

Data File : VW003526.D
Acq On : 24 Jun 2018 21:58
Operator : SY/AP
Sample : VSTDCCC050EC
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Quant Time: Jun 24 23:33:26 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	229949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	376053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	183896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154844	62.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.34%	
35) Dibromofluoromethane	7.88	113	135869	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	
50) Toluene-d8	10.33	98	529738	57.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	196965	60.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	43802	63.007	ug/l	89
3) Chloromethane	2.21	50	86550	49.275	ug/l	97
4) Vinyl Chloride	2.36	62	121164	47.319	ug/l	100
5) Bromomethane	2.78	94	76999	45.243	ug/l	96
6) Chloroethane	2.92	64	72614	40.740	ug/l	96
7) Trichlorofluoromethane	3.25	101	67124	43.758	ug/l	96
8) Diethyl Ether	3.68	74	63760	56.581	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106631	50.059	ug/l	99
10) Methyl Iodide	4.26	142	170786	53.015	ug/l	98
11) Tert butyl alcohol	5.22	59	42962	321.623	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	108016	51.891	ug/l	99
13) Acrolein	3.89	56	26556	139.050	ug/l	97
14) Allyl chloride	4.66	41	199143	55.230	ug/l	96
15) Acrylonitrile	5.38	53	147125	317.330	ug/l	100
16) Acetone	4.14	43	133969	256.461	ug/l	99
17) Carbon Disulfide	4.37	76	300780	48.875	ug/l	99
18) Methyl Acetate	4.67	43	79443	64.107	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	235190	60.324	ug/l	97
20) Methylene Chloride	4.91	84	122206	55.474	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	120211	53.063	ug/l	96
22) Diisopropyl ether	6.31	45	427532	58.915	ug/l	97
23) Vinyl Acetate	6.26	43	1253436	299.733	ug/l	99
24) 1,1-Dichloroethane	6.21	63	237037	55.022	ug/l	98
25) 2-Butanone	7.18	43	199173	306.627	ug/l	95
26) 2,2-Dichloropropane	7.17	77	132438	46.063	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	141904	57.020	ug/l	99
28) Bromochloromethane	7.51	49	112967	63.014	ug/l	98
29) Tetrahydrofuran	7.54	42	129476	326.146	ug/l	99
30) Chloroform	7.68	83	241614	55.050	ug/l	99
31) Cyclohexane	7.96	56	197009	48.950	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	186787	51.559	ug/l	100
36) 1,1-Dichloropropene	8.09	75	182412	50.228	ug/l	99
37) Ethyl Acetate	7.26	43	91005	60.488	ug/l	100
38) Carbon Tetrachloride	8.07	117	172817	48.512	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	208959	49.727	ug/l	98
40) Benzene	8.32	78	523639	52.309	ug/l	99
41) Methacrylonitrile	7.49	41	57965	62.783	ug/l	97
42) 1,2-Dichloroethane	8.40	62	168034	53.576	ug/l	99
43) Isopropyl Acetate	8.43	43	173922	58.218	ug/l	99
44) Trichloroethene	9.10	130	141008	53.159	ug/l	100
45) 1,2-Dichloropropane	9.37	63	137991	54.139	ug/l	98
46) Dibromomethane	9.46	93	71264	54.611	ug/l	98
47) Bromodichloromethane	9.65	83	178977	53.507	ug/l	98
48) Methyl methacrylate	9.44	41	86380	61.527	ug/l	96
49) 1,4-Dioxane	9.48	88	22709	1152.557	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	467757	307.279	ug/l	99
52) Toluene	10.39	92	334482	52.105	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	184167	53.899	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	208256	53.550	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101582	55.242	ug/l	99
56) Ethyl methacrylate	10.65	69	136209	60.999	ug/l	97
57) 1,3-Dichloropropane	10.94	76	180041	56.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	282388	282.108	ug/l	97
59) 2-Hexanone	10.98	43	323711	304.403	ug/l	99
60) Dibromochloromethane	11.13	129	117464	53.715	ug/l	100
61) 1,2-Dibromoethane	11.24	107	97588	56.105	ug/l	99
64) Tetrachloroethene	10.87	164	118051	50.304	ug/l	98
65) Chlorobenzene	11.66	112	374179	51.213	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	131729	51.304	ug/l	100
67) Ethyl Benzene	11.74	91	667623	51.548	ug/l	100
68) m/p-Xylenes	11.85	106	504750	102.522	ug/l	99
69) o-Xylene	12.17	106	245049	53.706	ug/l	99
70) Styrene	12.19	104	407936	53.713	ug/l	100
71) Bromoform	12.35	173	71388	53.647	ug/l #	99
73) Isopropylbenzene	12.47	105	669155	52.316	ug/l	99
74) N-amyl acetate	12.28	43	176651	60.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	124106	57.352	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	163186	103.801	ug/l #	100
77) Bromobenzene	12.75	156	155293	52.132	ug/l	96
78) n-propylbenzene	12.81	91	812105	51.852	ug/l	100
79) 2-Chlorotoluene	12.90	91	465227	52.563	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	559347	52.099	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36645	53.637	ug/l	98
82) 4-Chlorotoluene	12.99	91	477333	50.838	ug/l	99
83) tert-Butylbenzene	13.21	119	487077	53.235	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	579488	52.471	ug/l	100
85) sec-Butylbenzene	13.39	105	701898	51.610	ug/l	100
86) p-Isopropyltoluene	13.51	119	617384	51.469	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	309022	50.499	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310688	51.070	ug/l	100
89) n-Butylbenzene	13.83	91	601138	51.413	ug/l	100
90) Hexachloroethane	14.10	117	111369	51.325	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	283155	52.824	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21673	59.516	ug/l	98

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

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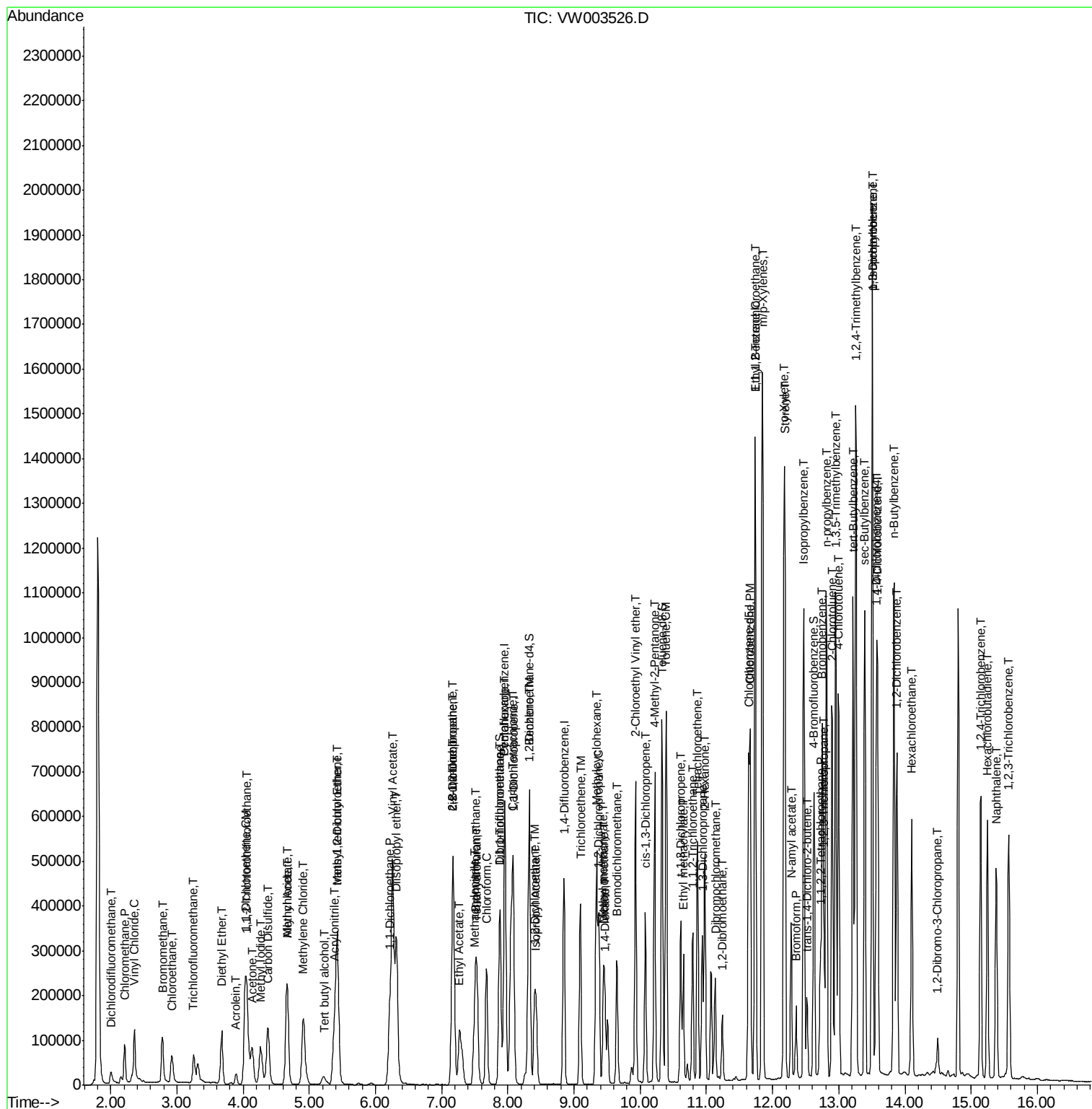
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	203992	54.209	ug/l	100
94) Hexachlorobutadiene	15.25	225	112558	49.725	ug/l	98
95) Naphthalene	15.38	128	394092	61.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	181922	54.923	ug/l	99

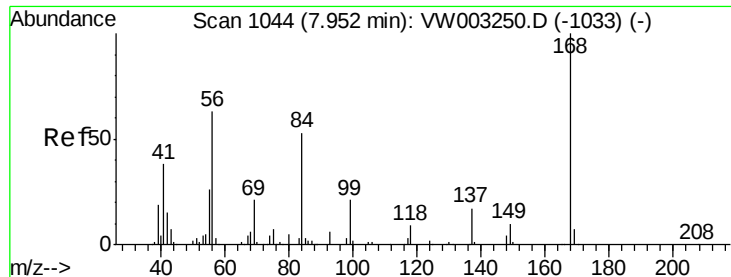
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

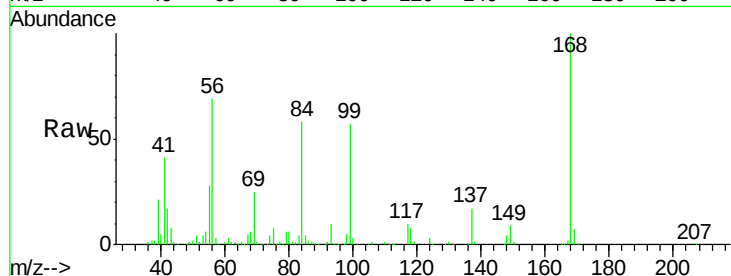
VSTDCCC050EC

Tgt Ion:168 Resp: 229949

Ion Ratio Lower Upper

168 100

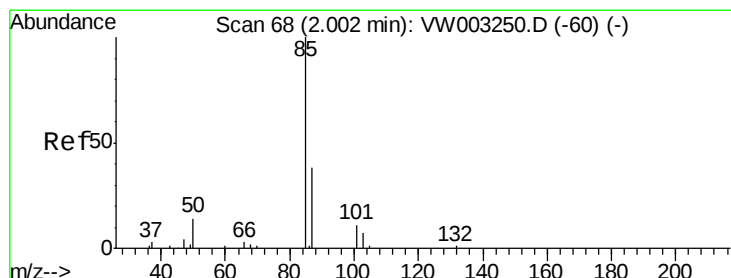
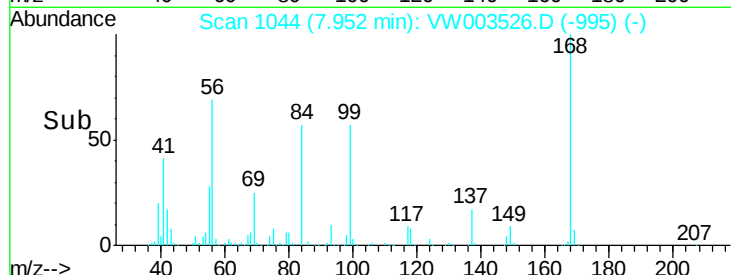
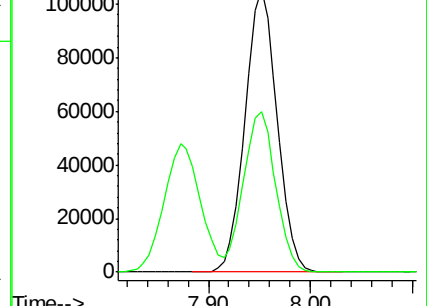
99 56.6 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95



#2

Dichlorodifluoromethane

Concen: 63.007 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW003526.D

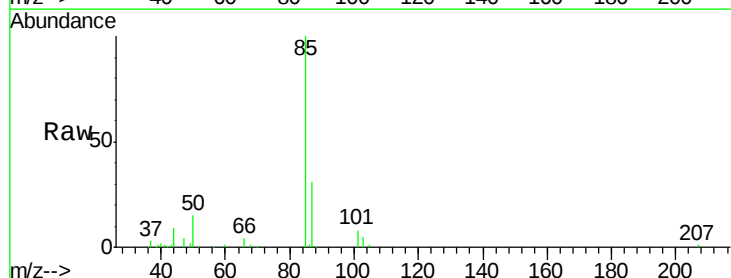
Acq: 24 Jun 2018 21:58

Tgt Ion: 85 Resp: 43802

Ion Ratio Lower Upper

85 100

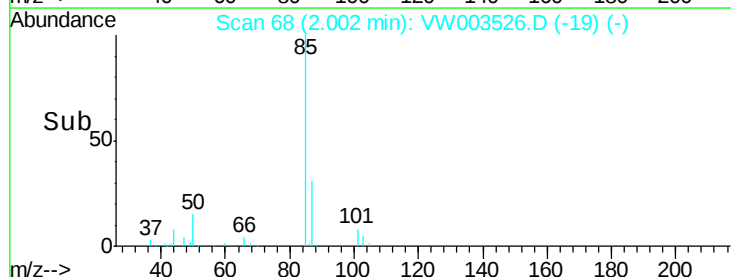
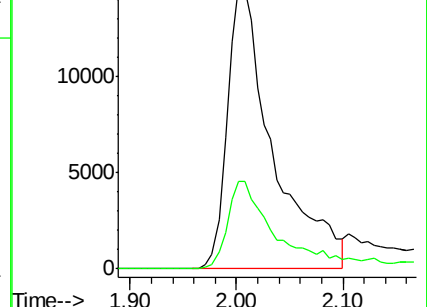
87 31.1 18.9 56.7

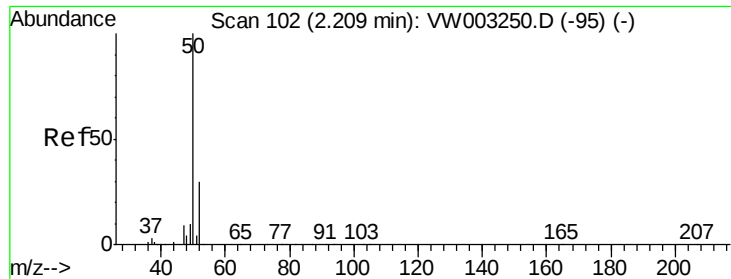


Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00





#3

Chloromethane

Concen: 49.275 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

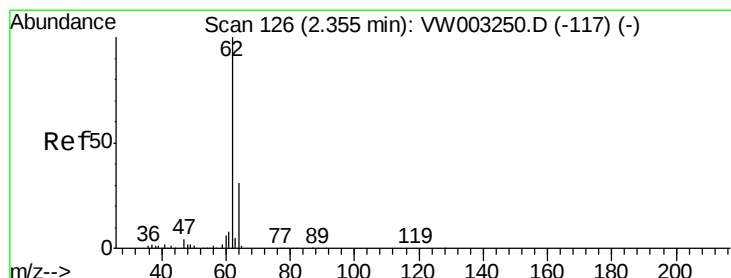
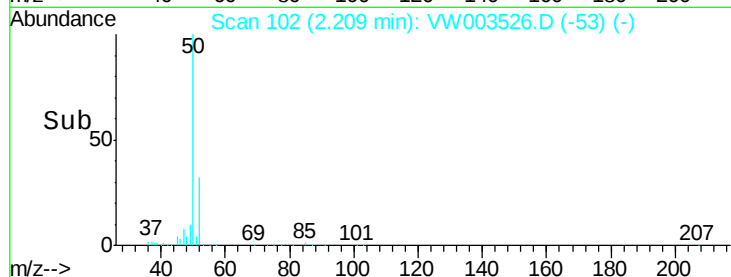
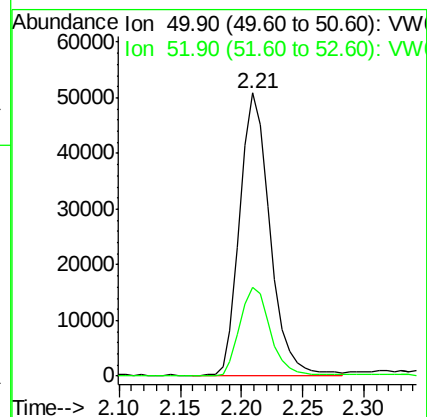
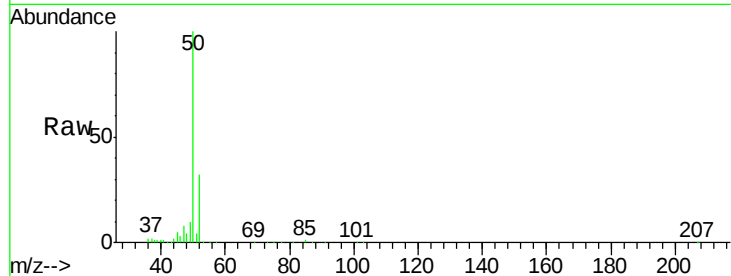
VSTDCCC050EC

Tgt Ion: 50 Resp: 86550

Ion Ratio Lower Upper

50 100

52 31.6 24.2 36.2



#4

Vinyl Chloride

Concen: 47.319 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003526.D

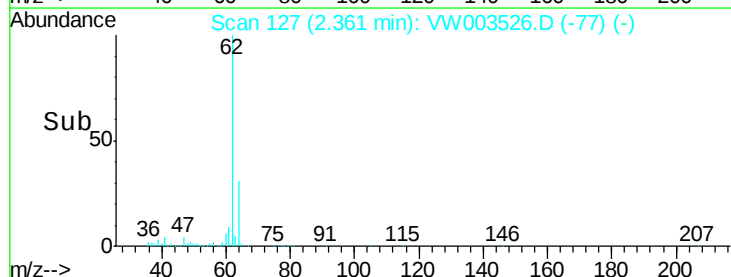
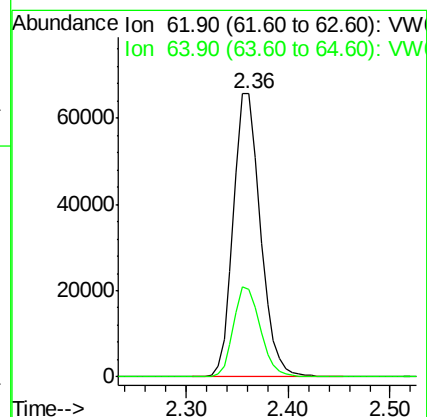
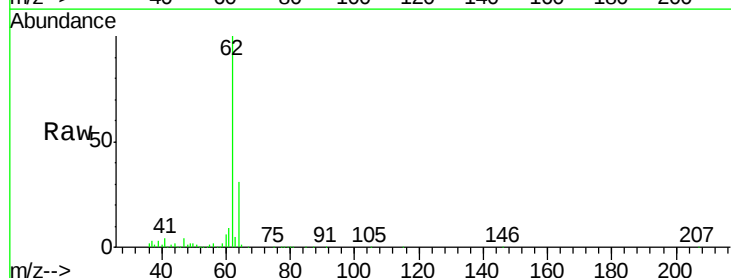
Acq: 24 Jun 2018 21:58

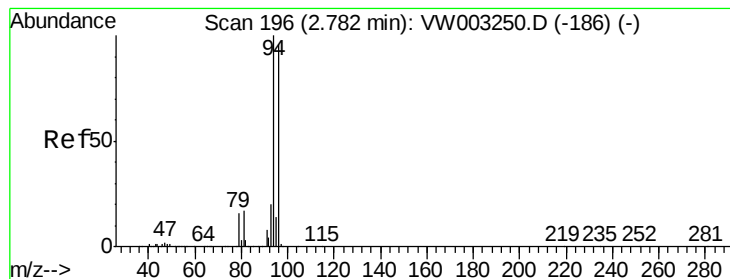
Tgt Ion: 62 Resp: 121164

Ion Ratio Lower Upper

62 100

64 31.1 24.9 37.3





#5

Bromomethane

Concen: 45.243 ug/l

RT: 2.78 min Scan# 196

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

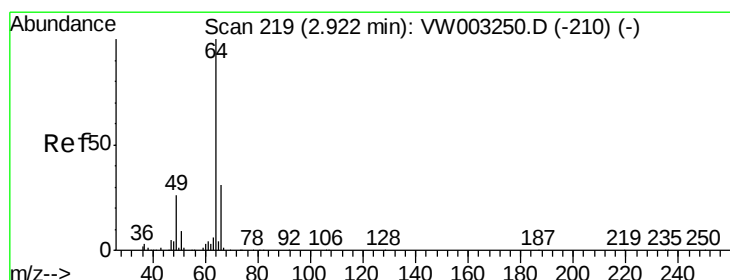
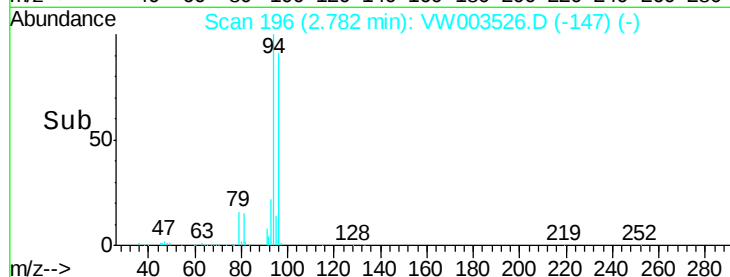
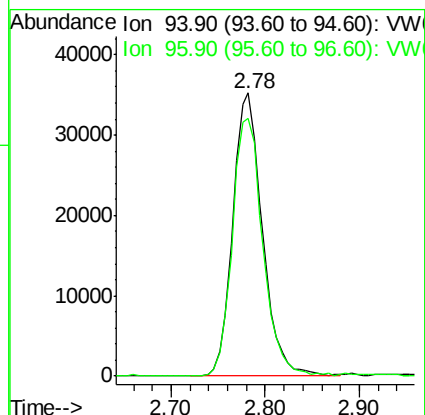
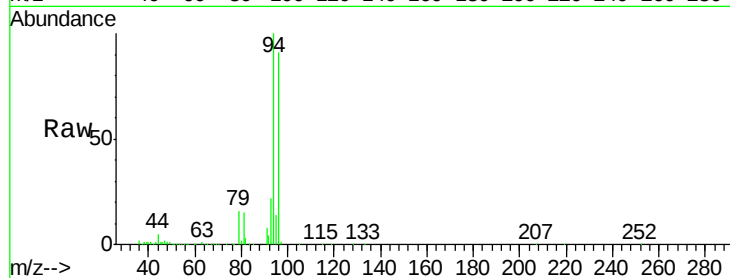
VSTDCCC050EC

Tgt Ion: 94 Resp: 76999

Ion Ratio Lower Upper

94 100

96 91.2 76.5 114.7



#6

Chloroethane

Concen: 40.740 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.00 min

Lab File: VW003526.D

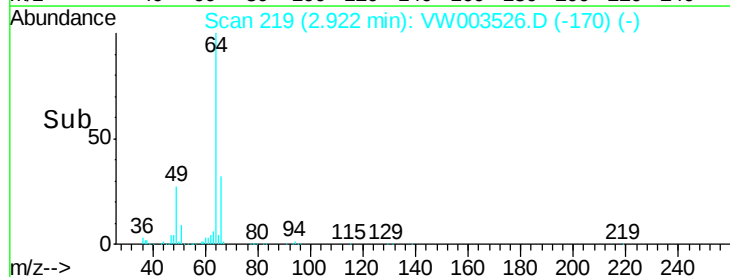
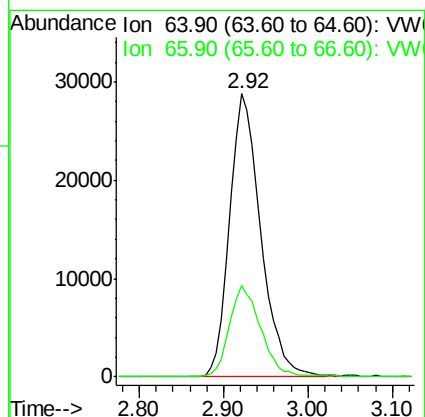
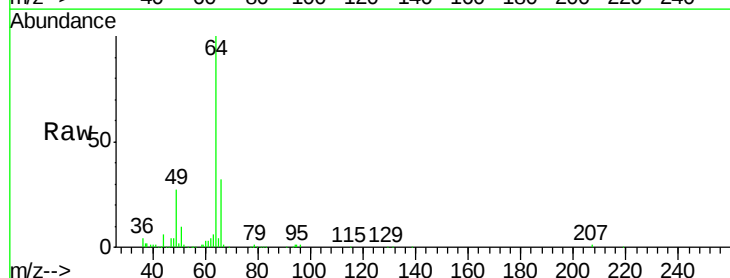
Acq: 24 Jun 2018 21:58

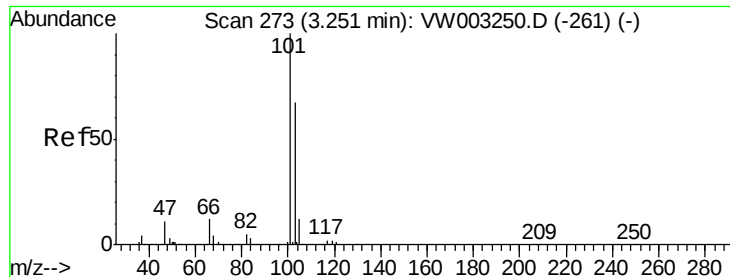
Tgt Ion: 64 Resp: 72614

Ion Ratio Lower Upper

64 100

66 32.5 24.4 36.6



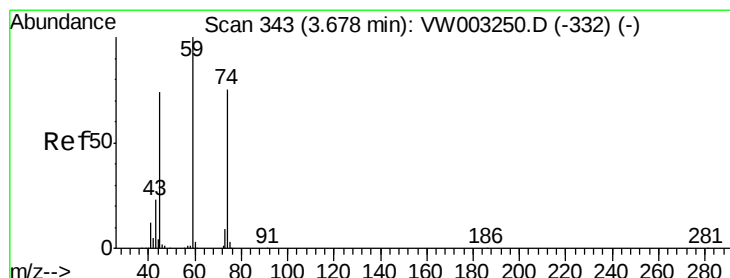
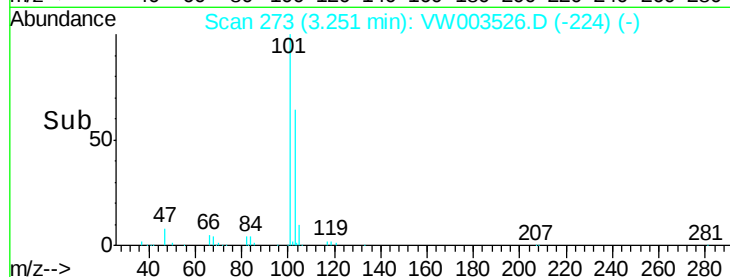
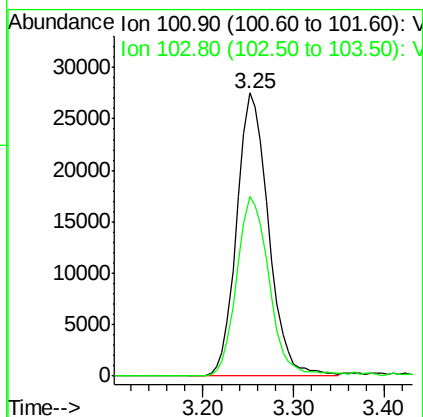
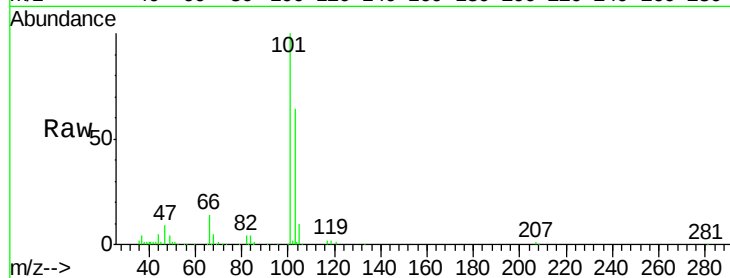


#7

Trichlorofluoromethane
Concen: 43.758 ug/l
RT: 3.25 min Scan# 273
Delta R.T. -0.00 min
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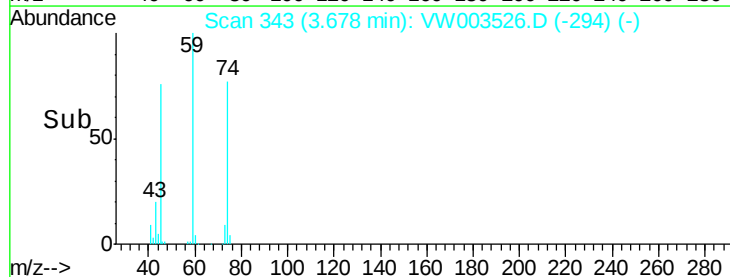
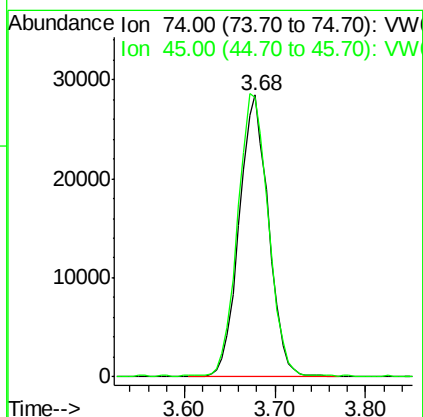
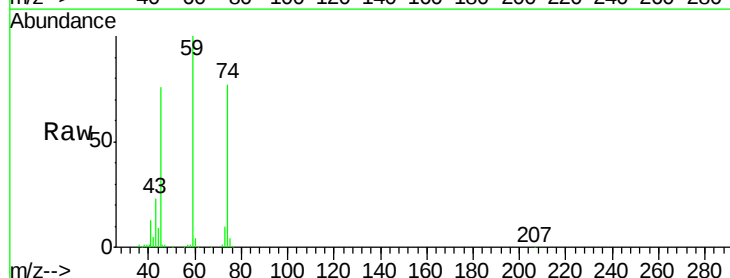
Tgt Ion:101 Resp: 67124
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.0

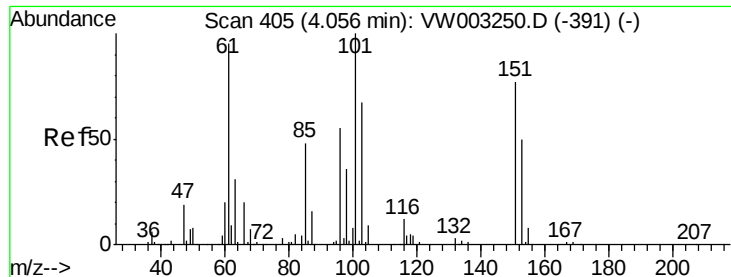


#8

Diethyl Ether
Concen: 56.581 ug/l
RT: 3.68 min Scan# 343
Delta R.T. -0.00 min
Lab File: VW003526.D
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Tgt Ion: 74 Resp: 63760
Ion Ratio Lower Upper
74 100
45 104.2 51.4 154.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.059 ug/l

RT: 4.06 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW003526.D

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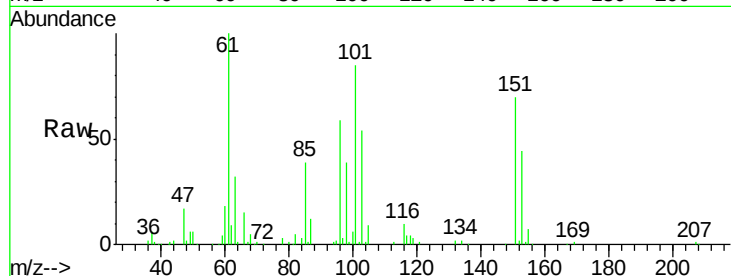
Tgt Ion:101 Resp: 106631

Ion Ratio Lower Upper

101 100

85 45.7 37.0 55.6

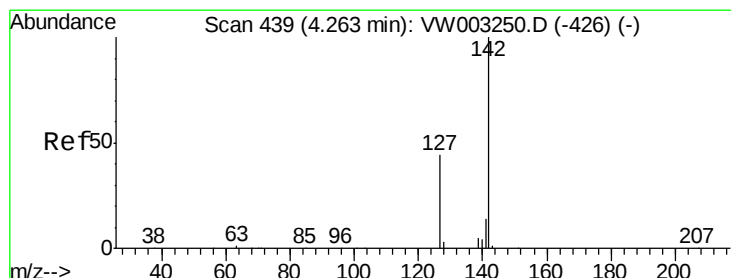
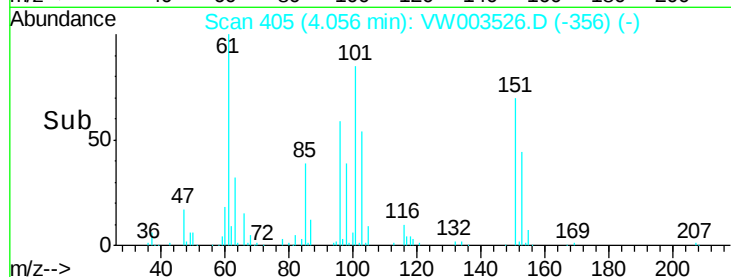
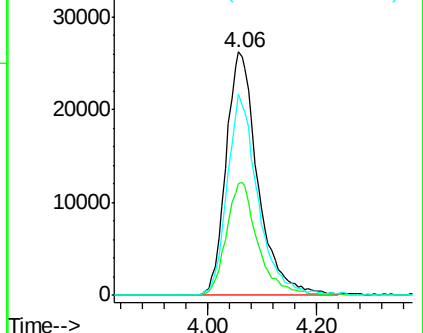
151 79.4 63.3 94.9



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: 53.015 ug/l

RT: 4.26 min Scan# 439

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

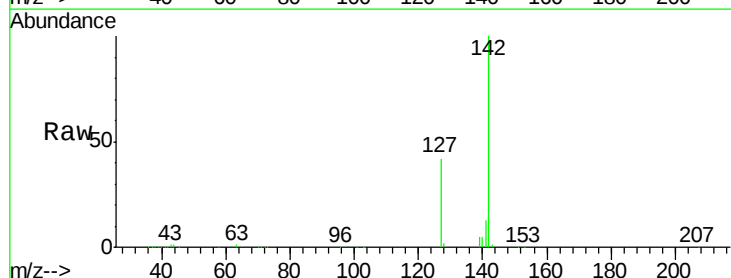
Tgt Ion:142 Resp: 170786

Ion Ratio Lower Upper

142 100

127 44.5 36.5 54.7

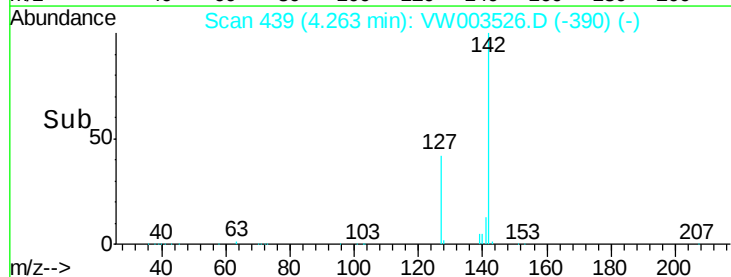
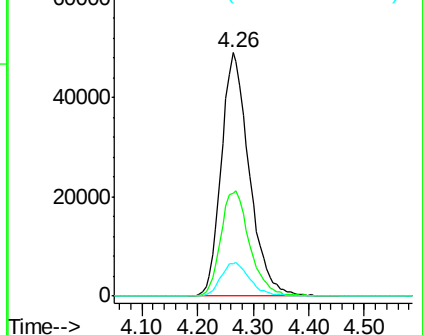
141 14.3 12.1 18.1

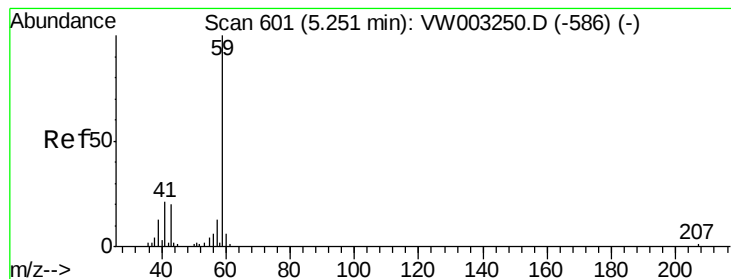


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



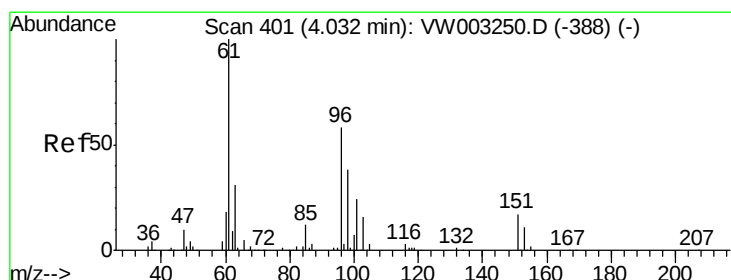
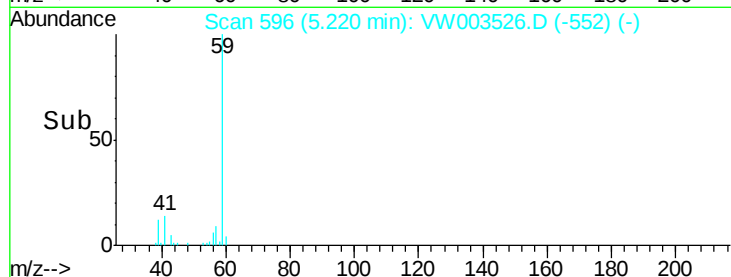
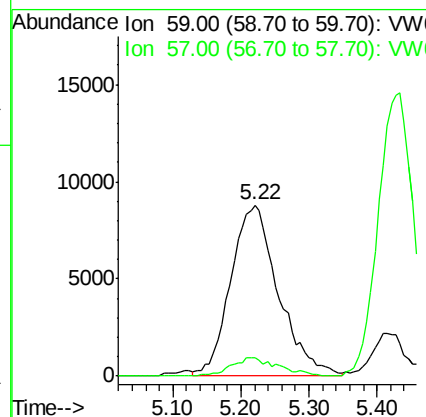
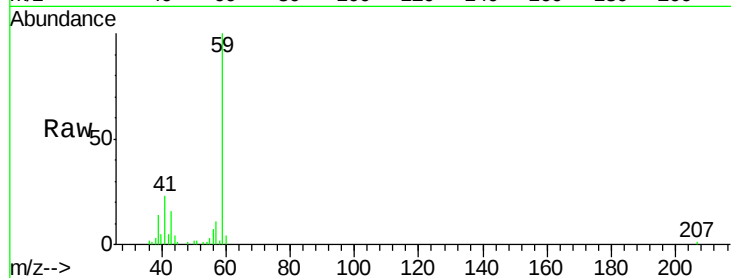


#11

Tert butyl alcohol
 Concen: 321.623 ug/l
 RT: 5.22 min Scan# 596
 Delta R.T. -0.03 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

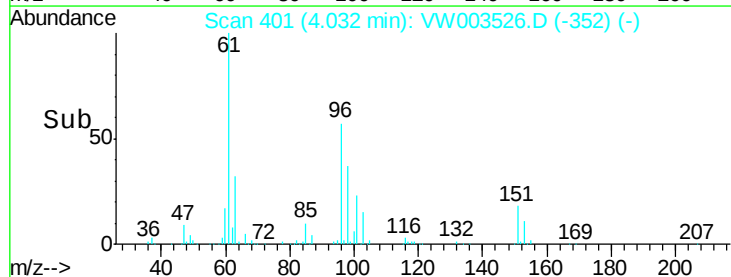
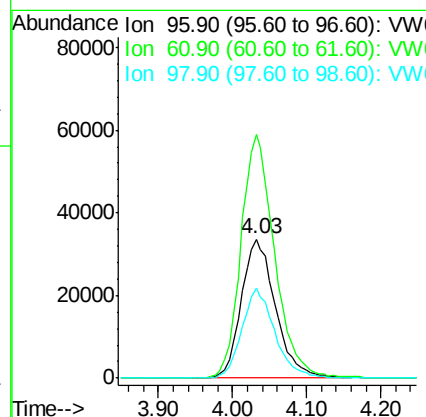
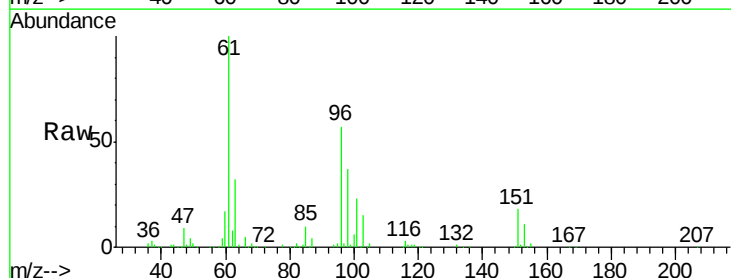
Tgt Ion: 59 Resp: 42962
 Ion Ratio Lower Upper
 59 100
 57 10.8 4.2 6.2#

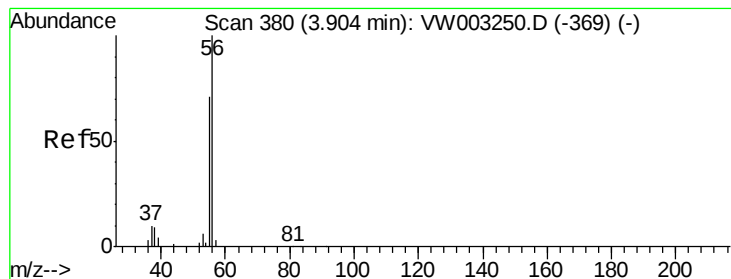


#12

1,1-Dichloroethene
 Concen: 51.891 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 96 Resp: 108016
 Ion Ratio Lower Upper
 96 100
 61 175.0 139.0 208.4
 98 64.7 53.3 79.9





#13

Acrolein

Concen: 139.050 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

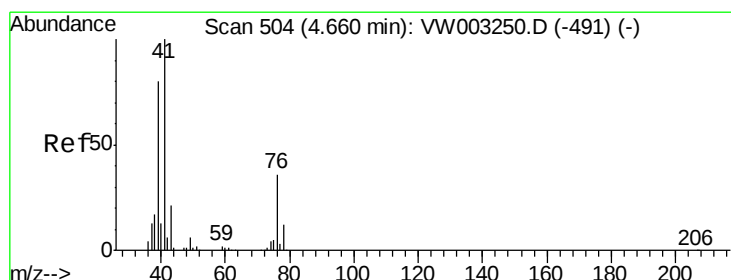
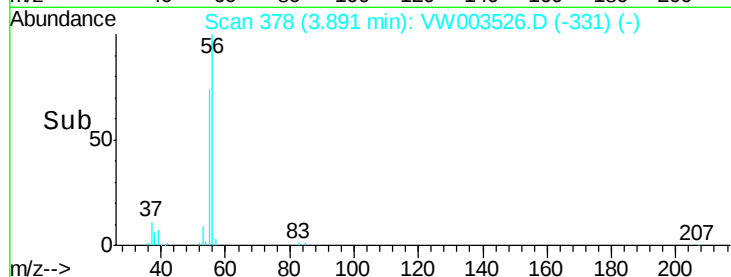
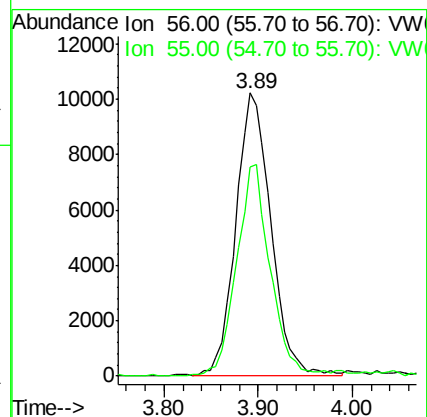
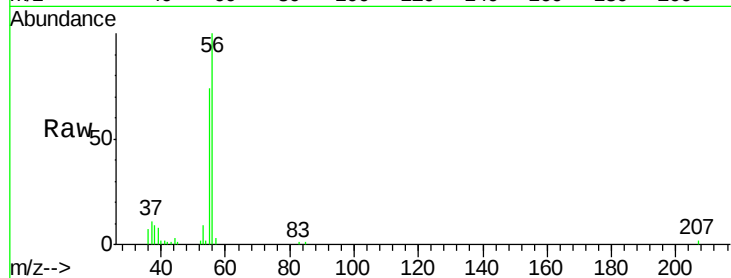
VSTDCCC050EC

Tgt Ion: 56 Resp: 26556

Ion Ratio Lower Upper

56 100

55 71.5 55.4 83.2



#14

Allyl chloride

Concen: 55.230 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

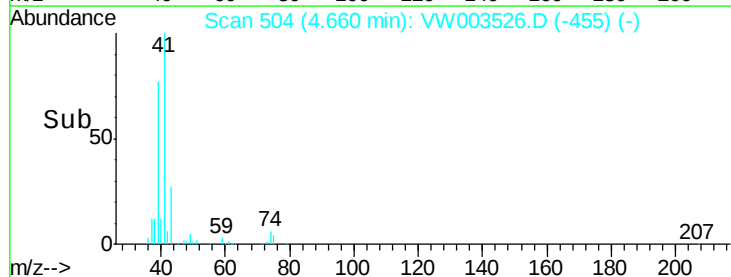
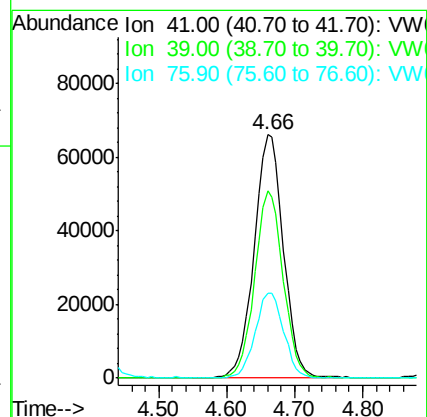
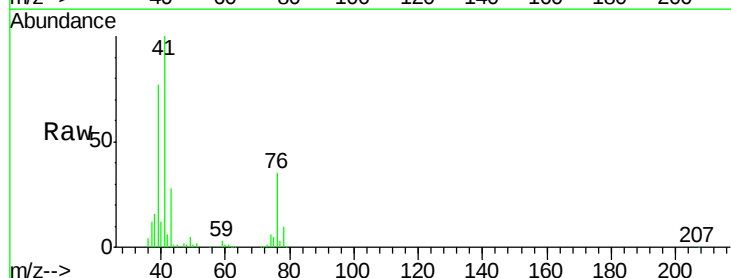
Tgt Ion: 41 Resp: 199143

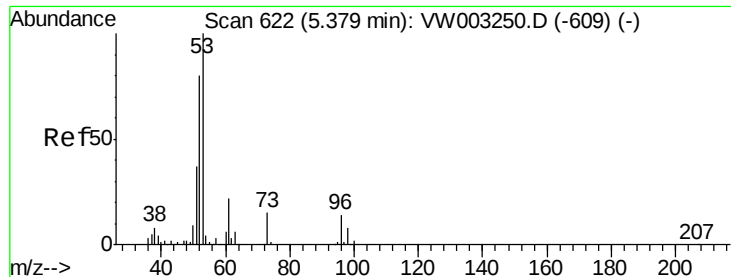
Ion Ratio Lower Upper

41 100

39 74.6 63.2 94.8

76 33.9 28.0 42.0





#15

Acrylonitrile

Concen: 317.330 ug/l

RT: 5.38 min Scan# 622

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

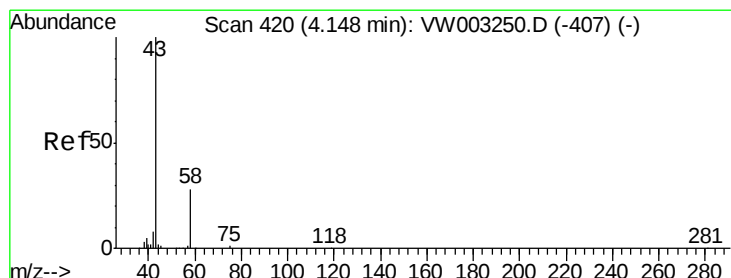
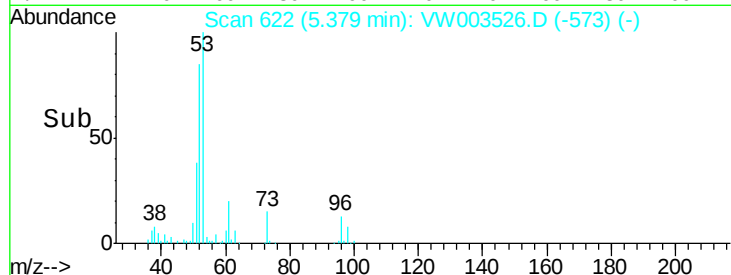
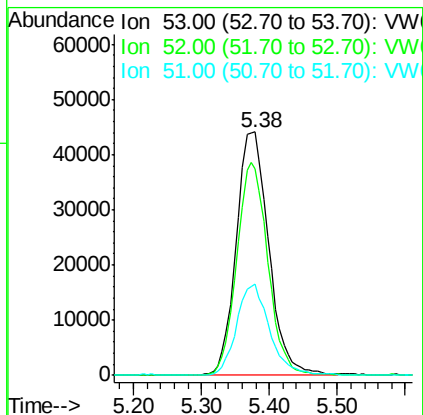
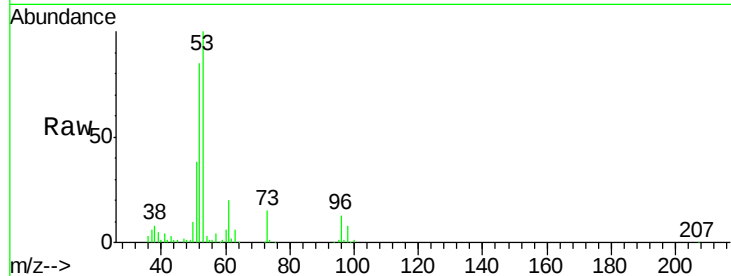
Tgt Ion: 53 Resp: 147125

Ion Ratio Lower Upper

53 100

52 83.1 66.6 100.0

51 38.2 30.6 46.0



#16

Acetone

Concen: 256.461 ug/l

RT: 4.14 min Scan# 418

Delta R.T. -0.01 min

Lab File: VW003526.D

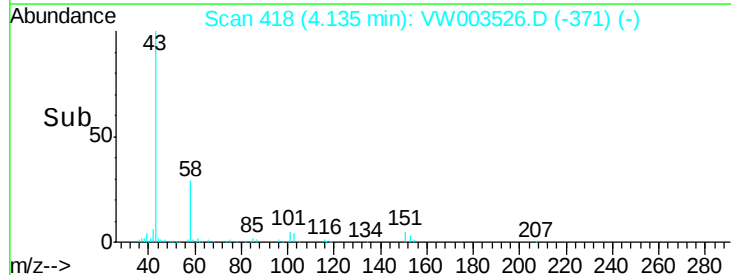
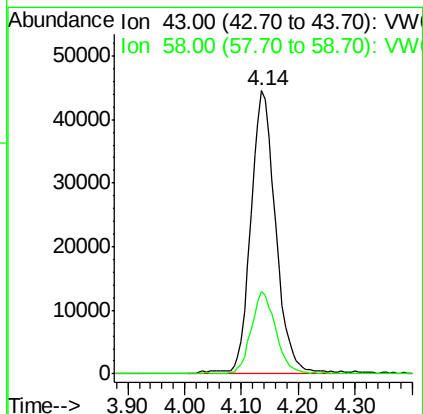
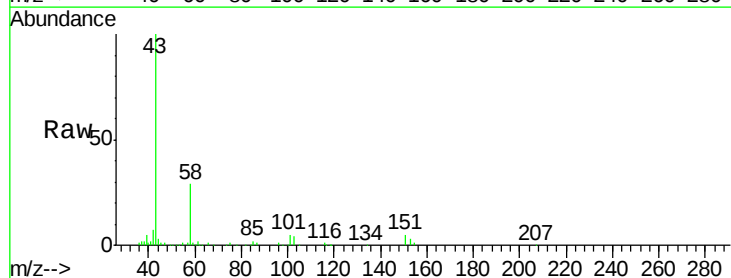
Acq: 24 Jun 2018 21:58

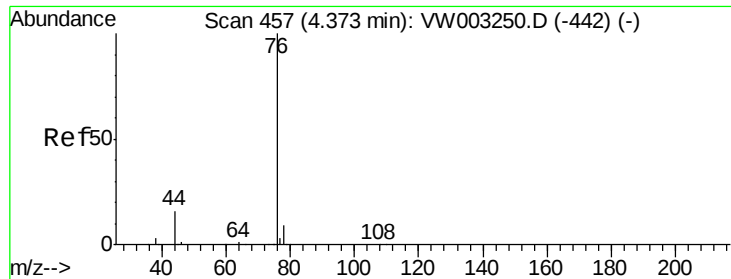
Tgt Ion: 43 Resp: 133969

Ion Ratio Lower Upper

43 100

58 29.0 22.6 34.0

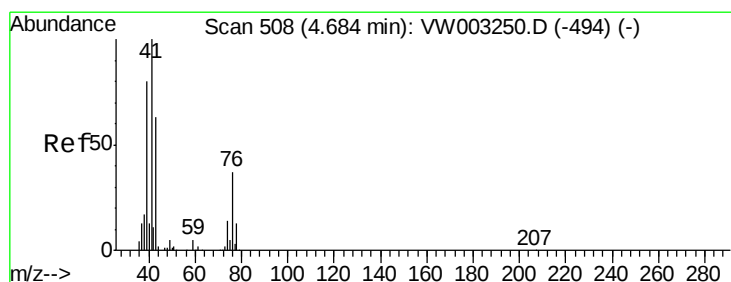
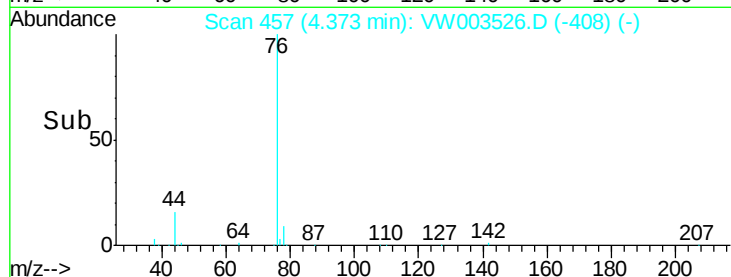
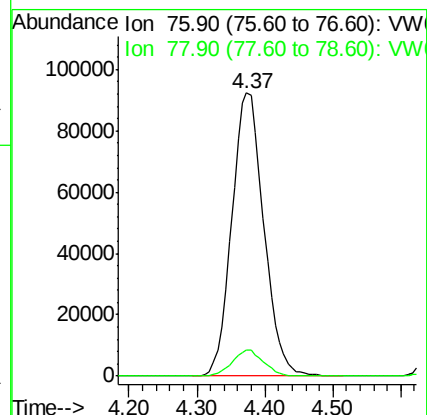
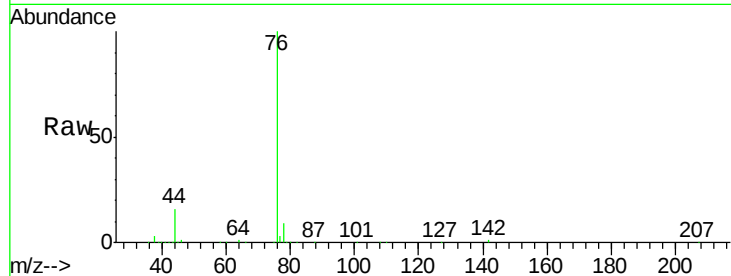




#17
Carbon Disulfide
Concen: 48.875 ug/l
RT: 4.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

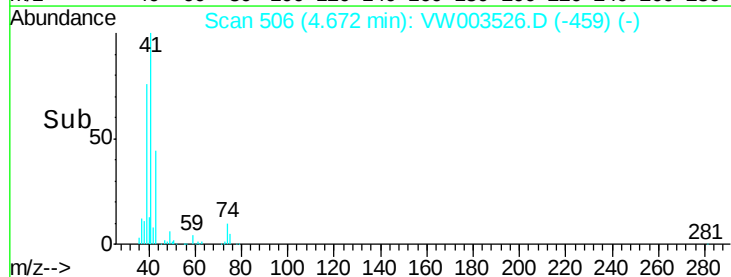
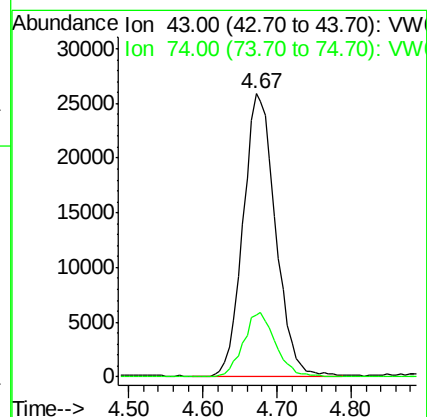
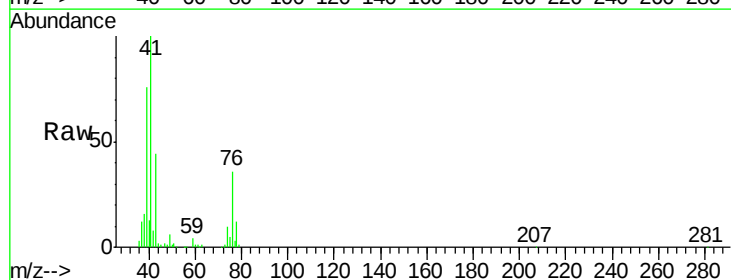
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

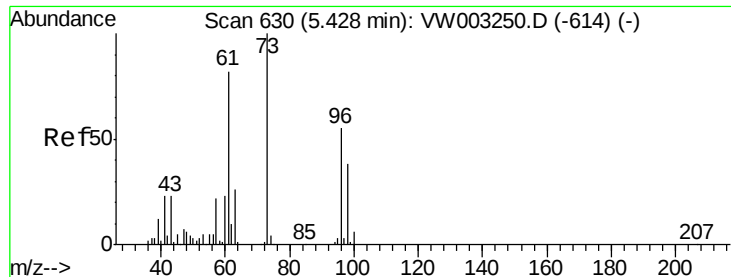
Tgt Ion: 76 Resp: 300780
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 64.107 ug/l
RT: 4.67 min Scan# 506
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 43 Resp: 79443
Ion Ratio Lower Upper
43 100
74 22.5 18.7 28.1

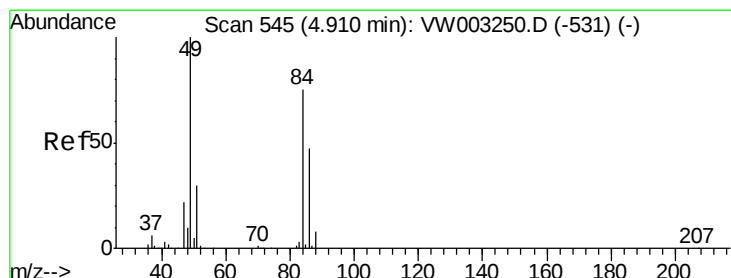
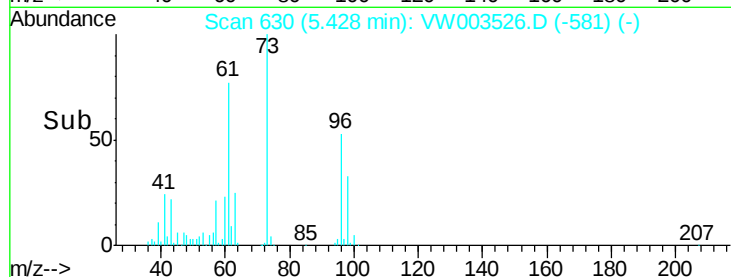
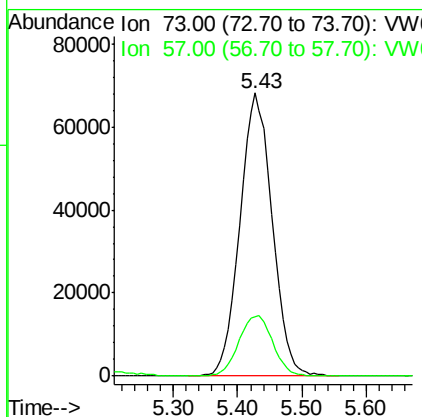
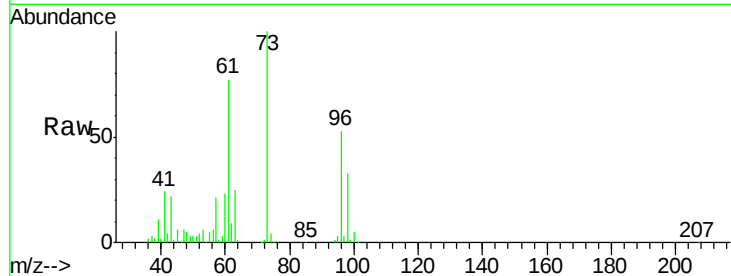




#19
Methyl tert-butyl Ether
Concen: 60.324 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

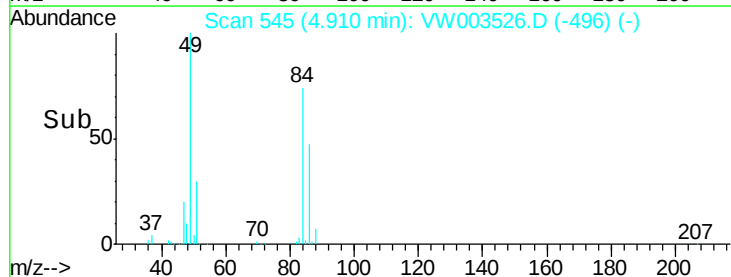
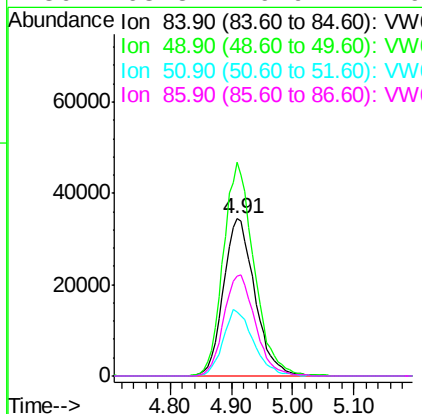
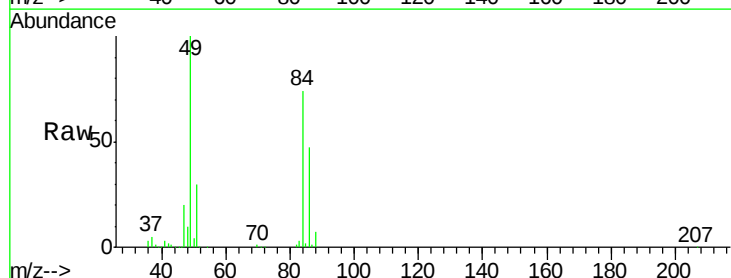
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

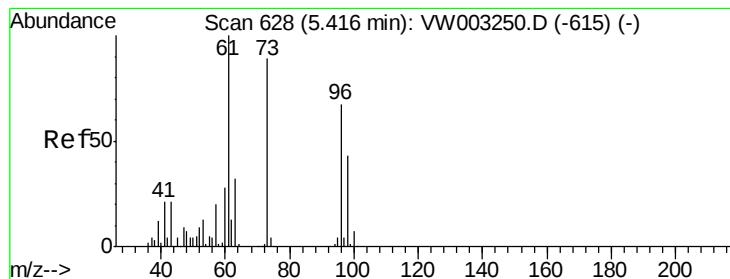
Tgt Ion: 73 Resp: 235190
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 55.474 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 84 Resp: 122206
Ion Ratio Lower Upper
84 100
49 135.8 106.3 159.5
51 41.1 32.0 48.0
86 63.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 53.063 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

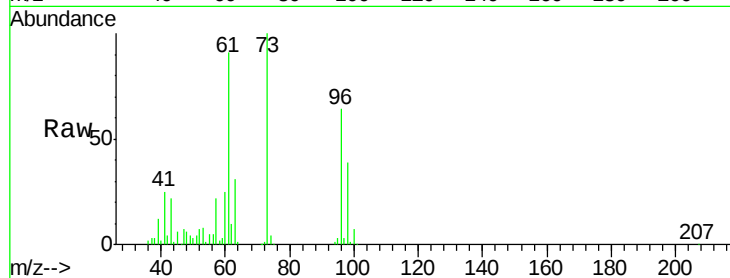
Tgt Ion: 96 Resp: 120211

Ion Ratio Lower Upper

96 100

61 142.4 118.7 178.1

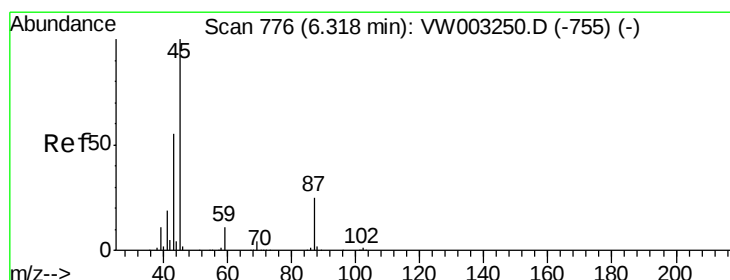
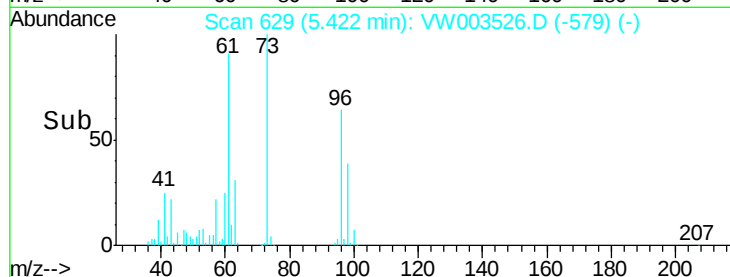
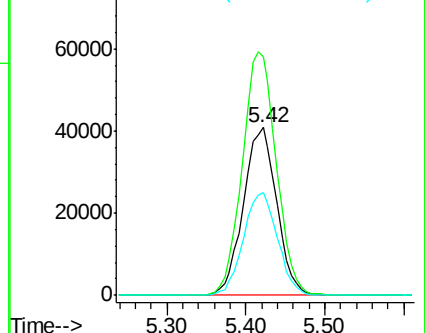
98 61.4 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 58.915 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion: 45 Resp: 427532

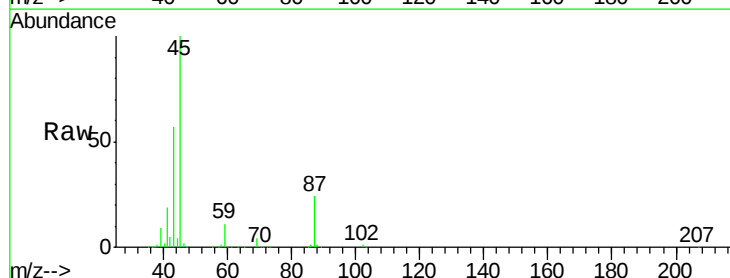
Ion Ratio Lower Upper

45 100

43 57.2 44.0 66.0

87 24.2 20.6 31.0

59 10.8 8.8 13.2

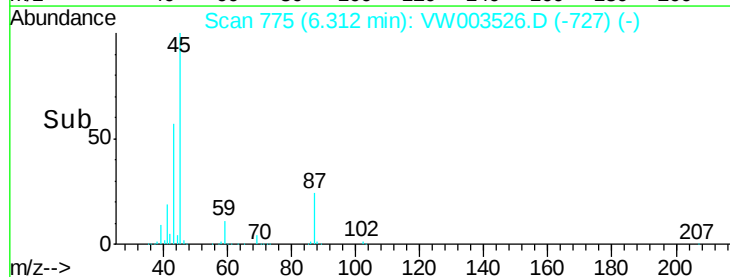
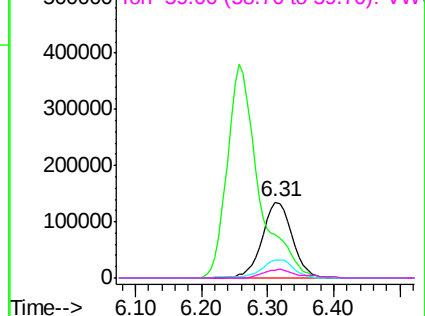


Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 299.733 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

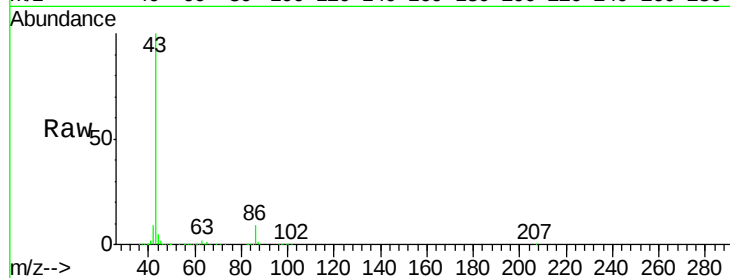
VSTDCCC050EC

Tgt Ion: 43 Resp: 1253436

Ion Ratio Lower Upper

43 100

86 9.0 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

400000

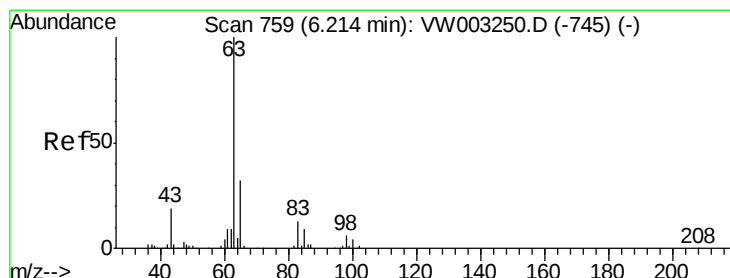
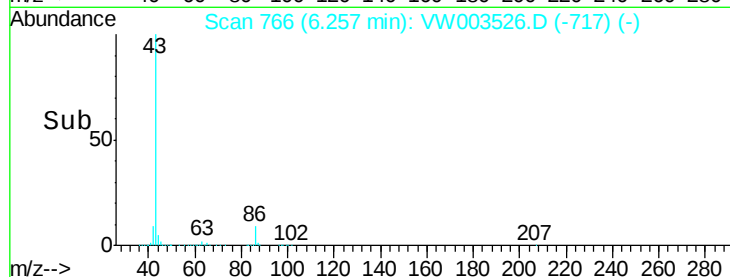
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.022 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

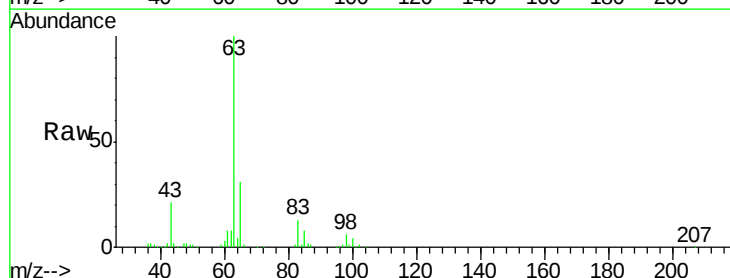
Tgt Ion: 63 Resp: 237037

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.3

100 3.7 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

100000

80000

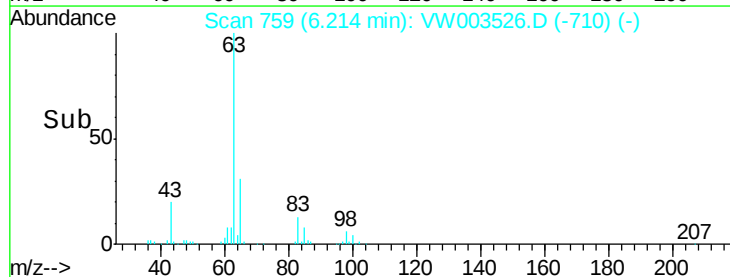
60000

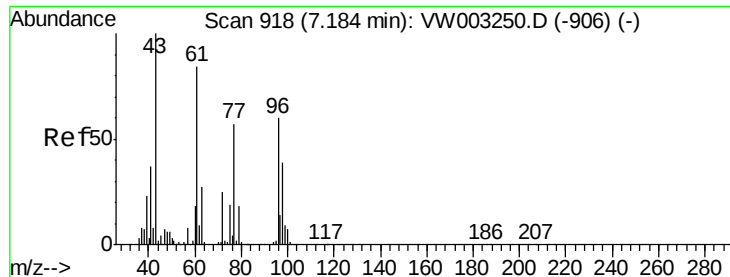
40000

20000

0

Time-->





#25

2-Butanone

Concen: 306.627 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

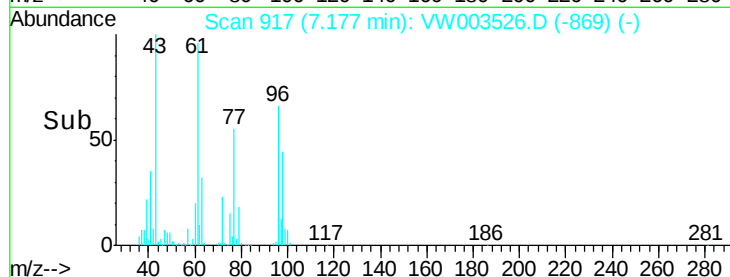
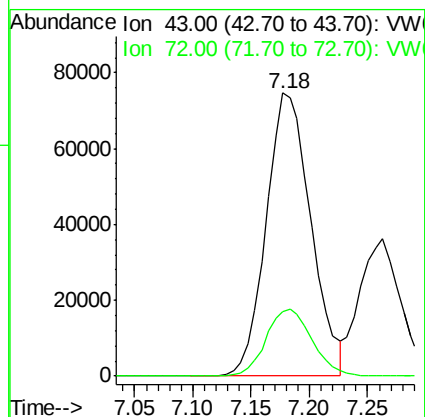
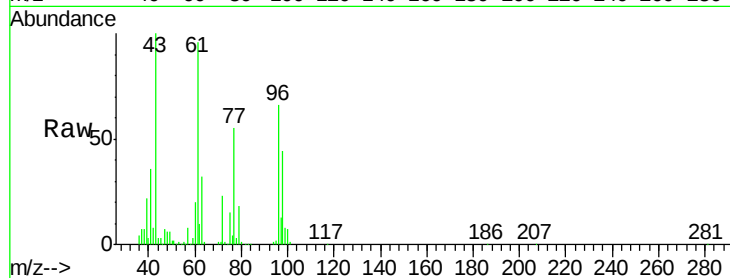
VSTDCCC050EC

Tgt Ion: 43 Resp: 199173

Ion Ratio Lower Upper

43 100

72 22.7 20.3 30.5



#26

2,2-Dichloropropane

Concen: 46.063 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW003526.D

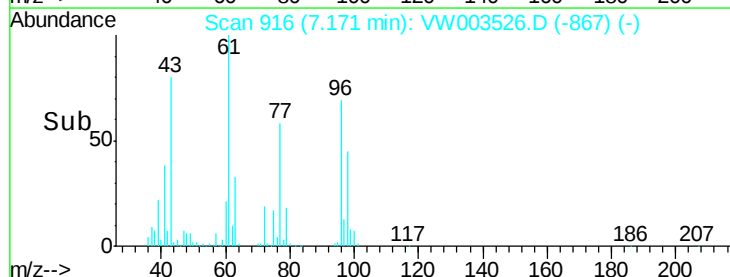
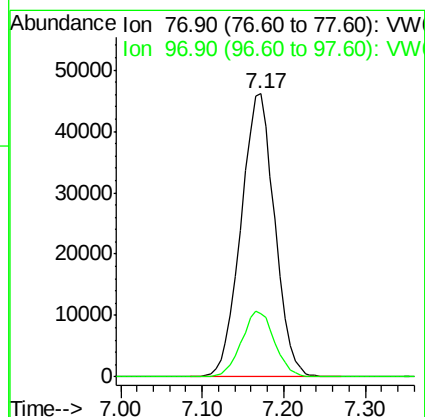
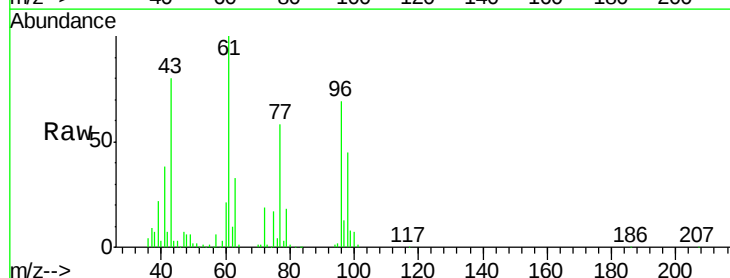
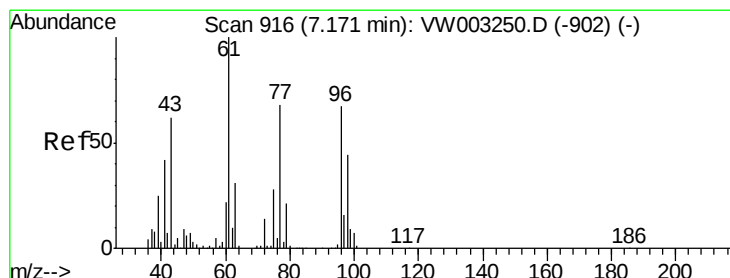
Acq: 24 Jun 2018 21:58

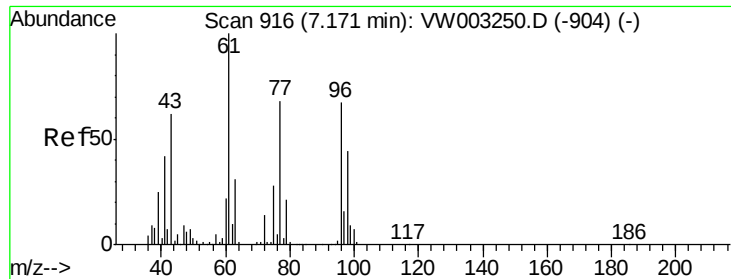
Tgt Ion: 77 Resp: 132438

Ion Ratio Lower Upper

77 100

97 22.8 11.3 33.9



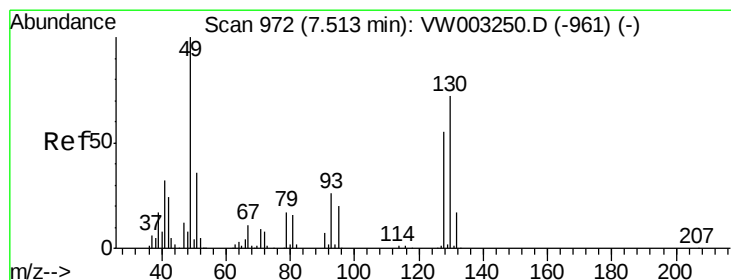
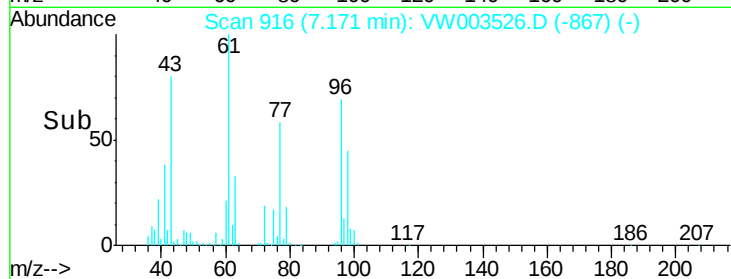
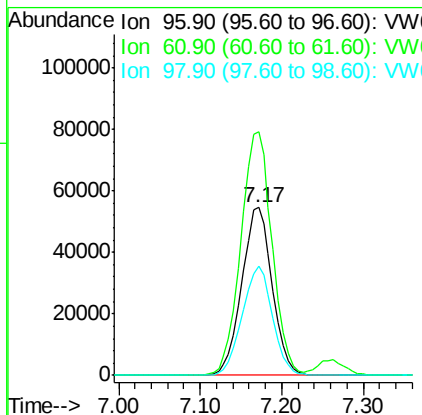
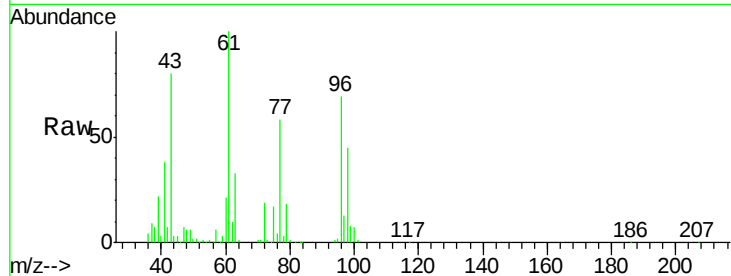


#27

cis-1,2-Dichloroethene
 Concen: 57.020 ug/l
 RT: 7.17 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

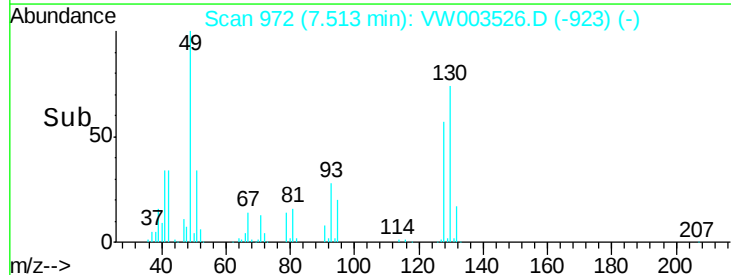
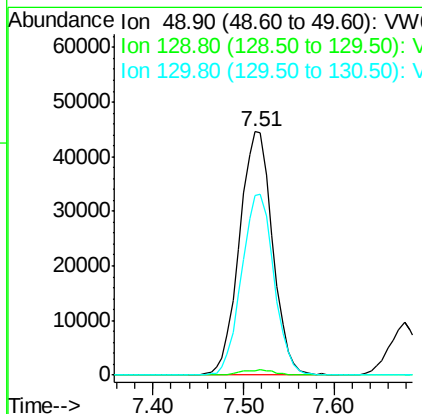
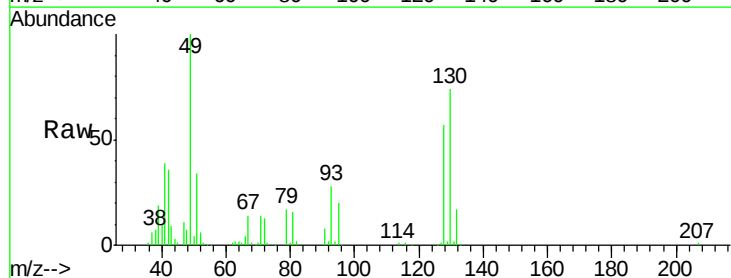
Tgt Ion: 96 Resp: 141904
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 298.8
 98 64.5 0.0 130.4

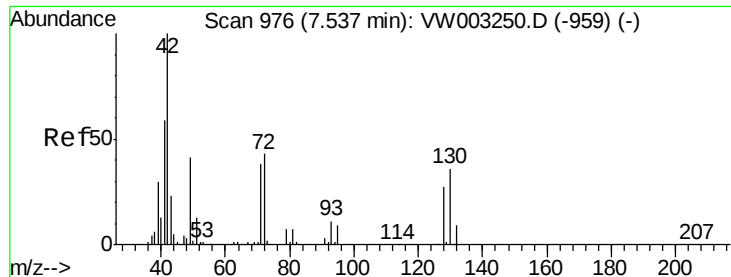


#28

Bromochloromethane
 Concen: 63.014 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 49 Resp: 112967
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 72.7 59.4 89.2

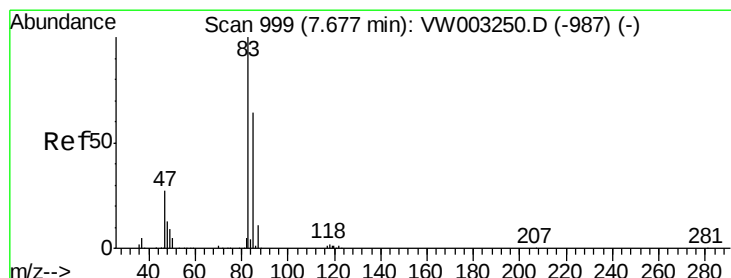
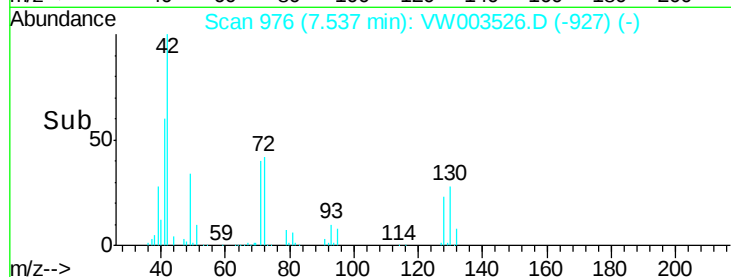
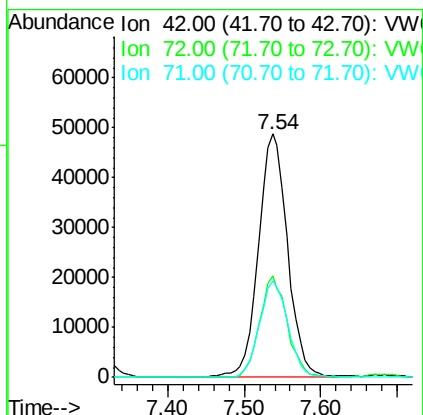
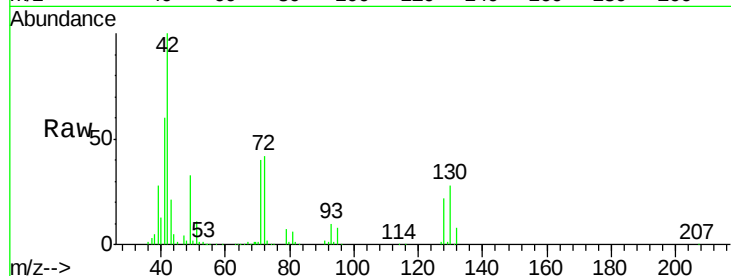




#29
Tetrahydrofuran
Concen: 326.146 ug/l
RT: 7.54 min Scan# 976
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

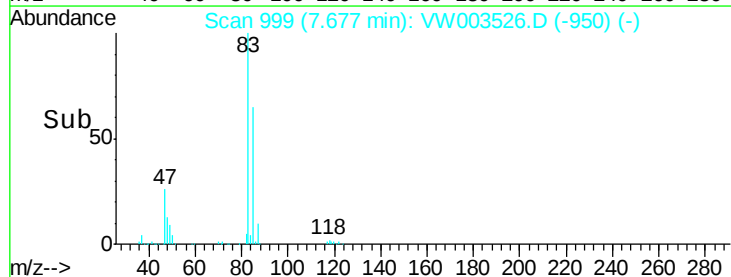
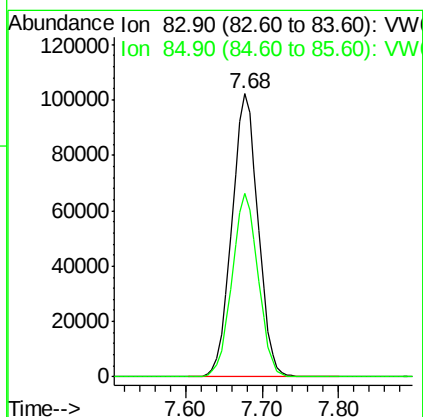
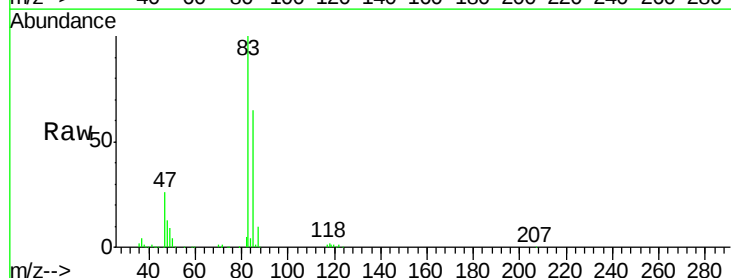
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

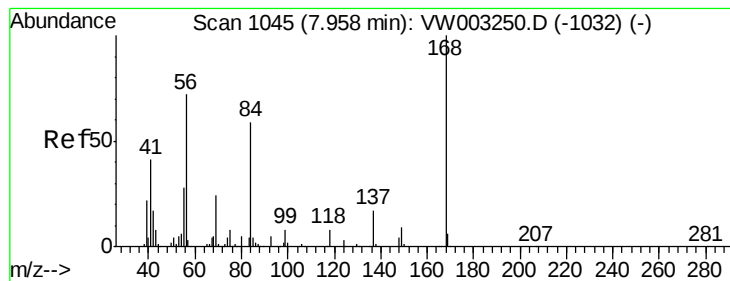
Tgt Ion: 42 Resp: 129476
Ion Ratio Lower Upper
42 100
72 39.5 32.4 48.6
71 38.8 31.2 46.8



#30
Chloroform
Concen: 55.050 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 83 Resp: 241614
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9





#31

Cyclohexane

Concen: 48.950 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

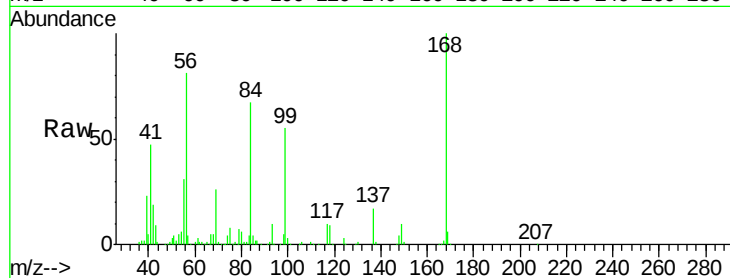
Tgt Ion: 56 Resp: 197009

Ion Ratio Lower Upper

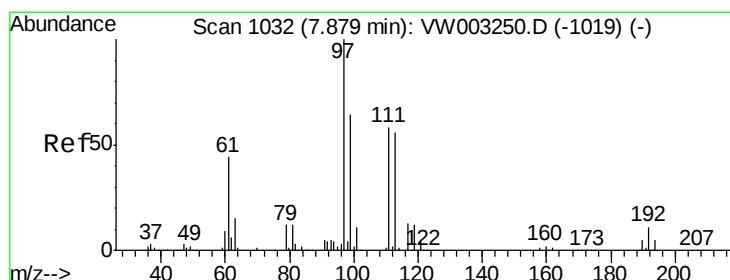
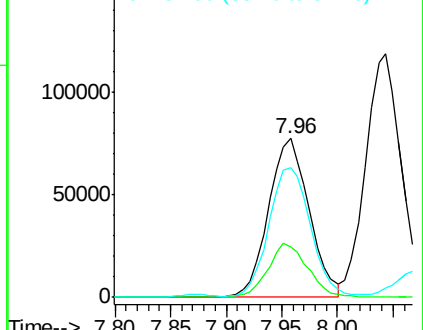
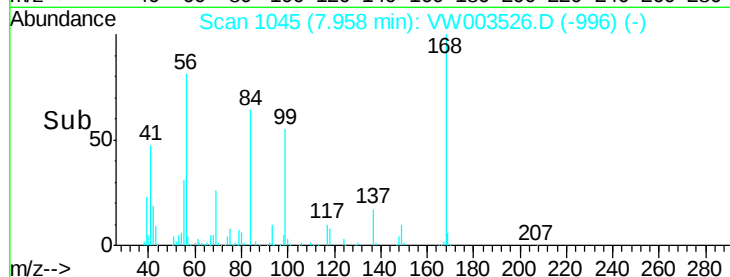
56 100

69 31.7 26.3 39.5

84 80.4 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: 51.559 ug/l

RT: 7.87 min Scan# 1031

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

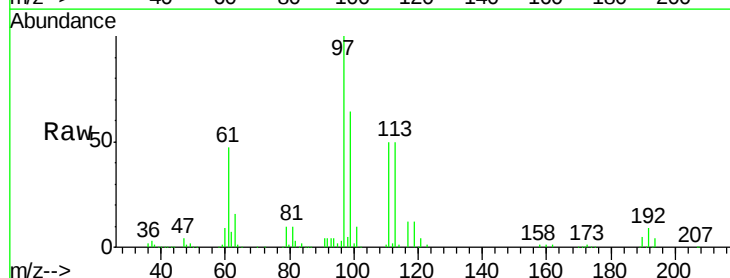
Tgt Ion: 97 Resp: 186787

Ion Ratio Lower Upper

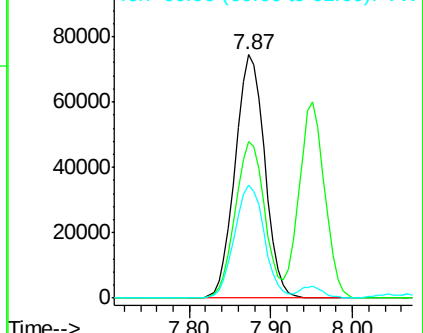
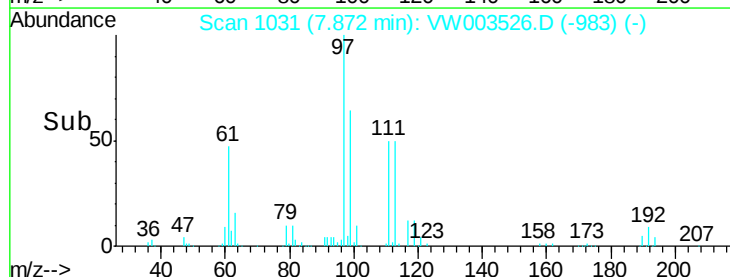
97 100

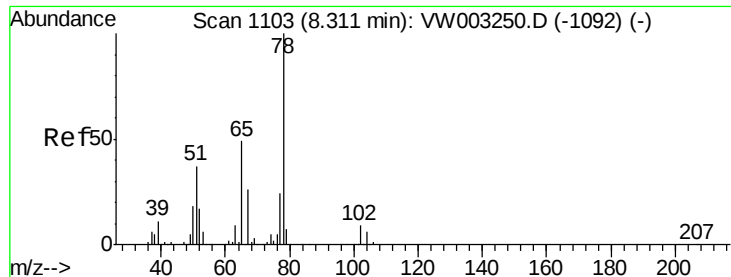
99 64.5 51.7 77.5

61 46.6 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: 62.169 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

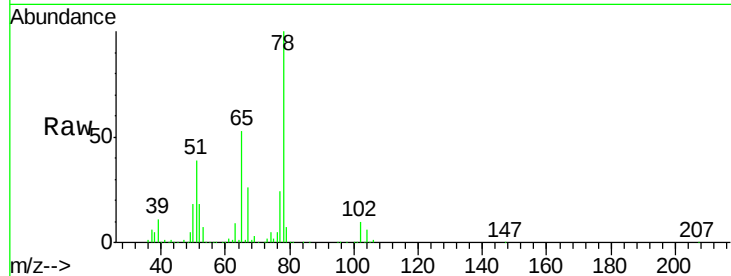
VSTDCCC050EC

Tgt Ion: 65 Resp: 154844

Ion Ratio Lower Upper

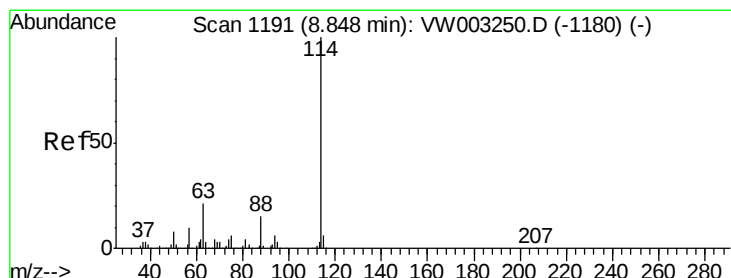
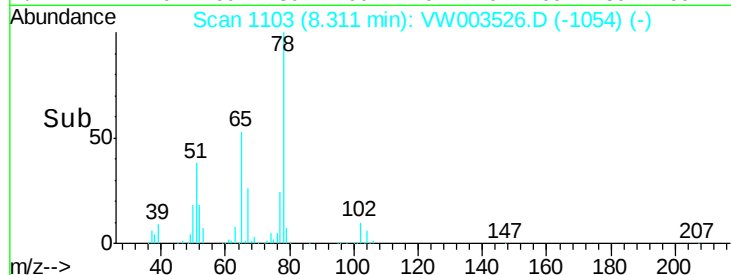
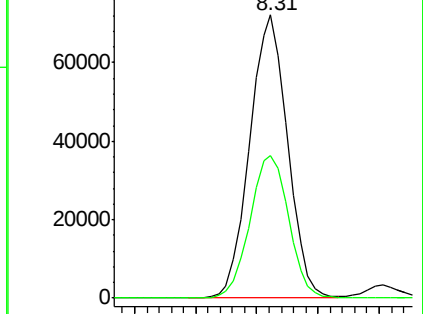
65 100

67 51.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

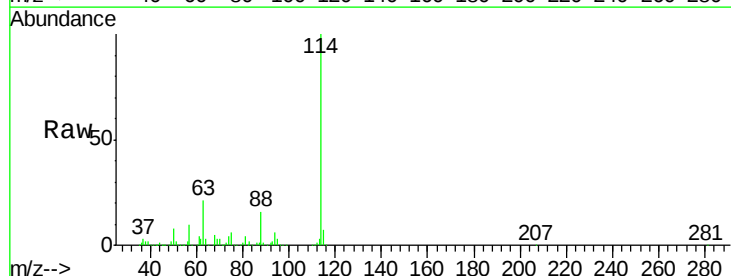
Tgt Ion: 114 Resp: 376053

Ion Ratio Lower Upper

114 100

63 21.3 0.0 43.0

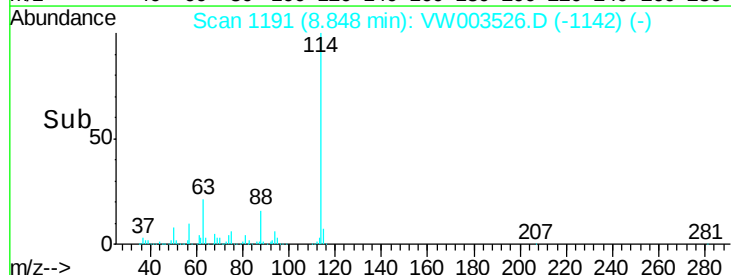
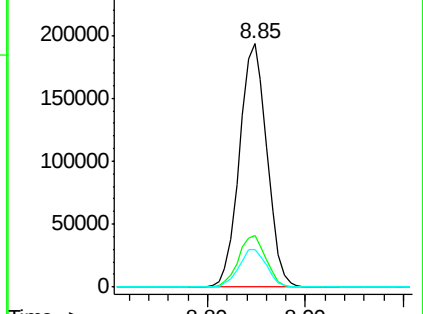
88 15.7 0.0 29.6

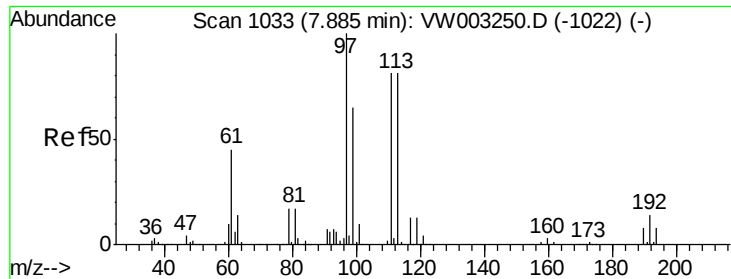


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

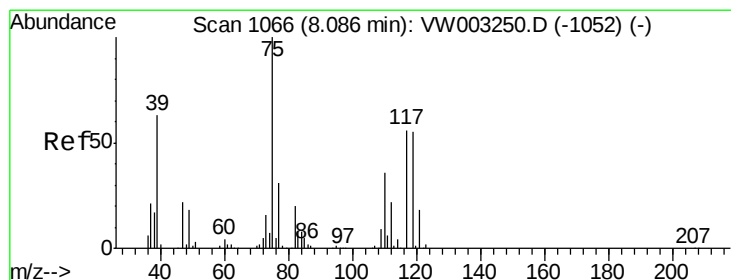
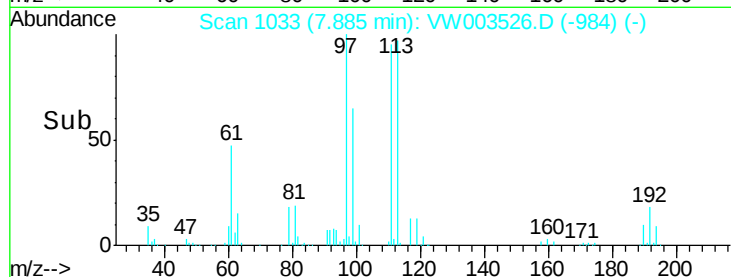
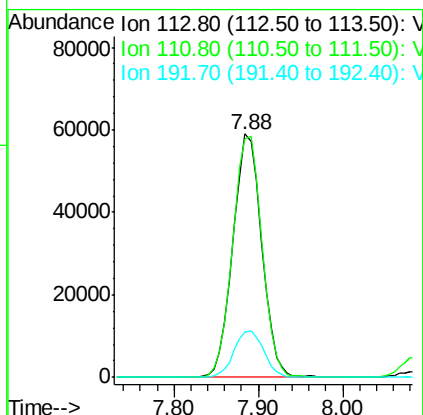
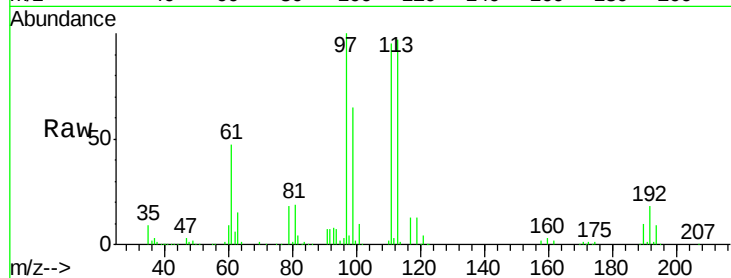




#35
 Dibromofluoromethane
 Concen: 58.146 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

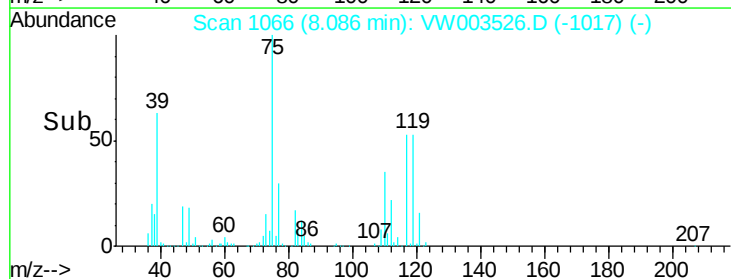
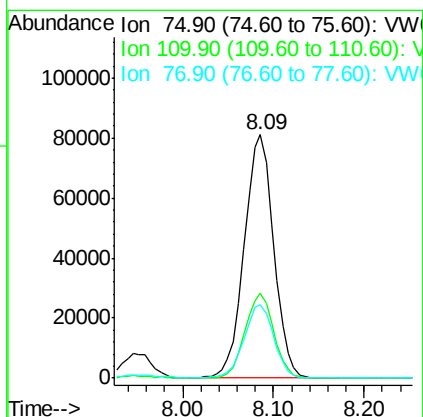
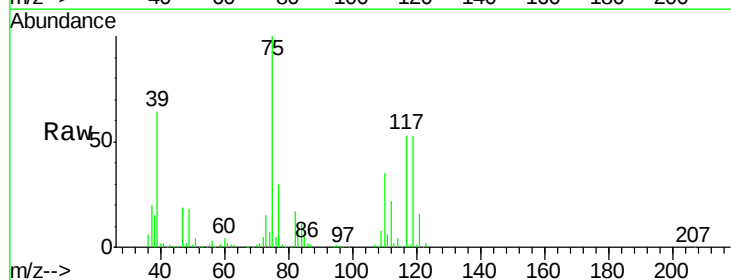
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

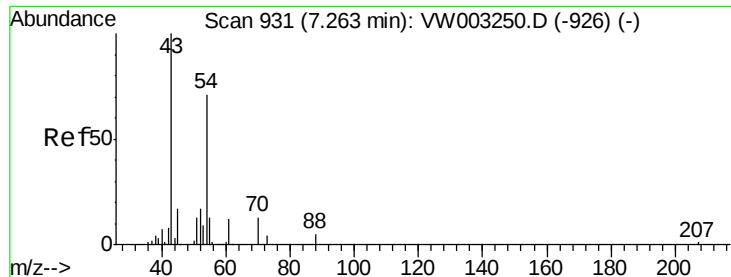
Tgt Ion: 113 Resp: 135869
 Ion Ratio Lower Upper
 113 100
 111 101.0 82.2 123.2
 192 19.6 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 50.228 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 75 Resp: 182412
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.1 51.3
 77 30.6 24.9 37.3





#37

Ethyl Acetate

Concen: 60.488 ug/l

RT: 7.26 min Scan# 931

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

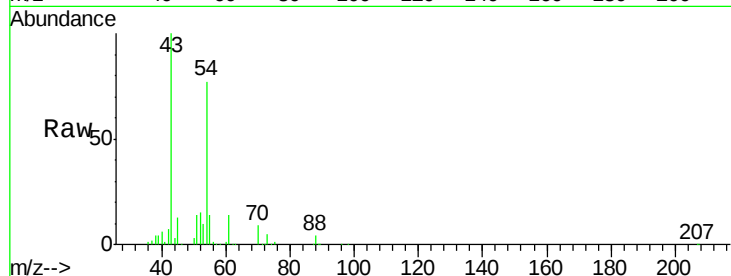
Tgt Ion: 43 Resp: 91005

Ion Ratio Lower Upper

43 100

61 13.5 10.8 16.2

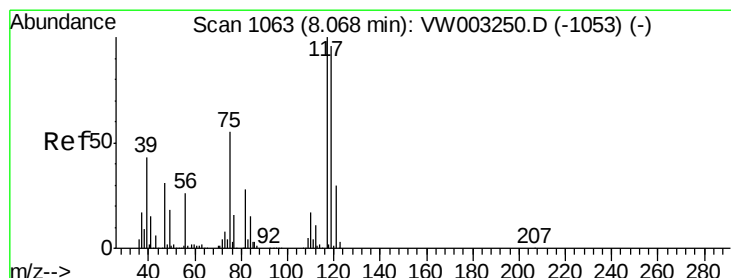
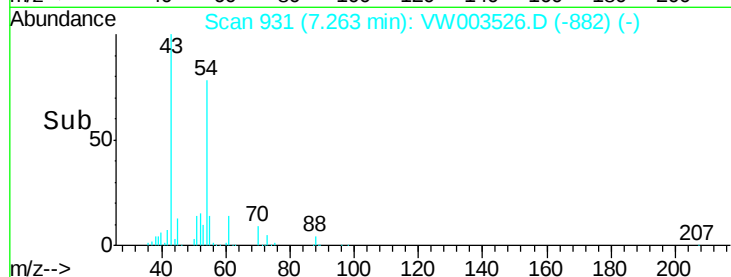
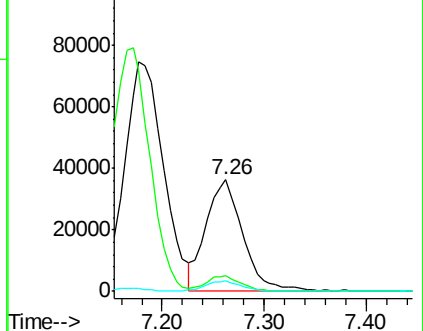
70 9.4 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 48.512 ug/l

RT: 8.07 min Scan# 1063

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

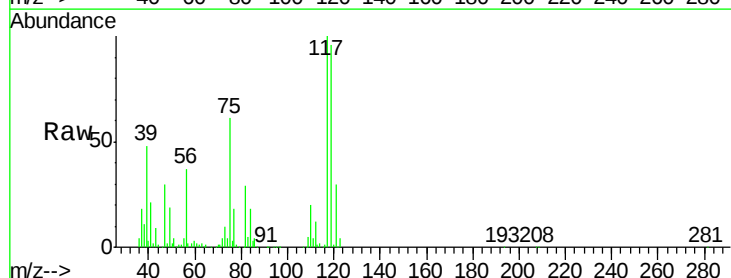
Tgt Ion: 117 Resp: 172817

Ion Ratio Lower Upper

117 100

119 95.6 76.6 115.0

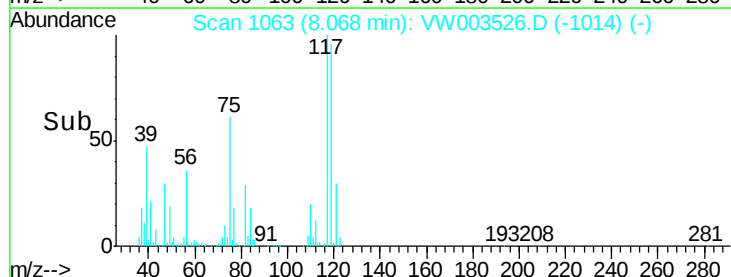
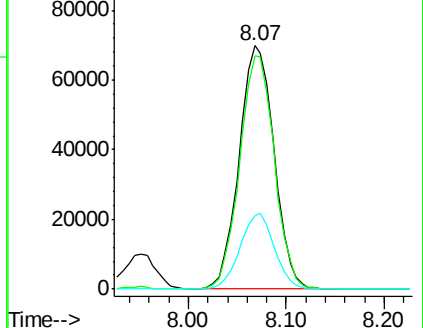
121 30.3 23.9 35.9

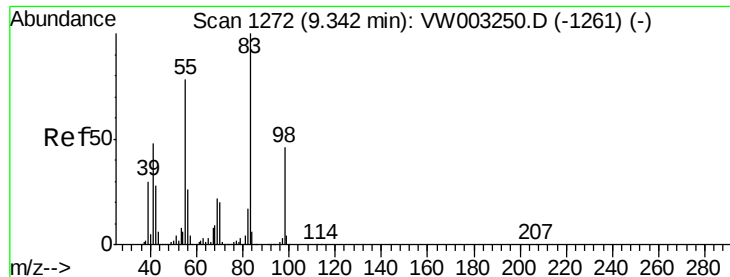


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

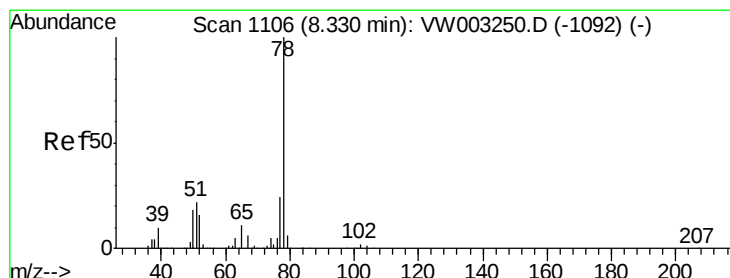
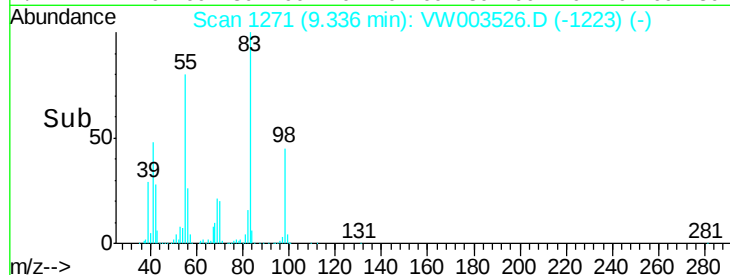
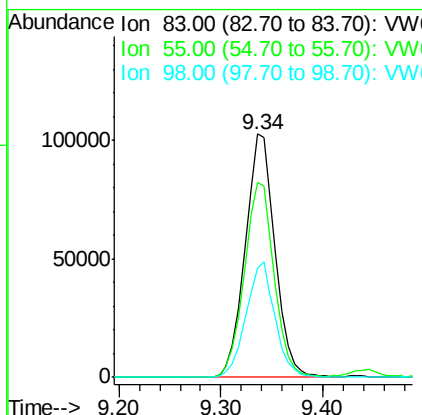
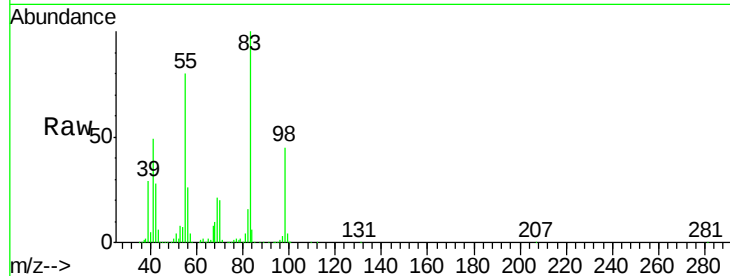




#39
Methylcyclohexane
Concen: 49.727 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

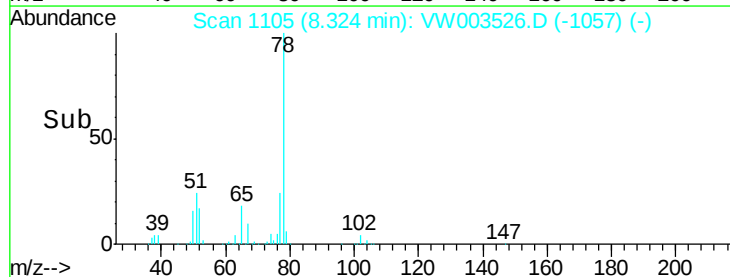
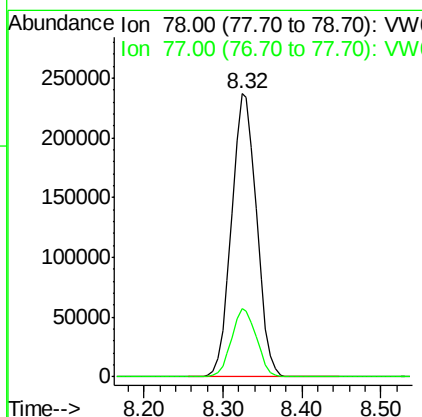
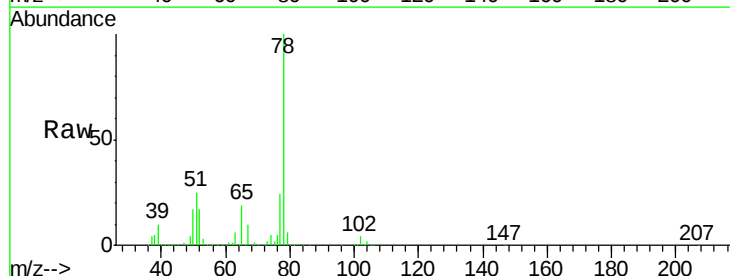
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 208959
Ion Ratio Lower Upper
83 100
55 79.9 62.6 93.8
98 44.8 37.0 55.4



#40
Benzene
Concen: 52.309 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 78 Resp: 523639
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.6

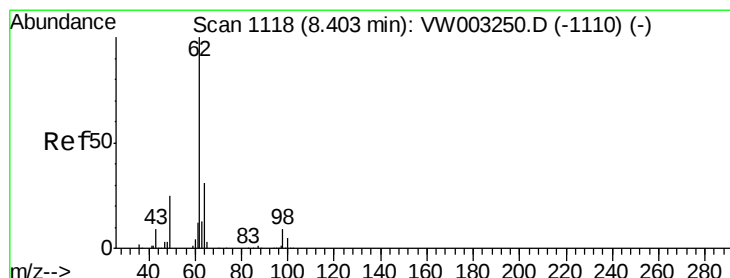
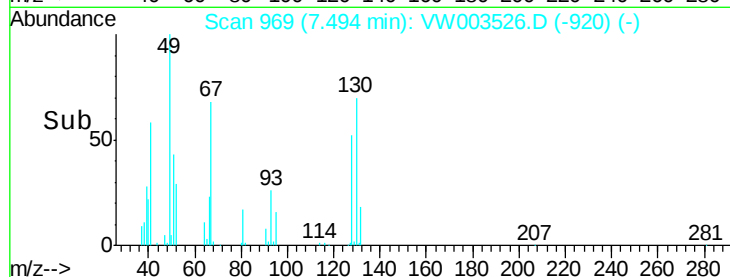
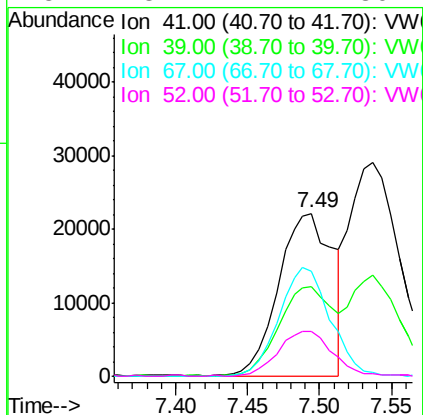
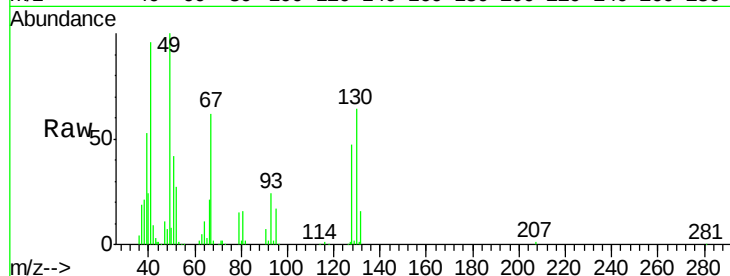




#41
Methacrylonitrile
Concen: 62.783 ug/l
RT: 7.49 min Scan# 969
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

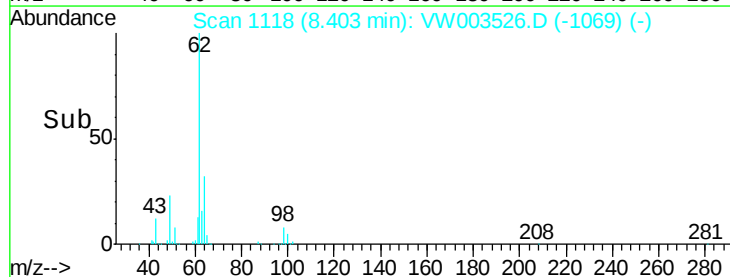
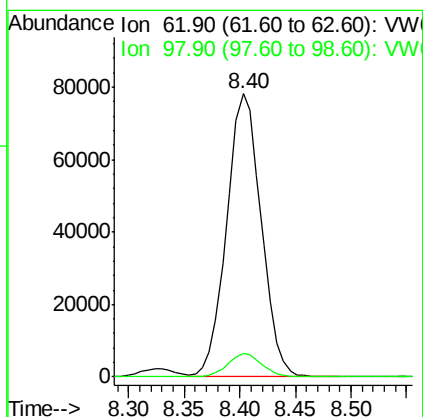
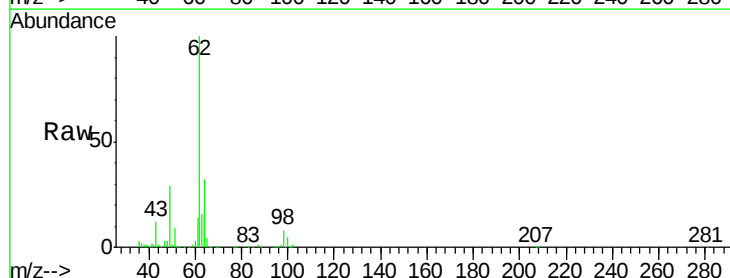
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	57965
Ion	Ratio	Lower	Upper
41	100		
39	55.0	45.8	68.8
67	63.5	52.3	78.5
52	28.1	24.1	36.1



#42
1,2-Dichloroethane
Concen: 53.576 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:	62	Resp:	168034
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.2

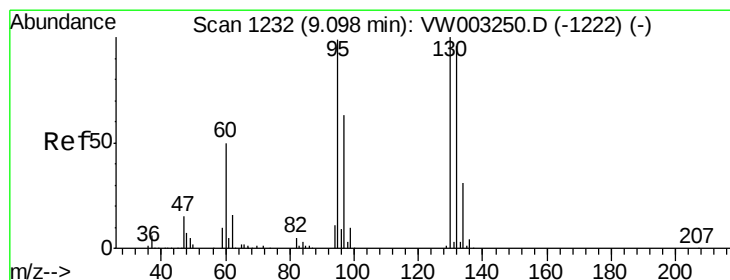
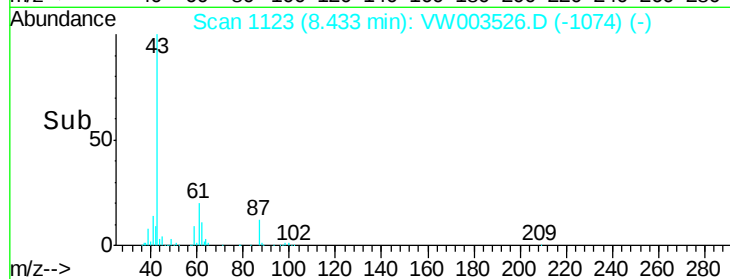
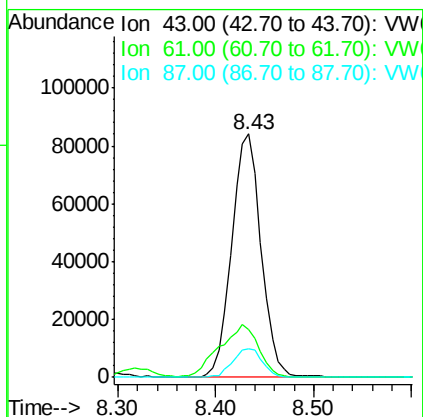
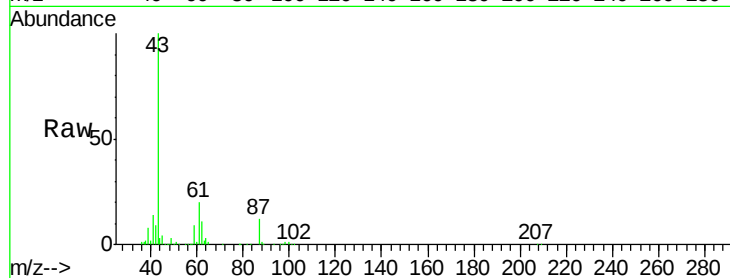




#43
Isopropyl Acetate
Concen: 58.218 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

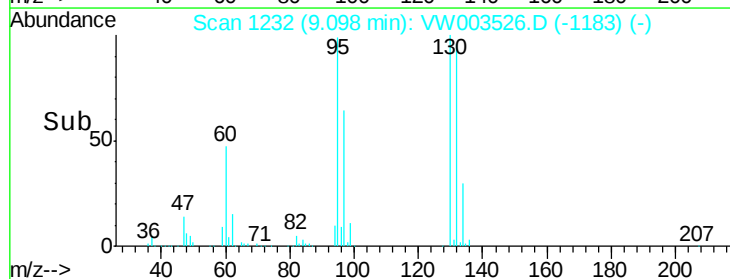
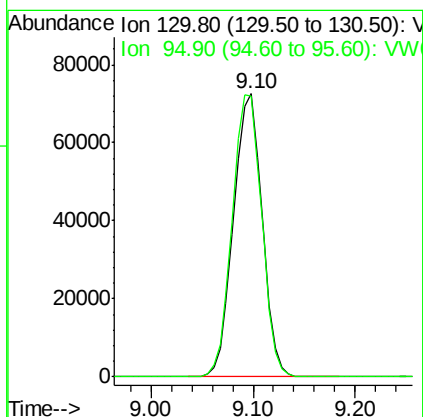
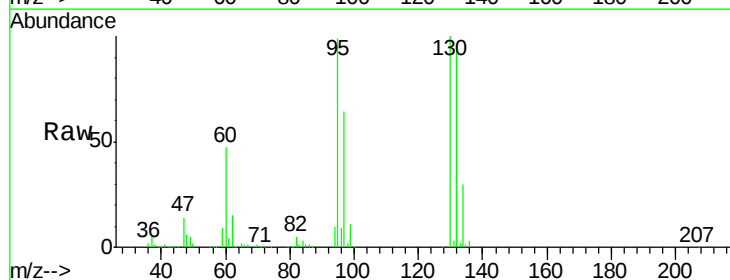
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 173922
Ion Ratio Lower Upper
43 100
61 29.2 23.1 34.7
87 12.1 9.8 14.6



#44
Trichloroethene
Concen: 53.159 ug/l
RT: 9.10 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 130 Resp: 141008
Ion Ratio Lower Upper
130 100
95 98.9 0.0 198.0

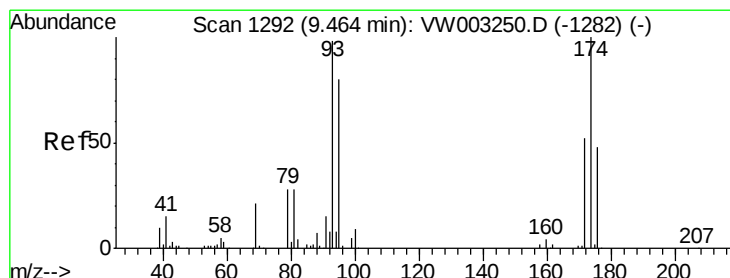
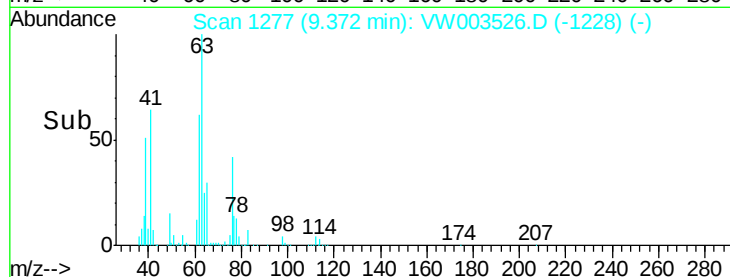
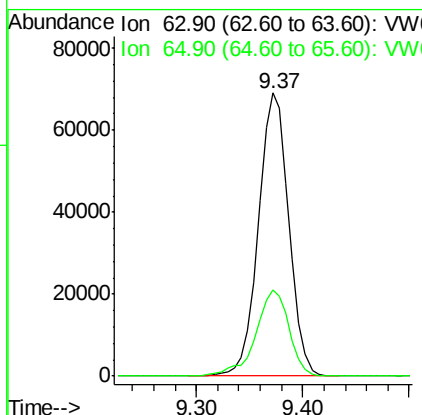
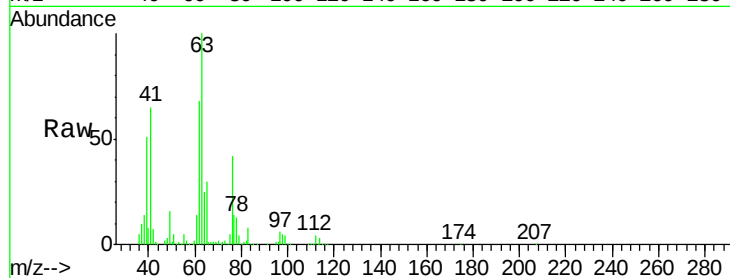




#45
 1,2-Dichloropropane
 Concen: 54.139 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

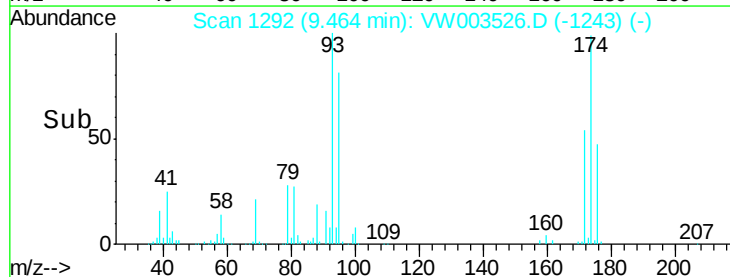
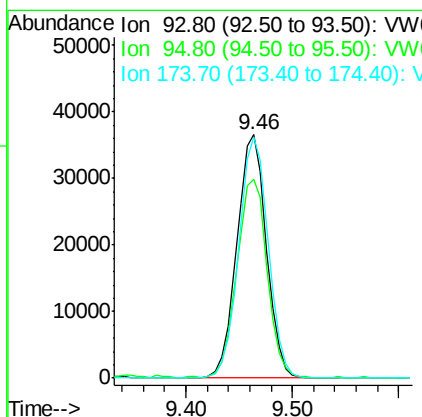
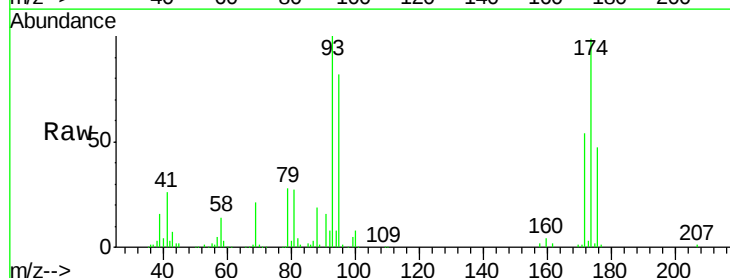
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

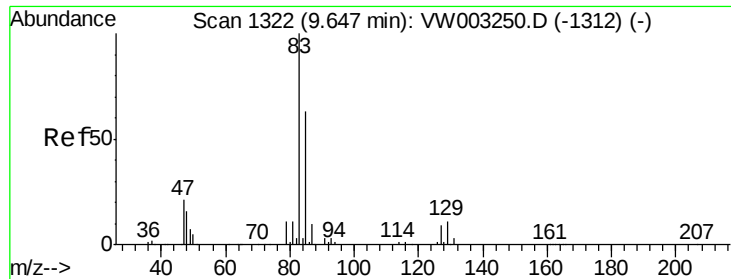
Tgt Ion: 63 Resp: 137991
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.1 37.7



#46
 Dibromomethane
 Concen: 54.611 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 93 Resp: 71264
 Ion Ratio Lower Upper
 93 100
 95 83.4 65.8 98.8
 174 98.7 81.4 122.0





#47

Bromodichloromethane

Concen: 53.507 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

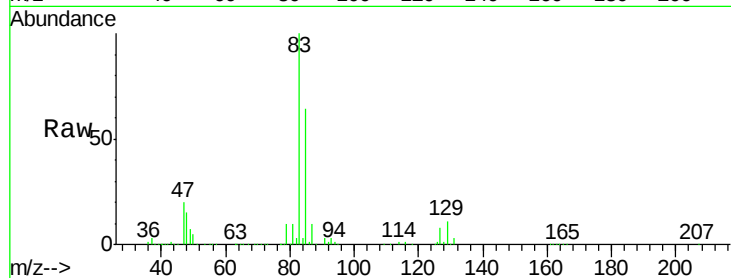
Tgt Ion: 83 Resp: 178977

Ion Ratio Lower Upper

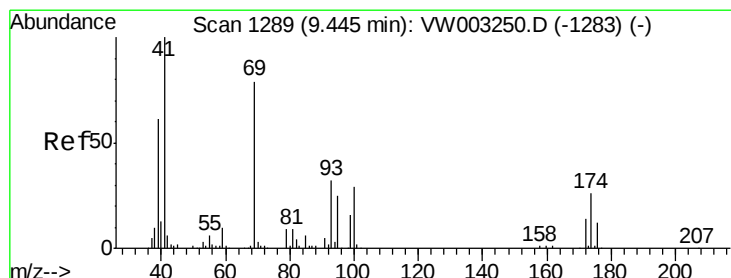
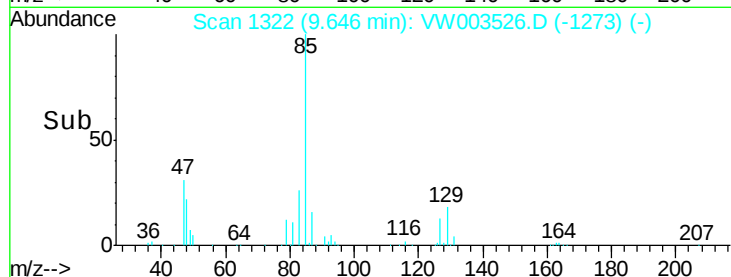
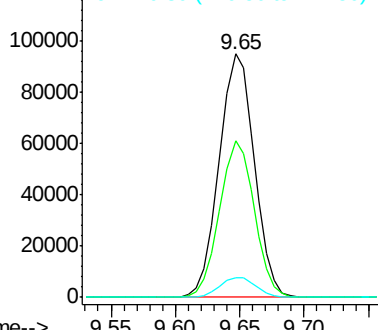
83 100

85 64.5 50.6 75.8

127 8.1 6.8 10.2



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



#48

Methyl methacrylate

Concen: 61.527 ug/l

RT: 9.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

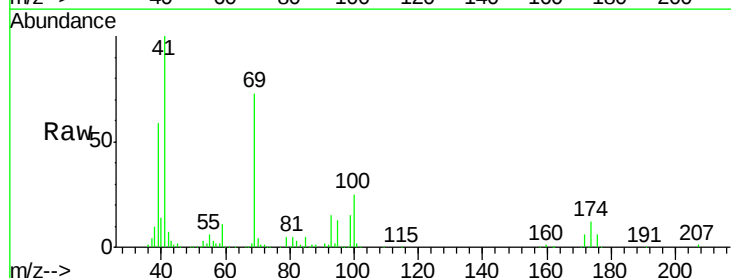
Tgt Ion: 41 Resp: 86380

Ion Ratio Lower Upper

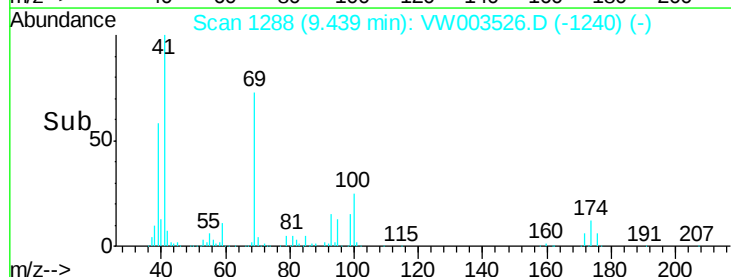
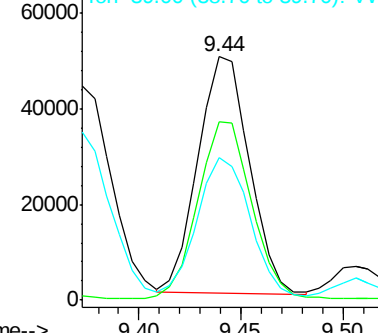
41 100

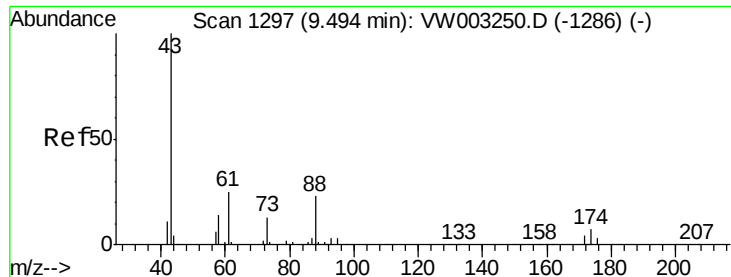
69 79.7 65.4 98.2

39 63.7 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: 1152.557 ug/l

RT: 9.48 min Scan# 1294

Delta R.T. -0.02 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

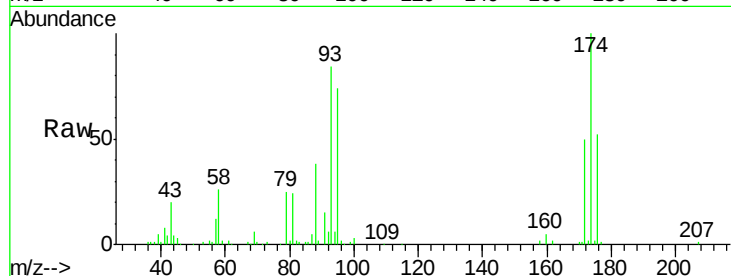
Tgt Ion: 88 Resp: 22709

Ion Ratio Lower Upper

88 100

43 0.0 454.7 682.1#

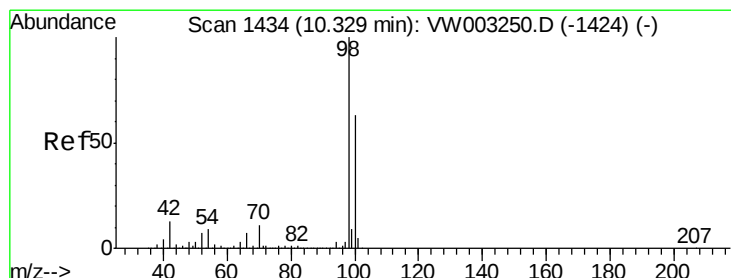
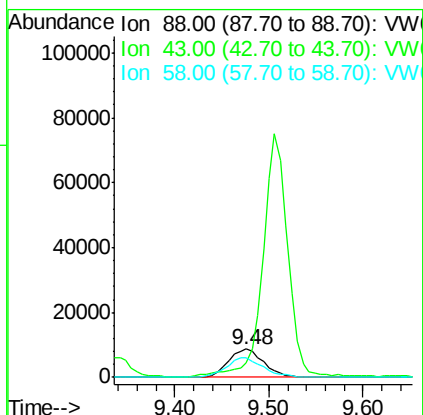
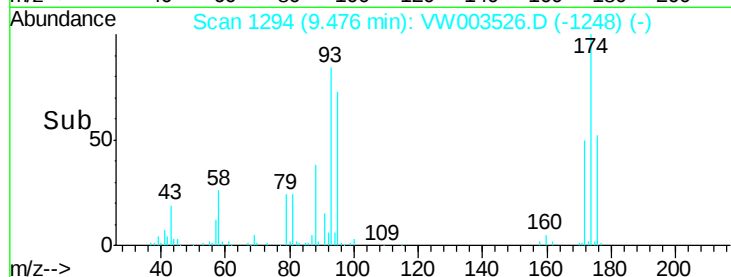
58 73.4 58.6 88.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 57.173 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW003526.D

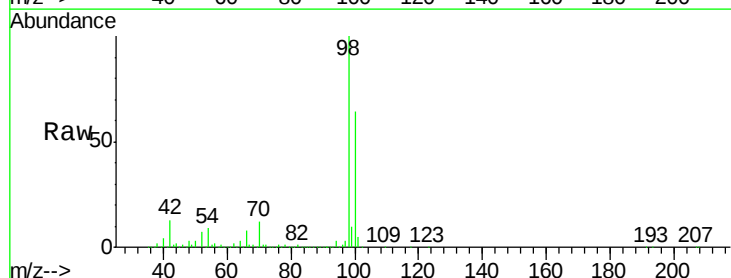
Acq: 24 Jun 2018 21:58

Tgt Ion: 98 Resp: 529738

Ion Ratio Lower Upper

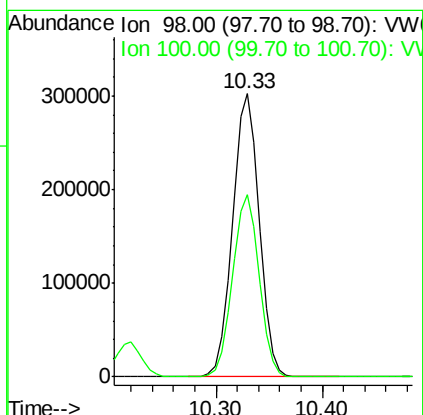
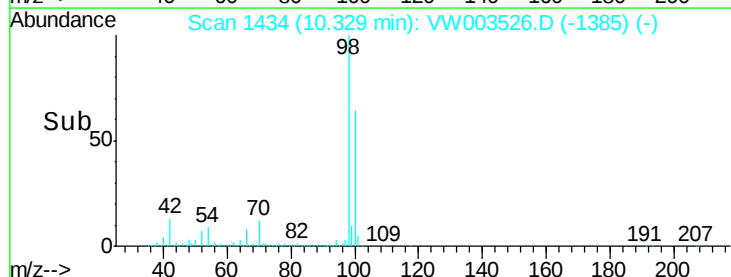
98 100

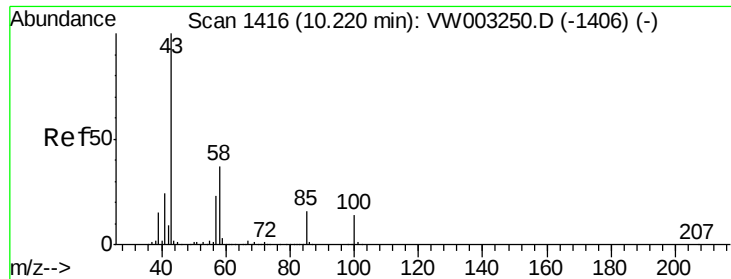
100 64.4 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

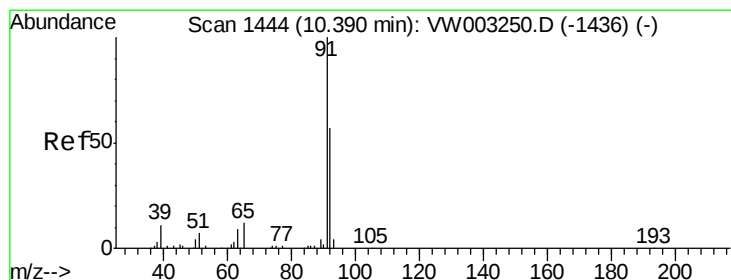
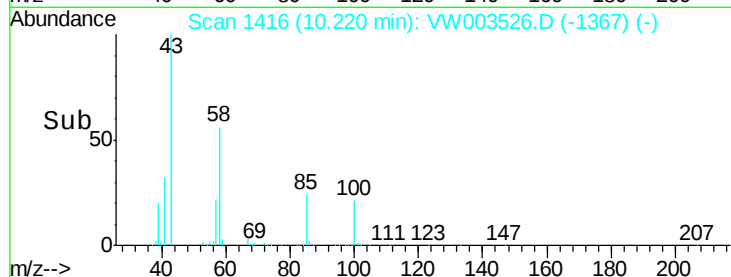
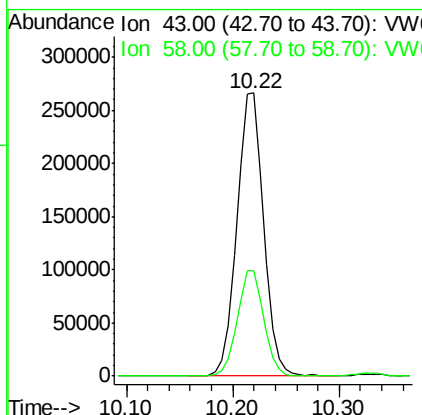
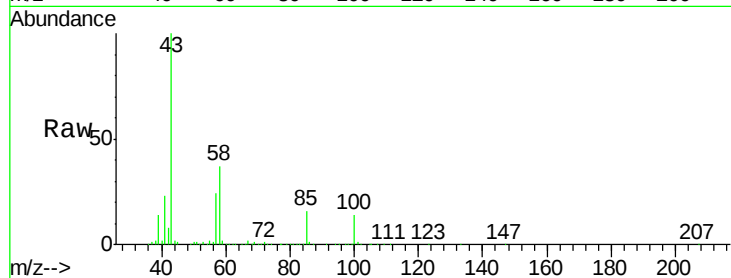




#51
 4-Methyl-2-Pentanone
 Concen: 307.279 ug/l
 RT: 10.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

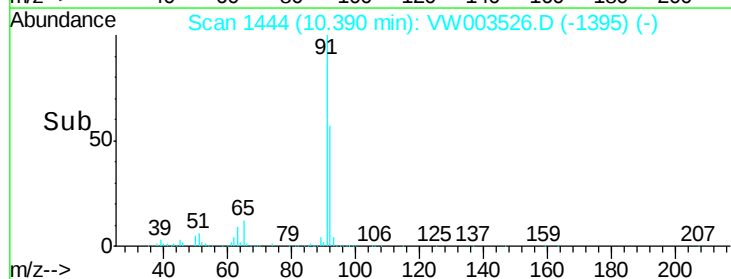
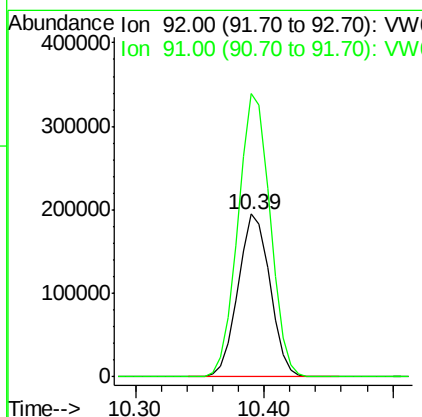
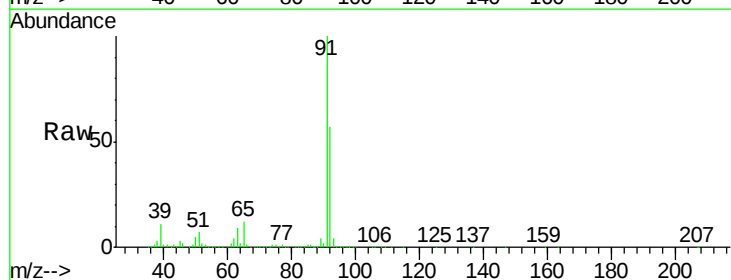
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

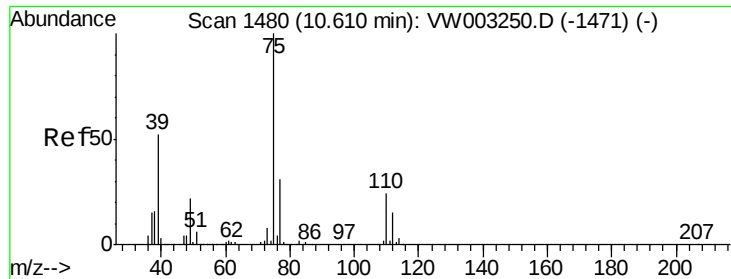
Tgt Ion: 43 Resp: 467757
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.4



#52
 Toluene
 Concen: 52.105 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 92 Resp: 334482
 Ion Ratio Lower Upper
 92 100
 91 175.3 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 53.899 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

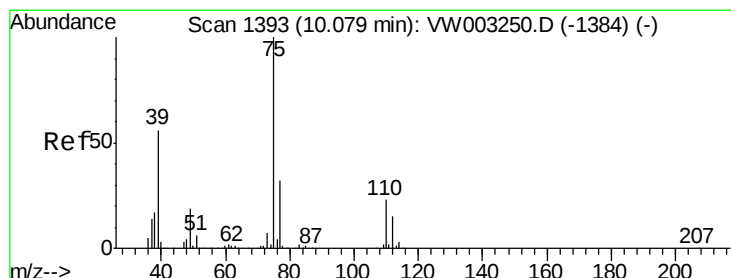
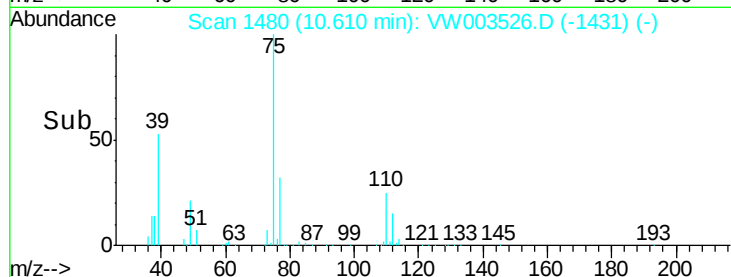
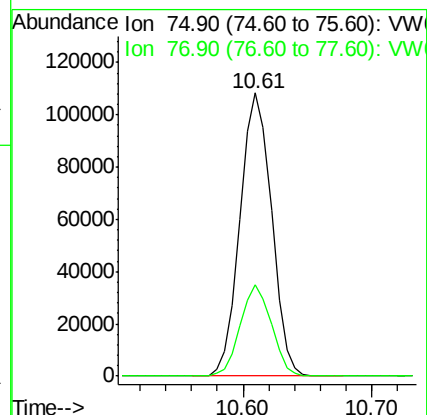
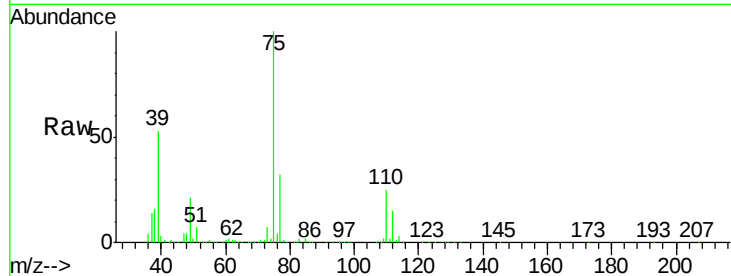
VSTDCCC050EC

Tgt Ion: 75 Resp: 184167

Ion Ratio Lower Upper

75 100

77 32.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 53.550 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

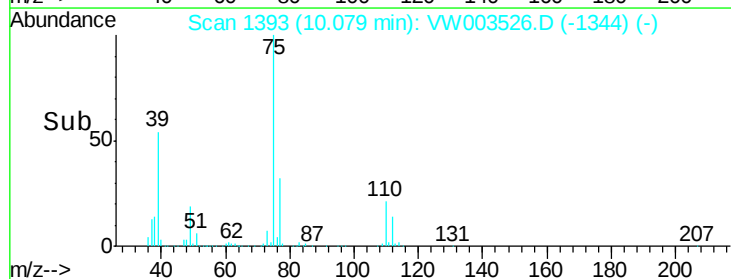
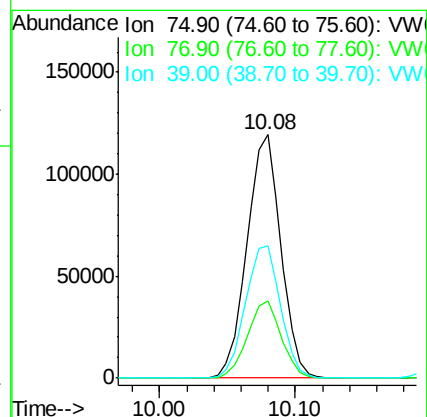
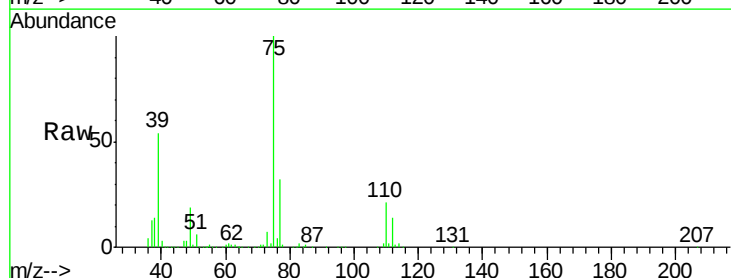
Tgt Ion: 75 Resp: 208256

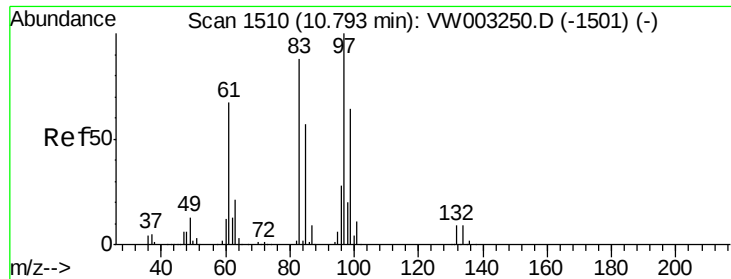
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 54.2 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 55.242 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 101582

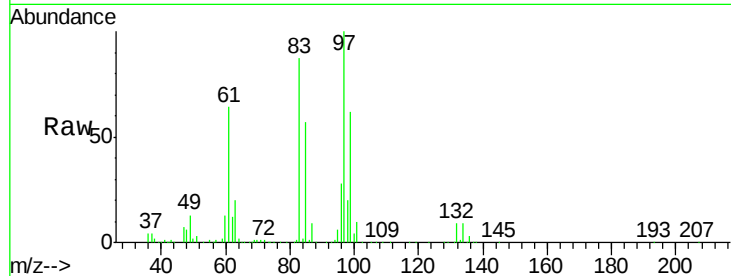
Ion Ratio Lower Upper

97 100

83 87.1 70.2 105.2

85 56.8 45.6 68.4

99 62.5 51.2 76.8

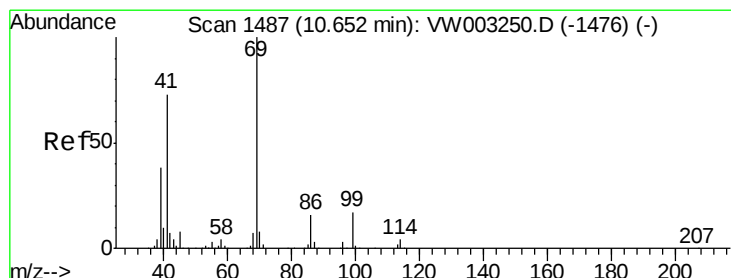
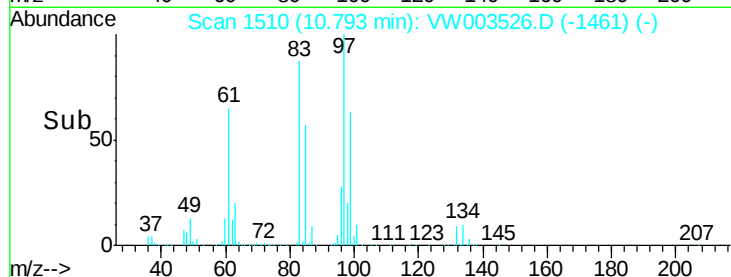
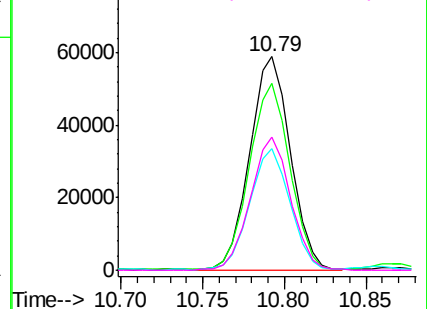


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 60.999 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

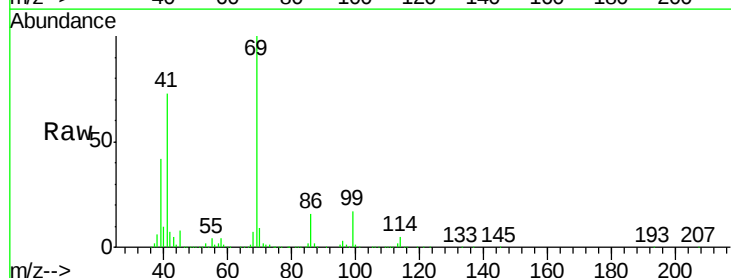
Tgt Ion: 69 Resp: 136209

Ion Ratio Lower Upper

69 100

41 74.1 57.8 86.6

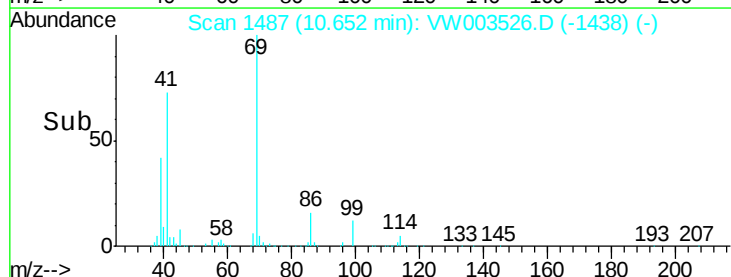
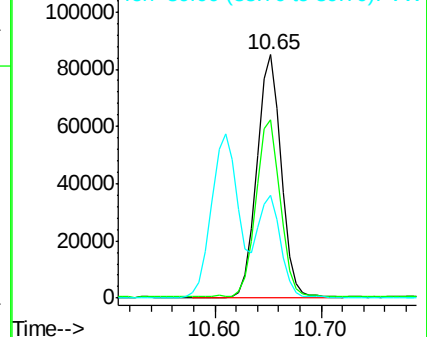
39 38.4 32.7 49.1



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

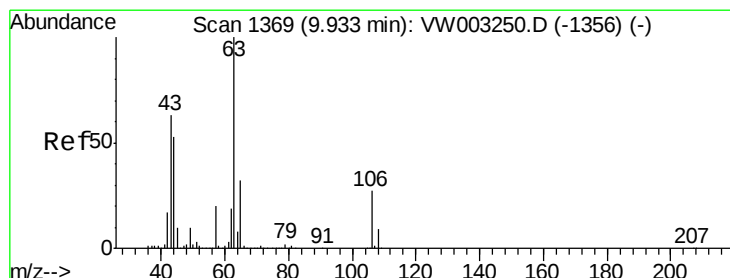
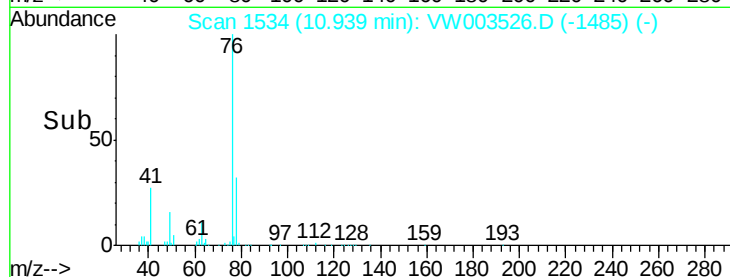
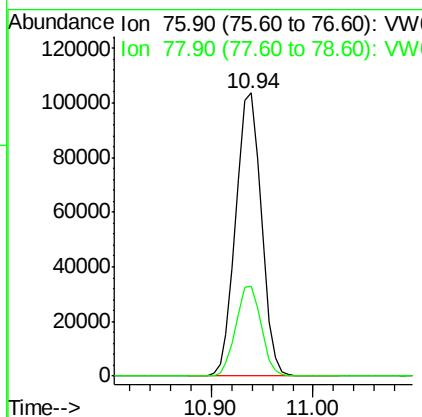
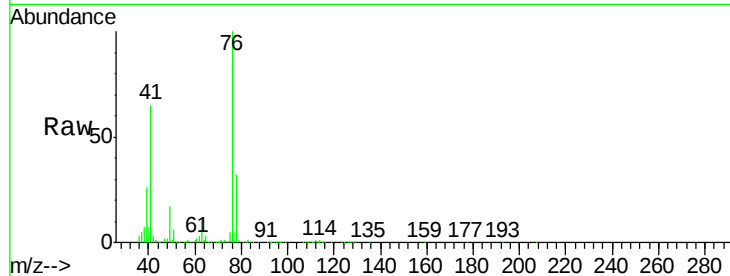




#57
 1,3-Dichloropropane
 Concen: 56.769 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

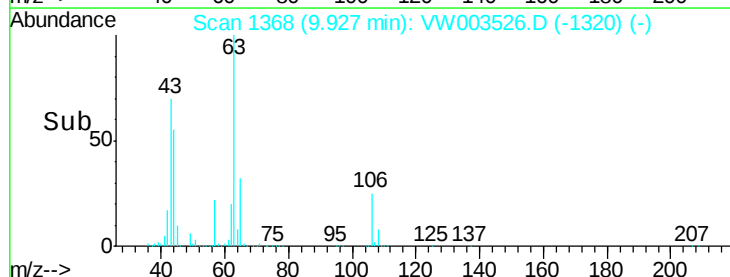
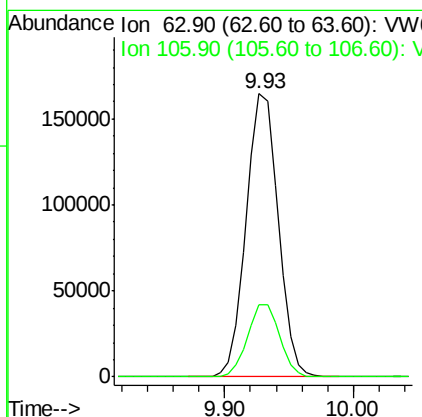
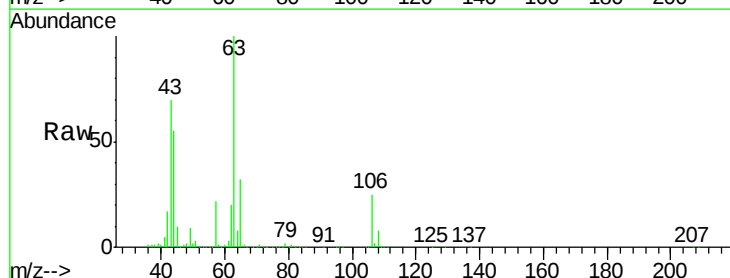
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

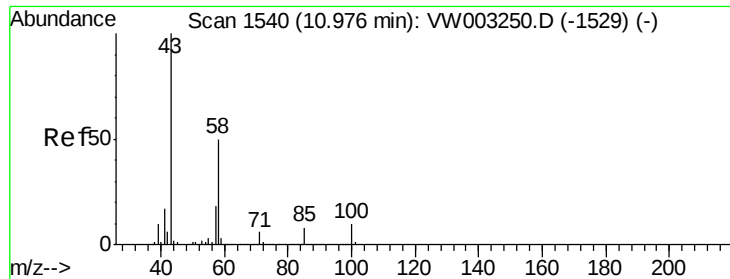
Tgt Ion: 76 Resp: 180041
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.108 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 63 Resp: 282388
 Ion Ratio Lower Upper
 63 100
 106 25.7 21.8 32.8

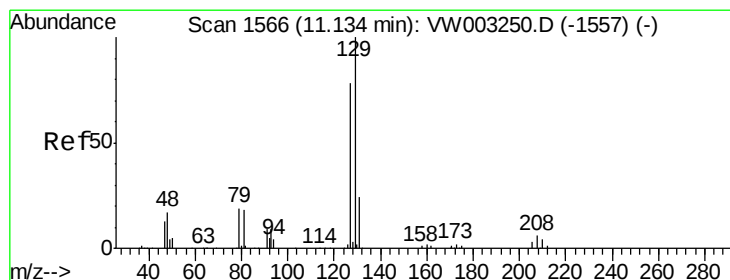
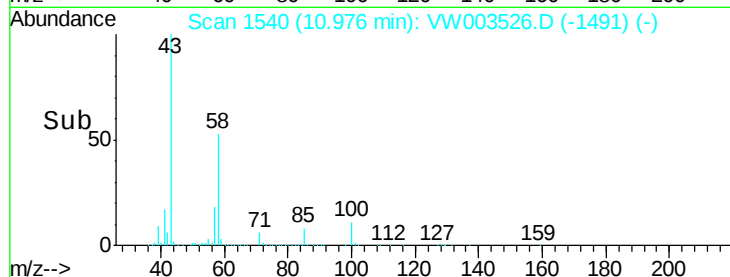
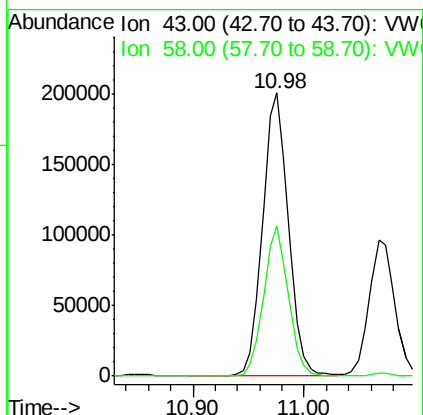
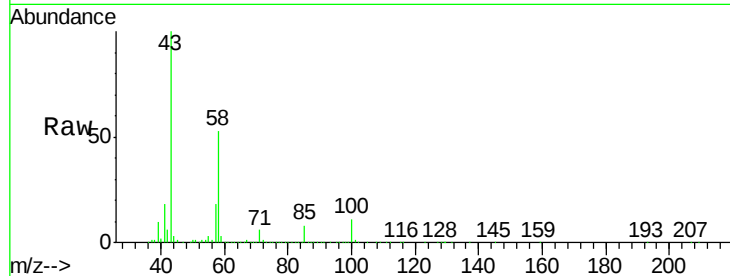




#59
2-Hexanone
Concen: 304.403 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

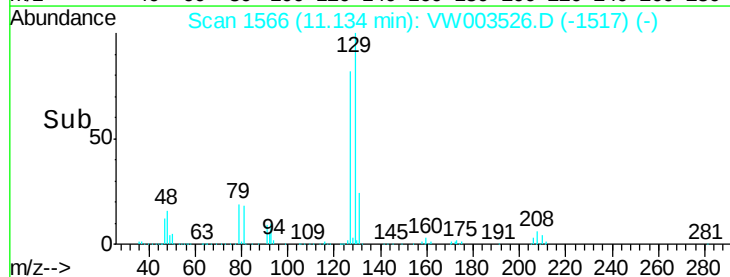
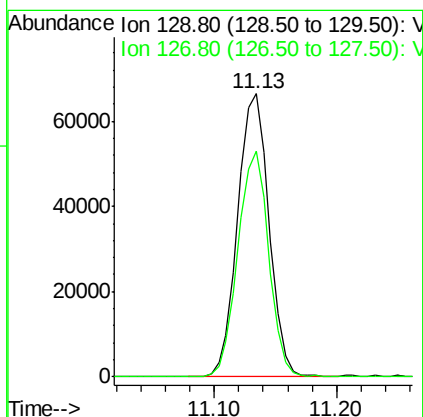
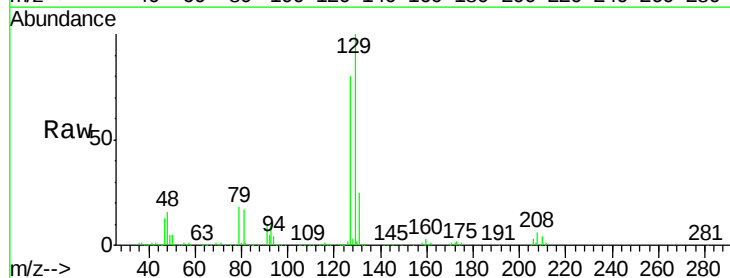
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

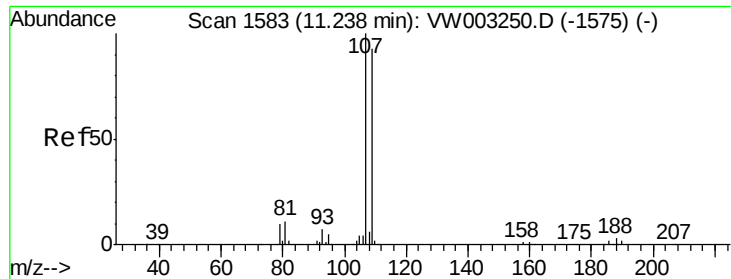
Tgt Ion: 43 Resp: 323711
Ion Ratio Lower Upper
43 100
58 51.0 25.0 75.0



#60
Dibromochloromethane
Concen: 53.715 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 129 Resp: 117464
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5

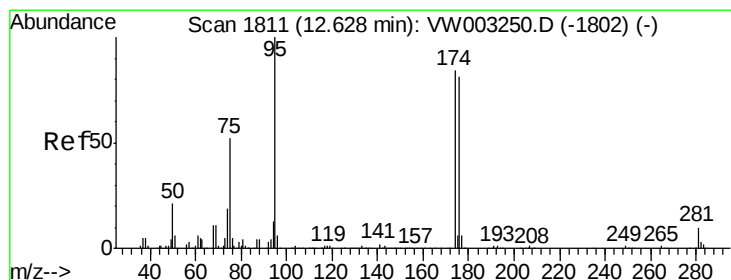
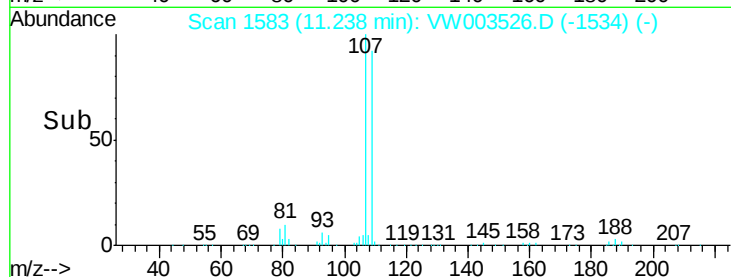
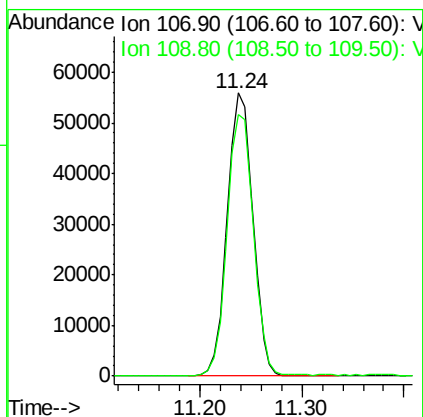
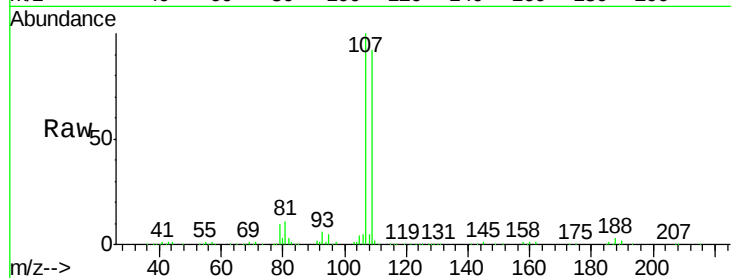




#61
 1,2-Dibromoethane
 Concen: 56.105 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

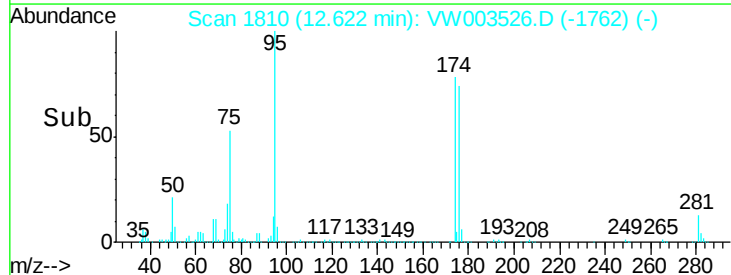
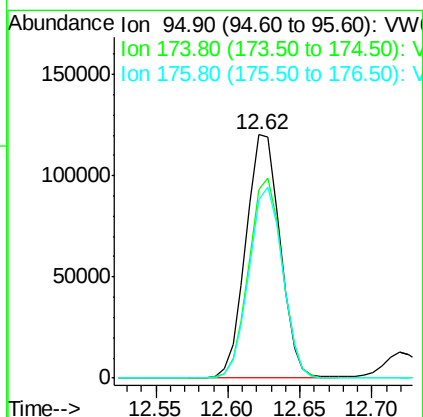
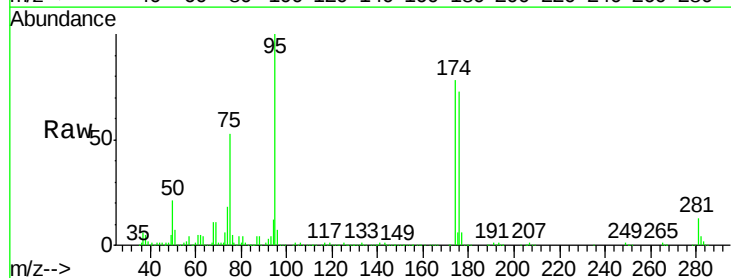
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

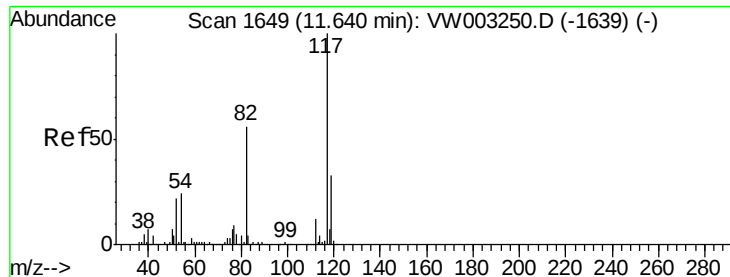
Tgt Ion: 107 Resp: 97588
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 60.069 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 95 Resp: 196965
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 166.4
 176 77.3 0.0 162.0

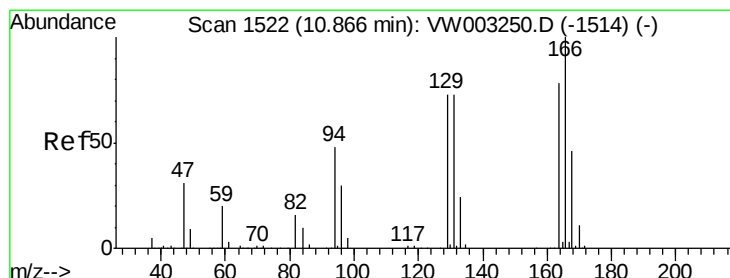
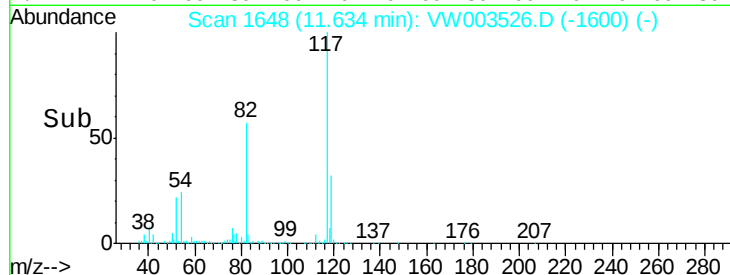
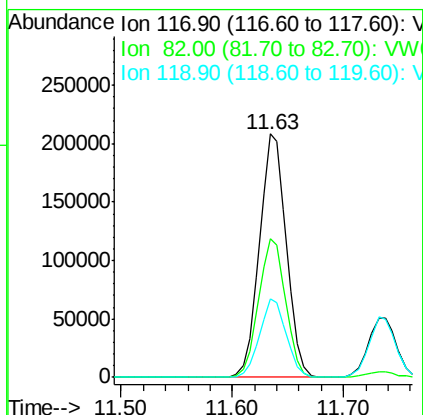
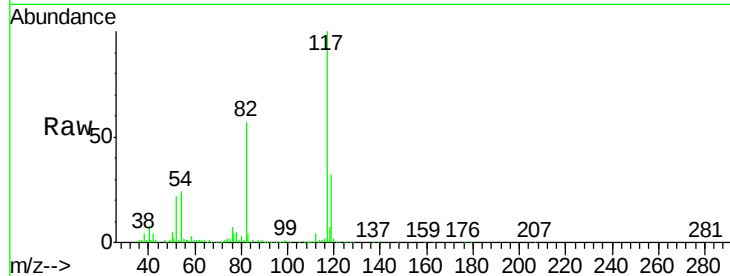




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

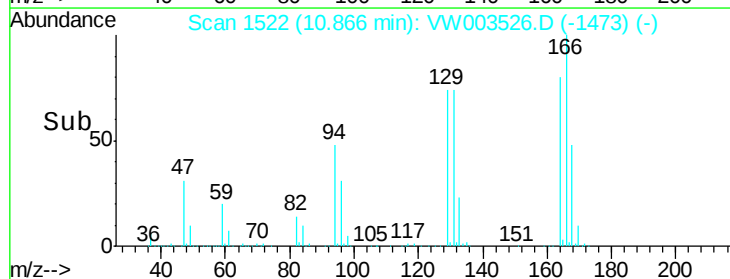
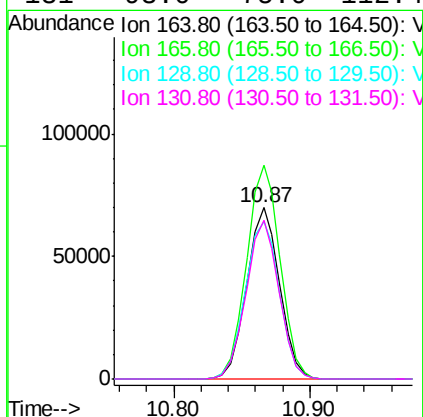
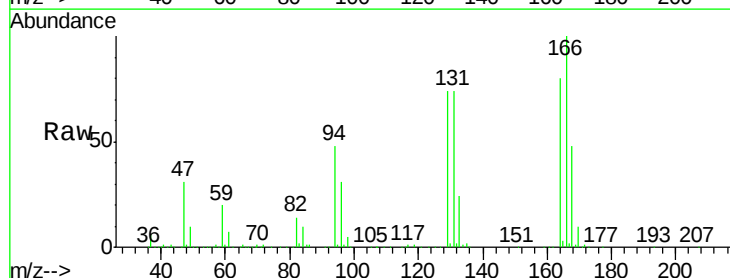
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

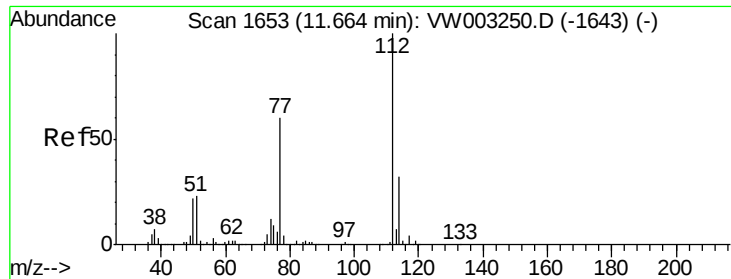
Tgt Ion:117 Resp: 350860
Ion Ratio Lower Upper
117 100
82 56.9 44.6 67.0
119 32.2 26.7 40.1



#64
Tetrachloroethene
Concen: 50.304 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:164 Resp: 118051
Ion Ratio Lower Upper
164 100
166 124.9 102.6 154.0
129 92.0 75.2 112.8
131 93.0 75.0 112.4

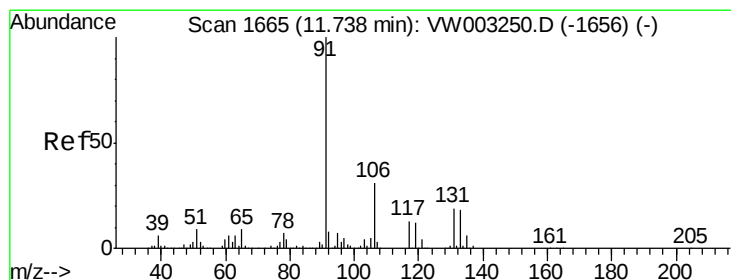
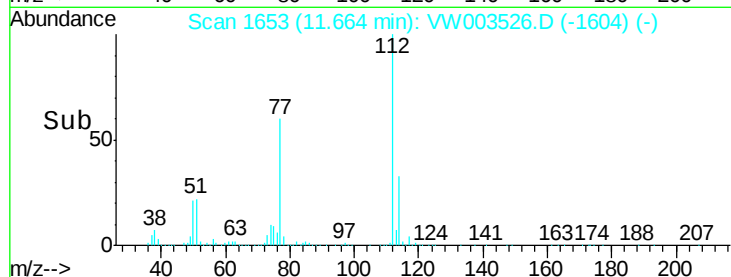
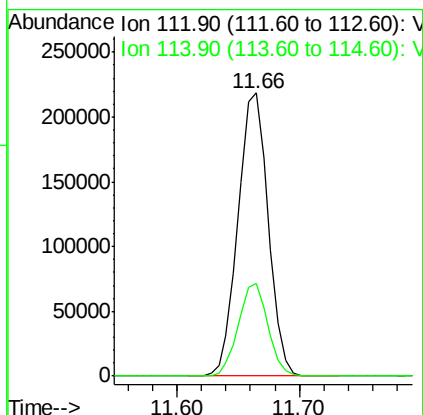
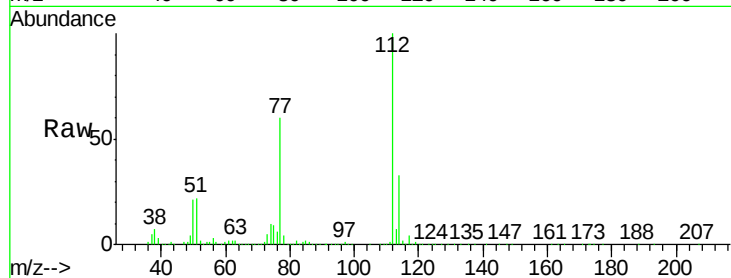




#65
Chlorobenzene
Concen: 51.213 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

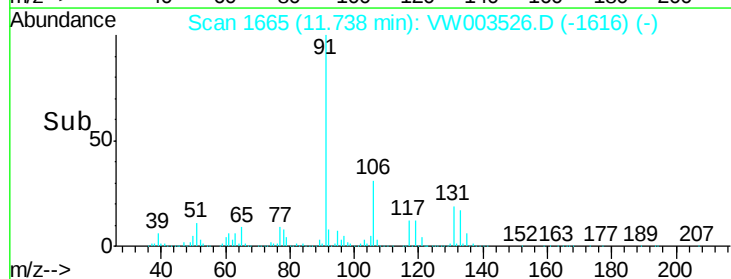
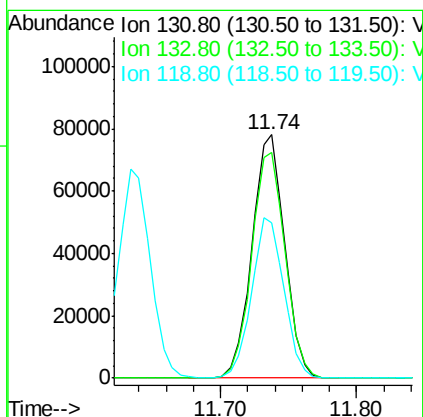
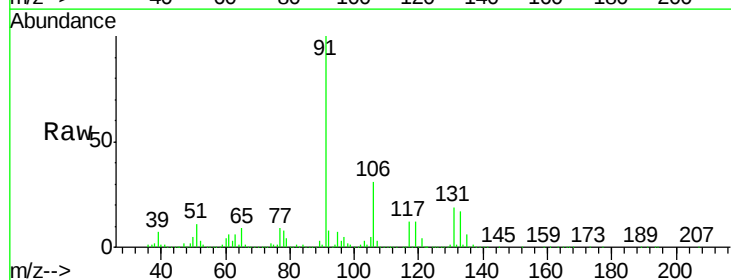
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

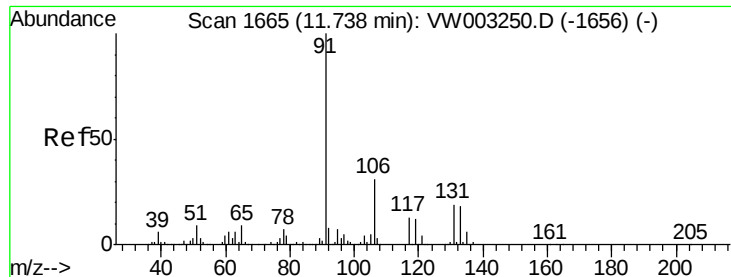
Tgt Ion:112 Resp: 374179
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.304 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:131 Resp: 131729
Ion Ratio Lower Upper
131 100
133 94.8 47.3 142.0
119 65.2 32.5 97.4

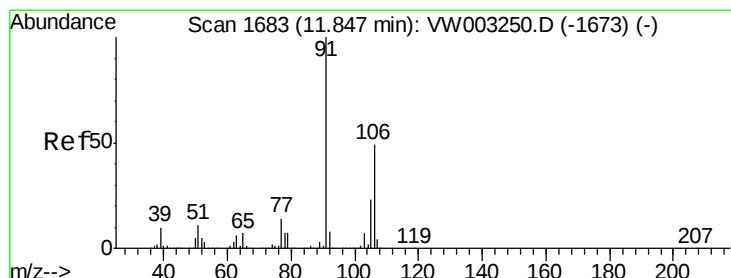
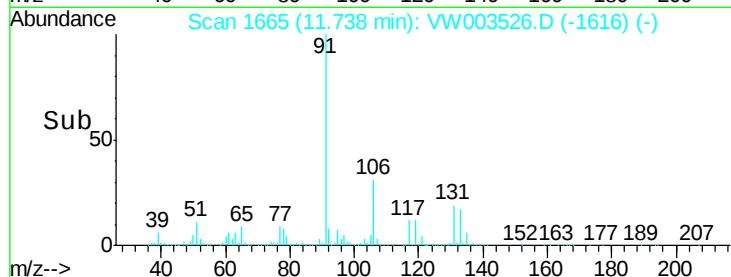
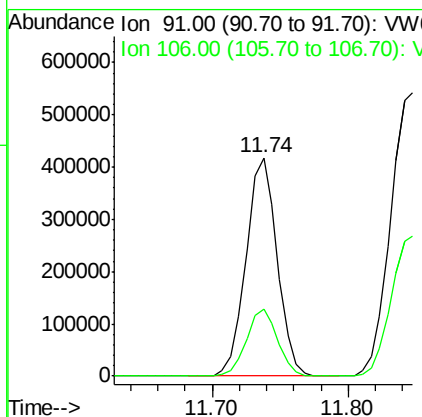
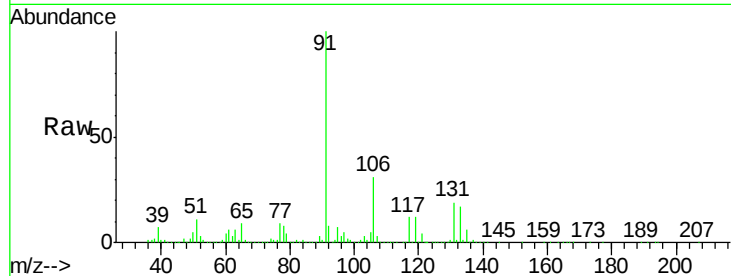




#67
Ethyl Benzene
Concen: 51.548 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

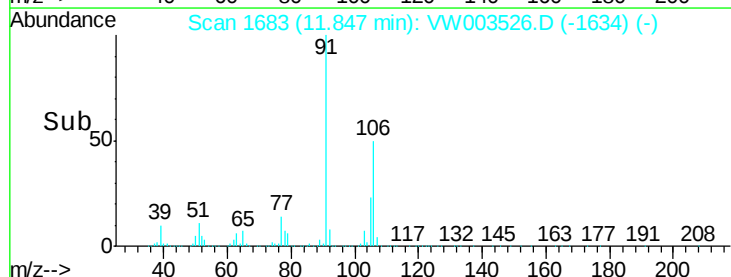
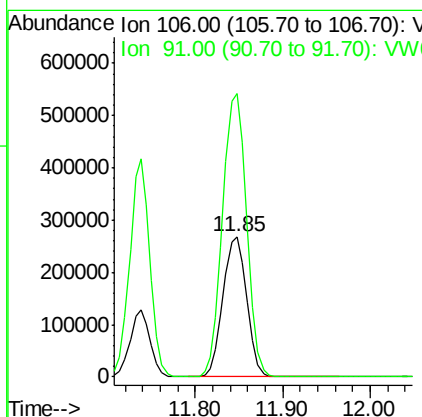
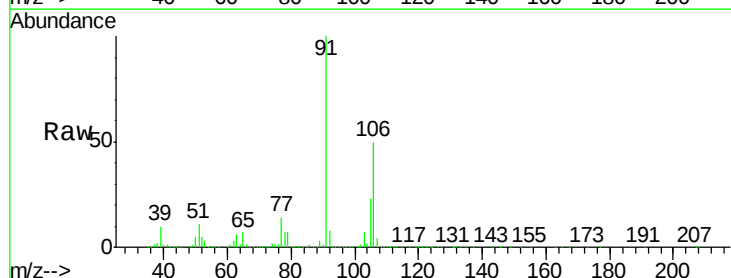
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

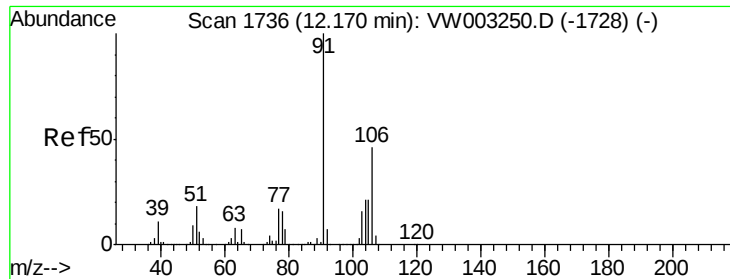
Tgt Ion: 91 Resp: 667623
Ion Ratio Lower Upper
91 100
106 30.8 24.7 37.1



#68
m/p-Xylenes
Concen: 102.522 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion: 106 Resp: 504750
Ion Ratio Lower Upper
106 100
91 204.5 165.4 248.0

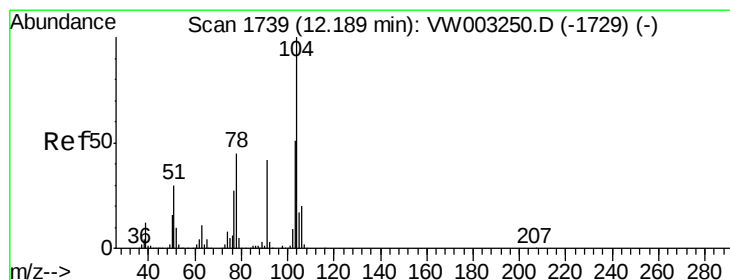
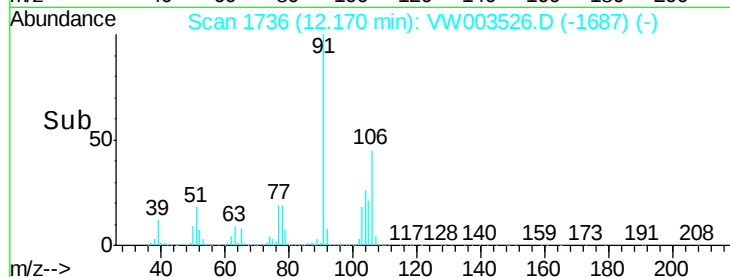
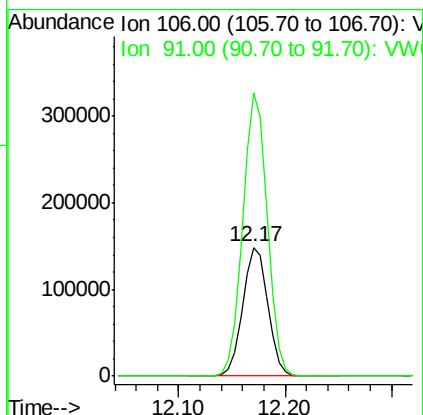
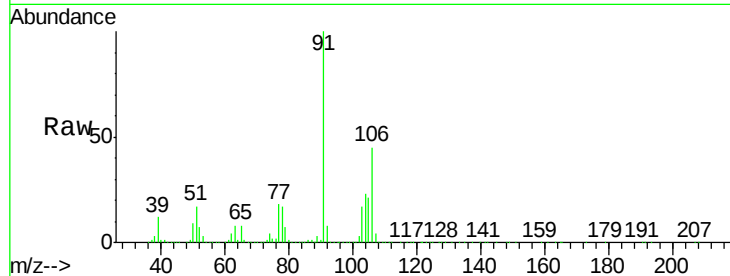




#69
o-Xylene
Concen: 53.706 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

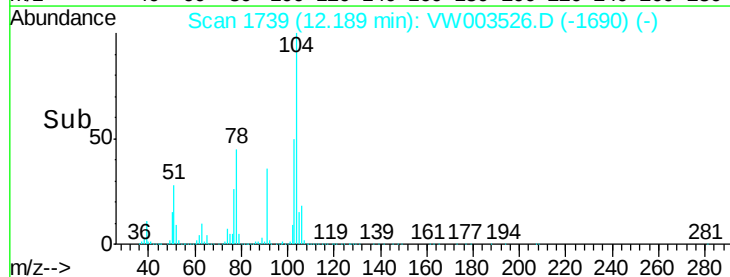
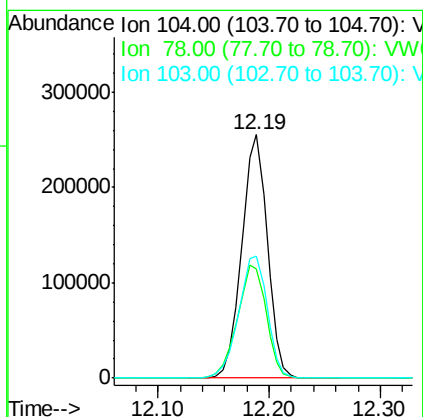
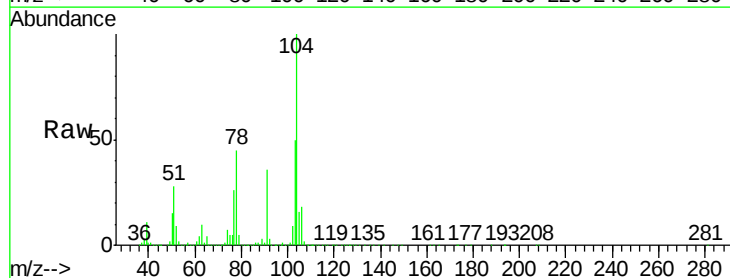
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 245049
Ion Ratio Lower Upper
106 100
91 215.9 108.6 325.6



#70
Styrene
Concen: 53.713 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:104 Resp: 407936
Ion Ratio Lower Upper
104 100
78 52.0 41.3 61.9
103 56.0 45.0 67.4

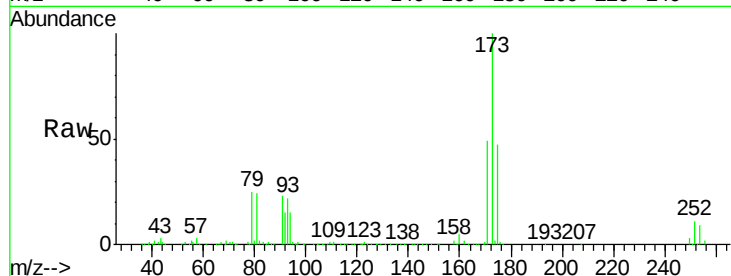




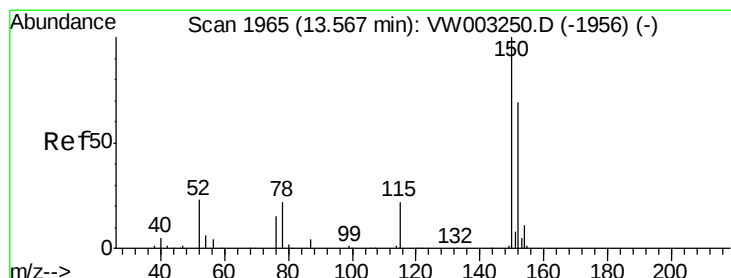
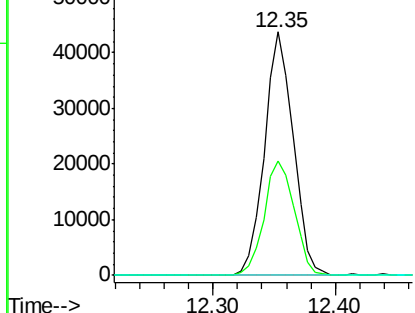
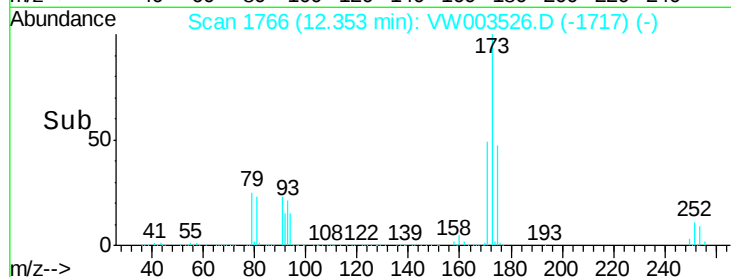
#71
Bromoform
Concen: 53.647 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 71388
Ion Ratio Lower Upper
173 100
175 49.4 24.4 73.4
254 0.0 0.1 0.1#

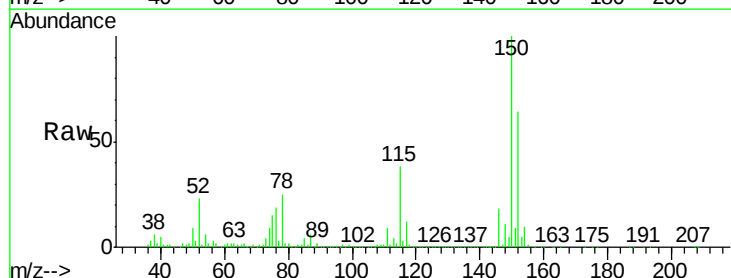


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

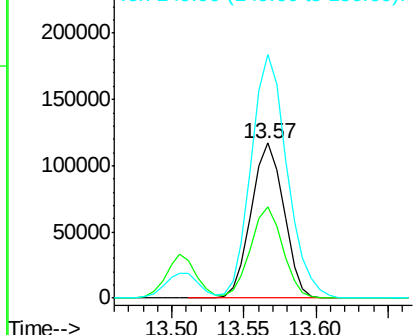
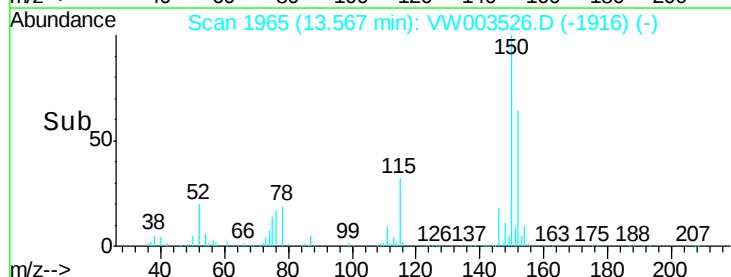


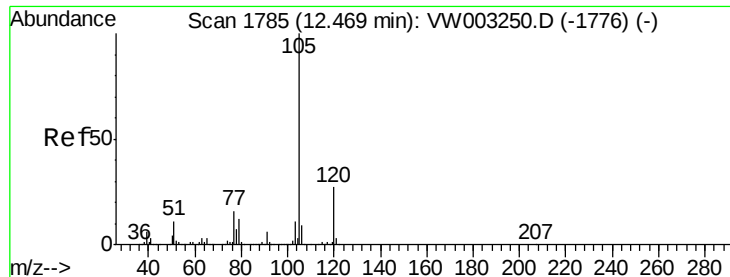
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:152 Resp: 183896
Ion Ratio Lower Upper
152 100
115 57.6 29.3 88.0
150 173.2 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: 52.316 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

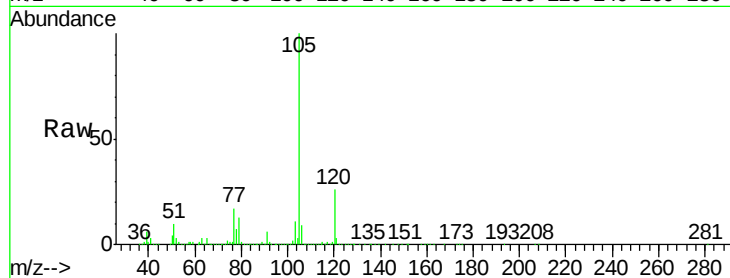
VSTDCCC050EC

Tgt Ion: 105 Resp: 669155

Ion Ratio Lower Upper

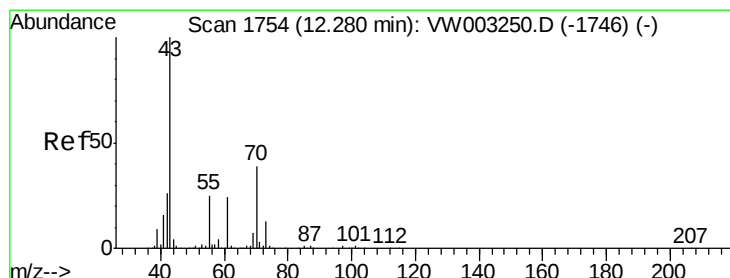
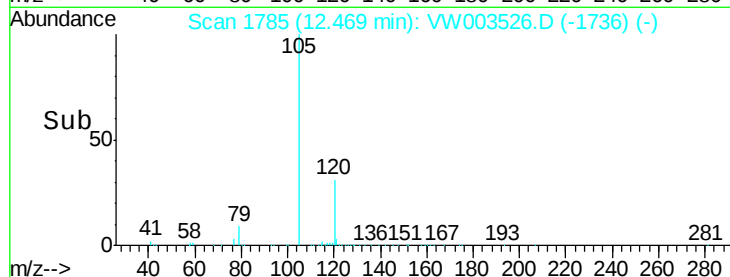
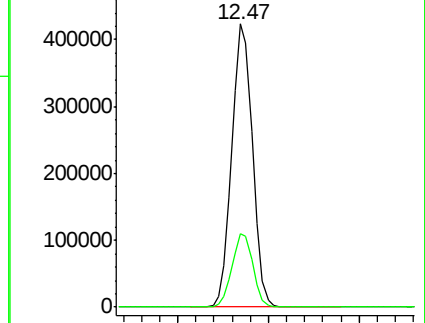
105 100

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: 60.677 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Tgt Ion: 43 Resp: 176651

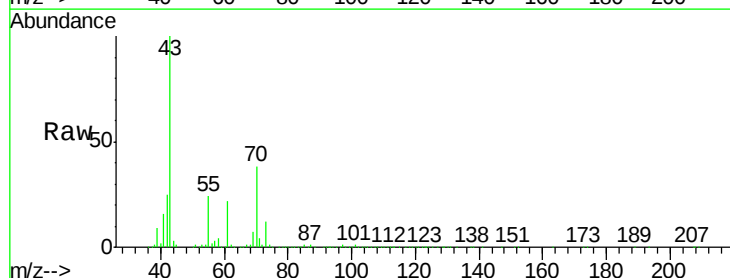
Ion Ratio Lower Upper

43 100

70 38.8 31.0 46.6

55 23.8 19.7 29.5

61 22.3 18.1 27.1

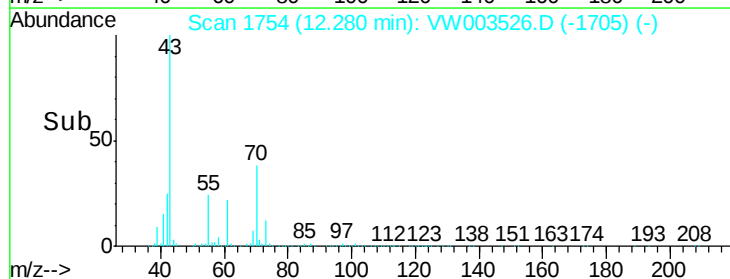
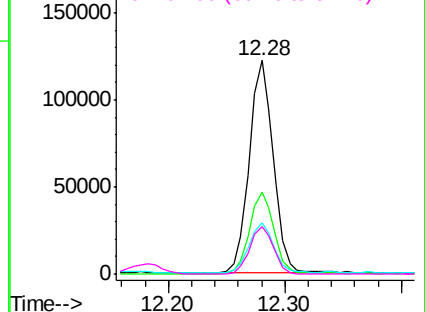


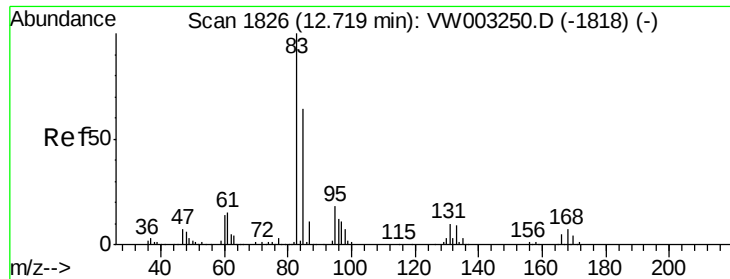
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 57.352 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

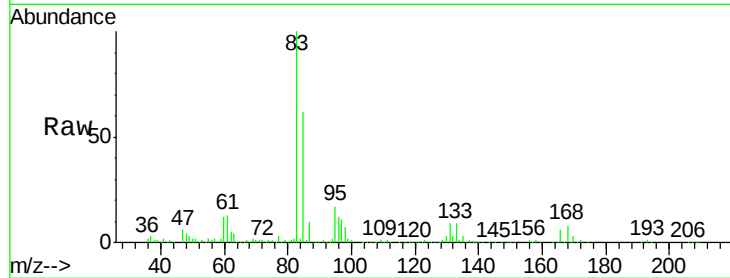
Tgt Ion: 83 Resp: 124106

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

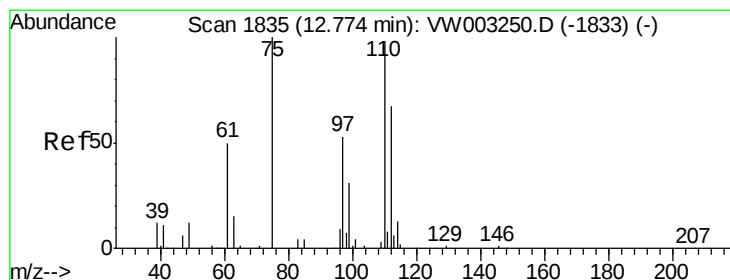
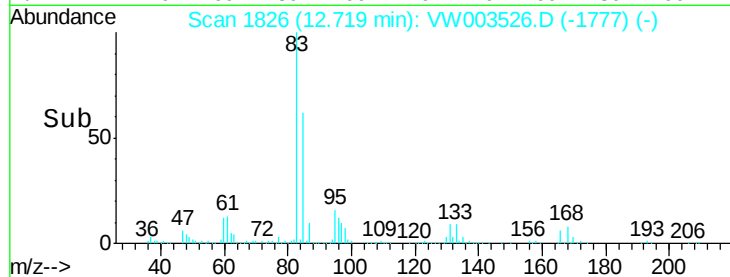
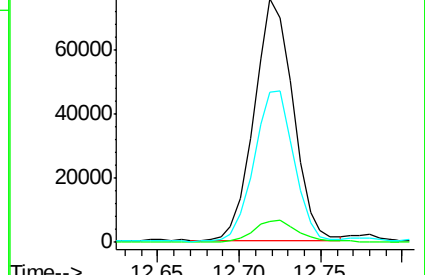
85 63.8 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 103.801 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VW003526.D

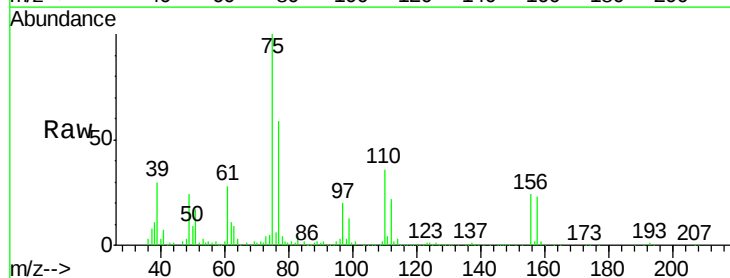
Acq: 24 Jun 2018 21:58

Tgt Ion: 75 Resp: 163186

Ion Ratio Lower Upper

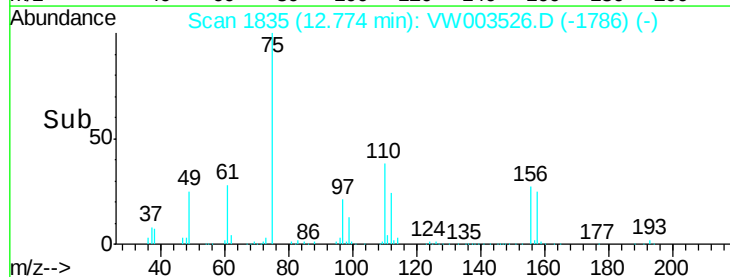
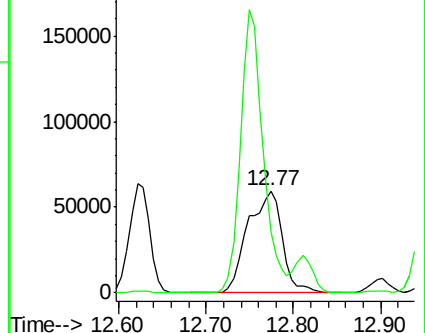
75 100

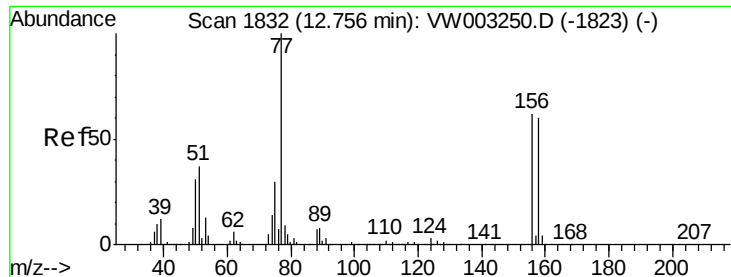
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.132 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

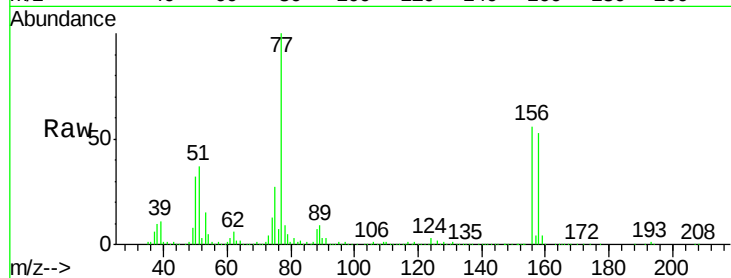
Tgt Ion:156 Resp: 155293

Ion Ratio Lower Upper

156 100

77 191.9 92.3 276.9

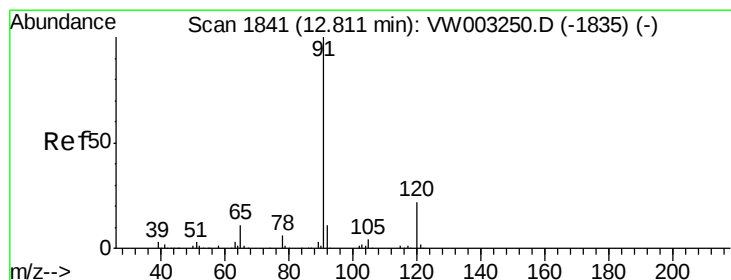
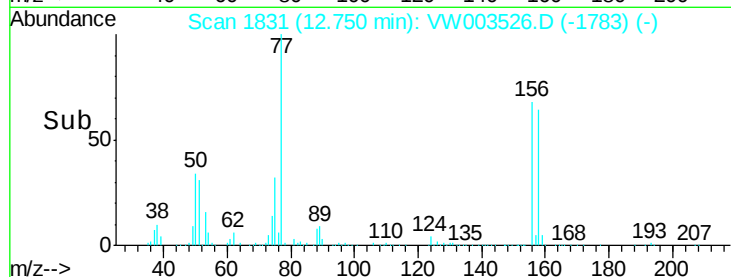
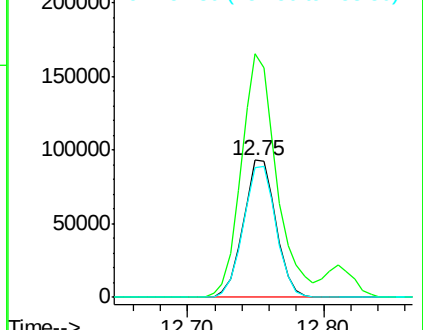
158 96.1 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.852 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW003526.D

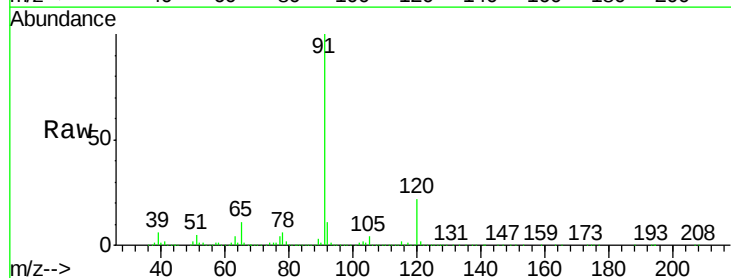
Acq: 24 Jun 2018 21:58

Tgt Ion: 91 Resp: 812105

Ion Ratio Lower Upper

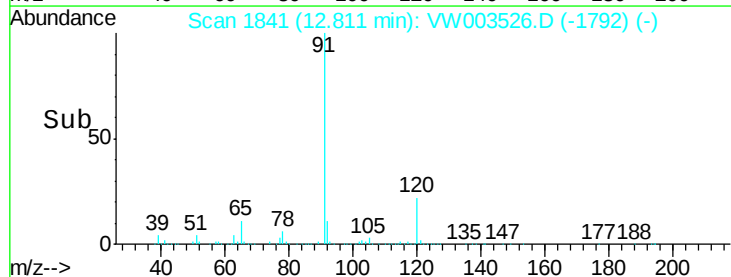
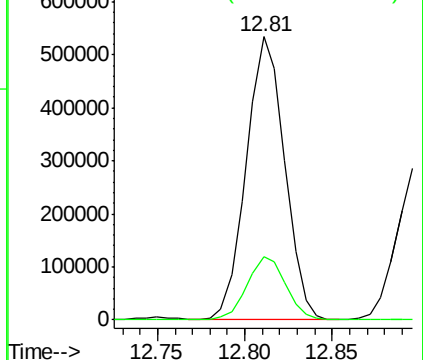
91 100

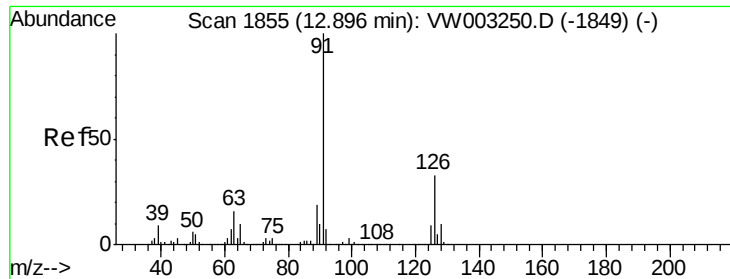
120 22.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

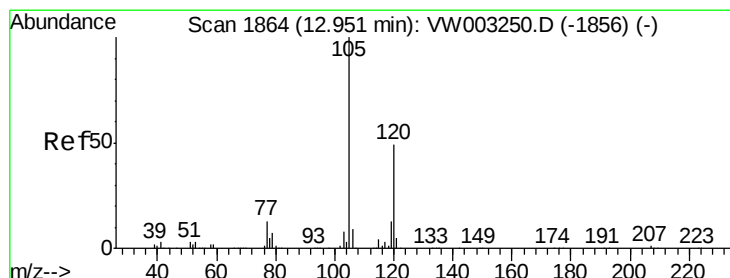
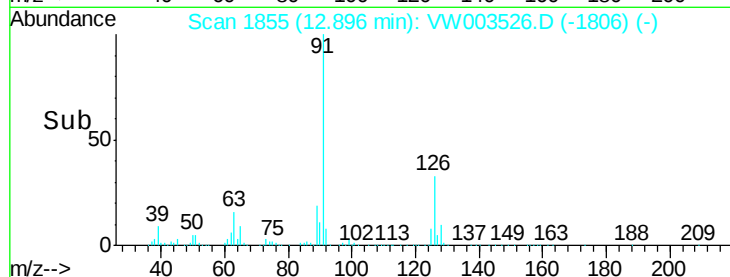
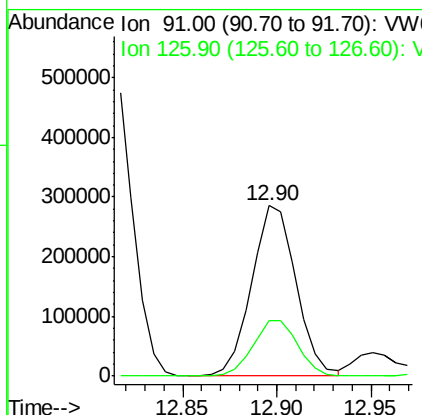
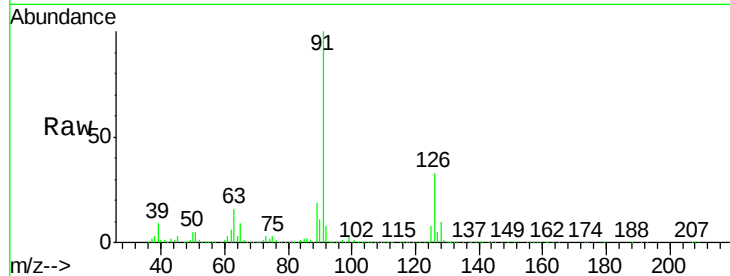




#79
 2-Chlorotoluene
 Concen: 52.563 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

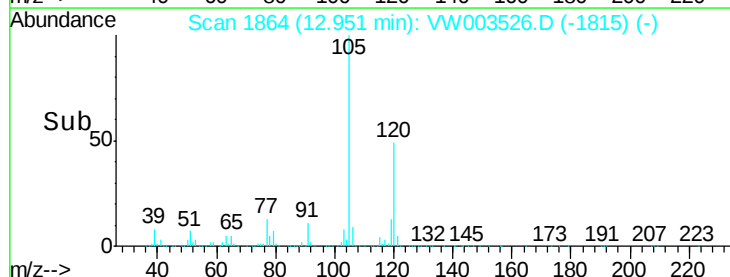
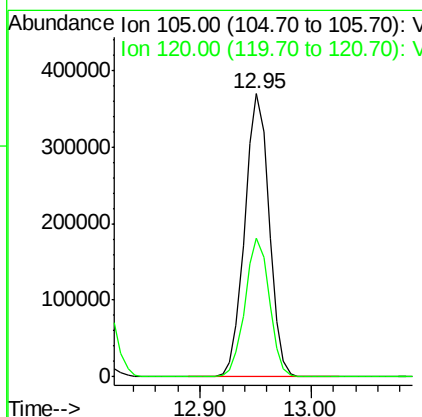
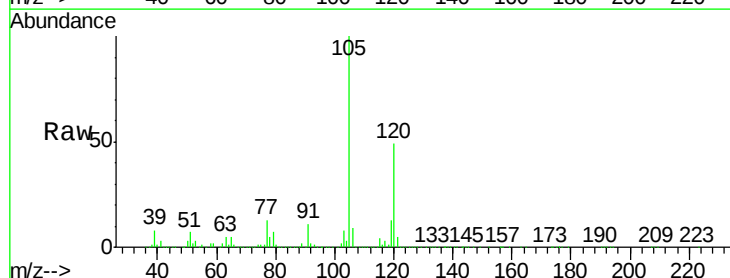
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

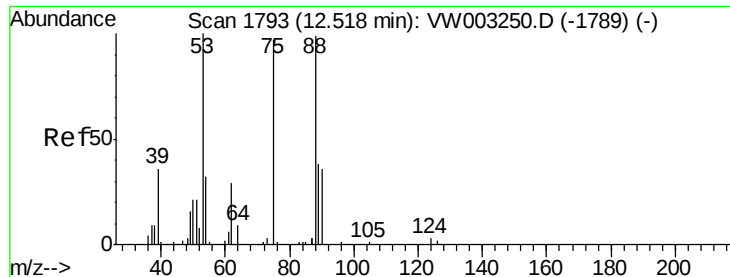
Tgt Ion: 91 Resp: 465227
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 52.099 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion: 105 Resp: 559347
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 53.637 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

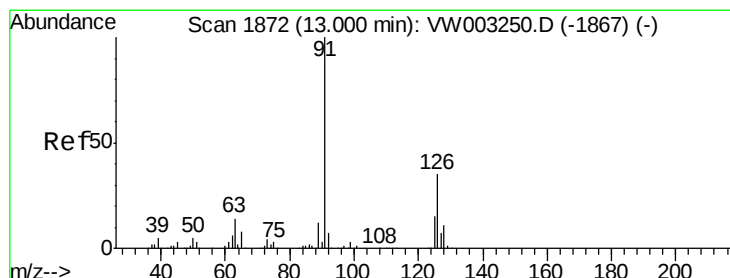
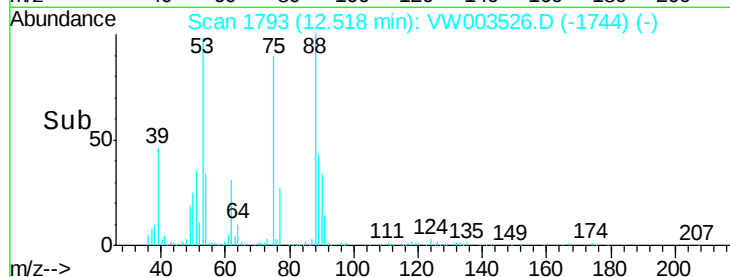
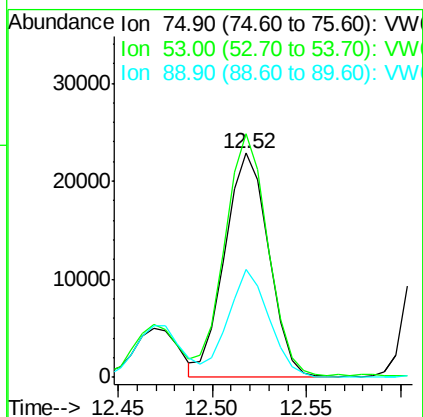
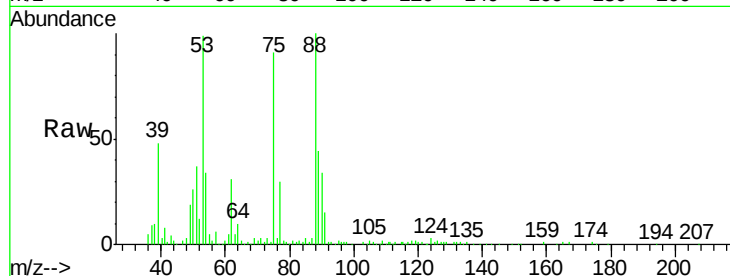
Tgt Ion: 75 Resp: 36645

Ion Ratio Lower Upper

75 100

53 106.6 82.9 124.3

89 45.6 36.7 55.1



#82

4-Chlorotoluene

Concen: 50.838 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003526.D

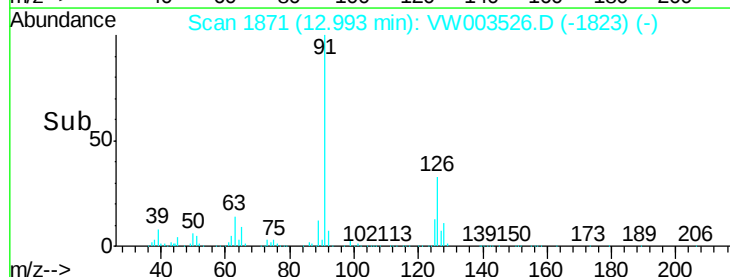
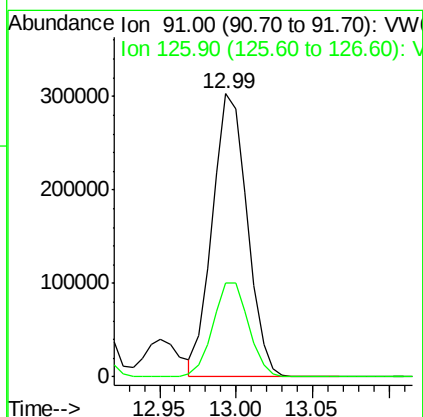
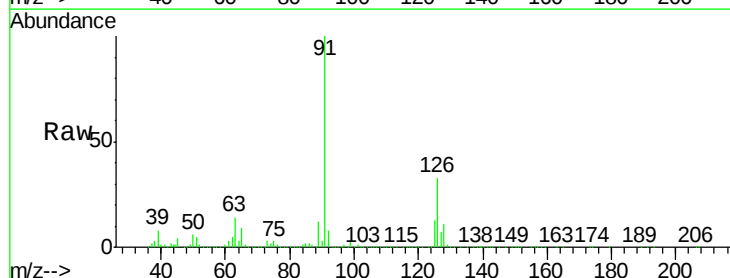
Acq: 24 Jun 2018 21:58

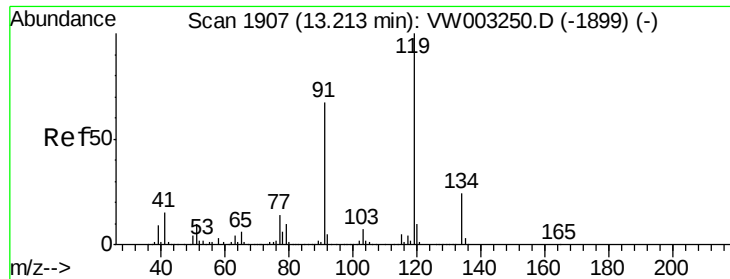
Tgt Ion: 91 Resp: 477333

Ion Ratio Lower Upper

91 100

126 34.2 16.8 50.3

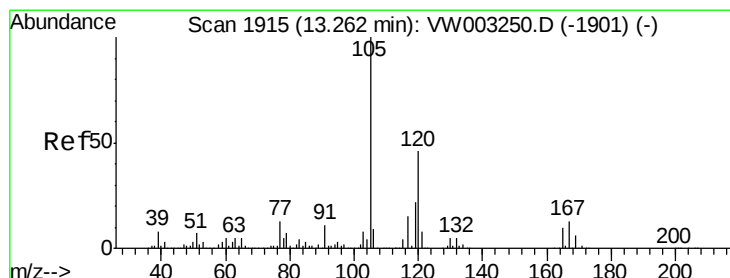
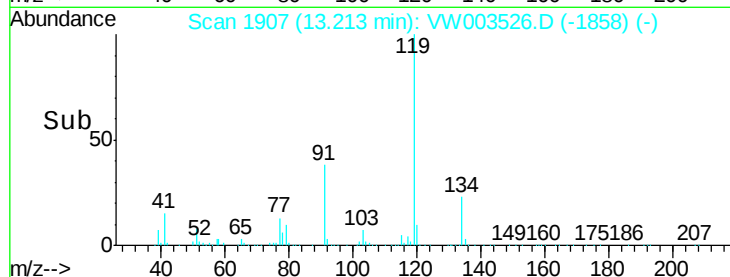
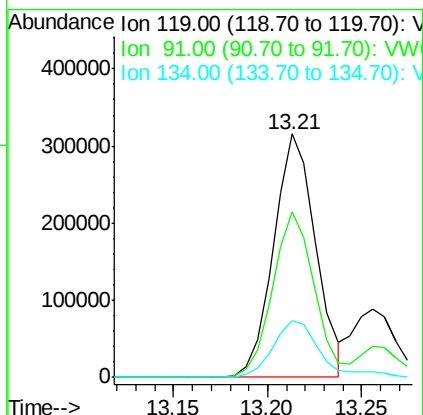
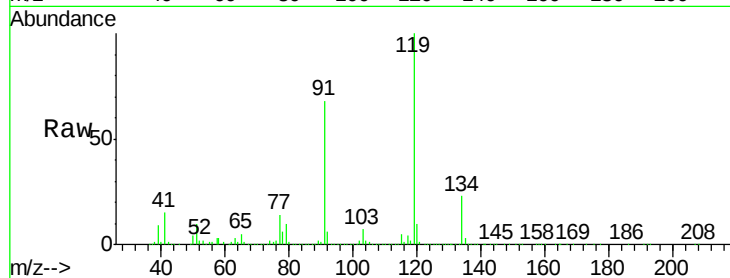




#83
tert-Butylbenzene
Concen: 53.235 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. -0.00 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

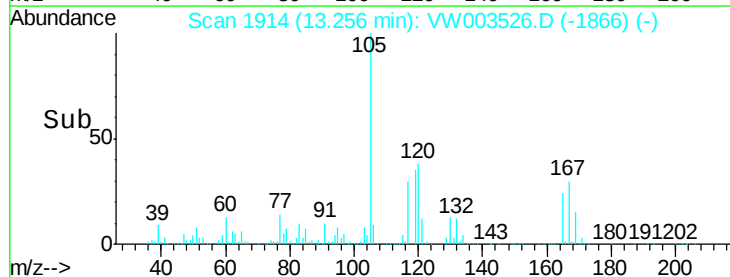
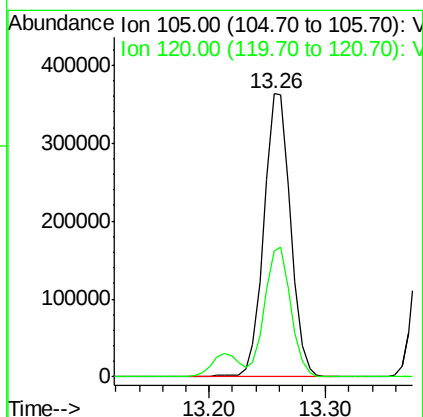
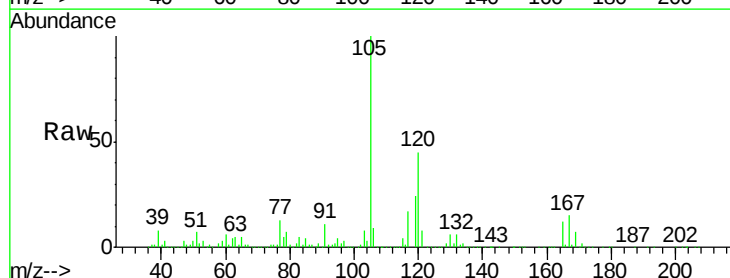
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

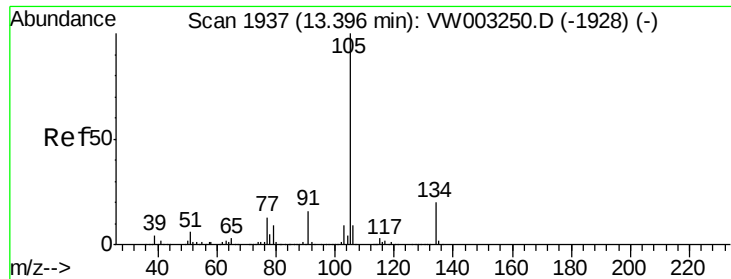
Tgt Ion:119 Resp: 487077
Ion Ratio Lower Upper
119 100
91 68.0 33.9 101.7
134 26.1 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 52.471 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion:105 Resp: 579488
Ion Ratio Lower Upper
105 100
120 44.7 22.5 67.5

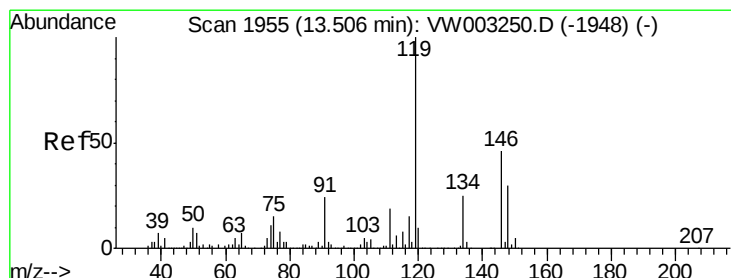
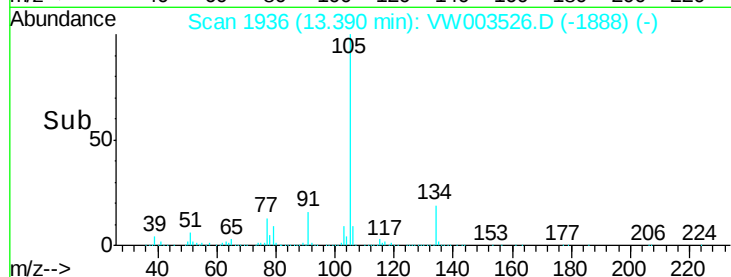
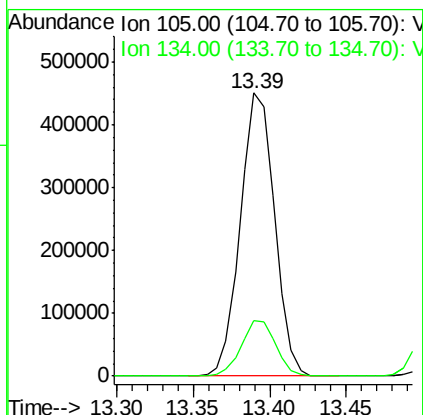
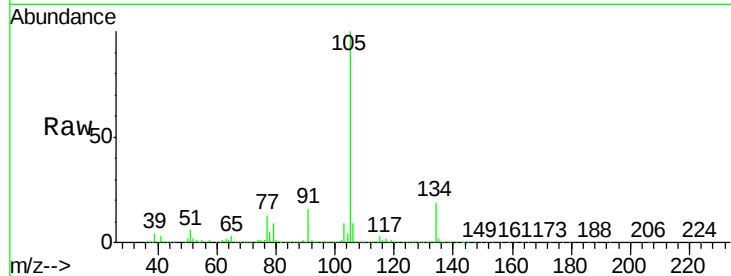




#85
 sec-Butylbenzene
 Concen: 51.610 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

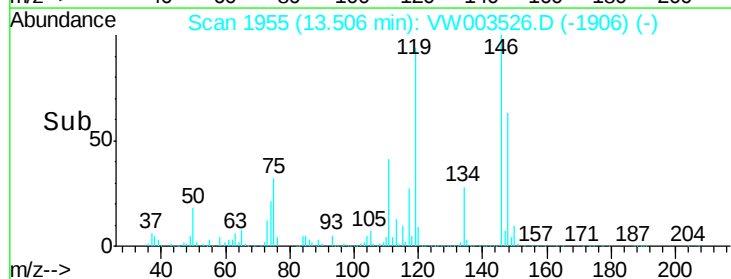
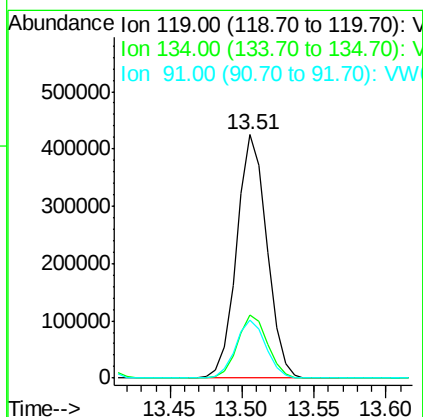
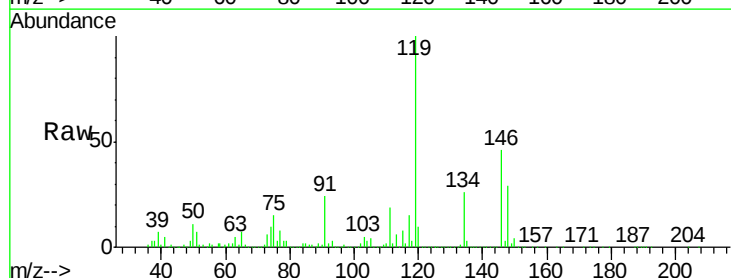
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

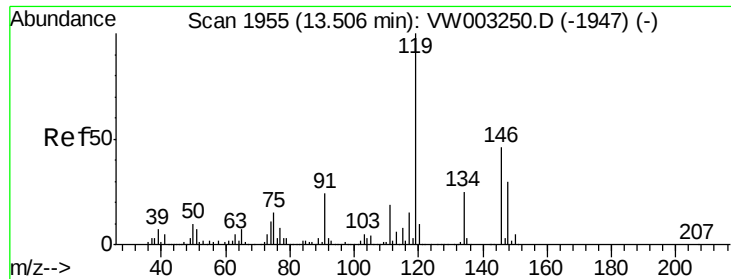
Tgt Ion:105 Resp: 701898
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 51.469 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion:119 Resp: 617384
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 23.9 11.8 35.3

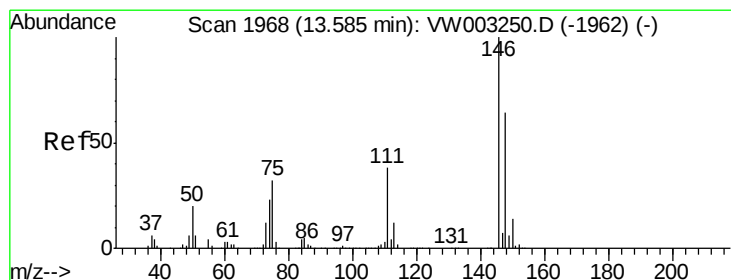
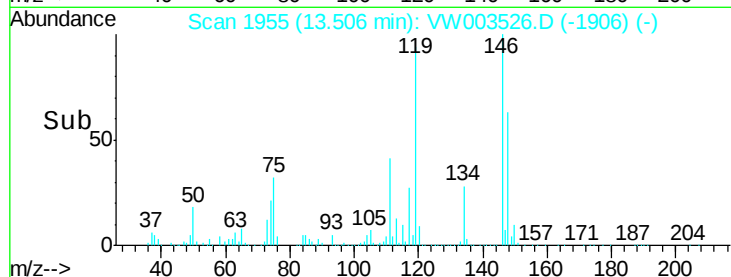
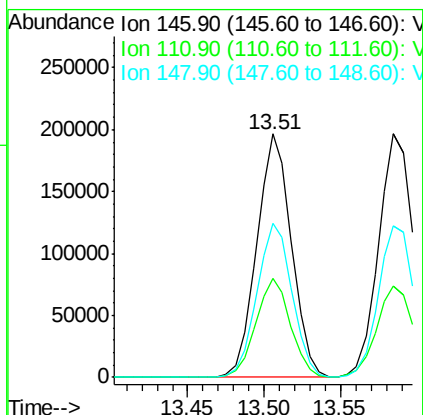
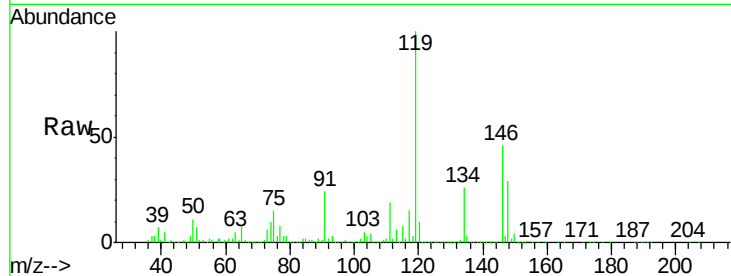




#87
 1,3-Dichlorobenzene
 Concen: 50.499 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

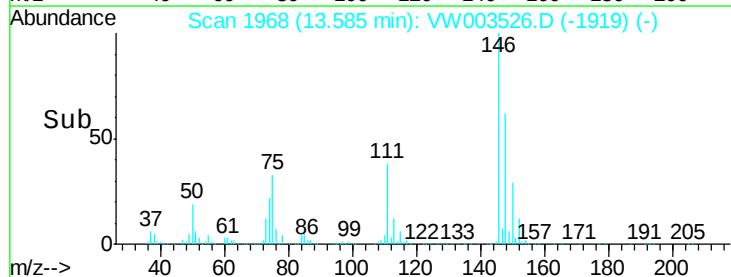
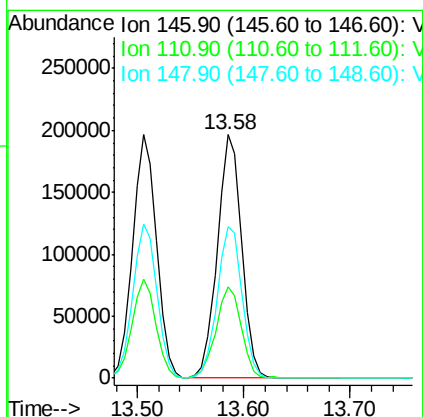
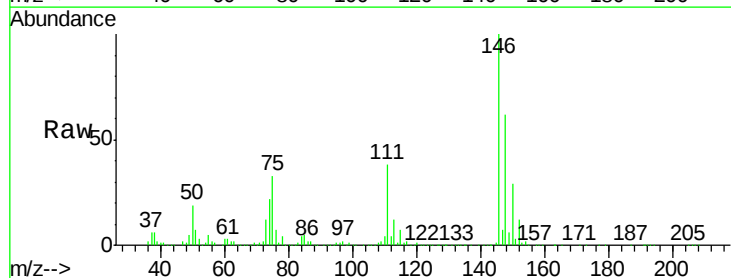
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

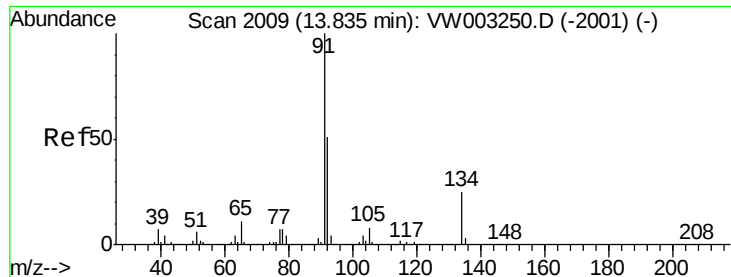
Tgt Ion:146 Resp: 309022
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.4
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 51.070 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion:146 Resp: 310688
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.2 57.6
 148 63.6 31.8 95.4





#89

n-Butylbenzene

Concen: 51.413 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

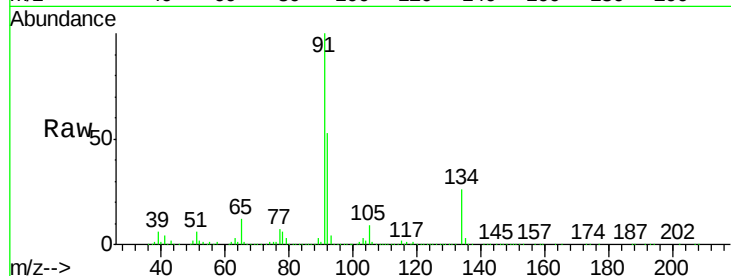
Tgt Ion: 91 Resp: 601138

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

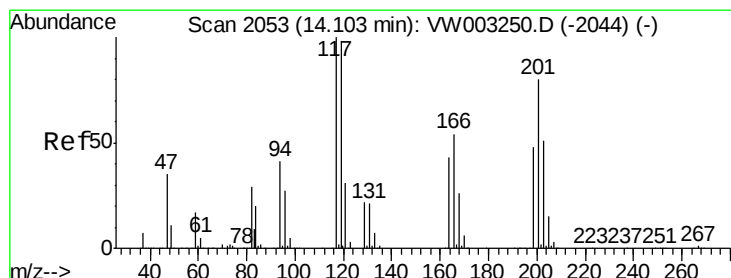
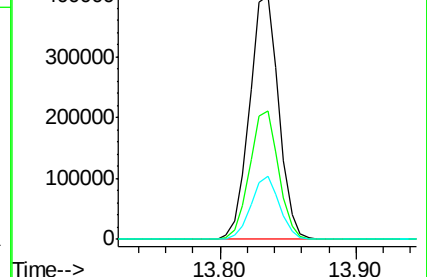
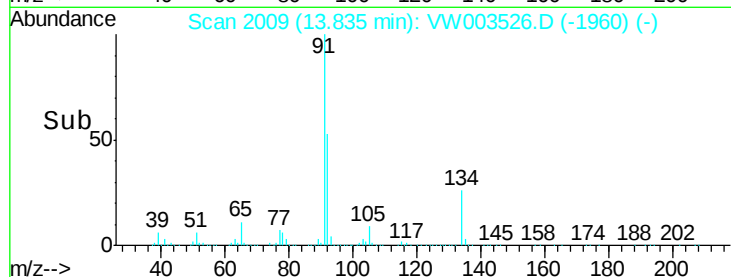
134 25.3 12.7 38.0



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: 51.325 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VW003526.D

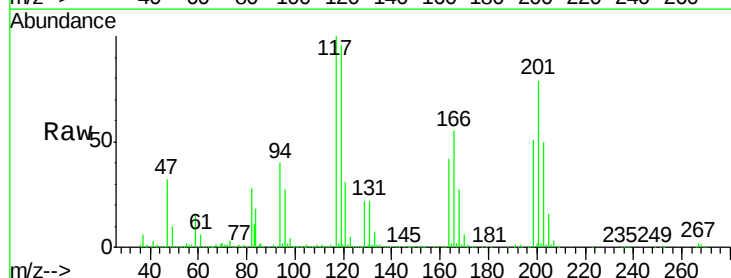
Acq: 24 Jun 2018 21:58

Tgt Ion: 117 Resp: 111369

Ion Ratio Lower Upper

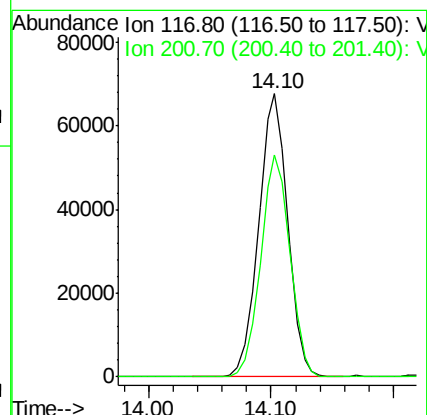
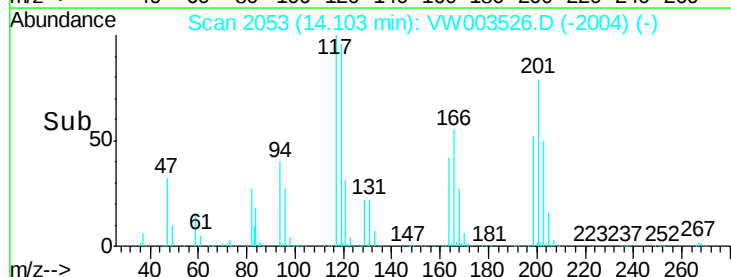
117 100

201 79.1 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: 52.824 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. -0.00 min

Lab File: VW003526.D

Acq: 24 Jun 2018 21:58

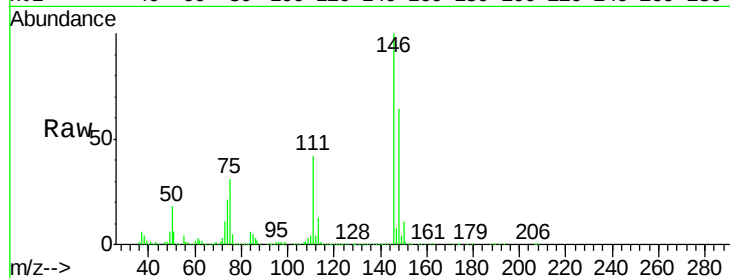
Instrument :

MSVOA_W

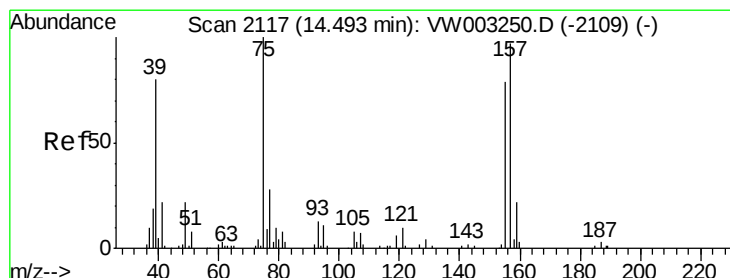
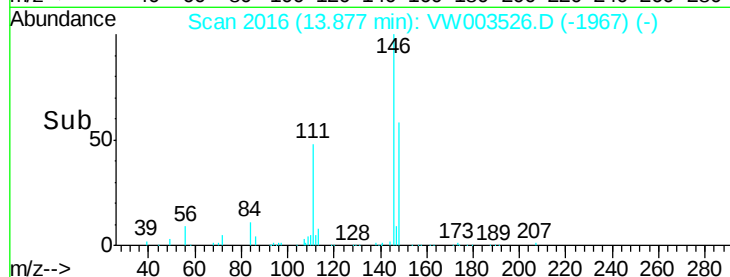
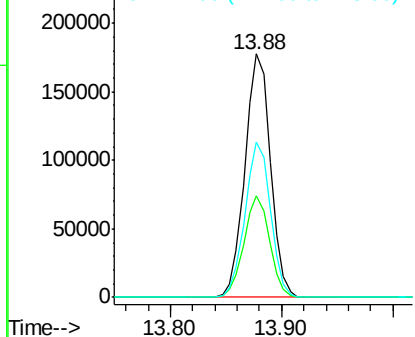
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	283155
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.3	61.0
148	63.6	32.3	96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.516 ug/l

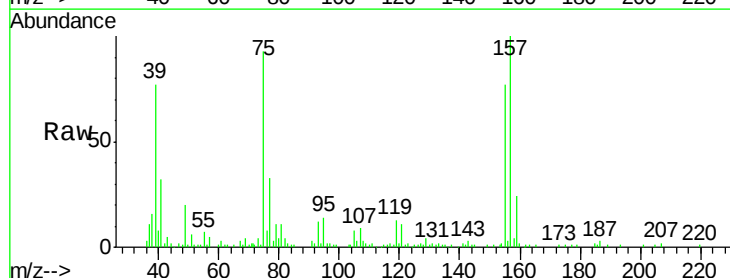
RT: 14.49 min Scan# 2117

Delta R.T. -0.00 min

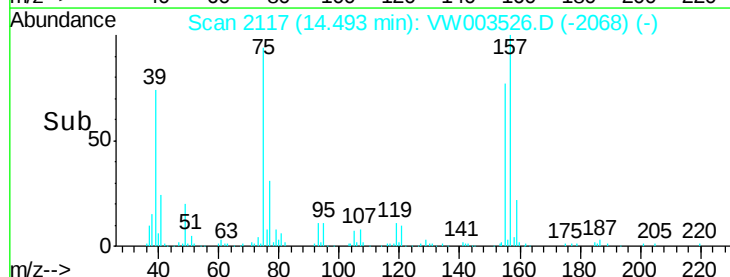
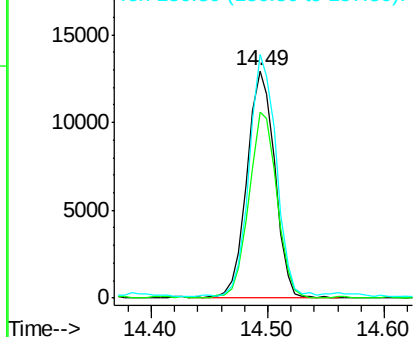
Lab File: VW003526.D

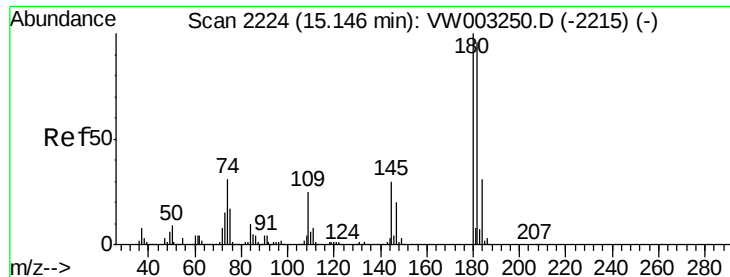
Acq: 24 Jun 2018 21:58

Tgt Ion:	75	Resp:	21673
Ion	Ratio	Lower	Upper
75	100		
155	82.1	39.4	118.2
157	103.8	51.5	154.5



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

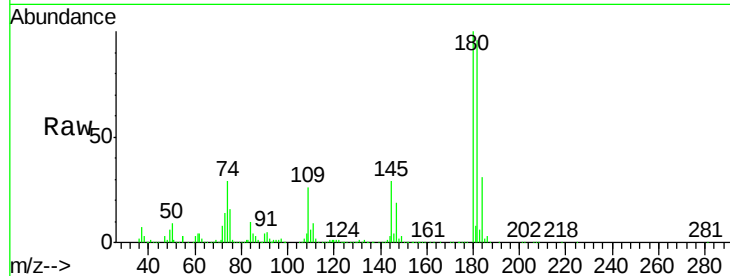




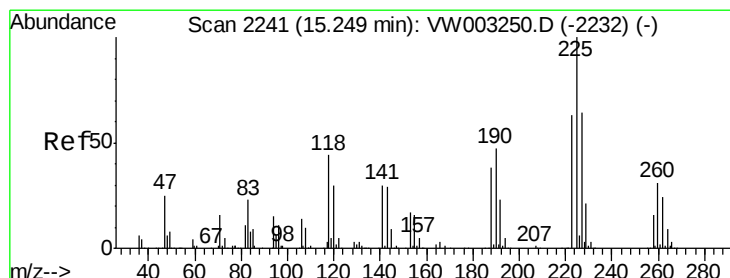
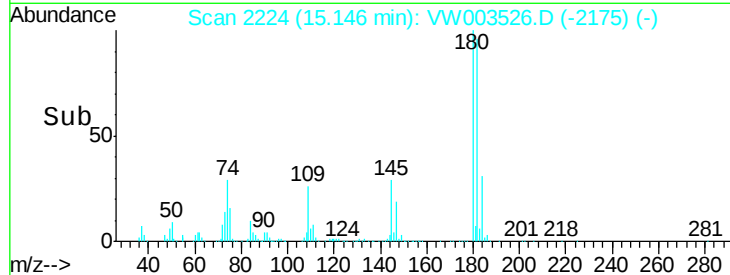
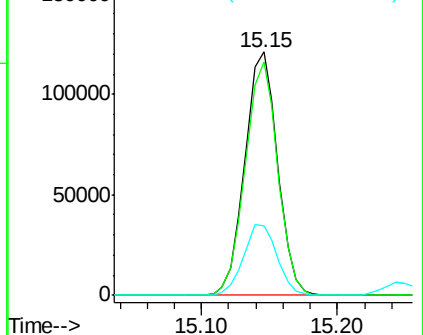
#93
 1,2,4-Trichlorobenzene
 Concen: 54.209 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:180 Resp: 203992
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.9 143.6
 145 29.9 15.2 45.5

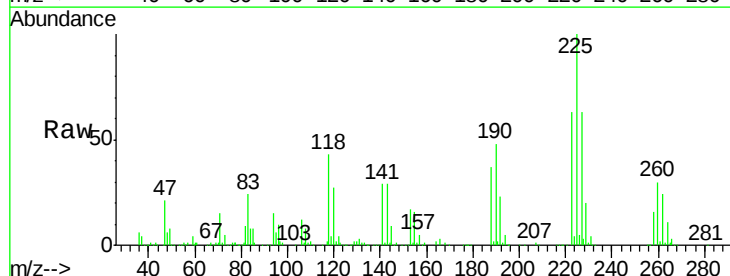


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

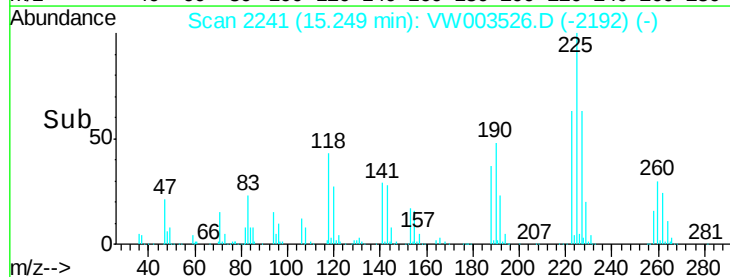
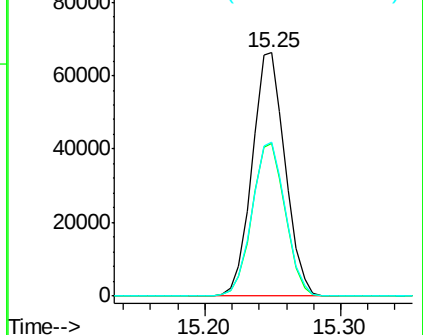


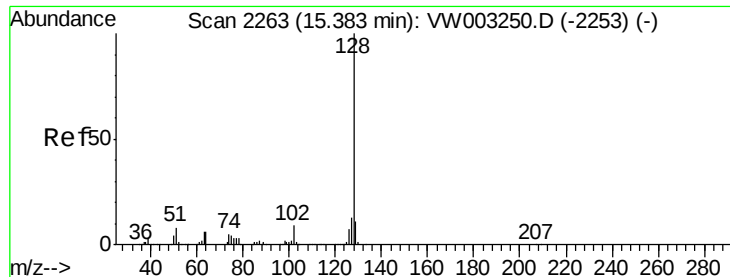
#94
 Hexachlorobutadiene
 Concen: 49.725 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. -0.00 min
 Lab File: VW003526.D
 Acq: 24 Jun 2018 21:58

Tgt Ion:225 Resp: 112558
 Ion Ratio Lower Upper
 225 100
 223 62.9 30.6 92.0
 227 64.1 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

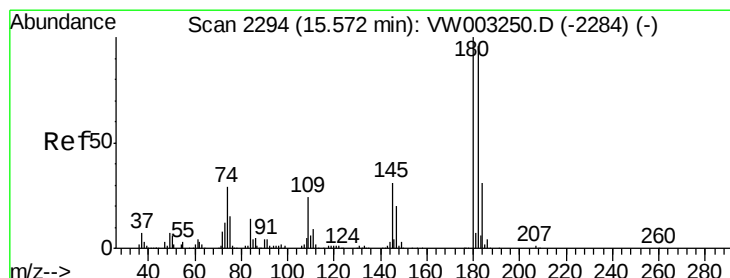
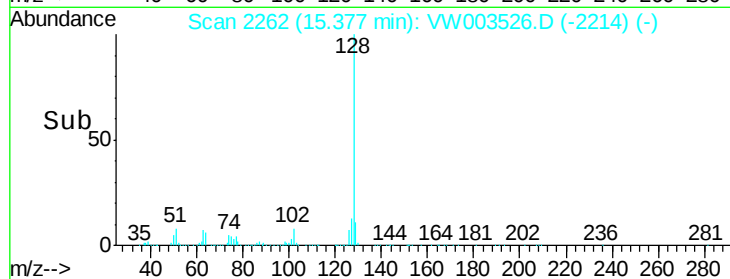
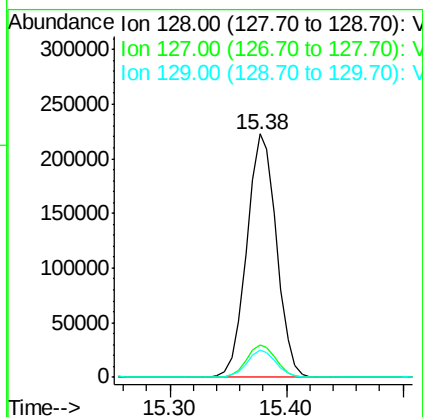
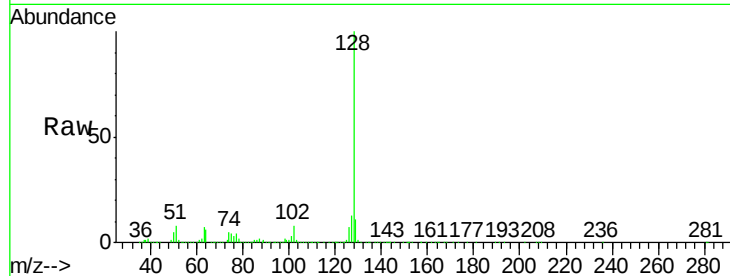




#95
Naphthalene
Concen: 61.738 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.5	15.7
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 54.923 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VW003526.D
Acq: 24 Jun 2018 21:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.9	143.6
145	32.7	15.8	47.4

