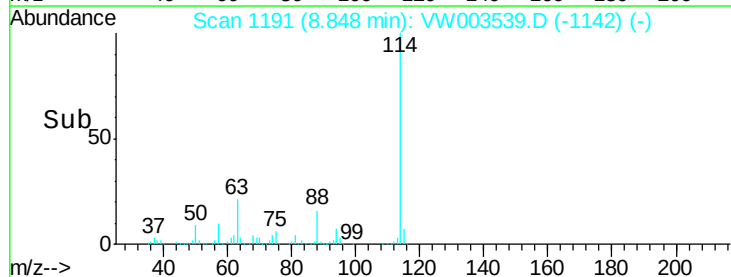
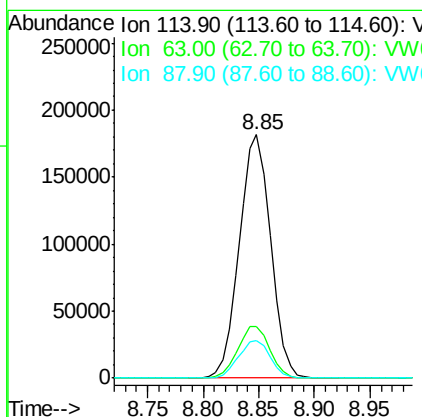
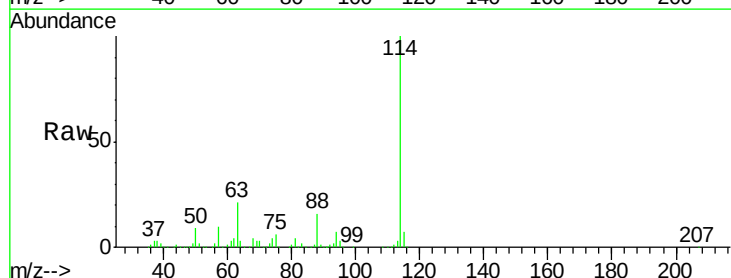
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

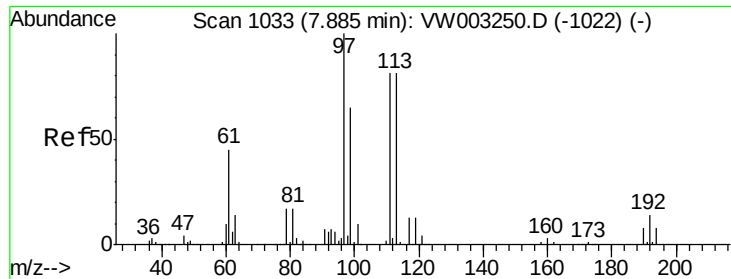
Tgt Ion: 65 Resp: 130651
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 114 Resp: 355016
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.0
 88 15.5 0.0 29.6

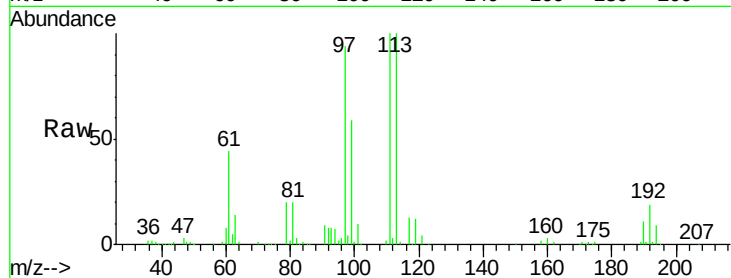




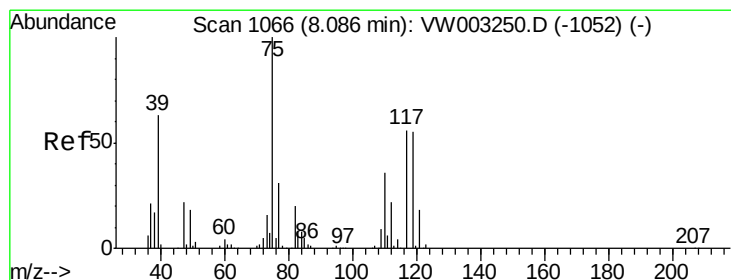
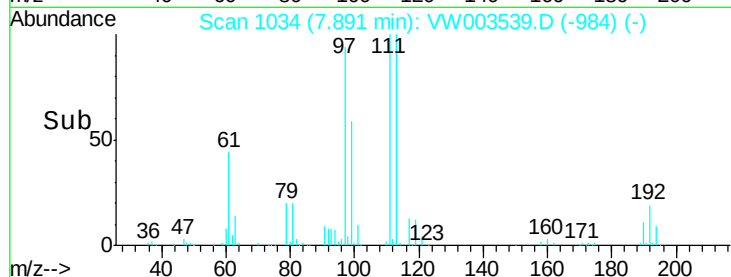
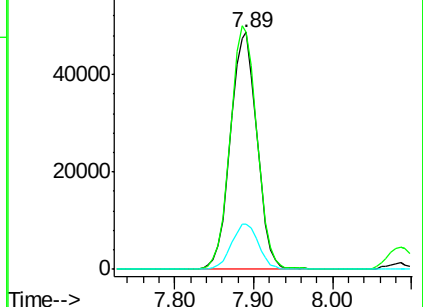
#35
 Dibromofluoromethane
 Concen: 51.636 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 113 Resp: 113907
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.2
 192 19.4 16.2 24.2

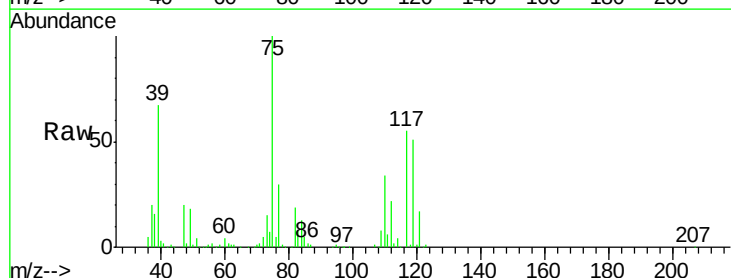


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

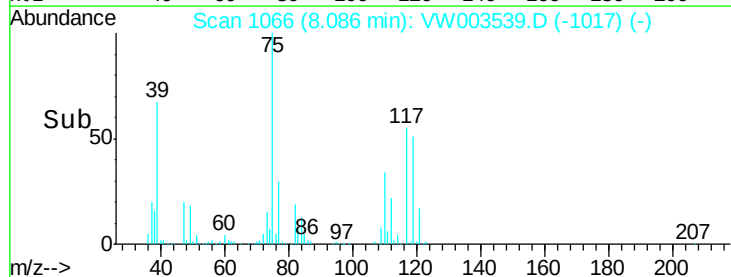
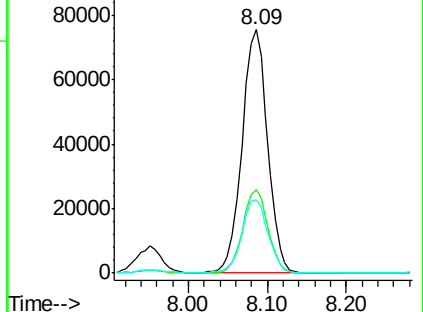


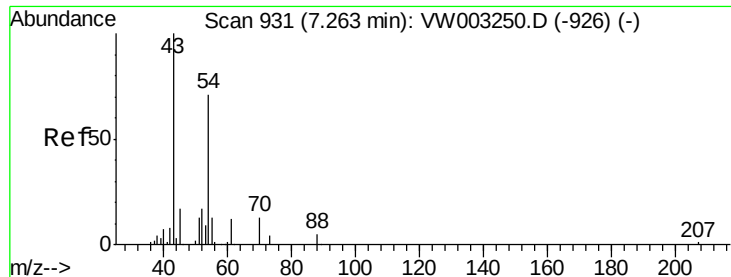
#36
 1,1-Dichloropropene
 Concen: 49.719 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 75 Resp: 170463
 Ion Ratio Lower Upper
 75 100
 110 33.8 17.1 51.3
 77 30.9 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

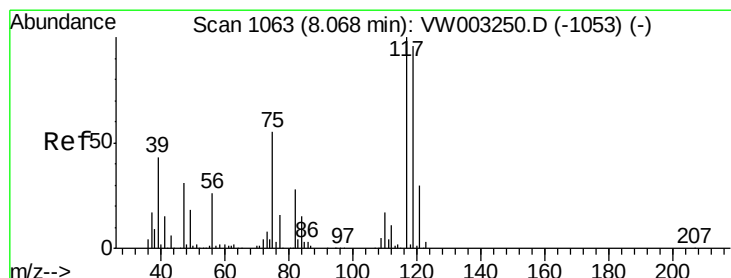
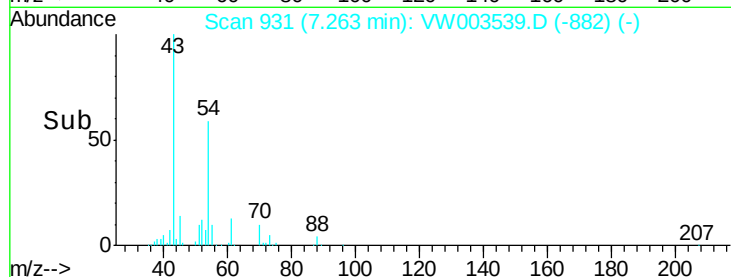
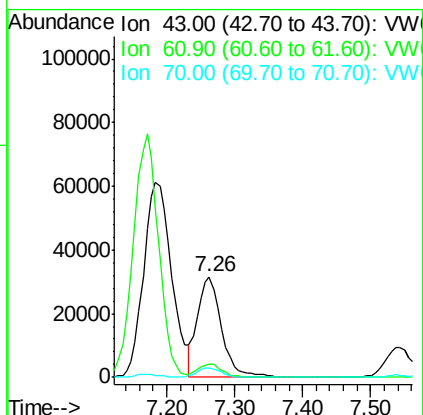
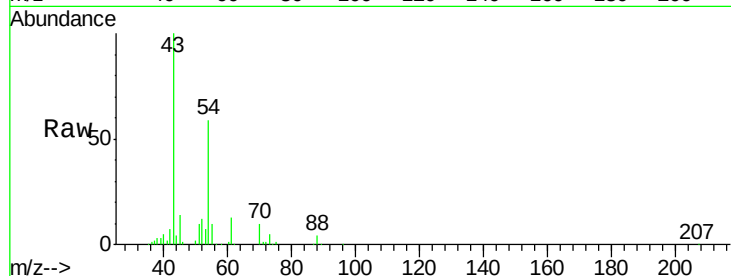




#37
Ethyl Acetate
Concen: 54.688 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

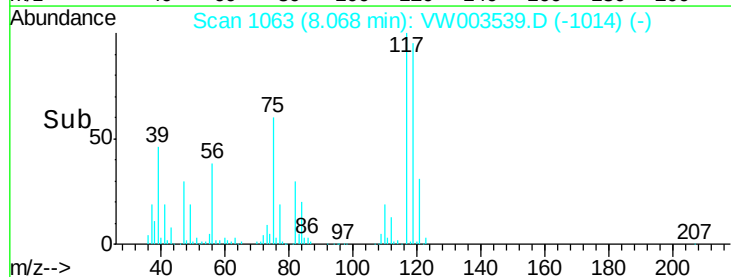
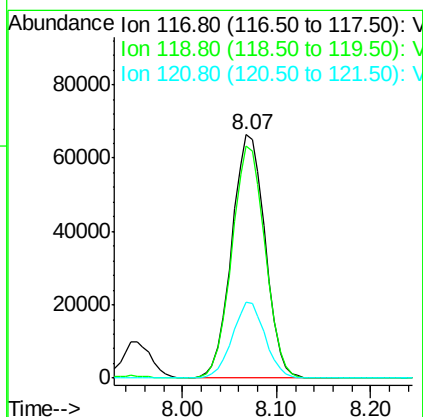
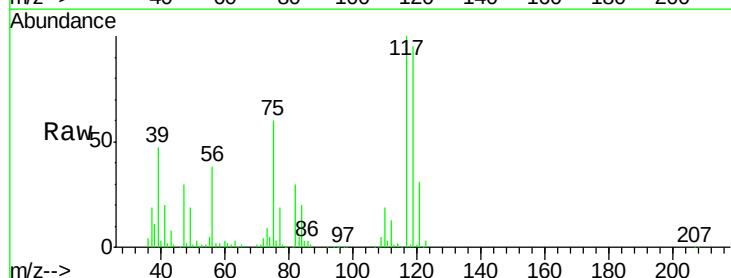
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

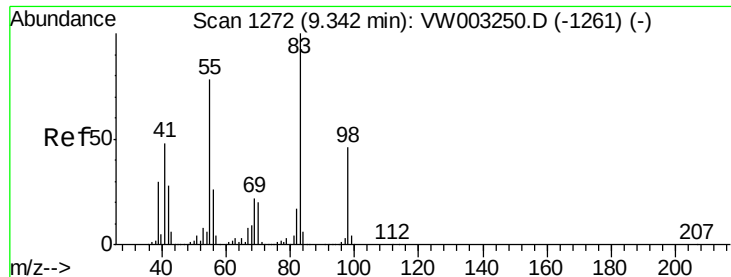
Tgt Ion: 43 Resp: 77676
Ion Ratio Lower Upper
43 100
61 14.0 10.8 16.2
70 9.7 7.8 11.6



#38
Carbon Tetrachloride
Concen: 48.694 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 117 Resp: 163761
Ion Ratio Lower Upper
117 100
119 95.3 76.6 115.0
121 30.9 23.9 35.9

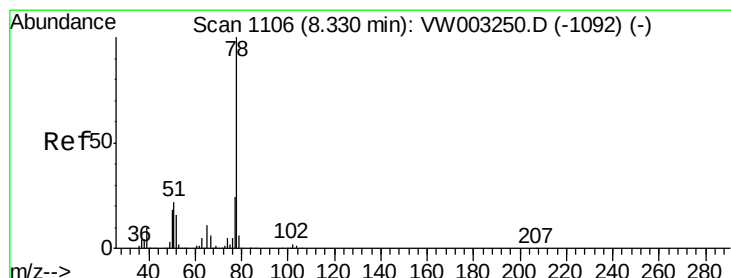
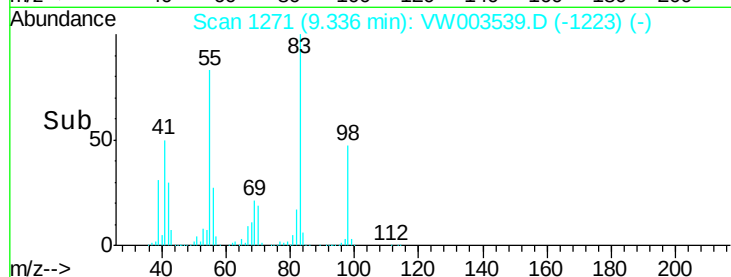
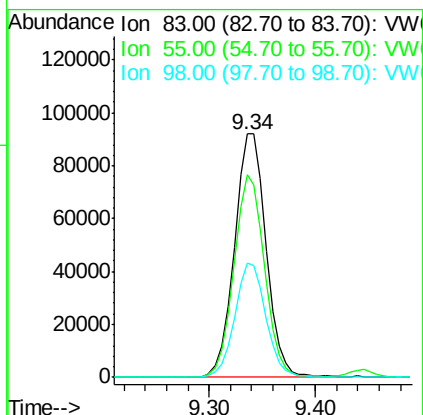
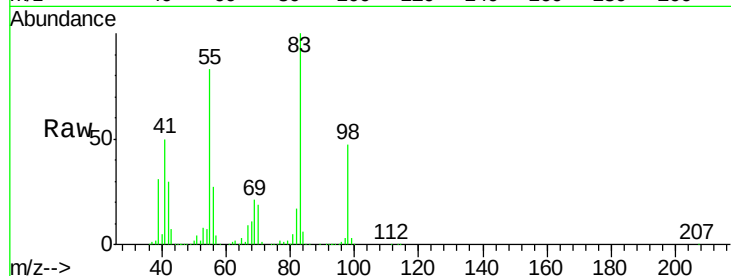




#39
Methylcyclohexane
Concen: 48.463 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

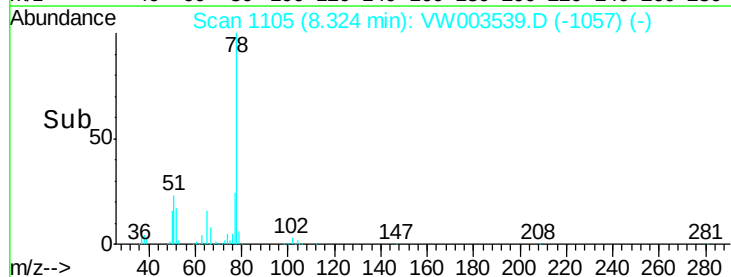
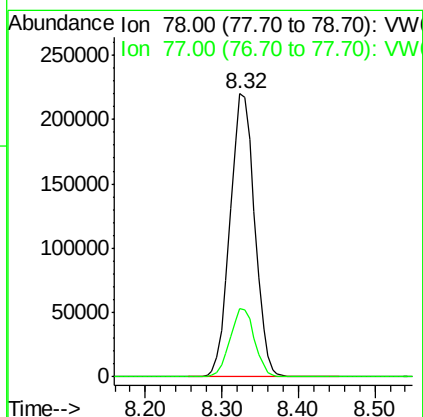
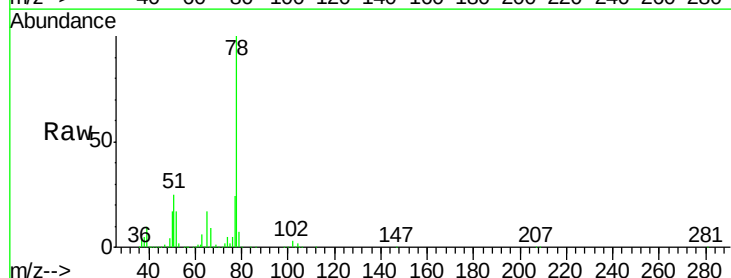
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

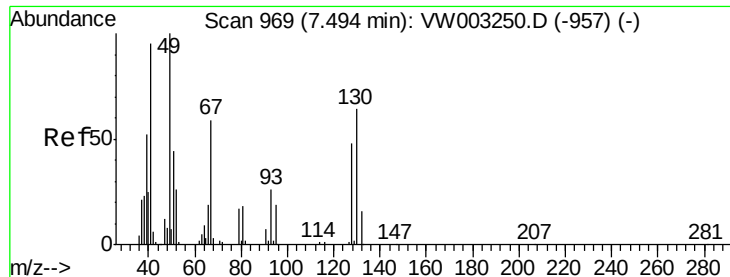
Tgt Ion: 83 Resp: 192256
Ion Ratio Lower Upper
83 100
55 83.0 62.6 93.8
98 47.0 37.0 55.4



#40
Benzene
Concen: 51.871 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 78 Resp: 490208
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

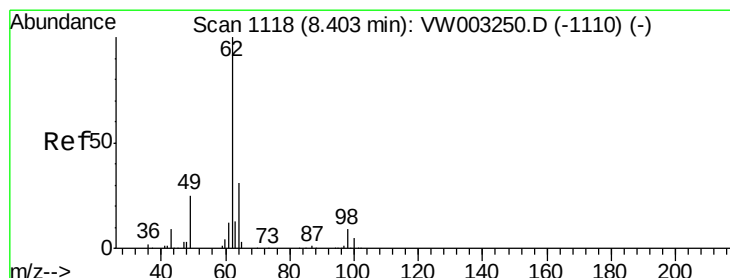
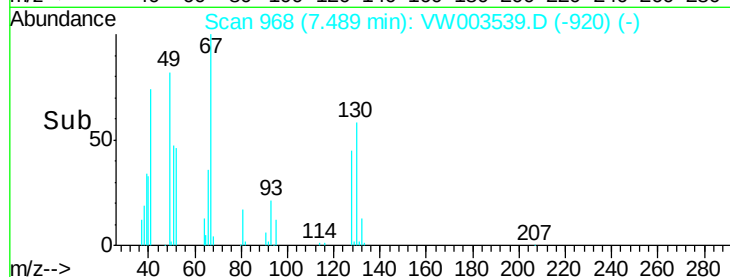
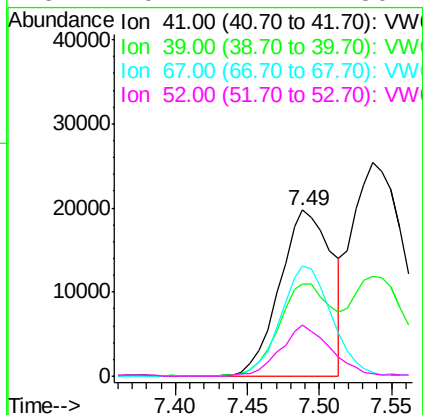
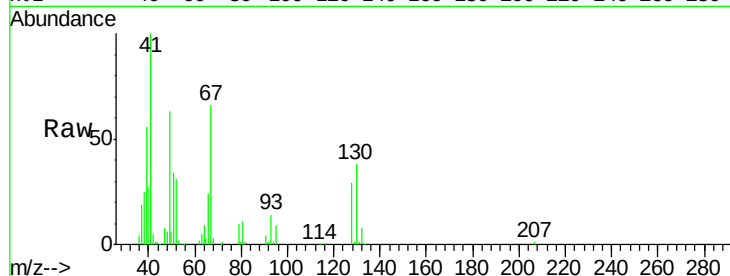




#41
Methacrylonitrile
Concen: 57.471 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

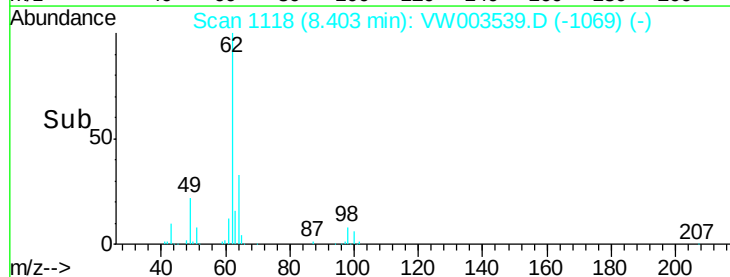
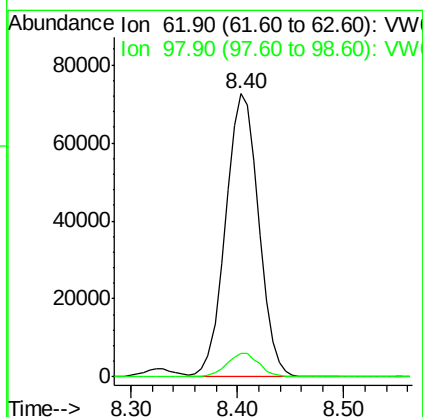
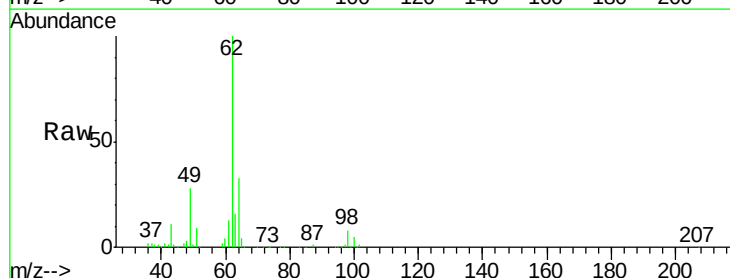
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

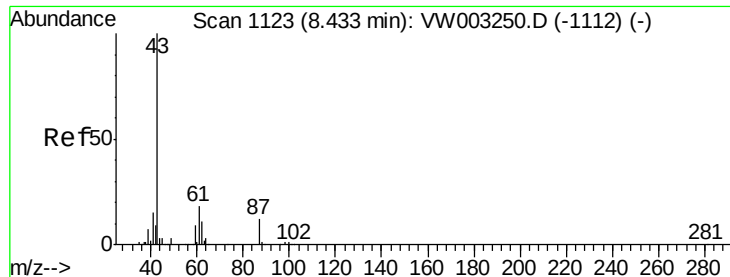
Tgt Ion:	41	Resp:	50092
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.8
67	65.1	52.3	78.5
52	29.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 53.524 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion:	62	Resp:	158480
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.2





#43

Isopropyl Acetate

Concen: 55.615 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

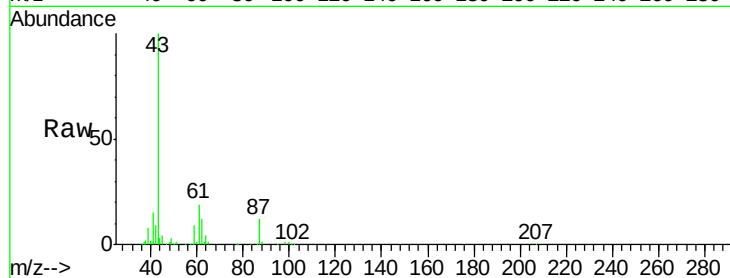
Tgt Ion: 43 Resp: 156850

Ion Ratio Lower Upper

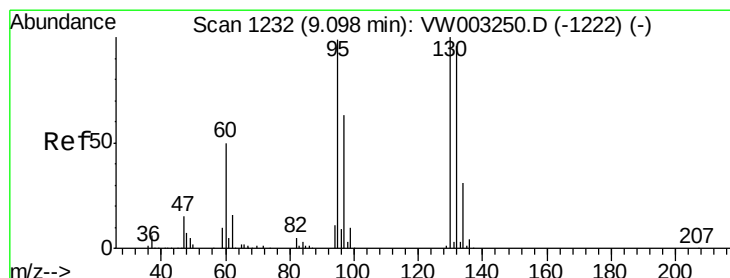
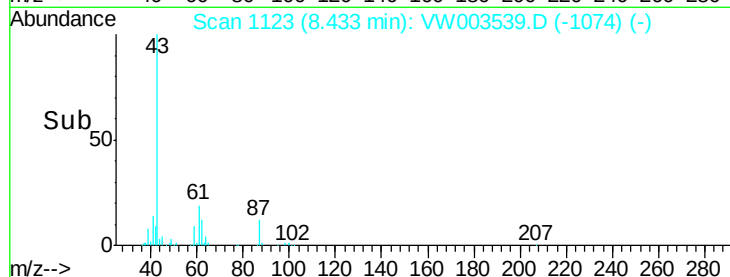
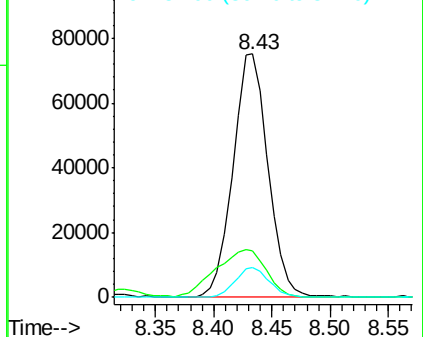
43 100

61 28.2 23.1 34.7

87 11.9 9.8 14.6



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



#44

Trichloroethene

Concen: 59.094 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003539.D

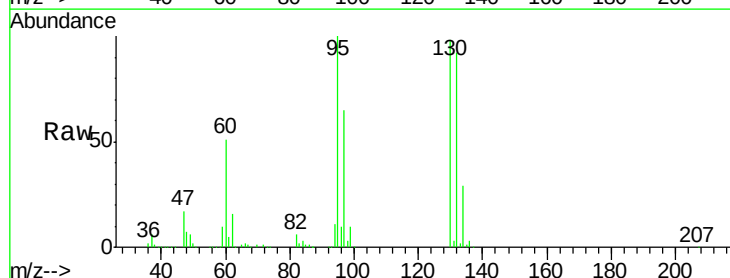
Acq: 25 Jun 2018 05:43

Tgt Ion: 130 Resp: 147981

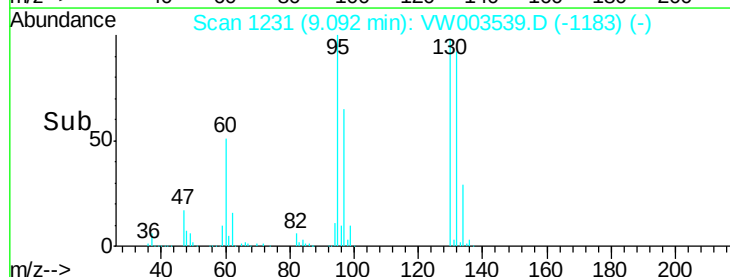
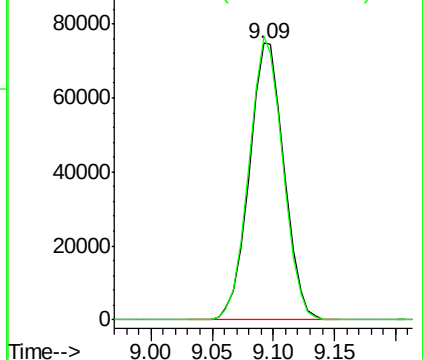
Ion Ratio Lower Upper

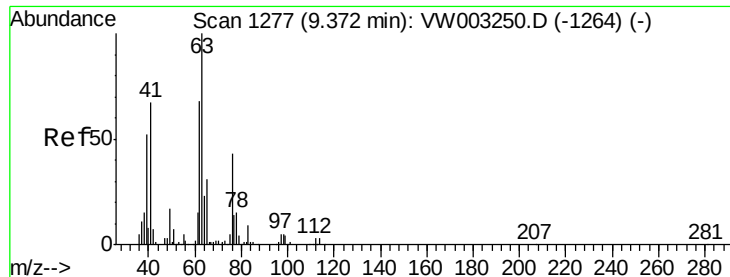
130 100

95 102.3 0.0 198.0



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

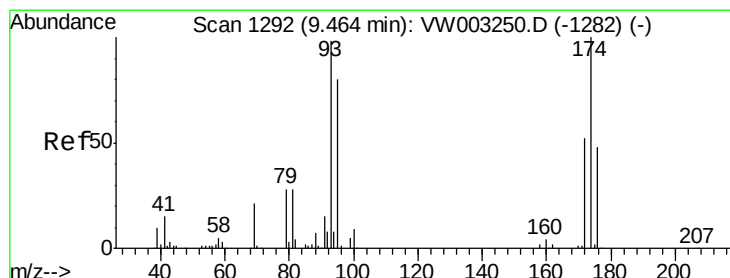
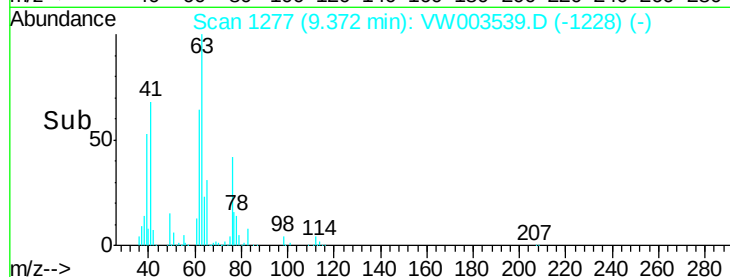
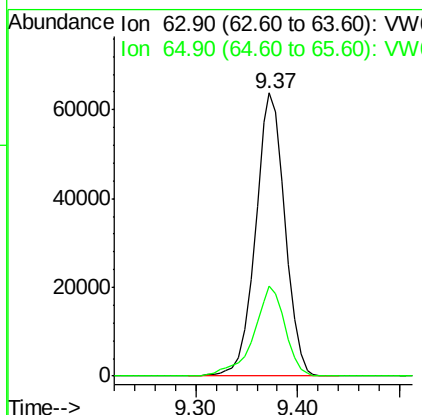
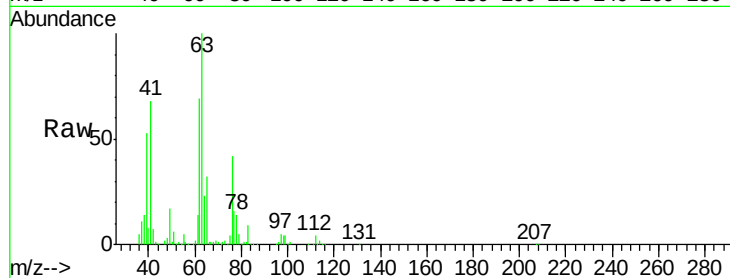




#45
 1,2-Dichloropropane
 Concen: 52.957 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

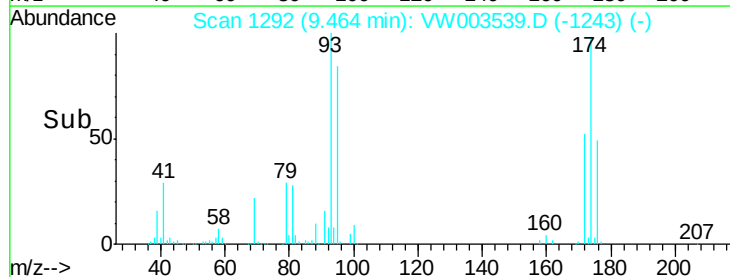
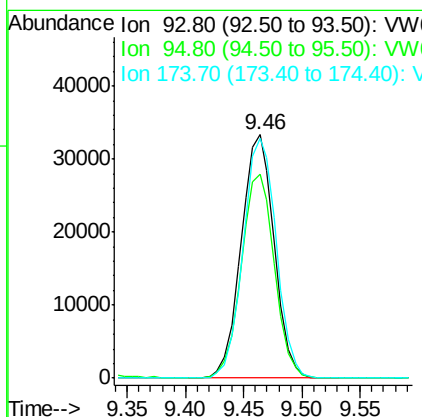
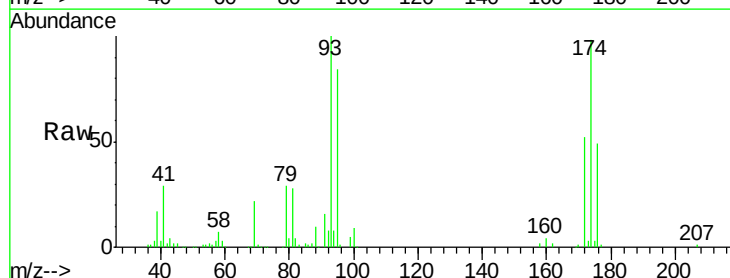
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

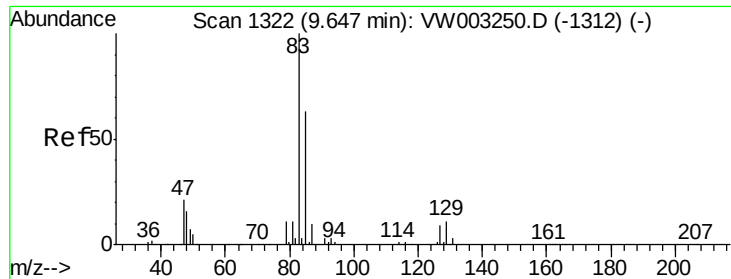
Tgt Ion: 63 Resp: 127427
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.1 37.7



#46
 Dibromomethane
 Concen: 53.392 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 93 Resp: 65776
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.8 98.8
 174 98.8 81.4 122.0





#47

Bromodichloromethane

Concen: 52.998 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

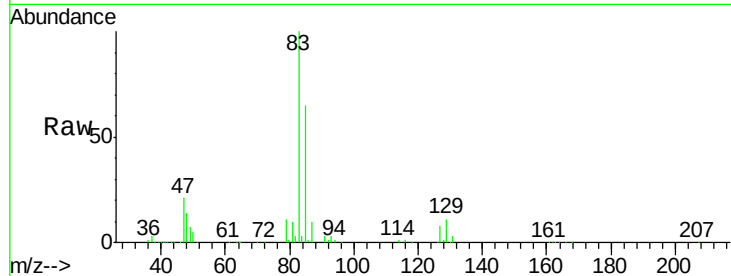
Tgt Ion: 83 Resp: 167359

Ion Ratio Lower Upper

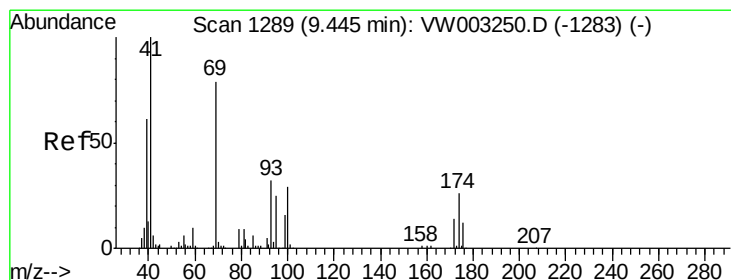
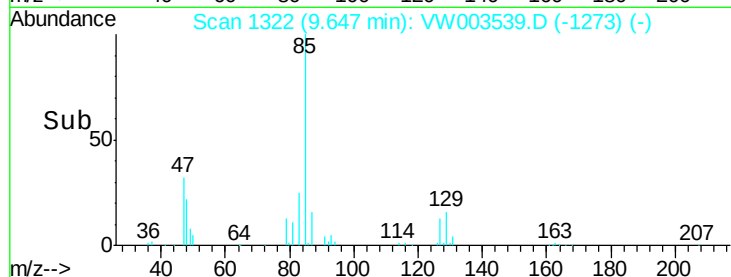
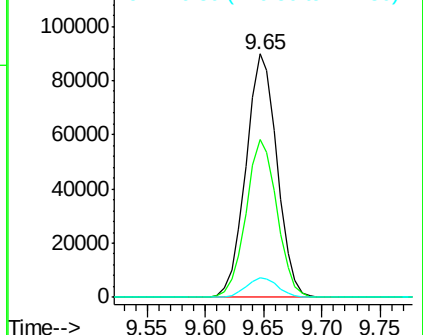
83 100

85 64.6 50.6 75.8

127 8.3 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: 58.943 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

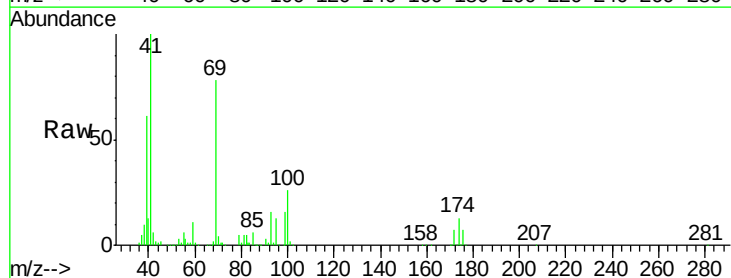
Tgt Ion: 41 Resp: 78124

Ion Ratio Lower Upper

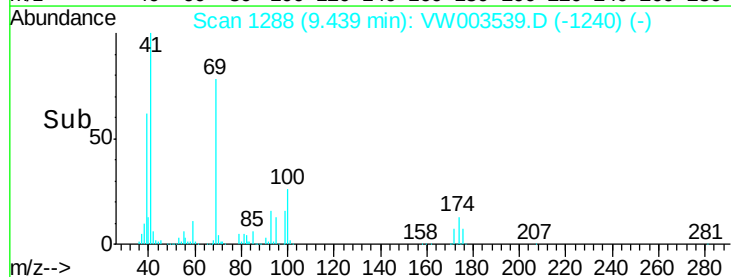
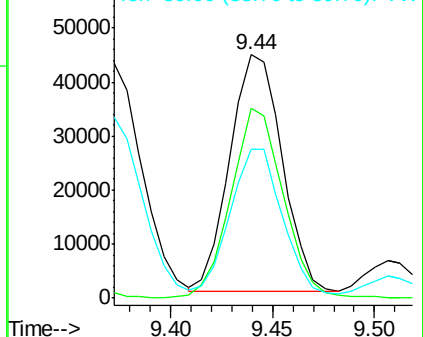
41 100

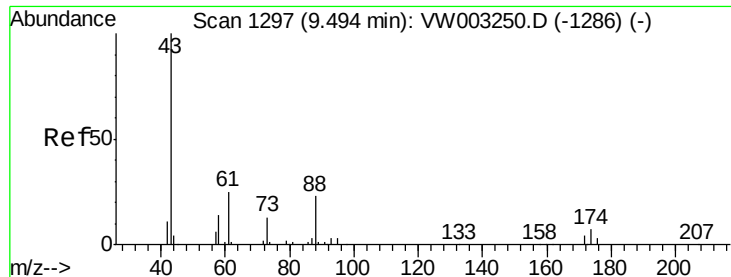
69 80.3 65.4 98.2

39 64.2 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

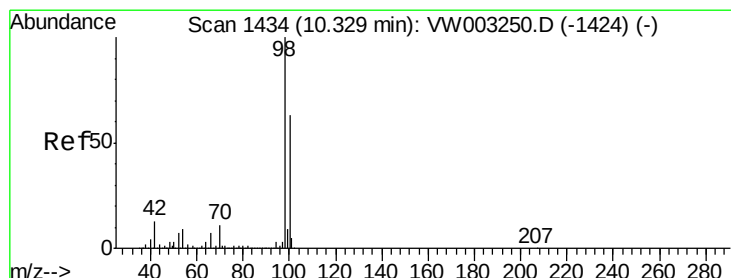
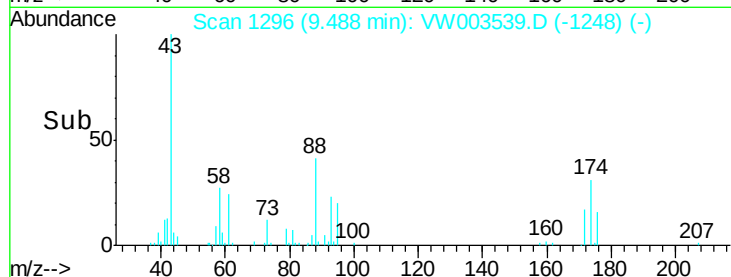
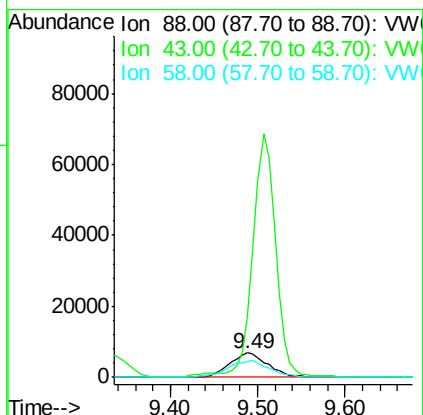
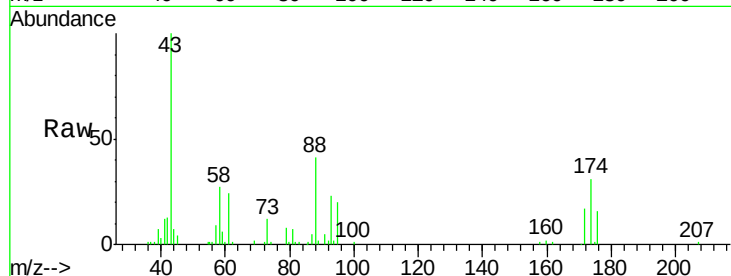




#49
 1,4-Dioxane
 Concen: 1129.460 ug/l
 RT: 9.49 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

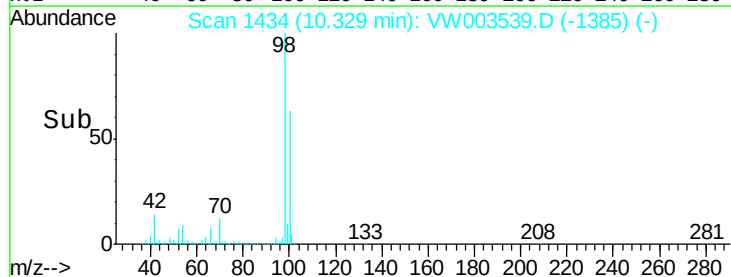
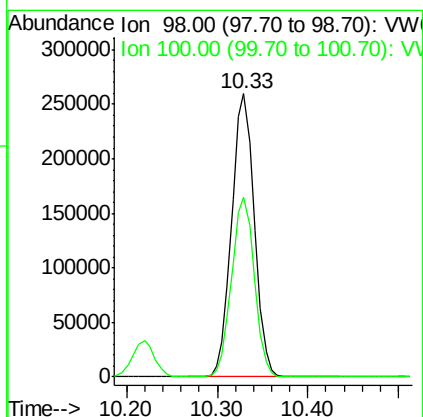
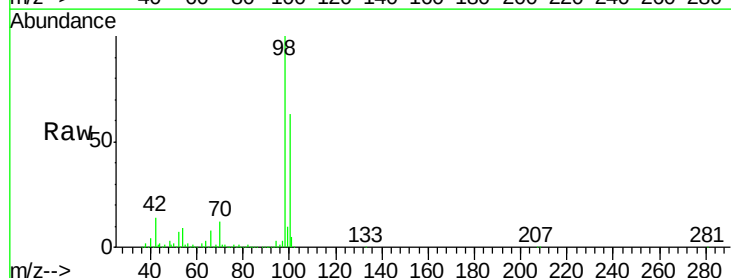
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

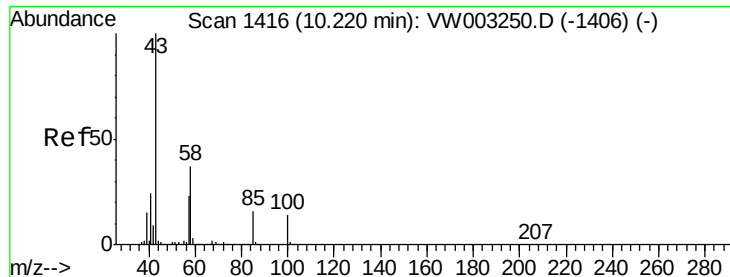
Tgt Ion: 88 Resp: 21009
 Ion Ratio Lower Upper
 88 100
 43 600.2 454.7 682.1
 58 74.9 58.6 88.0



#50
 Toluene-d8
 Concen: 51.492 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 98 Resp: 450408
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.8 76.2

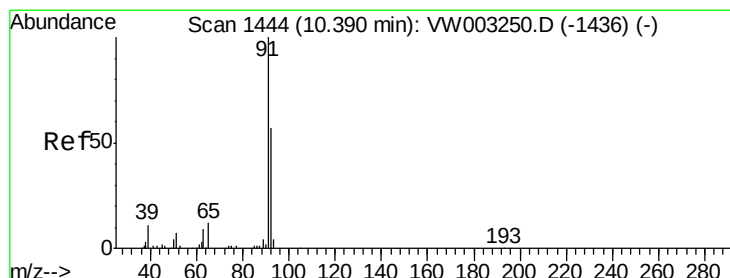
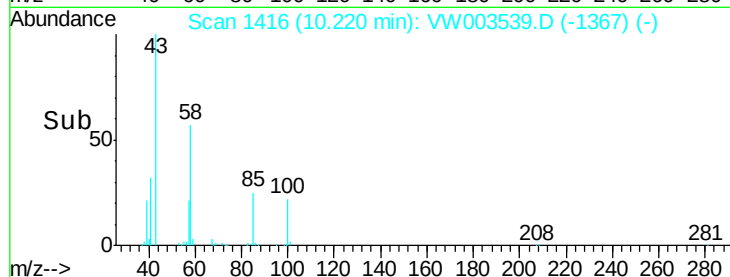
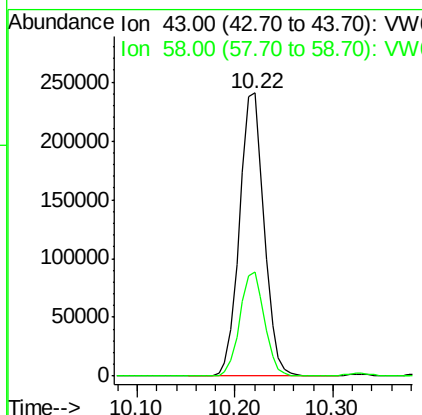
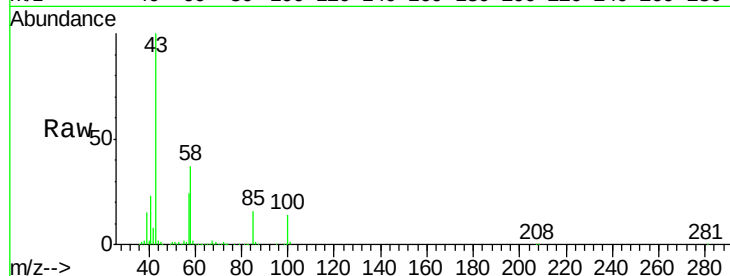




#51
 4-Methyl-2-Pentanone
 Concen: 292.883 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

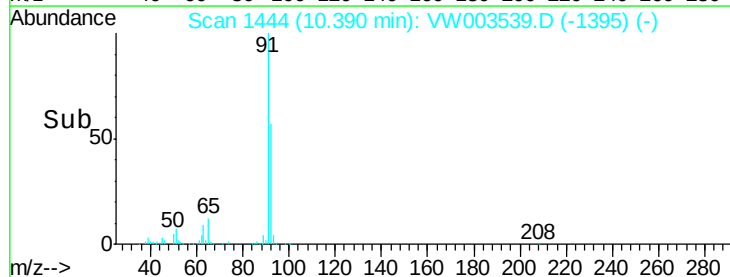
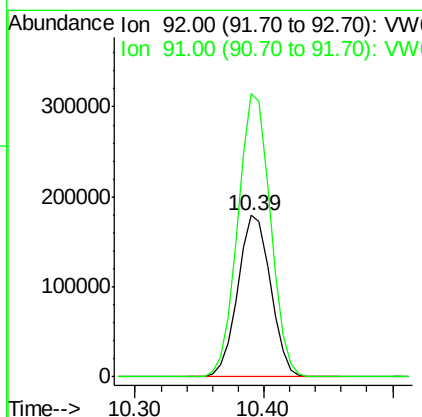
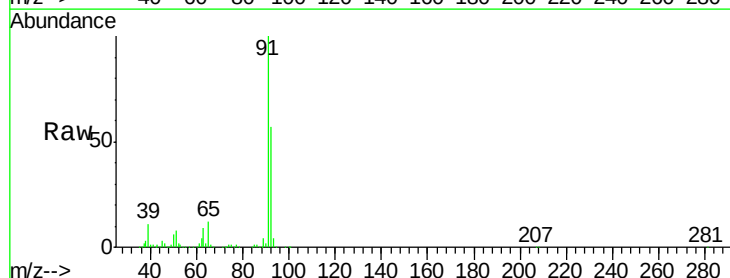
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

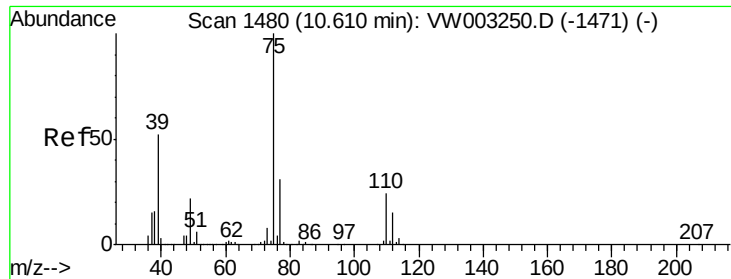
Tgt Ion: 43 Resp: 420901
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.0 43.4



#52
 Toluene
 Concen: 51.989 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 92 Resp: 315068
 Ion Ratio Lower Upper
 92 100
 91 174.5 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 50.741 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

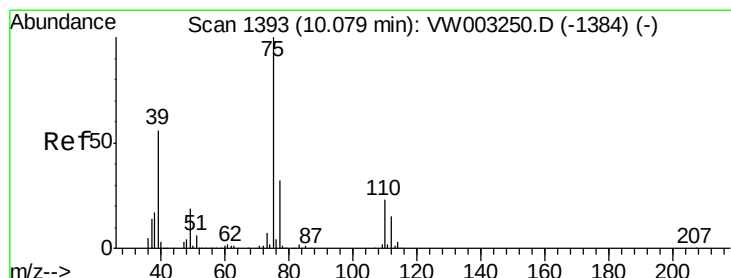
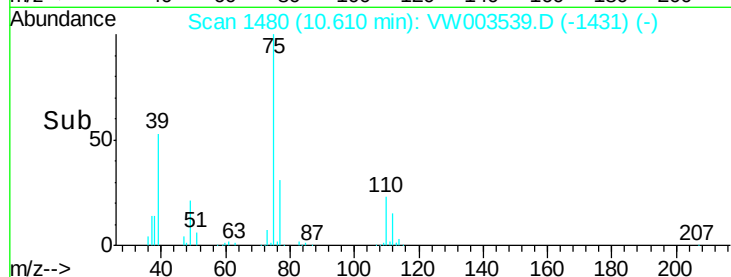
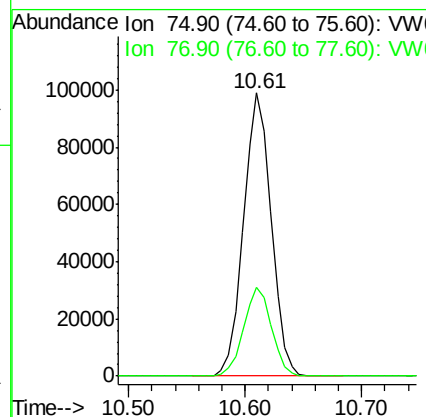
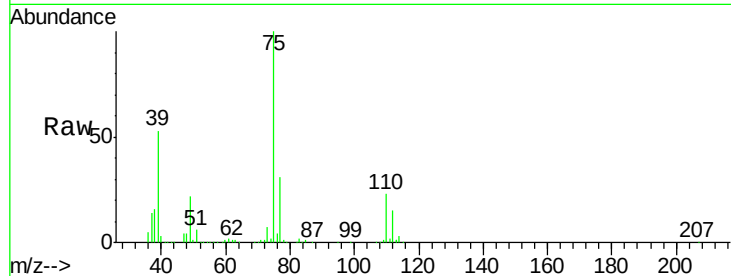
VSTDCCC050EC

Tgt Ion: 75 Resp: 163676

Ion Ratio Lower Upper

75 100

77 31.3 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 50.820 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

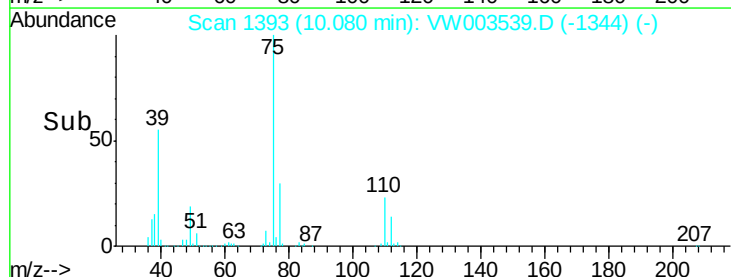
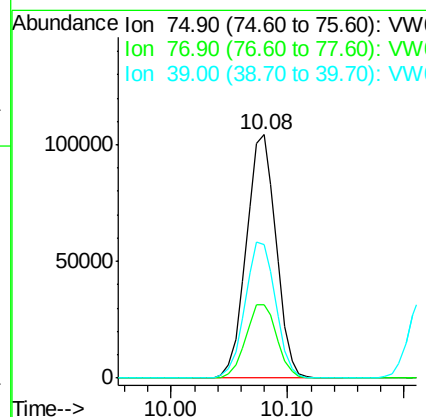
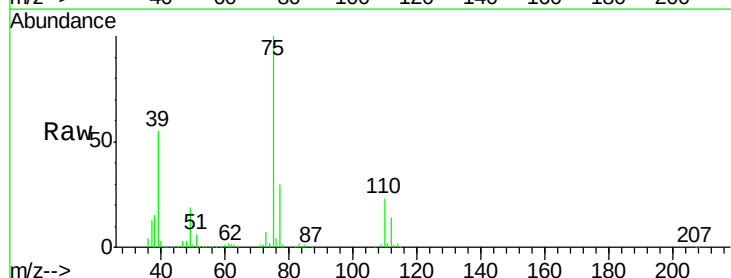
Tgt Ion: 75 Resp: 186581

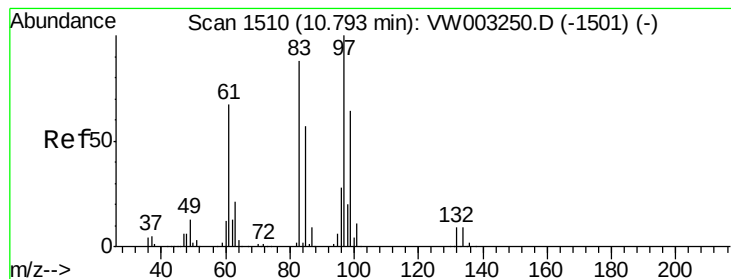
Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6

39 54.6 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 53.694 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 93211

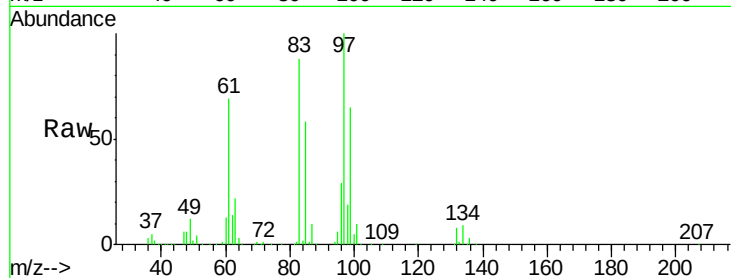
Ion Ratio Lower Upper

97 100

83 87.6 70.2 105.2

85 57.6 45.6 68.4

99 64.7 51.2 76.8

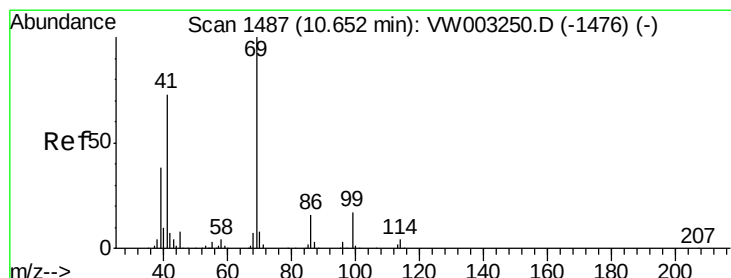
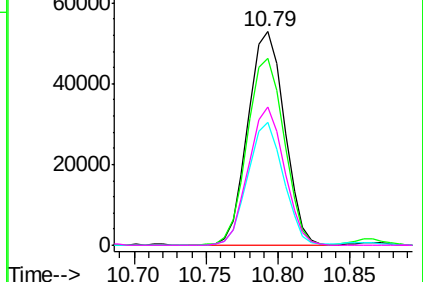
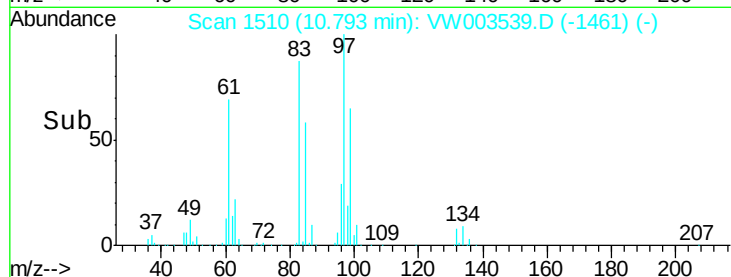


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 57.850 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

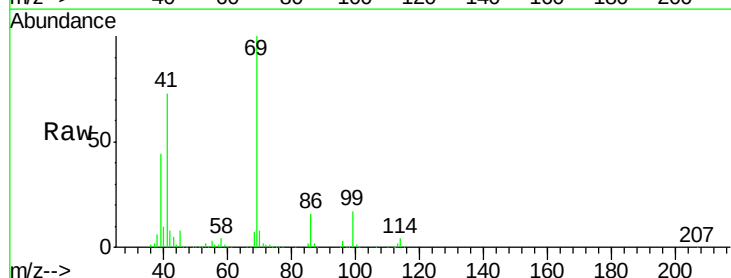
Tgt Ion: 69 Resp: 121950

Ion Ratio Lower Upper

69 100

41 73.8 57.8 86.6

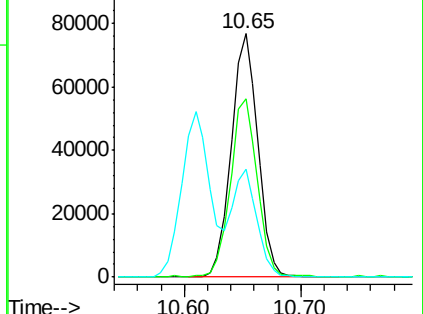
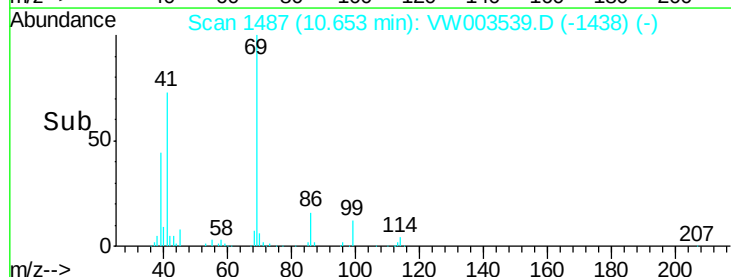
39 39.9 32.7 49.1

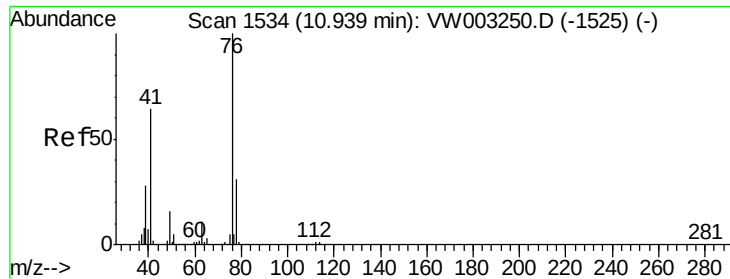


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

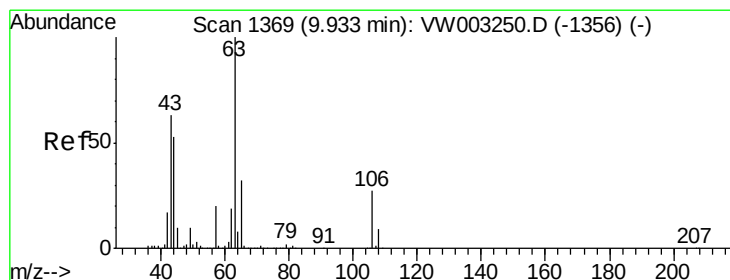
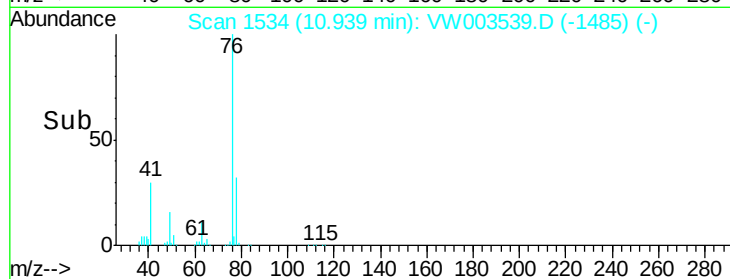
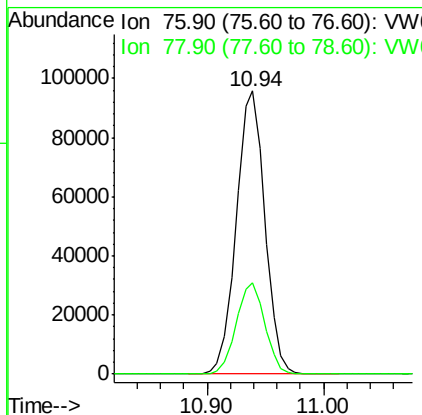
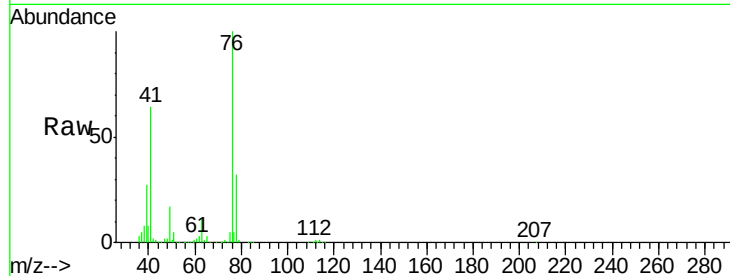




#57
 1,3-Dichloropropane
 Concen: 54.686 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

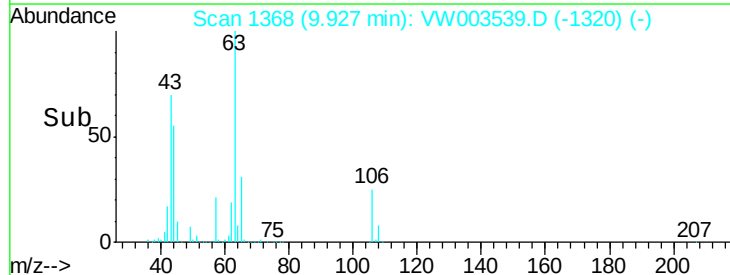
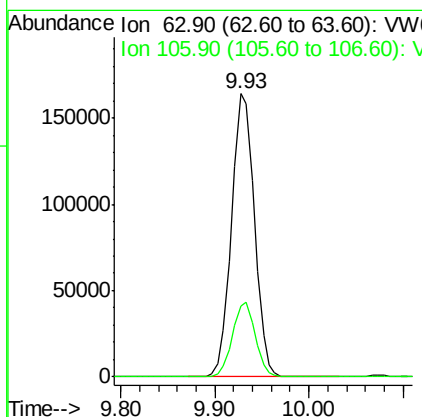
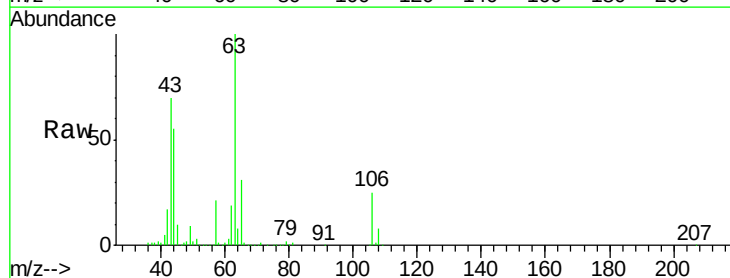
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

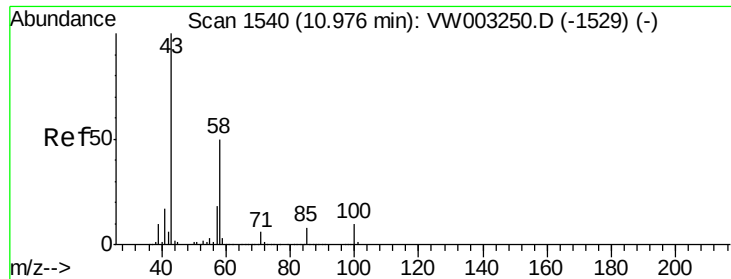
Tgt Ion: 76 Resp: 163732
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.489 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 63 Resp: 277346
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.8 32.8

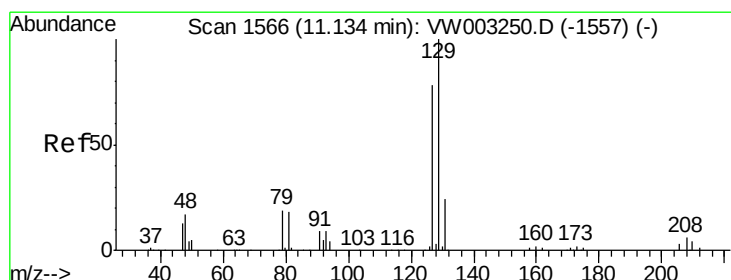
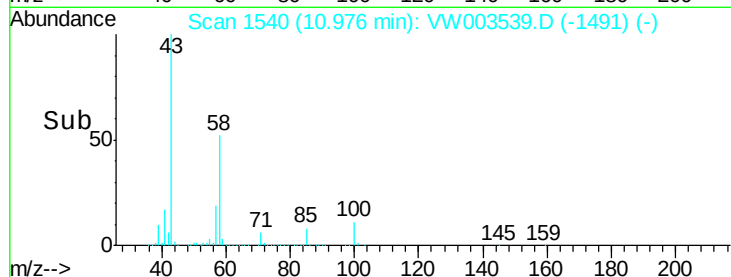
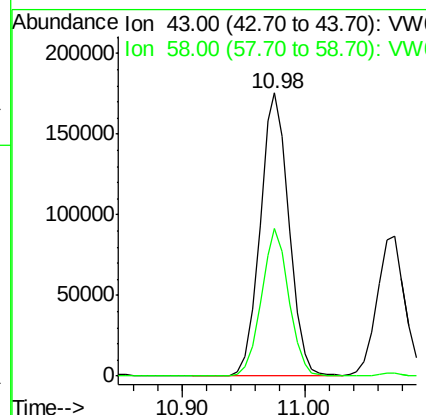
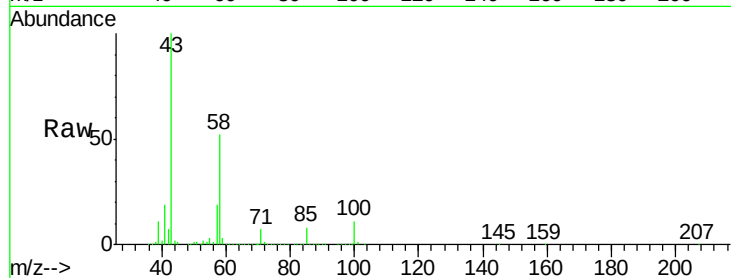




#59
2-Hexanone
Concen: 286.593 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

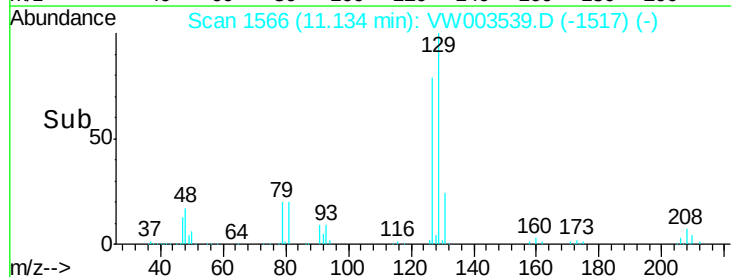
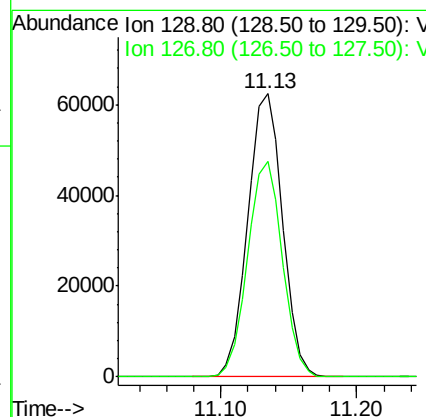
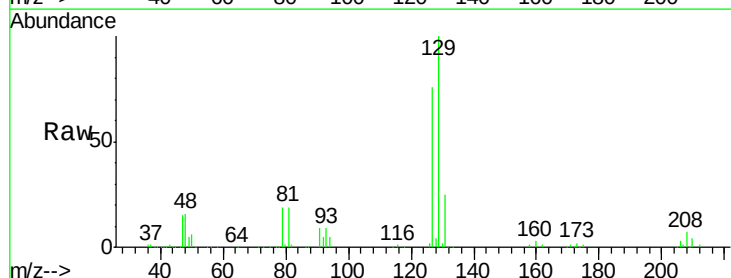
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

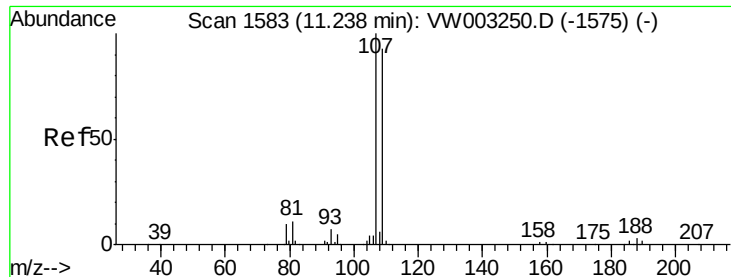
Tgt Ion: 43 Resp: 287722
Ion Ratio Lower Upper
43 100
58 49.8 25.0 75.0



#60
Dibromochloromethane
Concen: 54.241 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 129 Resp: 111978
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.5

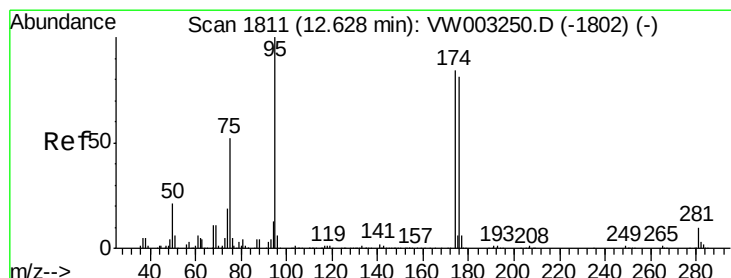
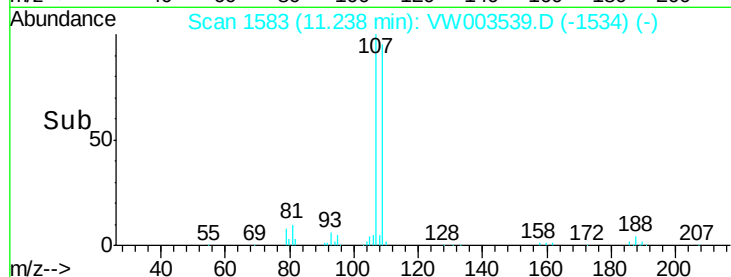
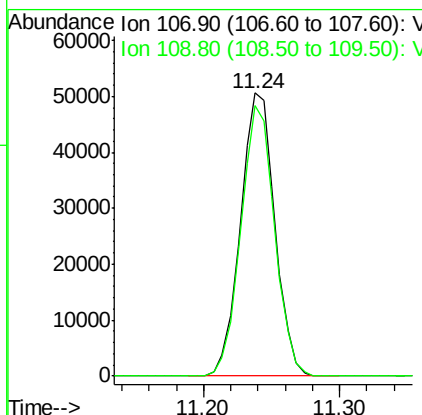
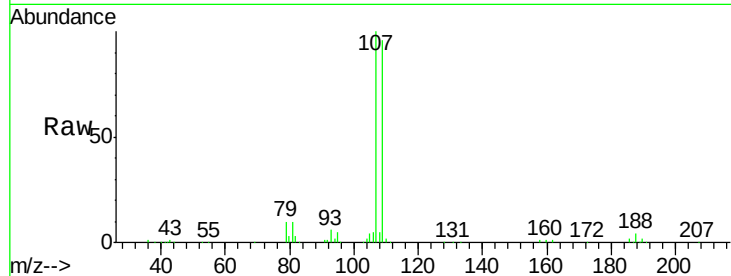




#61
 1,2-Dibromoethane
 Concen: 54.188 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

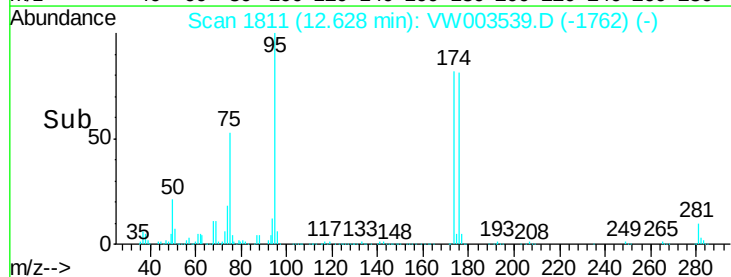
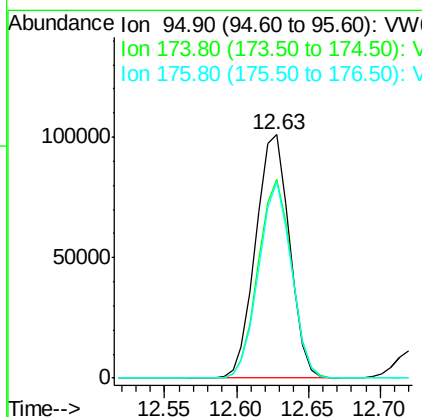
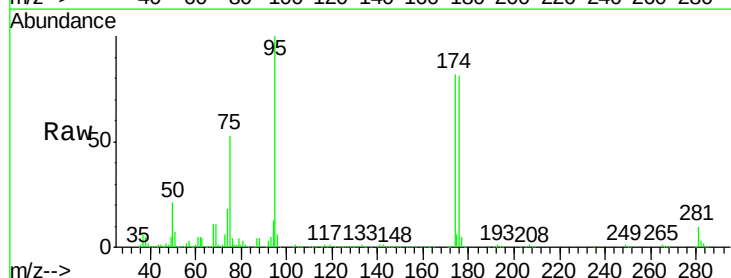
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

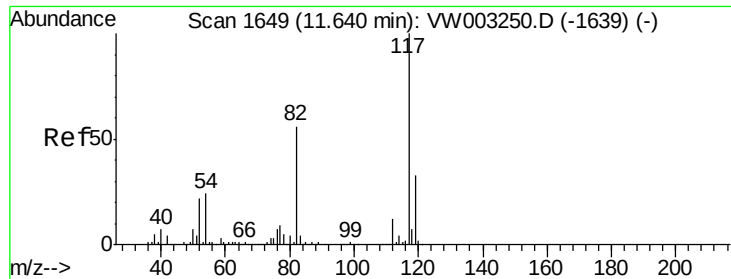
Tgt Ion: 107 Resp: 88981
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 52.930 ug/l
 RT: 12.63 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 95 Resp: 163846
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 166.4
 176 77.7 0.0 162.0

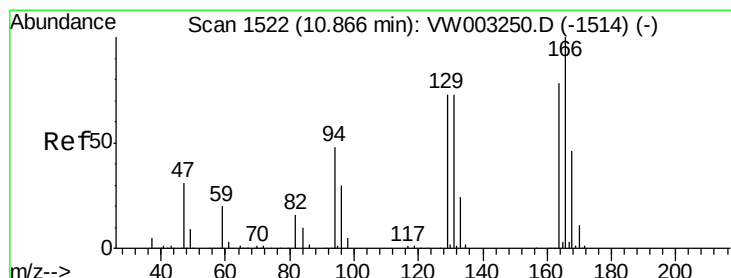
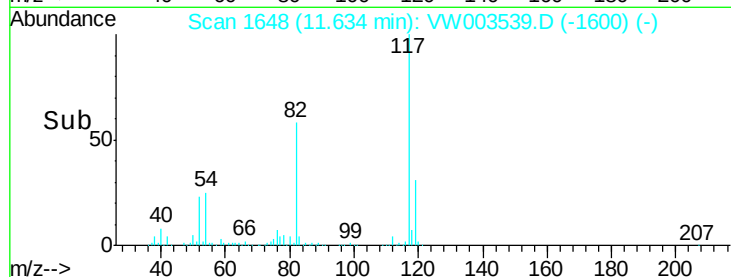
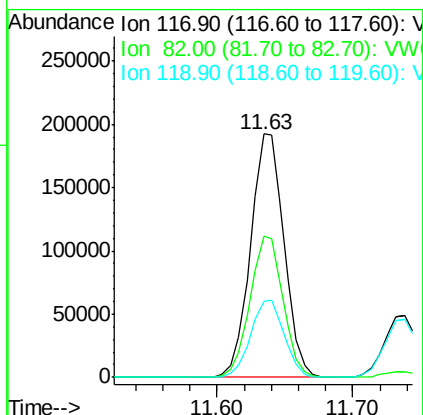
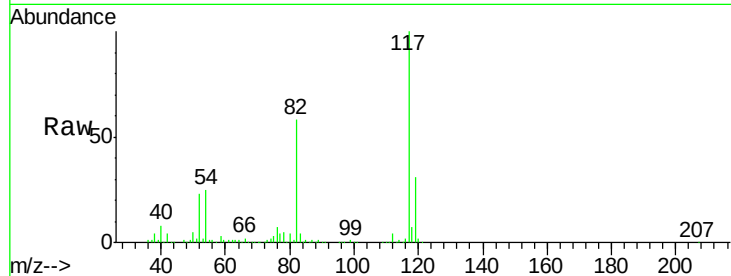




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

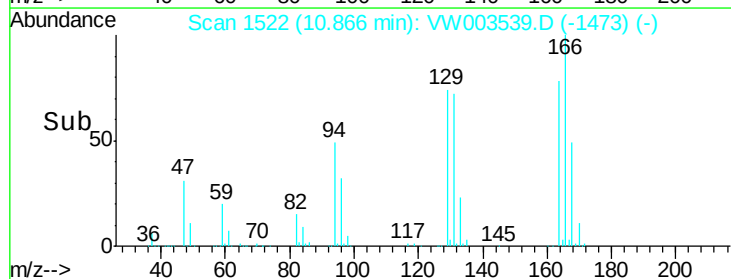
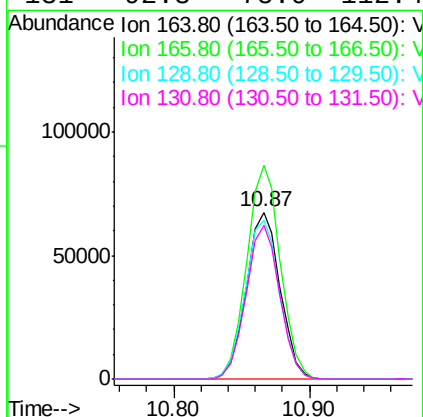
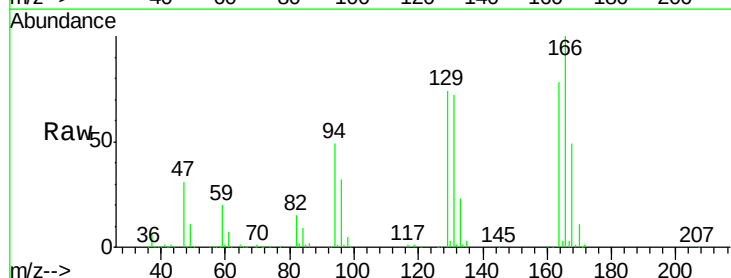
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

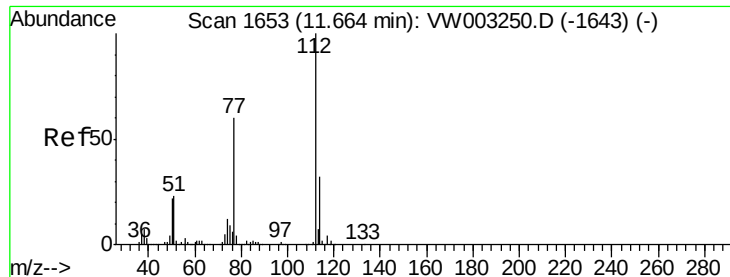
Tgt Ion:117 Resp: 331499
Ion Ratio Lower Upper
117 100
82 58.2 44.6 67.0
119 31.2 26.7 40.1



#64
Tetrachloroethene
Concen: 52.995 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion:164 Resp: 117503
Ion Ratio Lower Upper
164 100
166 128.0 102.6 154.0
129 94.9 75.2 112.8
131 92.3 75.0 112.4





#65

Chlorobenzene

Concen: 50.064 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

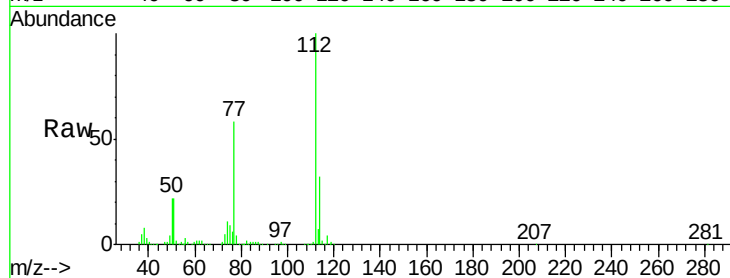
VSTDCCC050EC

Tgt Ion:112 Resp: 345603

Ion Ratio Lower Upper

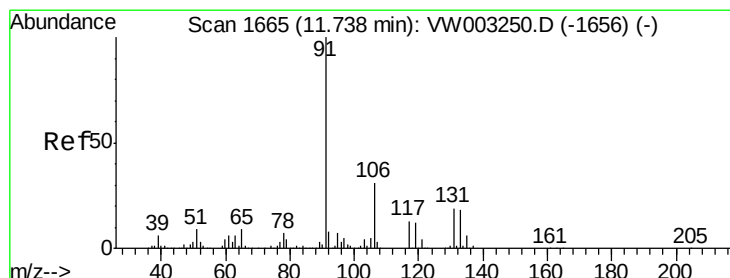
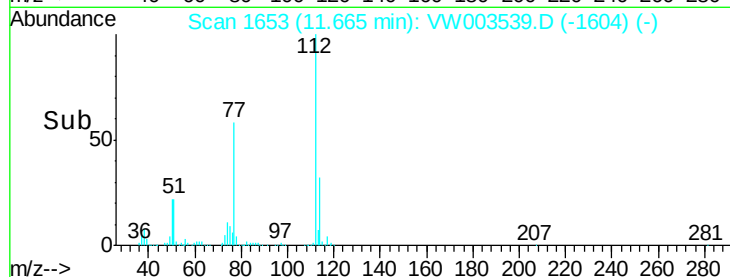
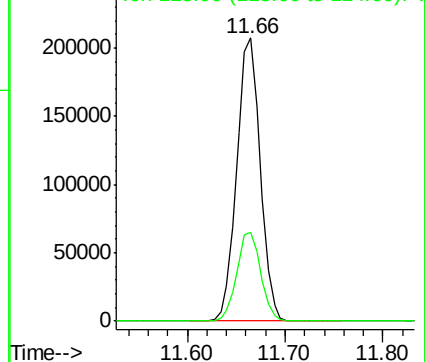
112 100

114 31.6 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: 50.851 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

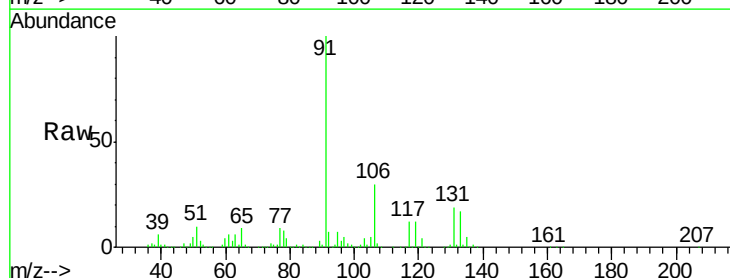
Tgt Ion:131 Resp: 123360

Ion Ratio Lower Upper

131 100

133 94.6 47.3 142.0

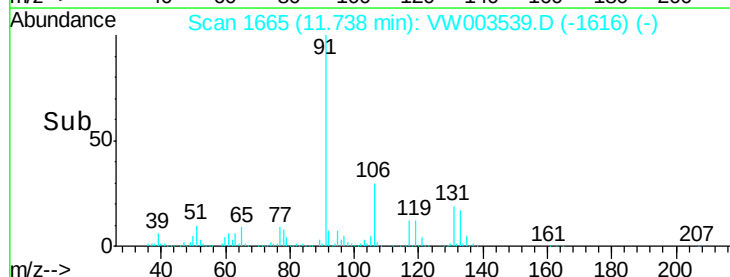
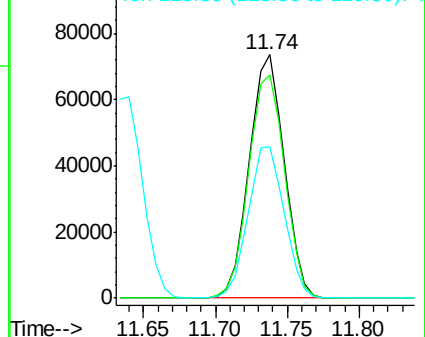
119 64.4 32.5 97.4

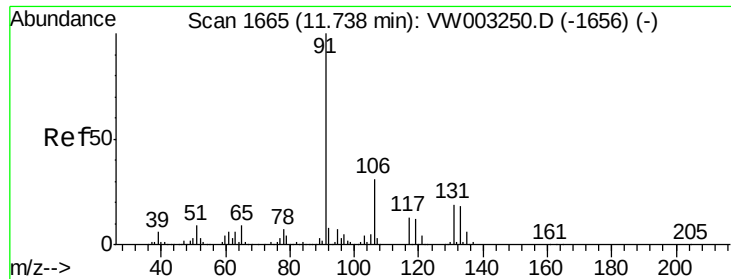


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

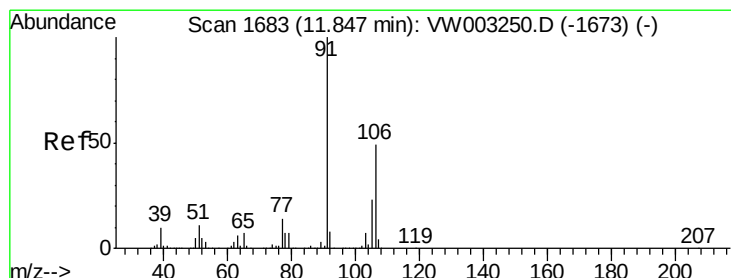
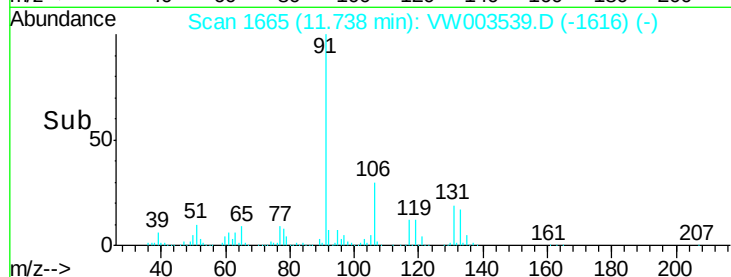
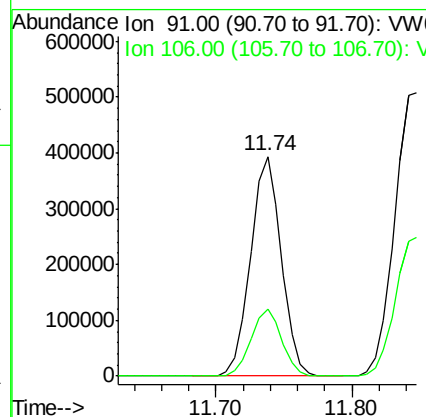
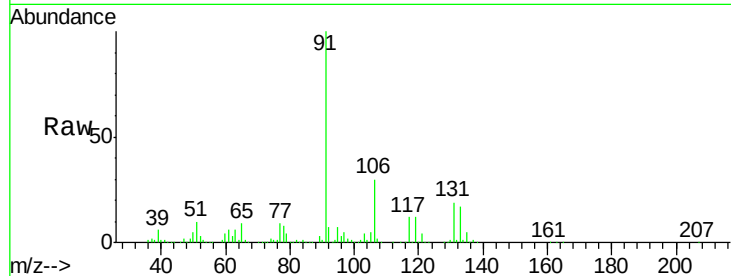




#67
Ethyl Benzene
Concen: 50.848 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

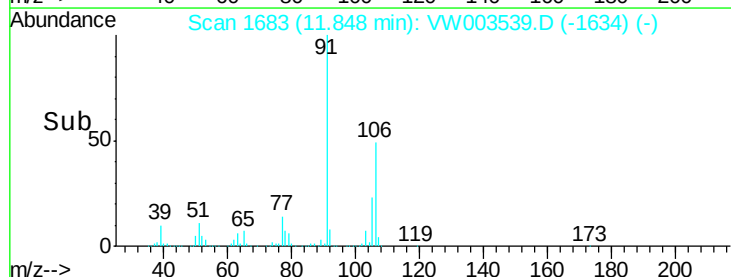
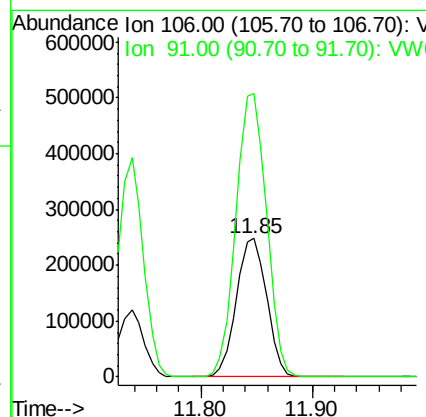
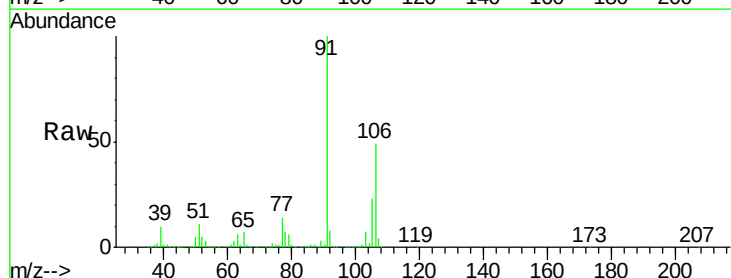
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

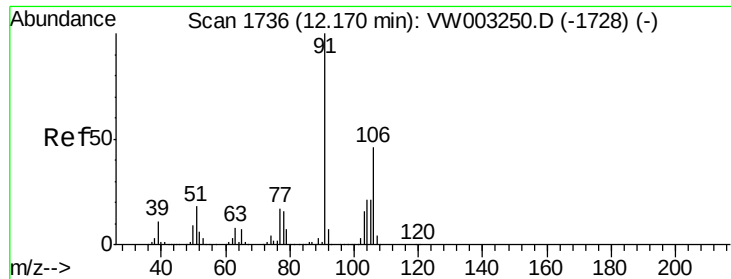
Tgt Ion: 91 Resp: 622212
Ion Ratio Lower Upper
91 100
106 30.4 24.7 37.1



#68
m/p-Xylenes
Concen: 100.652 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion: 106 Resp: 468196
Ion Ratio Lower Upper
106 100
91 206.5 165.4 248.0

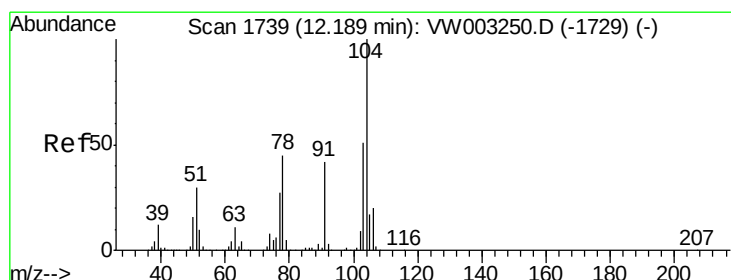
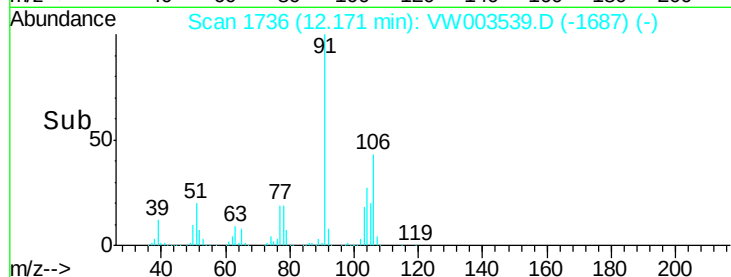
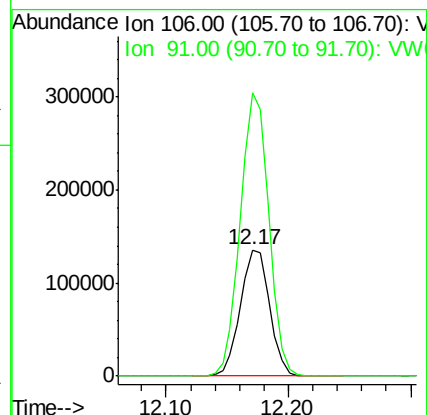
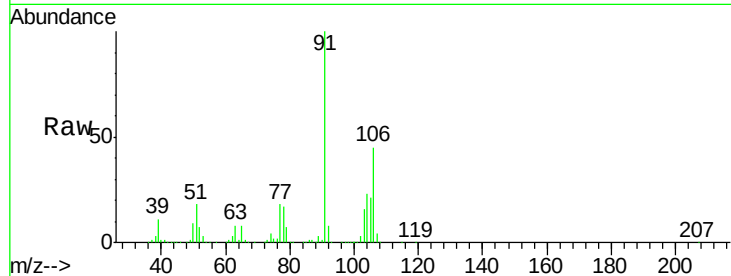




#69
o-Xylene
Concen: 51.858 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

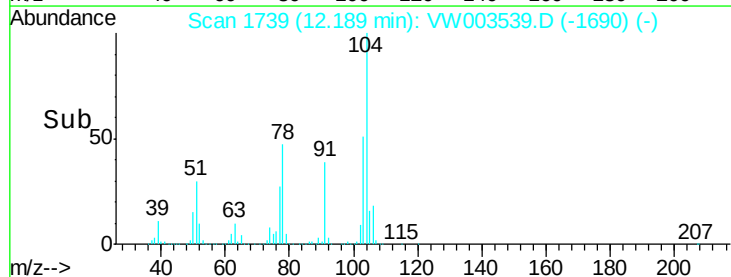
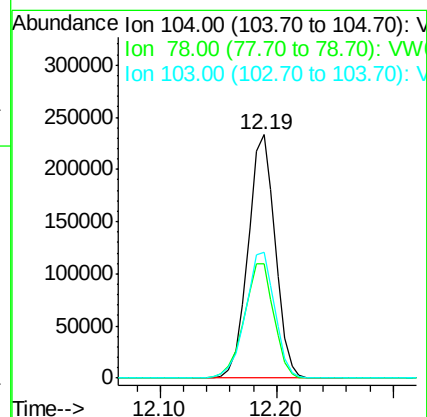
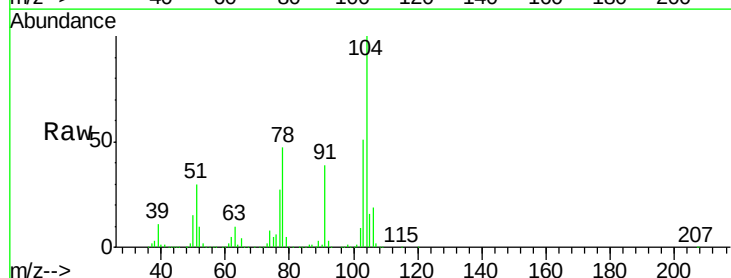
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

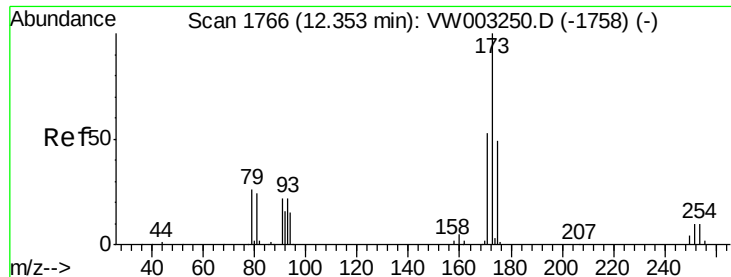
Tgt Ion:106 Resp: 223560
Ion Ratio Lower Upper
106 100
91 219.4 108.6 325.6



#70
Styrene
Concen: 52.725 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion:104 Resp: 378337
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 55.7 45.0 67.4





#71

Bromoform

Concen: 52.424 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

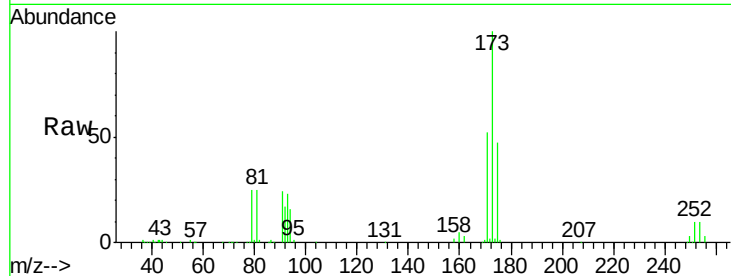
Tgt Ion:173 Resp: 65911

Ion Ratio Lower Upper

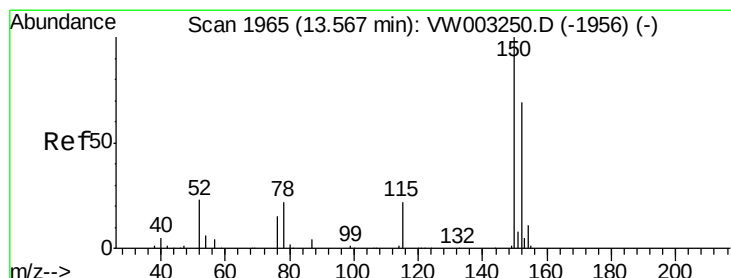
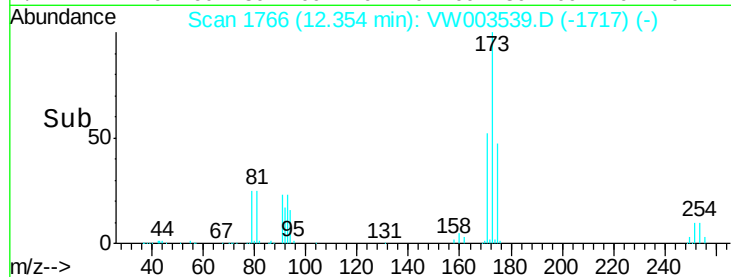
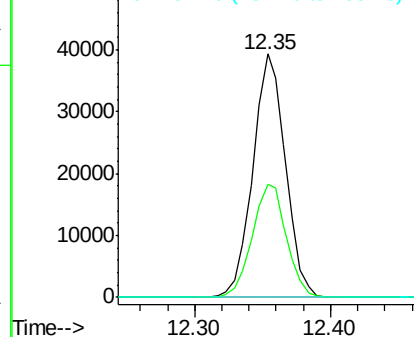
173 100

175 48.6 24.4 73.4

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

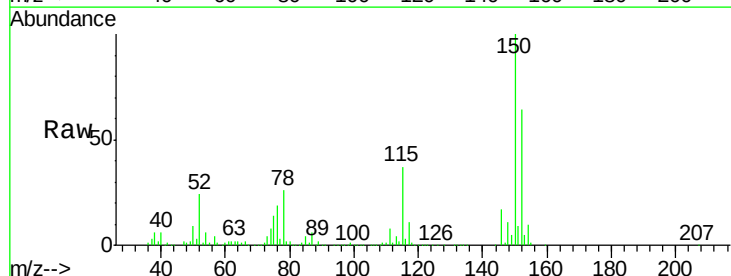
Tgt Ion:152 Resp: 174742

Ion Ratio Lower Upper

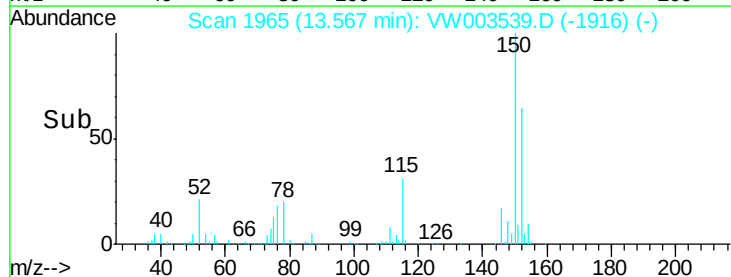
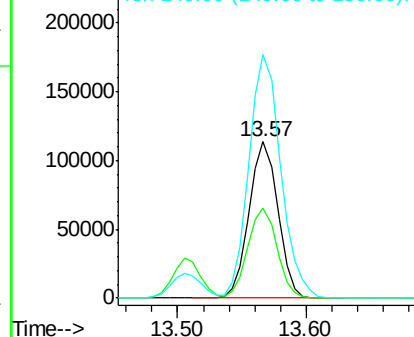
152 100

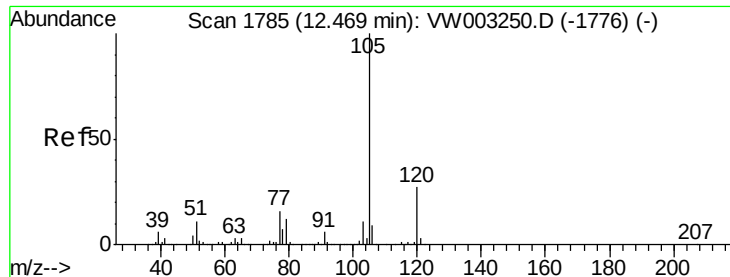
115 58.3 29.3 88.0

150 172.9 0.0 349.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.803 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

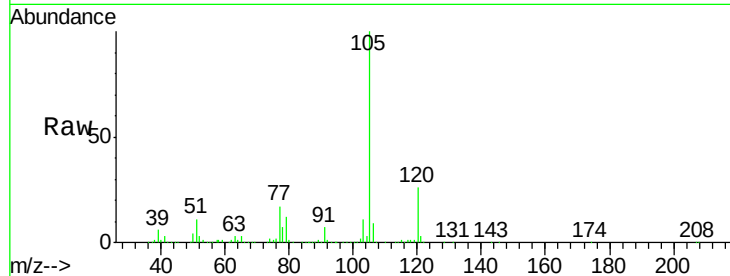
VSTDCCC050EC

Tgt Ion:105 Resp: 617466

Ion Ratio Lower Upper

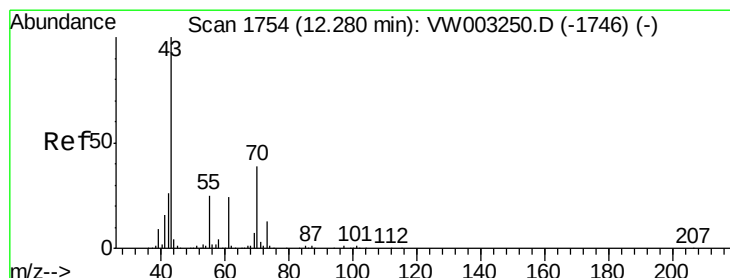
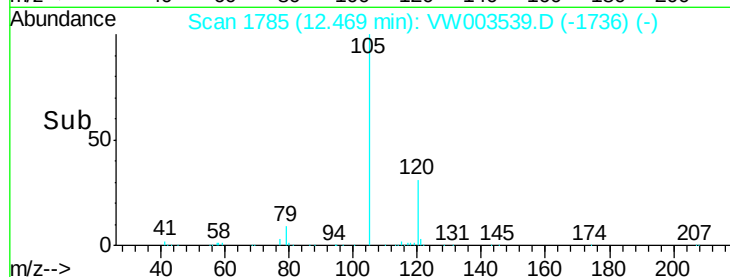
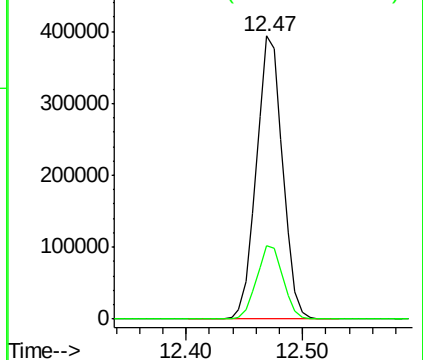
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 56.777 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Tgt Ion: 43 Resp: 157069

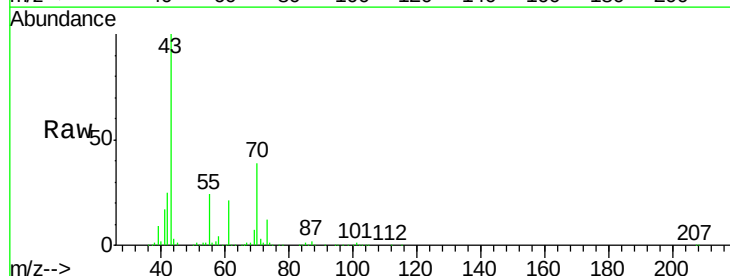
Ion Ratio Lower Upper

43 100

70 38.5 31.0 46.6

55 24.4 19.7 29.5

61 22.1 18.1 27.1

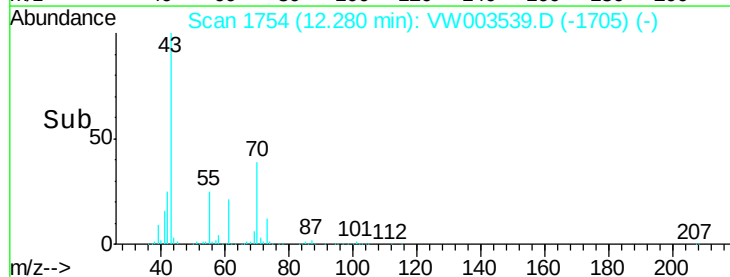
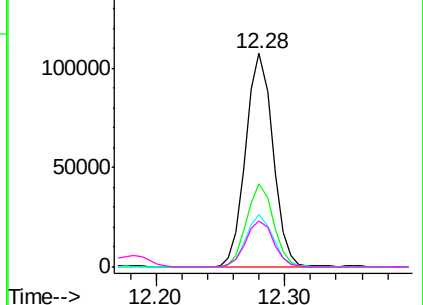


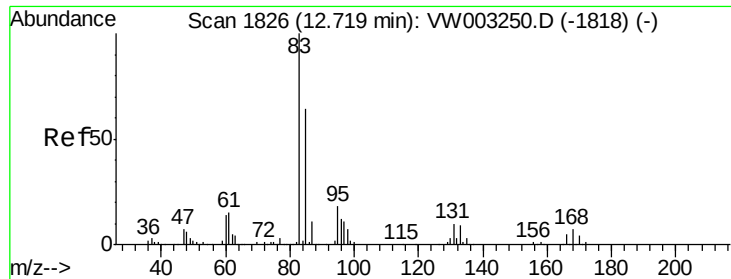
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 55.204 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

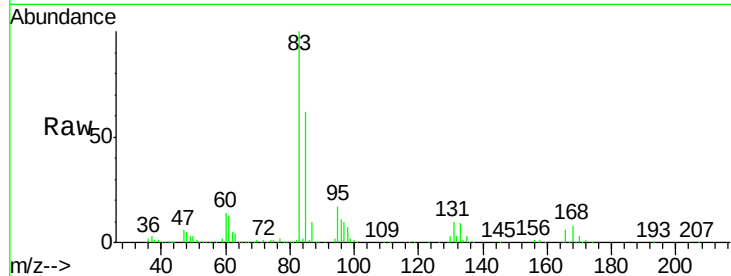
Tgt Ion: 83 Resp: 113510

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

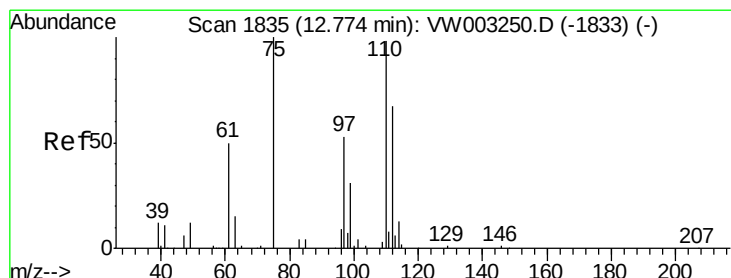
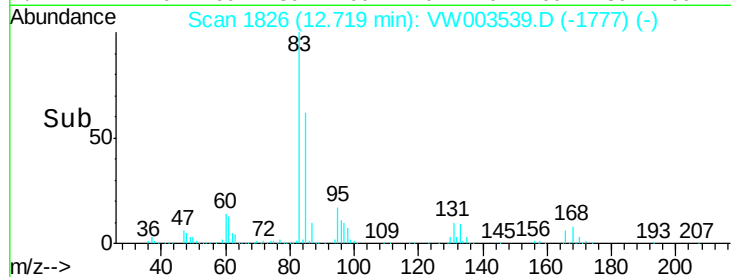
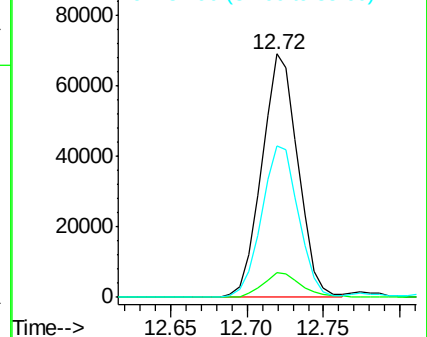
85 63.4 31.9 95.7



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: 99.403 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003539.D

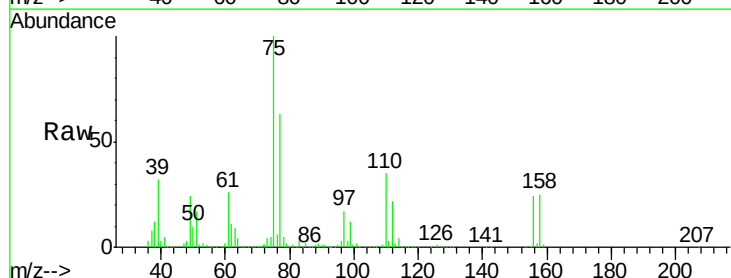
Acq: 25 Jun 2018 05:43

Tgt Ion: 75 Resp: 148492

Ion Ratio Lower Upper

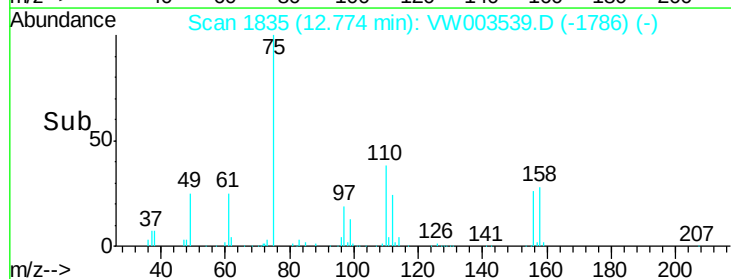
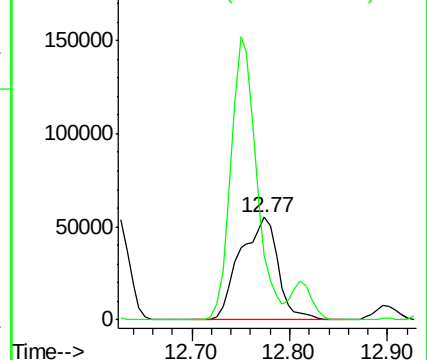
75 100

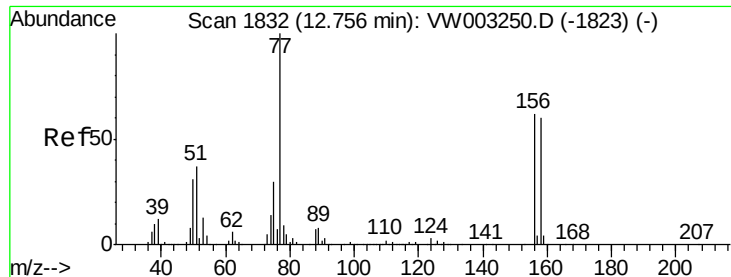
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.708 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

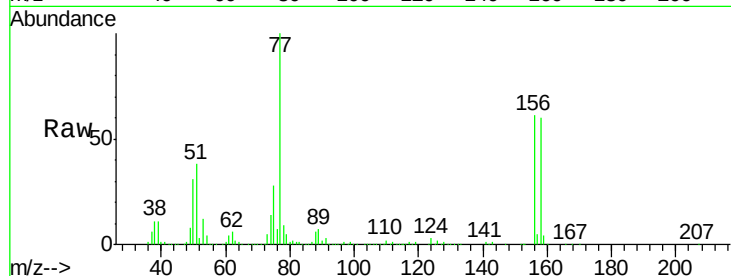
Tgt Ion:156 Resp: 143532

Ion Ratio Lower Upper

156 100

77 192.9 92.3 276.9

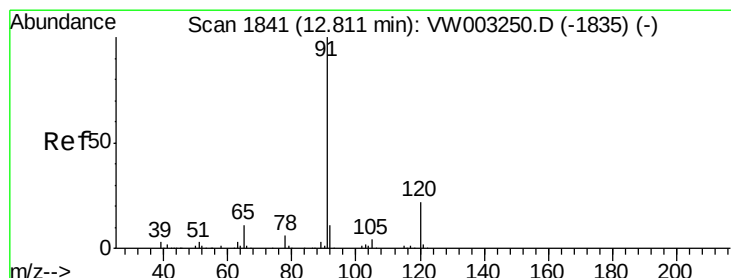
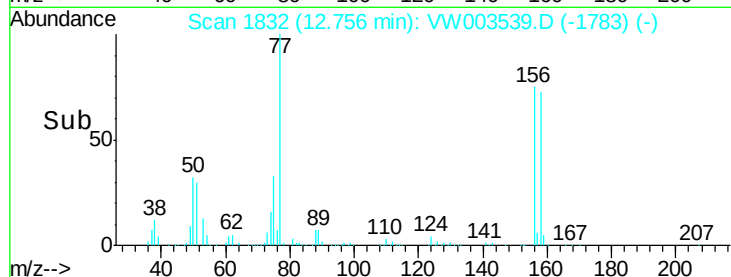
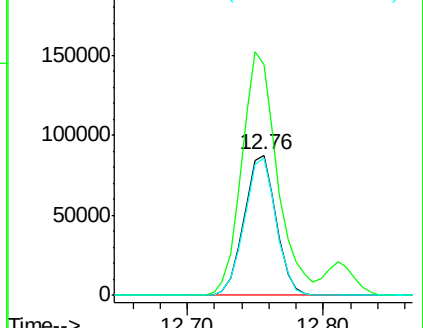
158 97.3 47.5 142.6



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: 50.562 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003539.D

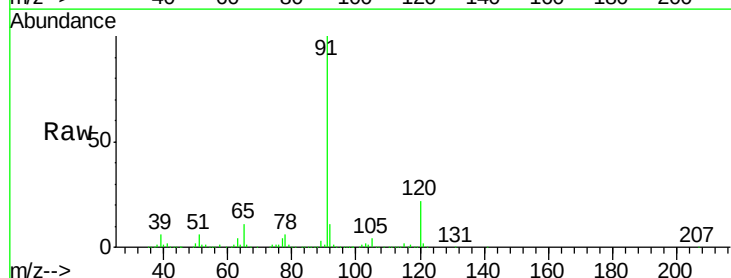
Acq: 25 Jun 2018 05:43

Tgt Ion: 91 Resp: 752478

Ion Ratio Lower Upper

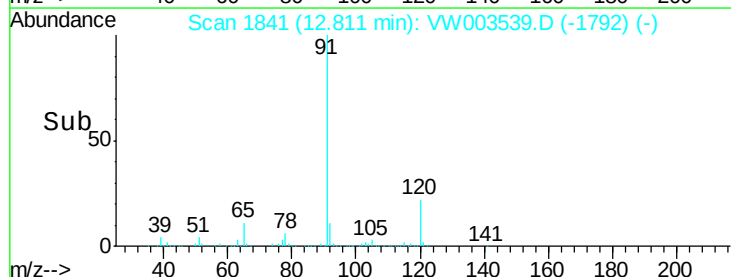
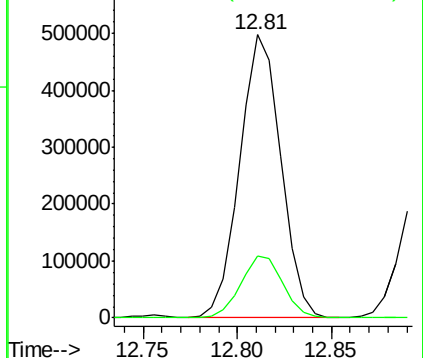
91 100

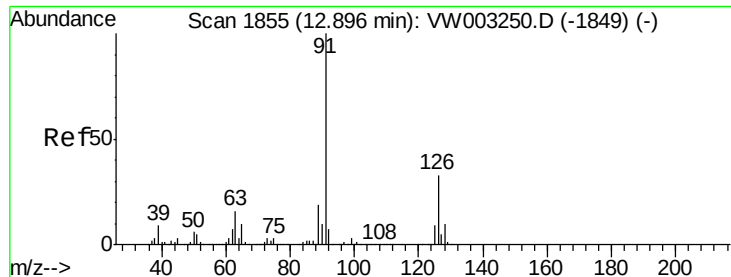
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

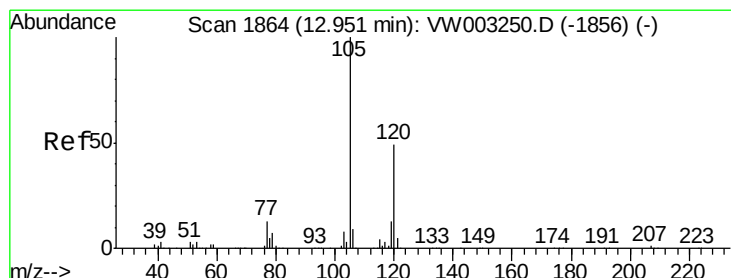
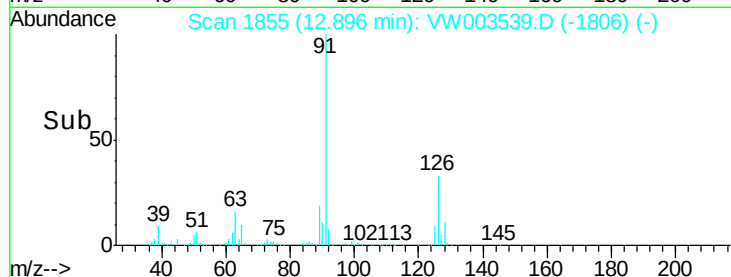
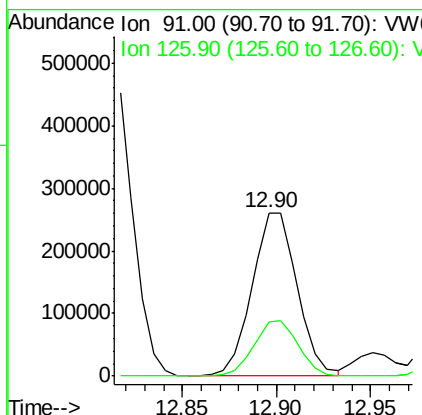
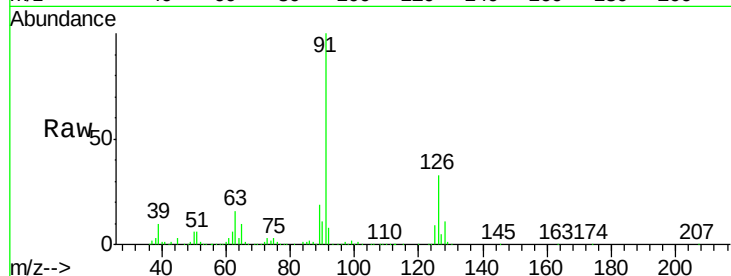




#79
 2-Chlorotoluene
 Concen: 51.450 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

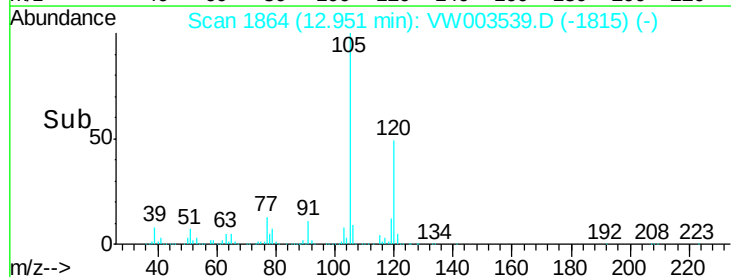
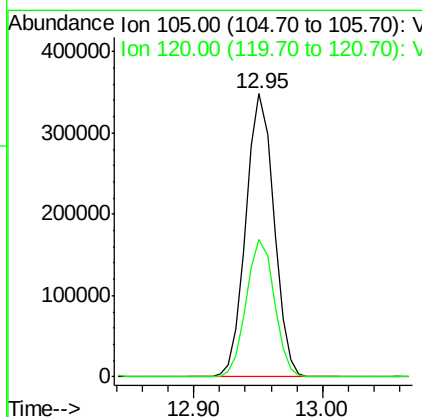
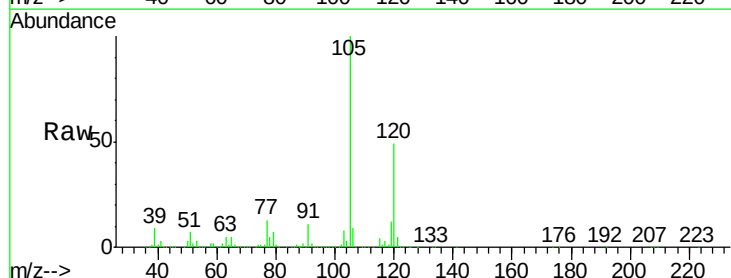
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

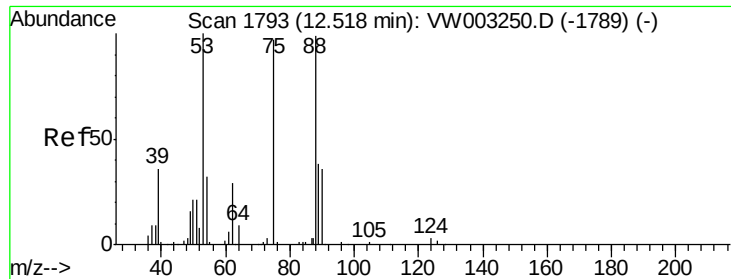
Tgt Ion: 91 Resp: 432712
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 51.265 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 105 Resp: 522997
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 49.090 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

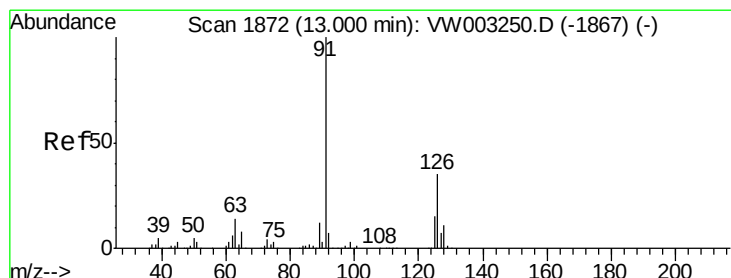
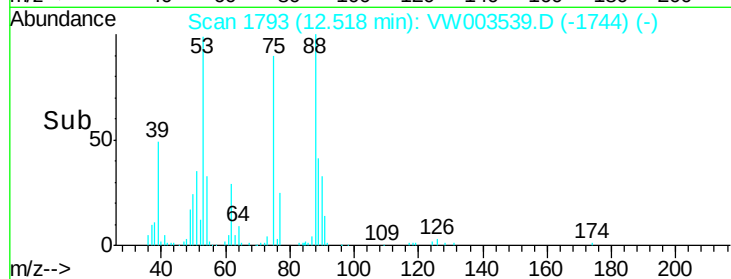
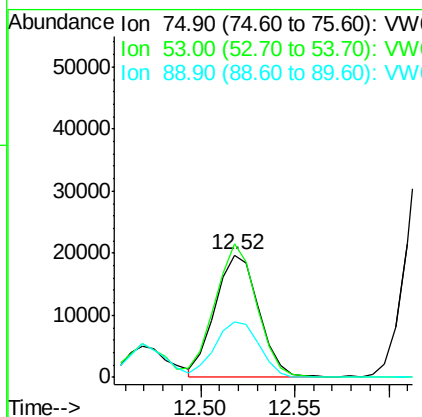
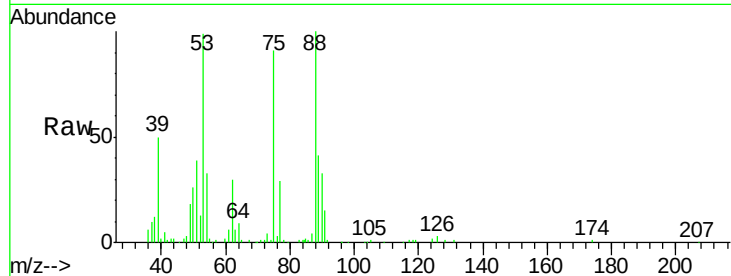
Tgt Ion: 75 Resp: 31869

Ion Ratio Lower Upper

75 100

53 105.1 82.9 124.3

89 45.9 36.7 55.1



#82

4-Chlorotoluene

Concen: 50.738 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003539.D

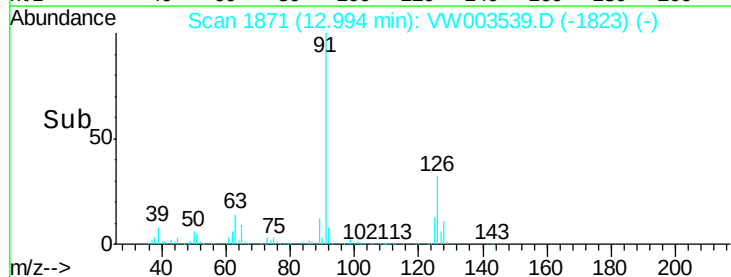
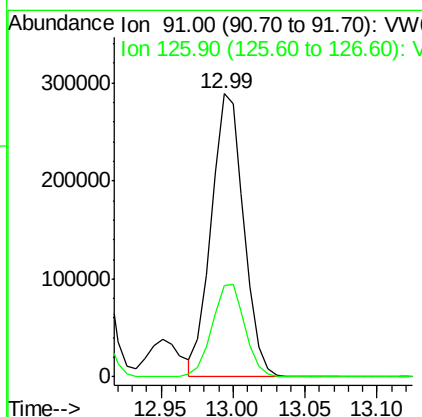
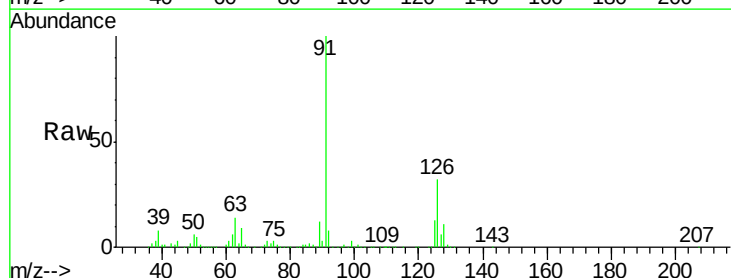
Acq: 25 Jun 2018 05:43

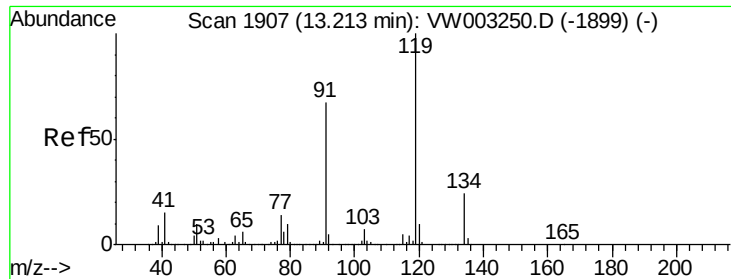
Tgt Ion: 91 Resp: 452678

Ion Ratio Lower Upper

91 100

126 33.3 16.8 50.3

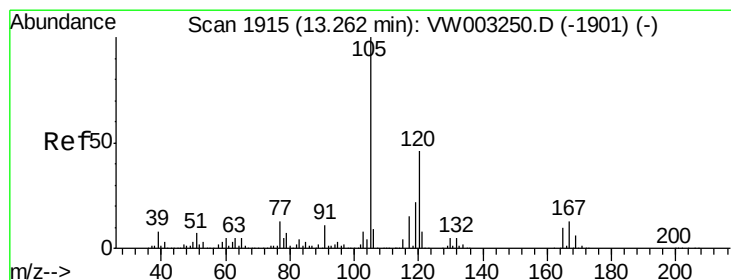
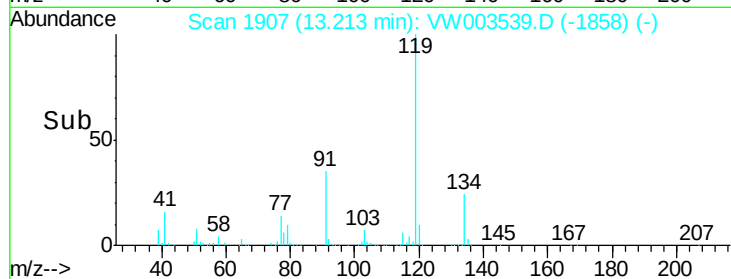
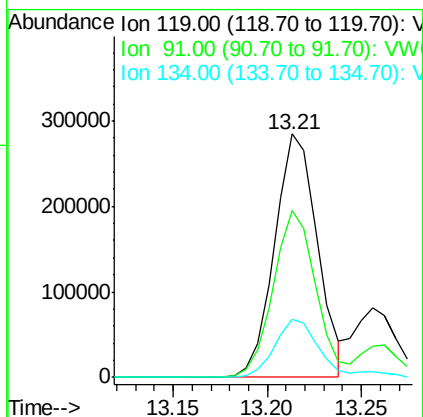
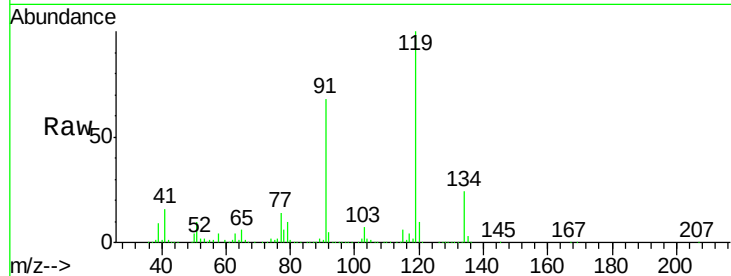




#83
 tert-Butylbenzene
 Concen: 51.435 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

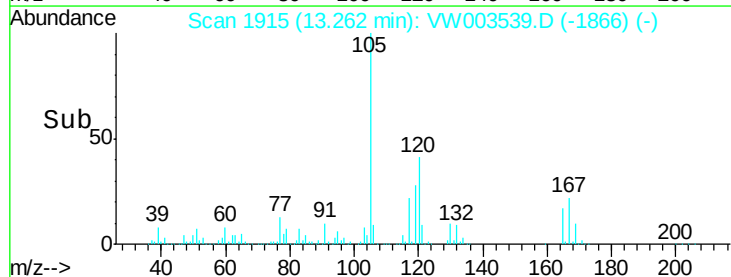
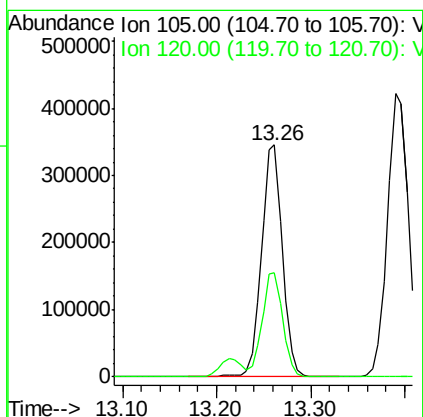
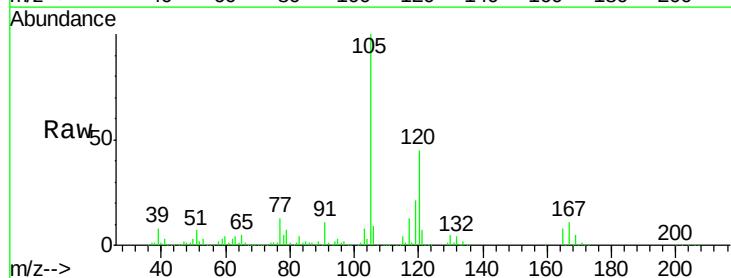
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

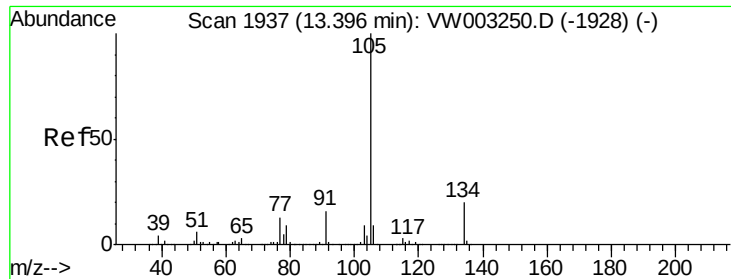
Tgt Ion:119 Resp: 447190
 Ion Ratio Lower Upper
 119 100
 91 68.7 33.9 101.7
 134 25.8 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.457 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion:105 Resp: 539996
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.5 67.5

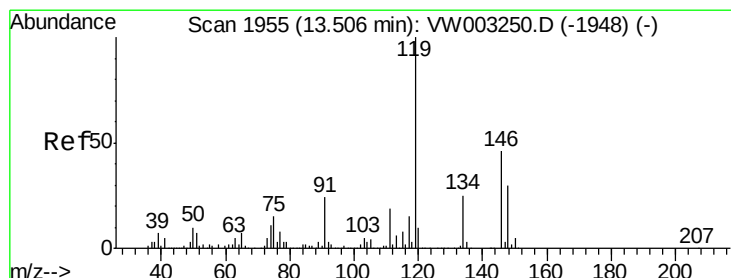
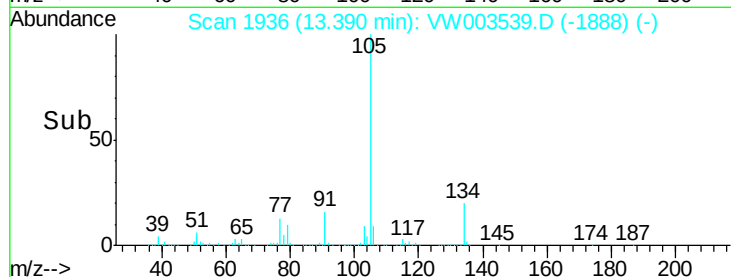
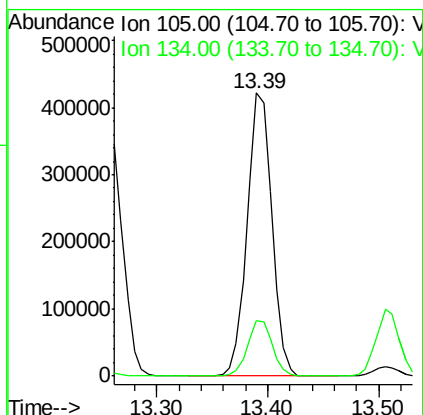
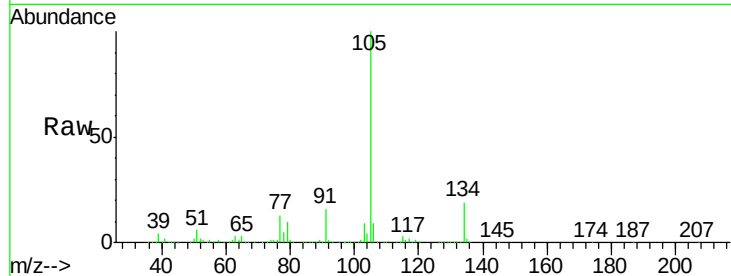




#85
 sec-Butylbenzene
 Concen: 50.483 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

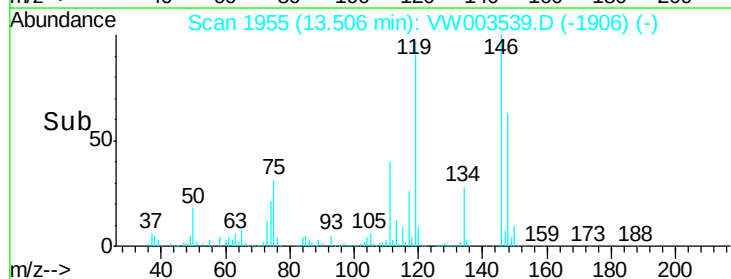
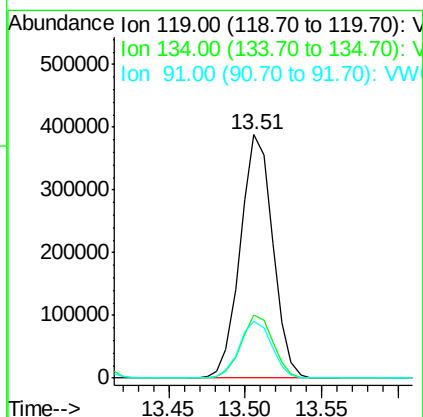
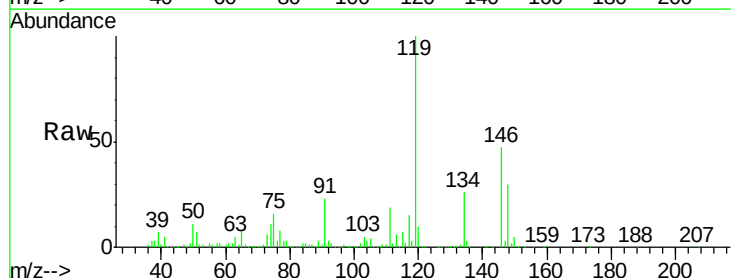
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

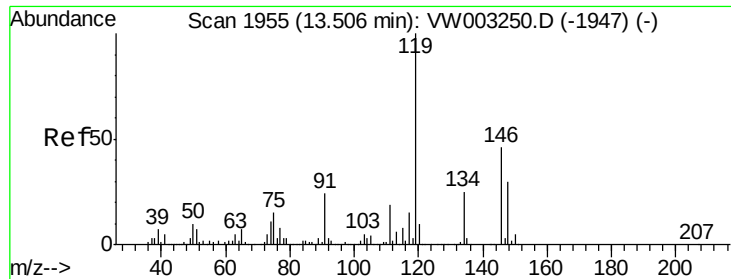
Tgt Ion:105 Resp: 652391
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.121 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion:119 Resp: 571286
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 23.7 11.8 35.3

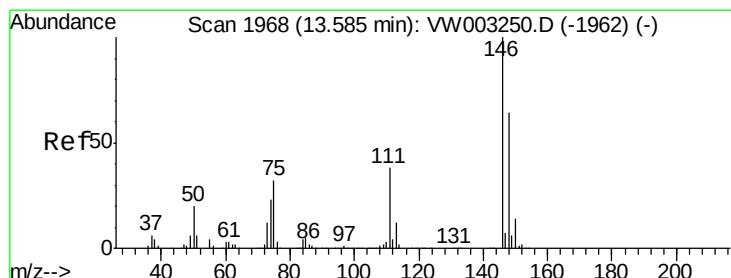
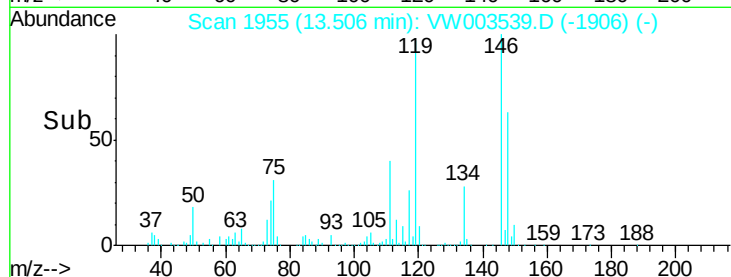
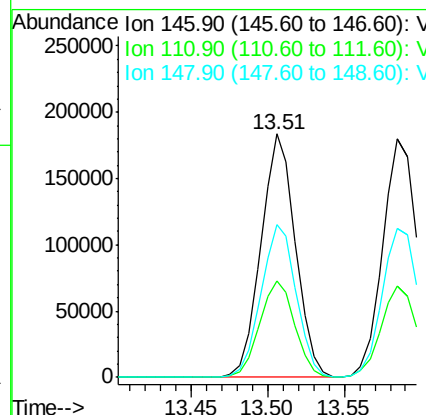
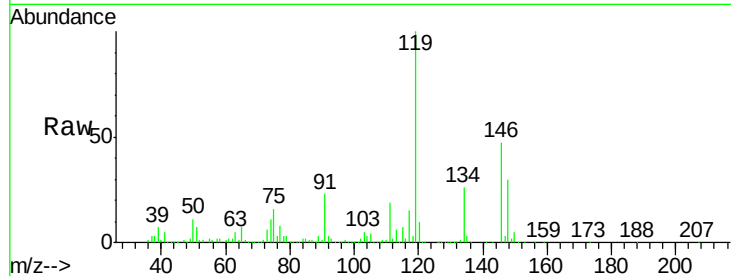




#87
 1,3-Dichlorobenzene
 Concen: 49.548 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

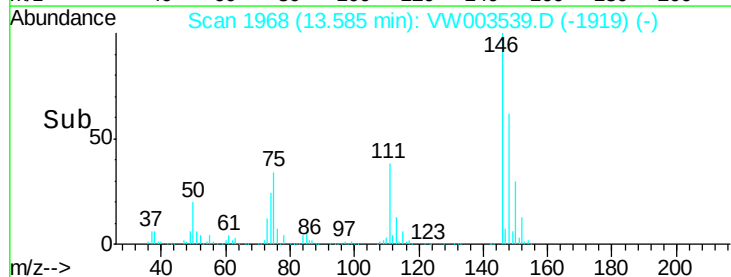
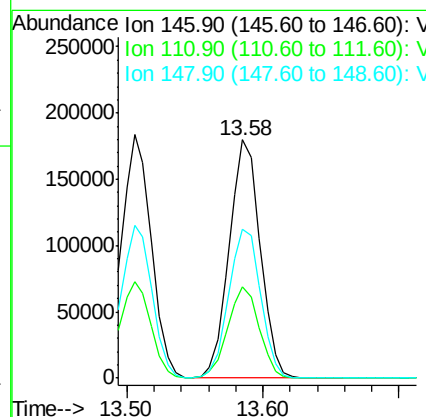
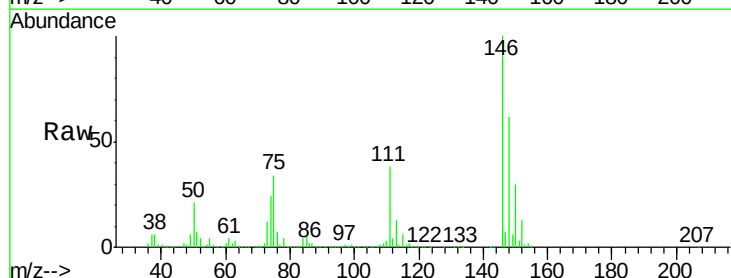
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

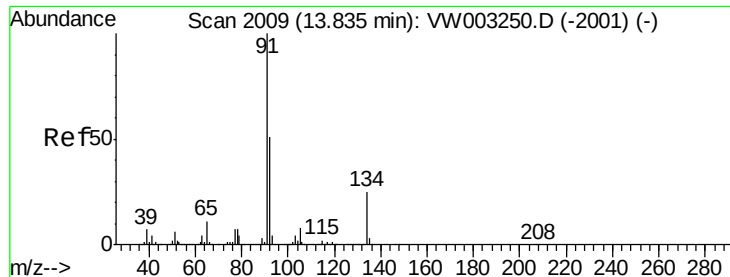
Tgt Ion:146 Resp: 288110
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.8 59.4
 148 63.9 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 49.186 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion:146 Resp: 284333
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.2 57.6
 148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 48.980 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003539.D

Acq: 25 Jun 2018 05:43

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

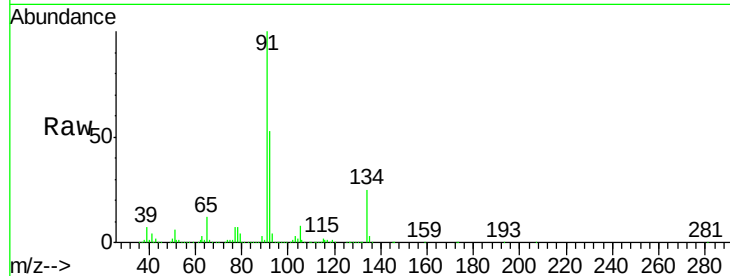
Tgt Ion: 91 Resp: 544183

Ion Ratio Lower Upper

91 100

92 52.3 26.0 78.0

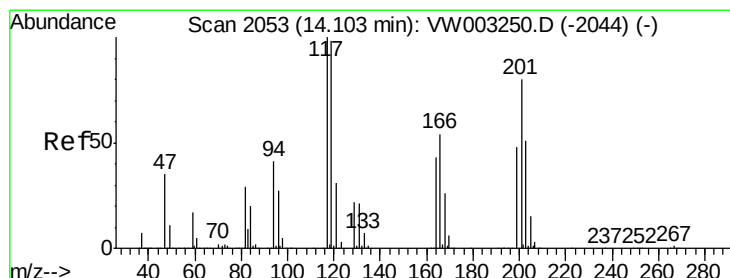
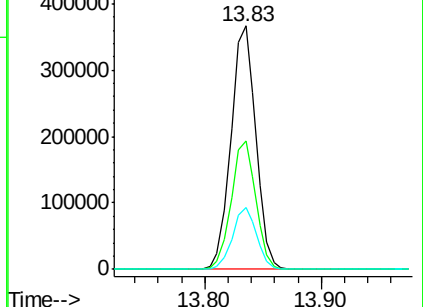
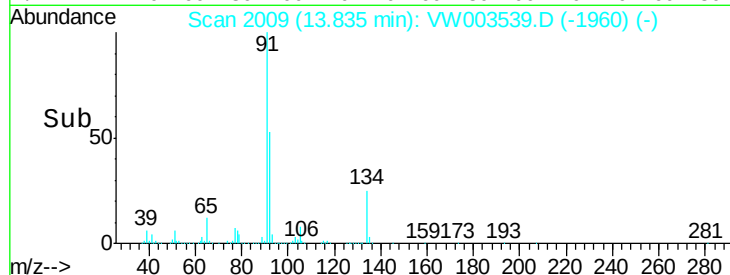
134 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 50.692 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003539.D

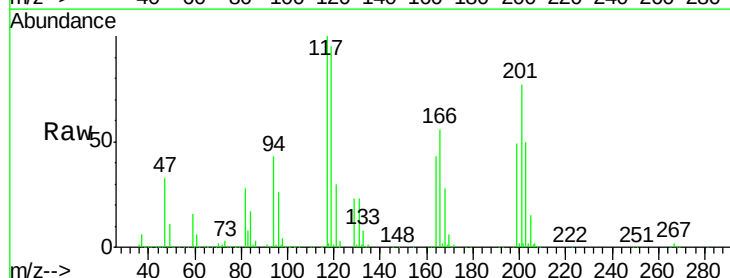
Acq: 25 Jun 2018 05:43

Tgt Ion: 117 Resp: 104520

Ion Ratio Lower Upper

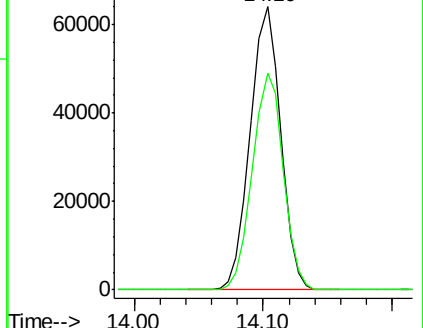
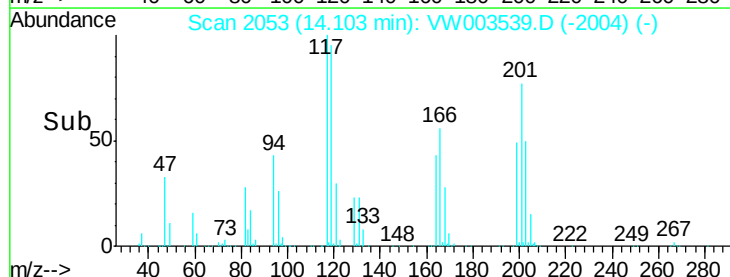
117 100

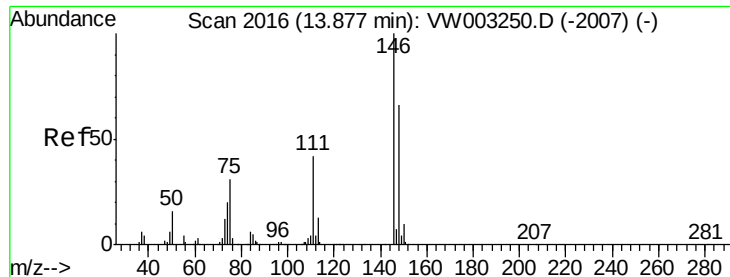
201 77.4 39.5 118.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

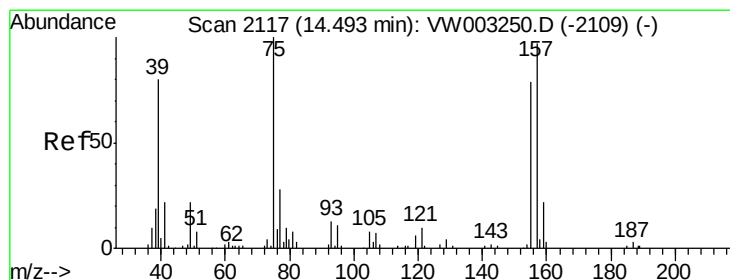
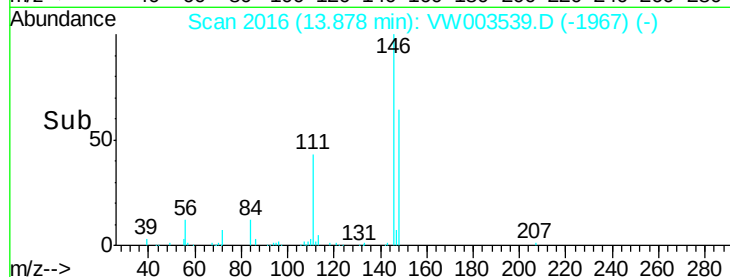
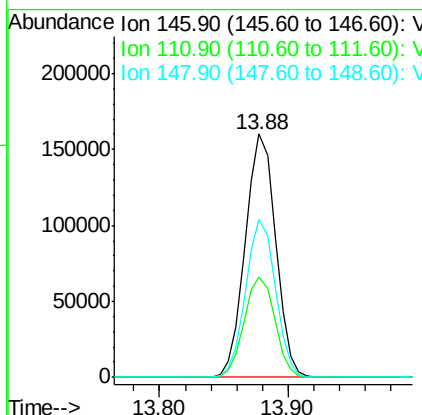
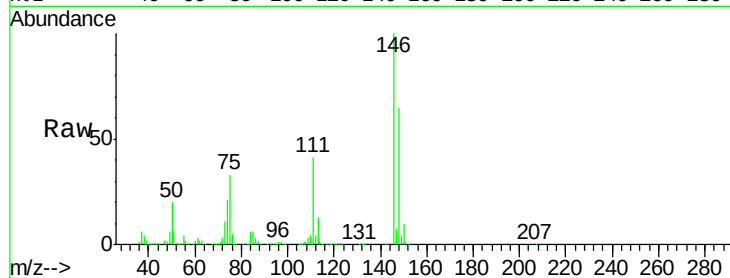




#91
 1,2-Dichlorobenzene
 Concen: 51.050 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

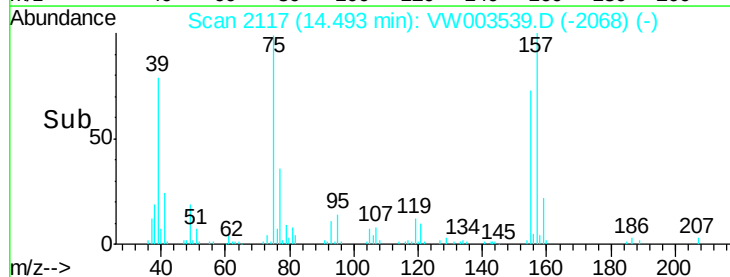
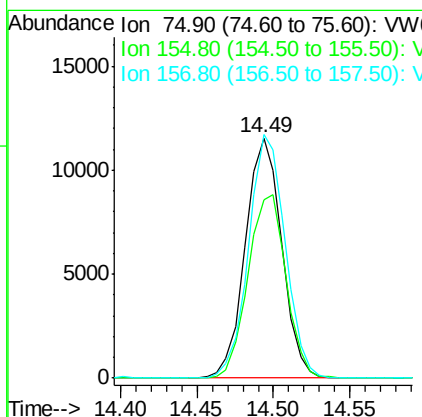
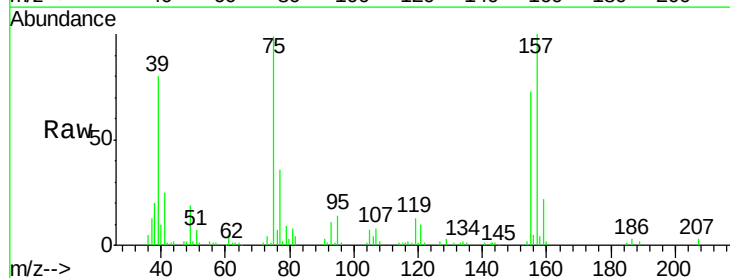
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

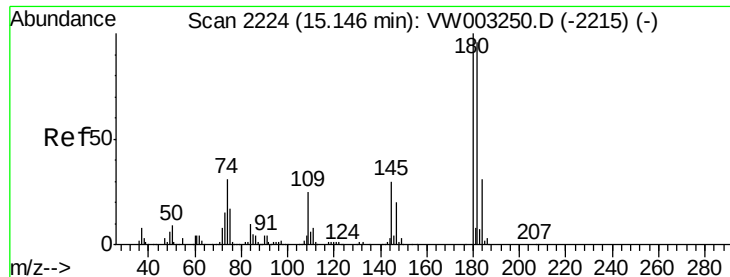
Tgt Ion: 146 Resp: 260025
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.3 61.0
 148 63.8 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.232 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion: 75 Resp: 19112
 Ion Ratio Lower Upper
 75 100
 155 79.6 39.4 118.2
 157 101.6 51.5 154.5

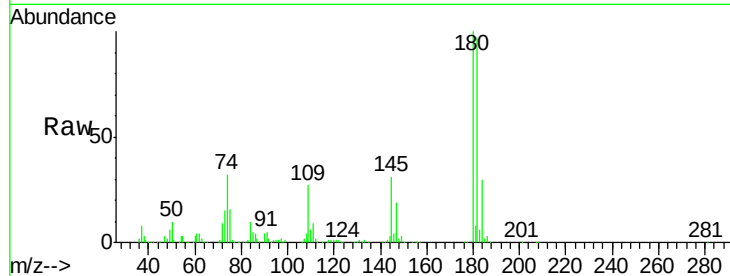




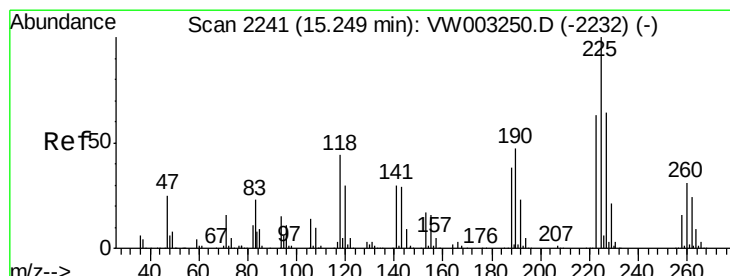
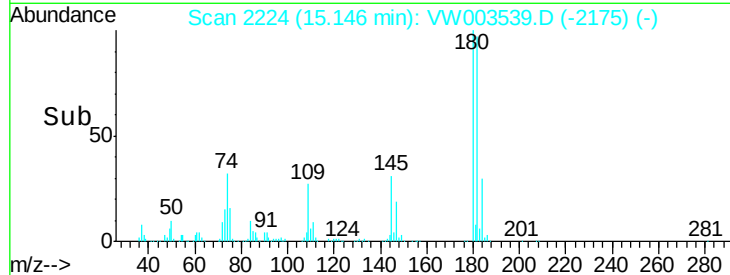
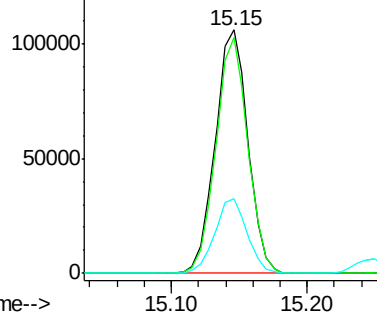
#93
 1,2,4-Trichlorobenzene
 Concen: 49.974 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 178693
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.9 143.6
 145 30.3 15.2 45.5

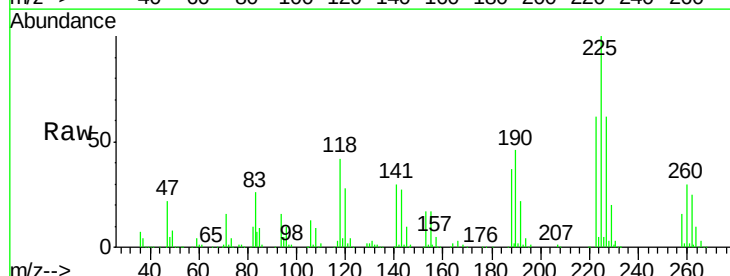


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

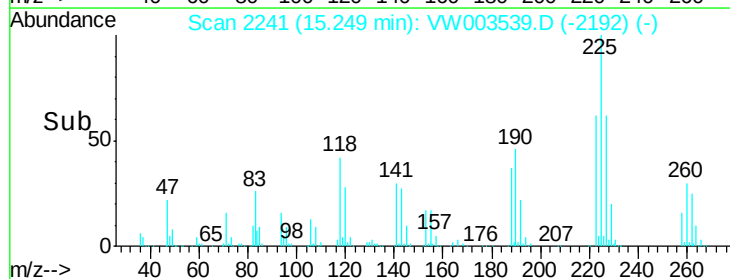
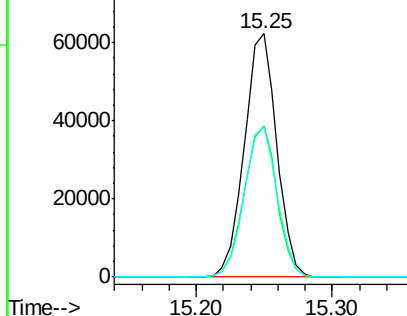


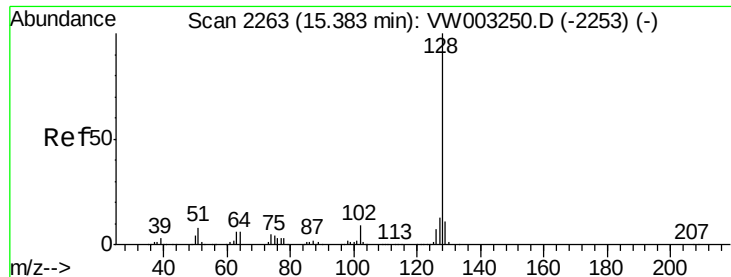
#94
 Hexachlorobutadiene
 Concen: 48.332 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003539.D
 Acq: 25 Jun 2018 05:43

Tgt Ion:225 Resp: 103957
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.6 92.0
 227 62.5 31.7 95.1



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

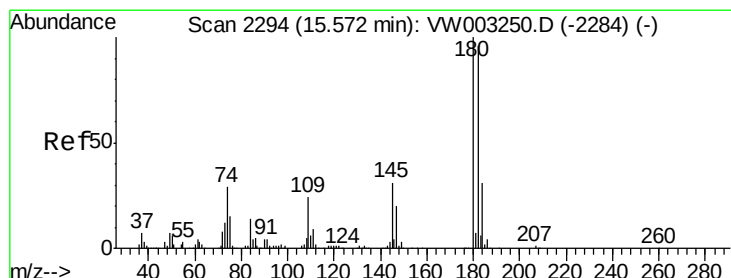
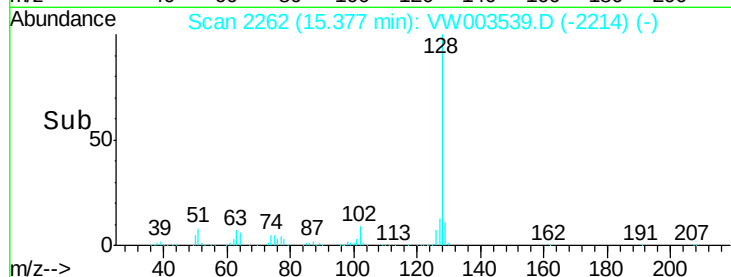
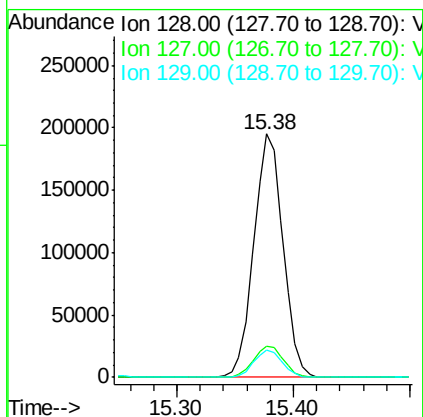
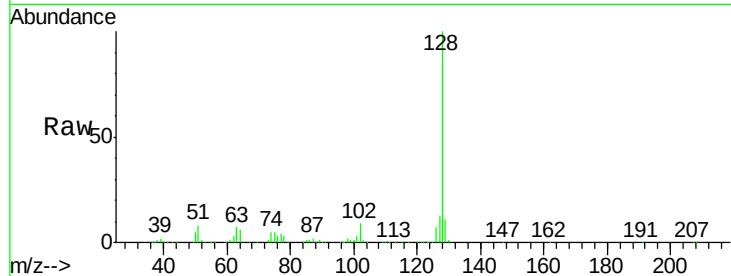




#95
Naphthalene
Concen: 56.263 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 341263
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.967 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003539.D
Acq: 25 Jun 2018 05:43

Tgt Ion:180 Resp: 160416
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.6
145 32.3 15.8 47.4

