

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
 Data File : VW007201.D
 Acq On : 04 Dec 2018 21:11
 Operator : SY/AP
 Sample : VSTDCCC050EC
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 05 05:08:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	106559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	171416	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	77734	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	49152	49.54	ug/l	0.00
Spiked Amount			Recovery	=	99.08%	
35) Dibromofluoromethane	7.89	113	47746	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	
50) Toluene-d8	10.33	98	213269	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.62	95	81343	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	48824	41.879	ug/l	97
3) Chloromethane	2.22	50	65155	44.131	ug/l	100
4) Vinyl Chloride	2.36	62	41459	44.850	ug/l	99
5) Bromomethane	2.76	94	24090	52.006	ug/l	94
6) Chloroethane	2.92	64	24997	48.195	ug/l	99
7) Trichlorofluoromethane	3.26	101	78700	43.668	ug/l	99
8) Diethyl Ether	3.69	74	24346	48.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	47935	44.029	ug/l	99
10) Methyl Iodide	4.28	142	37267	40.183	ug/l	100
11) Tert butyl alcohol	5.17	59	20671	215.684	ug/l	98
12) 1,1-Dichloroethene	4.04	96	44796	43.906	ug/l	97
13) Acrolein	3.90	56	18161	261.248	ug/l	100
14) Allyl chloride	4.67	41	74416	45.503	ug/l	99
15) Acrylonitrile	5.37	53	52897	251.877	ug/l	98
16) Acetone	4.13	43	50165	213.590	ug/l	97
17) Carbon Disulfide	4.38	76	155535	46.247	ug/l	98
18) Methyl Acetate	4.68	43	26106	48.696	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	118508	49.334	ug/l	99
20) Methylene Chloride	4.92	84	60555	51.337	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	52052	45.691	ug/l	96
22) Diisopropyl ether	6.32	45	146823	50.011	ug/l	97
23) Vinyl Acetate	6.26	43	399625	249.467	ug/l	99
24) 1,1-Dichloroethane	6.23	63	88444	47.003	ug/l	99
25) 2-Butanone	7.17	43	63102	231.773	ug/l	99
26) 2,2-Dichloropropane	7.17	77	77847	43.051	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	57662	47.215	ug/l	99
28) Bromochloromethane	7.52	49	34277	50.519	ug/l	97
29) Tetrahydrofuran	7.53	42	41615	247.350	ug/l	100
30) Chloroform	7.68	83	92757	47.432	ug/l	99
31) Cyclohexane	7.96	56	84847	43.096	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	86545	47.026	ug/l	100
36) 1,1-Dichloropropene	8.09	75	75988	45.559	ug/l	99
37) Ethyl Acetate	7.26	43	29499	48.894	ug/l	98
38) Carbon Tetrachloride	8.07	117	76165	44.740	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	98300	44.026	ug/l	99
40) Benzene	8.33	78	218702	47.818	ug/l	98
41) Methacrylonitrile	7.49	41	17669	48.894	ug/l	97
42) 1,2-Dichloroethane	8.40	62	59256	46.358	ug/l	99
43) Isopropyl Acetate	8.43	43	57352	48.945	ug/l	99
44) Trichloroethene	9.09	130	60792	47.287	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50471	47.421	ug/l	100
46) Dibromomethane	9.46	93	25600	46.289	ug/l	100
47) Bromodichloromethane	9.65	83	68450	47.052	ug/l	96
48) Methyl methacrylate	9.44	41	29300	48.178	ug/l	96
49) 1,4-Dioxane	9.45	88	9801	1014.471	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	148374	256.945	ug/l	99
52) Toluene	10.39	92	152588	47.961	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	70804	48.410	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	81350	47.461	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	38549	49.003	ug/l	94
56) Ethyl methacrylate	10.65	69	50906	49.608	ug/l	97
57) 1,3-Dichloropropane	10.93	76	62128	46.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	104508	253.555	ug/l	100
59) 2-Hexanone	10.97	43	106315	253.974	ug/l	98
60) Dibromochloromethane	11.13	129	45050	46.594	ug/l	100
61) 1,2-Dibromoethane	11.24	107	37982	50.339	ug/l	97
64) Tetrachloroethene	10.87	164	53729	48.189	ug/l	98
65) Chlorobenzene	11.66	112	164018	48.124	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51494	48.921	ug/l	97
67) Ethyl Benzene	11.73	91	294208	47.362	ug/l	93
68) m/p-Xylenes	11.84	106	233867	95.967	ug/l	98
69) o-Xylene	12.17	106	105441	46.310	ug/l	90
70) Styrene	12.18	104	176317	47.307	ug/l	97
71) Bromoform	12.35	173	25313	48.039	ug/l #	96
73) Isopropylbenzene	12.47	105	301880	47.748	ug/l	98
74) N-amyl acetate	12.27	43	55447	49.465	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41142	50.106	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	58586	50.152	ug/l #	100
77) Bromobenzene	12.75	156	66107	48.440	ug/l	99
78) n-propylbenzene	12.80	91	349224	46.363	ug/l	97
79) 2-Chlorotoluene	12.90	91	197370	46.402	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	247409	45.743	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.52	75	13782	49.352	ug/l	98
82) 4-Chlorotoluene	12.99	91	217923	48.159	ug/l	95
83) tert-Butylbenzene	13.21	119	223558	47.298	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	246828	44.707	ug/l	95
85) sec-Butylbenzene	13.39	105	298610	44.254	ug/l	99
86) p-Isopropyltoluene	13.51	119	268041	44.623	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128183	45.754	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	131526	46.478	ug/l	99
89) n-Butylbenzene	13.83	91	264680	47.153	ug/l	96
90) Hexachloroethane	14.10	117	42654	46.598	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	116281	47.945	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8188	51.477	ug/l	100

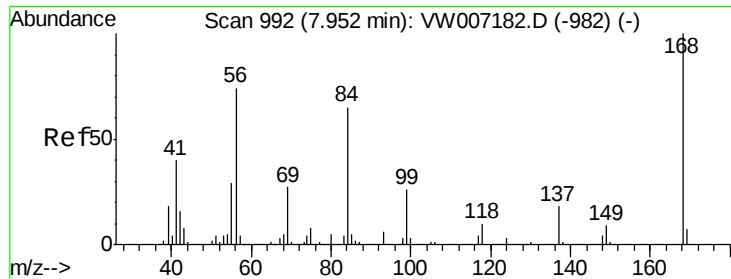
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79389	47.234	ug/l	98
94) Hexachlorobutadiene	15.24	225	42262	46.628	ug/l	97
95) Naphthalene	15.38	128	152631	50.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	68271	48.171	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

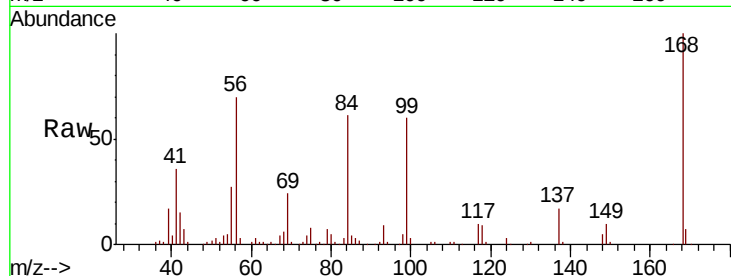
VSTDCCC050EC

Tot Ion:168 Resp: 106559

Ion Ratio Lower Upper

168 100

99 60.1 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

50000

40000

30000

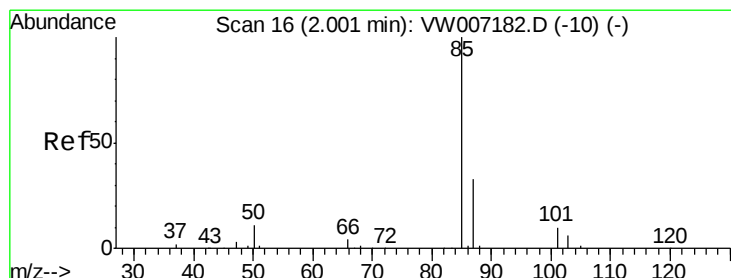
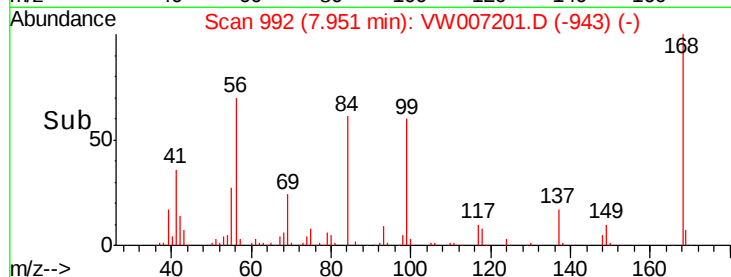
20000

10000

0

Time-->

7.90 8.00



#2

Dichlorodifluoromethane

Concen: 41.879 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007201.D

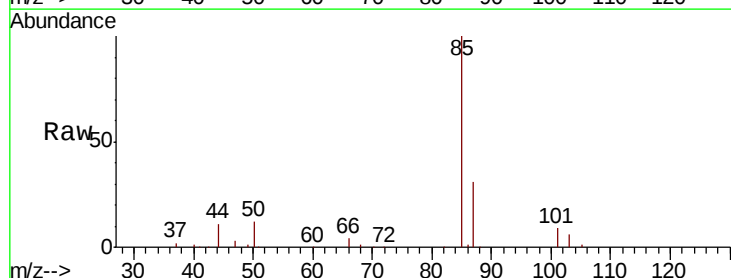
Acq: 04 Dec 2018 21:11

Tgt Ion: 85 Resp: 48824

Ion Ratio Lower Upper

85 100

87 31.1 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

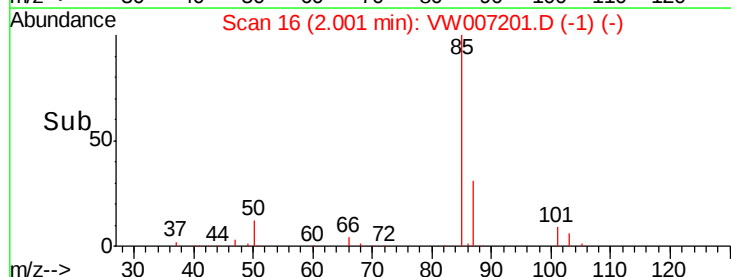
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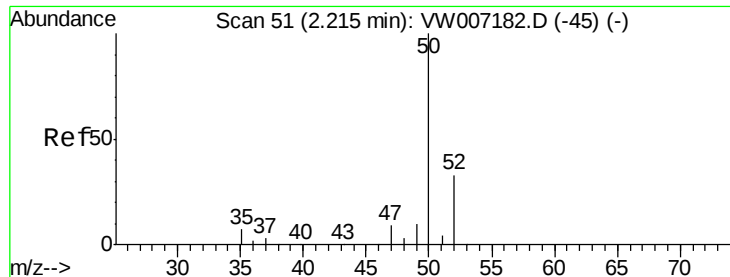
10000

0

Time-->

1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 44.131 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

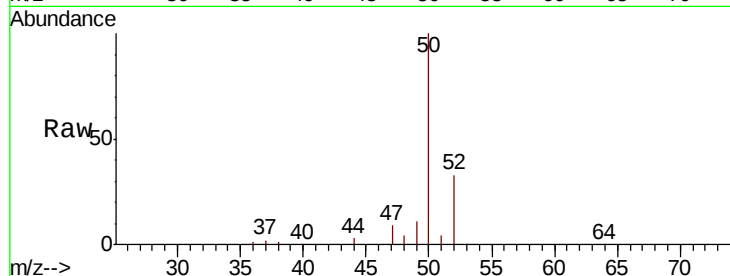
VSTDCCC050EC

Tot Ion: 50 Resp: 65155

Ion Ratio Lower Upper

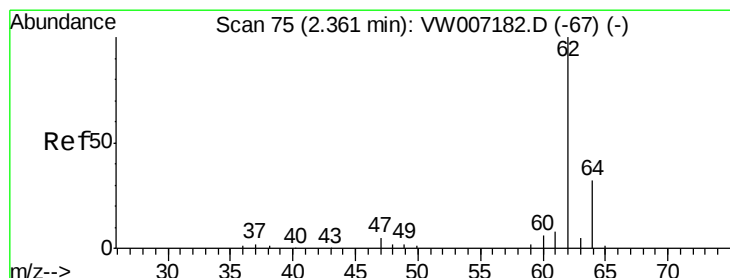
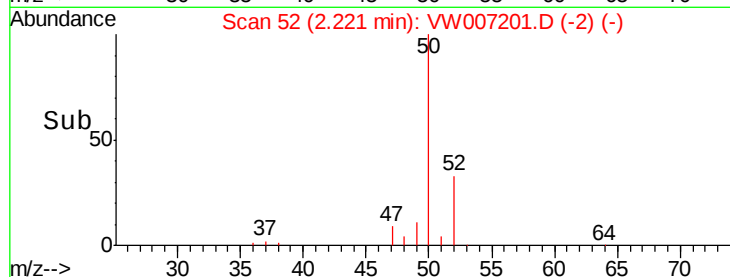
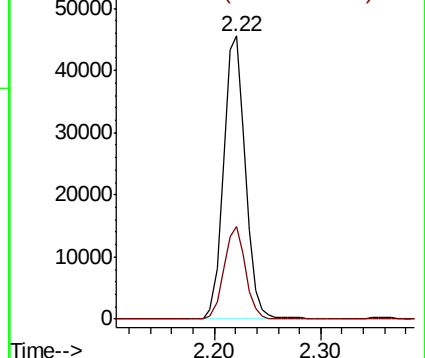
50 100

52 32.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 44.850 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW007201.D

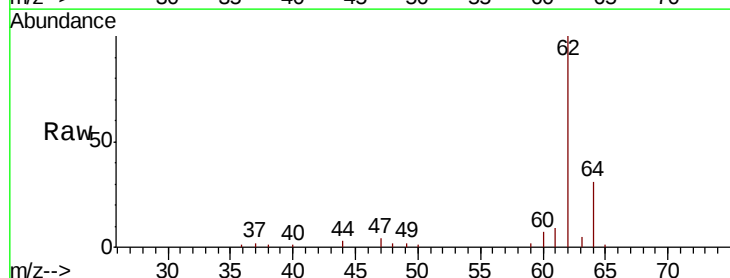
Acq: 04 Dec 2018 21:11

Tgt Ion: 62 Resp: 41459

Ion Ratio Lower Upper

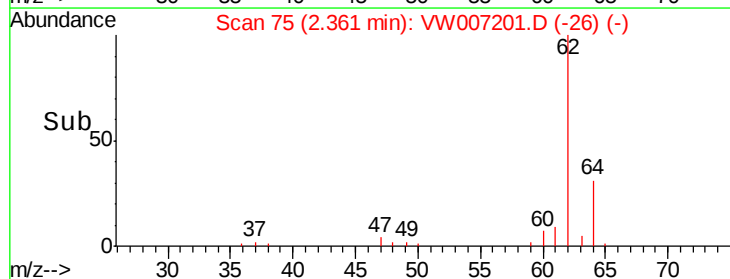
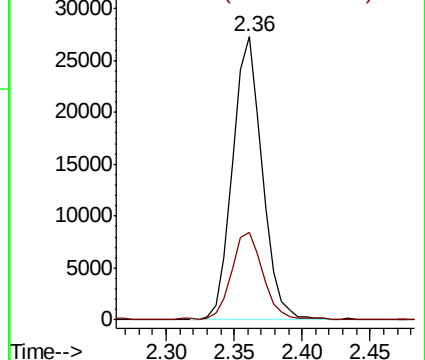
62 100

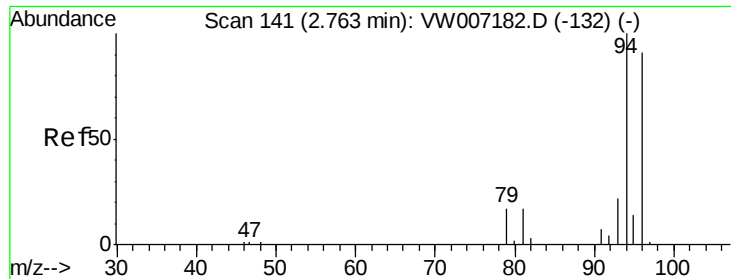
64 30.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 52.006 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

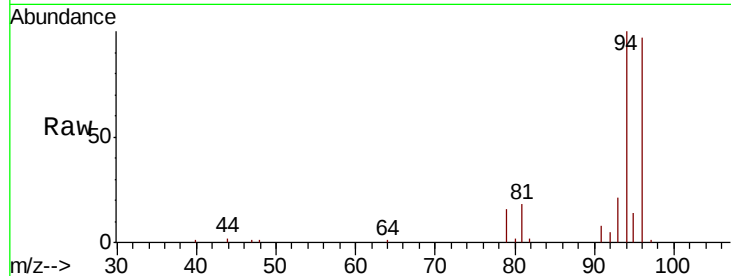
VSTDCCC050EC

Tot Ion: 94 Resp: 24090

Ion Ratio Lower Upper

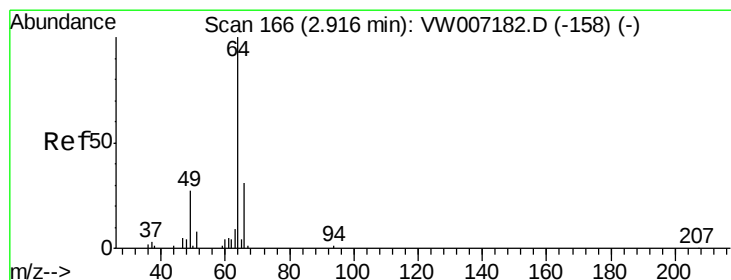
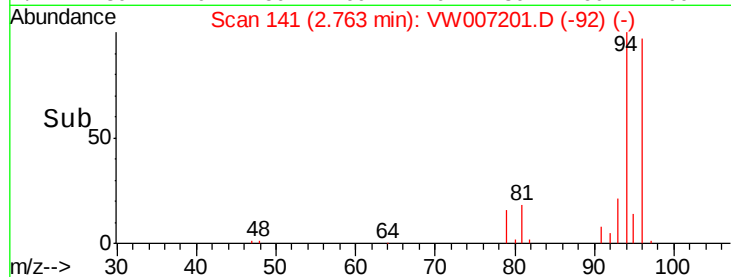
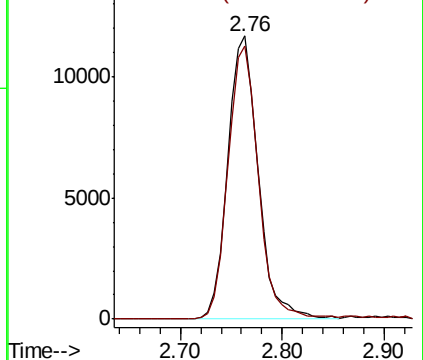
94 100

96 96.7 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 48.195 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW007201.D

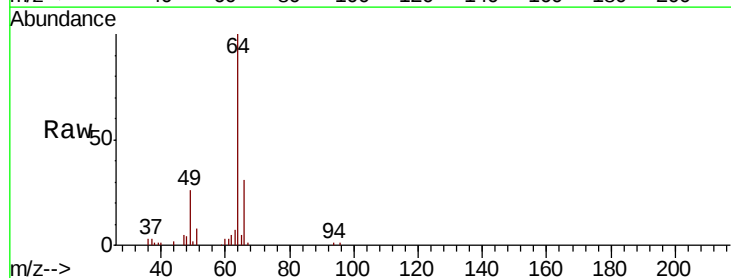
Acq: 04 Dec 2018 21:11

Tgt Ion: 64 Resp: 24997

Ion Ratio Lower Upper

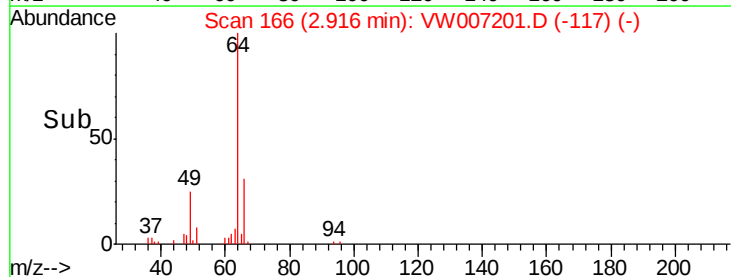
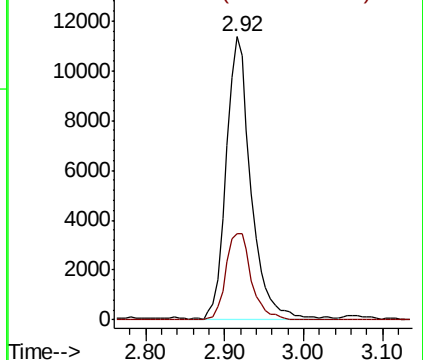
64 100

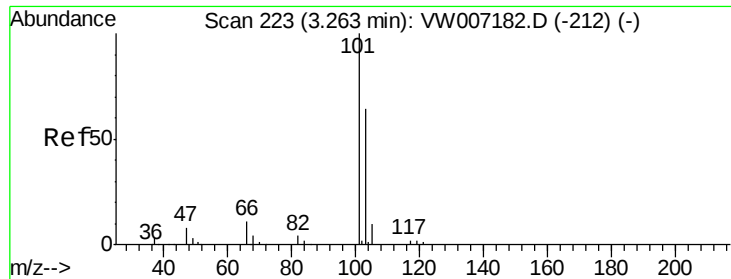
66 30.5 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



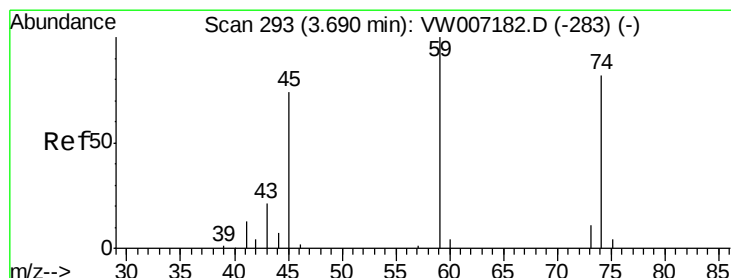
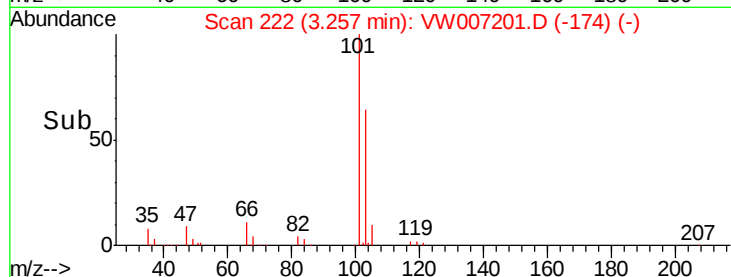
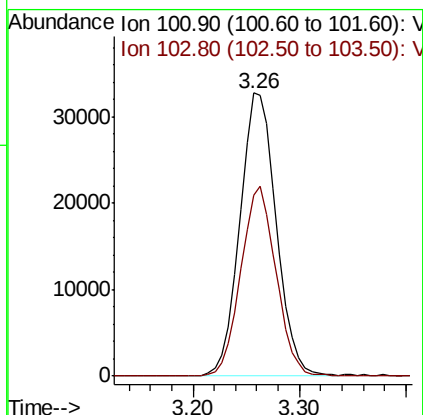
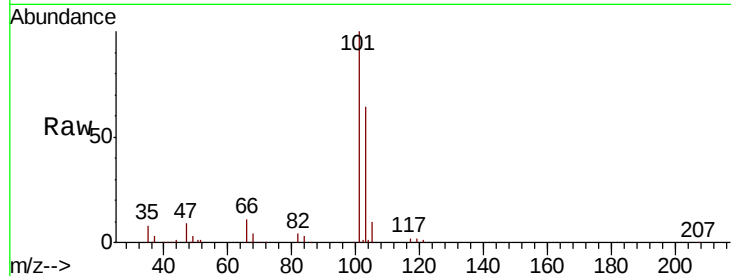


#7

Trichlorofluoromethane
Concen: 43.668 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
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VSTDCCC050EC

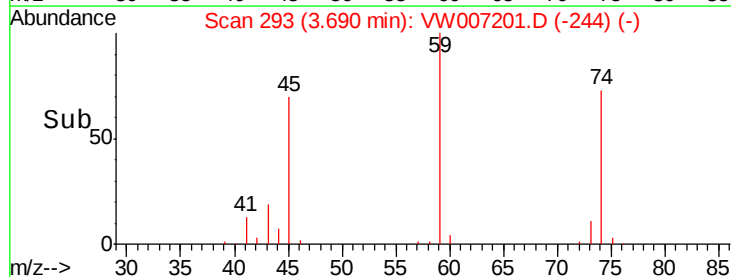
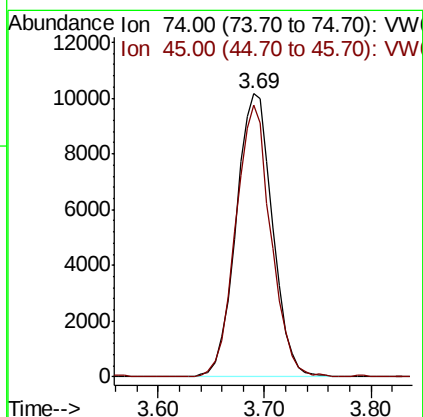
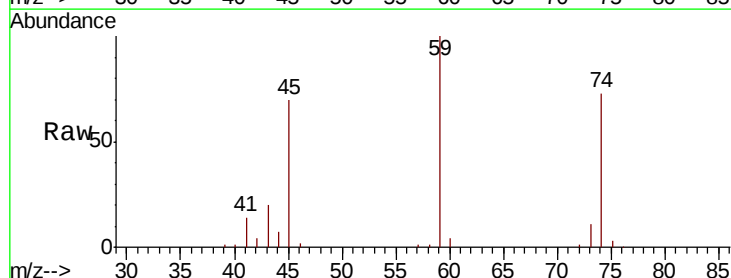
Tot Ion:101 Resp: 78700
Ion Ratio Lower Upper
101 100
103 64.1 50.9 76.3

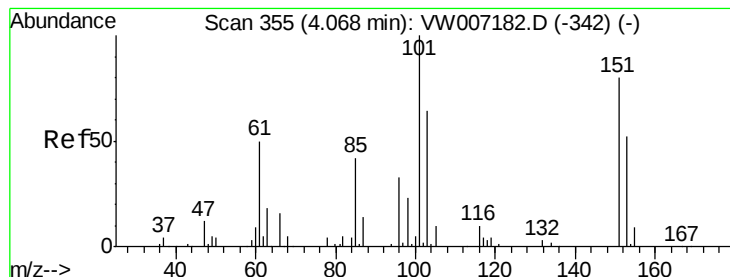


#8

Diethyl Ether
Concen: 48.463 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 74 Resp: 24346
Ion Ratio Lower Upper
74 100
45 93.0 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.029 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

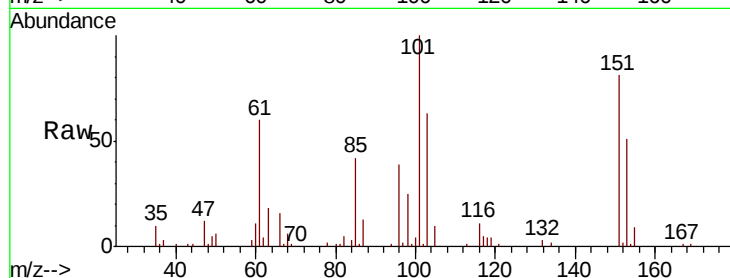
Tot Ion:101 Resp: 47935

Ion Ratio Lower Upper

101 100

85 42.3 33.4 50.2

151 80.9 63.9 95.9

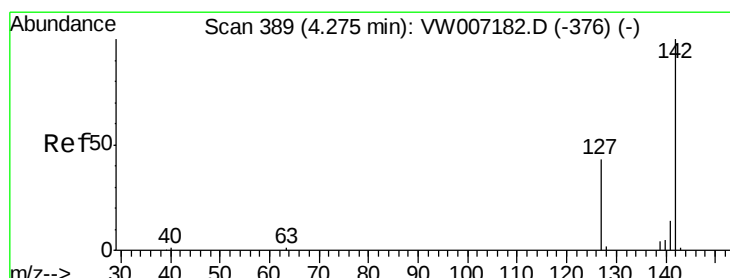
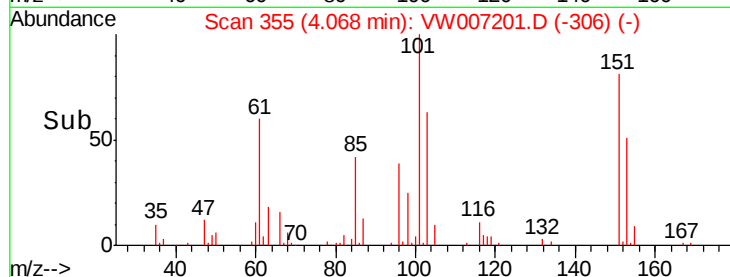
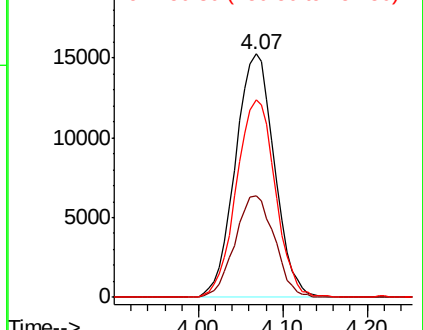


Abundance

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: 40.183 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

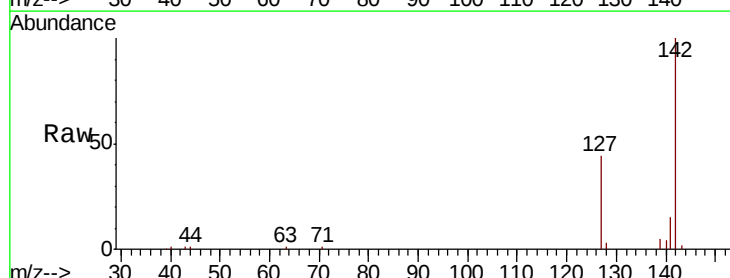
Tgt Ion:142 Resp: 37267

Ion Ratio Lower Upper

142 100

127 43.4 34.9 52.3

141 14.8 11.7 17.5

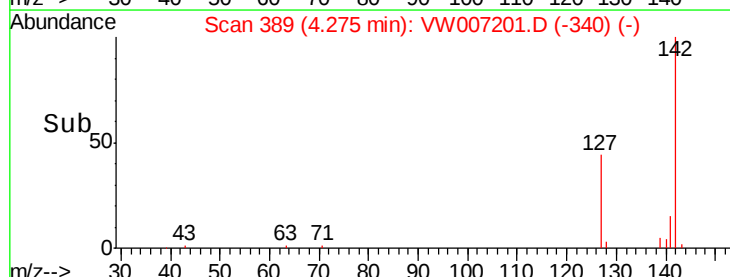
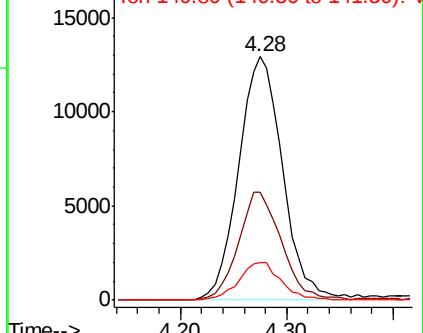


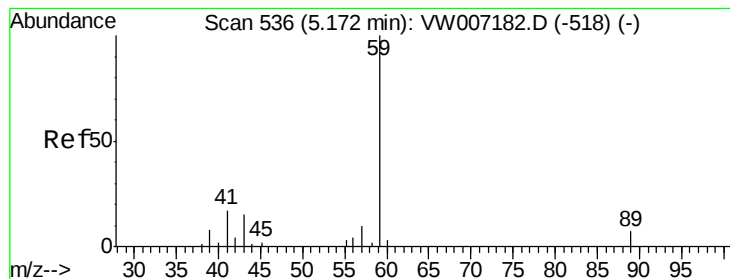
Abundance

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



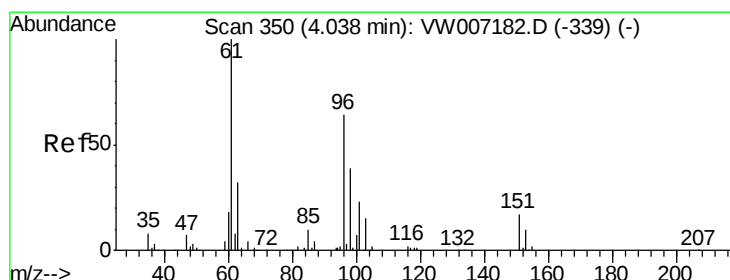
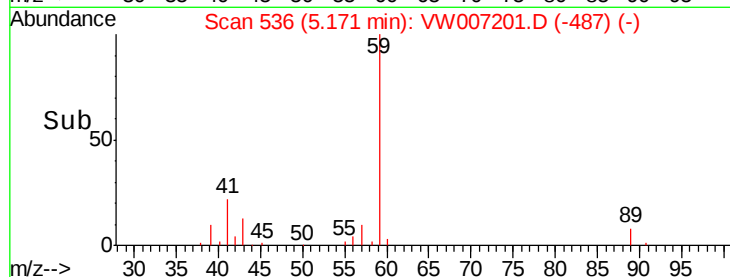
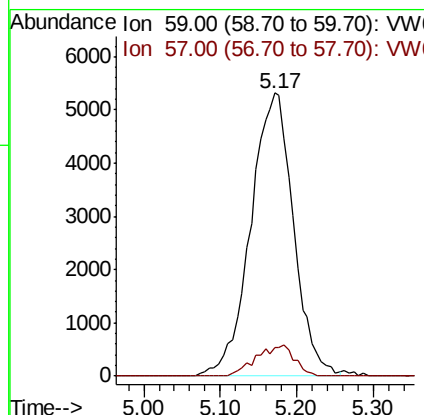
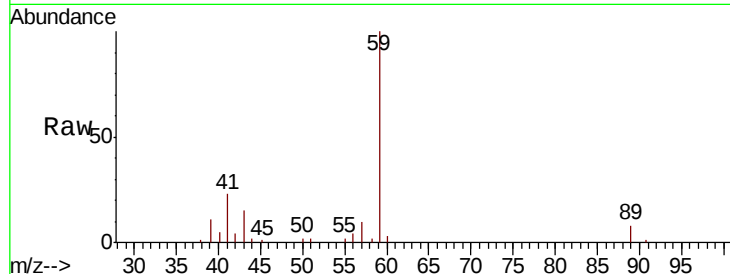


#11

Tert butyl alcohol
 Concen: 215.684 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

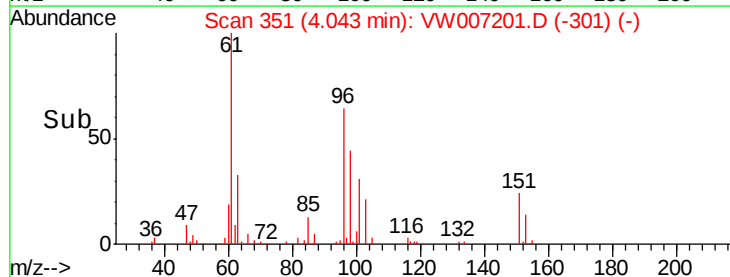
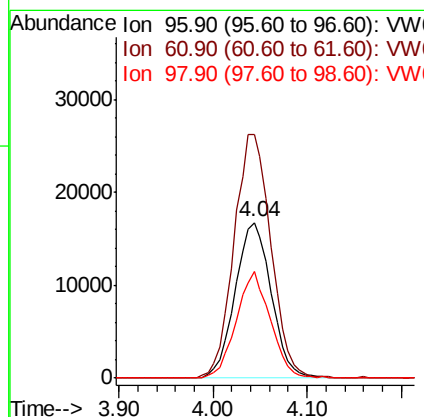
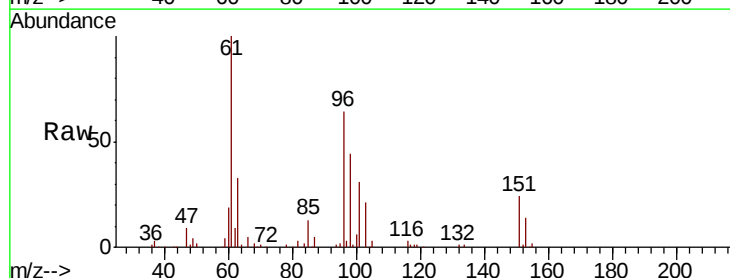
Tot Ion: 59 Resp: 20671
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.1 10.7

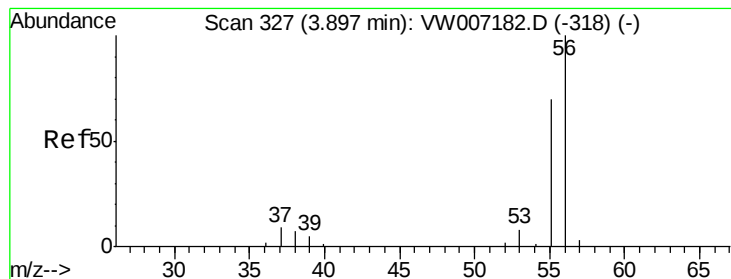


#12

1,1-Dichloroethene
 Concen: 43.906 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 96 Resp: 44796
 Ion Ratio Lower Upper
 96 100
 61 156.1 124.1 186.1
 98 68.4 48.6 72.8





#13

Acrolein

Concen: 261.248 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

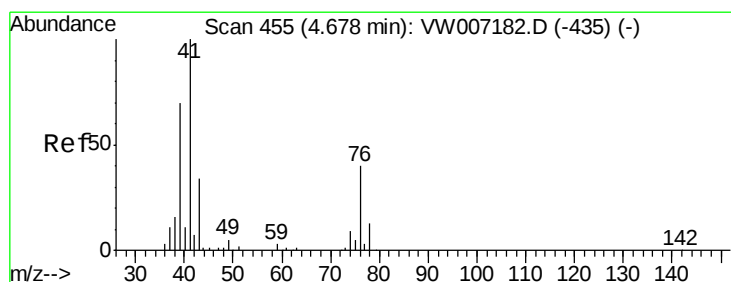
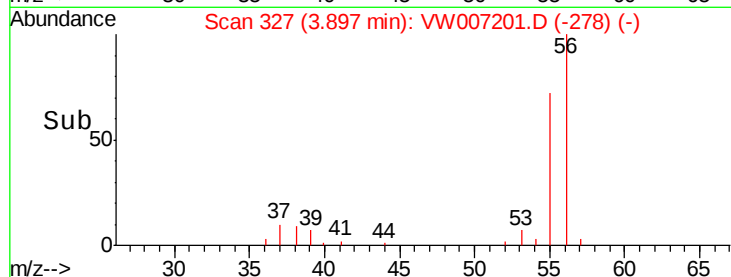
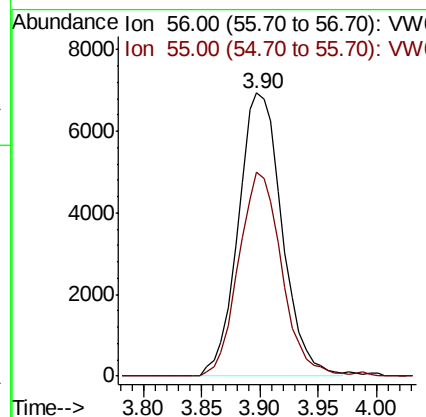
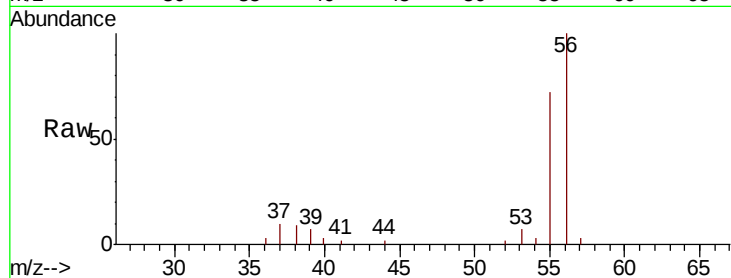
VSTDCCC050EC

Tot Ion: 56 Resp: 18161

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 45.503 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

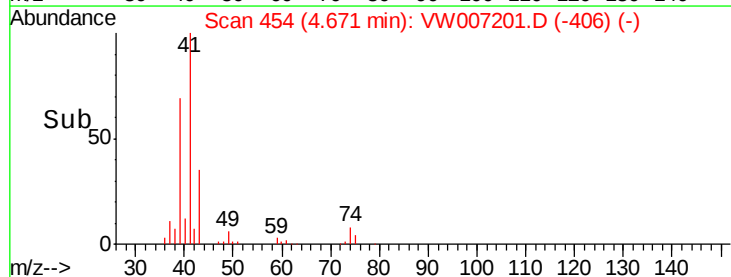
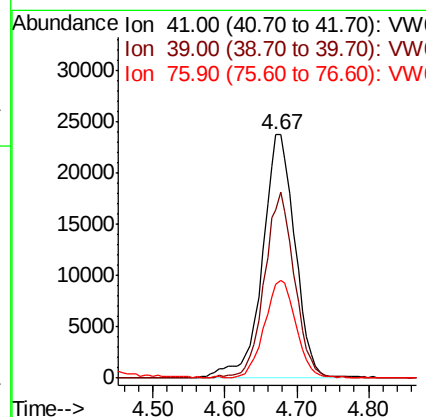
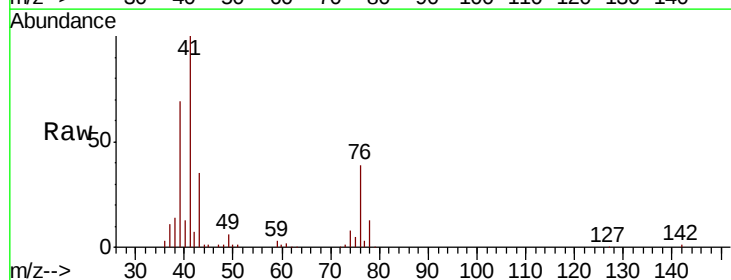
Tgt Ion: 41 Resp: 74416

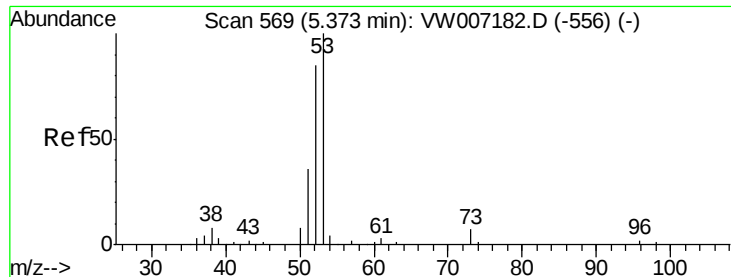
Ion Ratio Lower Upper

41 100

39 70.6 55.9 83.9

76 38.8 30.8 46.2





#15

Acrylonitrile

Concen: 251.877 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

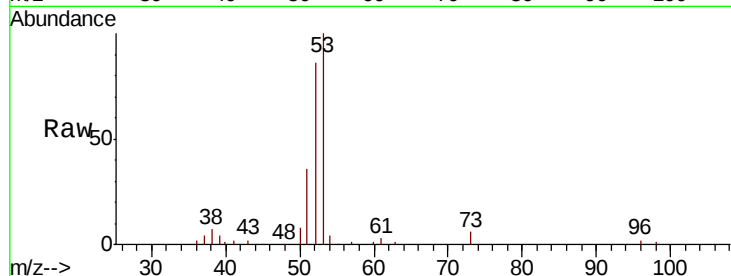
Tot Ion: 53 Resp: 52897

Ion Ratio Lower Upper

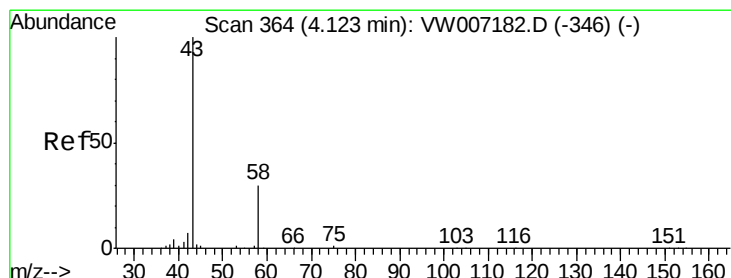
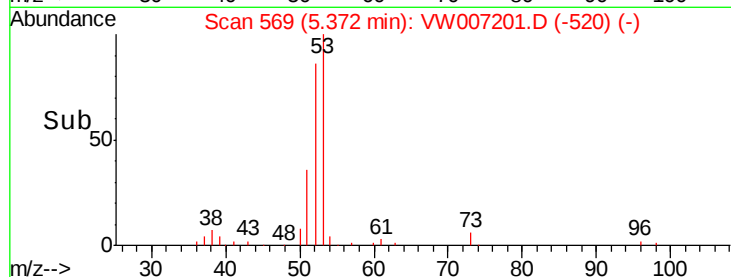
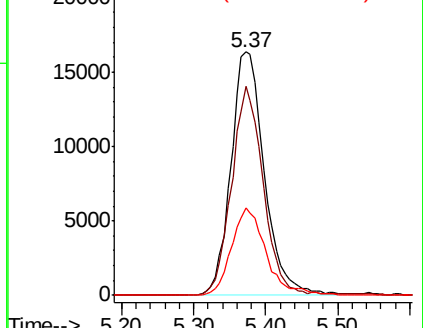
53 100

52 81.1 66.1 99.1

51 36.8 30.3 45.5



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



#16

Acetone

Concen: 213.590 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007201.D

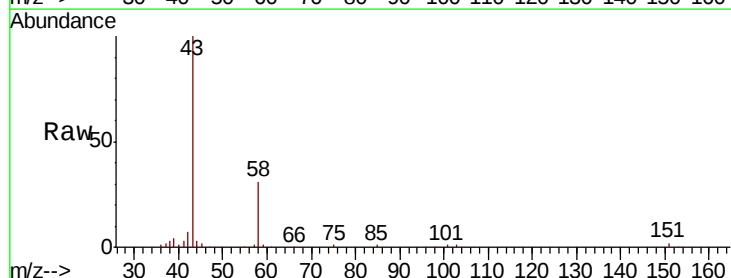
Acq: 04 Dec 2018 21:11

Tgt Ion: 43 Resp: 50165

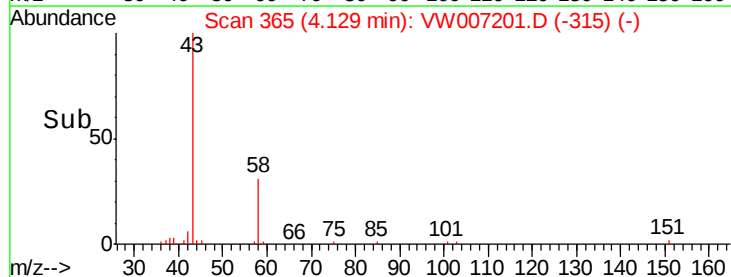
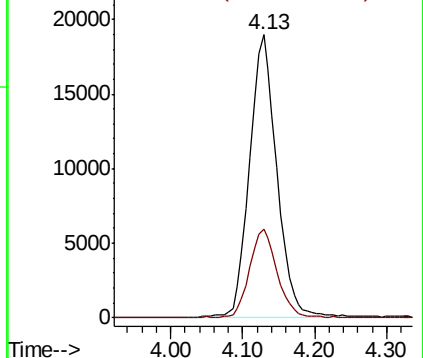
Ion Ratio Lower Upper

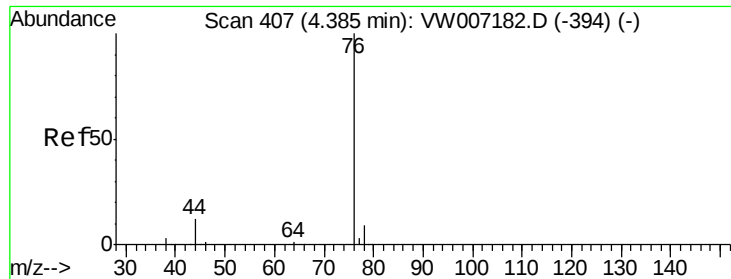
43 100

58 31.4 23.8 35.8



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

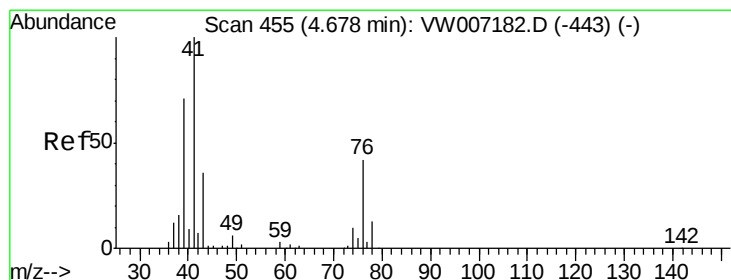
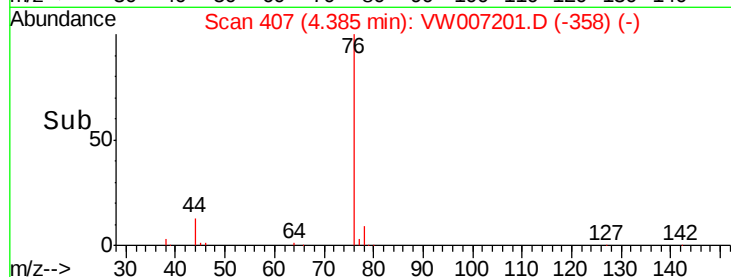
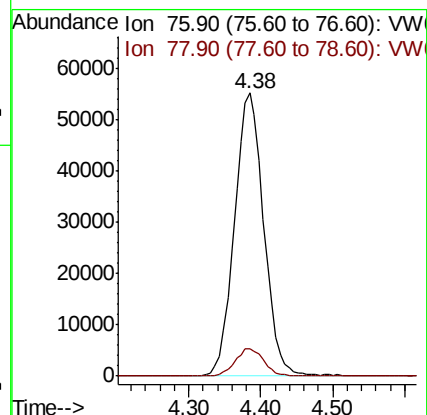
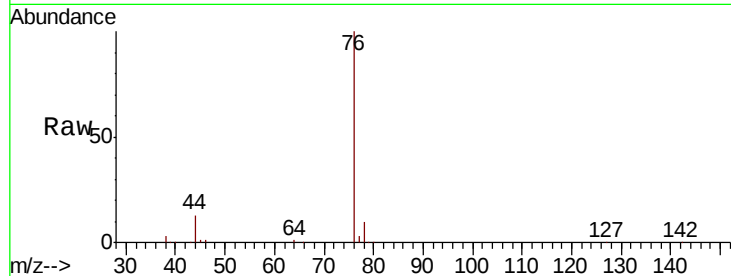




#17
Carbon Disulfide
Concen: 46.247 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

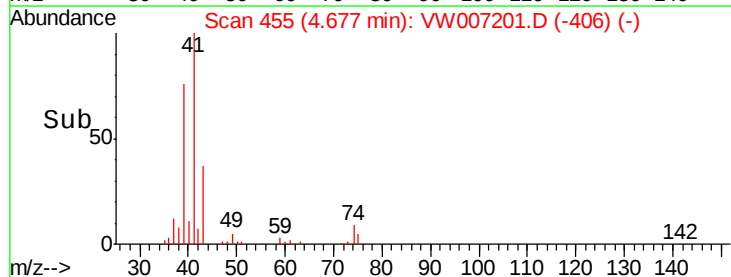
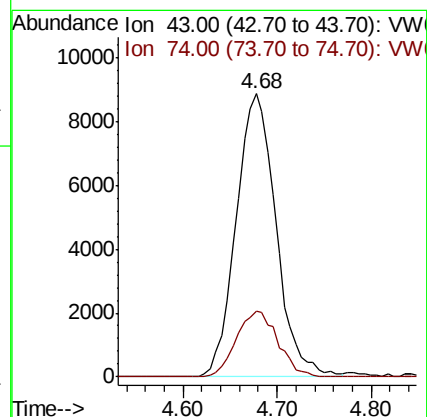
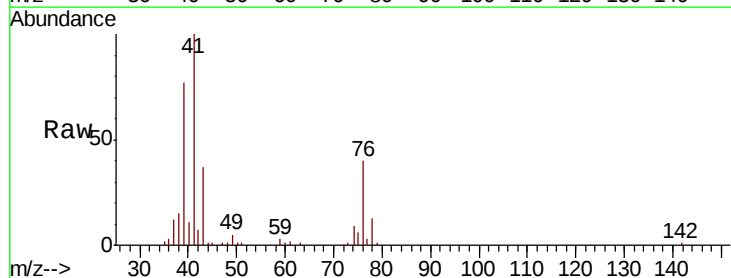
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 15535
Ion Ratio Lower Upper
76 100
78 9.8 7.2 10.8



#18
Methyl Acetate
Concen: 48.696 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 43 Resp: 26106
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1

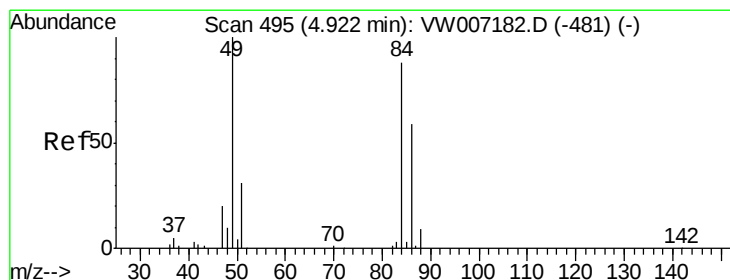
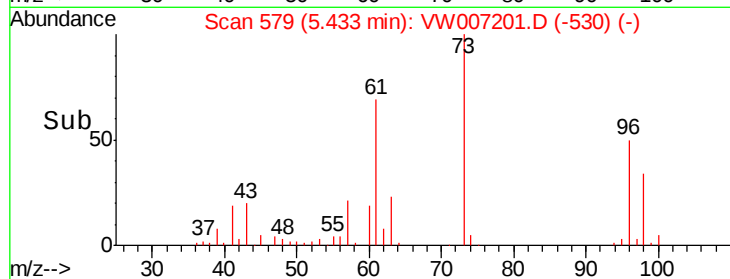
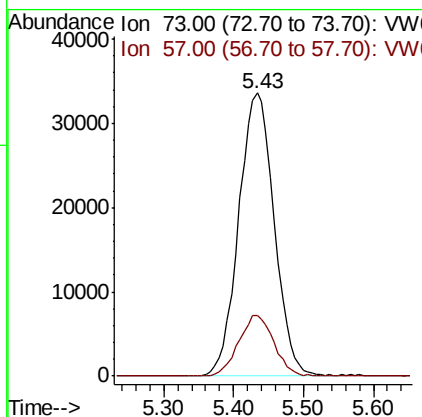
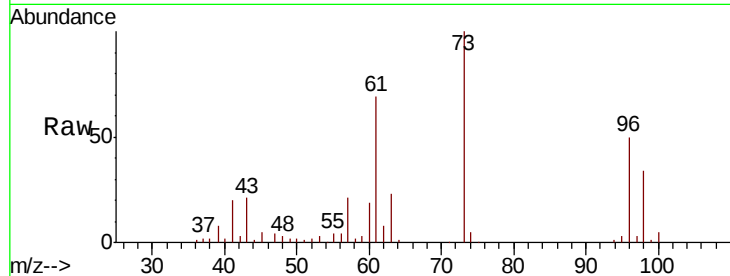




#19
Methvl tert-butvl Ether
Concen: 49.334 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

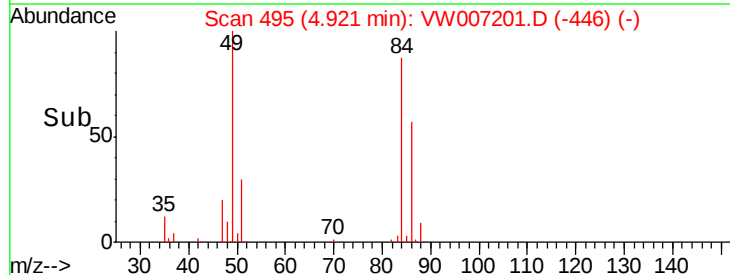
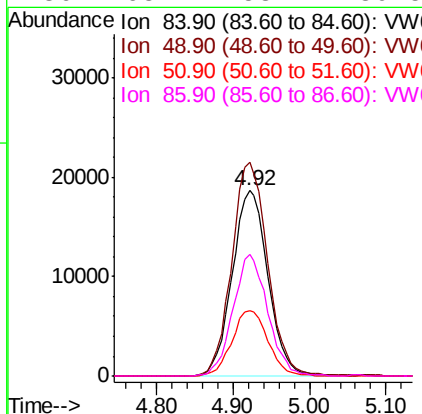
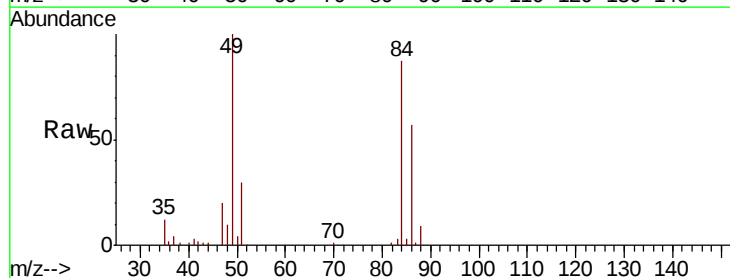
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

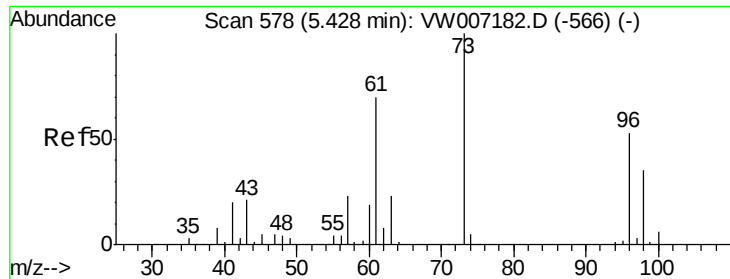
Tot Ion: 73 Resp: 118508
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0



#20
Methylene Chloride
Concen: 51.337 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 84 Resp: 60555
Ion Ratio Lower Upper
84 100
49 115.4 90.6 135.8
51 35.1 27.6 41.4
86 65.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 45.691 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

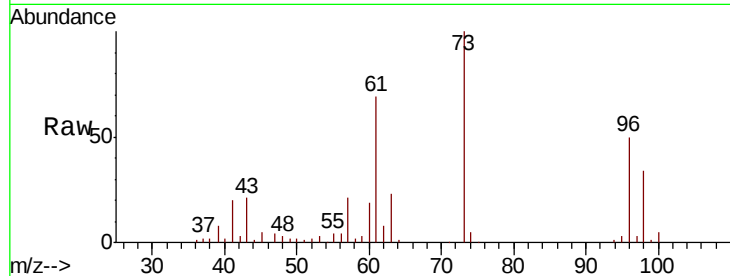
Tot Ion: 96 Resp: 52052

Ion Ratio Lower Upper

96 100

61 138.3 105.5 158.3

98 67.4 52.6 79.0

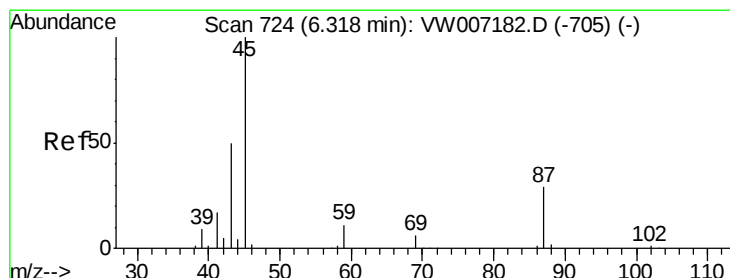
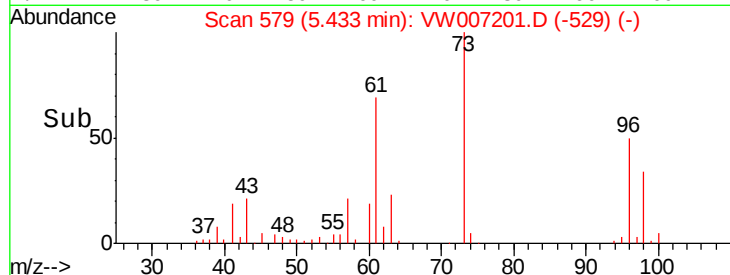
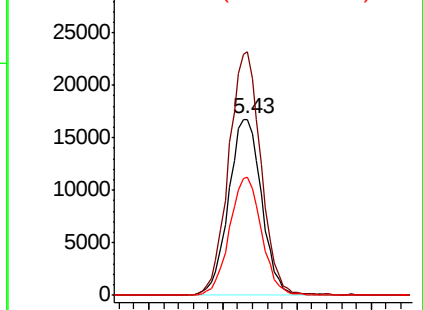


Abundance

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: 50.011 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion: 45 Resp: 146823

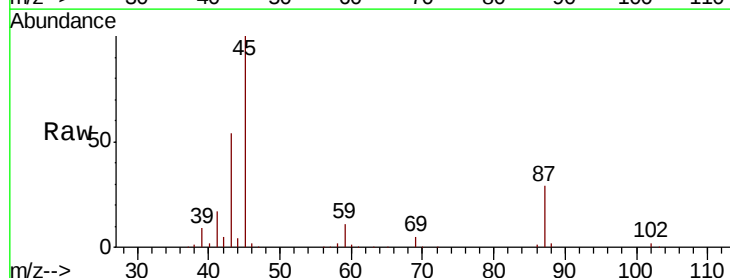
Ion Ratio Lower Upper

45 100

43 53.8 40.8 61.2

87 29.4 24.0 36.0

59 11.4 9.1 13.7



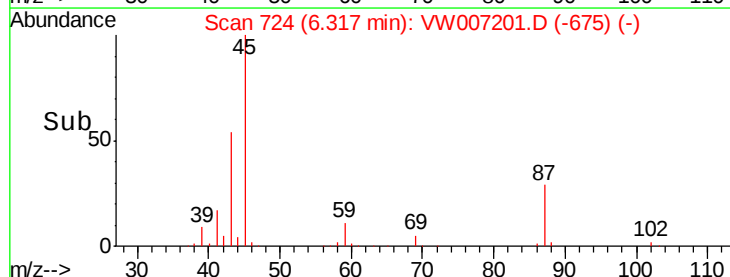
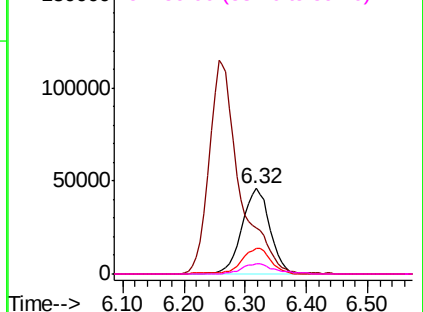
Abundance

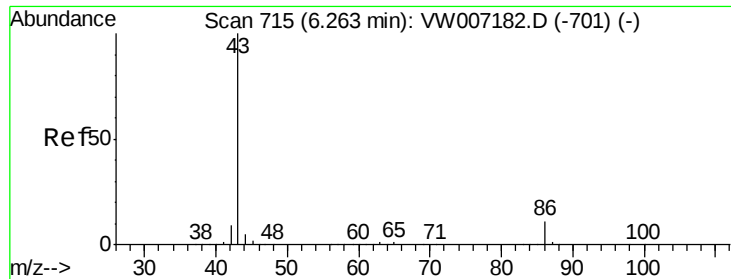
Ion 45.00 (44.70 to 45.70): VW

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: 249.467 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

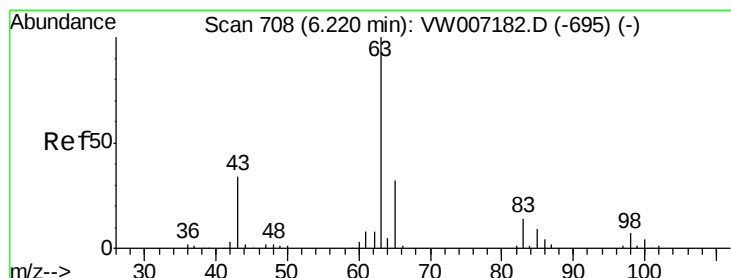
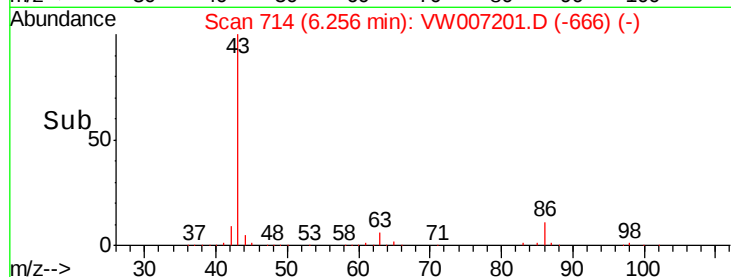
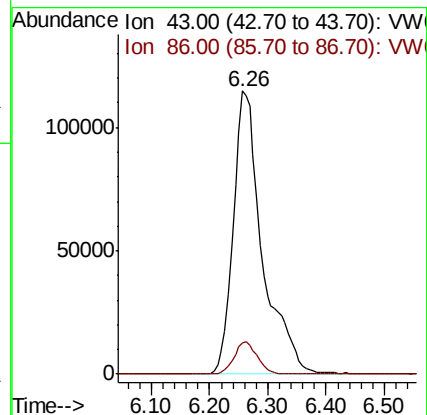
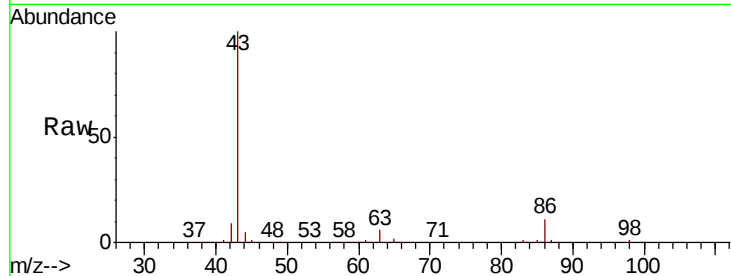
VSTDCCC050EC

Tot Ion: 43 Resp: 399625

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.6



#24

1,1-Dichloroethane

Concen: 47.003 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

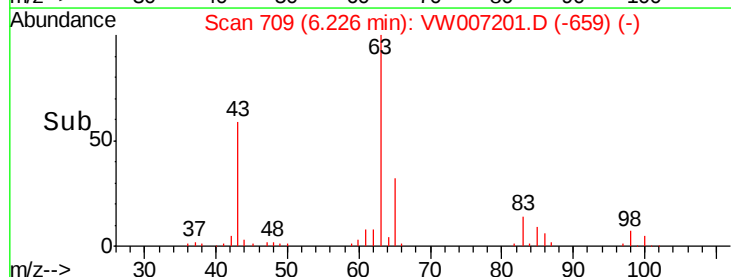
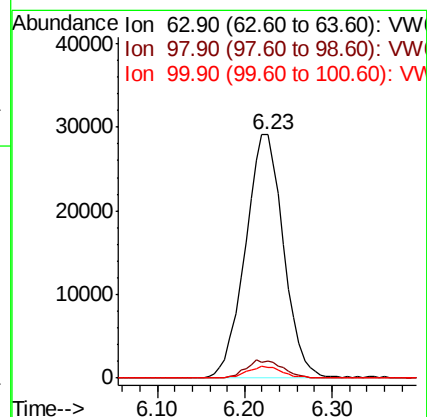
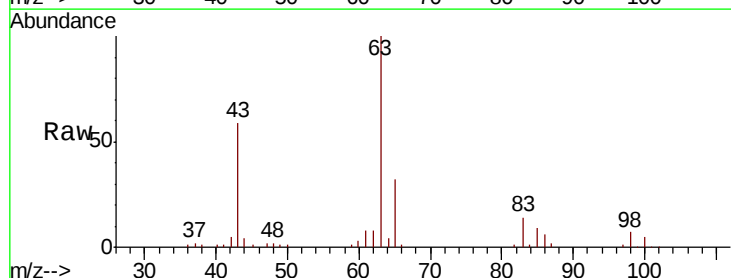
Tgt Ion: 63 Resp: 88444

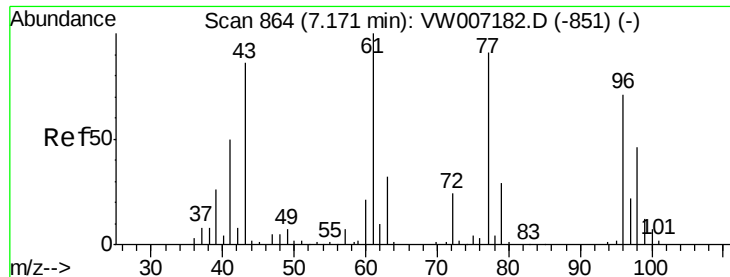
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.5 2.1 6.2

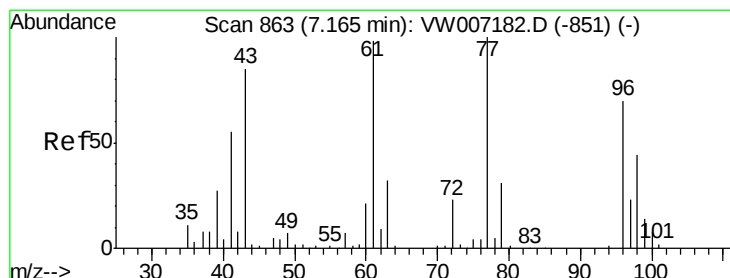
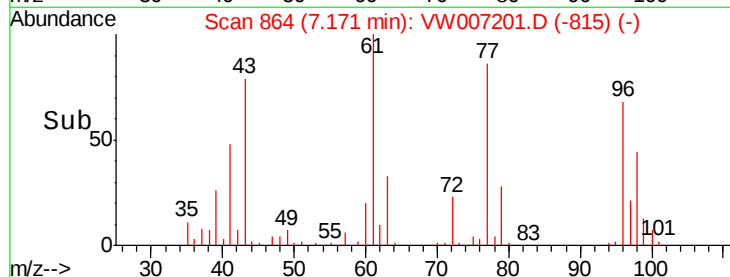
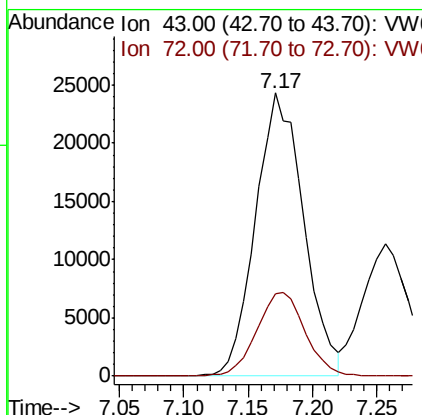
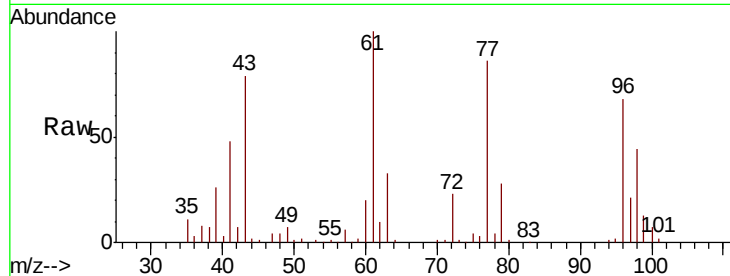




#25
2-Butanone
Concen: 231.773 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

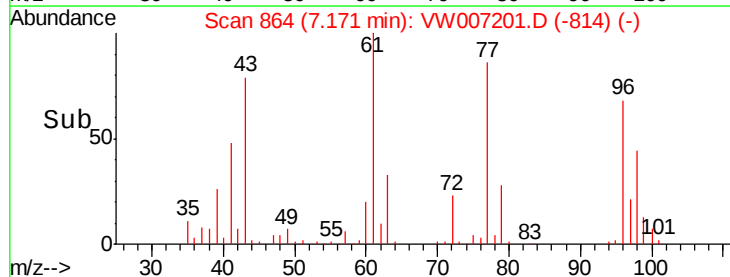
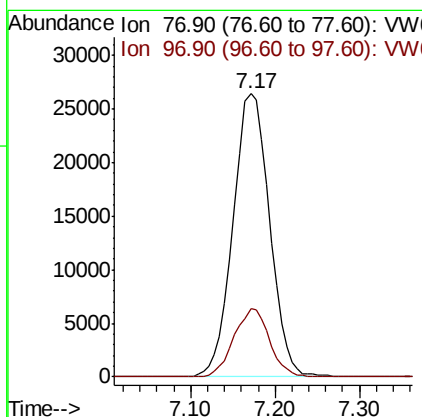
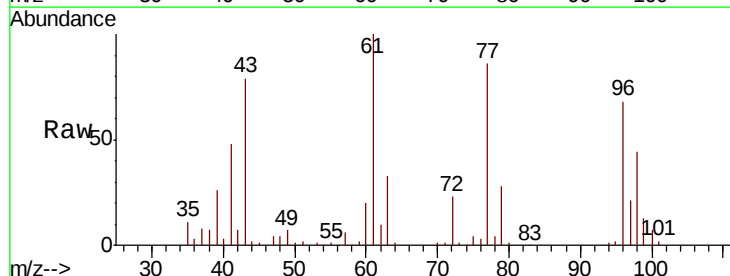
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

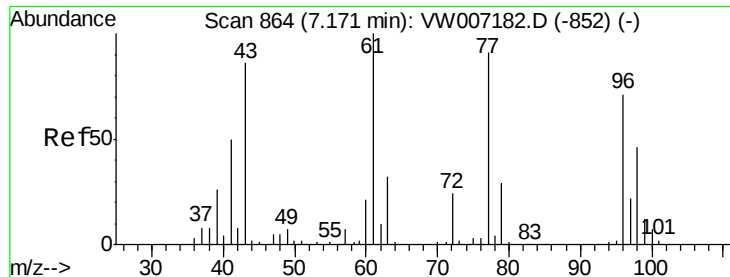
Tot Ion: 43 Resp: 63102
Ion Ratio Lower Upper
43 100
72 29.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 43.051 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 77 Resp: 77847
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.4



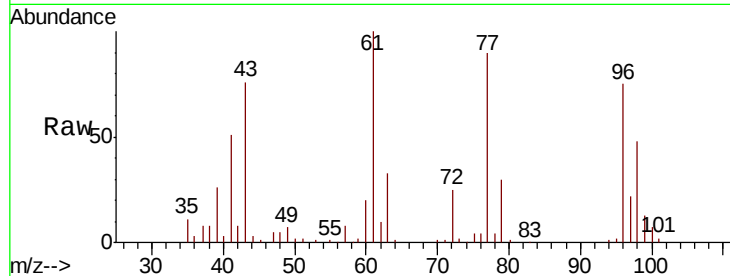


#27

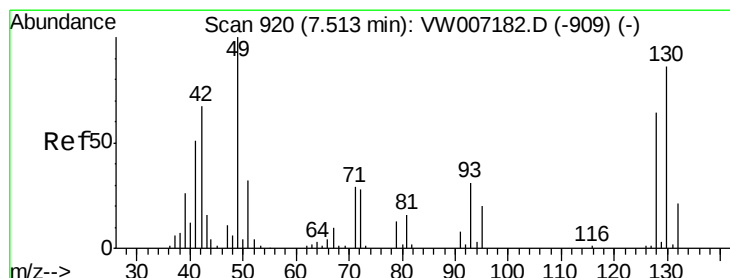
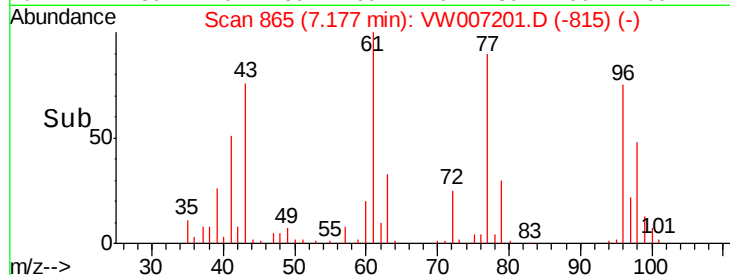
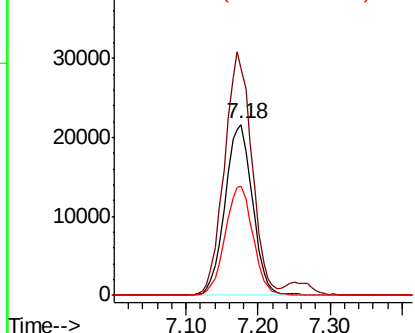
cis-1,2-Dichloroethene
Concen: 47.215 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 57662
Ion Ratio Lower Upper
96 100
61 142.0 0.0 282.4
98 64.4 0.0 129.8



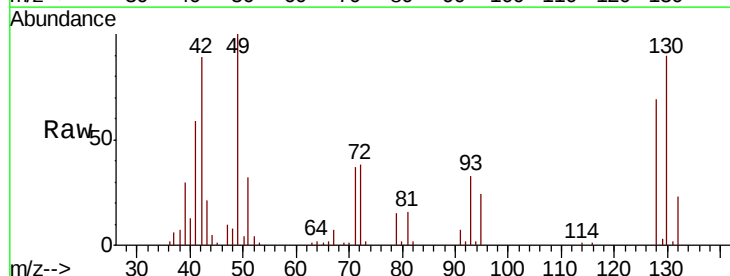
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



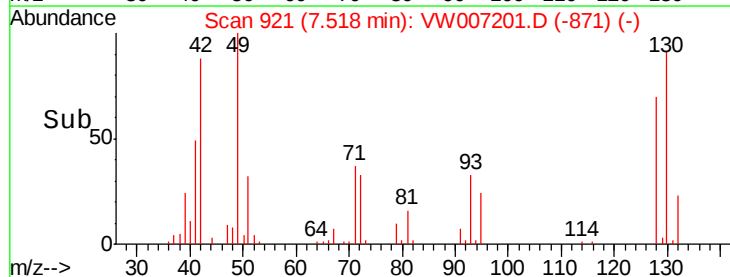
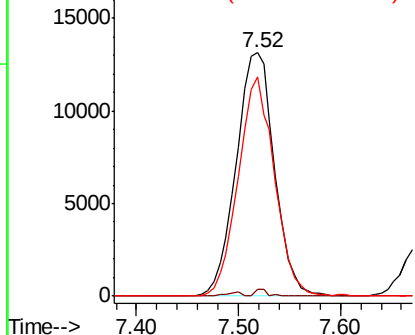
#28

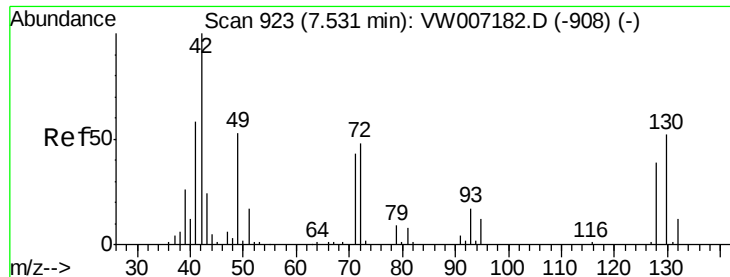
Bromochloromethane
Concen: 50.519 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 49 Resp: 34277
Ion Ratio Lower Upper
49 100
129 0.9 0.0 3.8
130 85.2 70.3 105.5



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

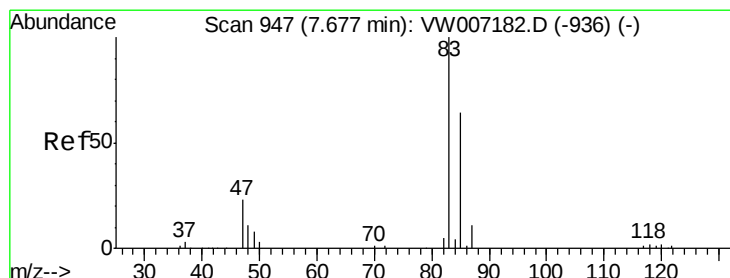
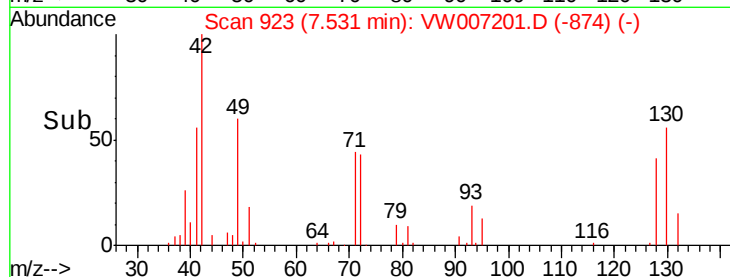
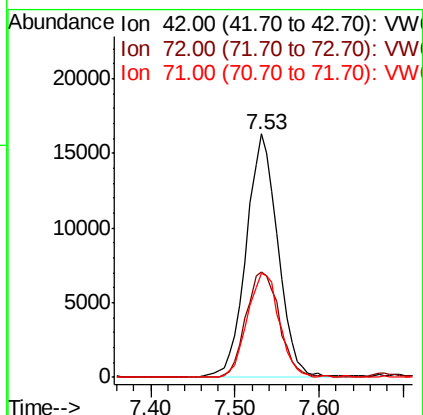
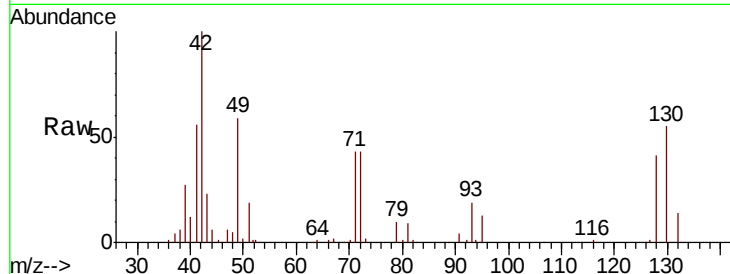




#29
Tetrahydrofuran
Concen: 247.350 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

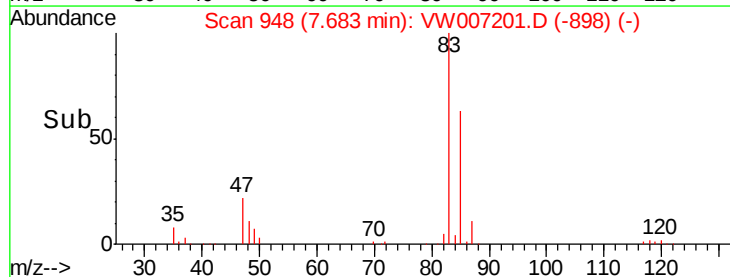
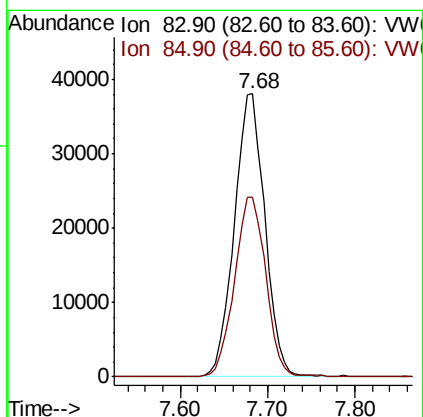
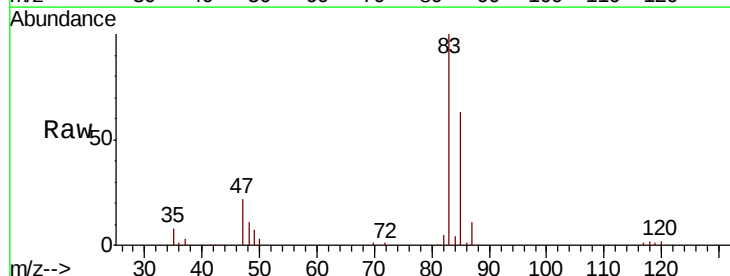
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

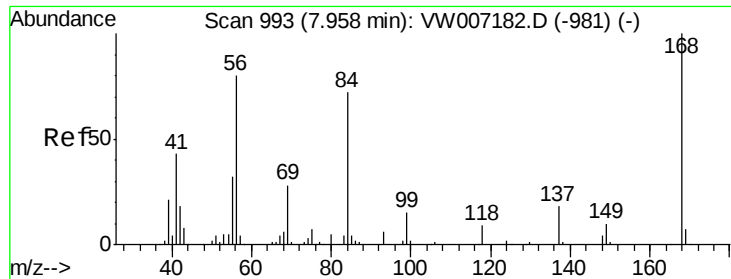
Tot Ion: 42 Resp: 41615
Ion Ratio Lower Upper
42 100
72 45.8 36.6 55.0
71 43.2 34.8 52.2



#30
Chloroform
Concen: 47.432 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 83 Resp: 92757
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3

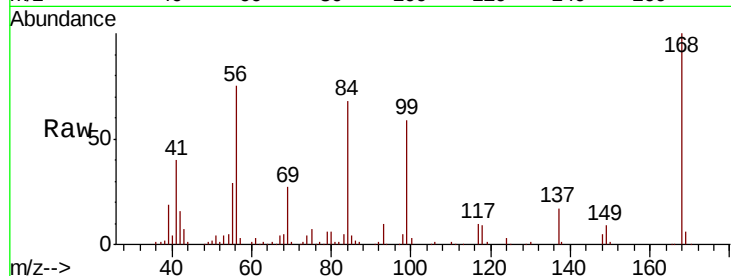




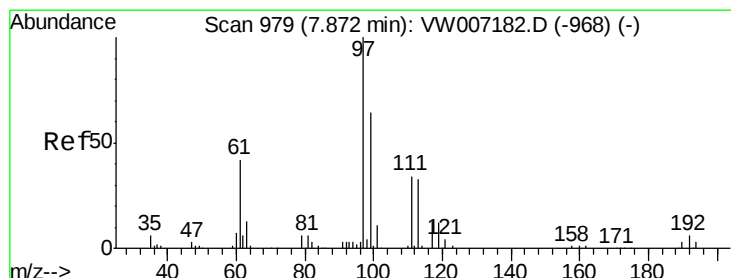
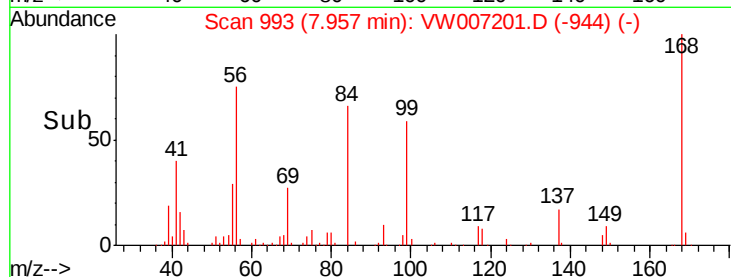
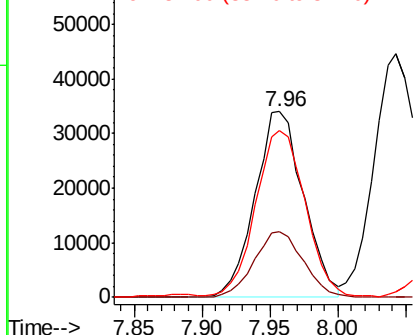
#31
Cyclohexane
Concen: 43.096 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 84847
Ion Ratio Lower Upper
56 100
69 35.6 28.2 42.2
84 88.8 72.1 108.1

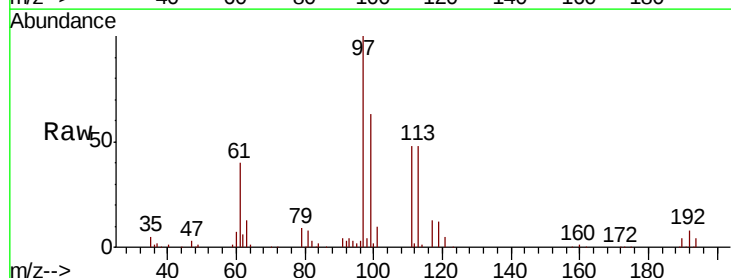


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

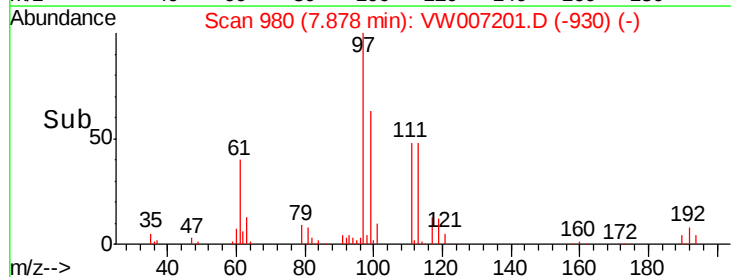
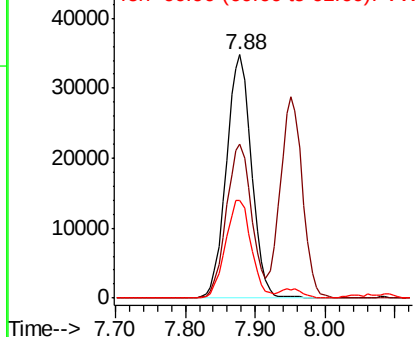


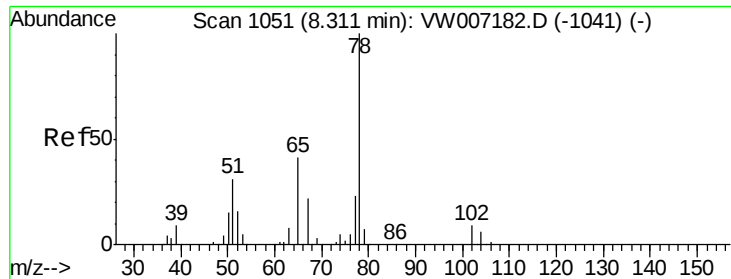
#32
1,1,1-Trichloroethane
Concen: 47.026 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 97 Resp: 86545
Ion Ratio Lower Upper
97 100
99 64.1 51.3 76.9
61 41.2 33.2 49.8



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

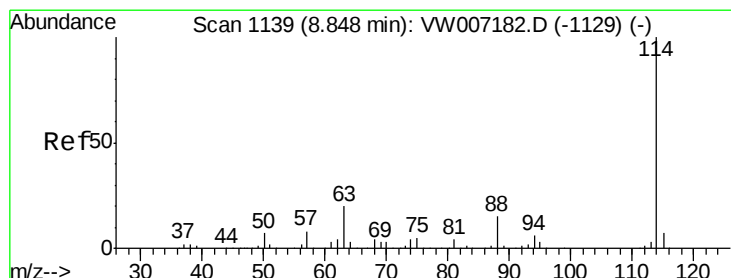
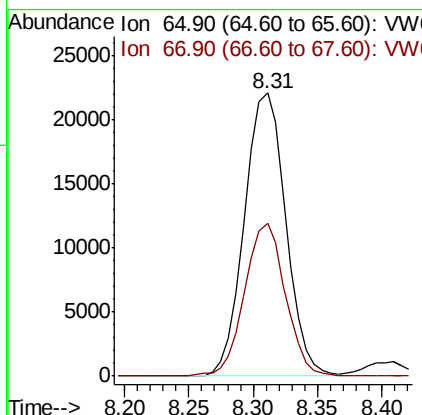
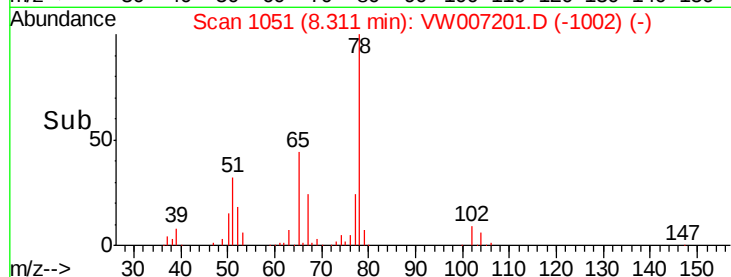
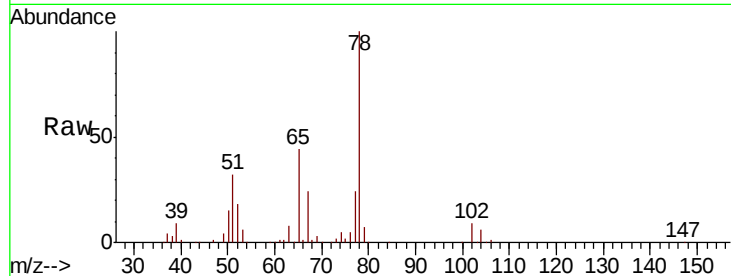




#33
 1,2-Dichloroethane-d4
 Concen: 49.543 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

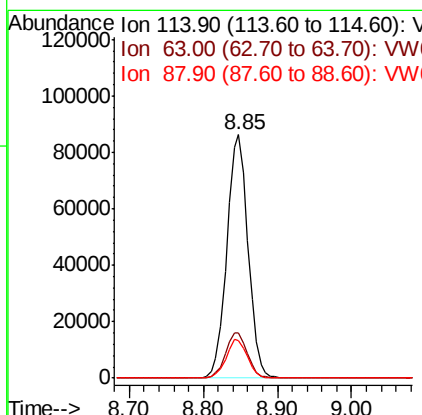
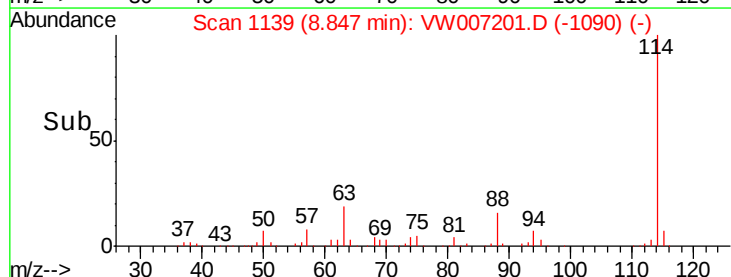
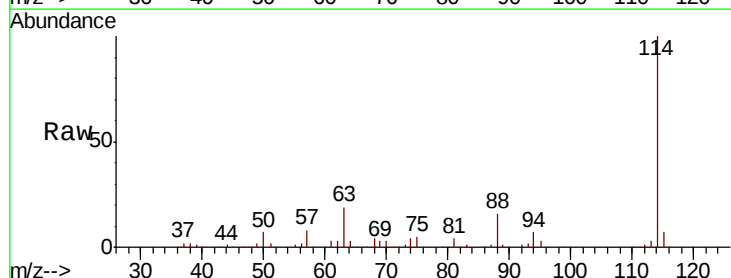
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

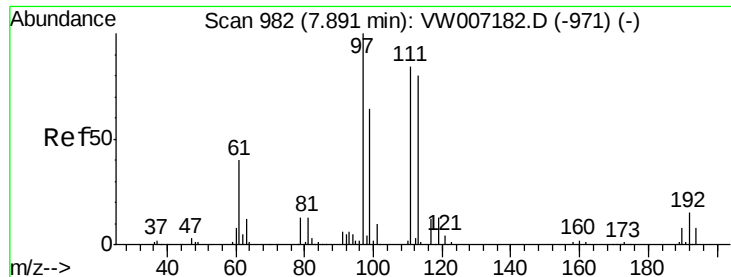
Tot Ion: 65 Resp: 49152
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 114 Resp: 171416
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.2
 88 15.5 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.645 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

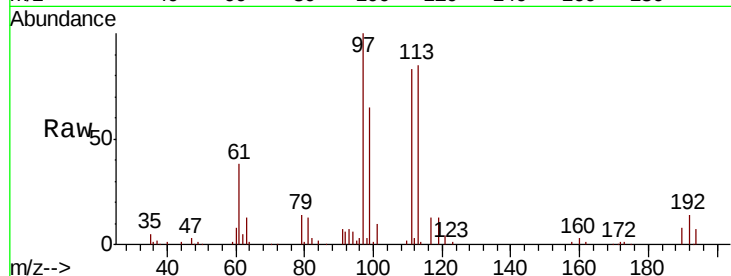
Tot Ion:113 Resp: 47746

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

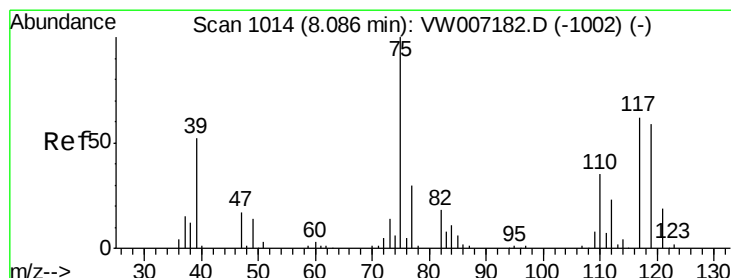
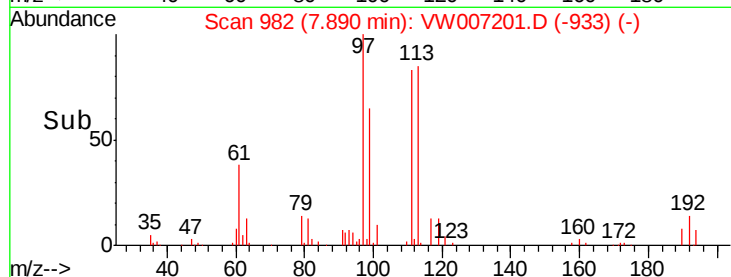
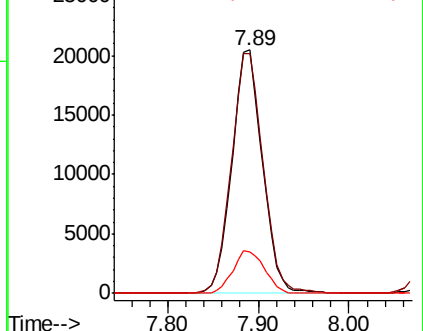
192 18.2 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.559 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

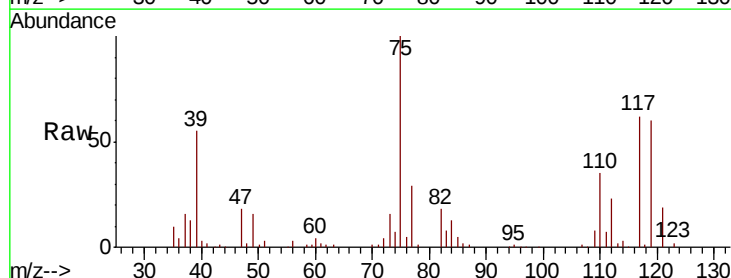
Tgt Ion: 75 Resp: 75988

Ion Ratio Lower Upper

75 100

110 37.0 18.3 54.9

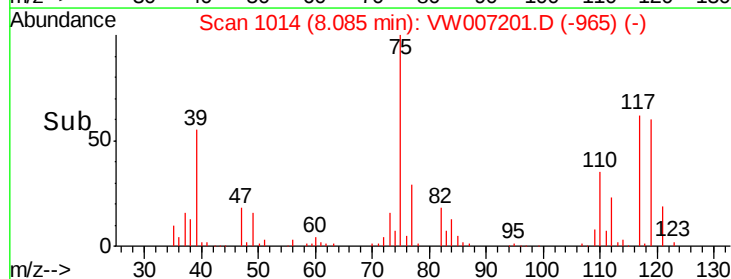
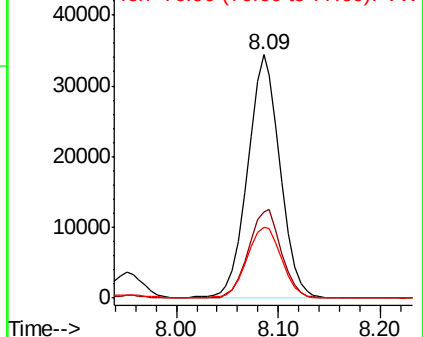
77 31.5 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

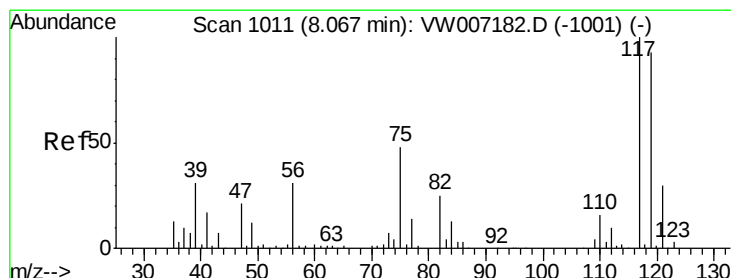
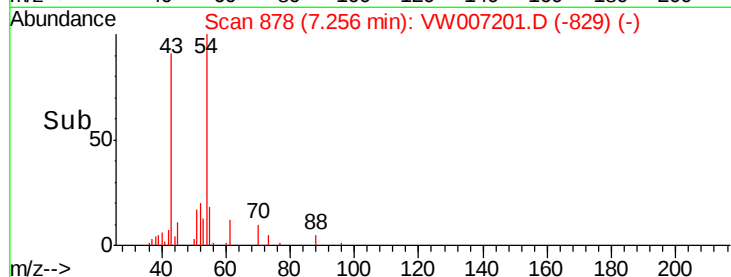
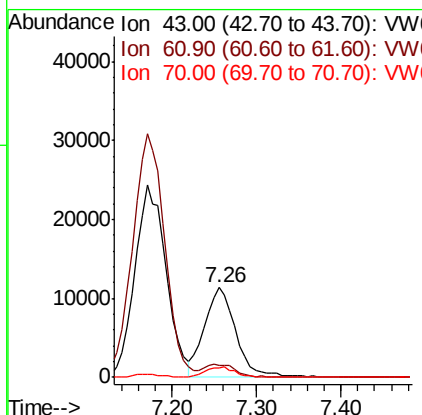
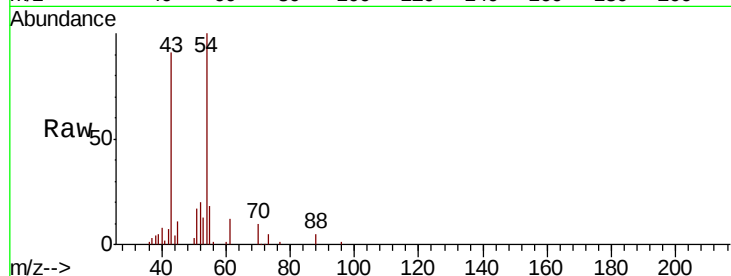




#37
Ethyl Acetate
Concen: 48.894 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

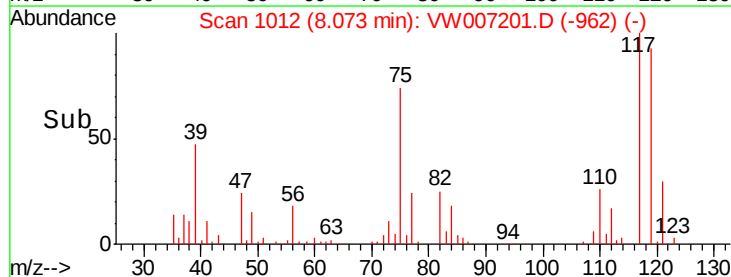
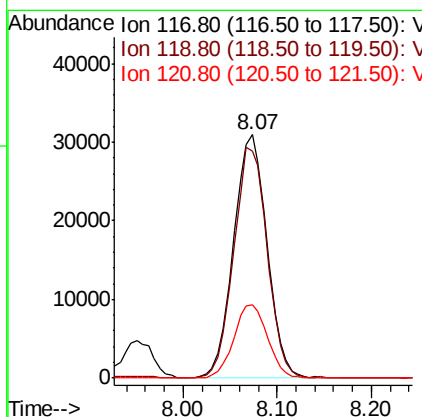
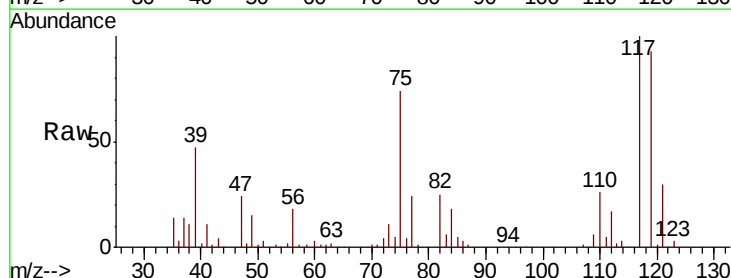
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

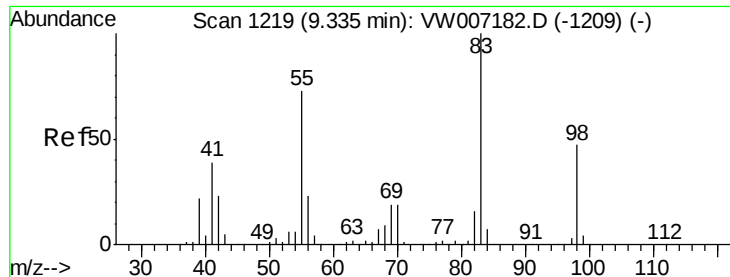
Tot Ion: 43 Resp: 29499
Ion Ratio Lower Upper
43 100
61 14.1 12.1 18.1
70 11.0 9.1 13.7



#38
Carbon Tetrachloride
Concen: 44.740 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 117 Resp: 76165
Ion Ratio Lower Upper
117 100
119 93.0 74.1 111.1
121 30.4 23.9 35.9

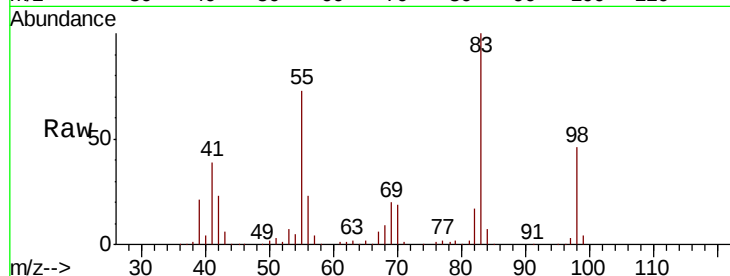




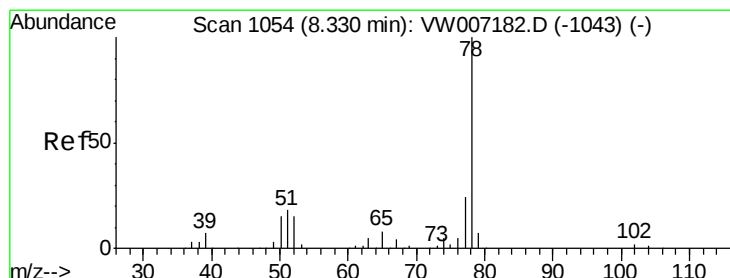
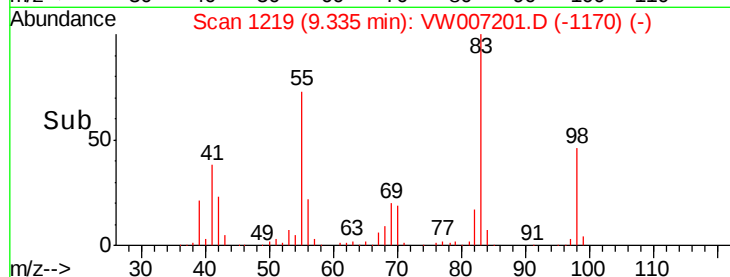
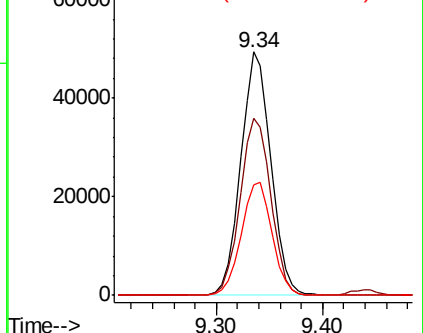
#39
Methvlcvclohexane
Concen: 44.026 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 98300
Ion Ratio Lower Upper
83 100
55 72.8 58.1 87.1
98 45.6 37.3 55.9

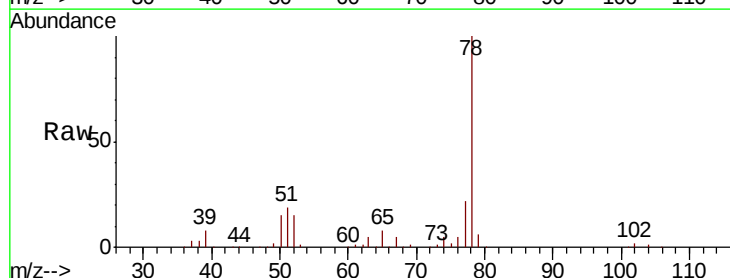


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

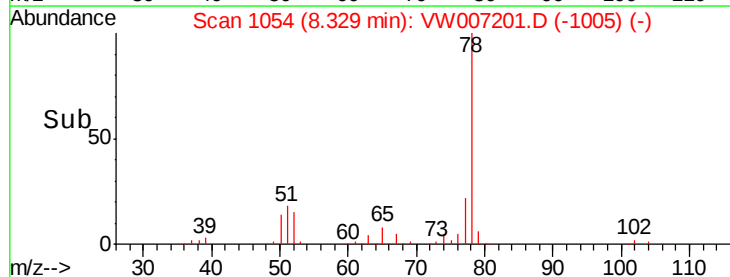
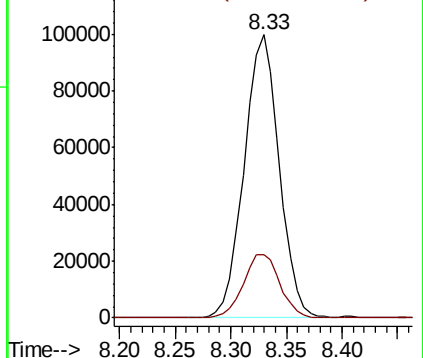


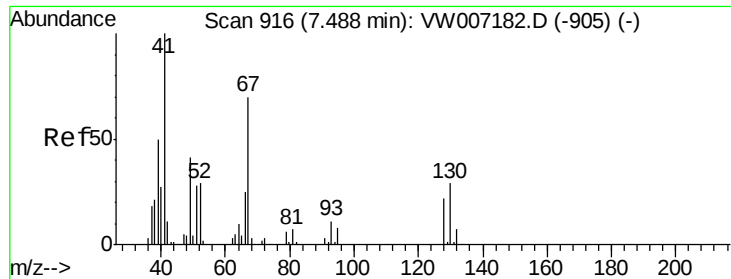
#40
Benzene
Concen: 47.818 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 78 Resp: 218702
Ion Ratio Lower Upper
78 100
77 22.4 18.9 28.3



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

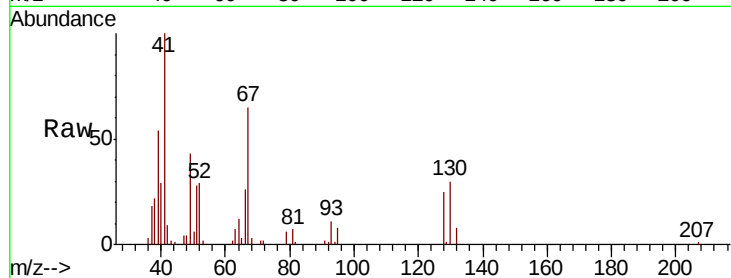




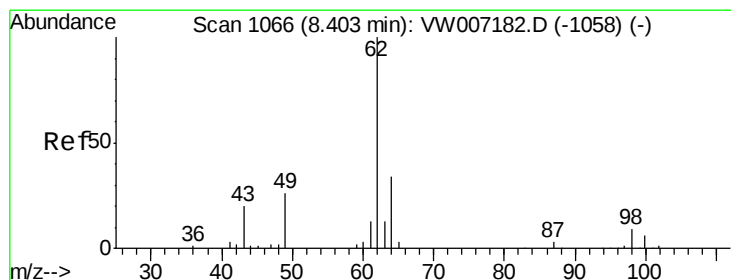
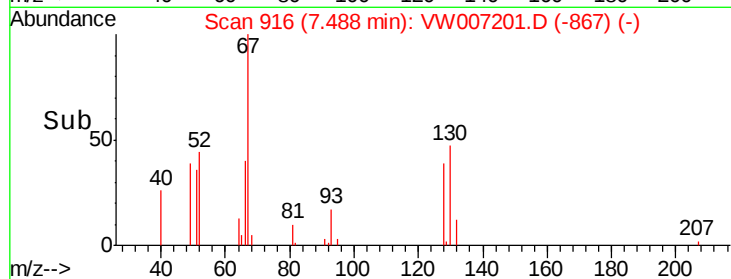
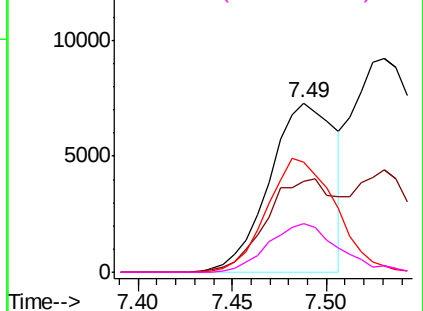
#41
Methacrylonitrile
Concen: 48.894 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	17669
Ion	Ratio	Lower	Upper
41	100		
39	57.1	43.4	65.0
67	70.7	57.4	86.0
52	30.7	23.3	34.9

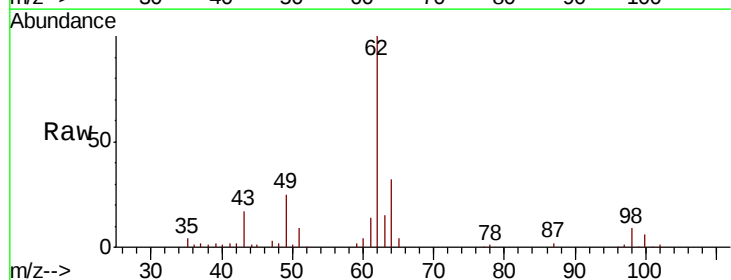


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

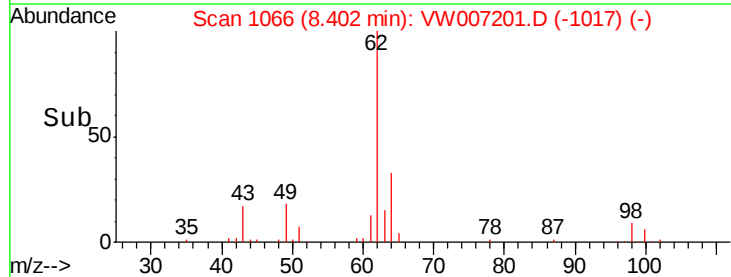
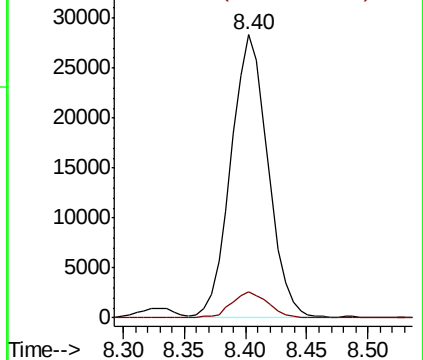


#42
1,2-Dichloroethane
Concen: 46.358 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:	62	Resp:	59256
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 48.945 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

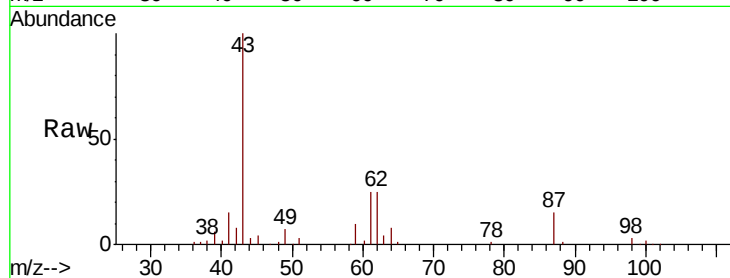
Tot Ion: 43 Resp: 57352

Ion Ratio Lower Upper

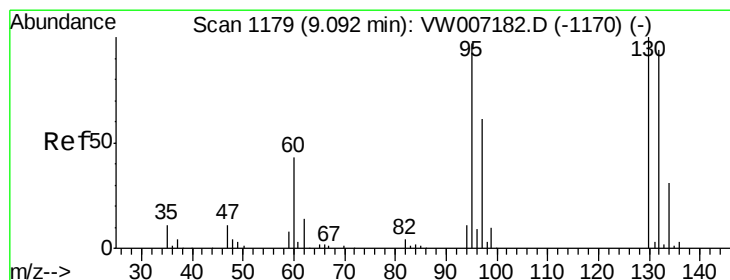
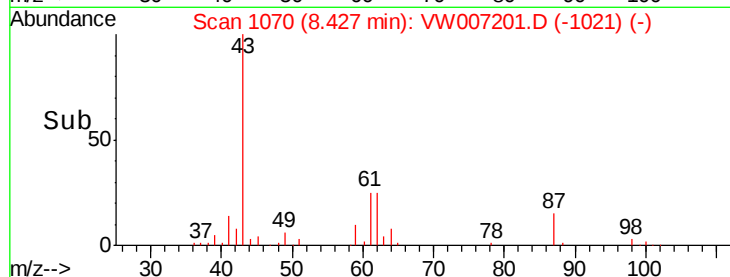
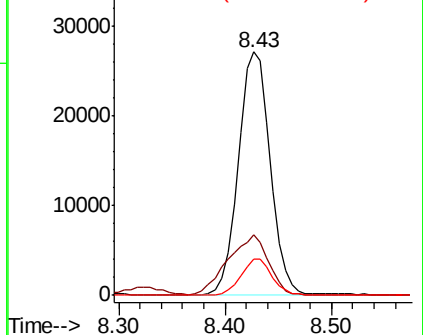
43 100

61 31.3 25.4 38.0

87 14.5 11.4 17.0



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



#44

Trichloroethene

Concen: 47.287 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007201.D

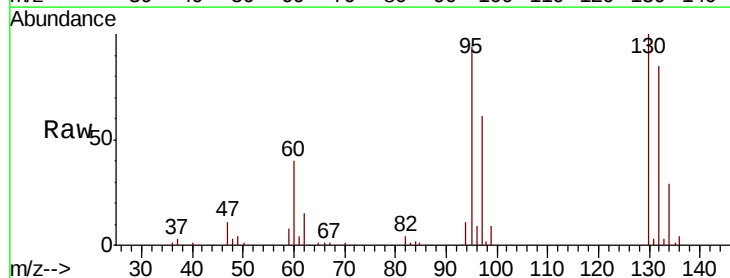
Acq: 04 Dec 2018 21:11

Tgt Ion:130 Resp: 60792

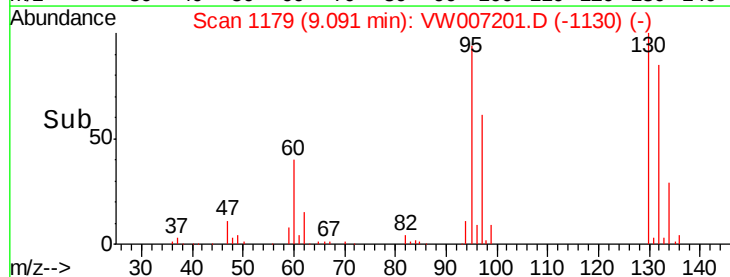
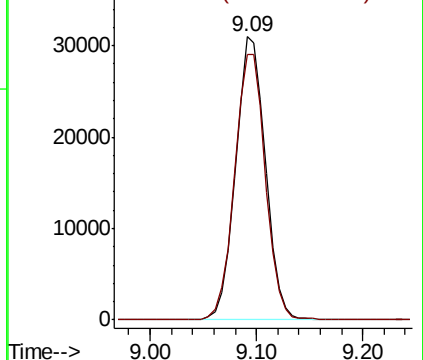
Ion Ratio Lower Upper

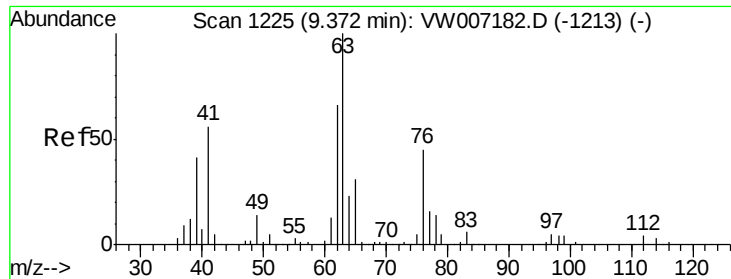
130 100

95 93.9 0.0 194.0



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

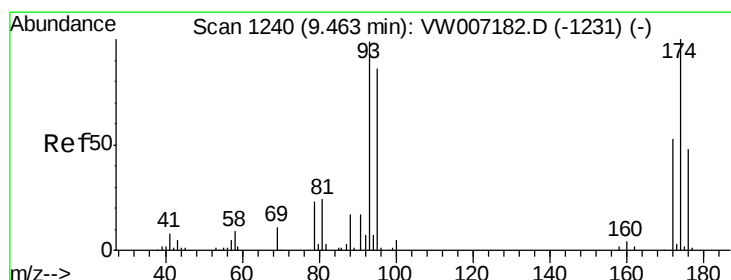
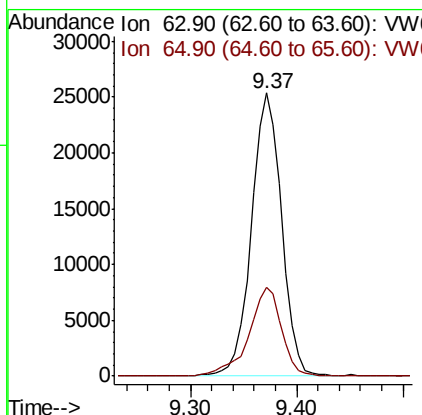
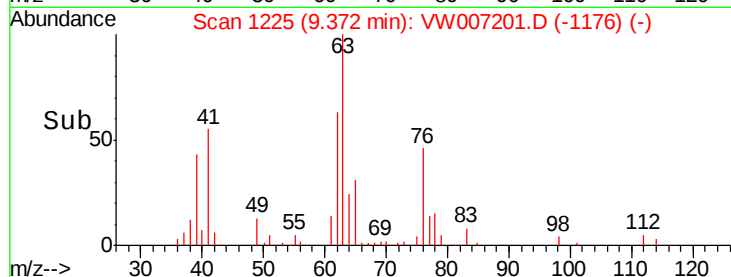
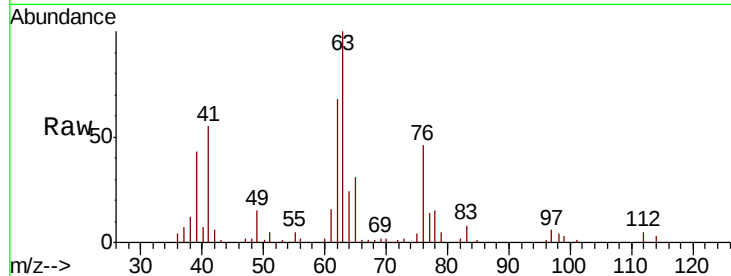




#45
 1,2-Dichloropropane
 Concen: 47.421 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

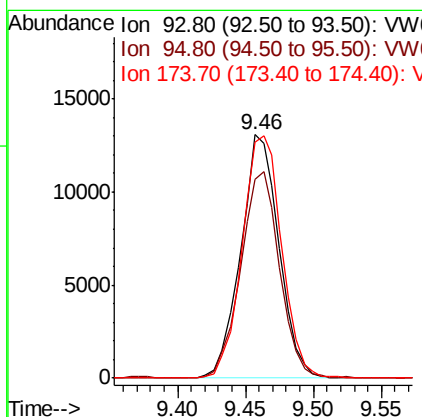
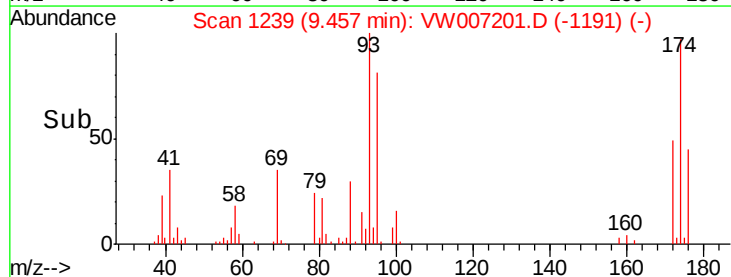
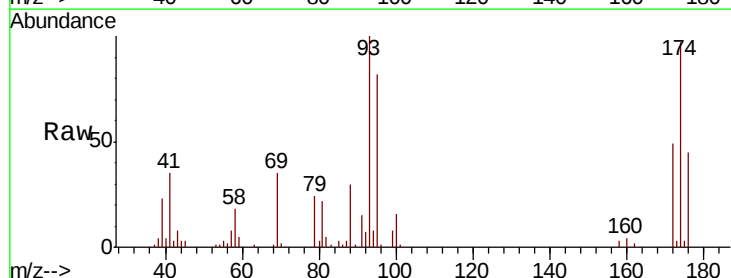
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

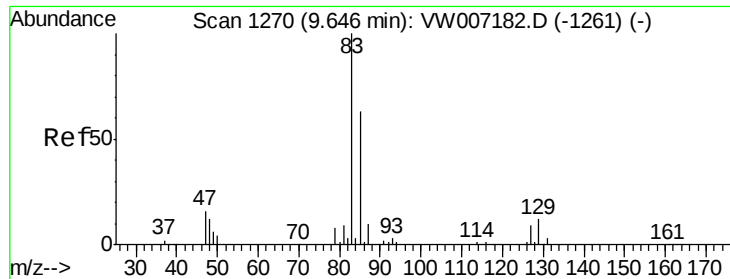
Tot Ion: 63 Resp: 50471
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.0 37.4



#46
 Dibromomethane
 Concen: 46.289 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 93 Resp: 25600
 Ion Ratio Lower Upper
 93 100
 95 86.2 68.7 103.1
 174 103.3 82.9 124.3





#47

Bromodichloromethane

Concen: 47.052 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

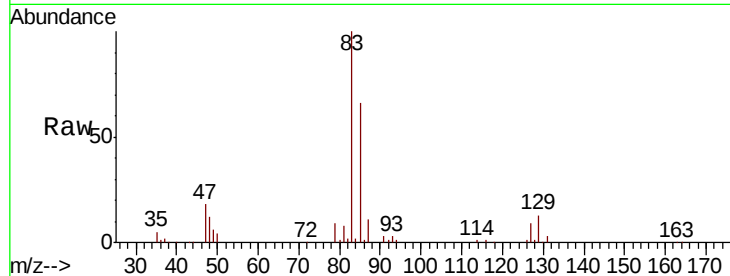
Tot Ion: 83 Resp: 68450

Ion Ratio Lower Upper

83 100

85 66.4 50.6 76.0

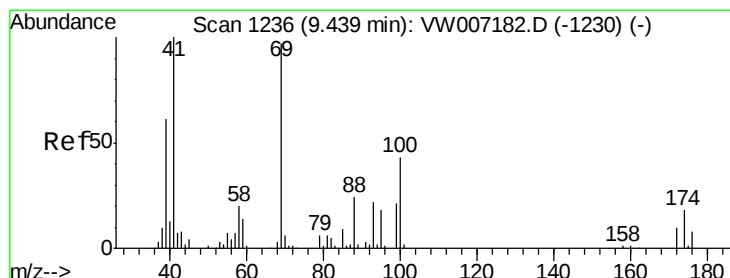
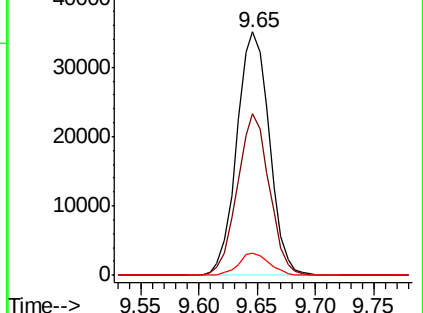
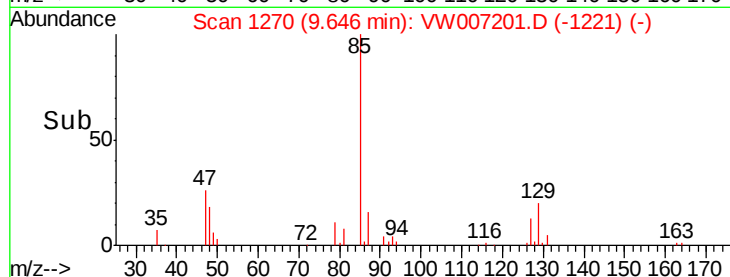
127 8.9 7.3 10.9



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: 48.178 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

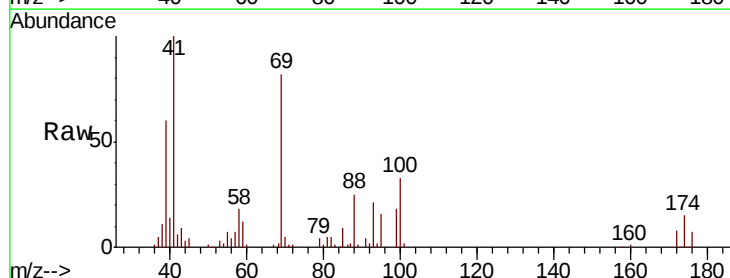
Tgt Ion: 41 Resp: 29300

Ion Ratio Lower Upper

41 100

69 89.7 69.6 104.4

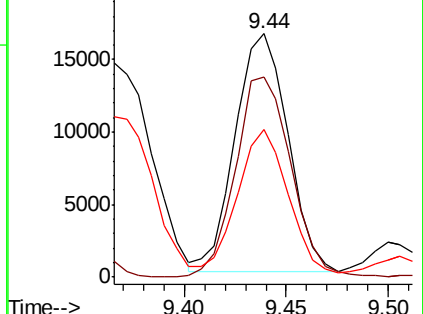
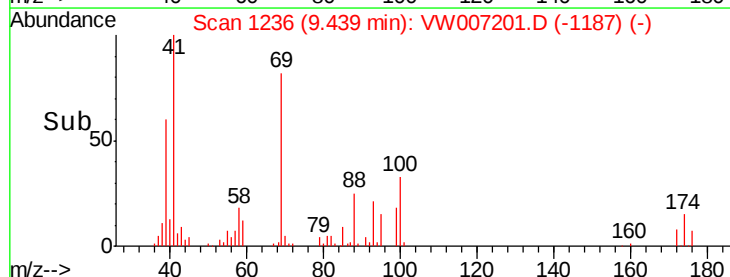
39 57.5 42.4 63.6

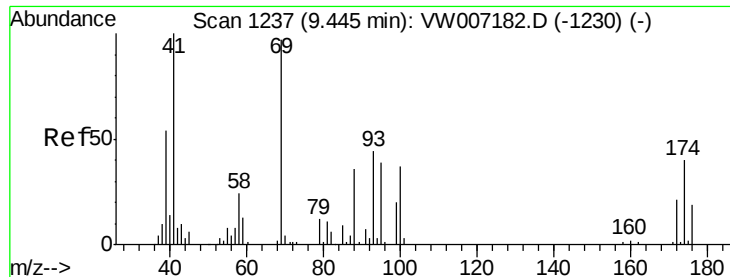


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1014.471 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

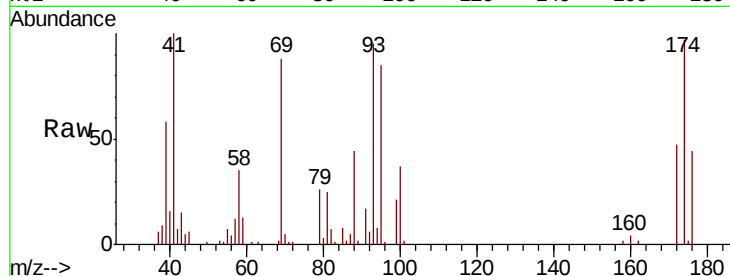
Tot Ion: 88 Resp: 9801

Ion Ratio Lower Upper

88 100

43 33.8 25.8 38.8

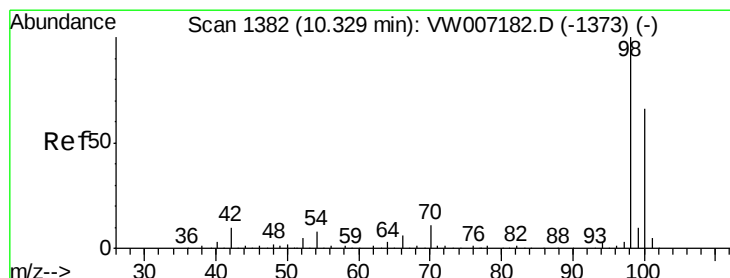
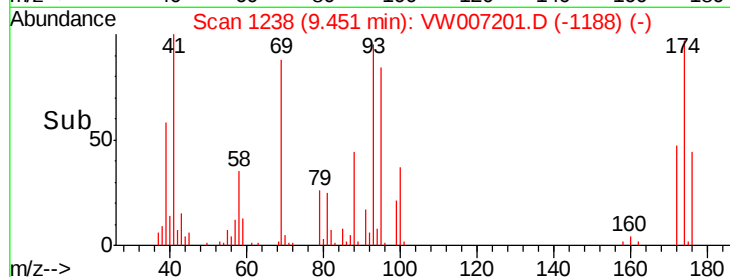
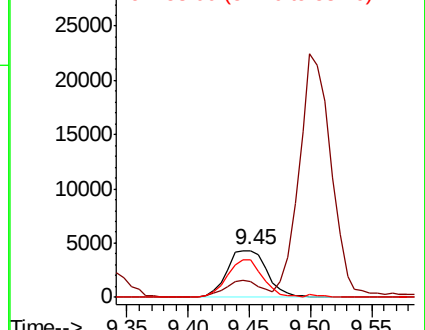
58 71.4 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 49.327 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW007201.D

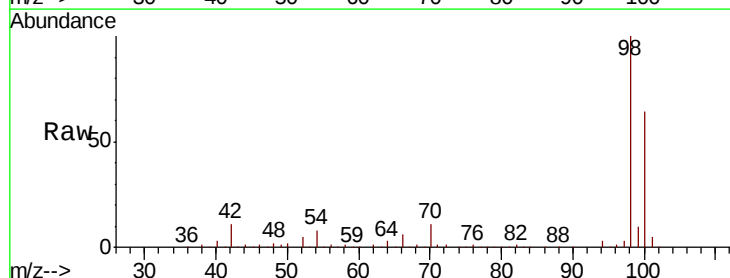
Acq: 04 Dec 2018 21:11

Tgt Ion: 98 Resp: 213269

Ion Ratio Lower Upper

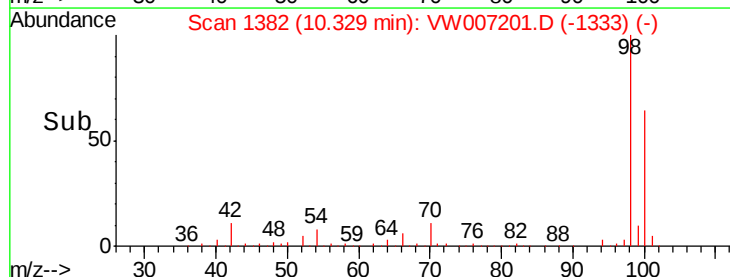
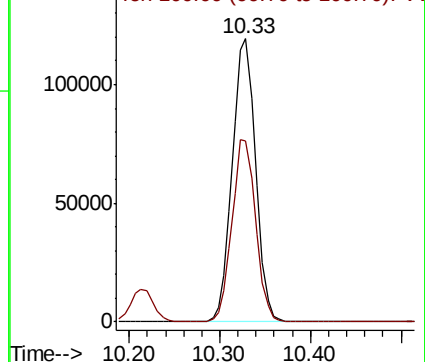
98 100

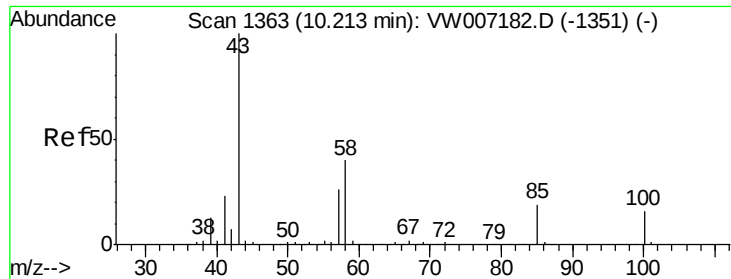
100 65.2 52.7 79.1



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: 256.945 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

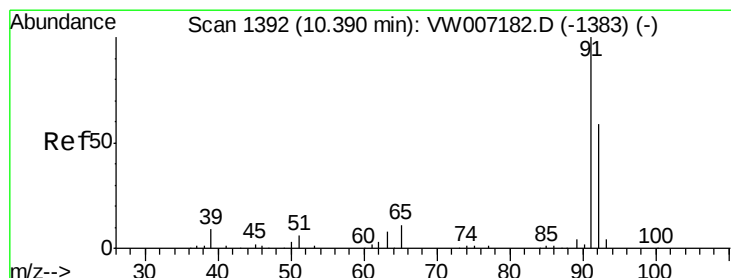
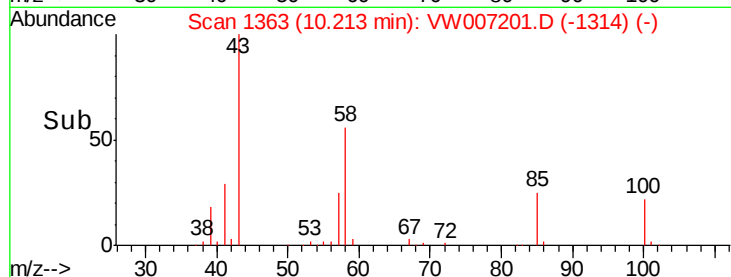
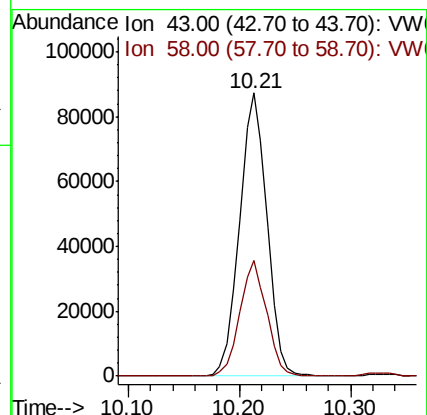
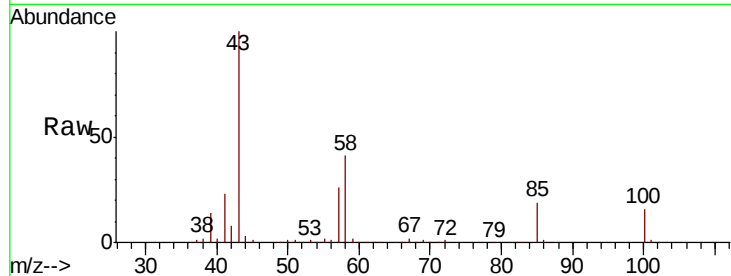
VSTDCCC050EC

Tot Ion: 43 Resp: 148374

Ion Ratio Lower Upper

43 100

58 40.0 32.3 48.5



#52

Toluene

Concen: 47.961 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007201.D

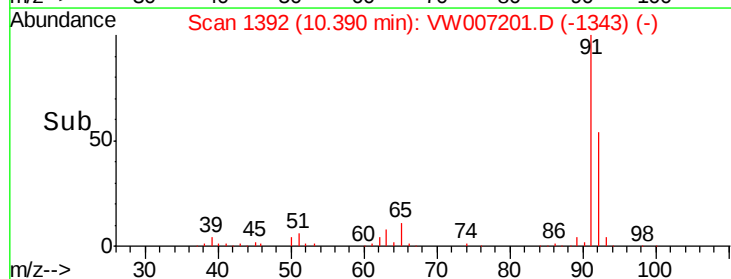
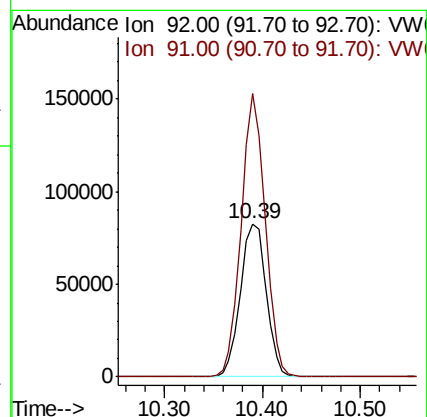
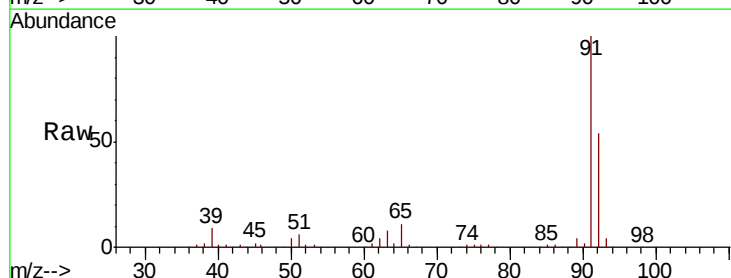
Acq: 04 Dec 2018 21:11

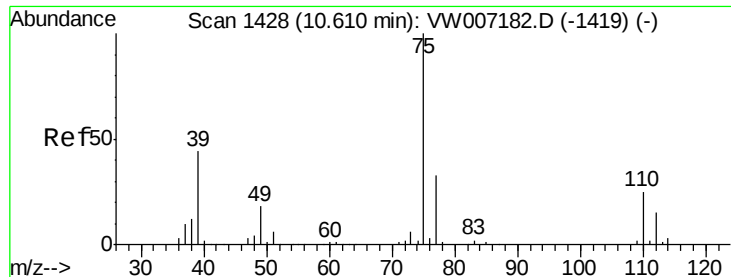
Tgt Ion: 92 Resp: 152588

Ion Ratio Lower Upper

92 100

91 171.4 136.0 204.0

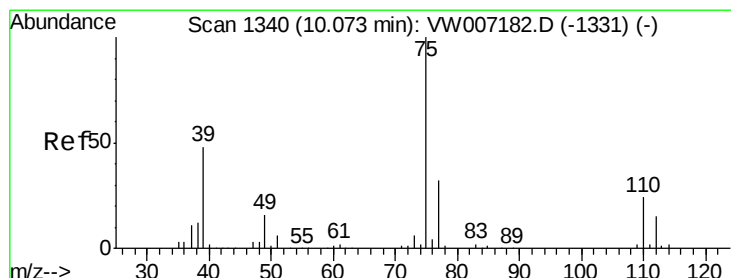
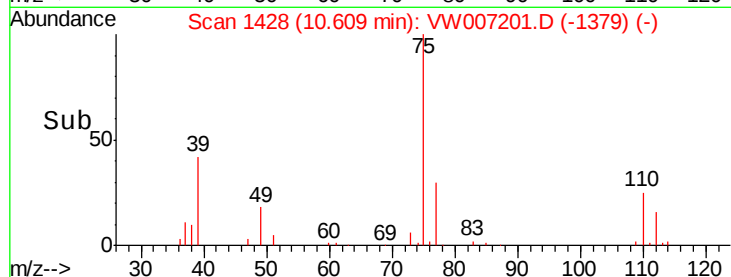
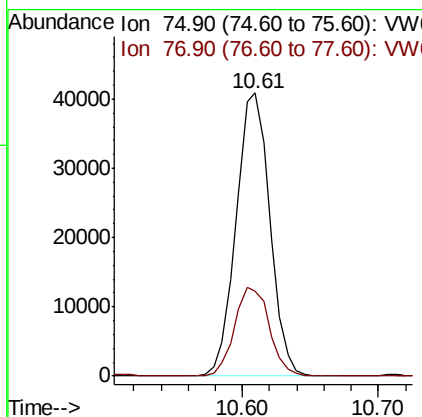
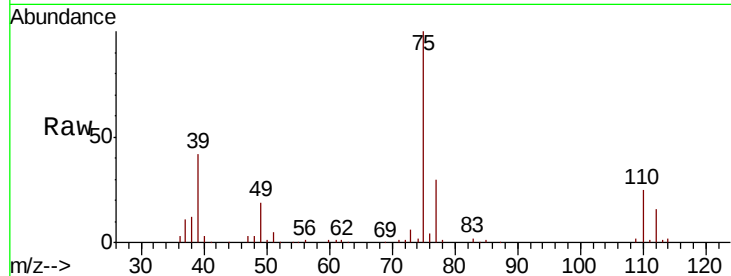




#53
t-1,3-Dichloropropene
Concen: 48.410 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

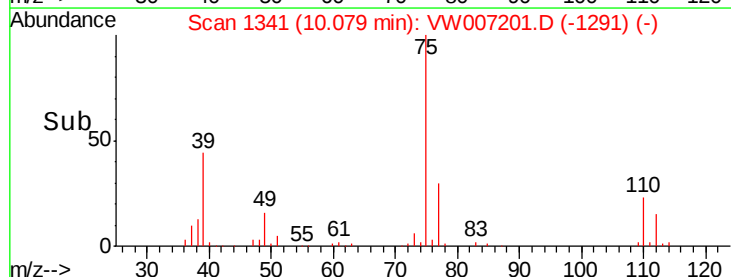
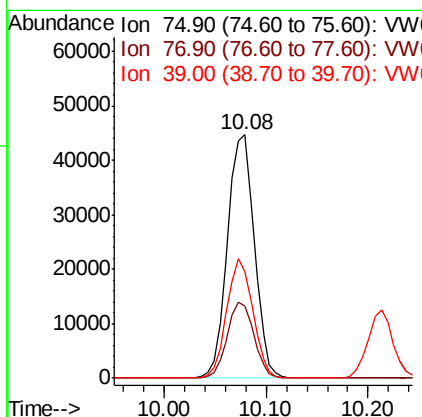
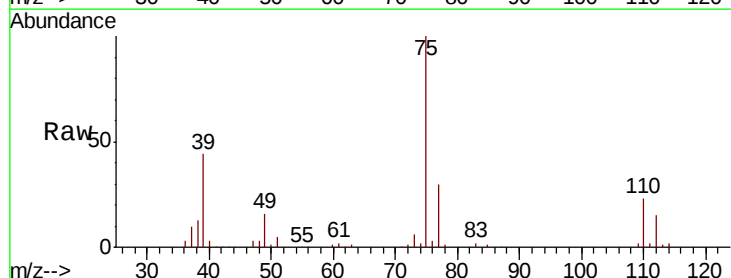
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

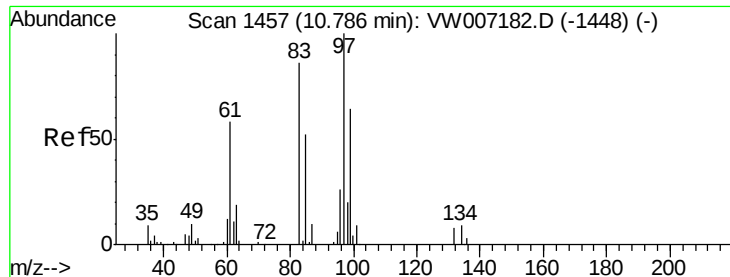
Tot Ion: 75 Resp: 70804
Ion Ratio Lower Upper
75 100
77 30.2 26.2 39.2



#54
cis-1,3-Dichloropropene
Concen: 47.461 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 75 Resp: 81350
Ion Ratio Lower Upper
75 100
77 29.6 26.0 39.0
39 43.6 38.0 57.0

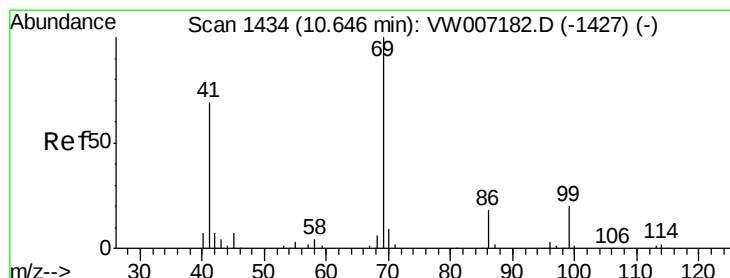
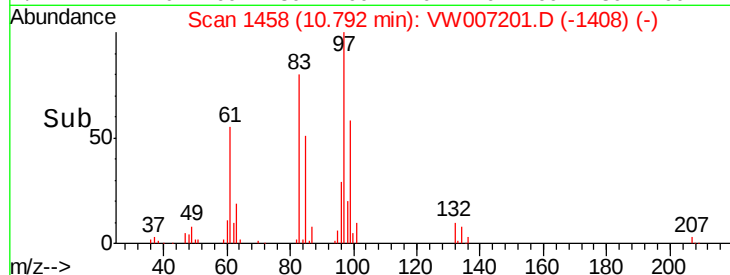
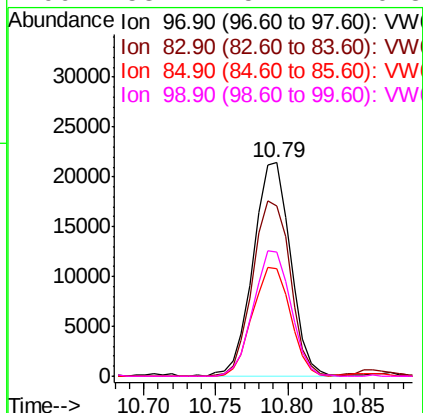
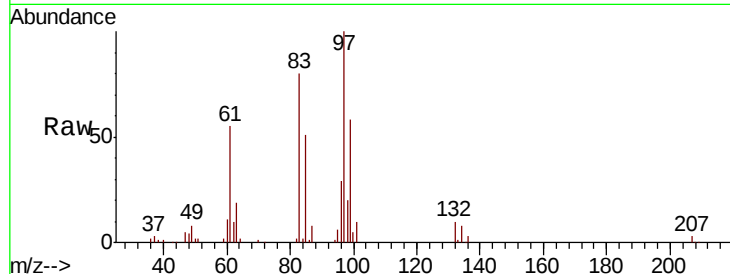




#55
 1,1,2-Trichloroethane
 Concen: 49.003 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

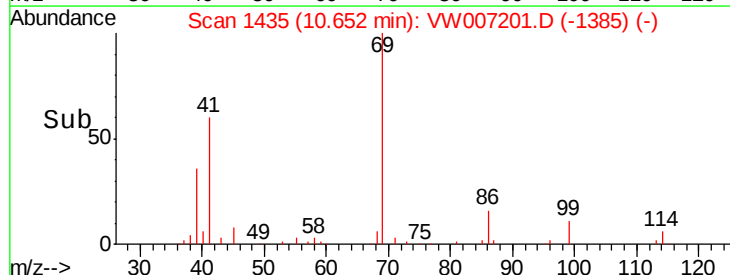
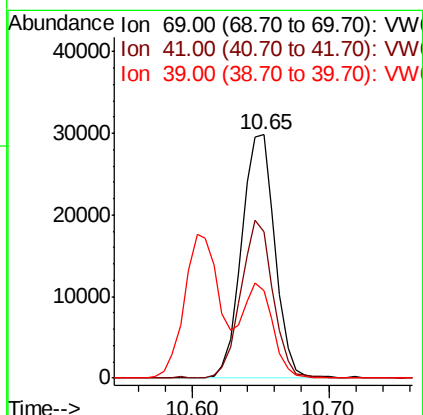
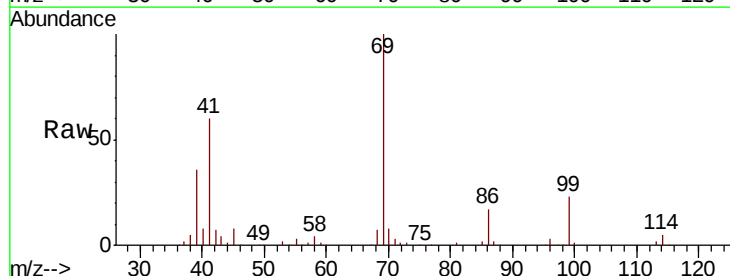
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

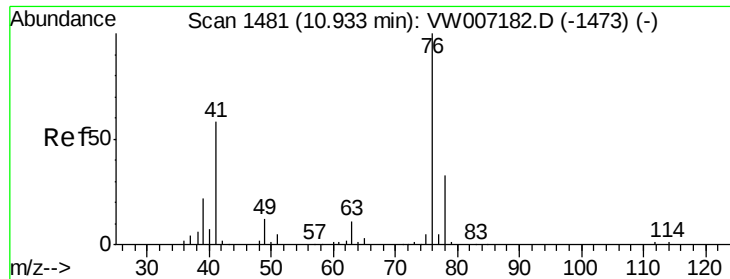
Tot Ion:	97	Resp:	38549
Ion	Ratio	Lower	Upper
97	100		
83	79.7	68.6	102.8
85	50.5	41.4	62.2
99	58.1	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 49.608 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion:	69	Resp:	50906
Ion	Ratio	Lower	Upper
69	100		
41	61.9	51.8	77.6
39	36.4	28.7	43.1

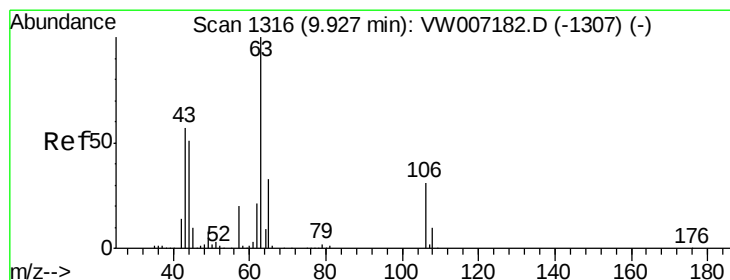
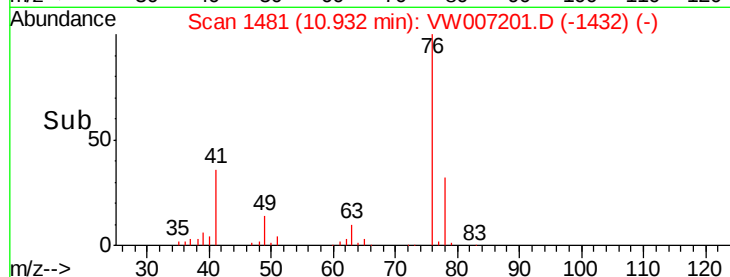
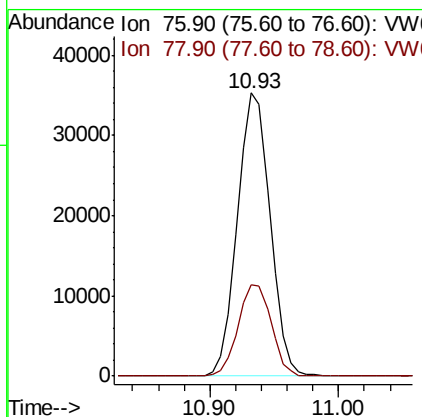
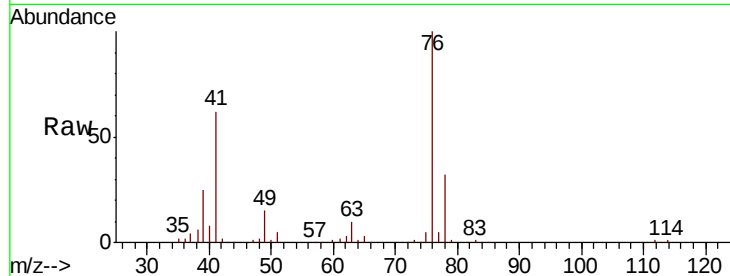




#57
 1,3-Dichloropropane
 Concen: 46.779 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

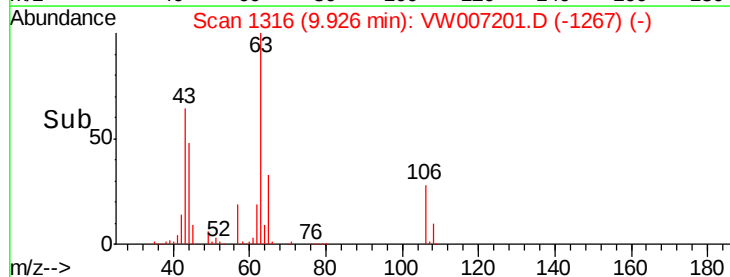
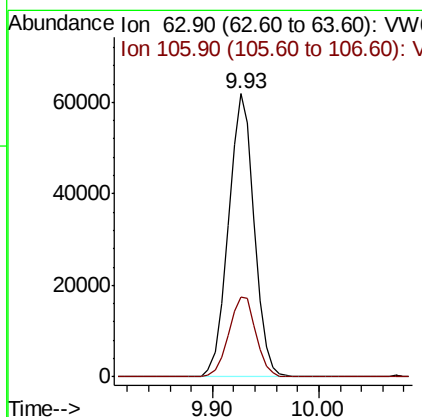
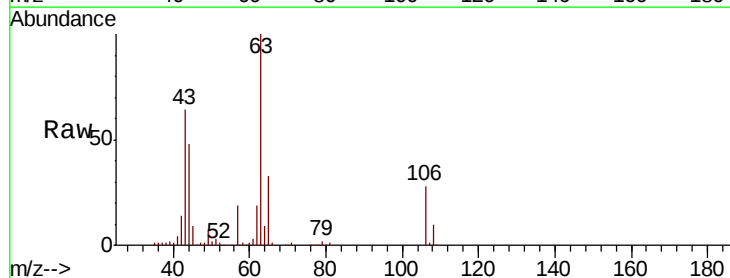
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

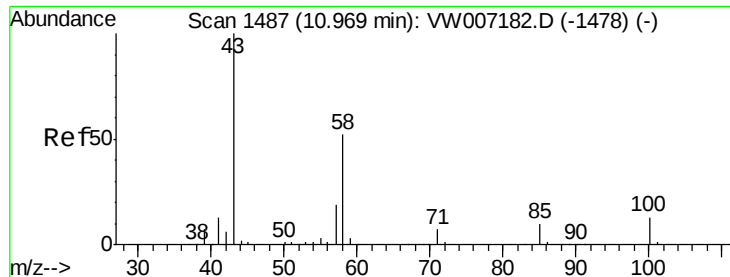
Tot Ion: 76 Resp: 62128
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.555 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 63 Resp: 104508
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.1 36.1

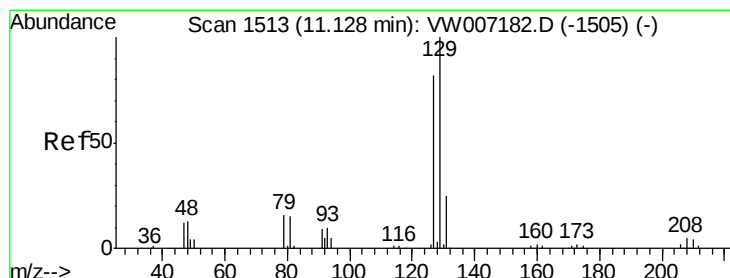
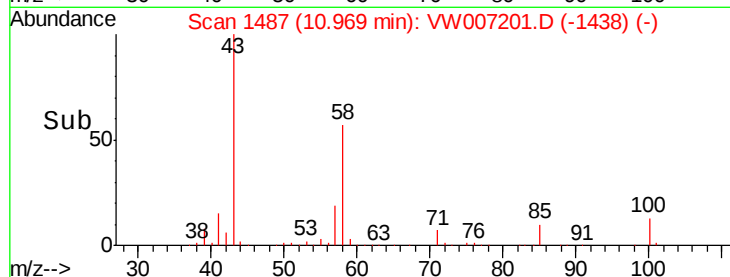
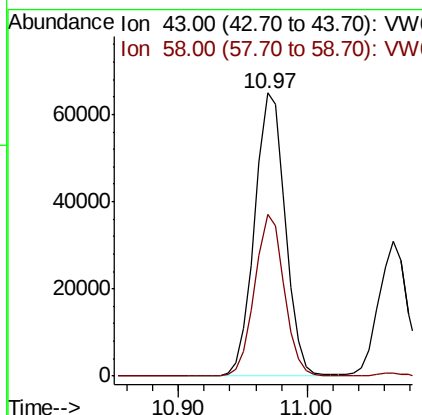
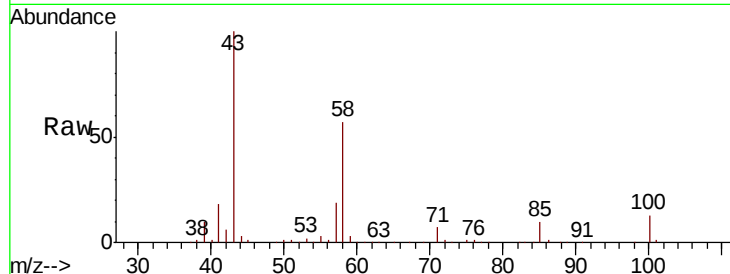




#59
2-Hexanone
Concen: 253.974 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

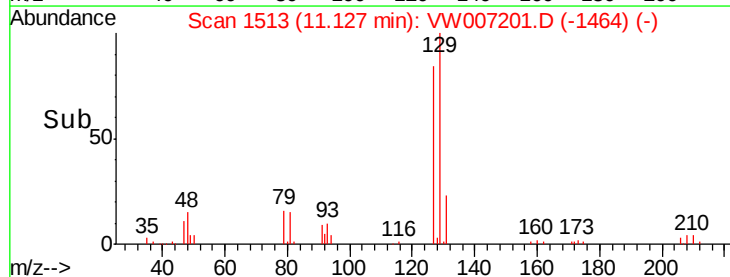
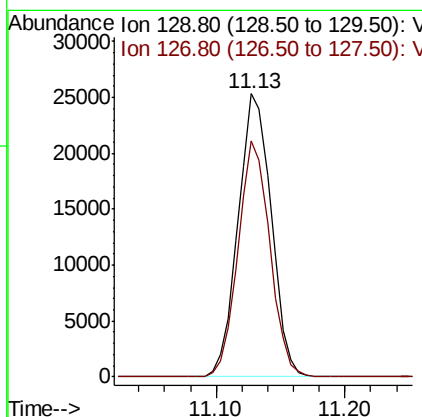
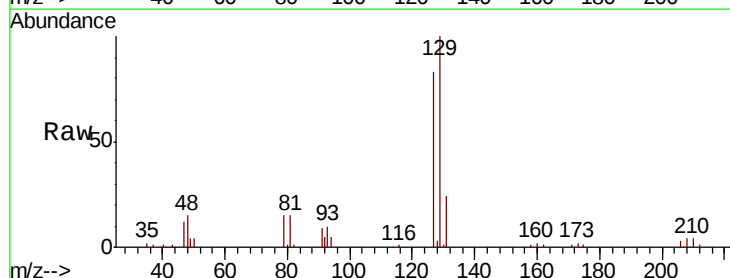
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

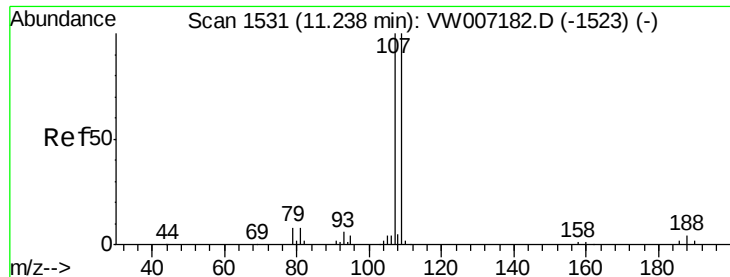
Tot Ion: 43 Resp: 106315
Ion Ratio Lower Upper
43 100
58 54.8 28.1 84.4



#60
Dibromochloromethane
Concen: 46.594 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 129 Resp: 45050
Ion Ratio Lower Upper
129 100
127 80.0 39.8 119.4

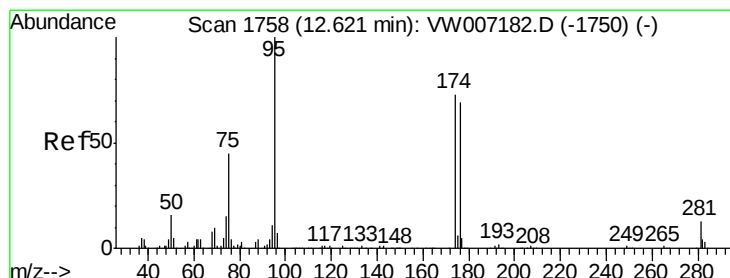
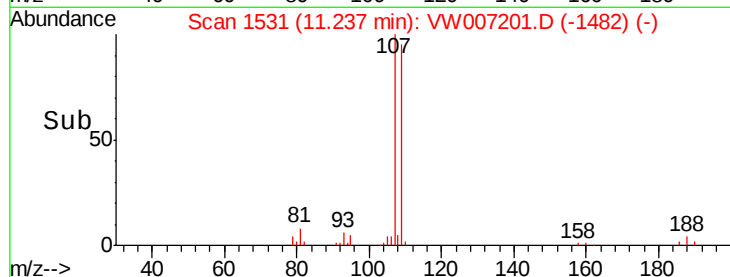
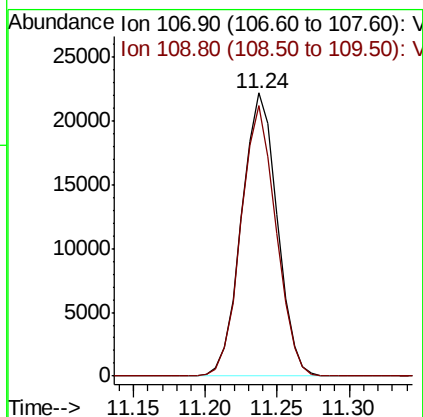
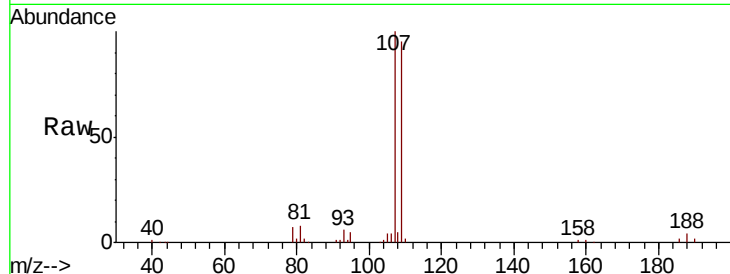




#61
 1,2-Dibromoethane
 Concen: 50.339 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

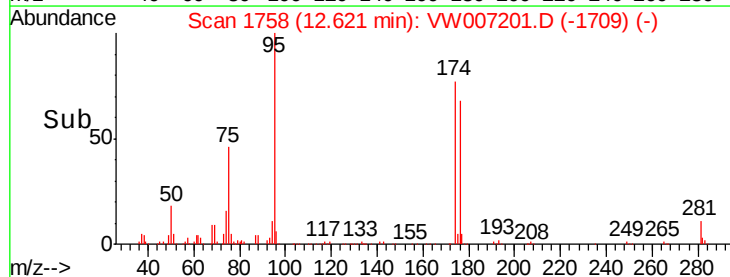
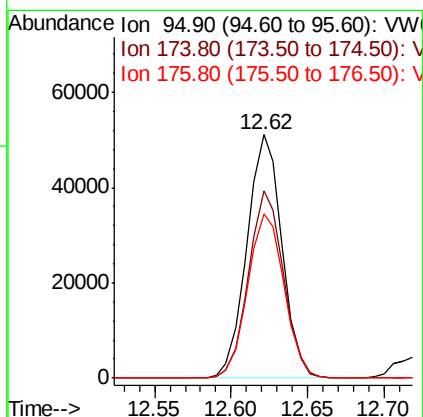
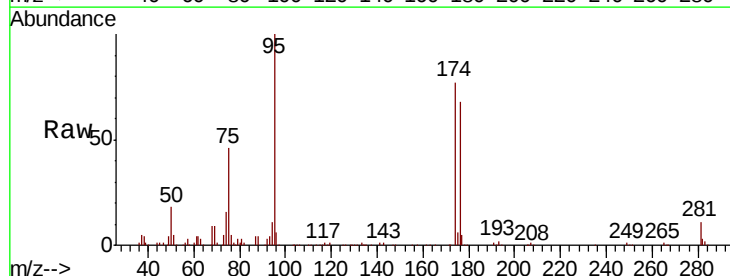
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

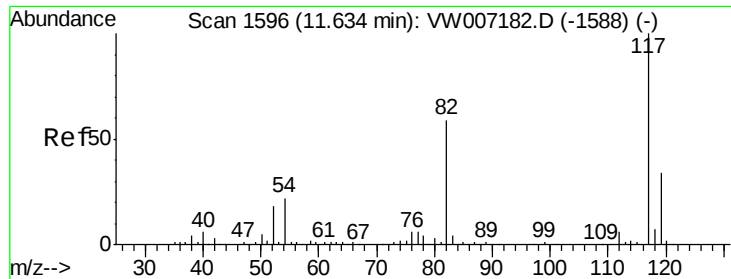
Tot Ion:107 Resp: 37982
 Ion Ratio Lower Upper
 107 100
 109 94.0 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 49.845 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 95 Resp: 81343
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 148.0
 176 70.0 0.0 139.4

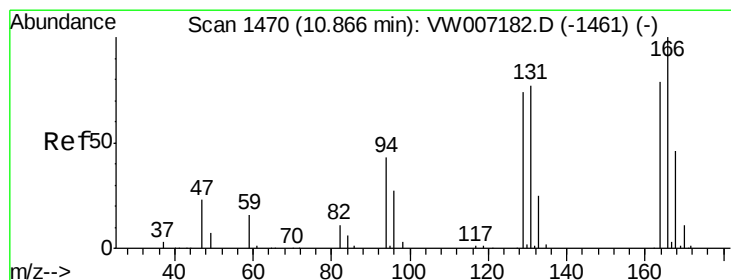
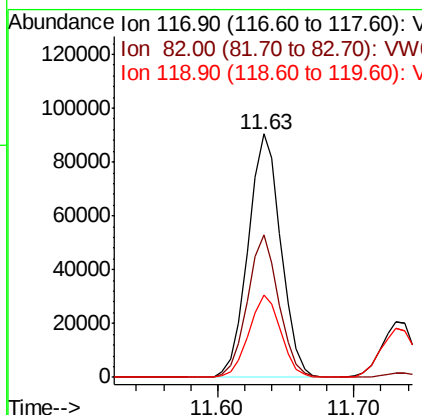
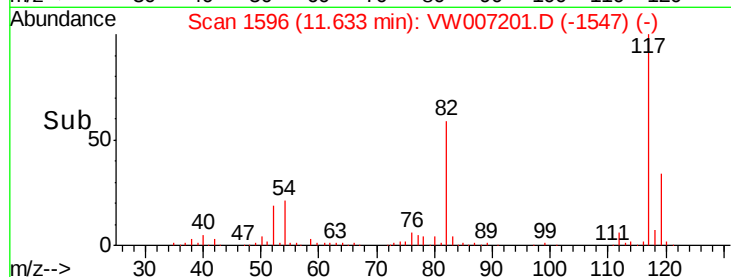
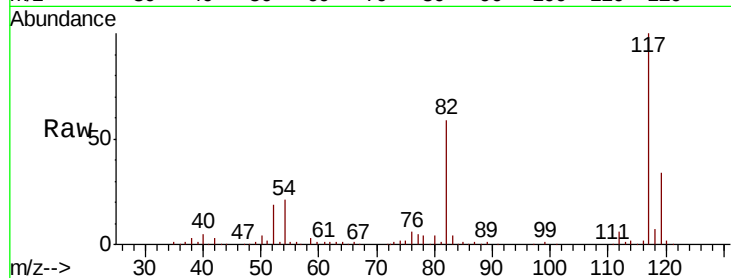




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

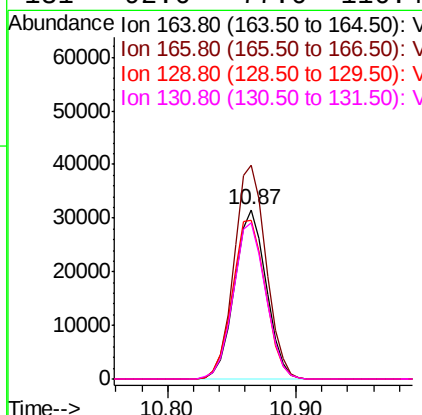
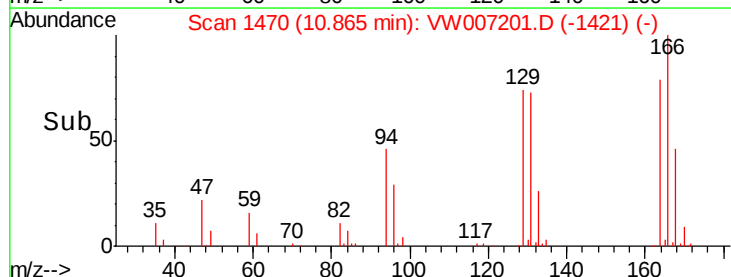
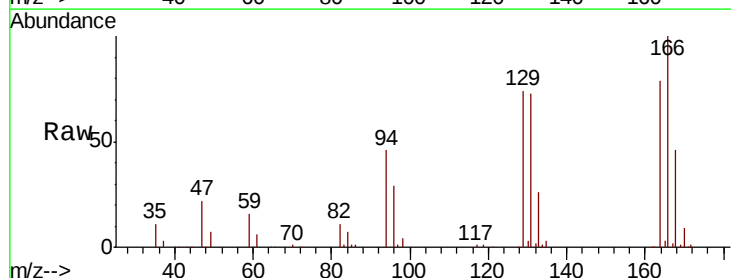
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

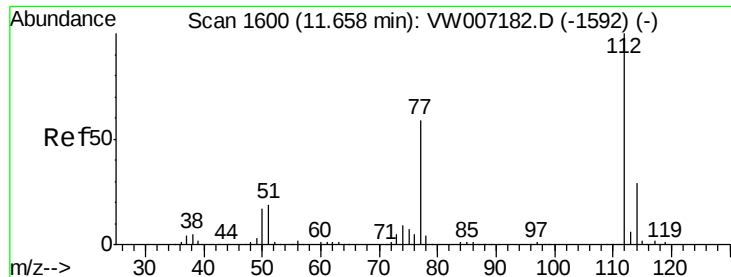
Tot Ion:117 Resp: 152606
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.6 26.8 40.2



#64
Tetrachloroethene
Concen: 48.189 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:164 Resp: 53729
Ion Ratio Lower Upper
164 100
166 126.3 101.0 151.4
129 93.8 74.6 111.8
131 92.6 77.6 116.4

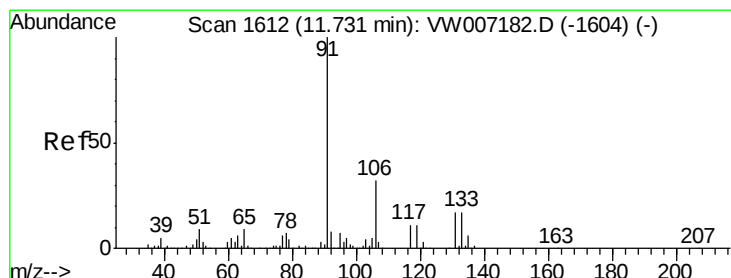
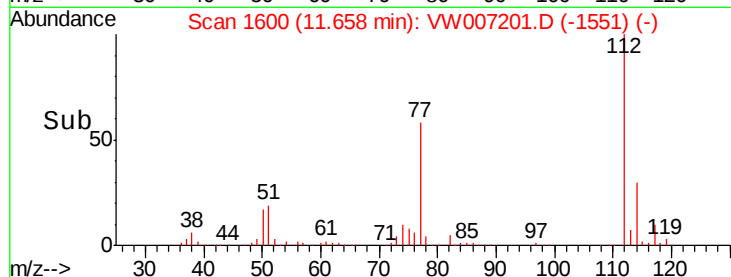
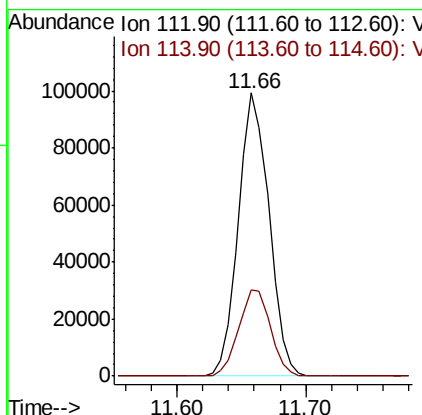
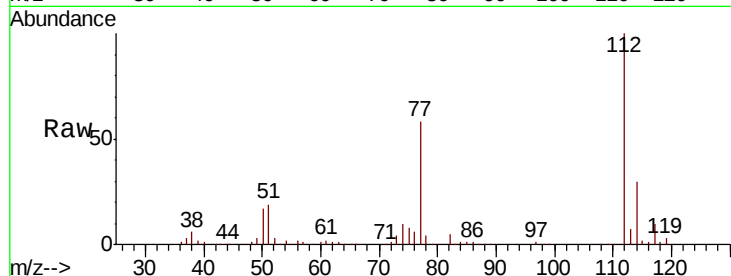




#65
Chlorobenzene
Concen: 48.124 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

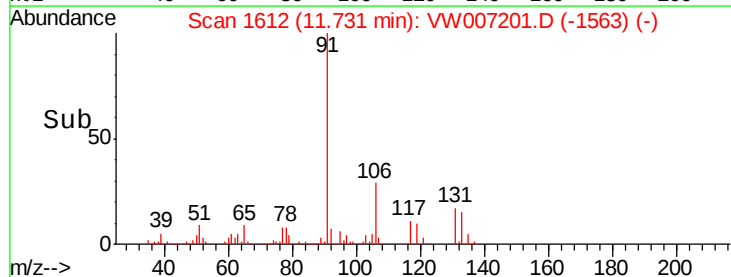
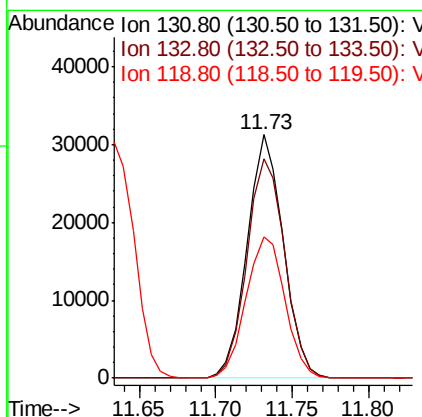
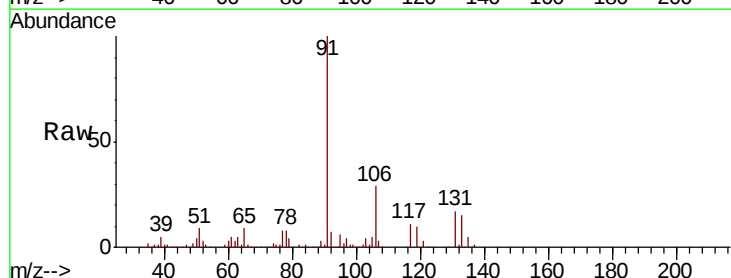
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

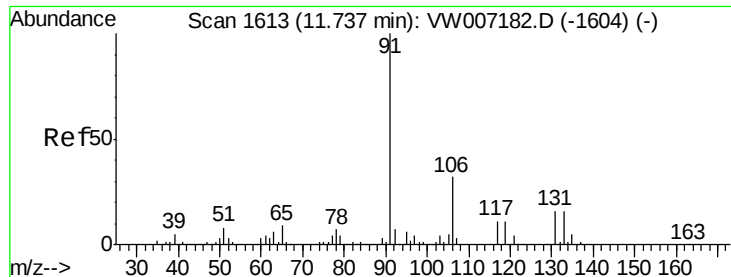
Tot Ion:112 Resp: 164018
Ion Ratio Lower Upper
112 100
114 30.4 23.0 34.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.921 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:131 Resp: 51494
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.2
119 62.5 32.8 98.4

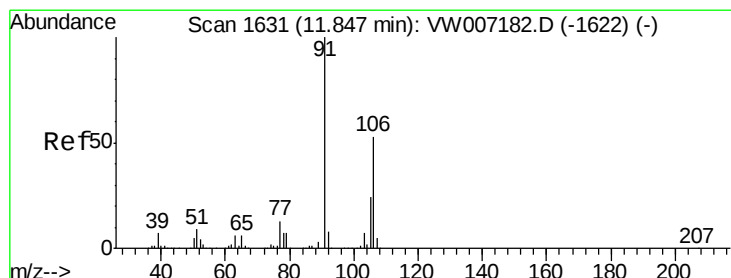
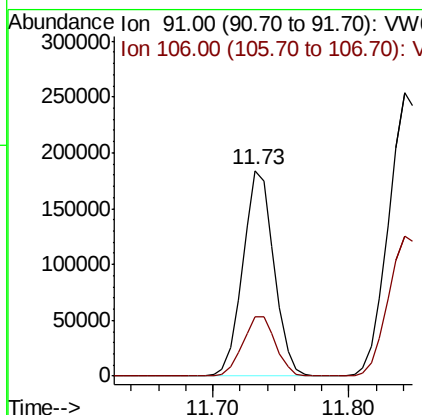
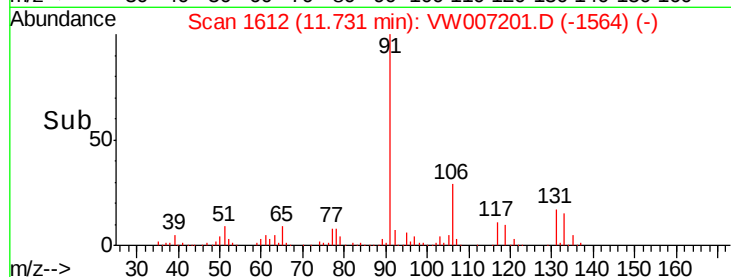
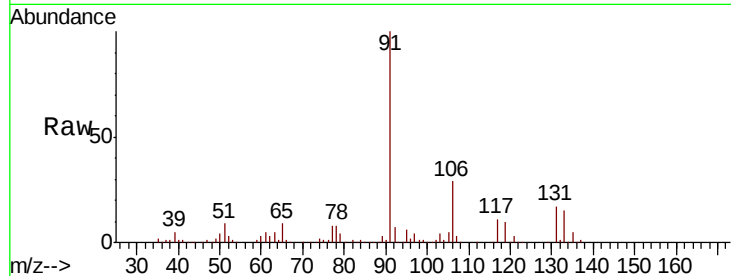




#67
Ethyl Benzene
Concen: 47.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

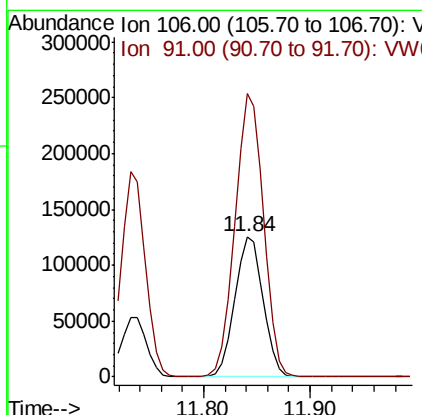
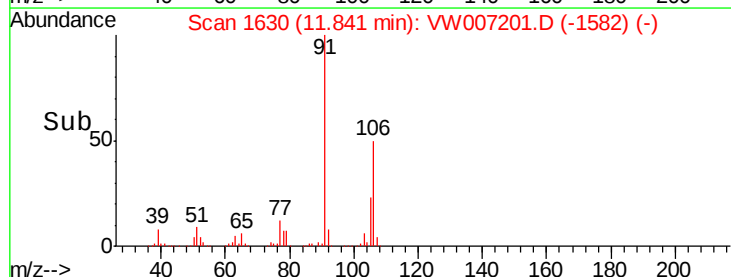
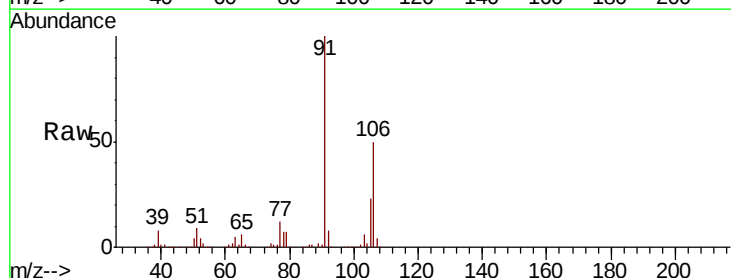
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 294208
Ion Ratio Lower Upper
91 100
106 28.8 26.0 39.0



#68
m/p-Xylenes
Concen: 95.967 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 106 Resp: 233867
Ion Ratio Lower Upper
106 100
91 203.6 160.2 240.4

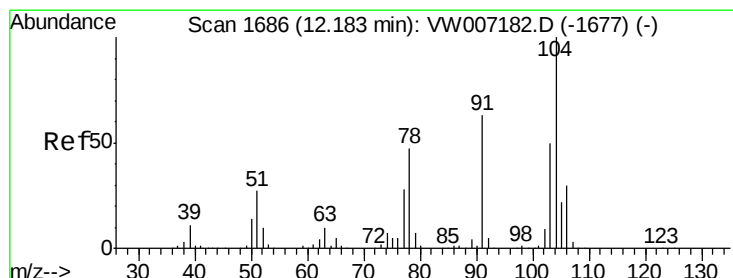
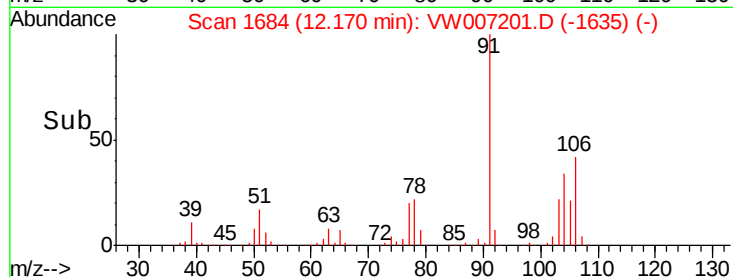
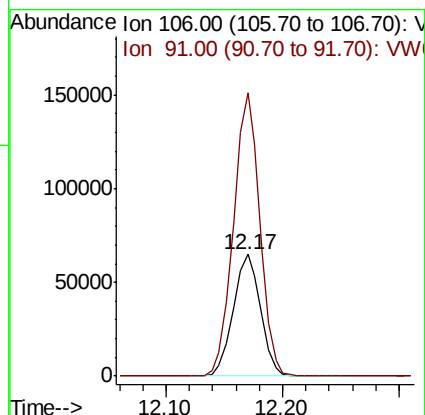
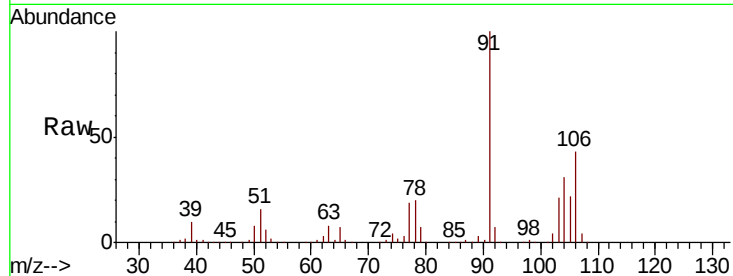




#69
o-Xylene
Concen: 46.310 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

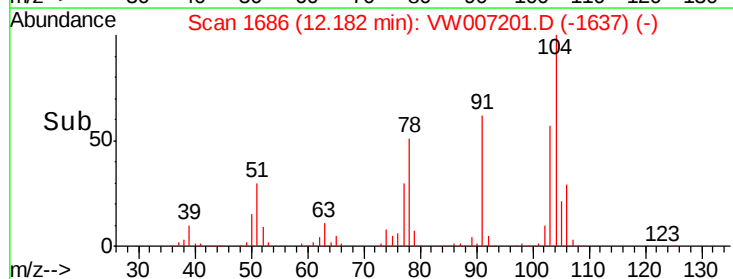
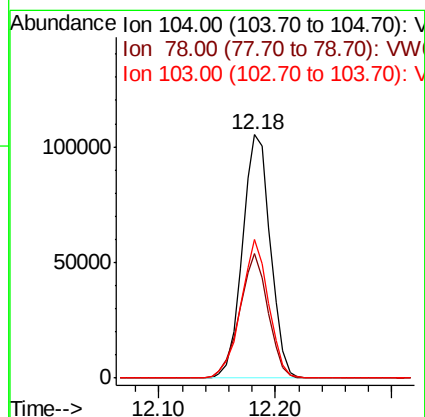
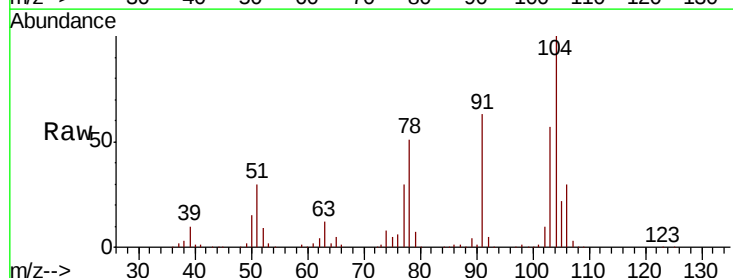
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

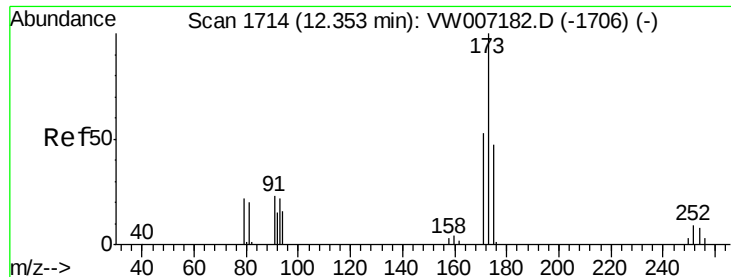
Tot Ion:106 Resp: 105441
Ion Ratio Lower Upper
106 100
91 225.4 104.9 314.7



#70
Styrene
Concen: 47.307 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:104 Resp: 176317
Ion Ratio Lower Upper
104 100
78 52.2 40.6 60.8
103 56.3 43.0 64.4





#71

Bromoform

Concen: 48.039 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

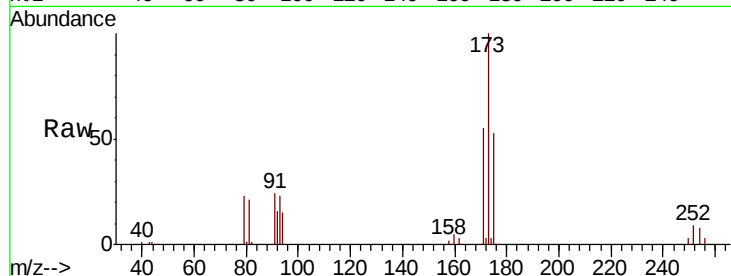
Tot Ion:173 Resp: 25313

Ion Ratio Lower Upper

173 100

175 50.6 24.0 72.0

254 0.0 0.0 0.0

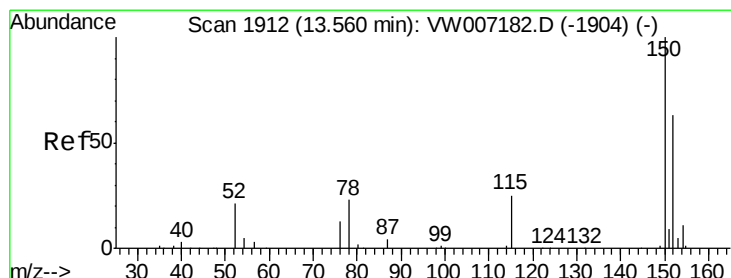
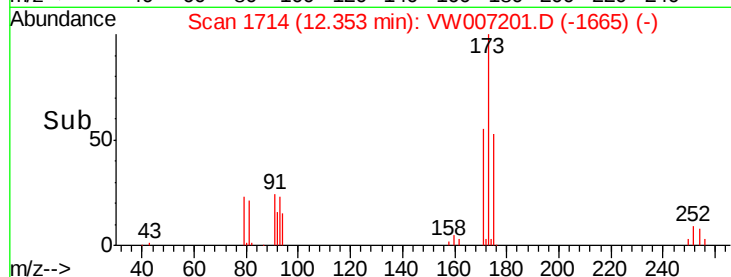
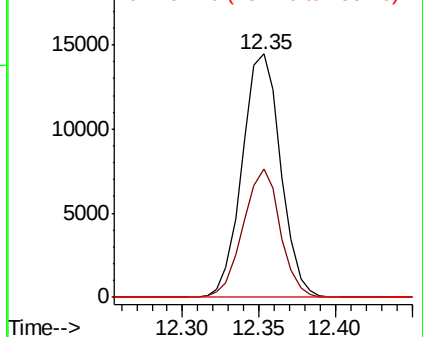


Abundance

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: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

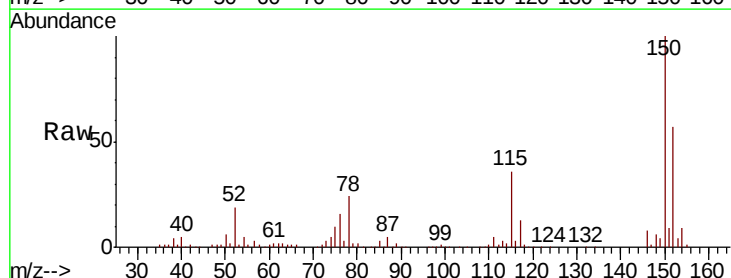
Tgt Ion:152 Resp: 77734

Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

150 178.2 0.0 358.0

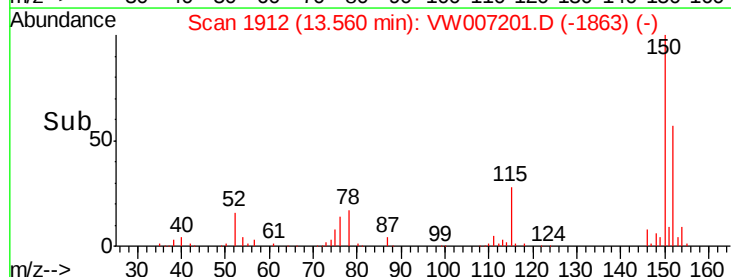
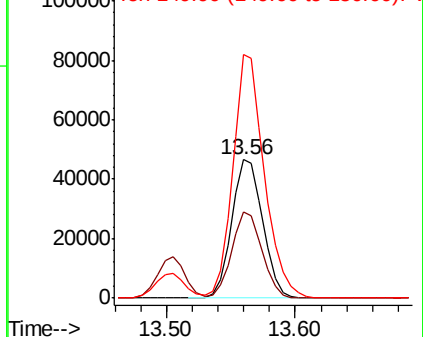


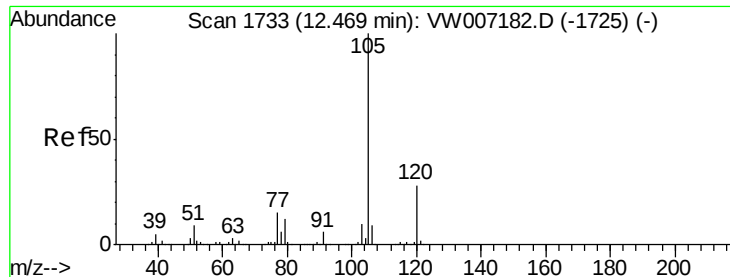
Abundance

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: 47.748 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

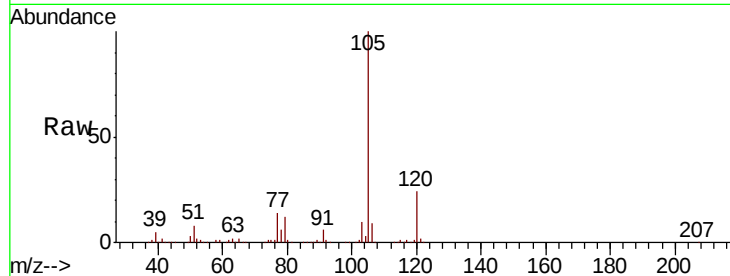
VSTDCCC050EC

Tot Ion:105 Resp: 301880

Ion Ratio Lower Upper

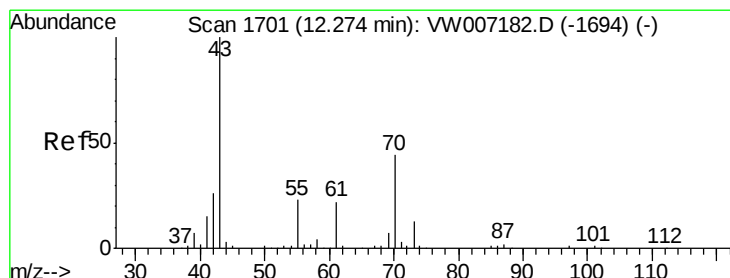
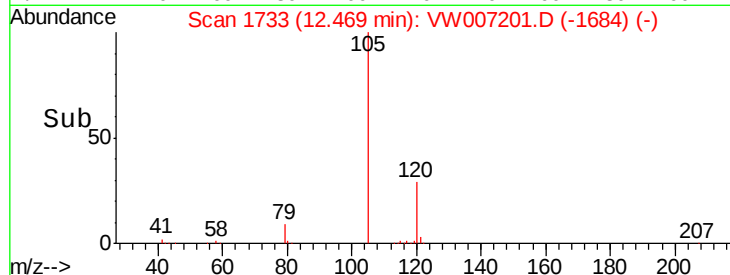
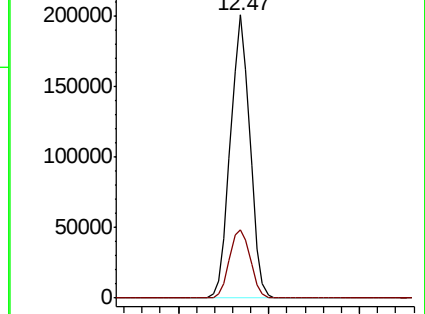
105 100

120 25.6 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: 49.465 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Tgt Ion: 43 Resp: 55447

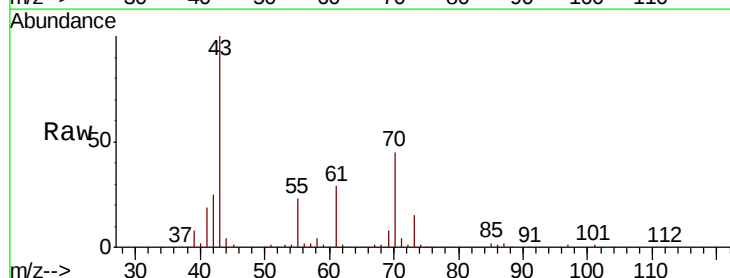
Ion Ratio Lower Upper

43 100

70 44.3 34.0 51.0

55 24.5 19.0 28.6

61 27.3 19.7 29.5

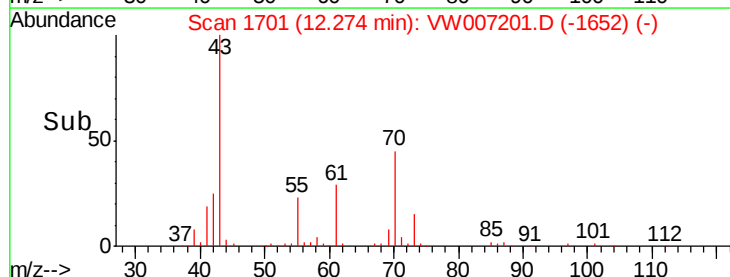
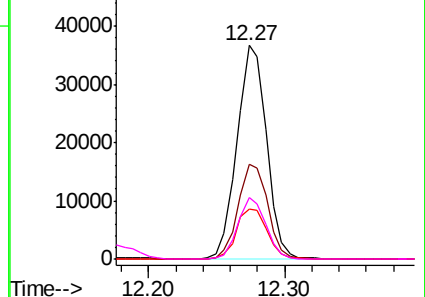


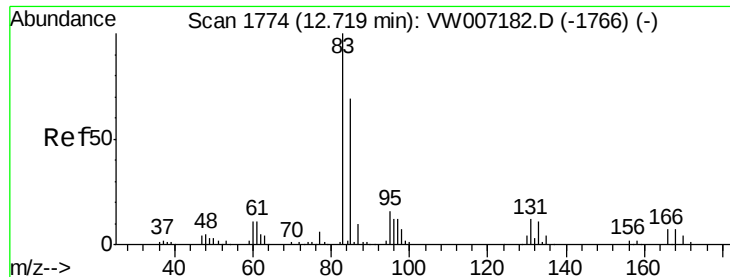
Abundance Ion 43.00 (42.70 to 43.70): VV

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: 50.106 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

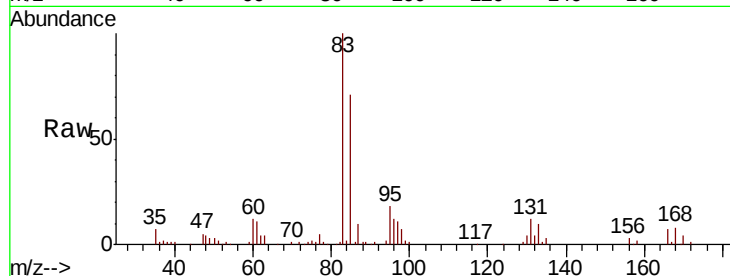
Tot Ion: 83 Resp: 41142

Ion Ratio Lower Upper

83 100

131 12.5 6.0 18.1

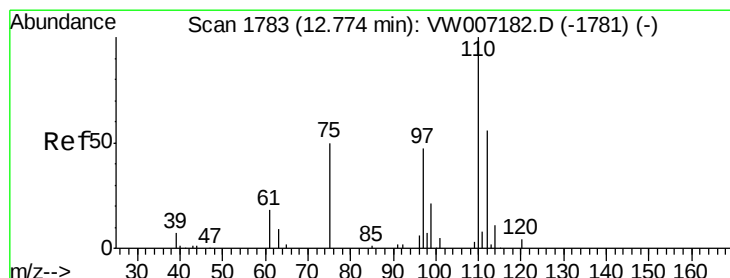
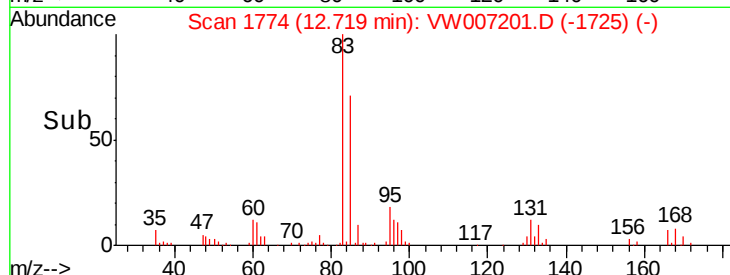
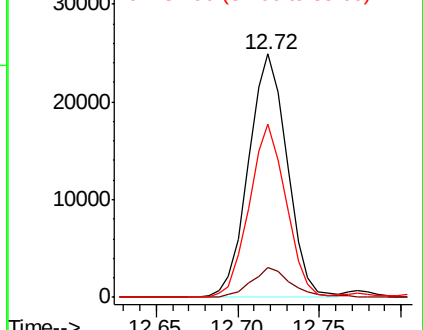
85 67.9 33.0 99.0



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: 50.152 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VW007201.D

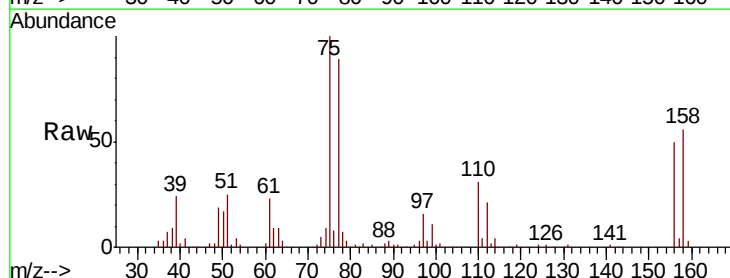
Acq: 04 Dec 2018 21:11

Tgt Ion: 75 Resp: 58586

Ion Ratio Lower Upper

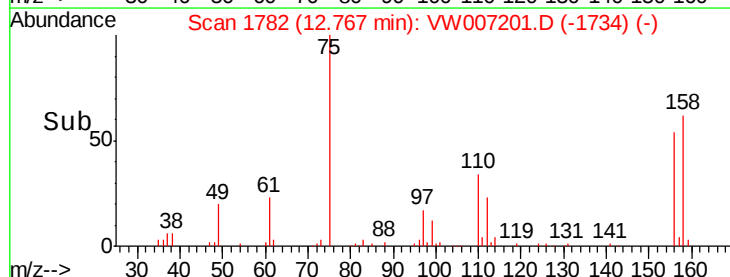
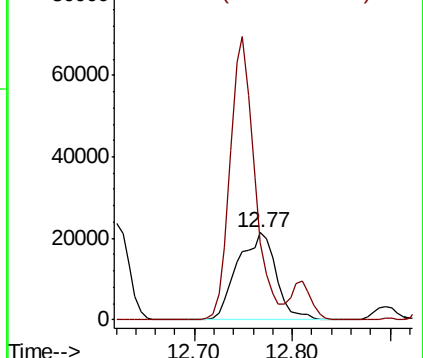
75 100

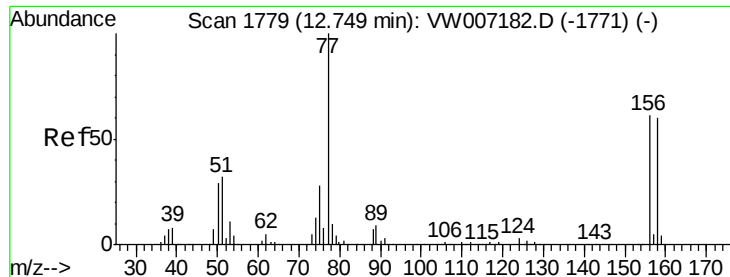
77 208.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 48.440 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

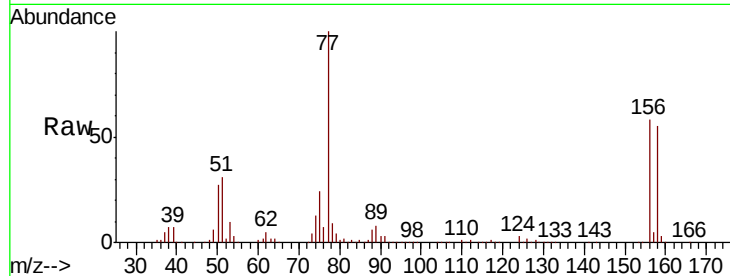
Tot Ion:156 Resp: 66107

Ion Ratio Lower Upper

156 100

77 184.7 92.0 276.1

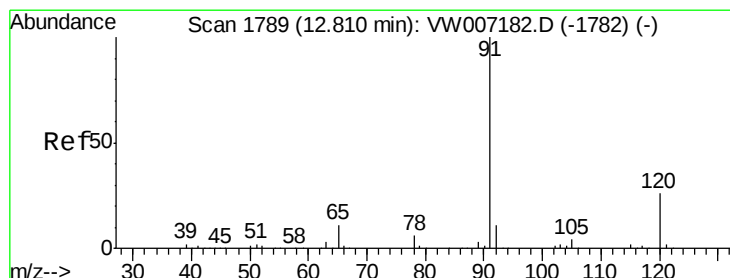
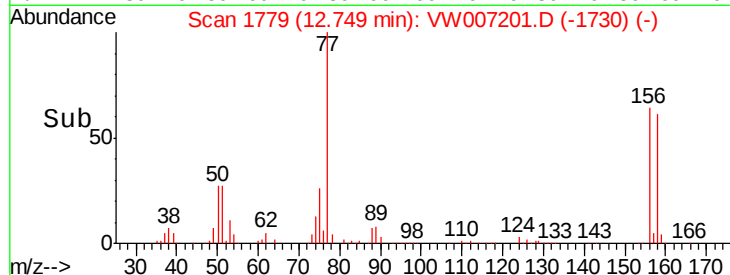
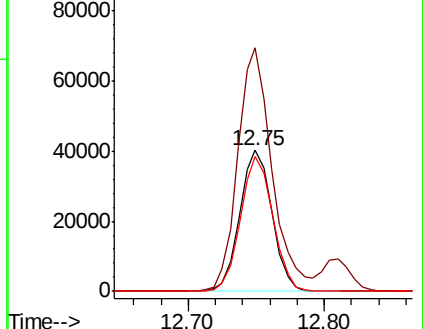
158 96.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.363 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW007201.D

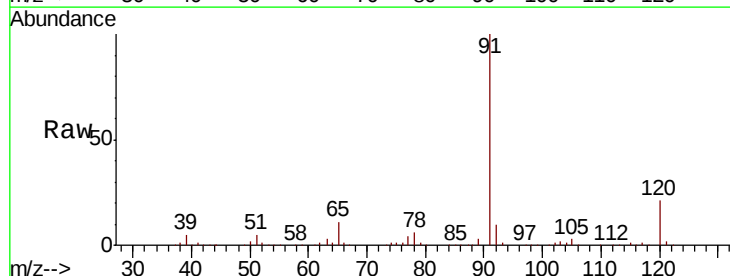
Acq: 04 Dec 2018 21:11

Tgt Ion: 91 Resp: 349224

Ion Ratio Lower Upper

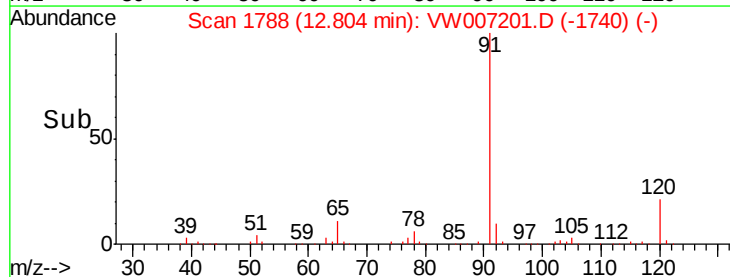
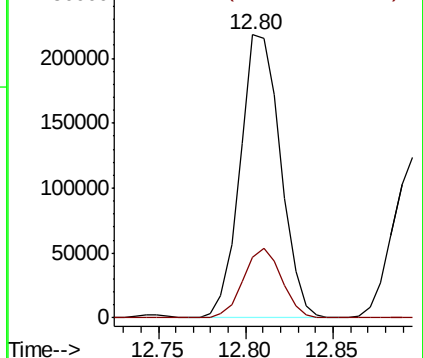
91 100

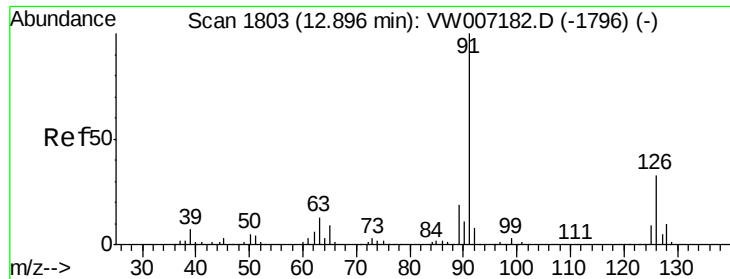
120 23.6 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.402 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

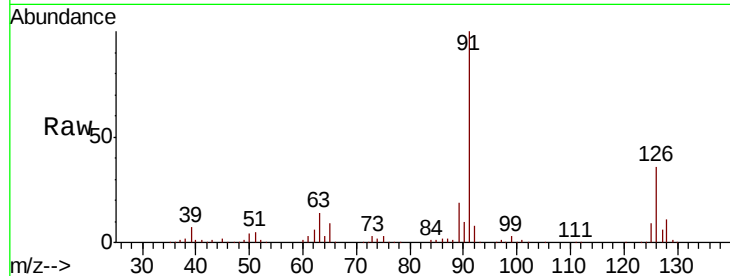
VSTDCCC050EC

Tot Ion: 91 Resp: 197370

Ion Ratio Lower Upper

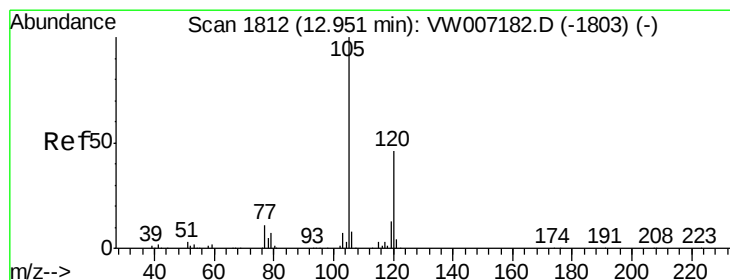
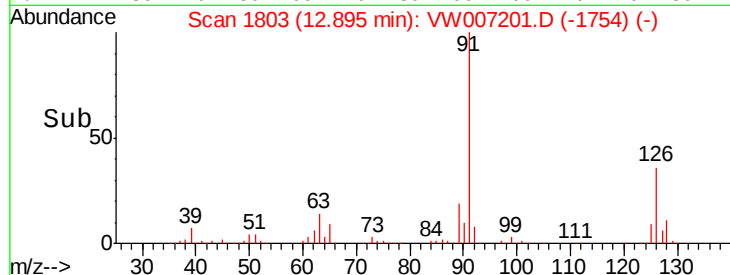
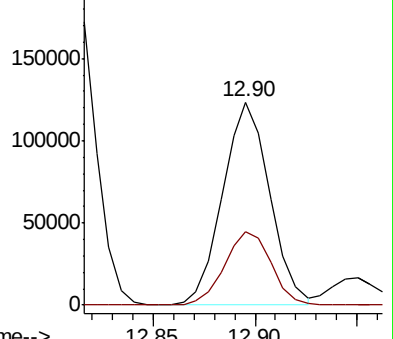
91 100

126 36.1 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 45.743 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007201.D

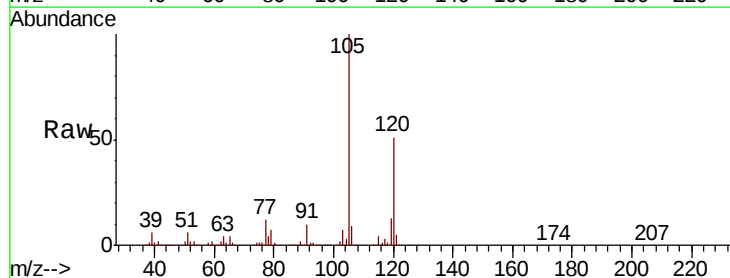
Acq: 04 Dec 2018 21:11

Tgt Ion:105 Resp: 247409

Ion Ratio Lower Upper

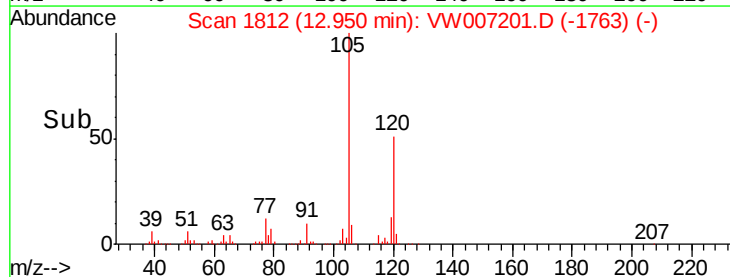
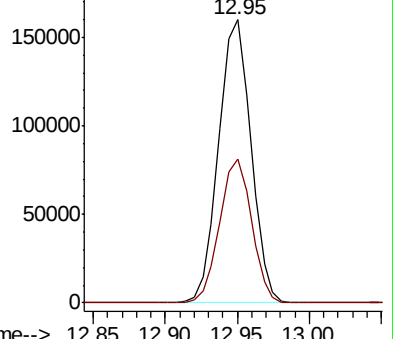
105 100

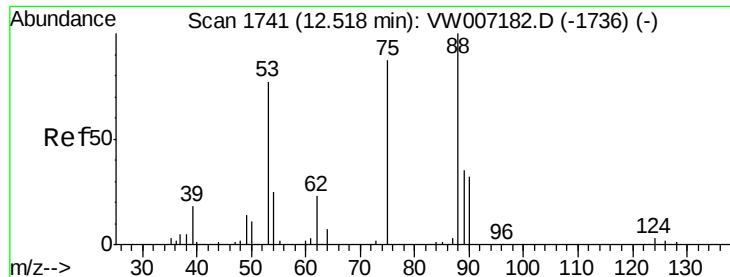
120 50.4 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

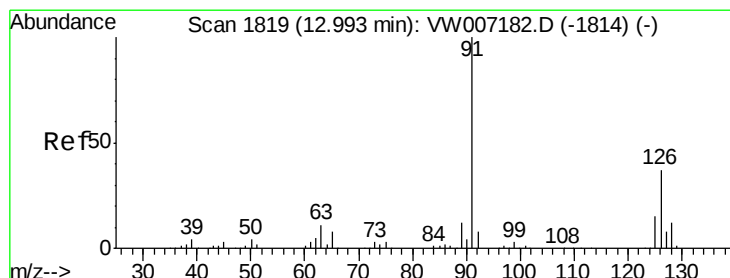
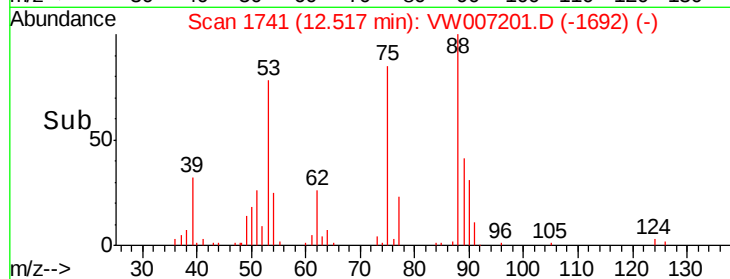
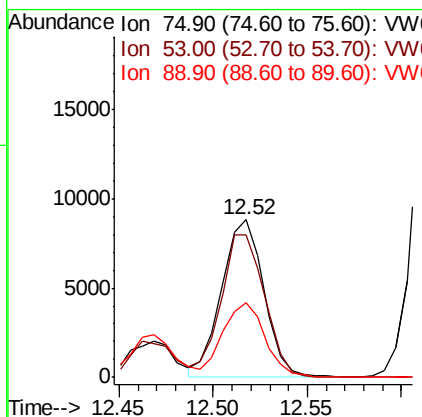
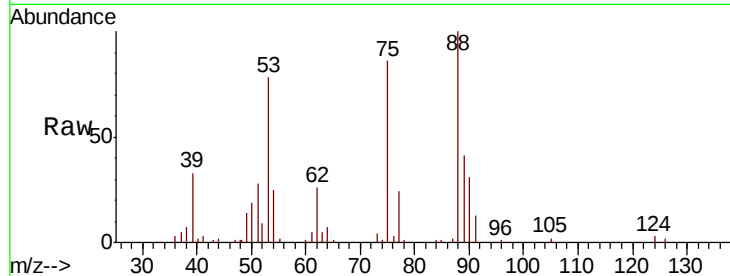




#81
trans-1,4-Dichloro-2-butene
Concen: 49.352 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

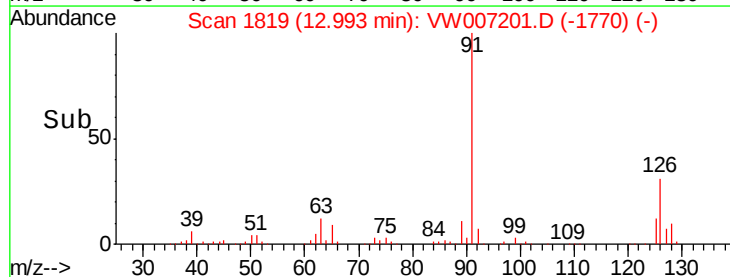
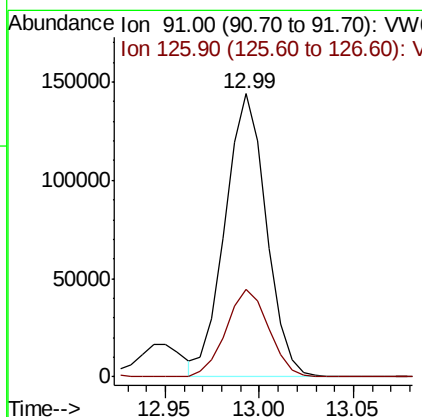
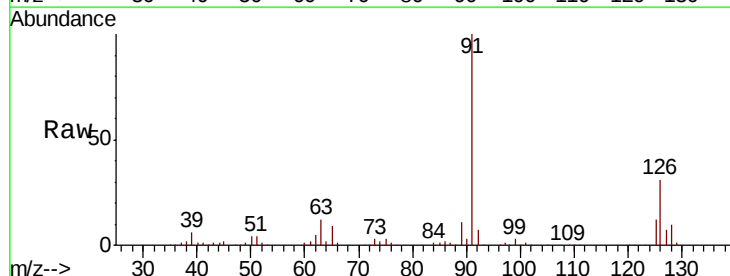
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

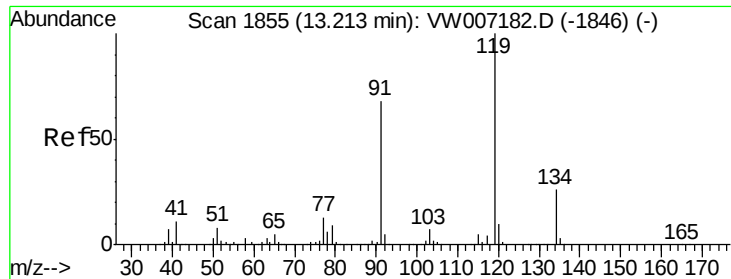
Tot Ion: 75 Resp: 13782
Ion Ratio Lower Upper
75 100
53 93.3 72.8 109.2
89 46.7 36.4 54.6



#82
4-Chlorotoluene
Concen: 48.159 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion: 91 Resp: 217923
Ion Ratio Lower Upper
91 100
126 32.1 17.4 52.3

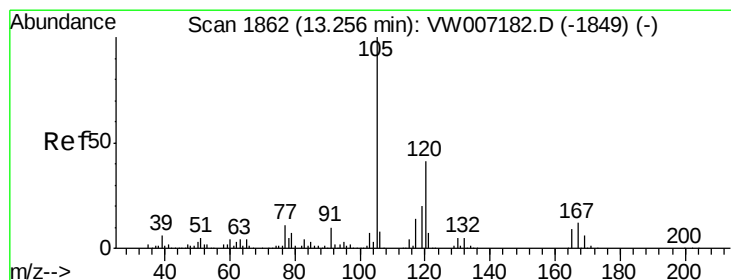
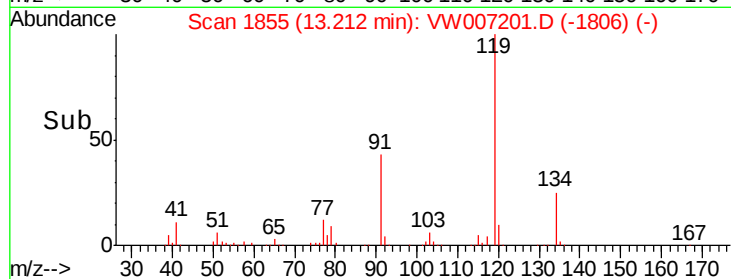
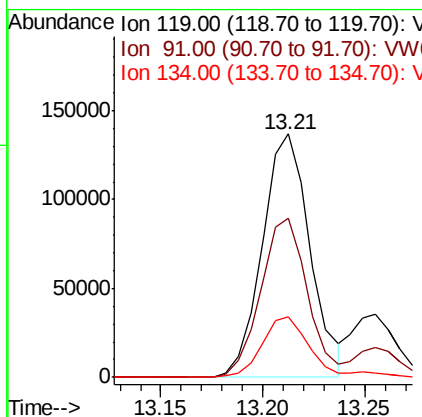
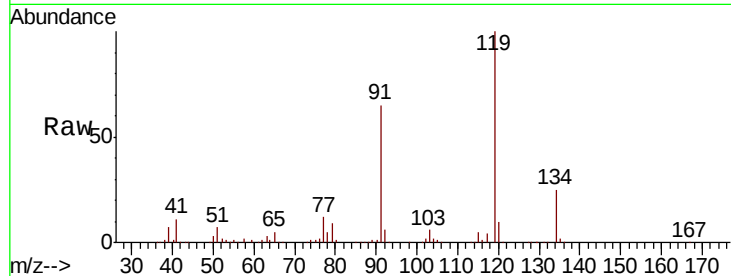




#83
tert-Butylbenzene
Concen: 47.298 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

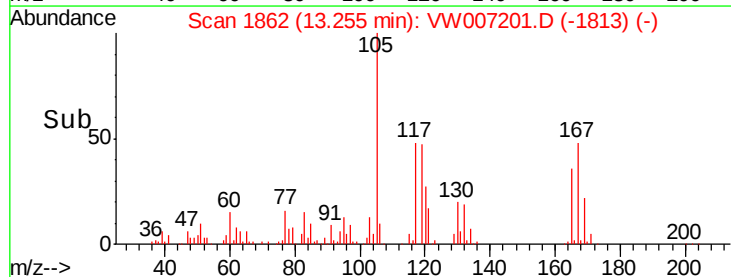
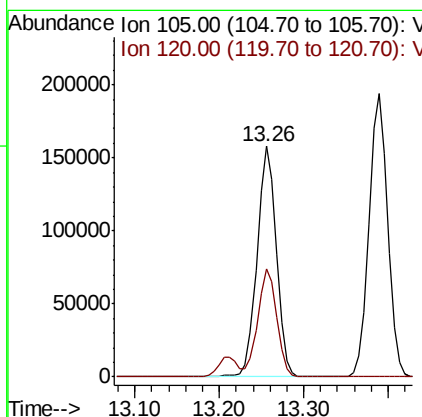
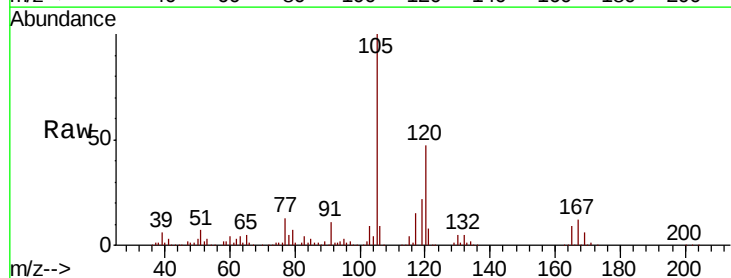
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

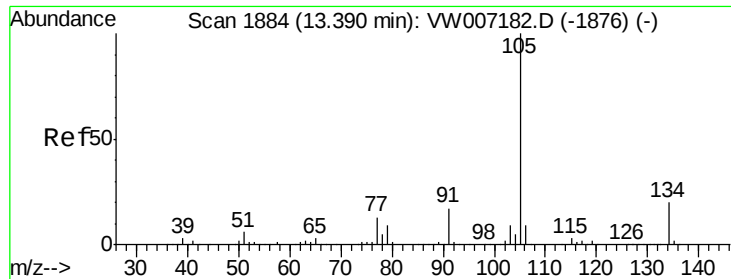
Tot Ion:119 Resp: 223558
Ion Ratio Lower Upper
119 100
91 63.8 34.0 101.8
134 25.6 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 44.707 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:105 Resp: 246828
Ion Ratio Lower Upper
105 100
120 45.5 21.1 63.3





#85

sec-Butylbenzene

Concen: 44.254 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

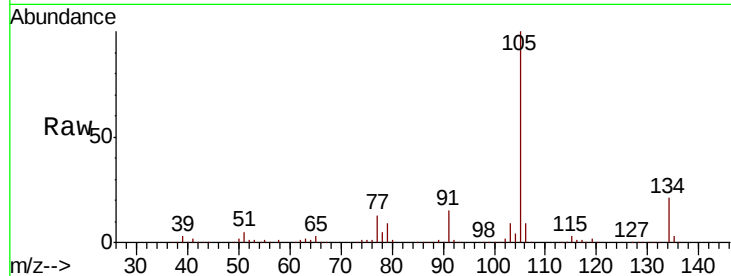
VSTDCCC050EC

Tot Ion:105 Resp: 298610

Ion Ratio Lower Upper

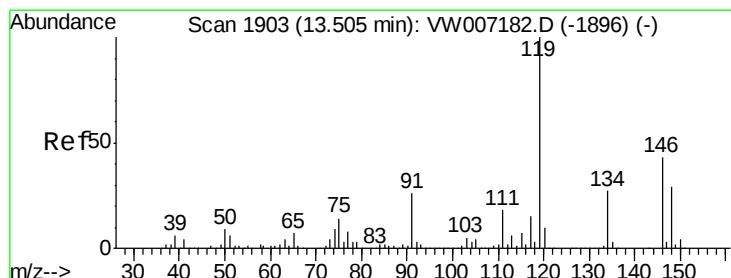
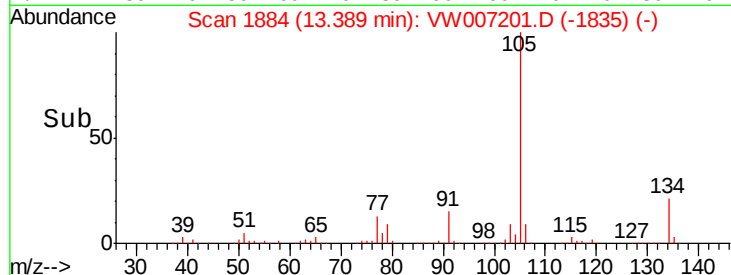
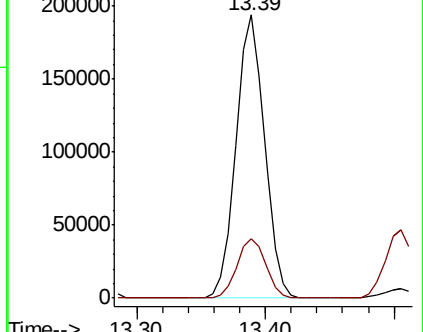
105 100

134 20.9 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.623 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

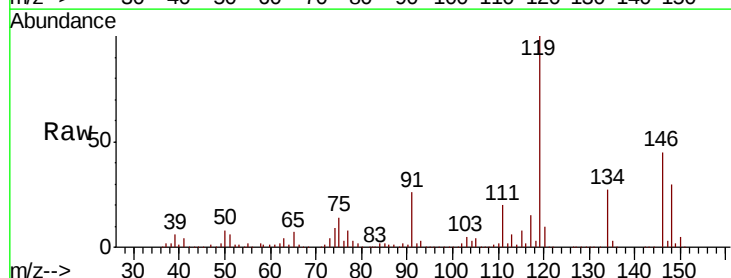
Tgt Ion:119 Resp: 268041

Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

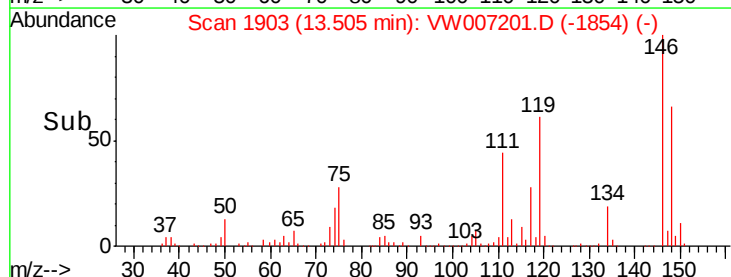
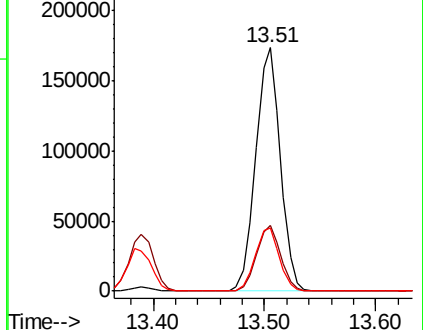
91 25.1 12.4 37.2

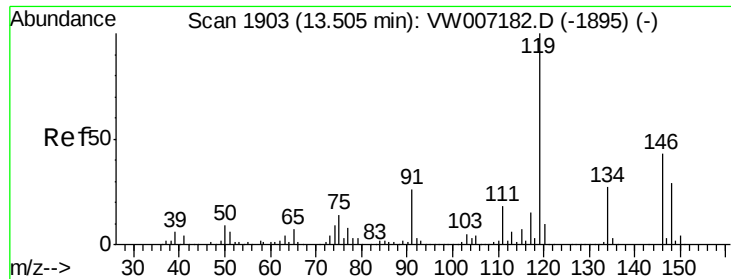


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 45.754 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

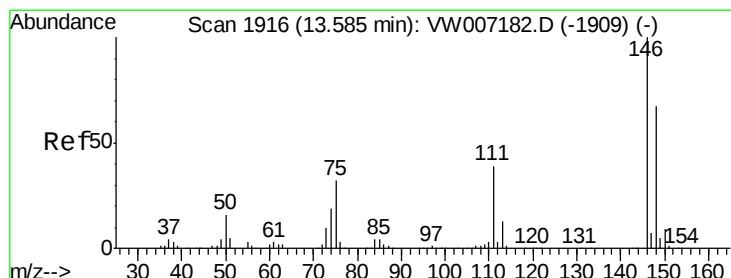
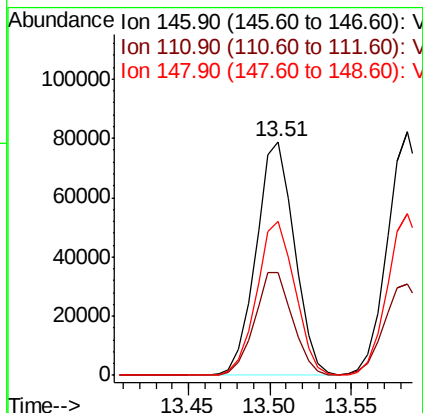
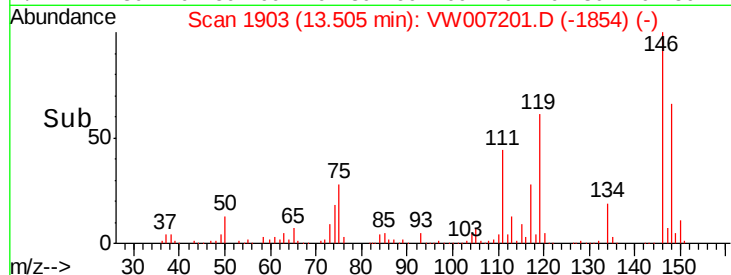
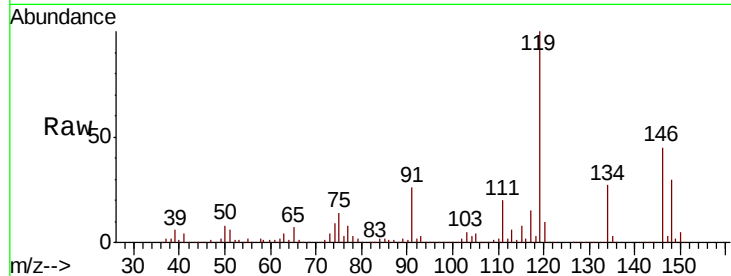
Tot Ion:146 Resp: 128183

Ion Ratio Lower Upper

146 100

111 43.7 21.1 63.4

148 65.9 32.8 98.4



#88

1,4-Dichlorobenzene

Concen: 46.478 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

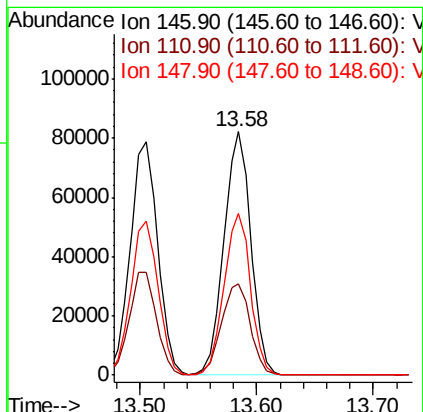
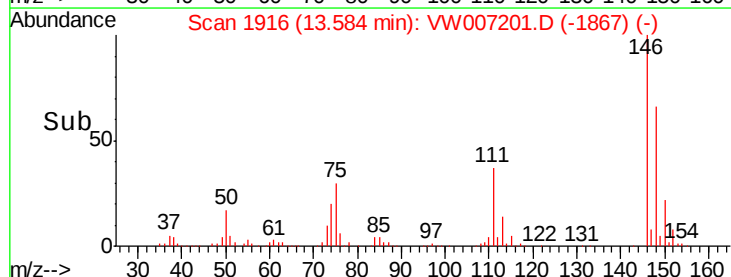
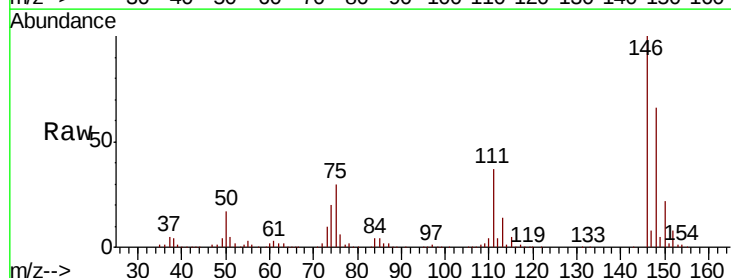
Tgt Ion:146 Resp: 131526

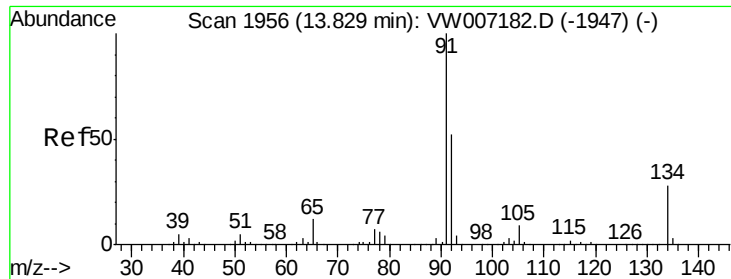
Ion Ratio Lower Upper

146 100

111 40.2 19.6 58.8

148 65.5 32.6 98.0





#89

n-Butylbenzene

Concen: 47.153 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW007201.D

Acq: 04 Dec 2018 21:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

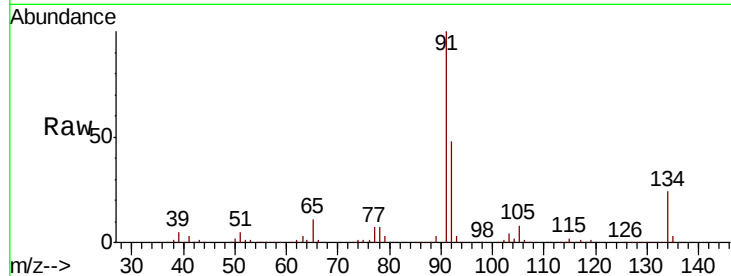
Tot Ion: 91 Resp: 264680

Ion Ratio Lower Upper

91 100

92 50.7 26.5 79.5

134 25.4 14.1 42.2

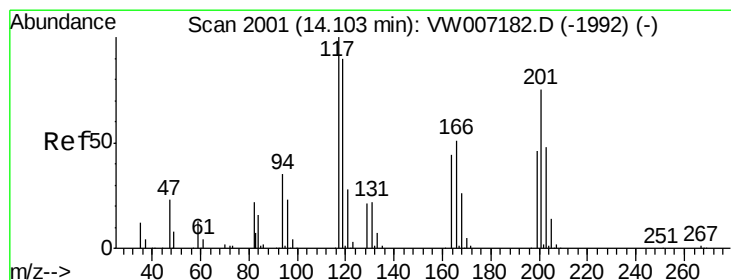
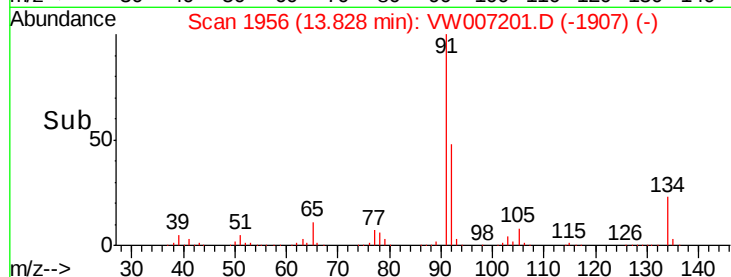
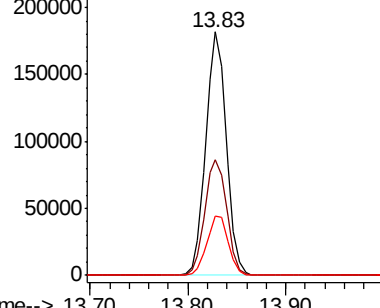


Abundance

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: 46.598 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.01 min

Lab File: VW007201.D

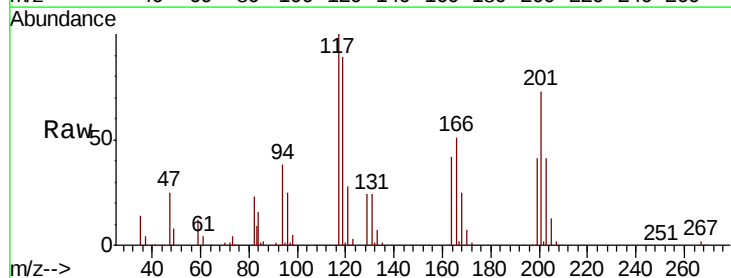
Acq: 04 Dec 2018 21:11

Tgt Ion: 117 Resp: 42654

Ion Ratio Lower Upper

117 100

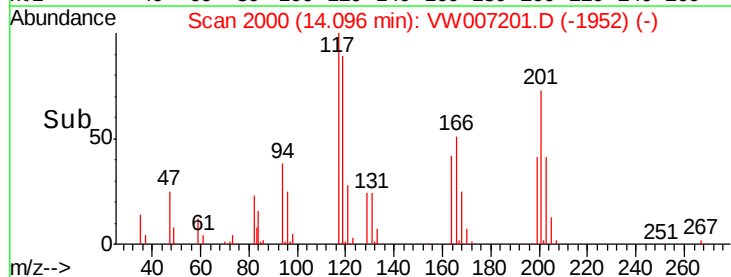
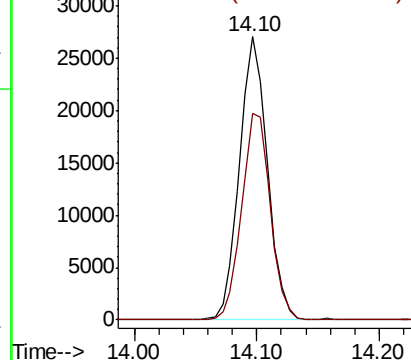
201 74.8 36.0 108.1

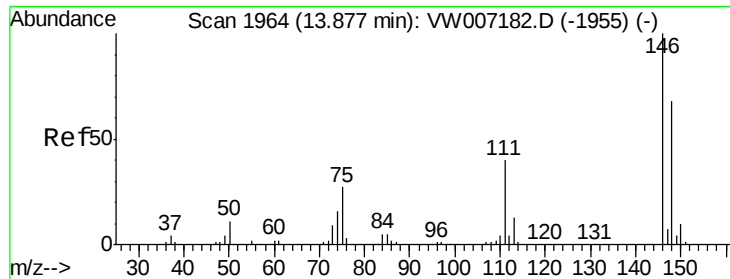


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

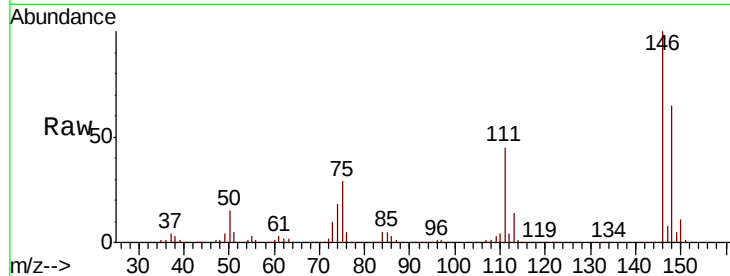




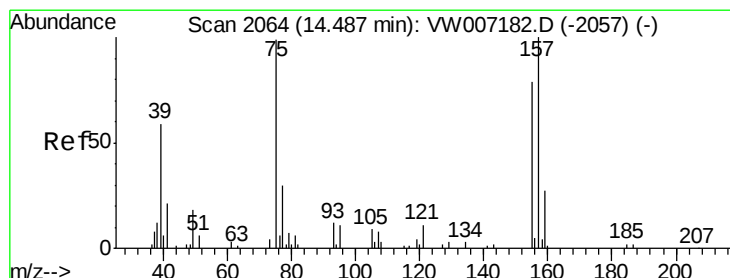
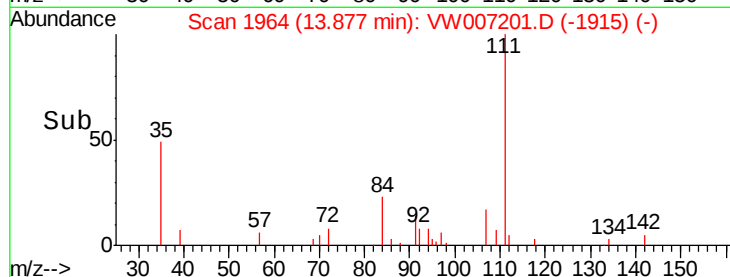
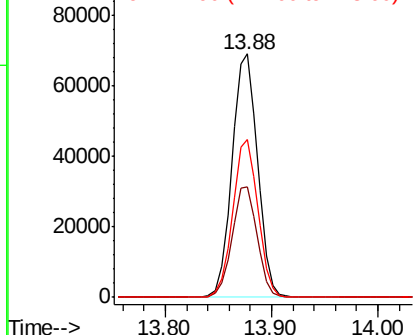
#91
 1,2-Dichlorobenzene
 Concen: 47.945 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 116281
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.6 65.0
 148 64.1 32.7 98.1

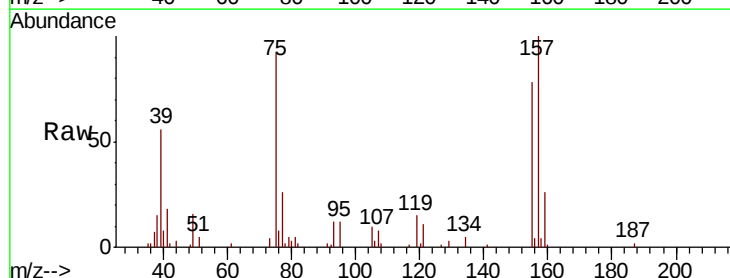


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

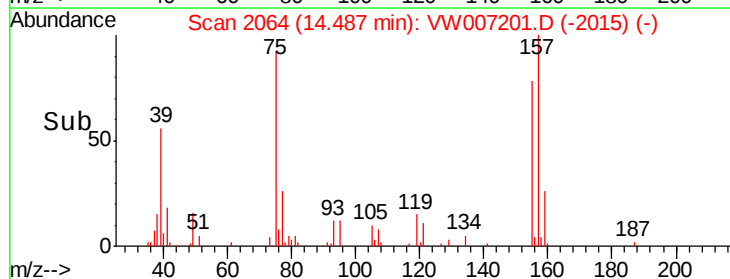
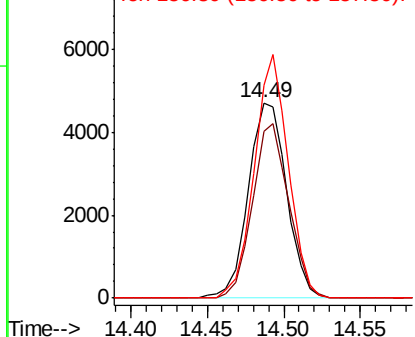


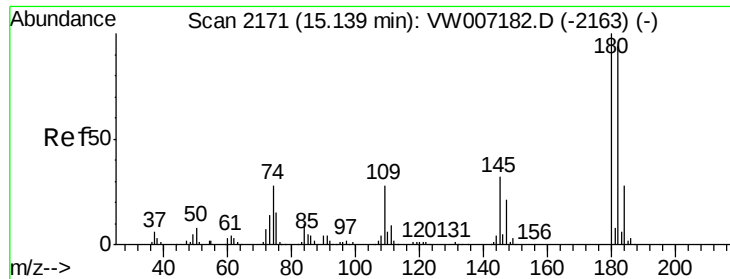
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.477 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion: 75 Resp: 8188
 Ion Ratio Lower Upper
 75 100
 155 85.1 42.4 127.2
 157 110.8 55.3 165.9



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

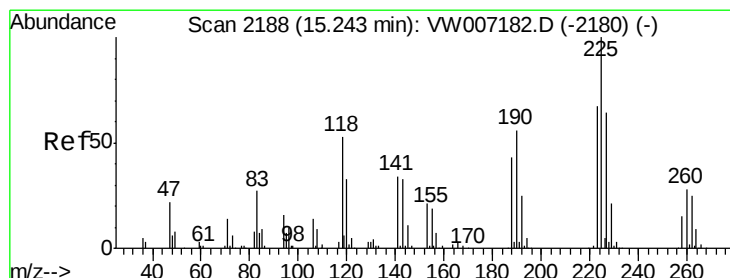
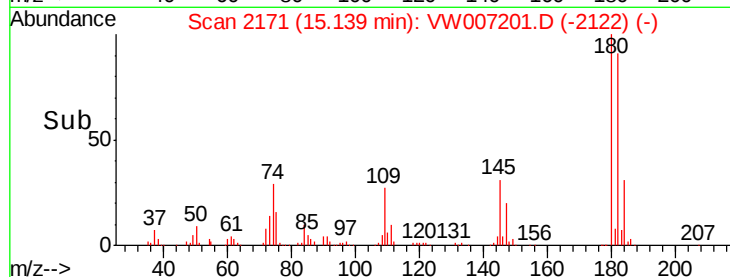
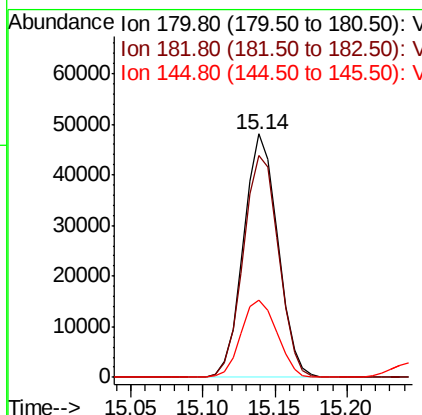
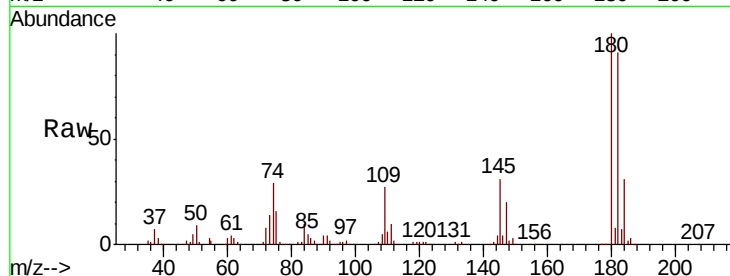




#93
 1,2,4-Trichlorobenzene
 Concen: 47.234 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

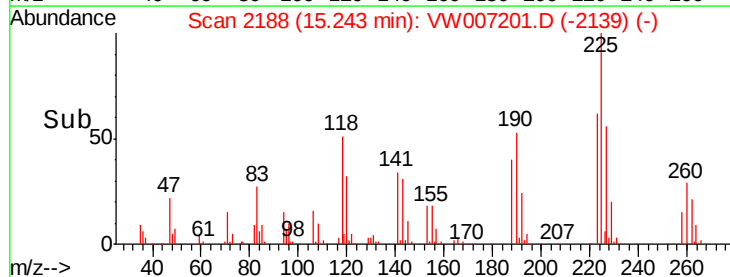
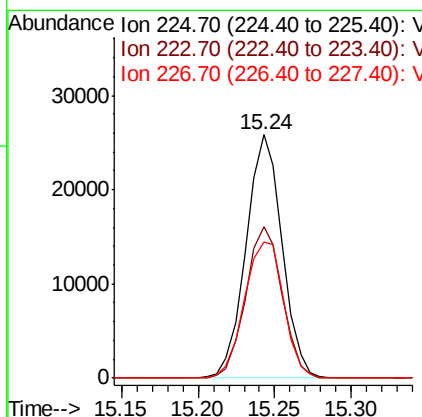
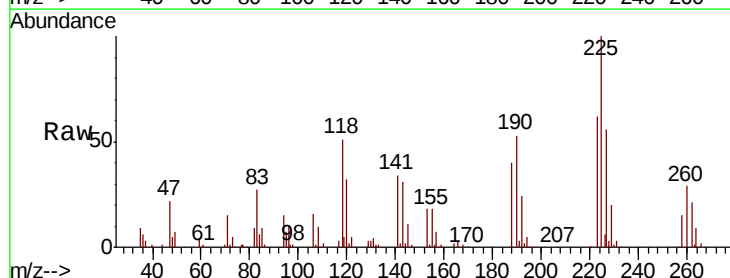
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

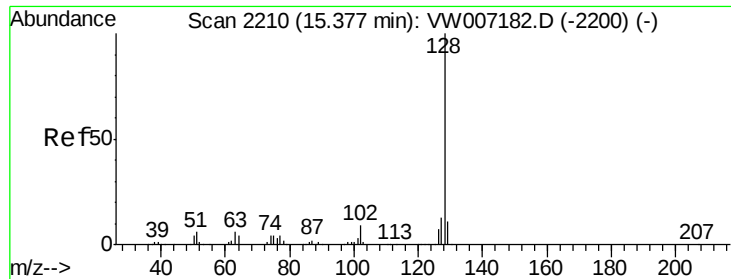
Tot Ion:180 Resp: 79389
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.9 143.8
 145 33.3 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 46.628 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007201.D
 Acq: 04 Dec 2018 21:11

Tgt Ion:225 Resp: 42262
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.3 96.8
 227 61.3 32.1 96.3

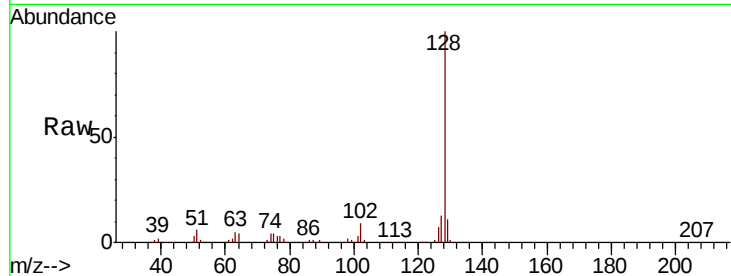




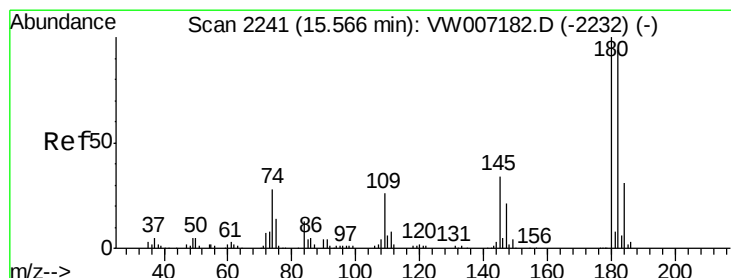
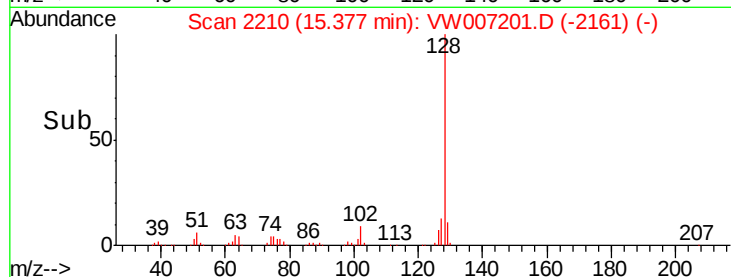
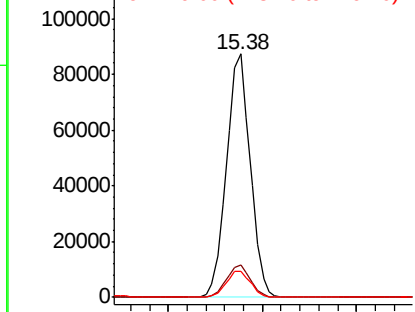
#95
Naphthalene
Concen: 50.670 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 152631
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.1 8.6 13.0

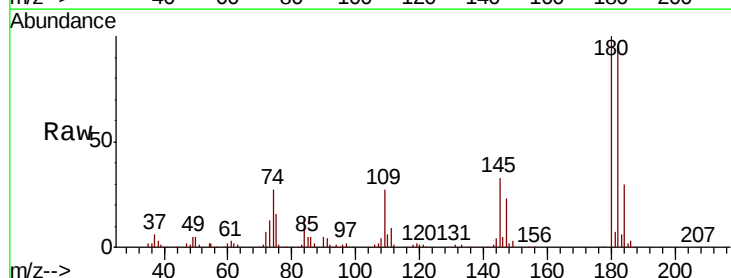


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 48.171 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007201.D
Acq: 04 Dec 2018 21:11

Tgt Ion:180 Resp: 68271
Ion Ratio Lower Upper
180 100
182 93.2 47.4 142.2
145 35.0 17.6 52.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

