

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003296.D
 Acq On : 15 Jun 2018 17:09
 Operator : SY/AP
 Sample : J2923-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:47:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	228583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	361222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	13303	5.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.74%	
35) Dibromofluoromethane	7.89	113	12040	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
50) Toluene-d8	10.33	98	43961	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
62) 4-Bromofluorobenzene	12.62	95	15048	4.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.56%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	3376	4.885	ug/l	74
3) Chloromethane	2.21	50	10998	6.299	ug/l	97
4) Vinyl Chloride	2.36	62	14735	5.789	ug/l	95
5) Bromomethane	2.78	94	9918	5.862	ug/l	99
6) Chloroethane	2.92	64	10201	5.758	ug/l	98
7) Trichlorofluoromethane	3.25	101	8817	5.782	ug/l	95
8) Diethyl Ether	3.67	74	6567	5.862	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	11600	5.478	ug/l	97
10) Methyl Iodide	4.26	142	17719	5.533	ug/l	98
11) Tert butyl alcohol	5.25	59	4042	30.440	ug/l #	91
12) 1,1-Dichloroethene	4.03	96	11643	5.627	ug/l	94
13) Acrolein	3.90	56	5670	29.866	ug/l	93
14) Allyl chloride	4.66	41	19393	5.411	ug/l	98
15) Acrylonitrile	5.39	53	12984	28.172	ug/l	99
16) Acetone	4.15	43	16209	31.215	ug/l	97
17) Carbon Disulfide	4.37	76	36028	5.889	ug/l	99
18) Methyl Acetate	4.68	43	9613	7.804	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	20659	5.331	ug/l	100
20) Methylene Chloride	4.91	84	20427	6.033	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	12979	5.763	ug/l #	88
22) Diisopropyl ether	6.31	45	34837	4.829	ug/l #	90
23) Vinyl Acetate	6.26	43	92914	22.351	ug/l	99
24) 1,1-Dichloroethane	6.21	63	24177	5.646	ug/l	98
25) 2-Butanone	7.18	43	18160	28.124	ug/l	98
26) 2,2-Dichloropropane	7.17	77	16386	5.733	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	13620	5.506	ug/l	95
28) Bromochloromethane	7.51	49	9551	5.360	ug/l	97
29) Tetrahydrofuran	7.54	42	10514	26.643	ug/l	99
30) Chloroform	7.68	83	24799	5.684	ug/l	99
31) Cyclohexane	7.96	56	24327	6.081	ug/l #	85
32) 1,1,1-Trichloroethane	7.88	97	19540	5.426	ug/l	97
36) 1,1-Dichloropropene	8.09	75	18656	5.348	ug/l	99
37) Ethyl Acetate	7.26	43	8092	5.599	ug/l	96
38) Carbon Tetrachloride	8.07	117	17955	5.247	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
 Data File : VW003296.D
 Acq On : 15 Jun 2018 17:09
 Operator : SY/AP
 Sample : J2923-03
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 16 03:47:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 14 08:20:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	20170	4.997	ug/l	93
40) Benzene	8.33	78	51982	5.406	ug/l	98
41) Methacrylonitrile	7.49	41	4568	5.151	ug/l	94
42) 1,2-Dichloroethane	8.41	62	17017	5.649	ug/l	99
43) Isopropyl Acetate	8.43	43	14952	5.210	ug/l	99
44) Trichloroethene	9.09	130	13971	5.483	ug/l	93
45) 1,2-Dichloropropane	9.37	63	13024	5.320	ug/l	94
46) Dibromomethane	9.46	93	7158	5.711	ug/l	95
47) Bromodichloromethane	9.65	83	17122	5.329	ug/l	96
48) Methyl methacrylate	9.45	41	6702	4.970	ug/l	99
49) 1,4-Dioxane	9.49	88	2100	110.958	ug/l	88
51) 4-Methyl-2-Pentanone	10.22	43	37262	25.483	ug/l	99
52) Toluene	10.39	92	30847	5.003	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	16062	4.894	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	18705	5.007	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	9326	5.280	ug/l	96
56) Ethyl methacrylate	10.65	69	10067	4.693	ug/l	96
57) 1,3-Dichloropropane	10.94	76	15777	5.179	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	22844	23.758	ug/l	98
59) 2-Hexanone	10.98	43	24024	23.519	ug/l	97
60) Dibromochloromethane	11.13	129	10324	4.915	ug/l	99
61) 1,2-Dibromoethane	11.24	107	8216	4.917	ug/l	92
64) Tetrachloroethene	10.87	164	11970	5.386	ug/l	95
65) Chlorobenzene	11.66	112	34995	5.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	12231	5.030	ug/l	96
67) Ethyl Benzene	11.74	91	58385	4.761	ug/l	99
68) m/p-Xylenes	11.85	106	44337	9.510	ug/l	99
69) o-Xylene	12.17	106	20671	4.784	ug/l	96
70) Styrene	12.19	104	32337	4.496	ug/l	98
71) Bromoform	12.35	173	6150	4.881	ug/l #	100
73) Isopropylbenzene	12.47	105	55273	4.523	ug/l	99
74) N-amyl acetate	12.28	43	13011	4.678	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	10616	5.135	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14409	9.593	ug/l #	100
77) Bromobenzene	12.75	156	14482	5.088	ug/l	99
78) n-propylbenzene	12.81	91	67937	4.540	ug/l	100
79) 2-Chlorotoluene	12.90	91	40330	4.769	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	47482	4.629	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3114	4.771	ug/l	87
82) 4-Chlorotoluene	12.99	91	45101	5.028	ug/l	98
83) tert-Butylbenzene	13.21	119	39749	4.547	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	49180	4.661	ug/l	99
85) sec-Butylbenzene	13.39	105	60479	4.654	ug/l	98
86) p-Isopropyltoluene	13.51	119	50650	4.420	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	29584	5.060	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	29808	5.128	ug/l	92
89) n-Butylbenzene	13.84	91	51976	4.653	ug/l	98
90) Hexachloroethane	14.10	117	9920	4.785	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	26727	5.219	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1878	5.398	ug/l	94

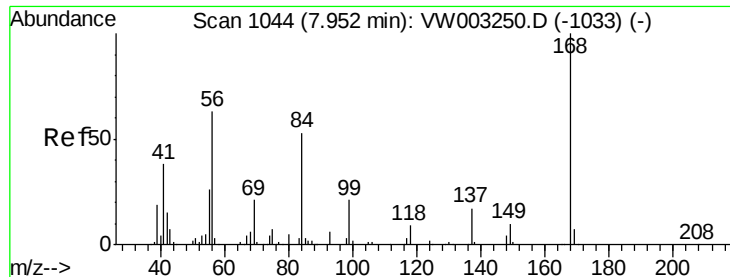
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061518\
Data File : VW003296.D
Acq On : 15 Jun 2018 17:09
Operator : SY/AP
Sample : J2923-03
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jun 16 03:47:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 14 08:20:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18684	5.197	ug/l	97
94) Hexachlorobutadiene	15.25	225	10960	5.068	ug/l	96
95) Naphthalene	15.38	128	26401	4.329	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	16254	5.136	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

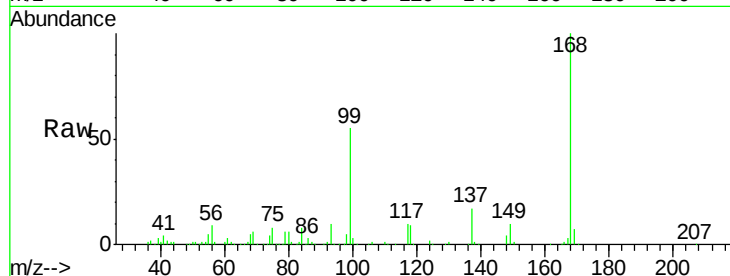
ClientSampleId :

Tot Ion:168 Resp: 228583

Ion Ratio Lower Upper

168 100

99 55.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

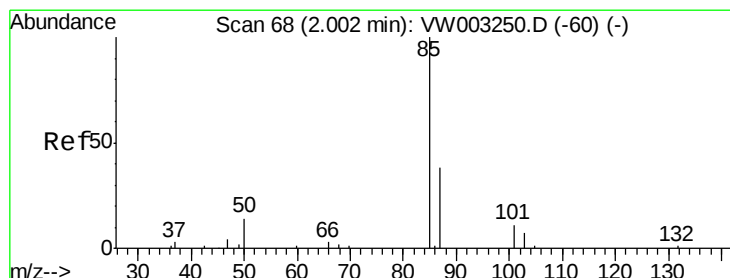
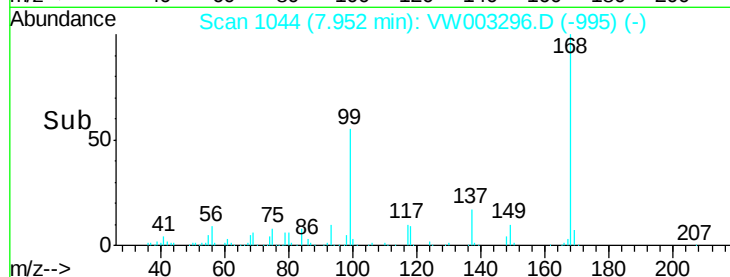
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.885 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VW003296.D

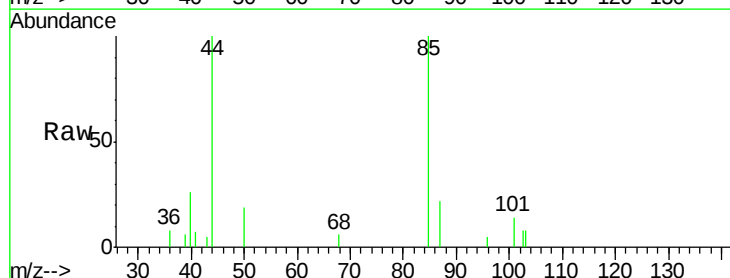
Acq: 15 Jun 2018 17:09

Tgt Ion: 85 Resp: 3376

Ion Ratio Lower Upper

85 100

87 22.3 18.9 56.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

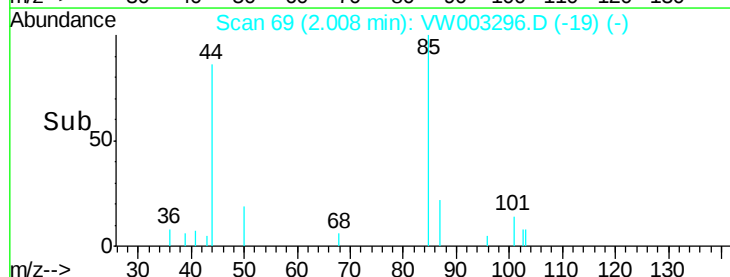
2.01

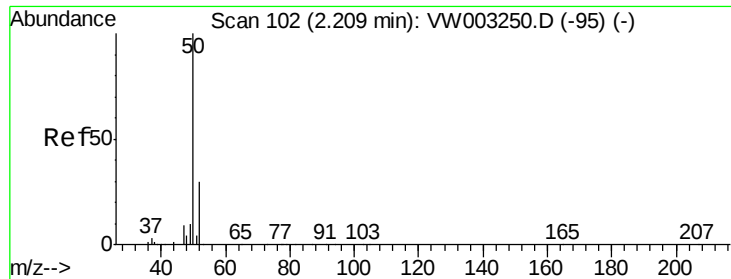
1000

500

0

Time-->





#3

Chloromethane

Concen: 6.299 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

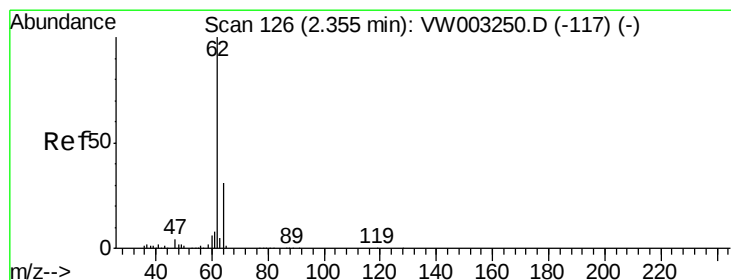
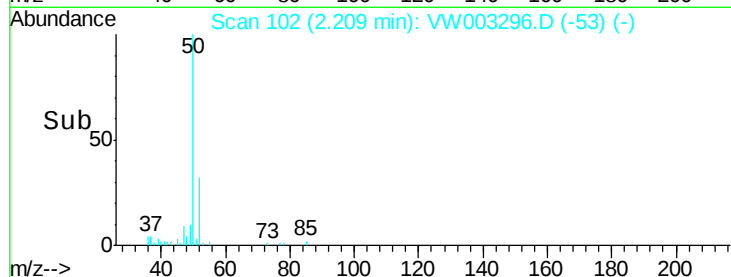
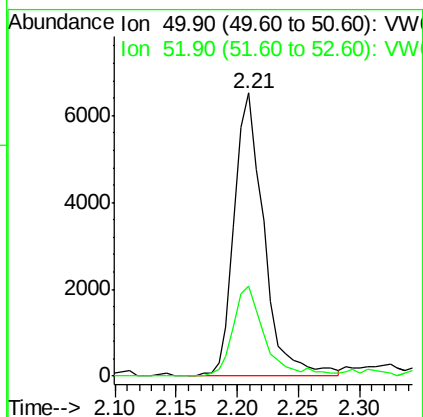
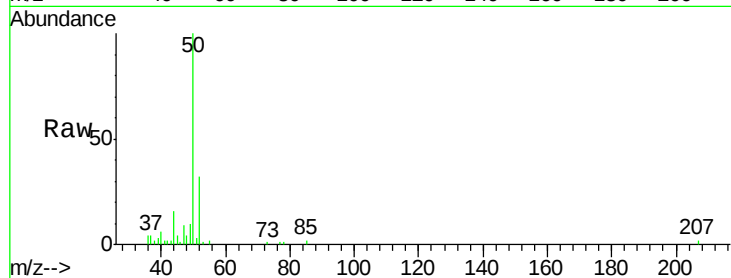
ClientSampled :

Tot Ion: 50 Resp: 10998

Ion Ratio Lower Upper

50 100

52 32.0 24.2 36.2



#4

Vinyl Chloride

Concen: 5.789 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003296.D

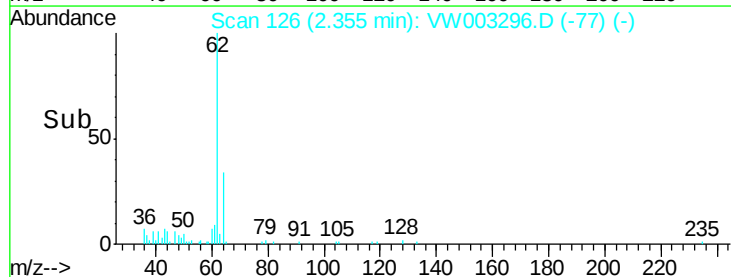
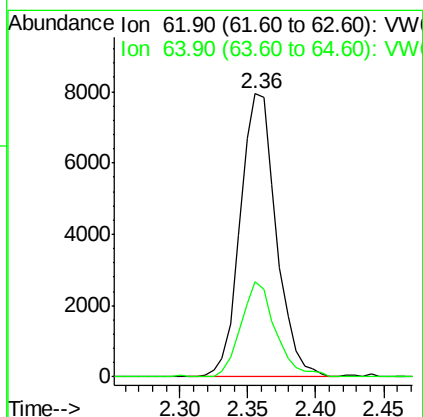
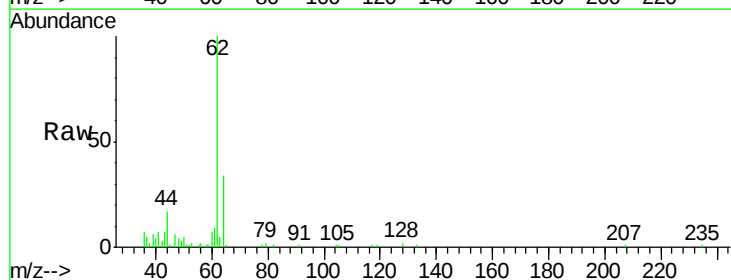
Acq: 15 Jun 2018 17:09

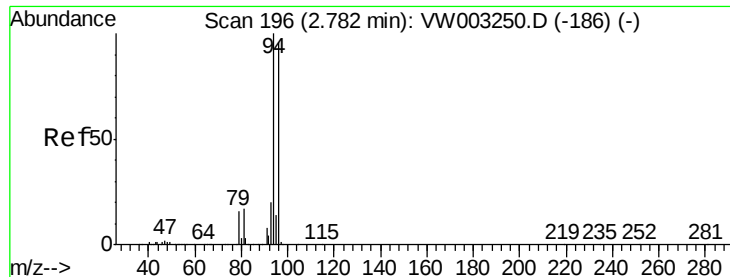
Tgt Ion: 62 Resp: 14735

Ion Ratio Lower Upper

62 100

64 33.8 24.9 37.3





#5

Bromomethane

Concen: 5.862 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

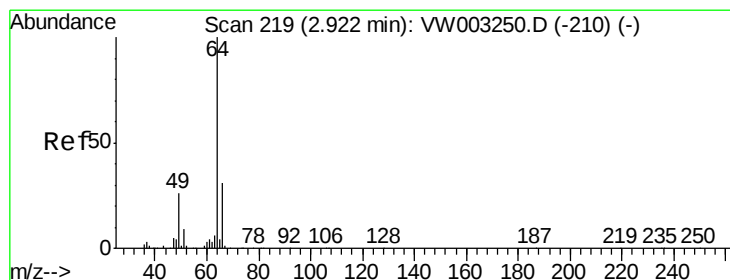
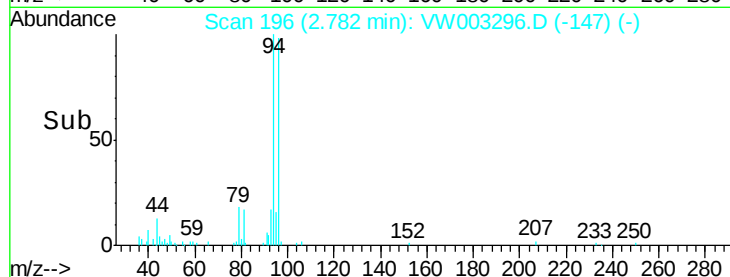
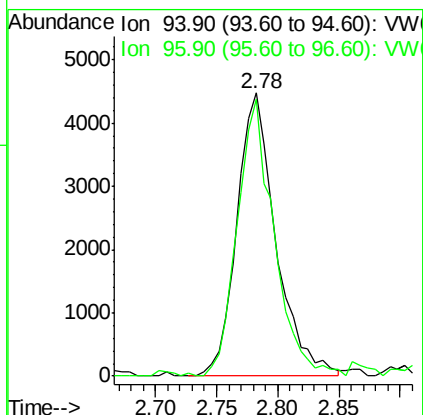
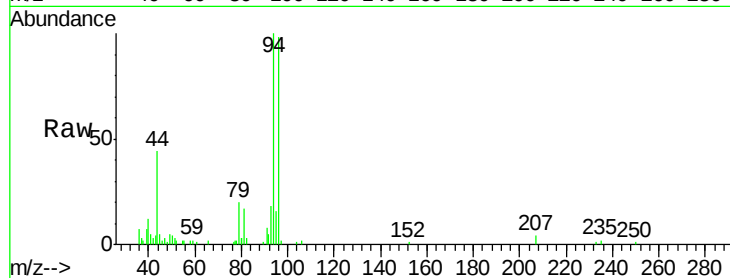
ClientSampleId :

Tot Ion: 94 Resp: 9918

Ion Ratio Lower Upper

94 100

96 96.9 76.5 114.7



#6

Chloroethane

Concen: 5.758 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003296.D

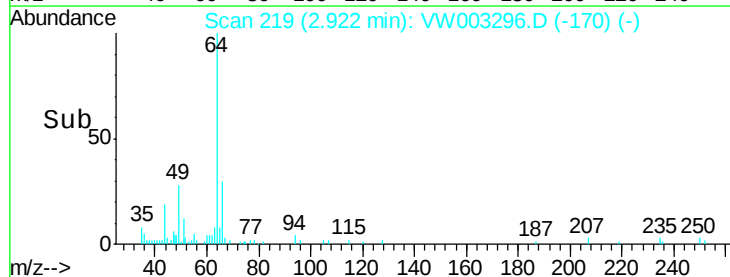
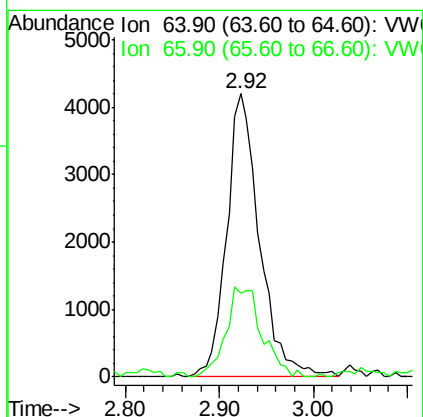
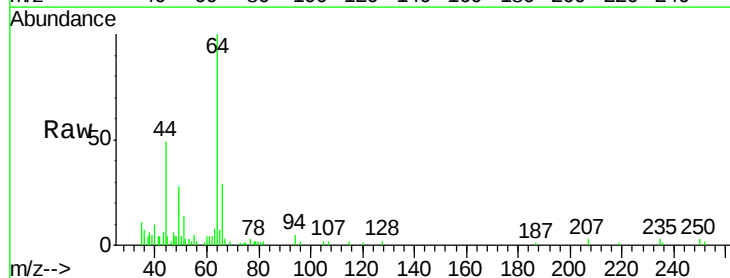
Acq: 15 Jun 2018 17:09

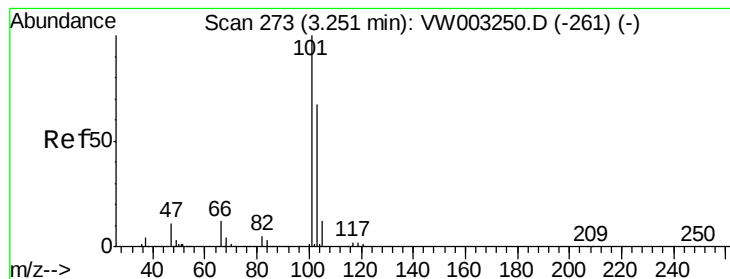
Tgt Ion: 64 Resp: 10201

Ion Ratio Lower Upper

64 100

66 29.4 24.4 36.6



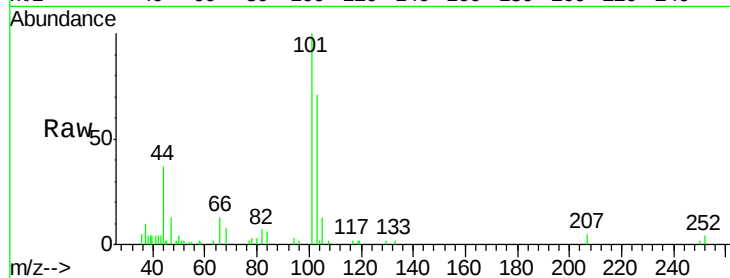


#7

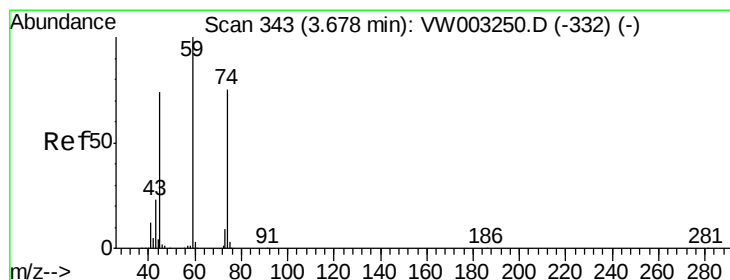
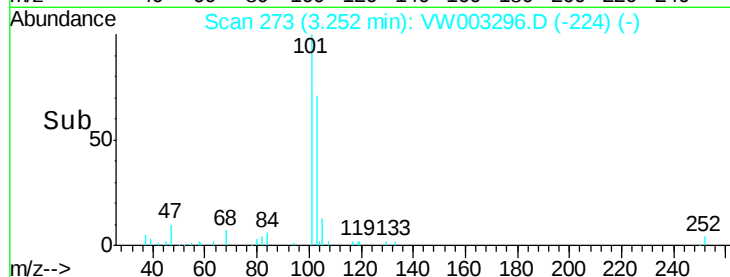
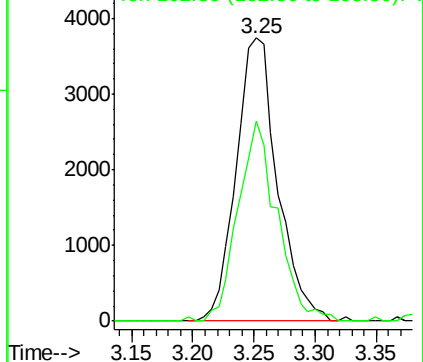
Trichlorofluoromethane
Concen: 5.782 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:101 Resp: 8817
Ion Ratio Lower Upper
101 100
103 70.6 53.4 80.0



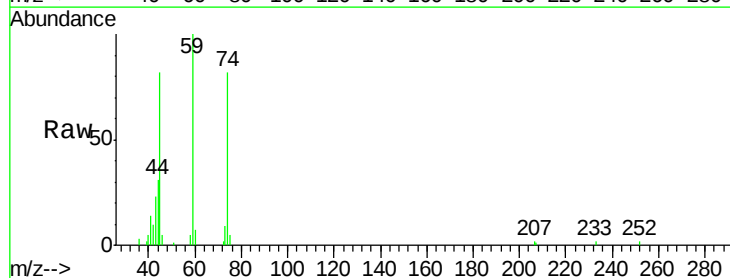
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



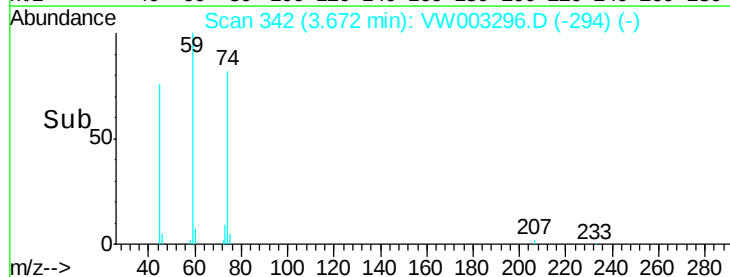
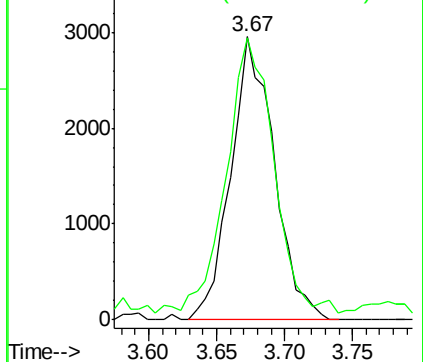
#8

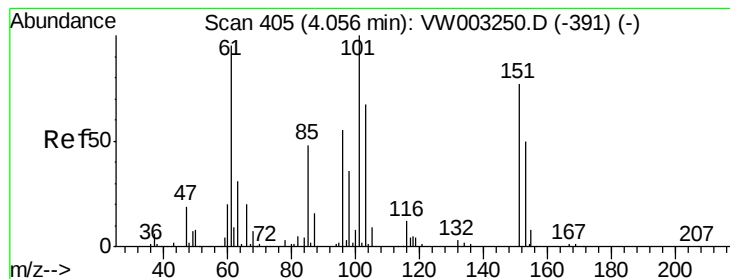
Diethyl Ether
Concen: 5.862 ug/l
RT: 3.67 min Scan# 342
Delta R.T. -0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 74 Resp: 6567
Ion Ratio Lower Upper
74 100
45 109.0 51.4 154.2



Abundance Ion 74.00 (73.70 to 74.70): VW
Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.478 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

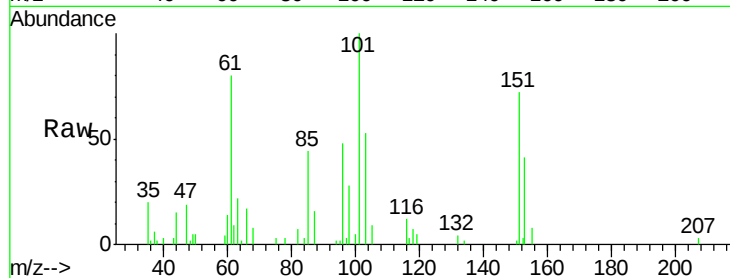
Tot Ion:101 Resp: 11600

Ion Ratio Lower Upper

101 100

85 49.1 37.0 55.6

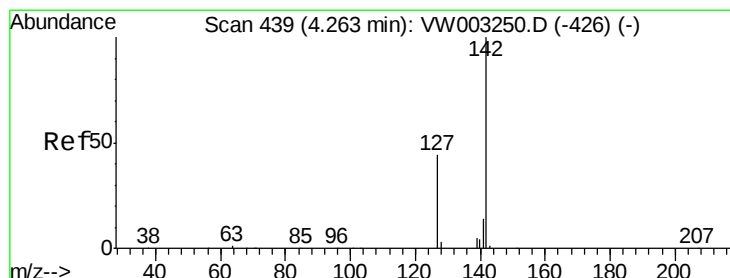
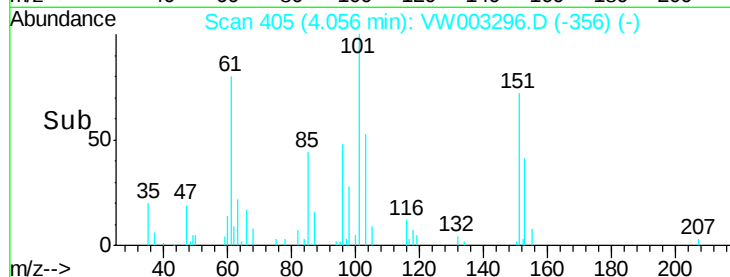
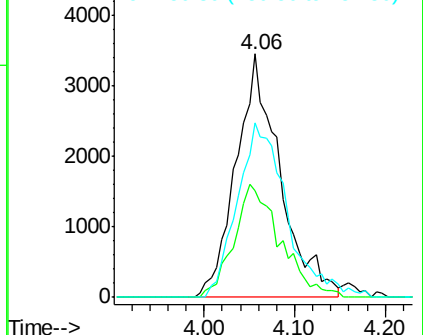
151 81.0 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.533 ug/l

RT: 4.26 min Scan# 439

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

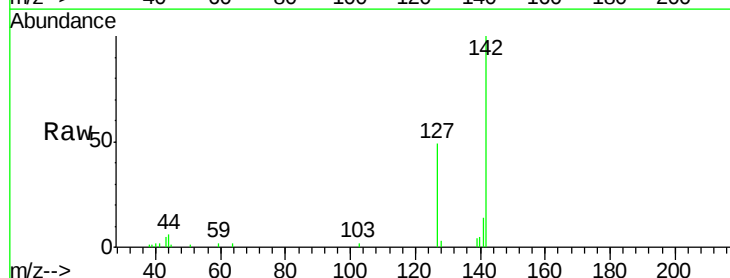
Tgt Ion:142 Resp: 17719

Ion Ratio Lower Upper

142 100

127 46.8 36.5 54.7

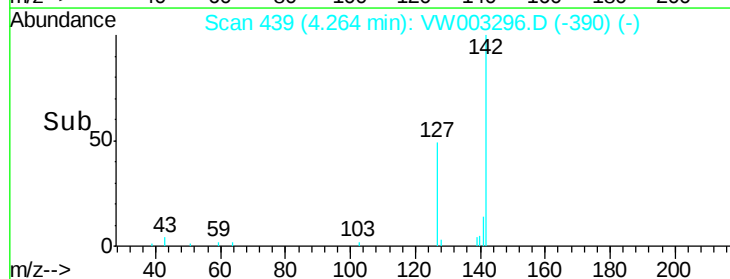
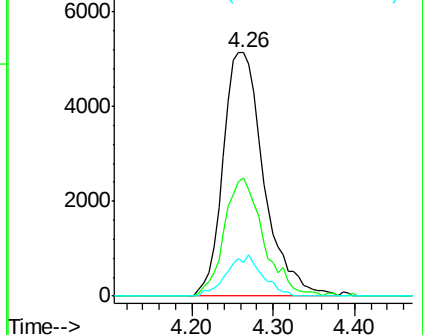
141 14.7 12.1 18.1

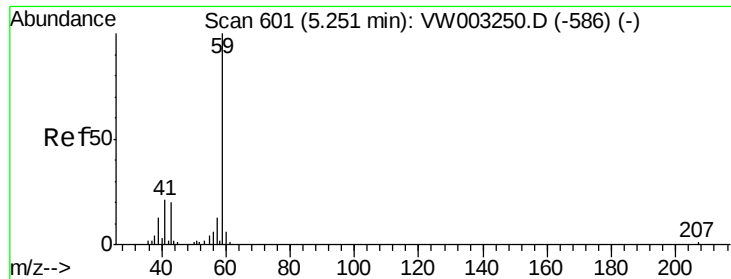


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



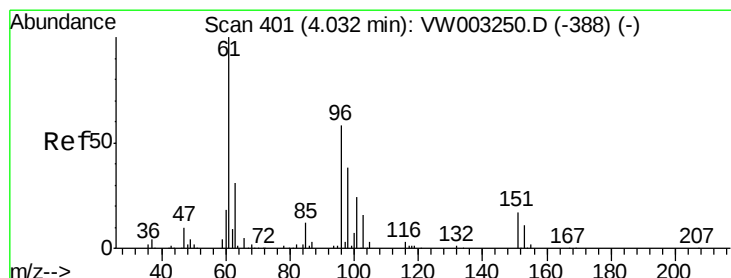
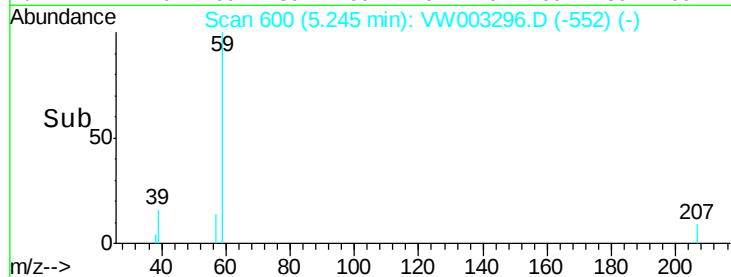
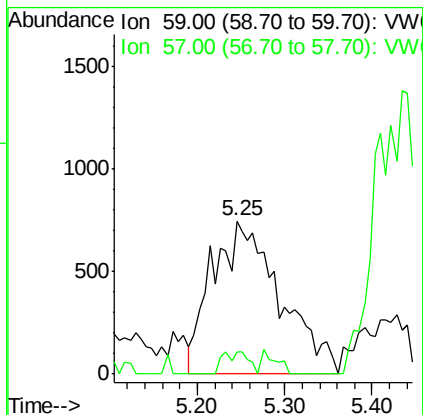
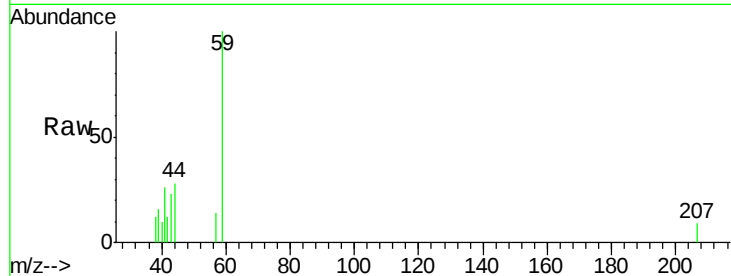


#11

Tert butyl alcohol
Concen: 30.440 ug/l
RT: 5.25 min Scan# 600
Delta R.T. -0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampled :

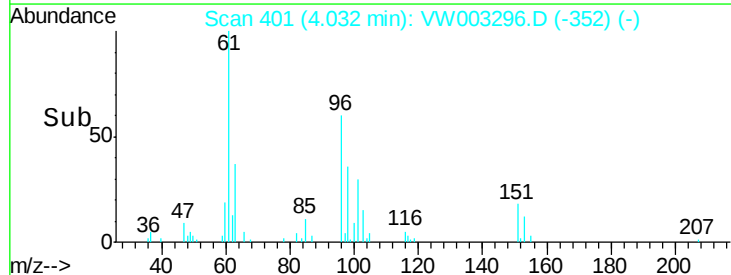
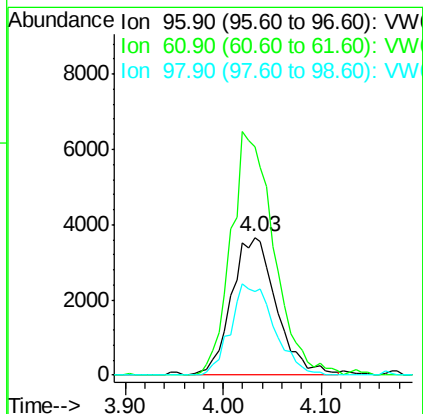
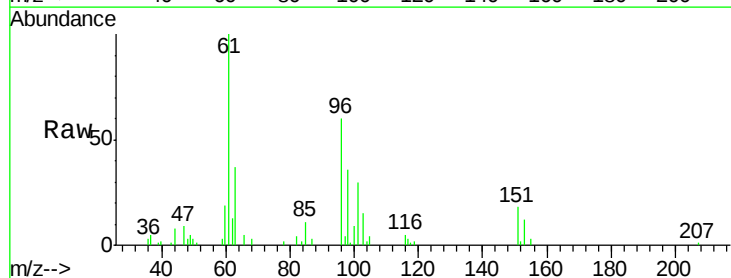
Tot Ion: 59 Resp: 4042
Ion Ratio Lower Upper
59 100
57 2.4 4.2 6.2#

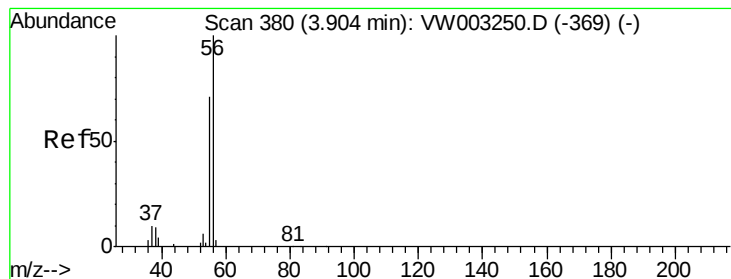


#12

1,1-Dichloroethene
Concen: 5.627 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 96 Resp: 11643
Ion Ratio Lower Upper
96 100
61 166.0 139.0 208.4
98 60.5 53.3 79.9





#13

Acrolein

Concen: 29.866 ug/l

RT: 3.90 min Scan# 380

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

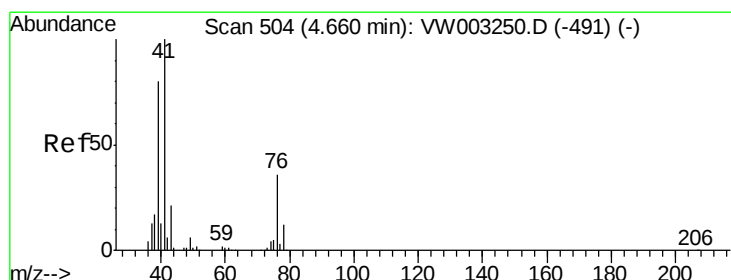
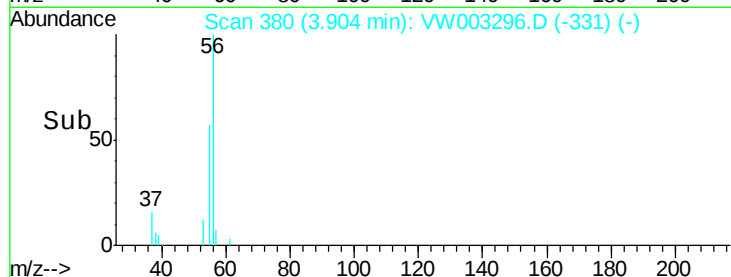
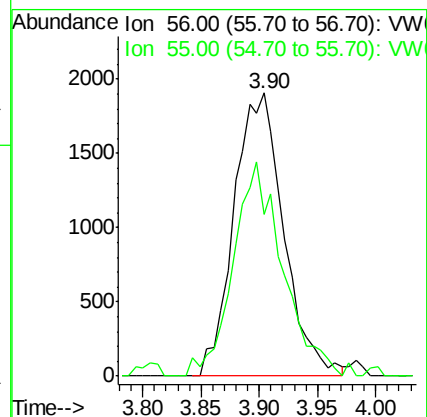
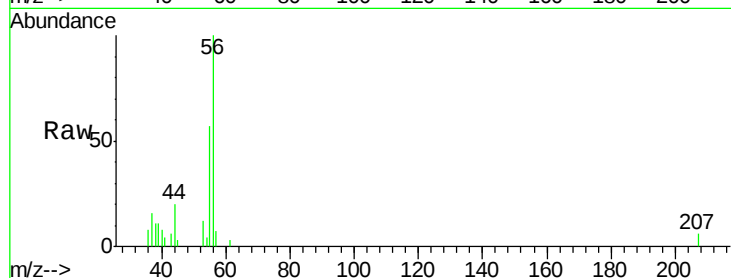
ClientSampleId :

Tot Ion: 56 Resp: 5670

Ion Ratio Lower Upper

56 100

55 75.0 55.4 83.2



#14

Allyl chloride

Concen: 5.411 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

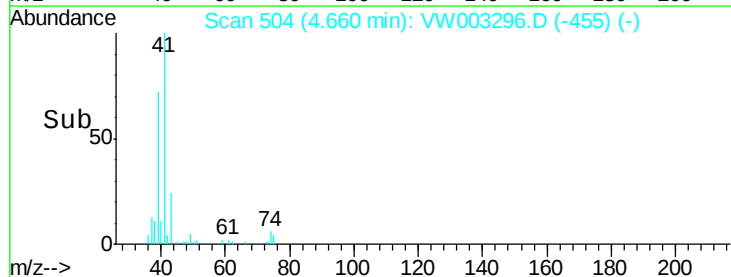
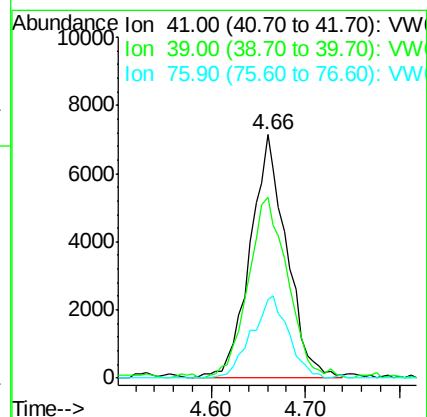
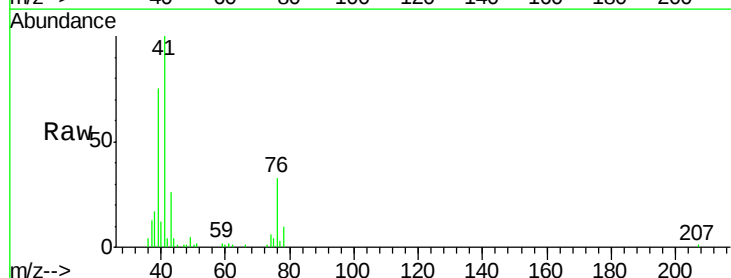
Tgt Ion: 41 Resp: 19393

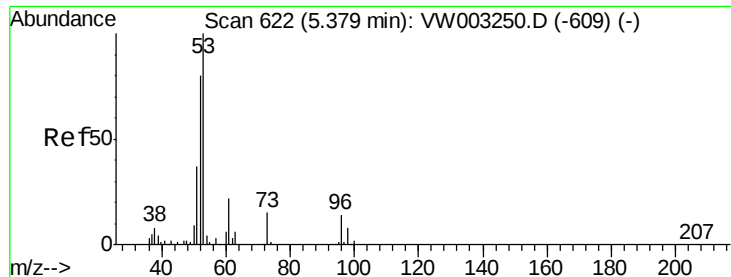
Ion Ratio Lower Upper

41 100

39 80.9 63.2 94.8

76 34.1 28.0 42.0





#15

Acrylonitrile

Concen: 28.172 ug/l

RT: 5.39 min Scan# 623

Delta R.T. 0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

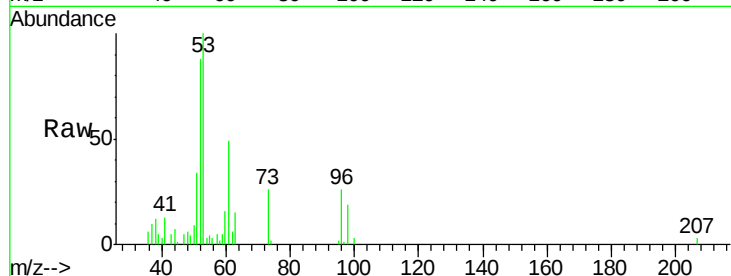
Tot Ion: 53 Resp: 12984

Ion Ratio Lower Upper

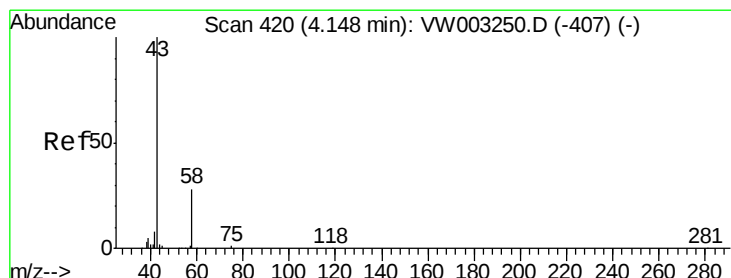
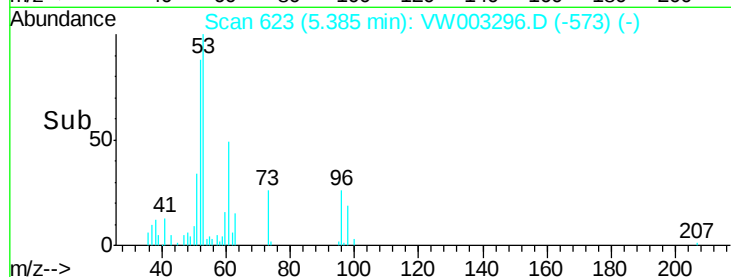
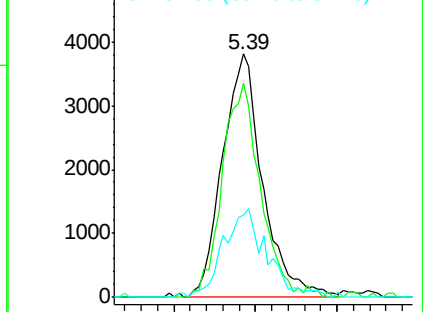
53 100

52 82.8 66.6 100.0

51 39.3 30.6 46.0



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



#16

Acetone

Concen: 31.215 ug/l

RT: 4.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VW003296.D

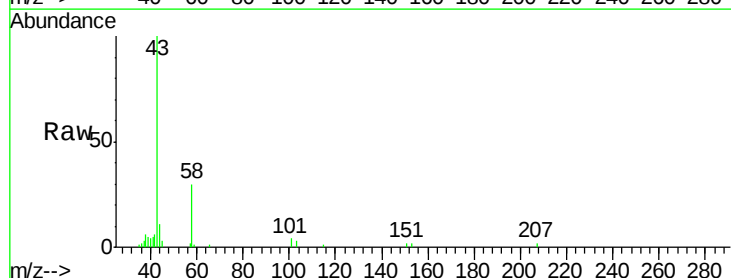
Acq: 15 Jun 2018 17:09

Tgt Ion: 43 Resp: 16209

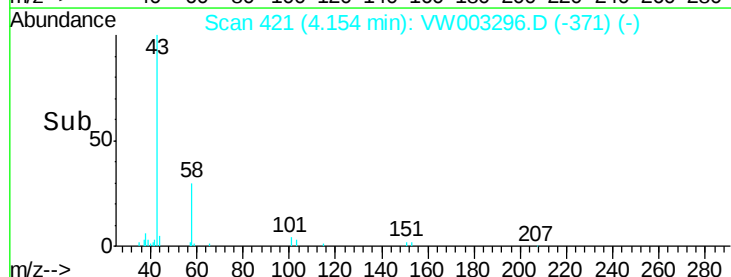
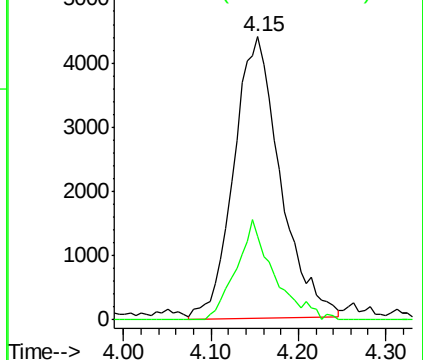
Ion Ratio Lower Upper

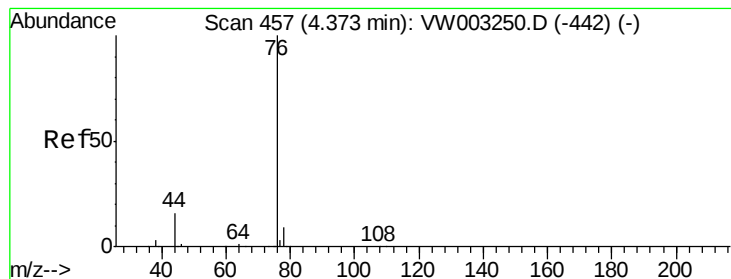
43 100

58 30.1 22.6 34.0



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





#17

Carbon Disulfide

Concen: 5.889 ug/l

RT: 4.37 min Scan# 457

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

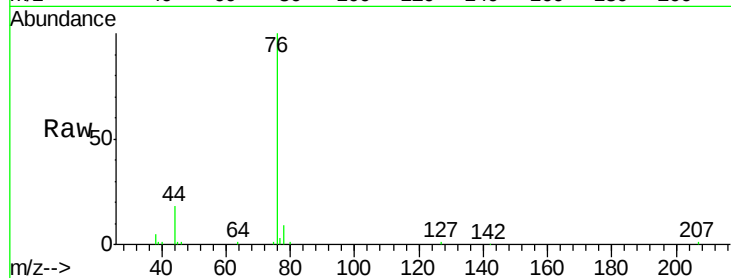
ClientSampleId :

Tot Ion: 76 Resp: 36028

Ion Ratio Lower Upper

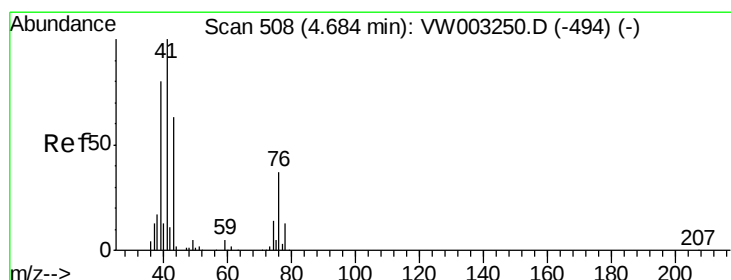
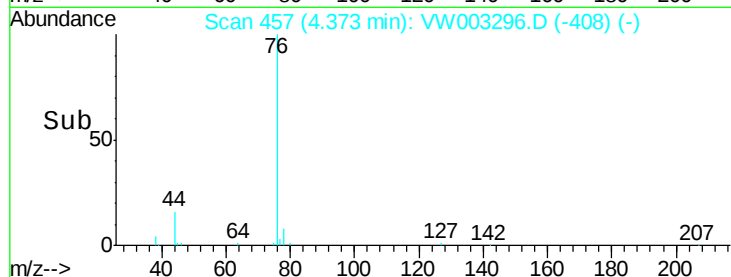
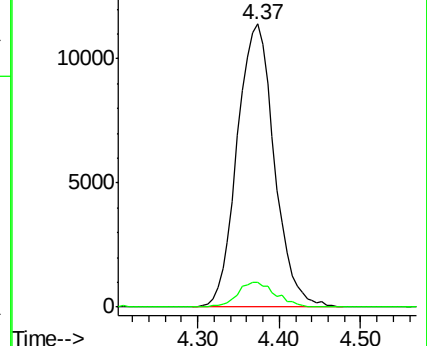
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 7.804 ug/l

RT: 4.68 min Scan# 507

Delta R.T. -0.01 min

Lab File: VW003296.D

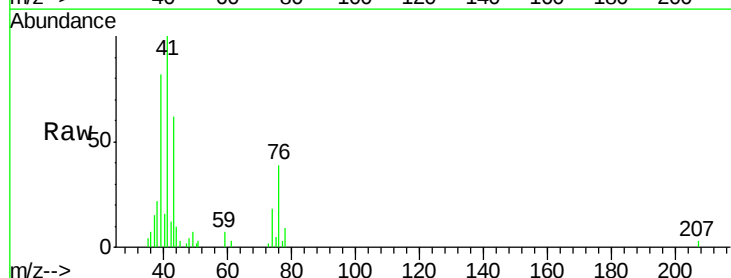
Acq: 15 Jun 2018 17:09

Tgt Ion: 43 Resp: 9613

Ion Ratio Lower Upper

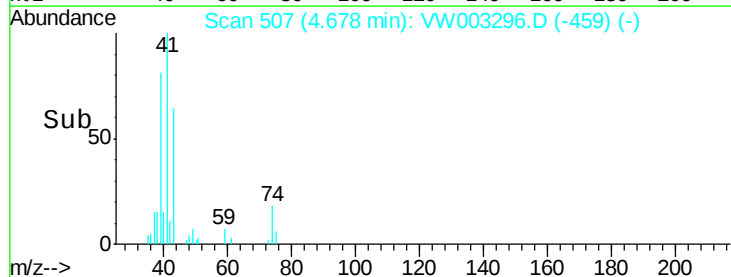
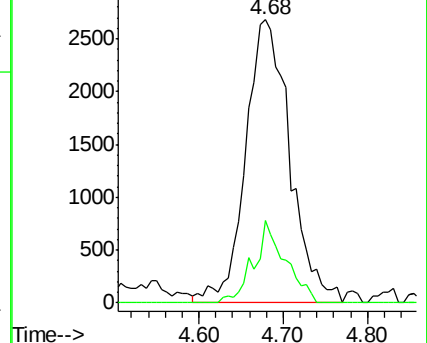
43 100

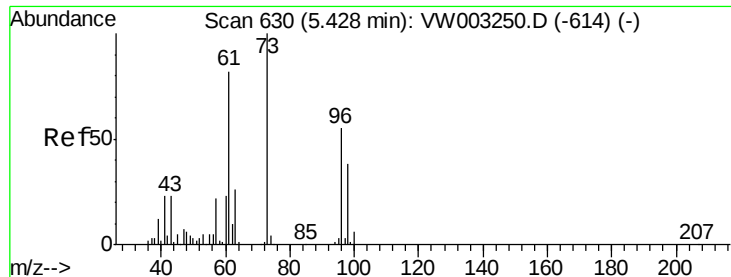
74 20.8 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

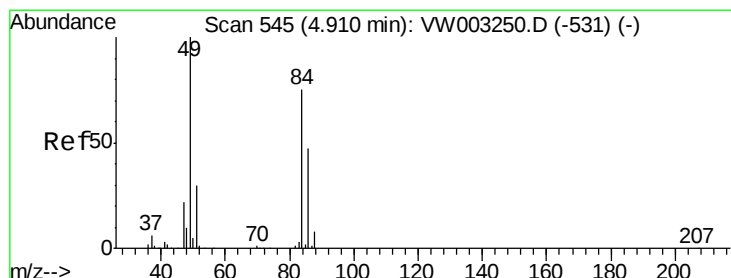
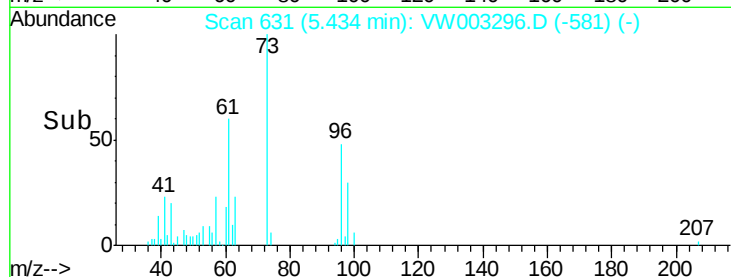
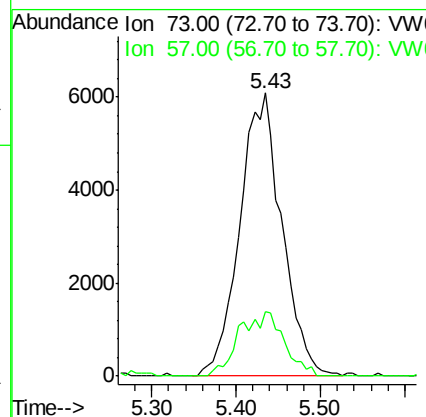
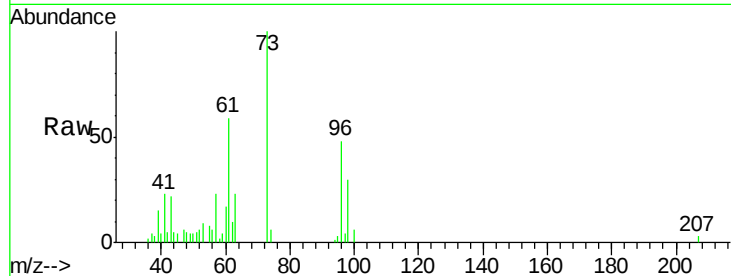




#19
Methvl tert-butvl Ether
Concen: 5.331 ug/l
RT: 5.43 min Scan# 631
Delta R.T. 0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

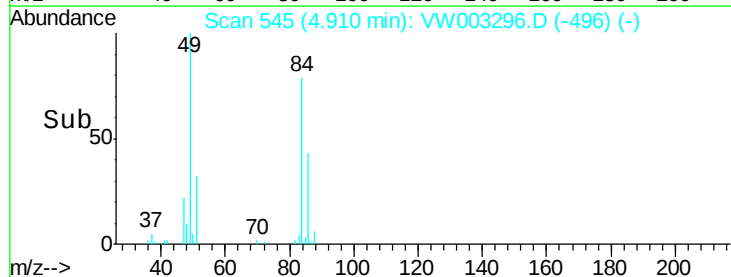
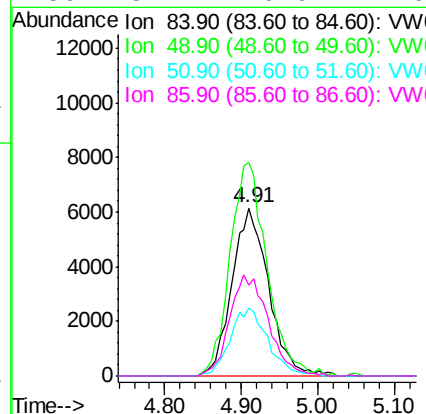
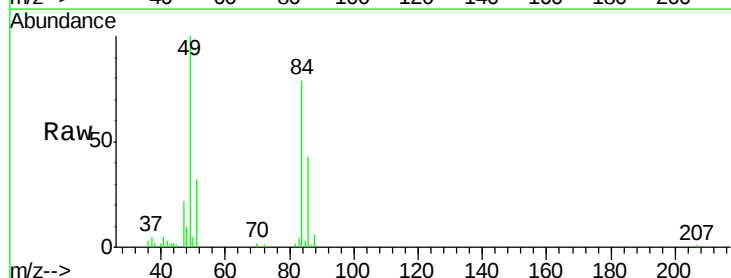
Instrument :
MSVOA_W
ClientSampleId :

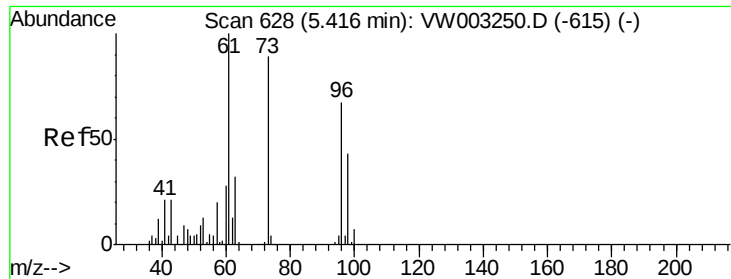
Tot Ion: 73 Resp: 20659
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 6.033 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 84 Resp: 20427
Ion Ratio Lower Upper
84 100
49 127.0 106.3 159.5
51 40.7 32.0 48.0
86 54.2 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 5.763 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

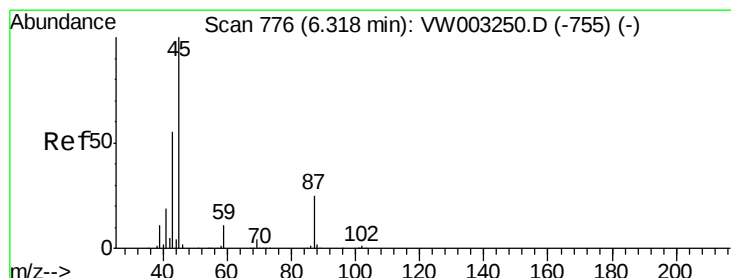
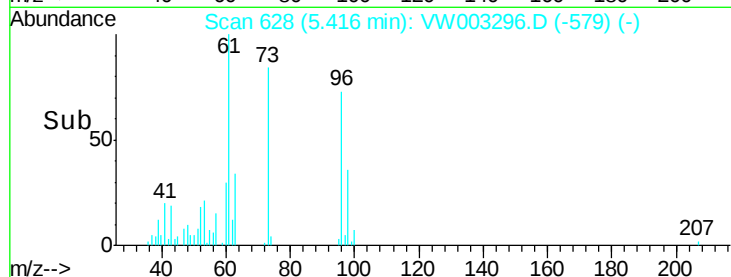
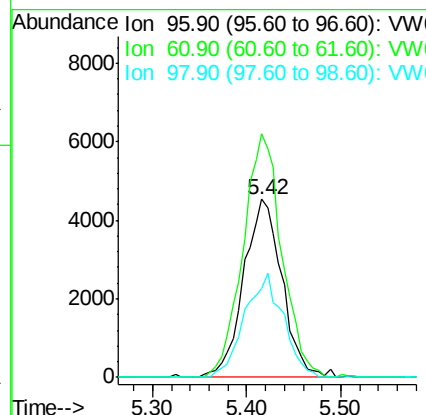
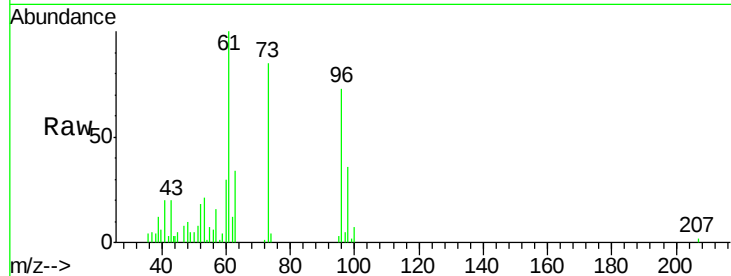
Tot Ion: 96 Resp: 12979

Ion Ratio Lower Upper

96 100

61 136.6 118.7 178.1

98 49.6 51.0 76.6#



#22

Diisopropyl ether

Concen: 4.829 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Tgt Ion: 45 Resp: 34837

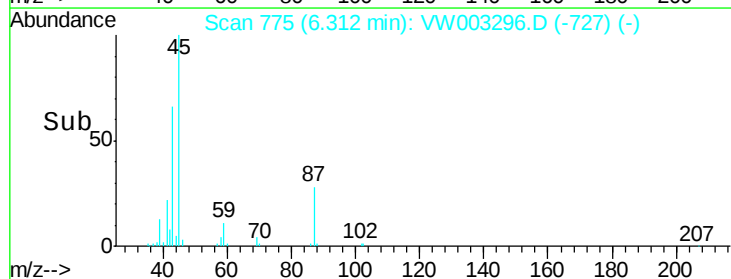
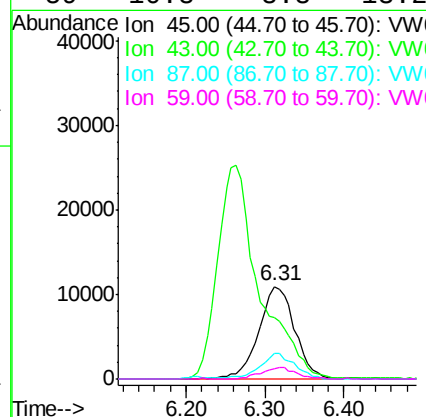
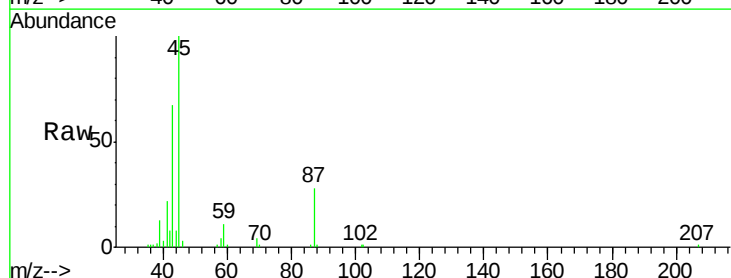
Ion Ratio Lower Upper

45 100

43 66.0 44.0 66.0#

87 27.8 20.6 31.0

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 22.351 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

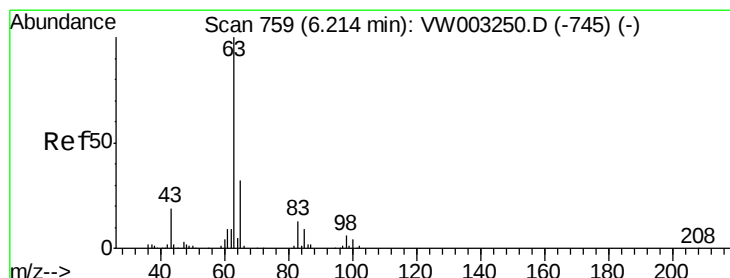
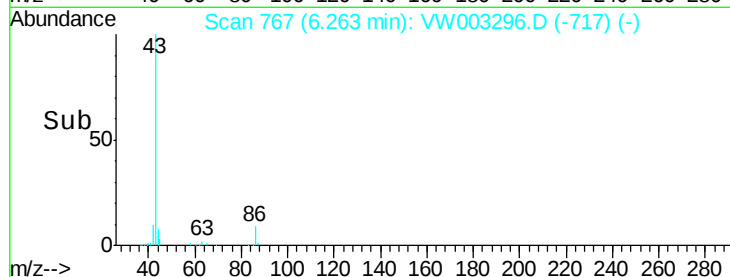
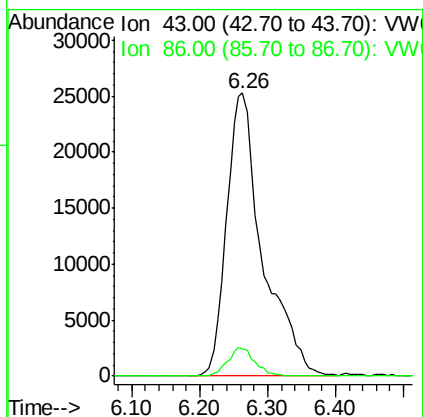
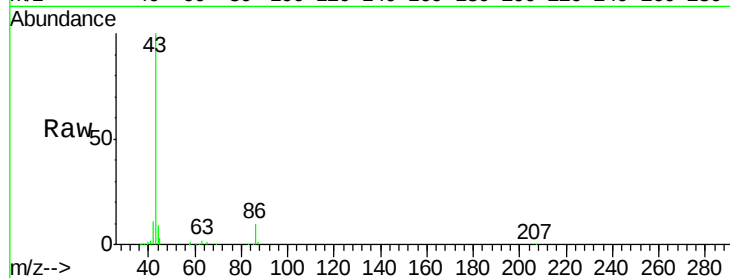
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 92914

Ion Ratio Lower Upper

43 100

86 9.6 7.5 11.3



#24

1,1-Dichloroethane

Concen: 5.646 ug/l

RT: 6.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

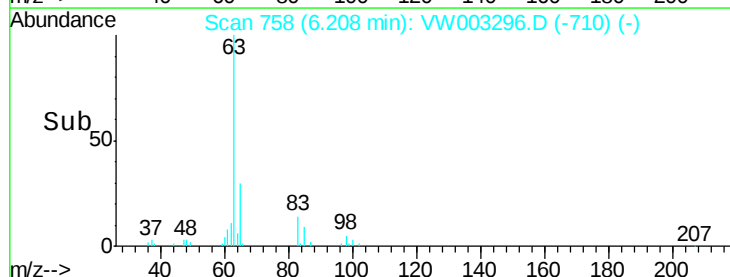
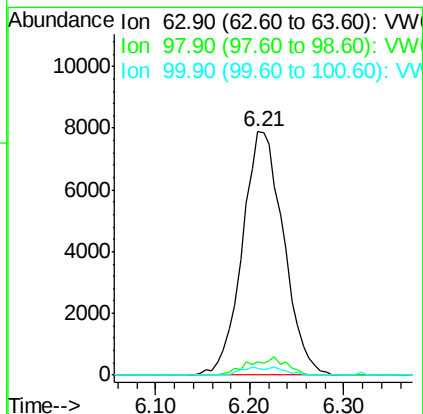
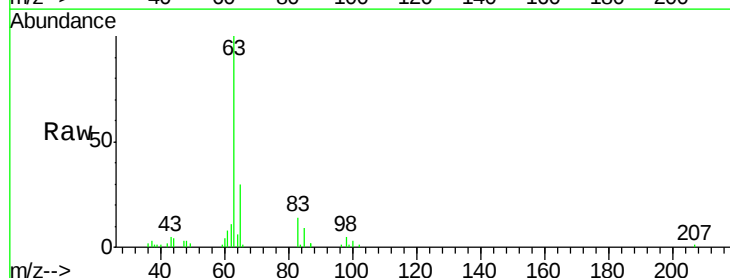
Tgt Ion: 63 Resp: 24177

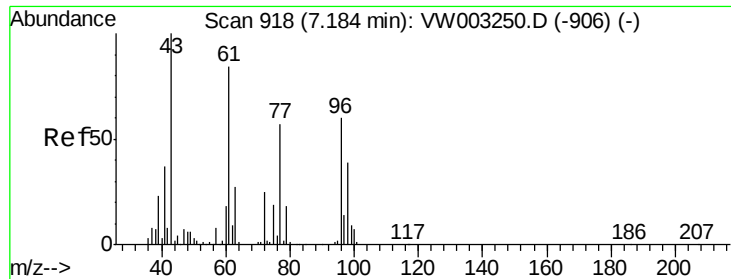
Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.3

100 2.8 2.1 6.5





#25

2-Butanone

Concen: 28.124 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

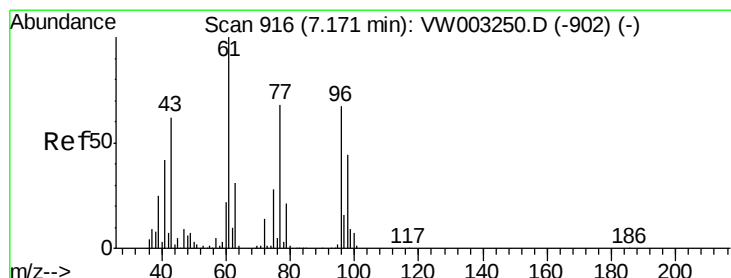
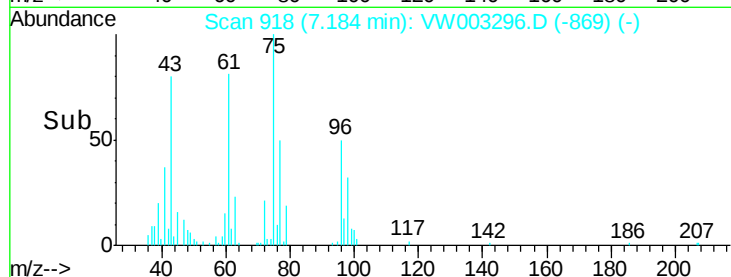
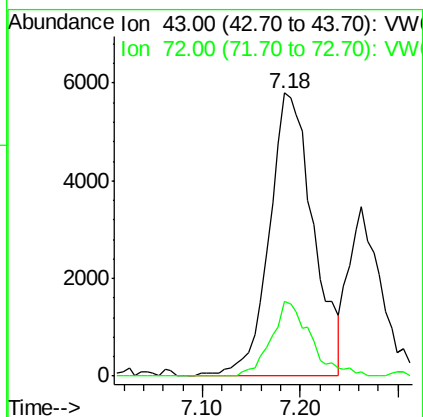
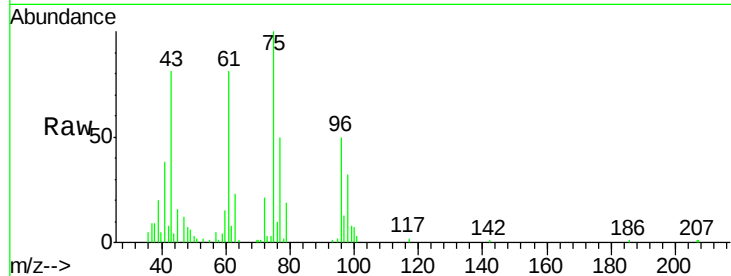
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 18160

Ion Ratio Lower Upper

43 100

72 26.4 20.3 30.5



#26

2,2-Dichloropropane

Concen: 5.733 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW003296.D

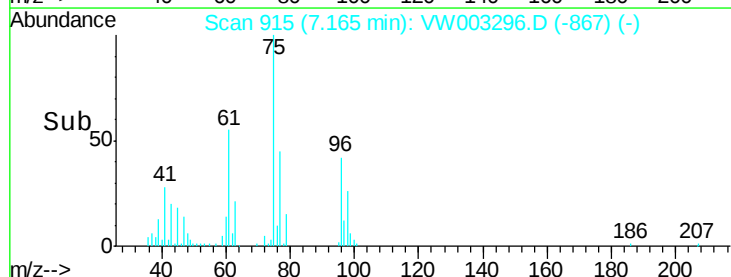
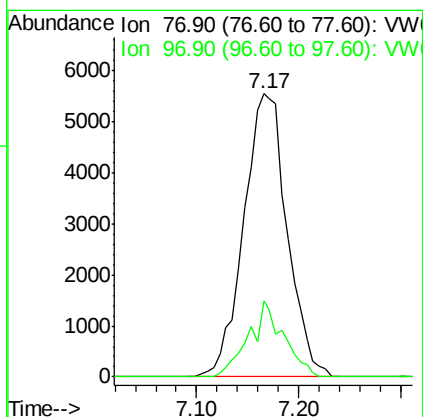
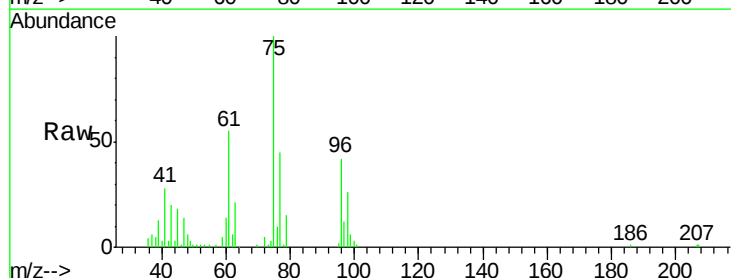
Acq: 15 Jun 2018 17:09

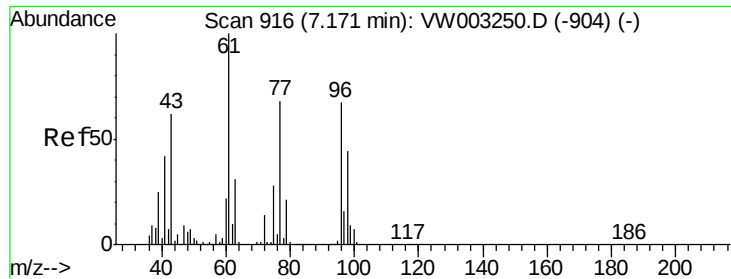
Tgt Ion: 77 Resp: 16386

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.9



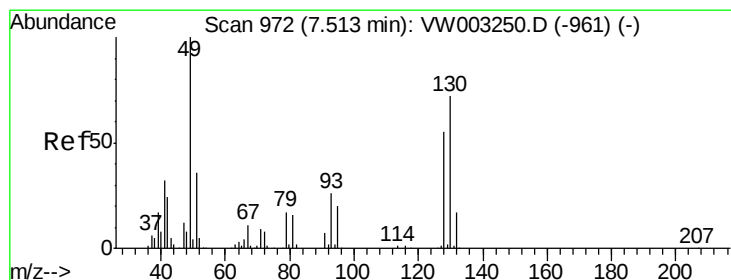
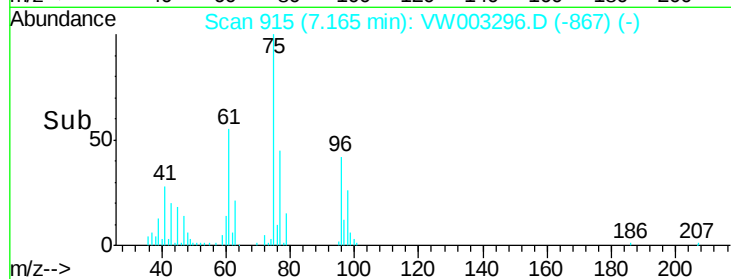
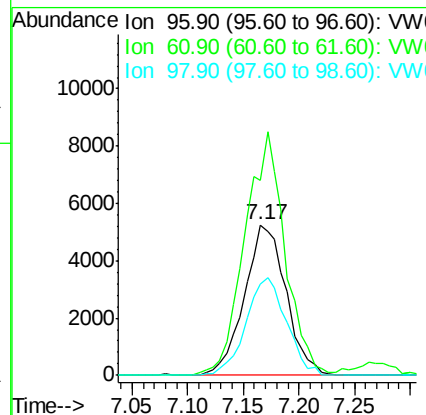
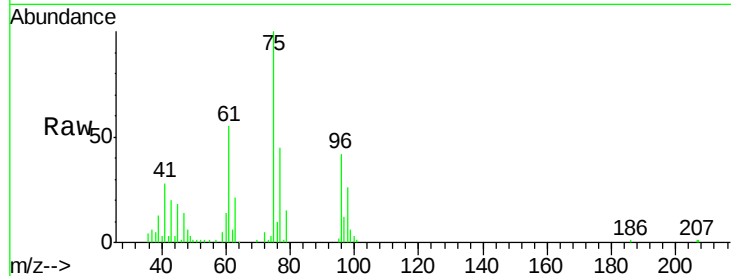


#27

cis-1,2-Dichloroethene
Concen: 5.506 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampled :

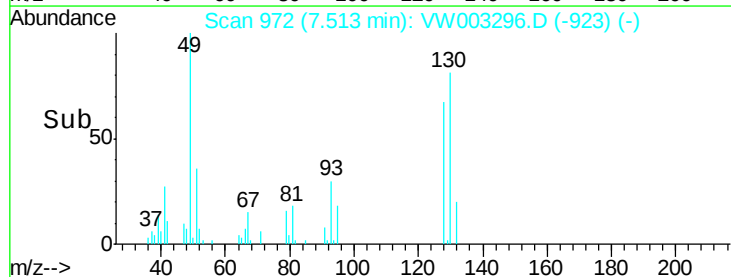
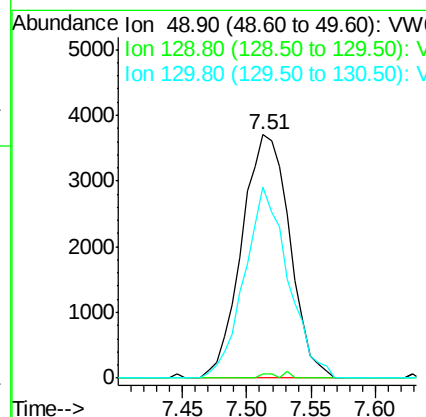
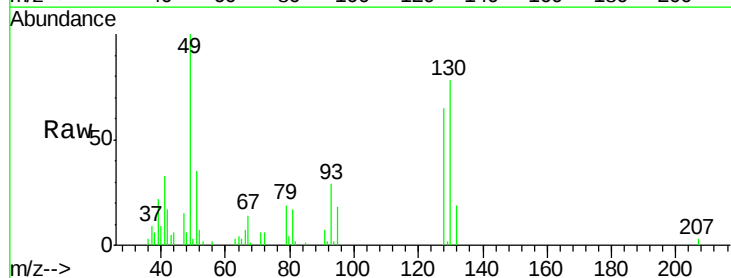
Tot Ion: 96 Resp: 13620
Ion Ratio Lower Upper
96 100
61 156.3 0.0 298.8
98 63.1 0.0 130.4

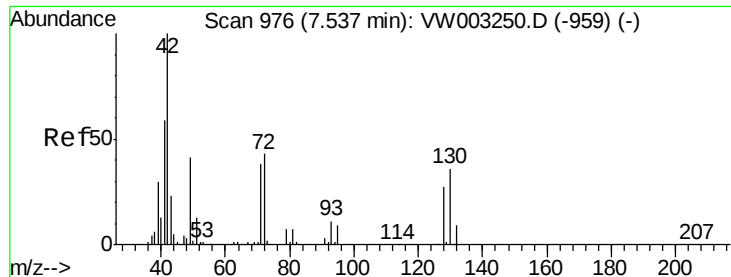


#28

Bromochloromethane
Concen: 5.360 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 49 Resp: 9551
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.6
130 71.8 59.4 89.2

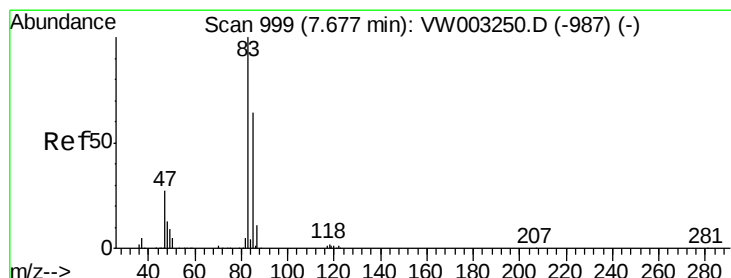
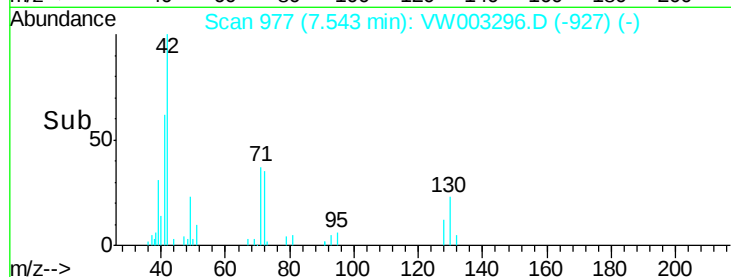
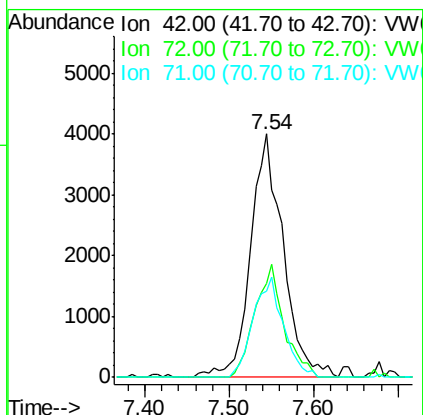
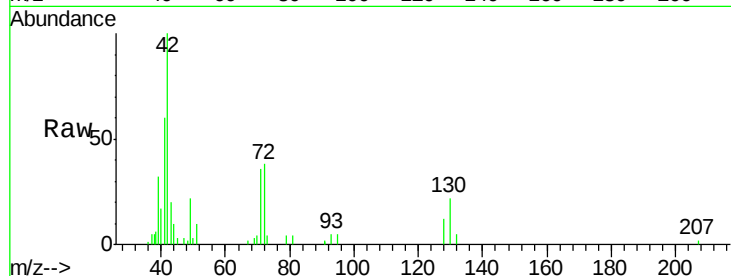




#29
Tetrahydrofuran
Concen: 26.643 ug/l
RT: 7.54 min Scan# 977
Delta R.T. 0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

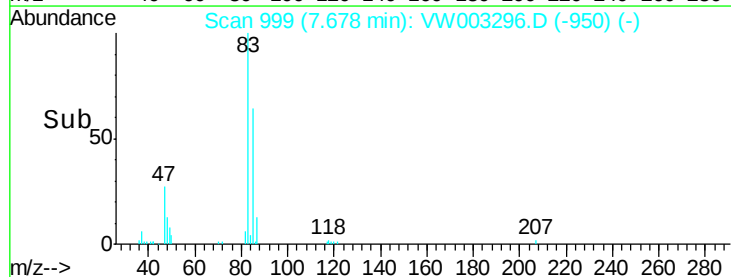
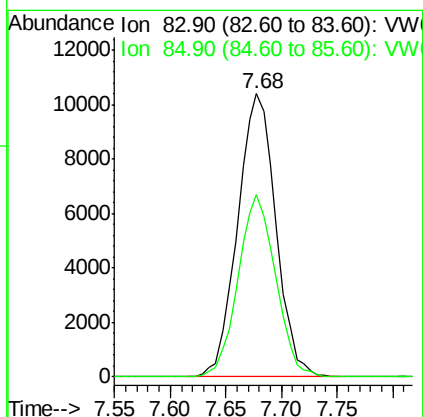
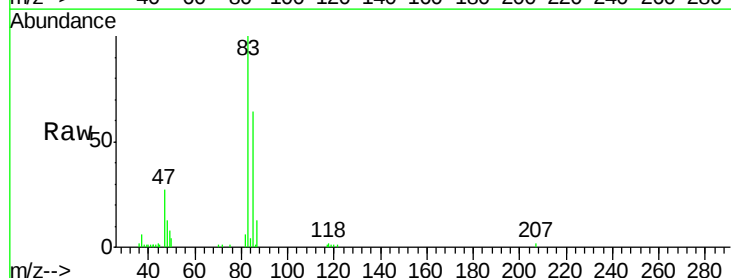
Instrument :
MSVOA_W
ClientSampleId :

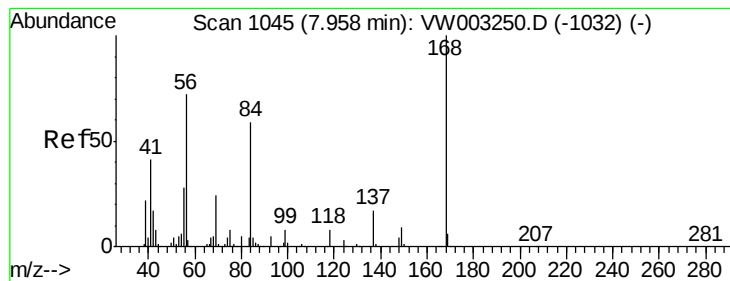
Tot Ion: 42 Resp: 10514
Ion Ratio Lower Upper
42 100
72 41.6 32.4 48.6
71 38.3 31.2 46.8



#30
Chloroform
Concen: 5.684 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 83 Resp: 24799
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9





#31

Cyclohexane

Concen: 6.081 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

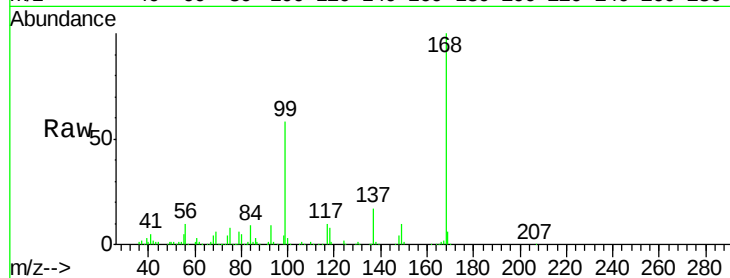
Tot Ion: 56 Resp: 24327

Ion Ratio Lower Upper

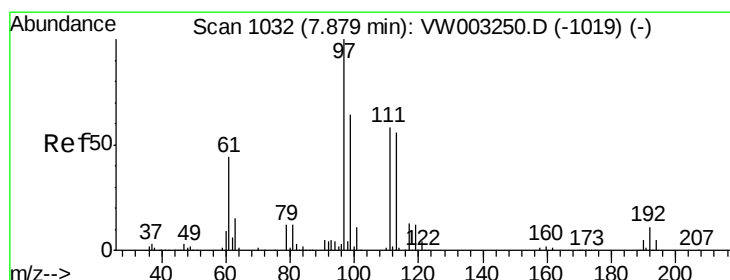
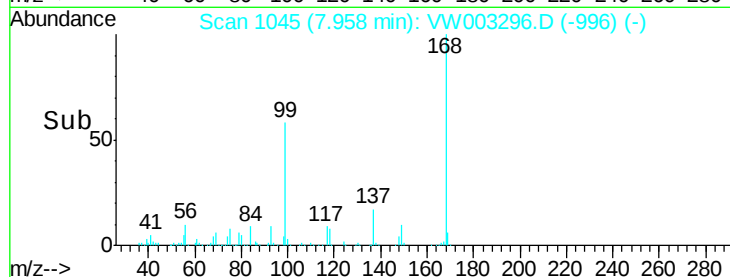
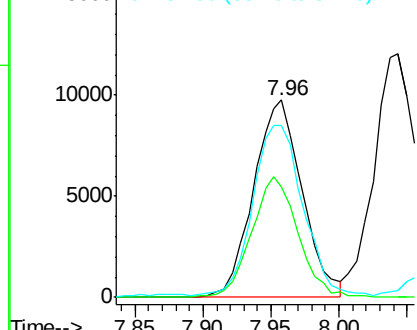
56 100

69 56.3 26.3 39.5#

84 86.2 65.7 98.5



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



#32

1,1,1-Trichloroethane

Concen: 5.426 ug/l

RT: 7.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

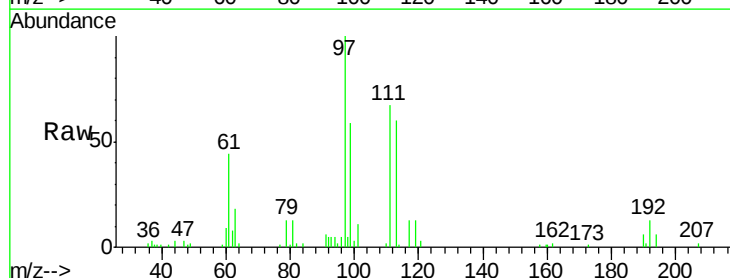
Tgt Ion: 97 Resp: 19540

Ion Ratio Lower Upper

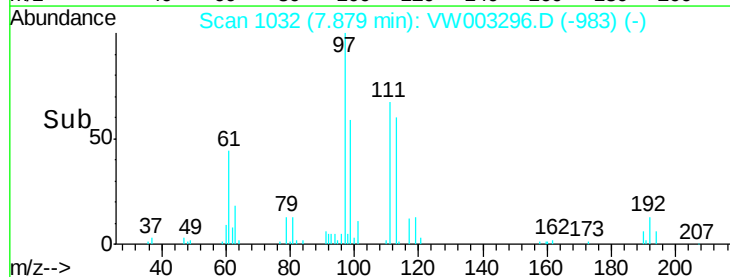
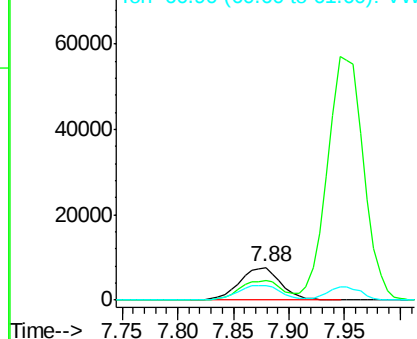
97 100

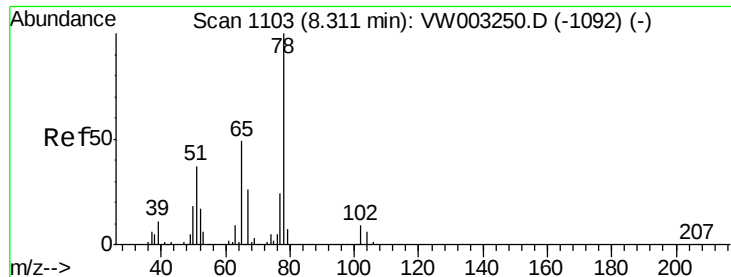
99 61.3 51.7 77.5

61 48.3 37.6 56.4



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

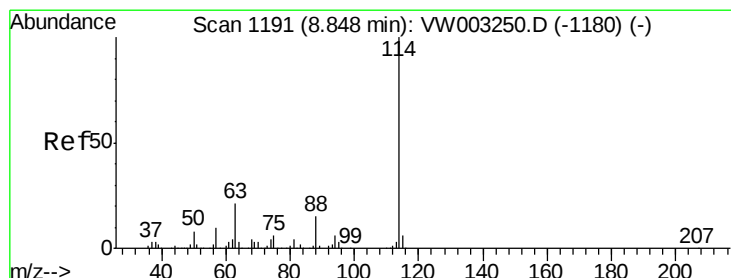
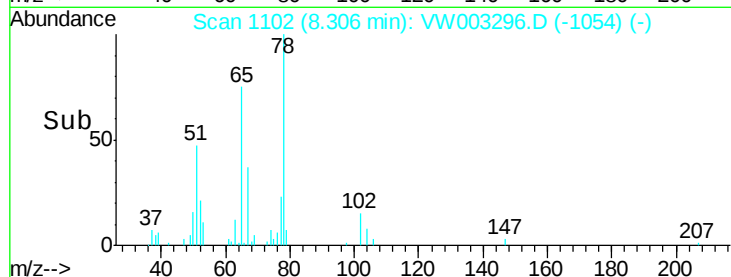
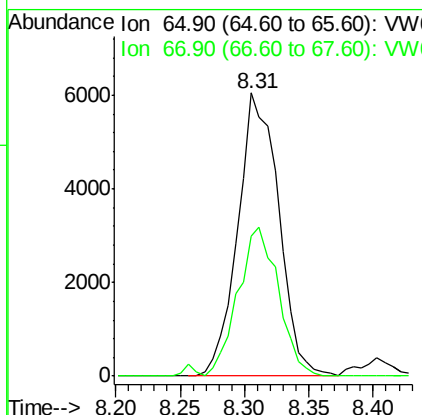
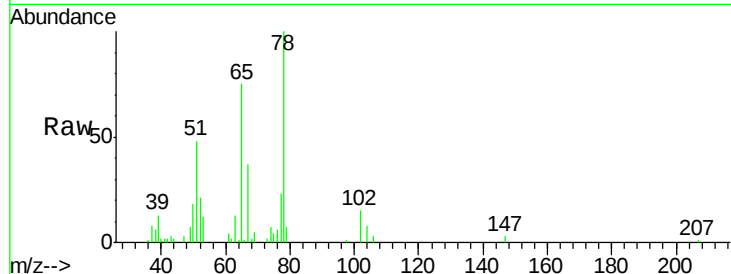




#33
 1,2-Dichloroethane-d4
 Concen: 5.373 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

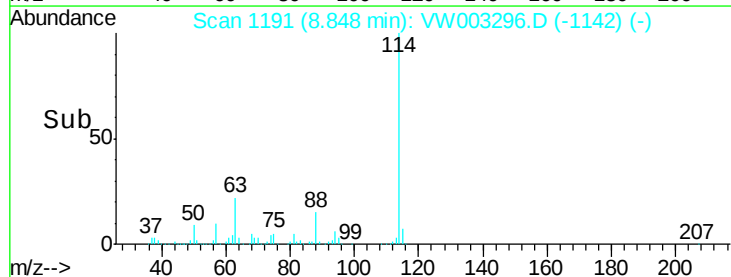
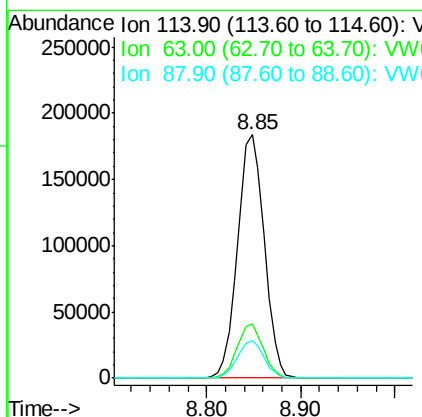
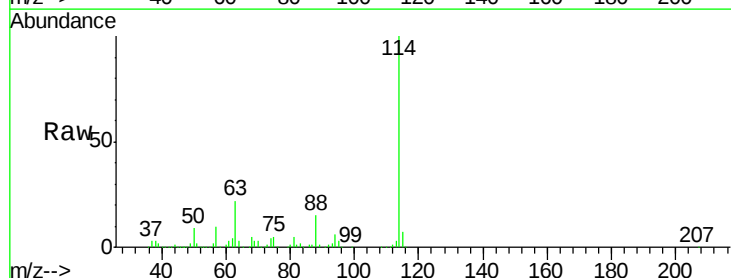
Instrument :
 MSVOA_W
 ClientSampleId :

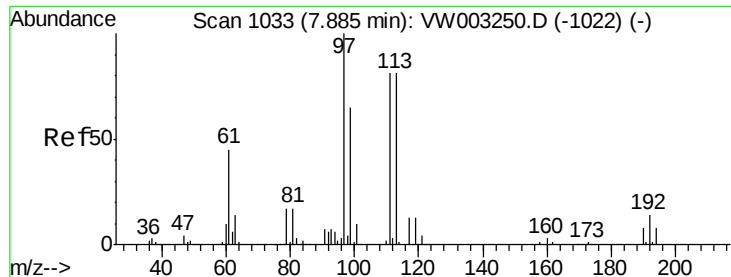
Tot Ion: 65 Resp: 13303
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion:114 Resp: 361222
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.0
 88 15.5 0.0 29.6

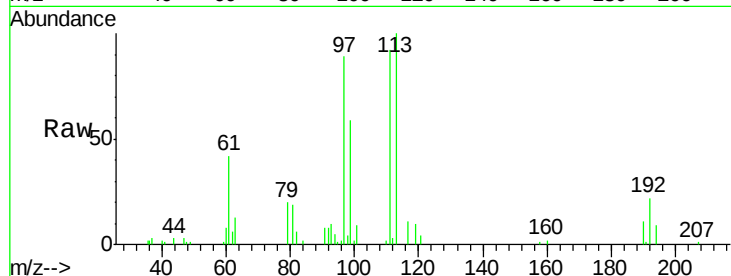




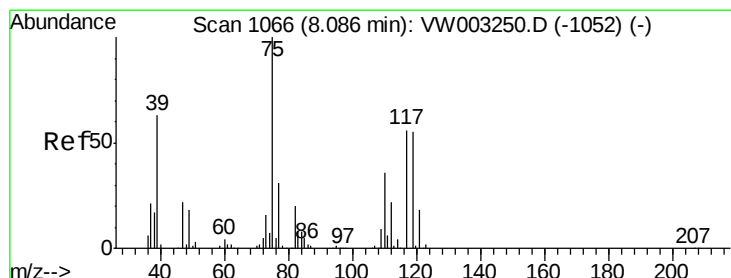
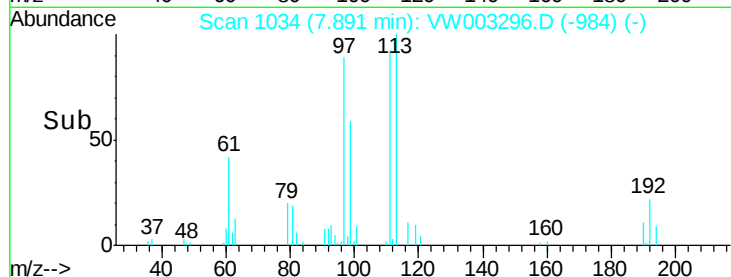
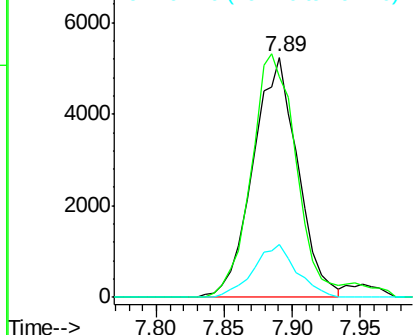
#35
 Dibromofluoromethane
 Concen: 5.364 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:113 Resp: 12040
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.2 123.2
 192 21.2 16.2 24.2

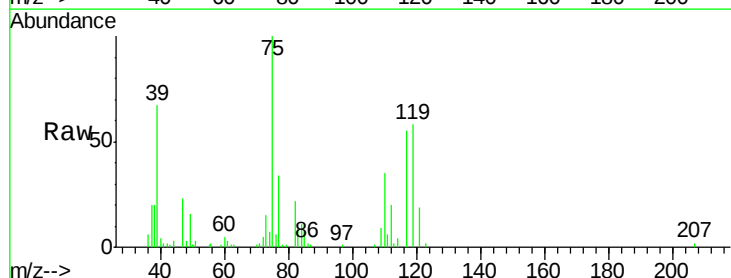


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

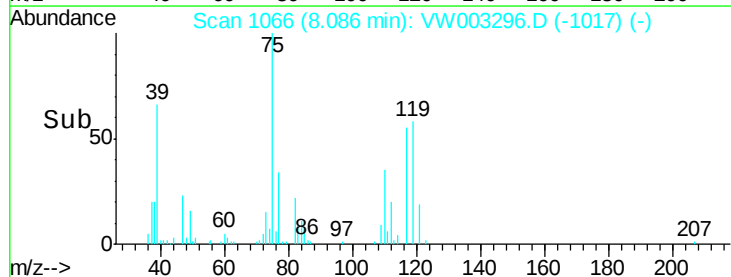
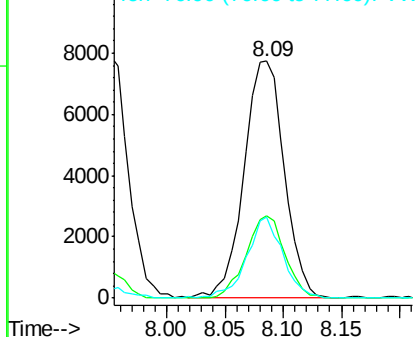


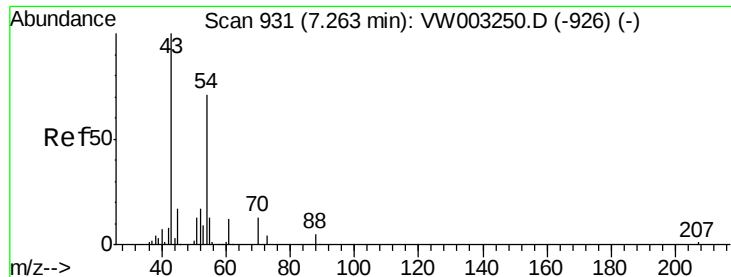
#36
 1,1-Dichloropropene
 Concen: 5.348 ug/l
 RT: 8.09 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion: 75 Resp: 18656
 Ion Ratio Lower Upper
 75 100
 110 33.4 17.1 51.3
 77 30.6 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

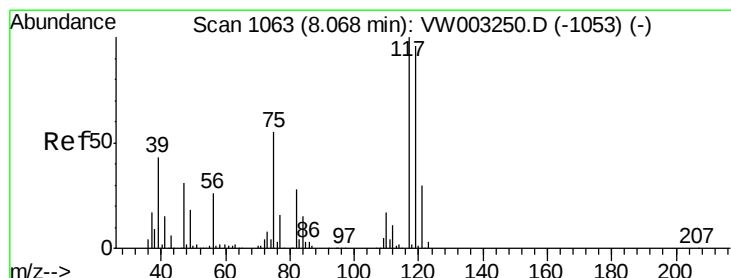
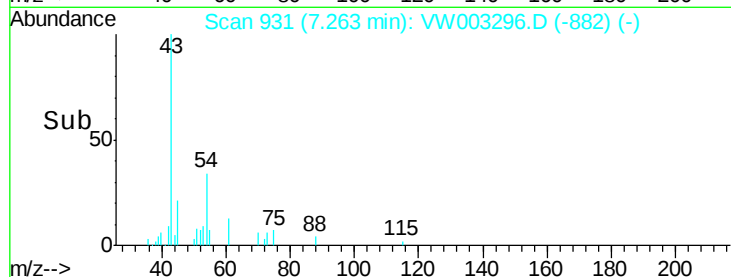
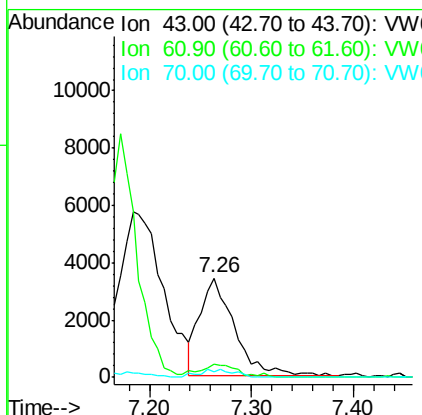
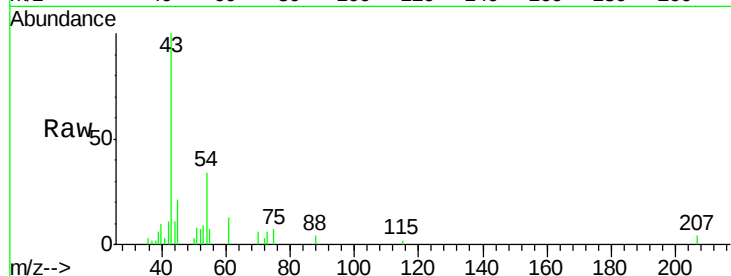




#37
Ethyl Acetate
Concen: 5.599 ug/l
RT: 7.26 min Scan# 931
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

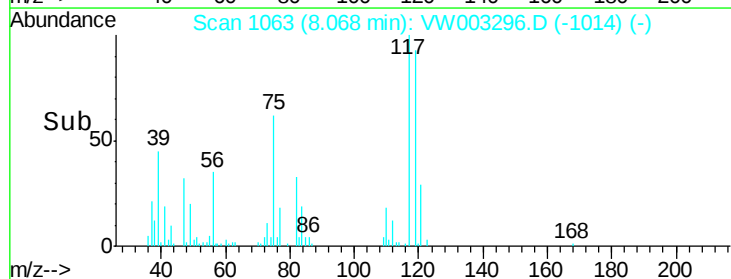
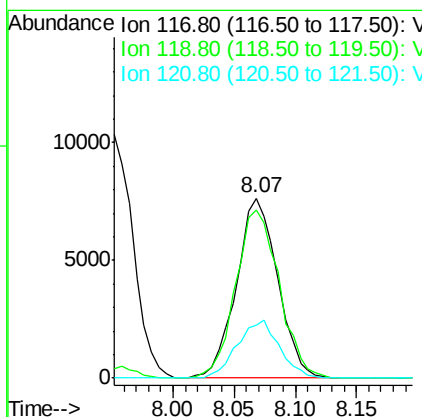
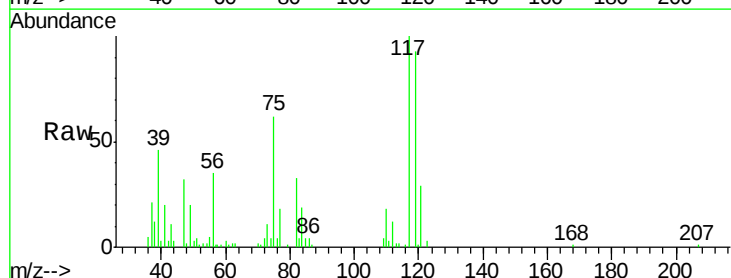
Instrument :
MSVOA_W
ClientSampled :

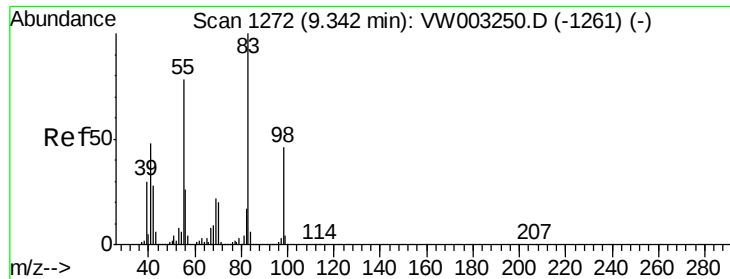
Tot Ion: 43 Resp: 8092
Ion Ratio Lower Upper
43 100
61 15.2 10.8 16.2
70 8.1 7.8 11.6



#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 117 Resp: 17955
Ion Ratio Lower Upper
117 100
119 93.2 76.6 115.0
121 29.3 23.9 35.9

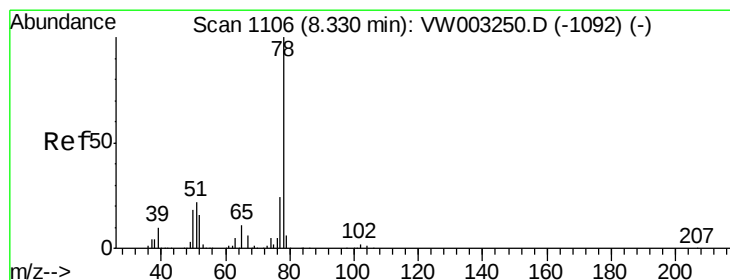
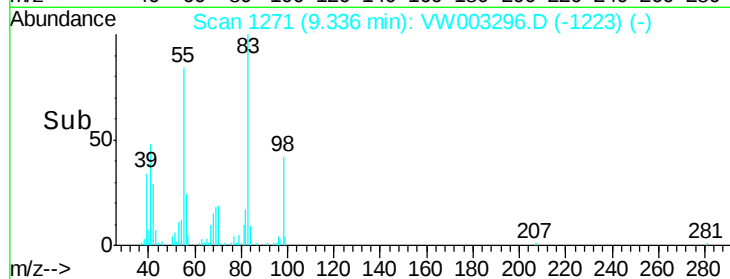
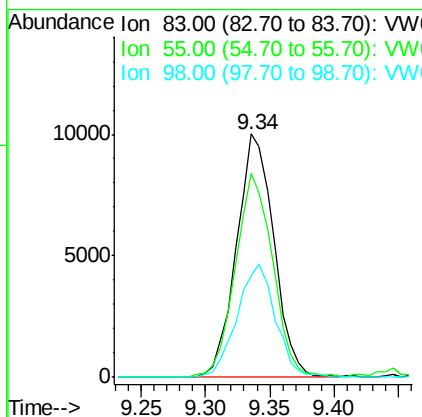
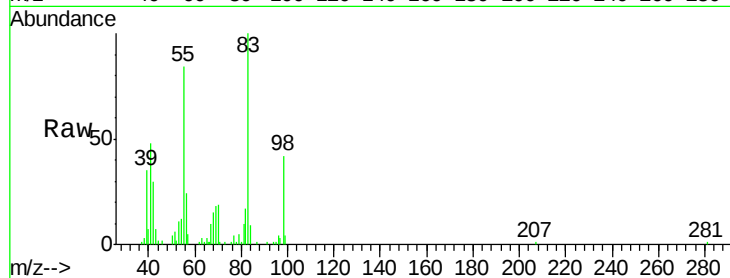




#39
Methvlcvclohexane
Concen: 4.997 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

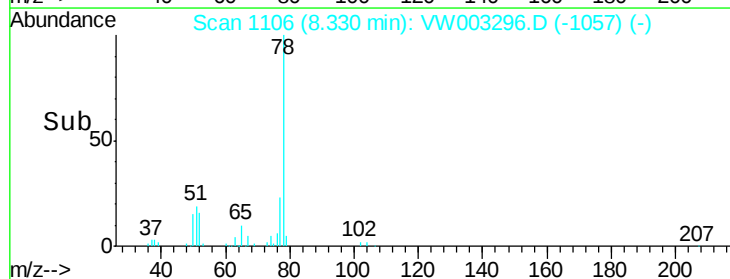
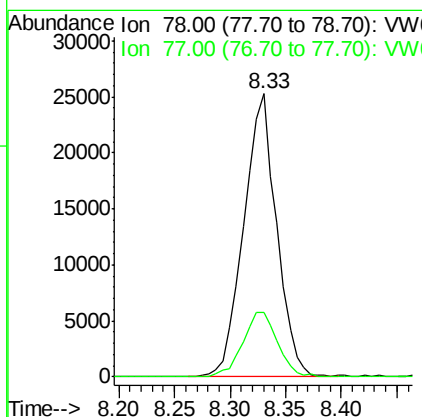
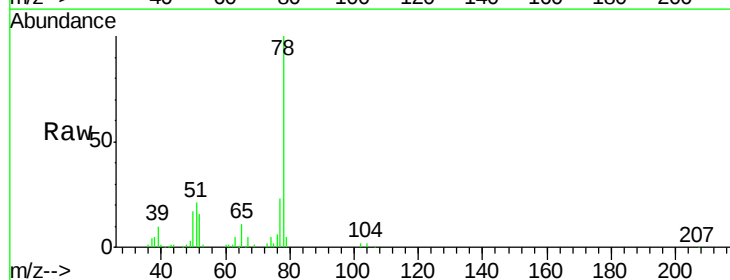
Instrument :
MSVOA_W
ClientSampleId :

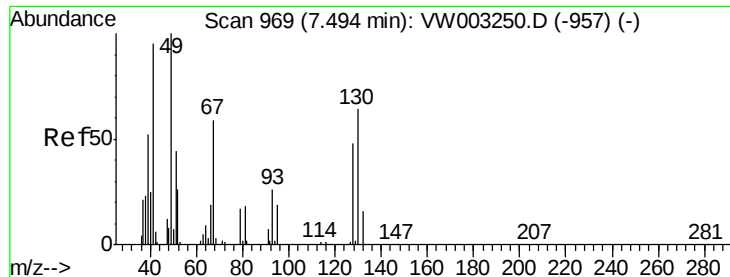
Tot Ion: 83 Resp: 20170
Ion Ratio Lower Upper
83 100
55 83.8 62.6 93.8
98 41.7 37.0 55.4



#40
Benzene
Concen: 5.406 ug/l
RT: 8.33 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 78 Resp: 51982
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

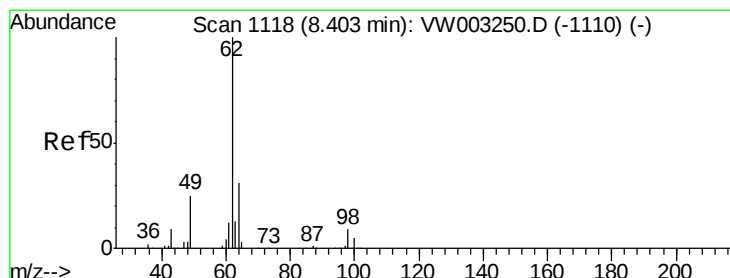
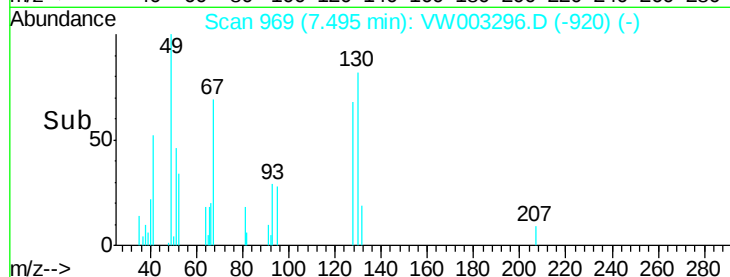
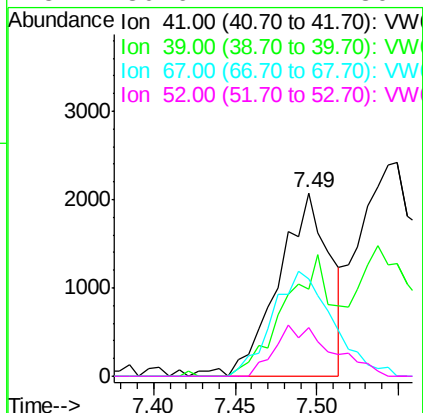
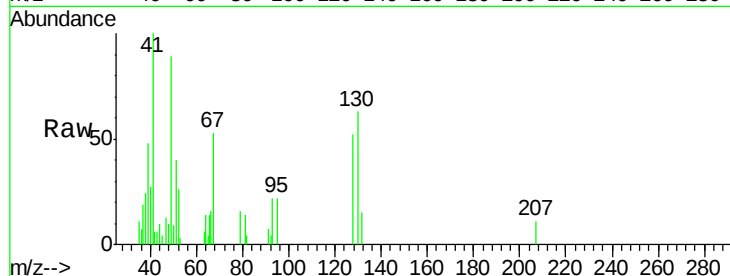




#41
Methacrylonitrile
Concen: 5.151 ug/l
RT: 7.49 min Scan# 969
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

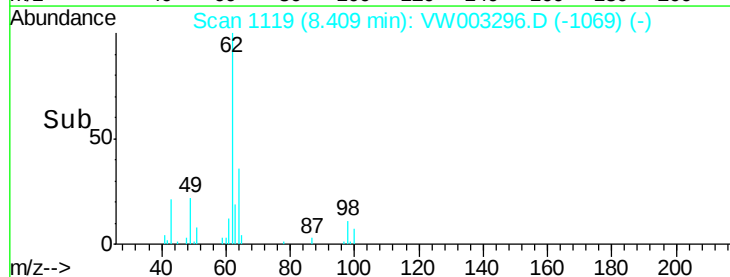
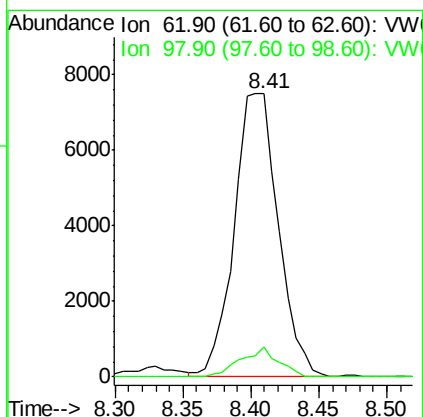
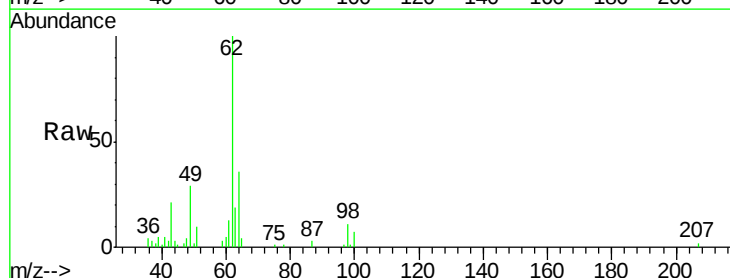
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	4568
Ion	Ratio	Lower	Upper
41	100		
39	66.7	45.8	68.8
67	66.7	52.3	78.5
52	30.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 5.649 ug/l
RT: 8.41 min Scan# 1119
Delta R.T. 0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:	62	Resp:	17017
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 5.210 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

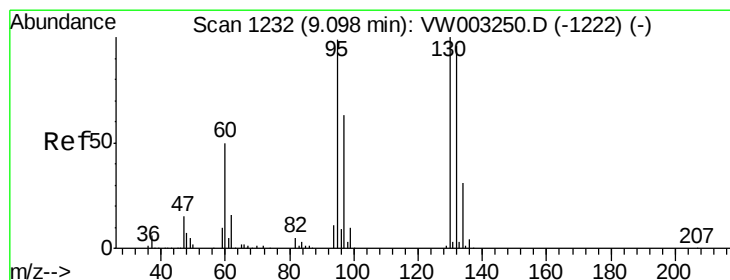
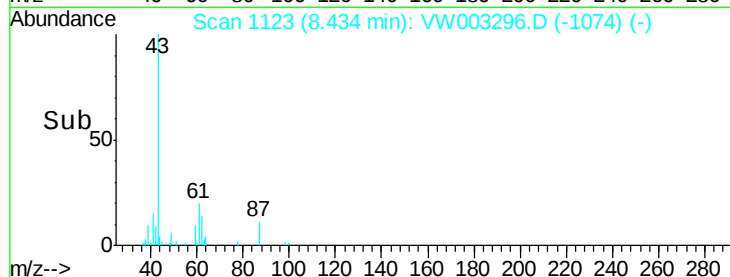
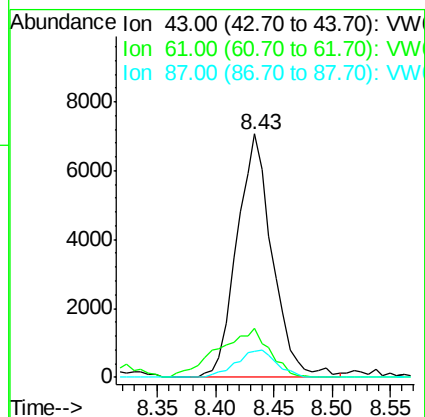
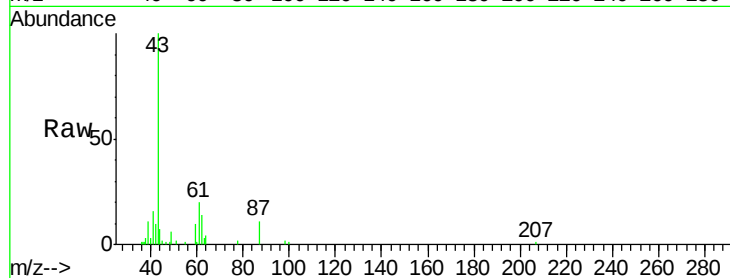
Tot Ion: 43 Resp: 14952

Ion Ratio Lower Upper

43 100

61 29.0 23.1 34.7

87 12.7 9.8 14.6



#44

Trichloroethene

Concen: 5.483 ug/l

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW003296.D

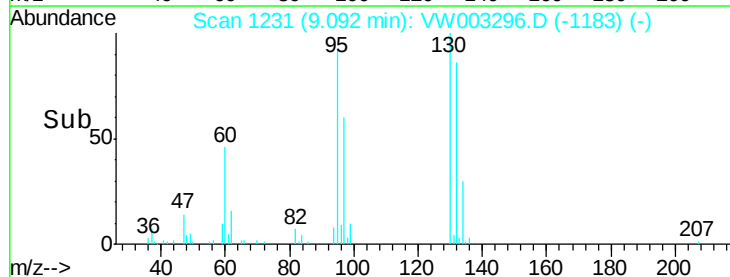
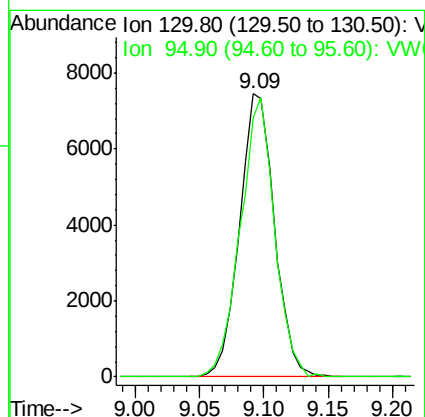
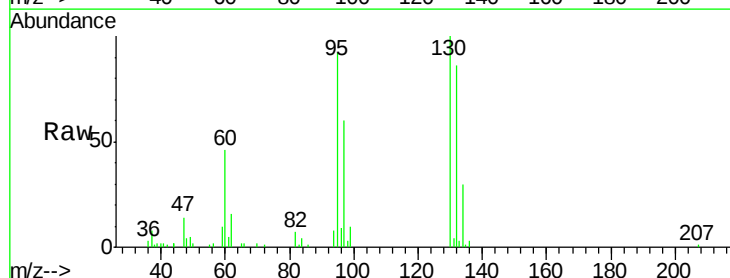
Acq: 15 Jun 2018 17:09

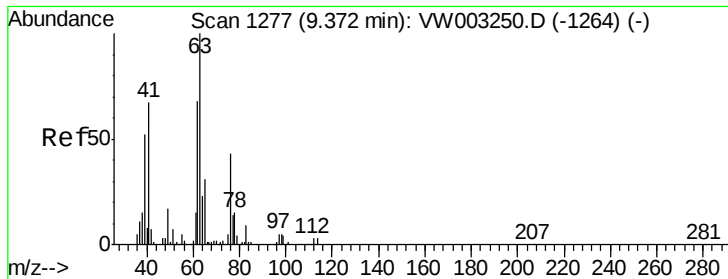
Tgt Ion: 130 Resp: 13971

Ion Ratio Lower Upper

130 100

95 91.6 0.0 198.0





#45

1,2-Dichloropropane

Concen: 5.320 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

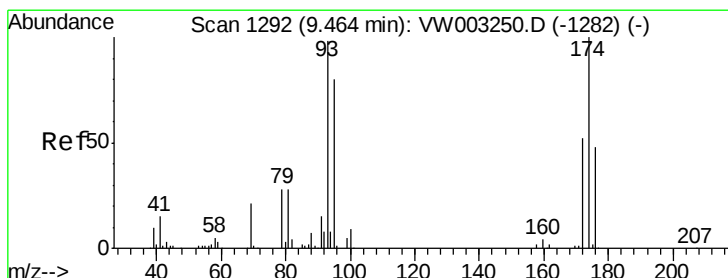
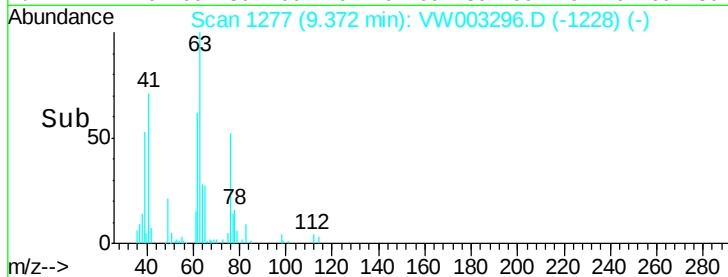
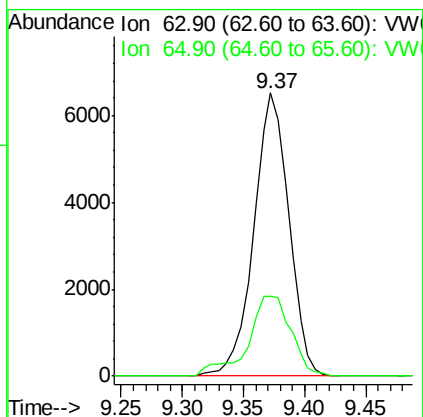
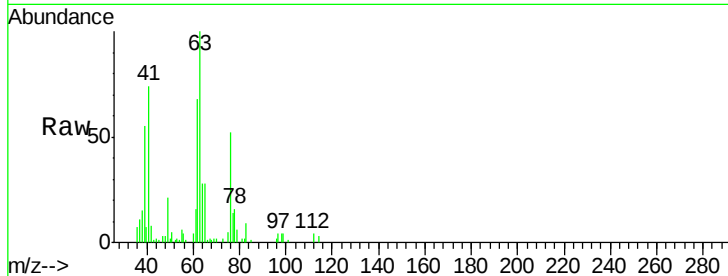
ClientSampleId :

Tot Ion: 63 Resp: 13024

Ion Ratio Lower Upper

63 100

65 28.3 25.1 37.7



#46

Dibromomethane

Concen: 5.711 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

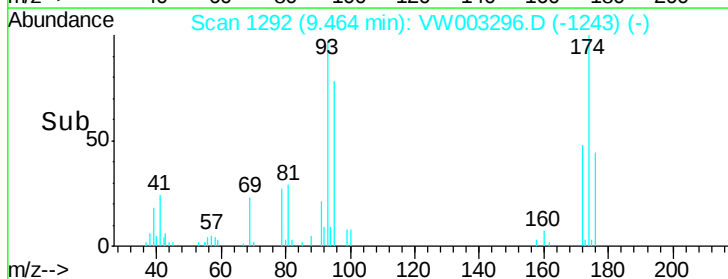
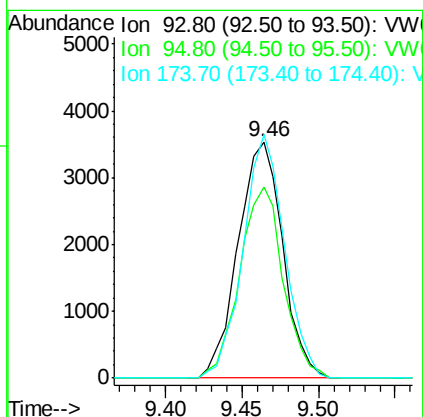
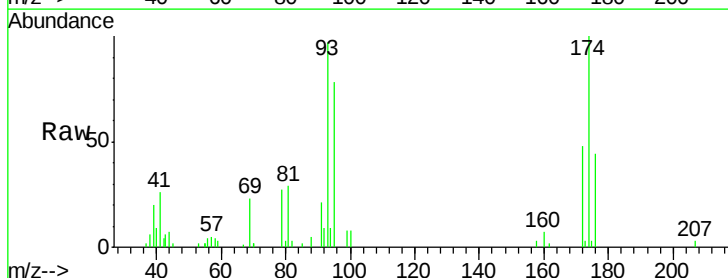
Tgt Ion: 93 Resp: 7158

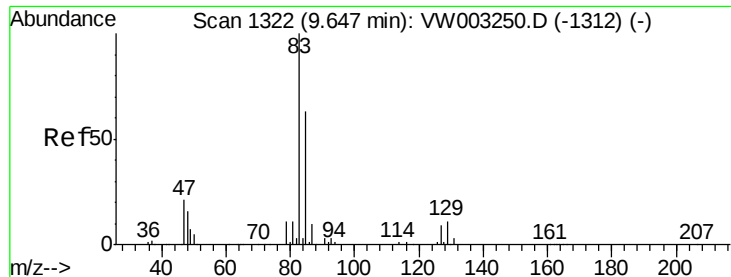
Ion Ratio Lower Upper

93 100

95 78.9 65.8 98.8

174 95.8 81.4 122.0





#47

Bromodichloromethane

Concen: 5.329 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampleId :

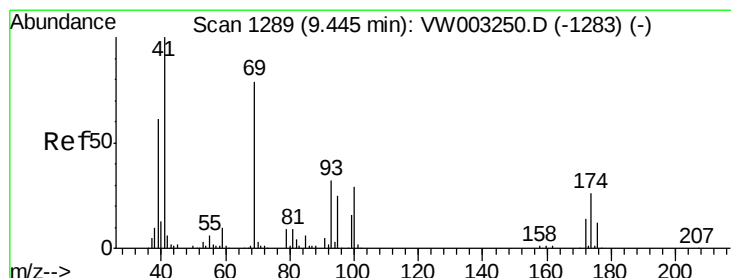
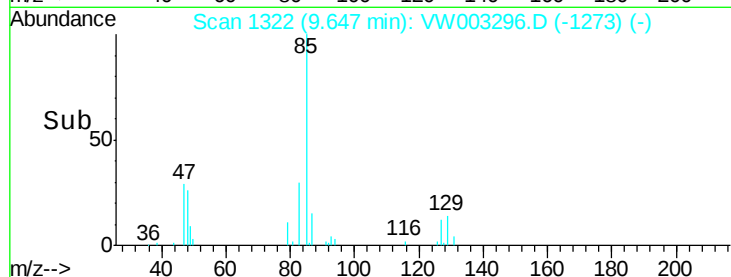
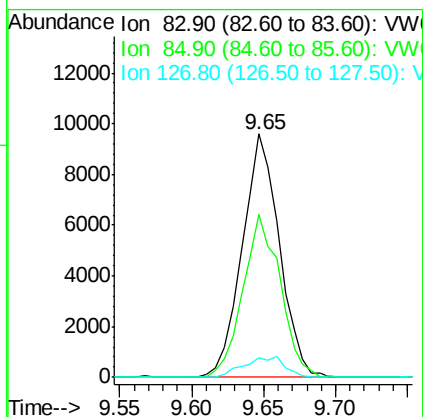
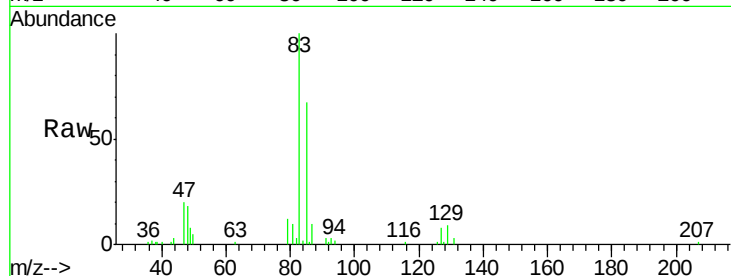
Tot Ion: 83 Resp: 17122

Ion Ratio Lower Upper

83 100

85 66.9 50.6 75.8

127 8.0 6.8 10.2



#48

Methyl methacrylate

Concen: 4.970 ug/l

RT: 9.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

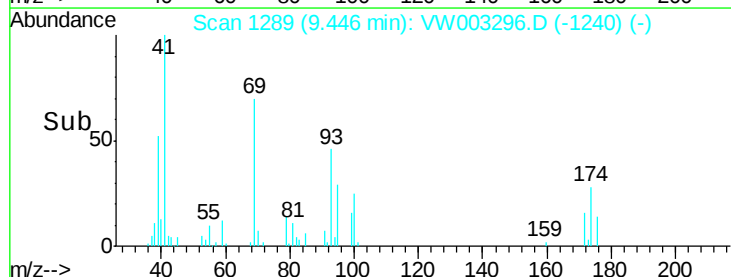
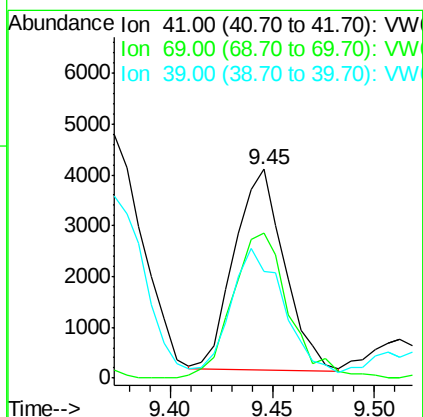
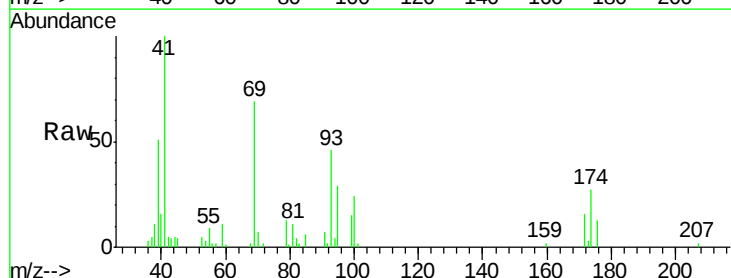
Tgt Ion: 41 Resp: 6702

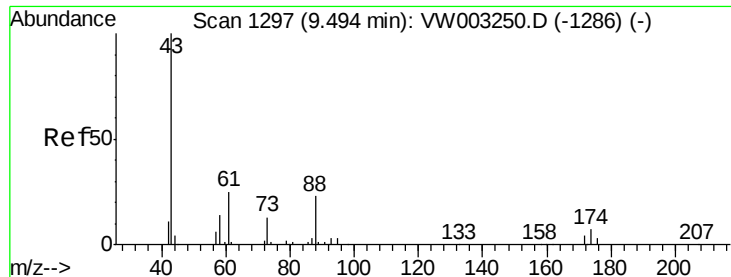
Ion Ratio Lower Upper

41 100

69 81.7 65.4 98.2

39 69.1 54.2 81.2

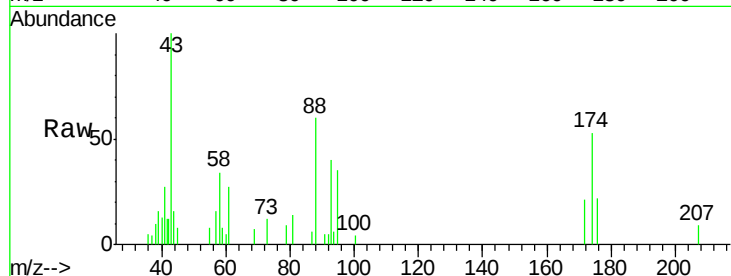




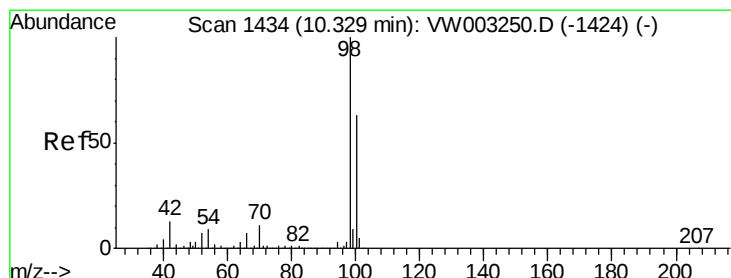
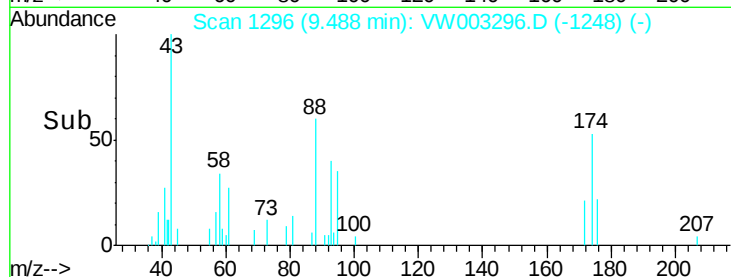
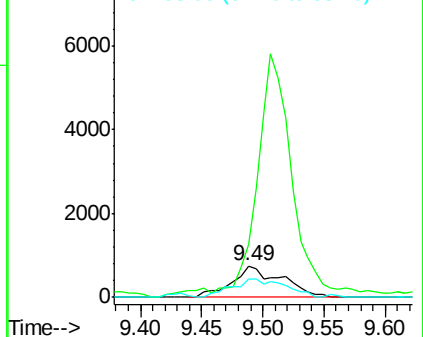
#49
1,4-Dioxane
Concen: 110.958 ug/l
RT: 9.49 min Scan# 1296
Delta R.T. -0.01 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 88 Resp: 2100
Ion Ratio Lower Upper
88 100
43 533.8 454.7 682.1
58 63.6 58.6 88.0

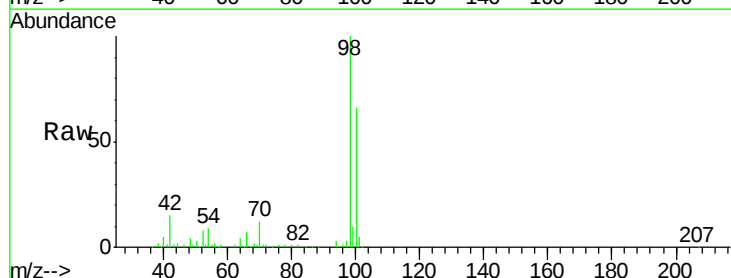


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

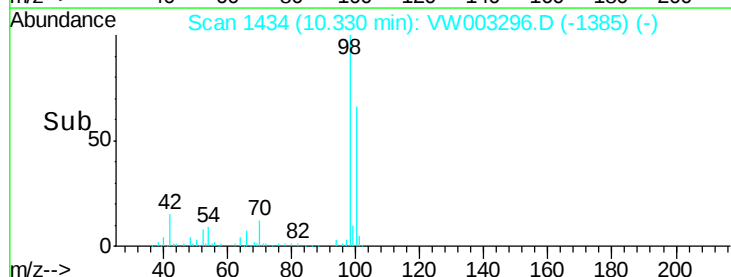
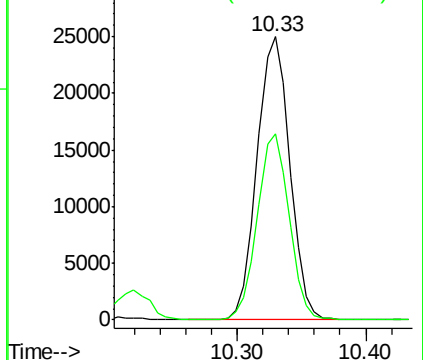


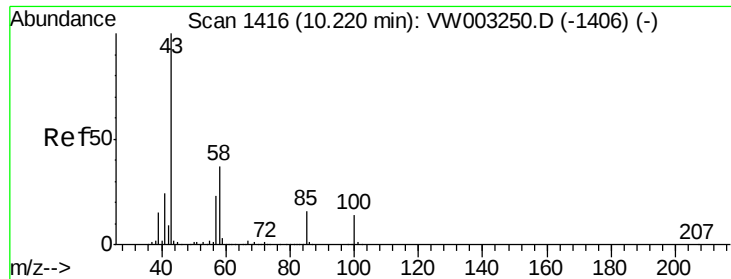
#50
Toluene-d8
Concen: 4.939 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 98 Resp: 43961
Ion Ratio Lower Upper
98 100
100 64.2 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 25.483 ug/l

RT: 10.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

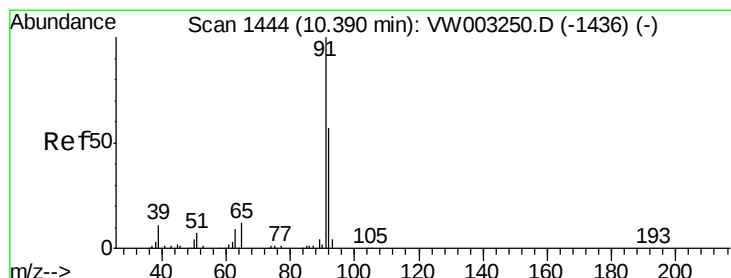
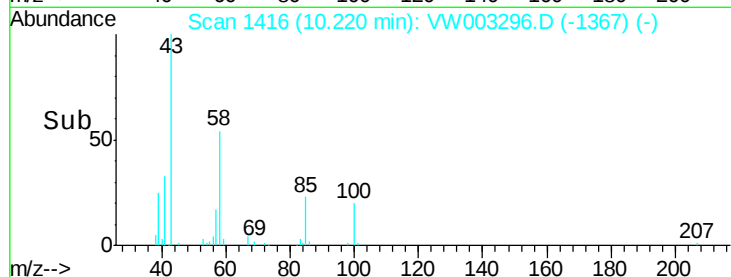
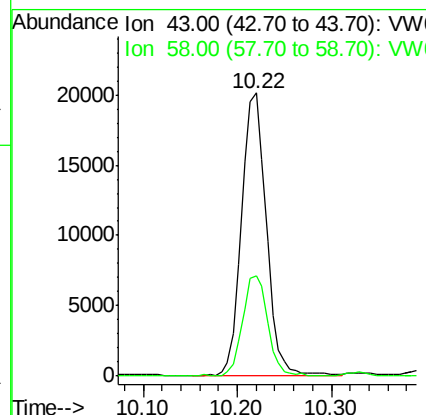
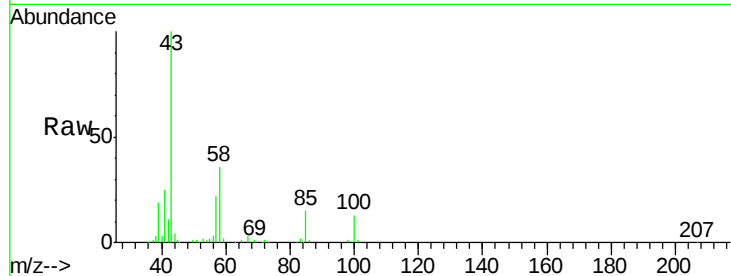
ClientSampled :

Tot Ion: 43 Resp: 37262

Ion Ratio Lower Upper

43 100

58 35.5 29.0 43.4



#52

Toluene

Concen: 5.003 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003296.D

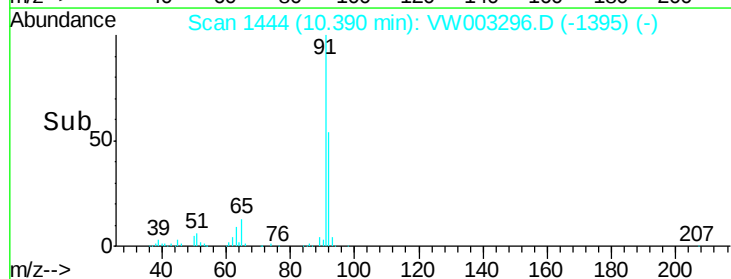
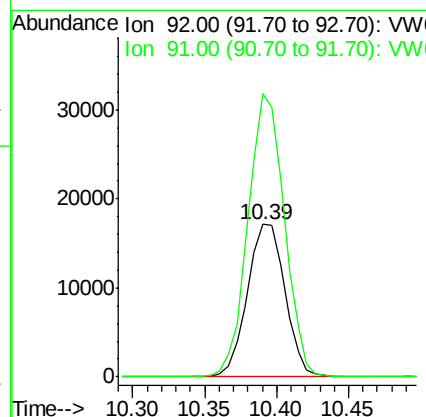
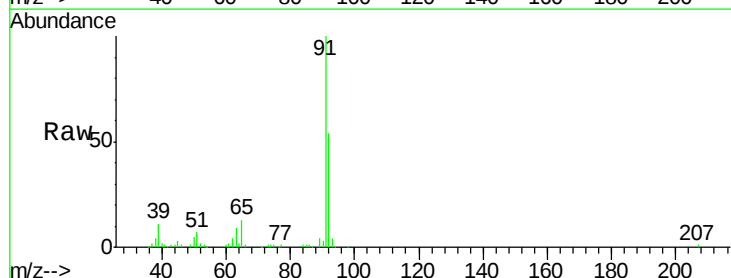
Acq: 15 Jun 2018 17:09

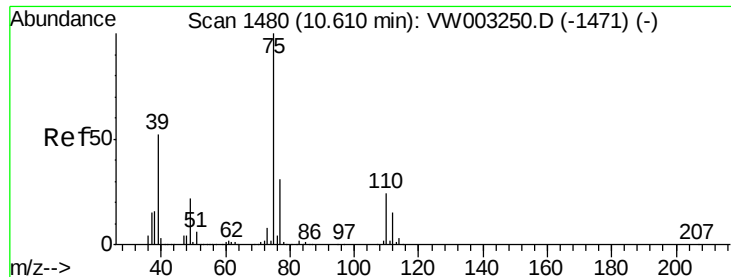
Tgt Ion: 92 Resp: 30847

Ion Ratio Lower Upper

92 100

91 180.2 141.1 211.7





#53

t-1,3-Dichloropropene

Concen: 4.894 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

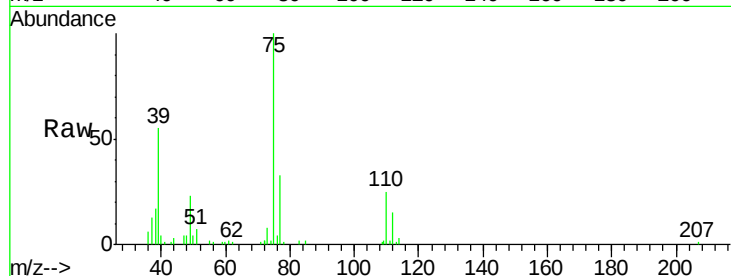
ClientSampled :

Tot Ion: 75 Resp: 16062

Ion Ratio Lower Upper

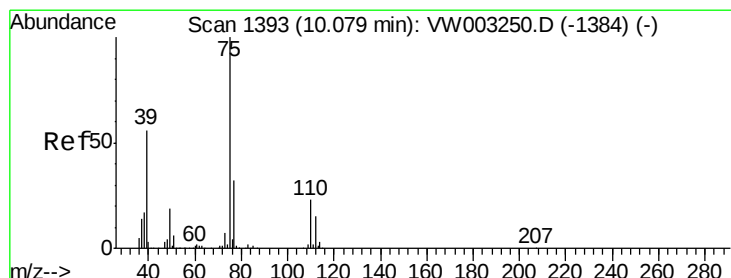
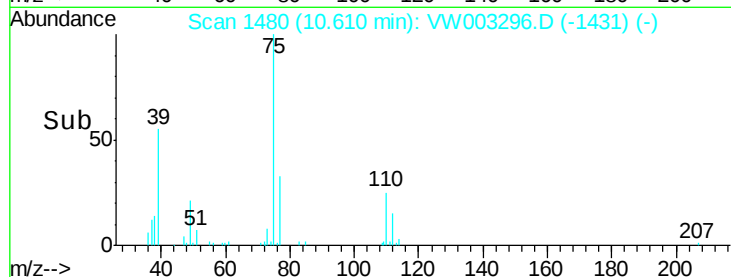
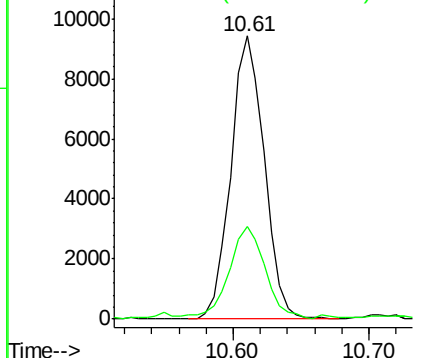
75 100

77 32.1 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 5.007 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

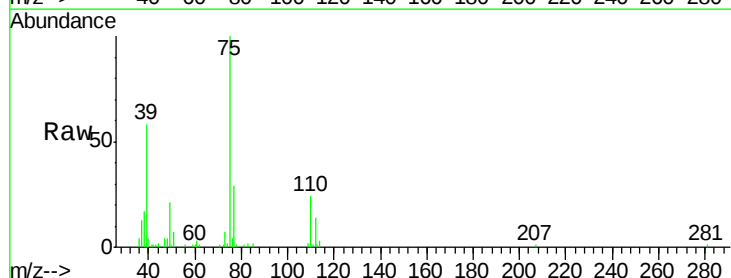
Tgt Ion: 75 Resp: 18705

Ion Ratio Lower Upper

75 100

77 28.8 25.8 38.6

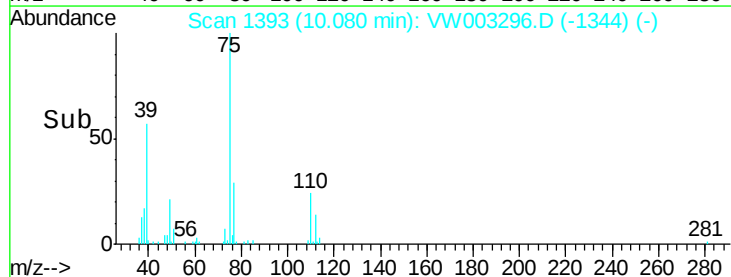
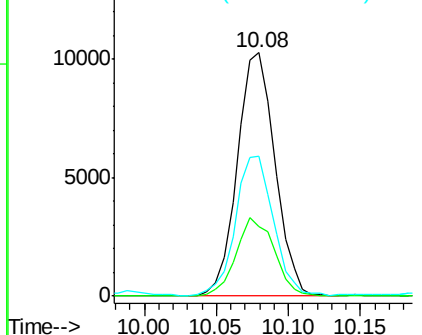
39 57.6 45.2 67.8

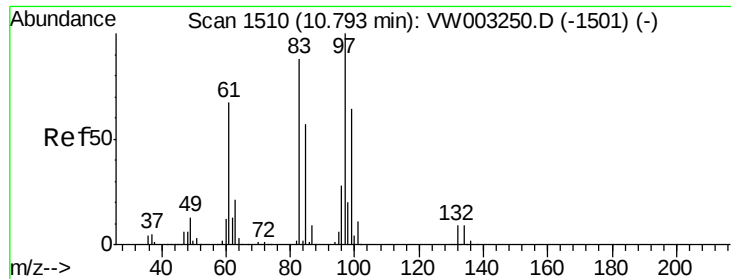


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

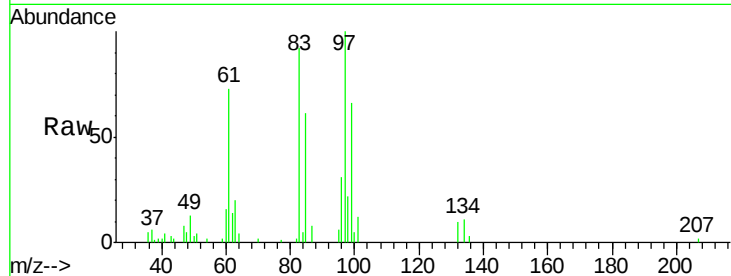




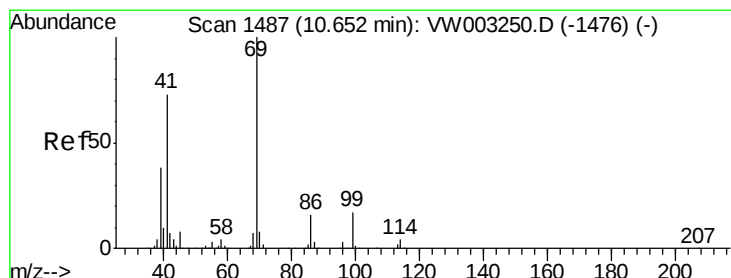
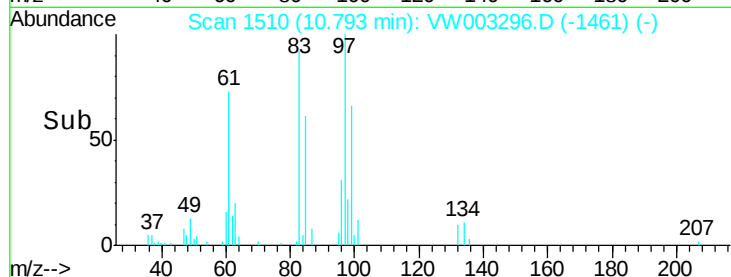
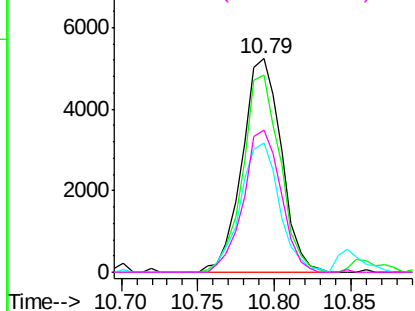
#55
 1,1,2-Trichloroethane
 Concen: 5.280 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	9326
Ion	Ratio	Lower	Upper
97	100		
83	92.1	70.2	105.2
85	60.8	45.6	68.4
99	66.4	51.2	76.8

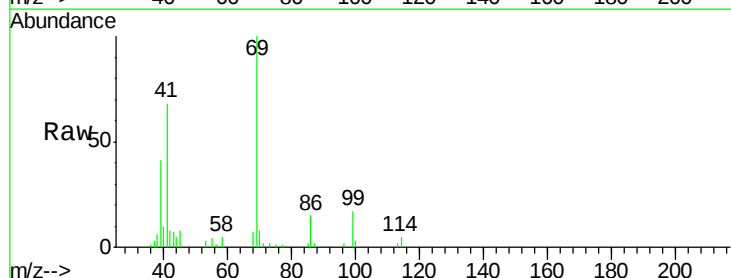


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

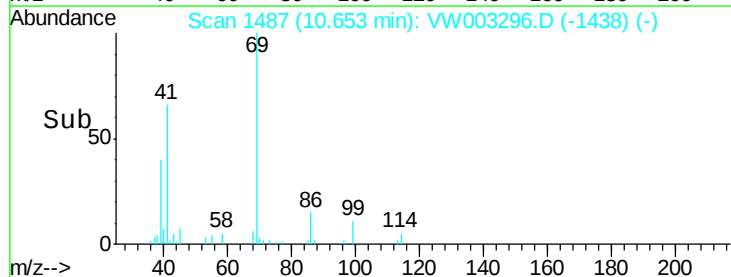
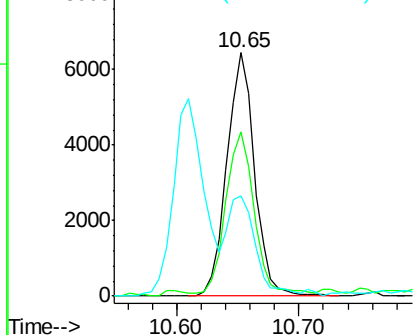


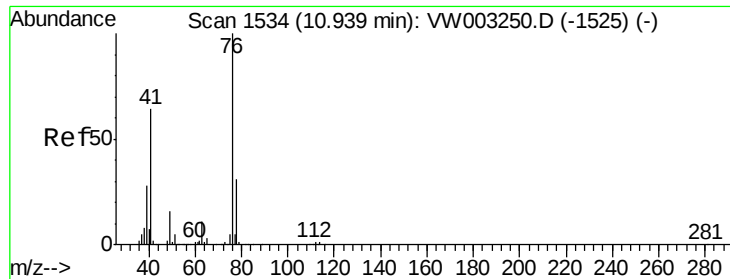
#56
 Ethyl methacrylate
 Concen: 4.693 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion:	69	Resp:	10067
Ion	Ratio	Lower	Upper
69	100		
41	67.4	57.8	86.6
39	40.2	32.7	49.1



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

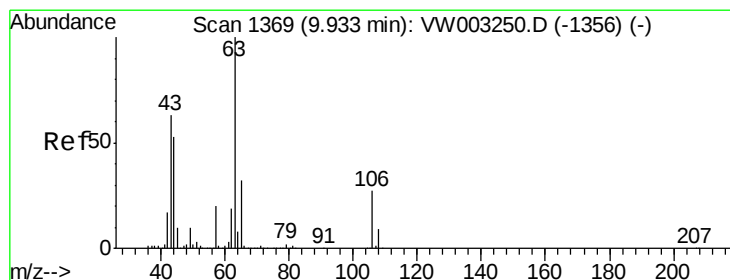
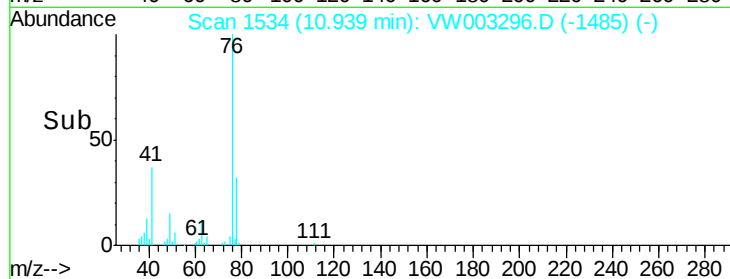
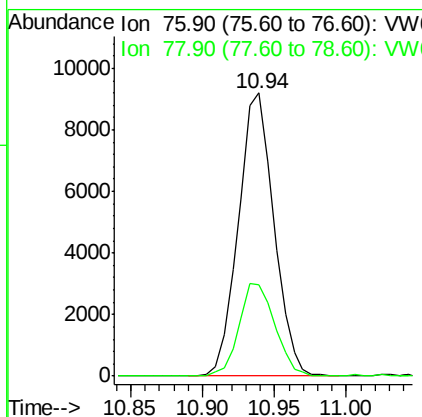
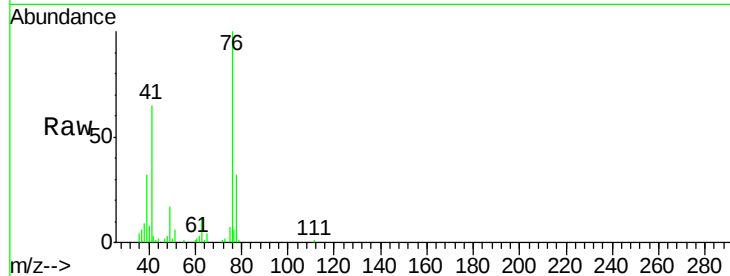




#57
 1,3-Dichloropropane
 Concen: 5.179 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

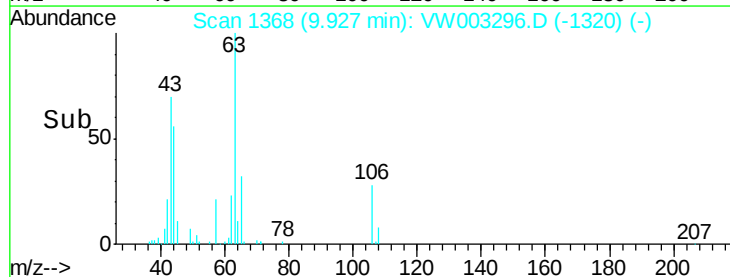
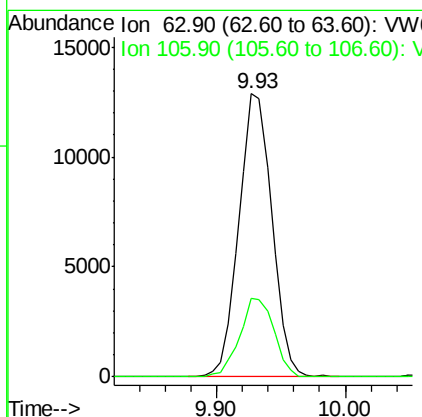
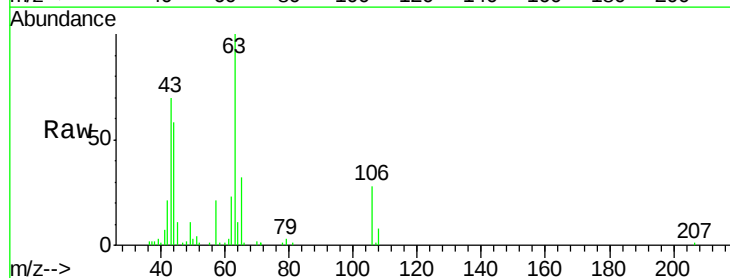
Instrument :
 MSVOA_W
 ClientSampled :

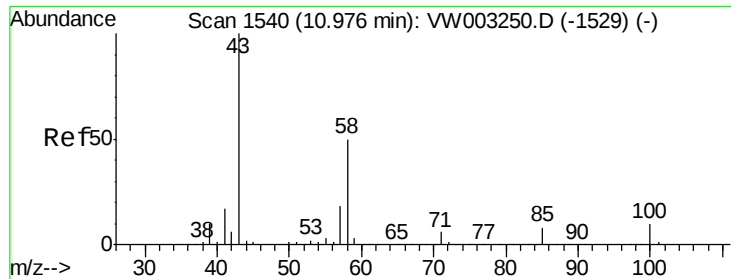
Tot Ion: 76 Resp: 15777
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 23.758 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.01 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion: 63 Resp: 22844
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8

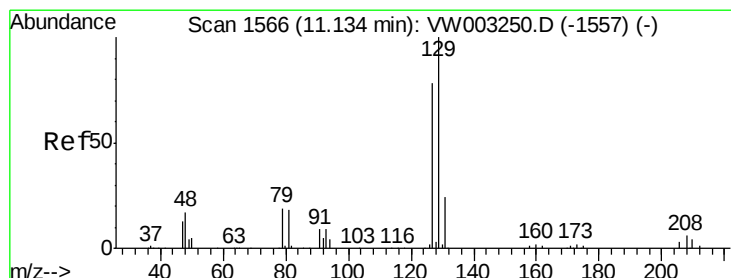
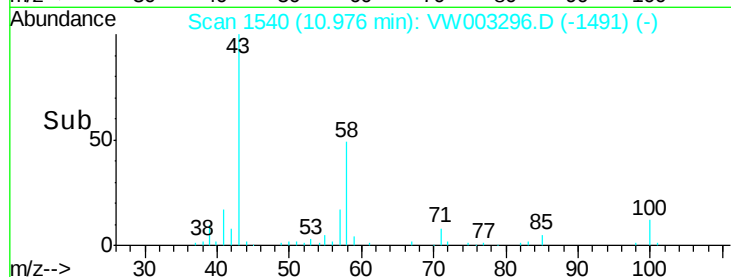
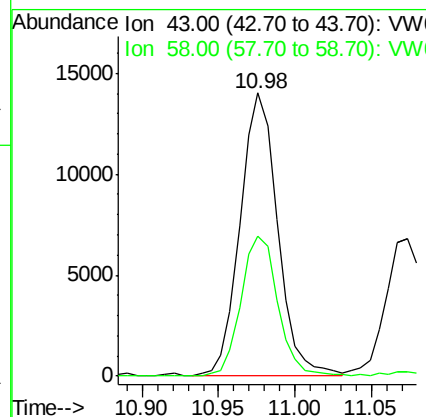
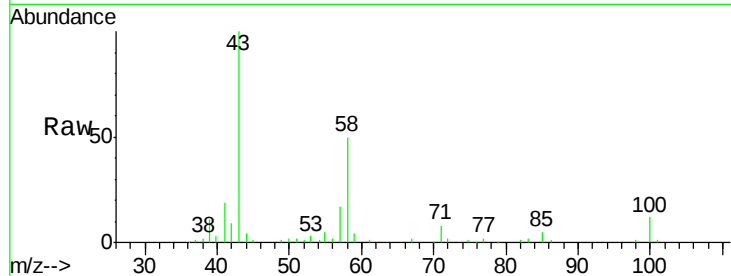




#59
2-Hexanone
Concen: 23.519 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

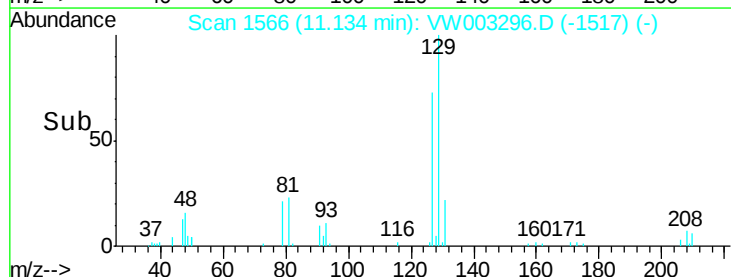
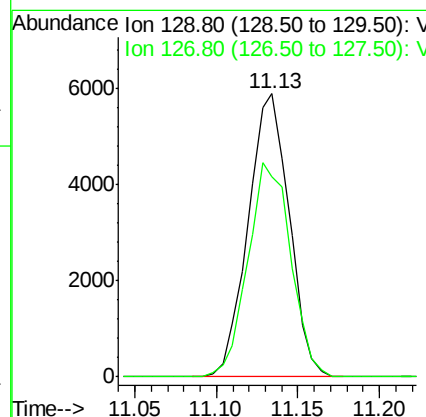
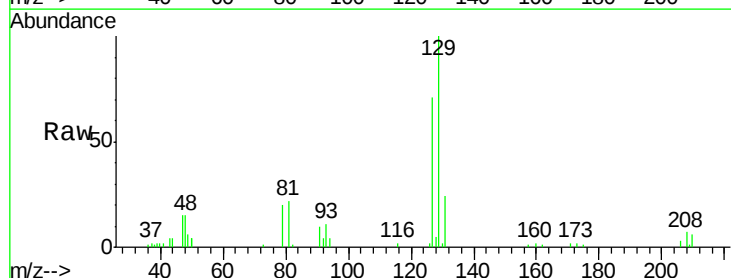
Instrument :
MSVOA_W
ClientSampled :

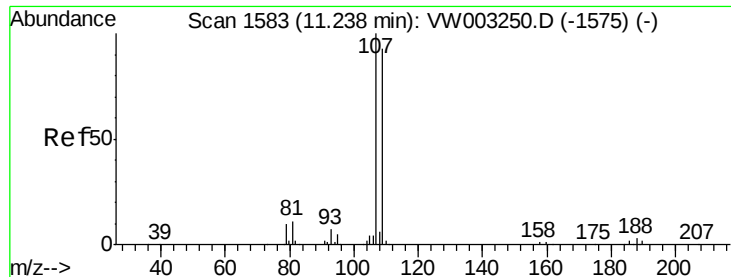
Tot Ion: 43 Resp: 24024
Ion Ratio Lower Upper
43 100
58 48.2 25.0 75.0



#60
Dibromochloromethane
Concen: 4.915 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 129 Resp: 10324
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.5

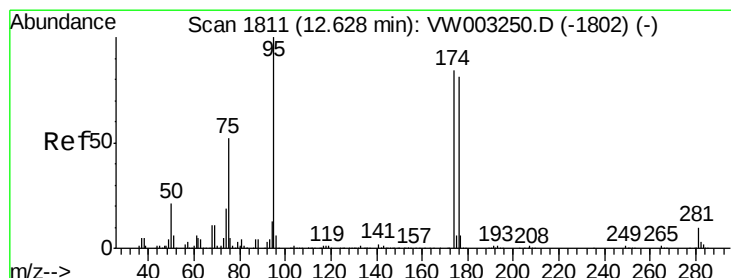
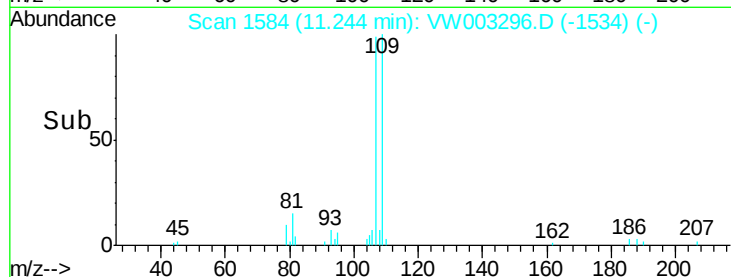
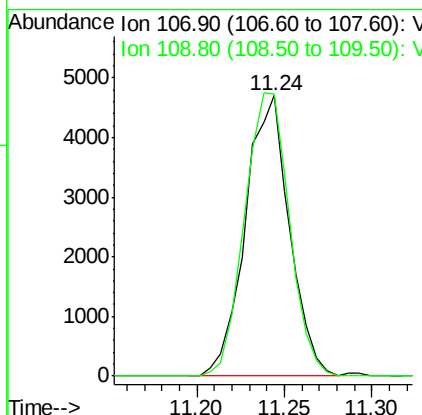
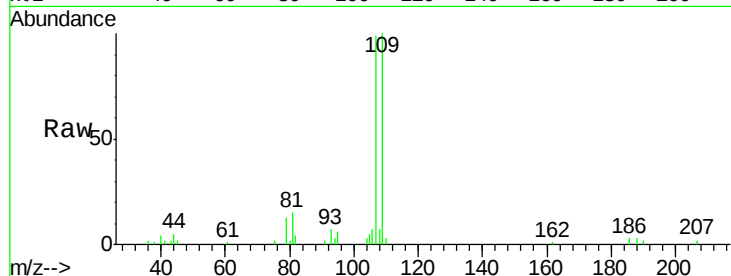




#61
 1,2-Dibromoethane
 Concen: 4.917 ug/l
 RT: 11.24 min Scan# 1584
 Delta R.T. 0.01 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

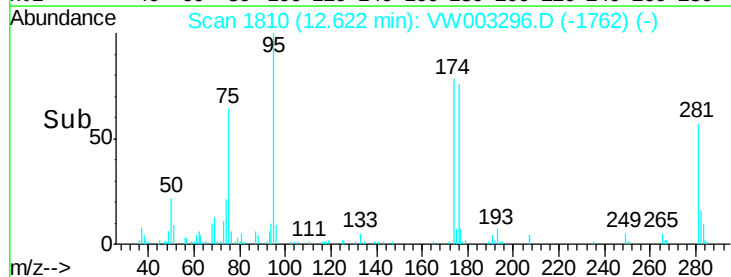
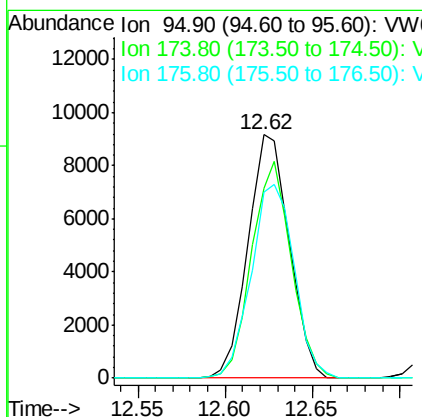
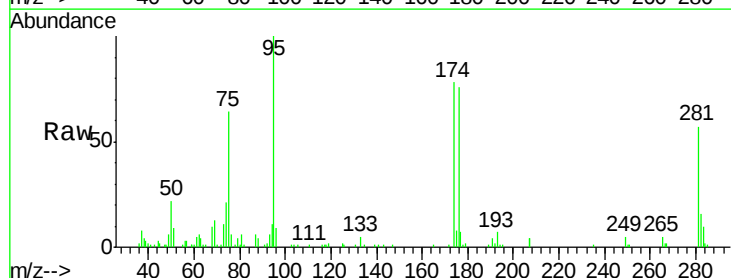
Instrument :
 MSVOA_W
 ClientSampled :

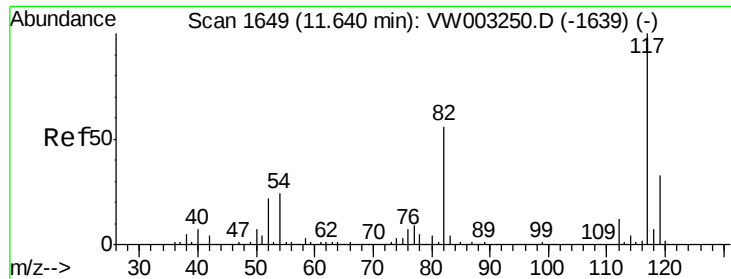
Tot Ion: 107 Resp: 8216
 Ion Ratio Lower Upper
 107 100
 109 102.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.778 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion: 95 Resp: 15048
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 166.4
 176 83.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

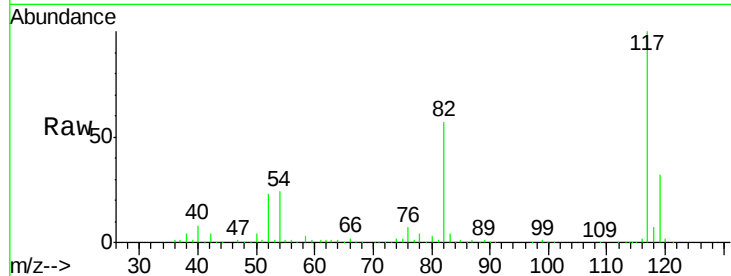
Tot Ion:117 Resp: 332246

Ion Ratio Lower Upper

117 100

82 56.5 44.6 67.0

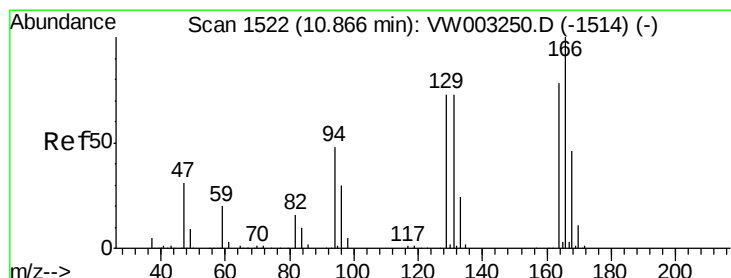
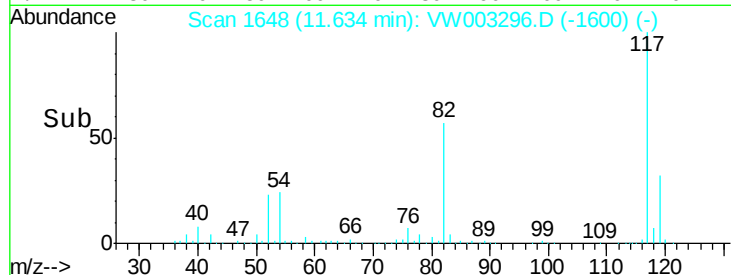
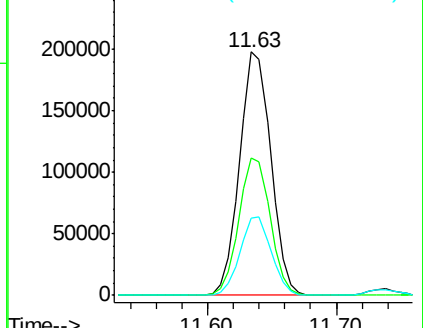
119 31.7 26.7 40.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.386 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Tgt Ion:164 Resp: 11970

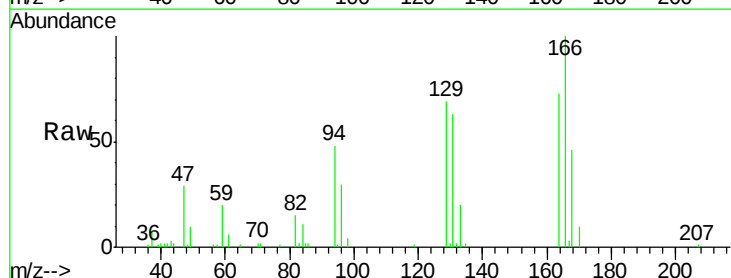
Ion Ratio Lower Upper

164 100

166 136.7 102.6 154.0

129 94.3 75.2 112.8

131 86.2 75.0 112.4

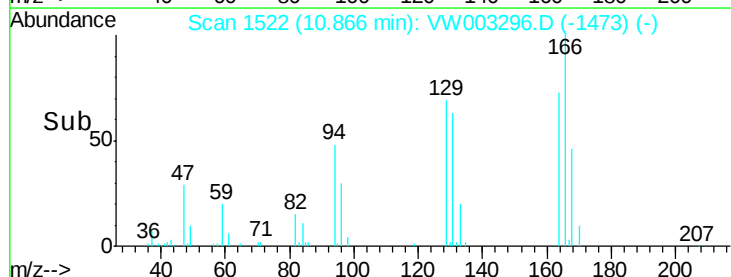
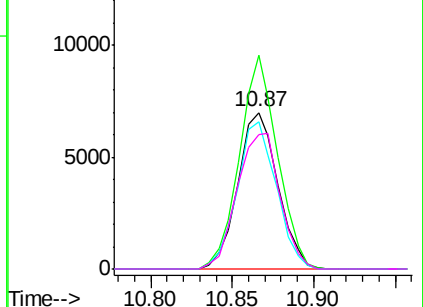


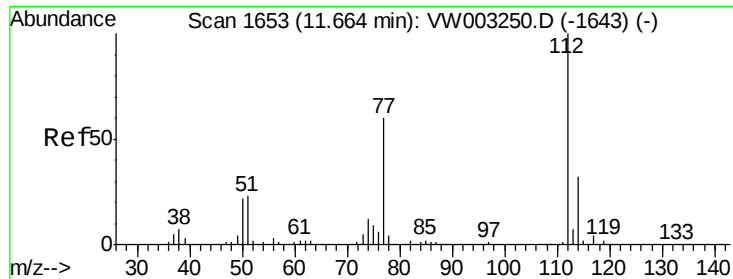
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

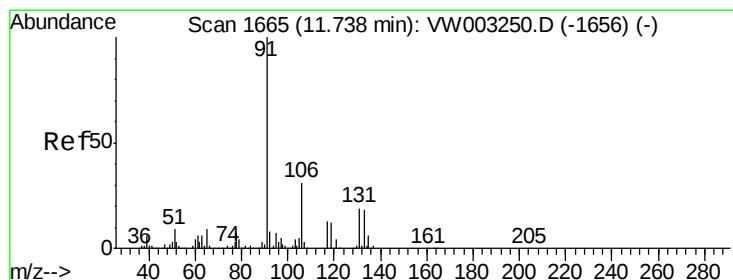
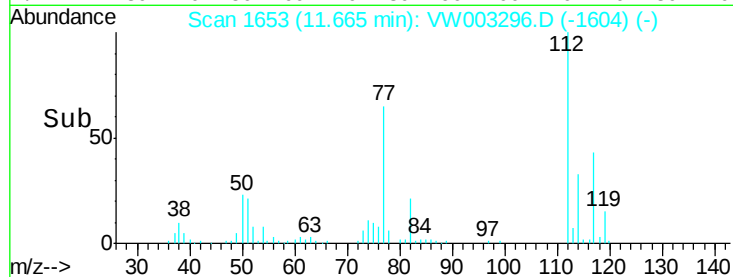
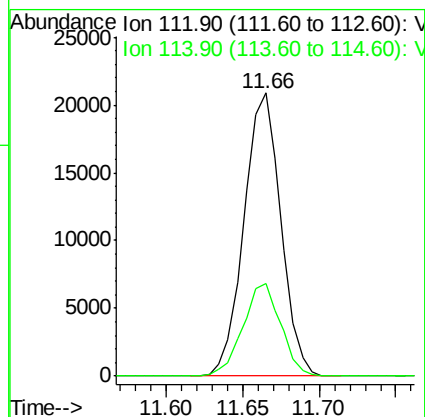
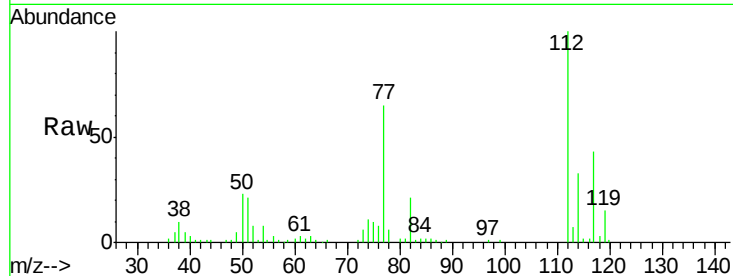




#65
Chlorobenzene
Concen: 5.058 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

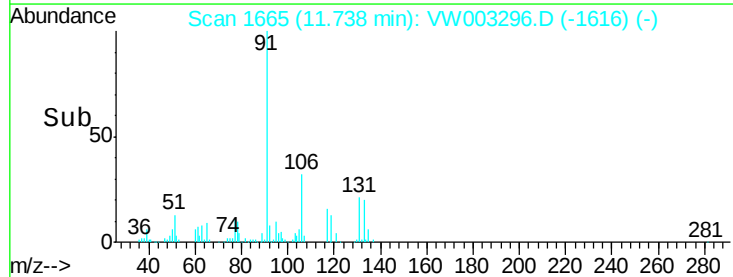
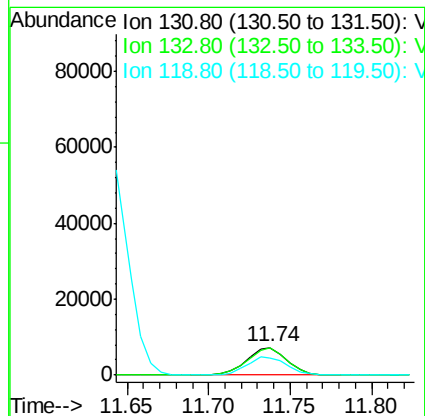
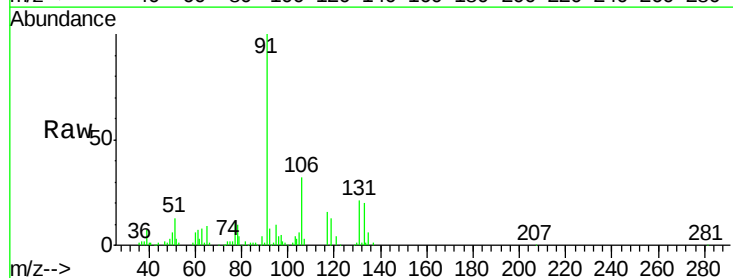
Instrument :
MSVOA_W
ClientSampleId :

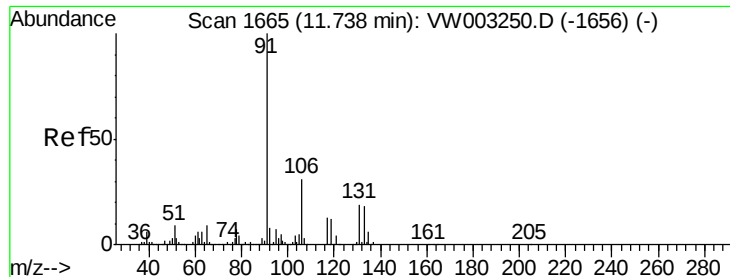
Tot Ion:112 Resp: 34995
Ion Ratio Lower Upper
112 100
114 32.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 5.030 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:131 Resp: 12231
Ion Ratio Lower Upper
131 100
133 98.4 47.3 142.0
119 67.4 32.5 97.4

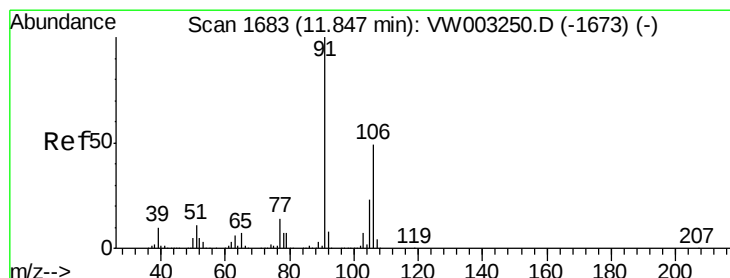
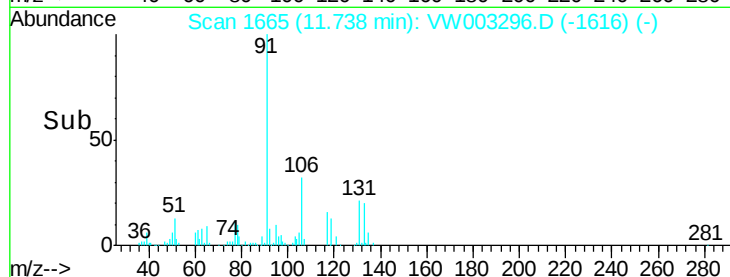
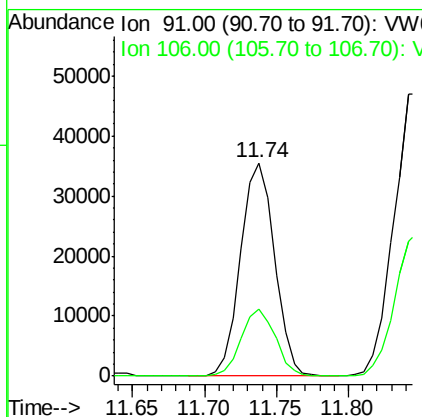
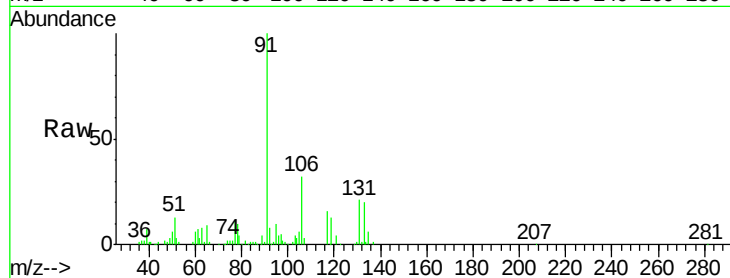




#67
Ethyl Benzene
Concen: 4.761 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

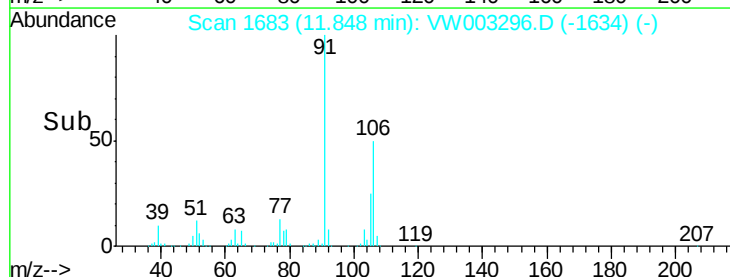
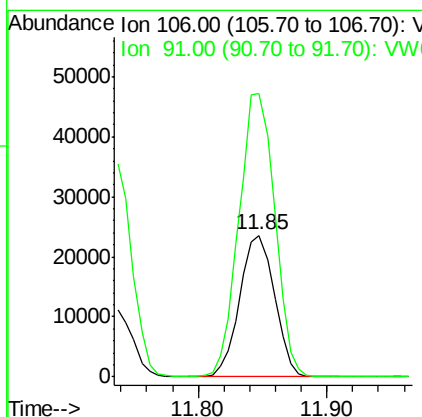
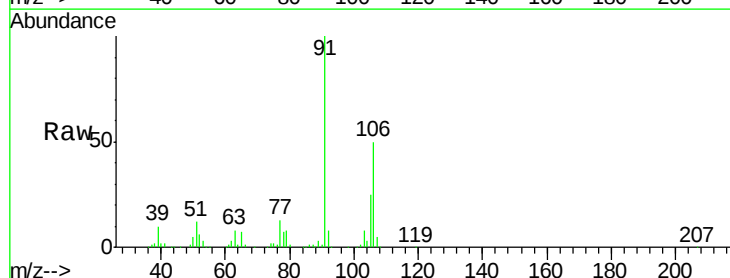
Instrument :
MSVOA_W
ClientSampled :

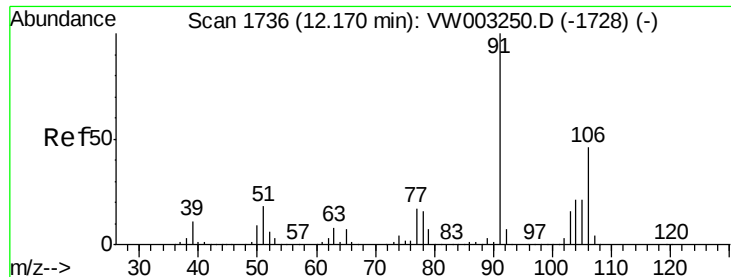
Tot Ion: 91 Resp: 58385
Ion Ratio Lower Upper
91 100
106 31.7 24.7 37.1



#68
m/p-Xylenes
Concen: 9.510 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion: 106 Resp: 44337
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0

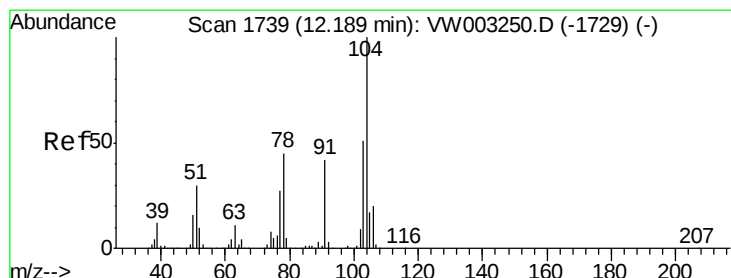
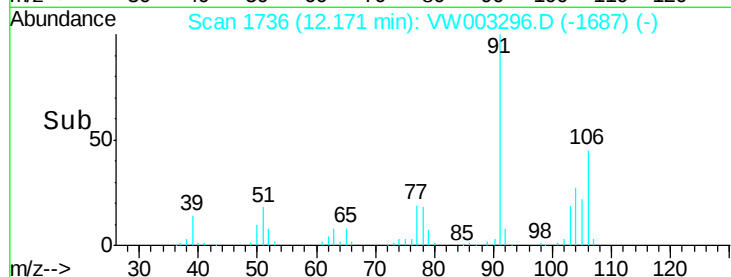
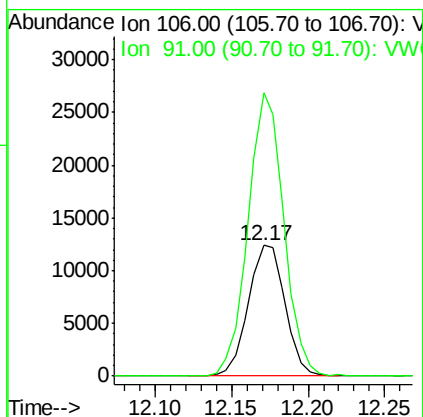
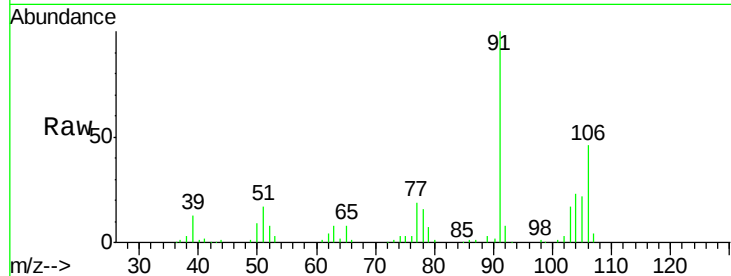




#69
o-Xylene
Concen: 4.784 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

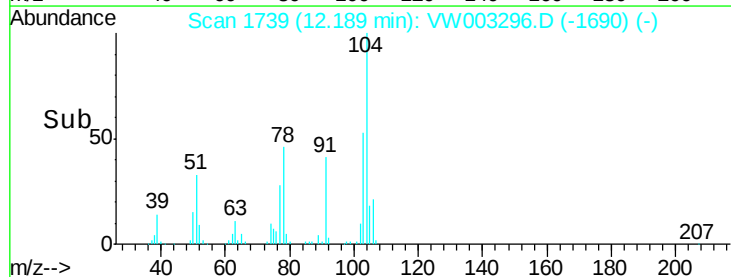
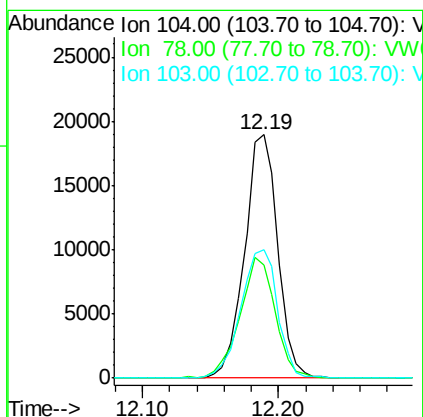
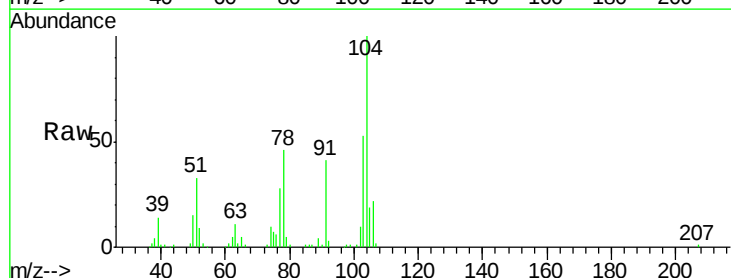
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 20671
Ion Ratio Lower Upper
106 100
91 211.4 108.6 325.6



#70
Styrene
Concen: 4.496 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:104 Resp: 32337
Ion Ratio Lower Upper
104 100
78 52.7 41.3 61.9
103 58.4 45.0 67.4

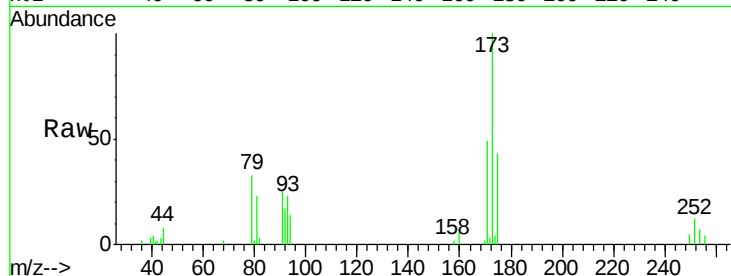




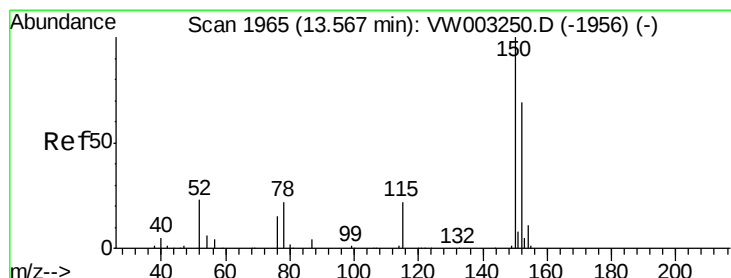
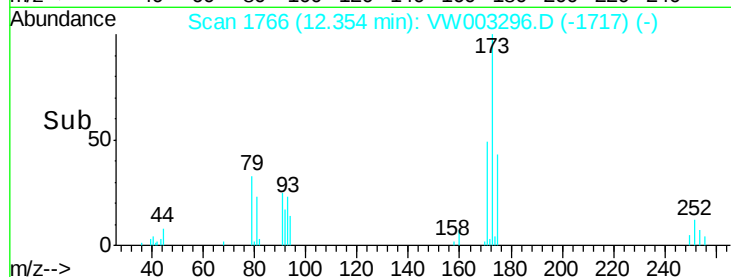
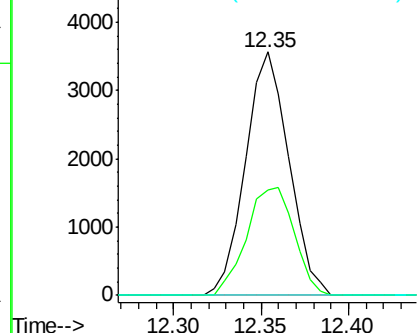
#71
Bromoform
Concen: 4.881 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:173 Resp: 6150
Ion Ratio Lower Upper
173 100
175 48.6 24.4 73.4
254 0.0 0.1 0.1#

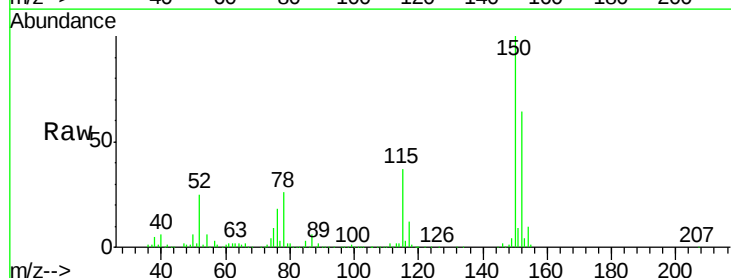


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

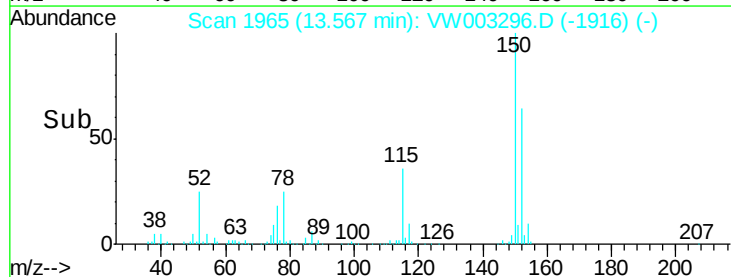
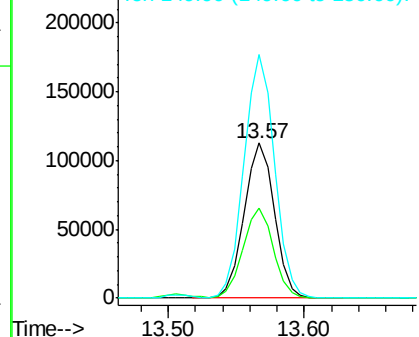


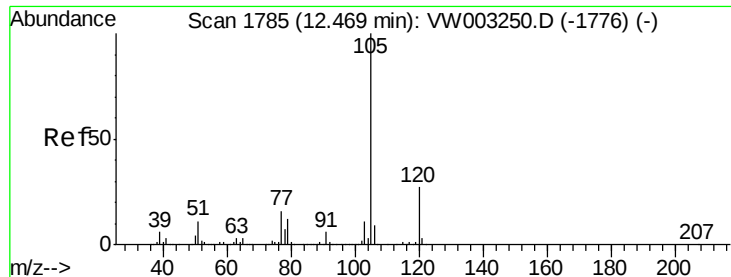
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:152 Resp: 175698
Ion Ratio Lower Upper
152 100
115 57.9 29.3 88.0
150 158.3 0.0 349.6



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





#73

Isopropylbenzene

Concen: 4.523 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

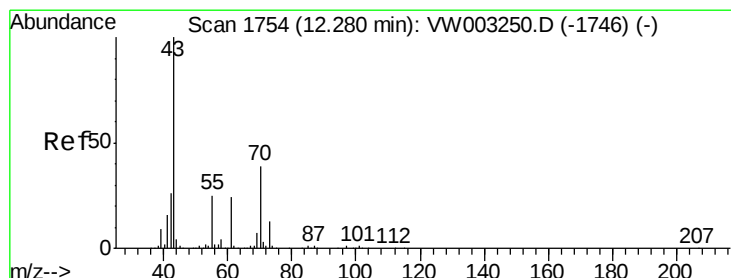
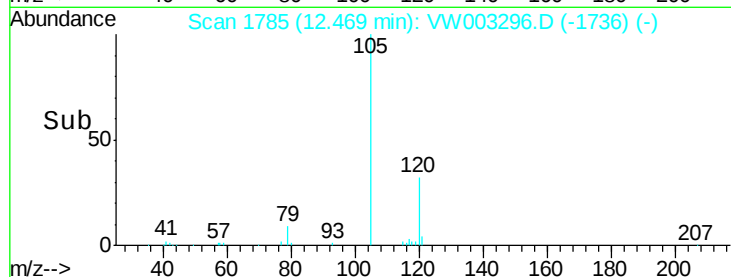
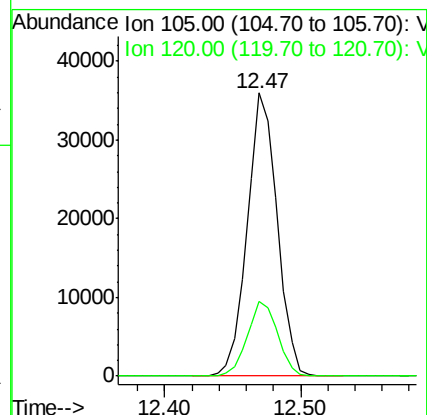
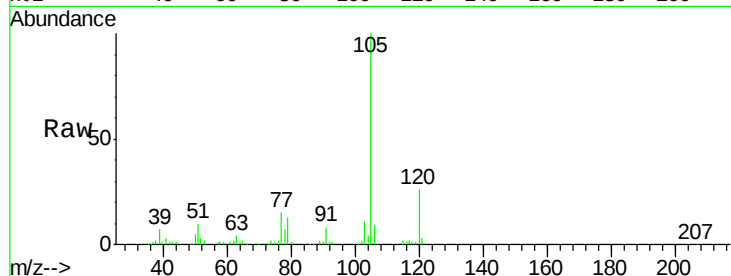
ClientSampleId :

Tot Ion:105 Resp: 55273

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.6



#74

N-ethyl acetate

Concen: 4.678 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Tgt Ion: 43 Resp: 13011

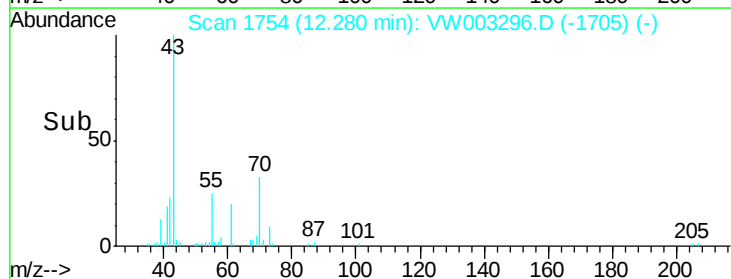
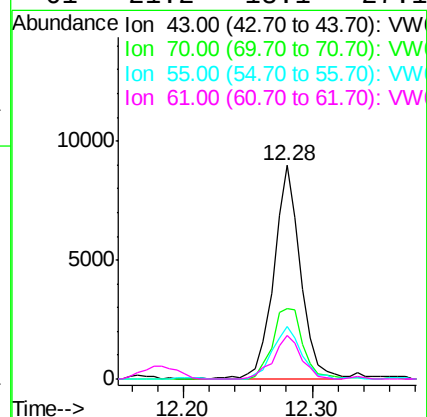
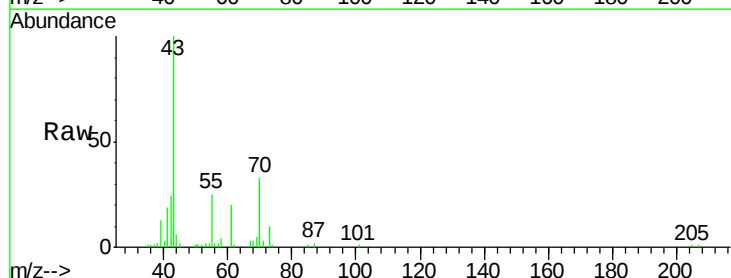
Ion Ratio Lower Upper

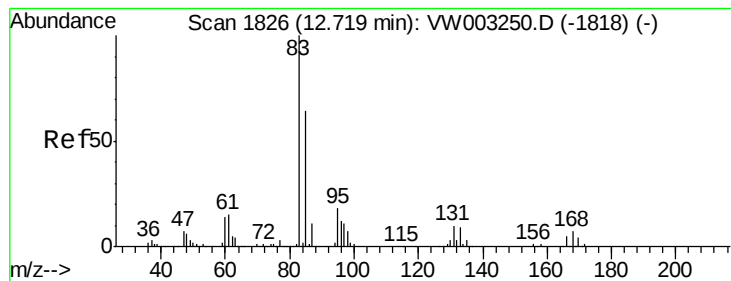
43 100

70 38.4 31.0 46.6

55 26.3 19.7 29.5

61 21.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.135 ug/l

RT: 12.73 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

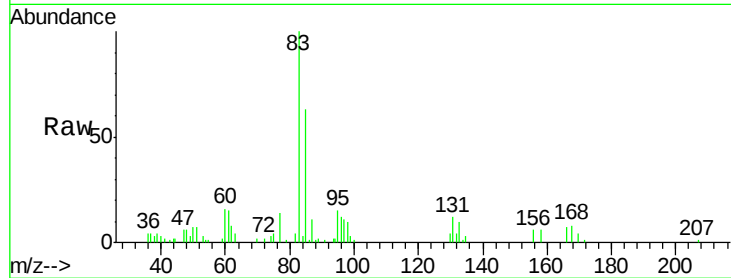
Tot Ion: 83 Resp: 10616

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

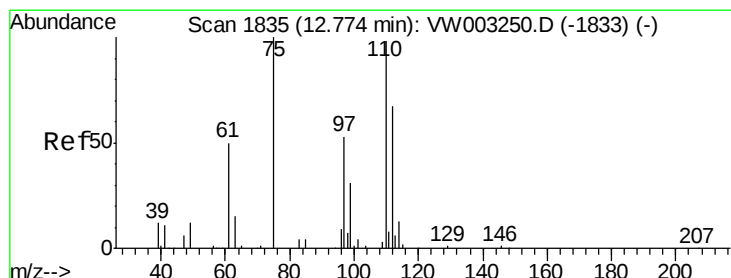
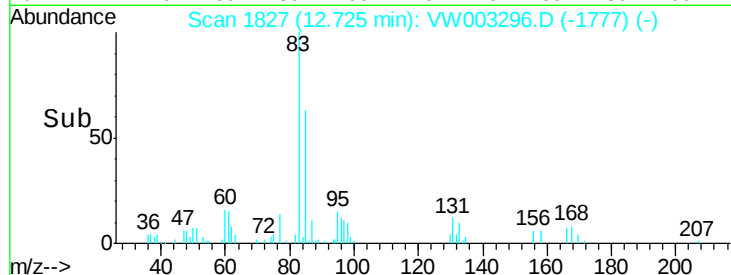
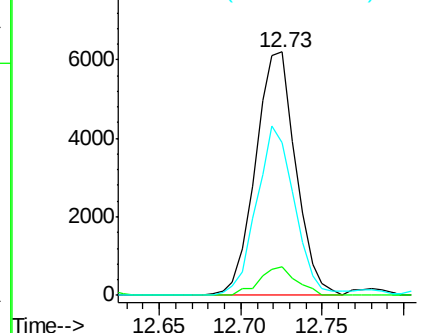
85 65.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 9.593 ug/l

RT: 12.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VW003296.D

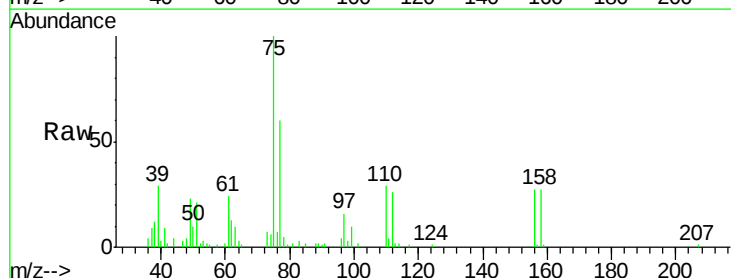
Acq: 15 Jun 2018 17:09

Tgt Ion: 75 Resp: 14409

Ion Ratio Lower Upper

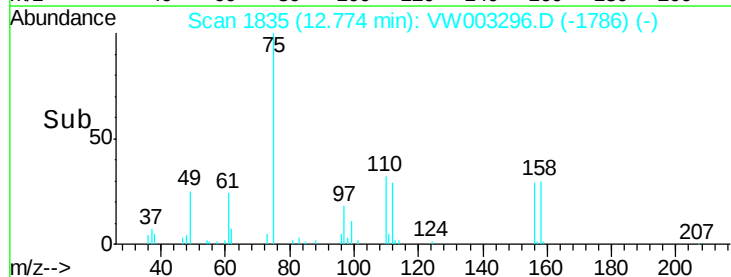
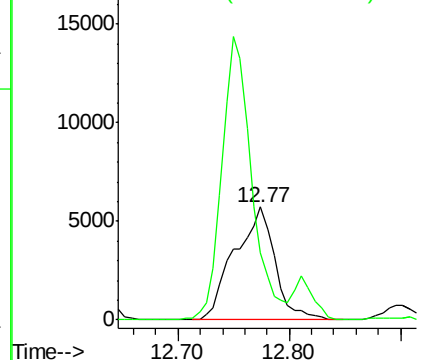
75 100

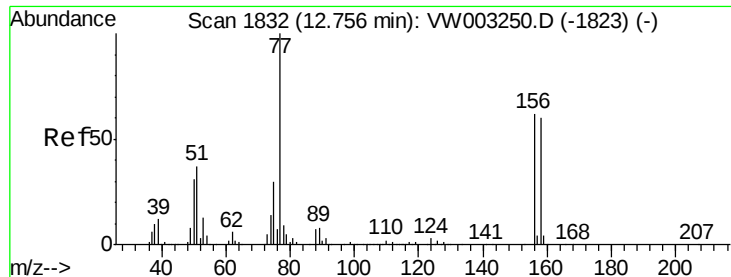
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.088 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

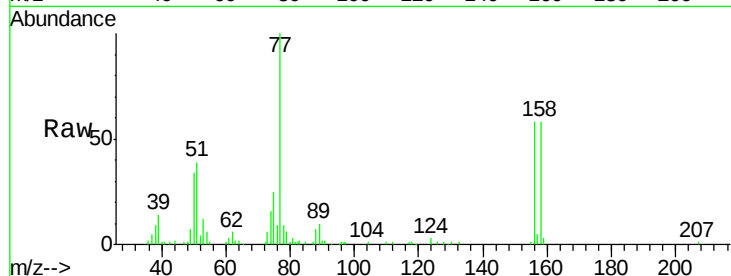
Tot Ion:156 Resp: 14482

Ion Ratio Lower Upper

156 100

77 184.8 92.3 276.9

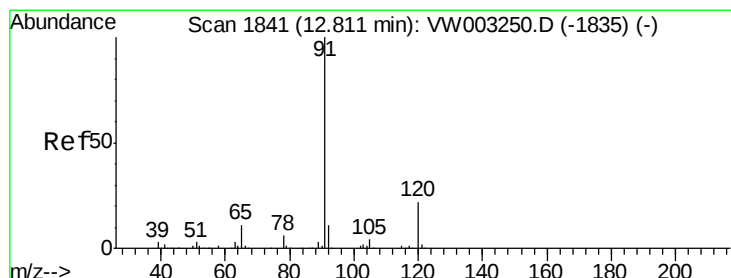
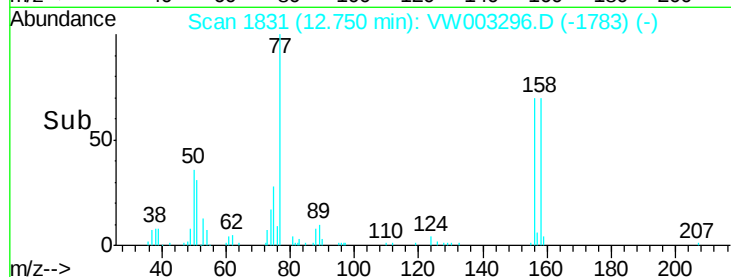
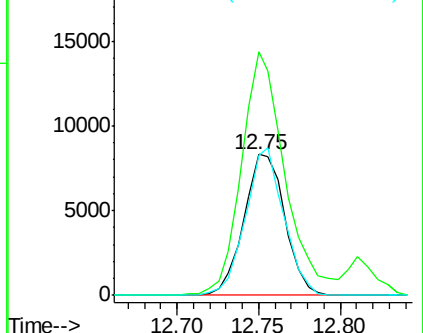
158 98.2 47.5 142.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.540 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003296.D

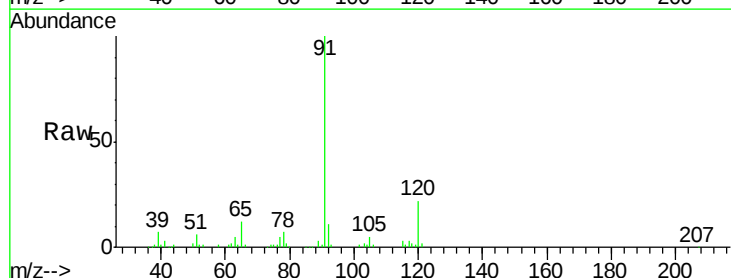
Acq: 15 Jun 2018 17:09

Tgt Ion: 91 Resp: 67937

Ion Ratio Lower Upper

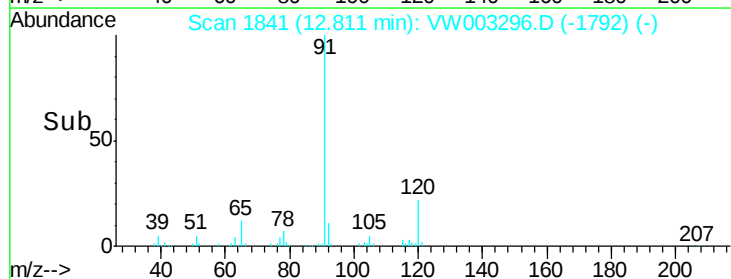
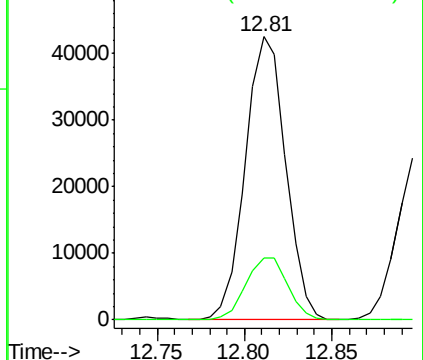
91 100

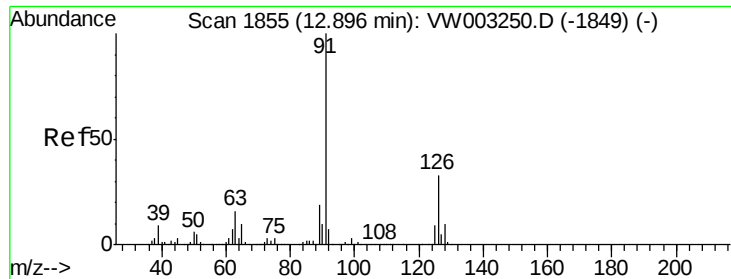
120 22.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 4.769 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

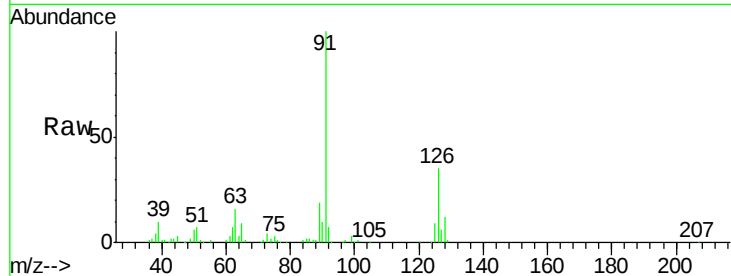
ClientSampled :

Tot Ion: 91 Resp: 40330

Ion Ratio Lower Upper

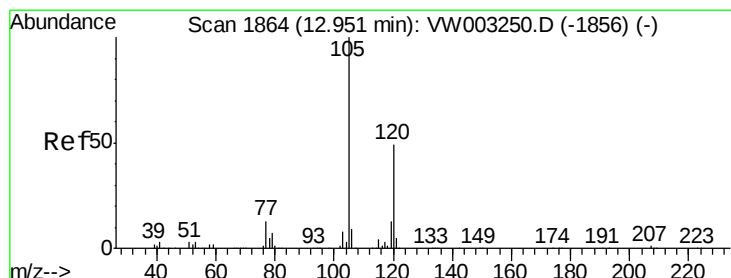
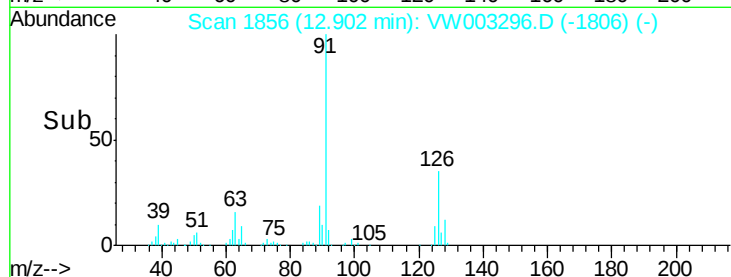
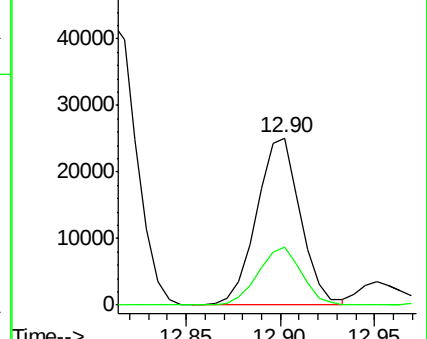
91 100

126 34.3 16.8 50.4



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: 4.629 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003296.D

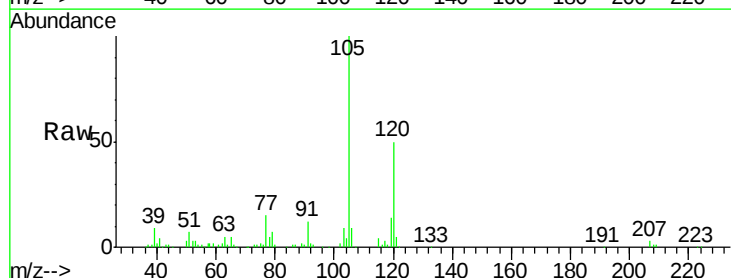
Acq: 15 Jun 2018 17:09

Tgt Ion: 105 Resp: 47482

Ion Ratio Lower Upper

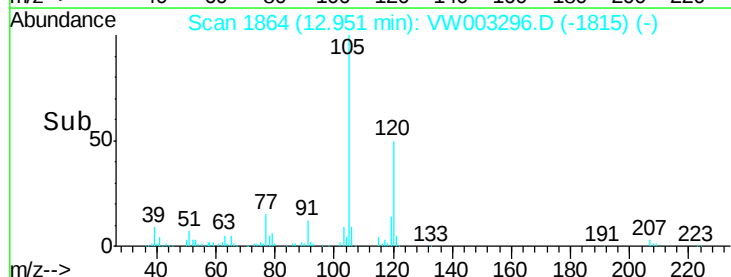
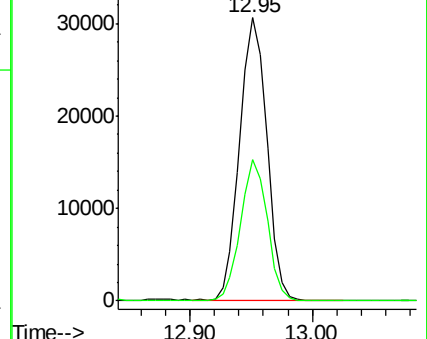
105 100

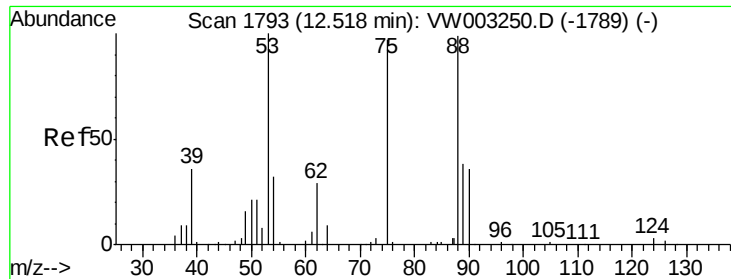
120 49.0 24.3 72.9



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: 4.771 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampled :

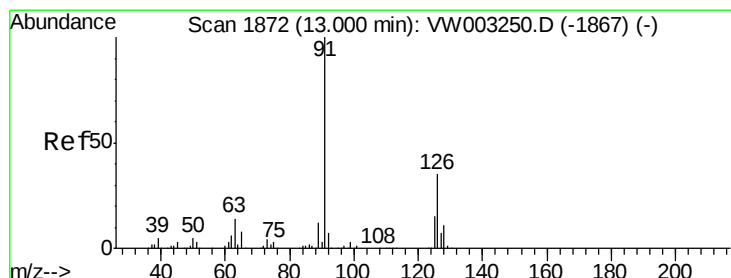
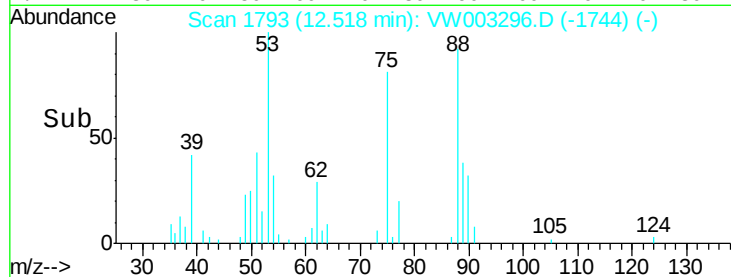
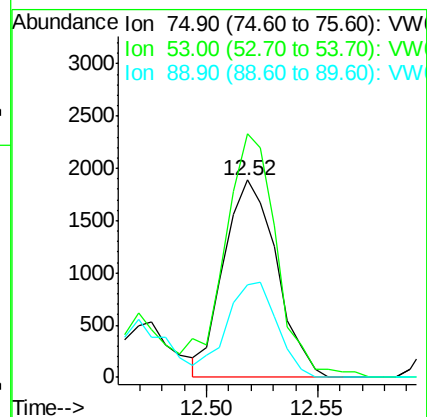
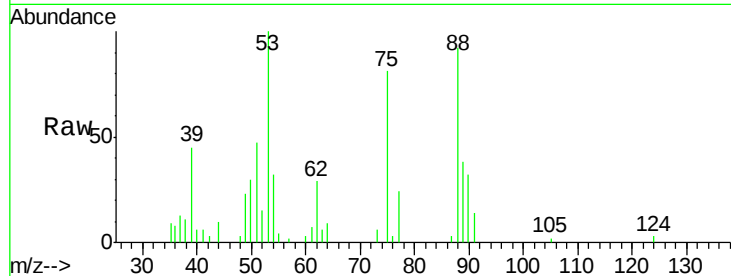
Tot Ion: 75 Resp: 3114

Ion Ratio Lower Upper

75 100

53 122.7 82.9 124.3

89 46.1 36.7 55.1



#82

4-Chlorotoluene

Concen: 5.028 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. -0.01 min

Lab File: VW003296.D

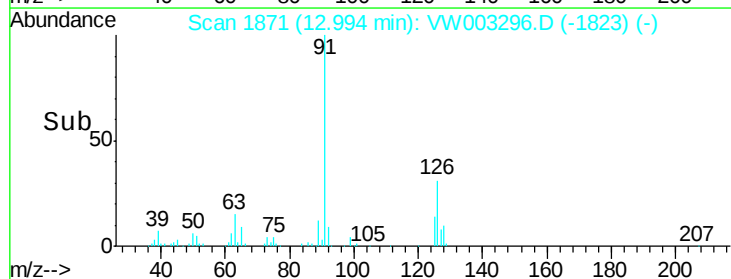
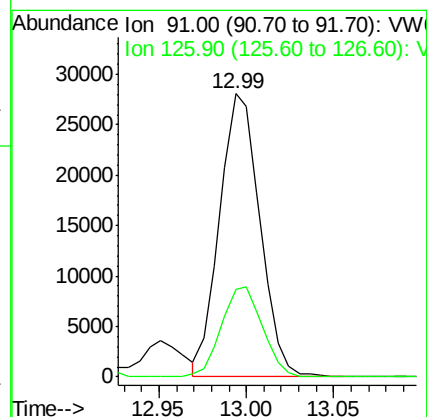
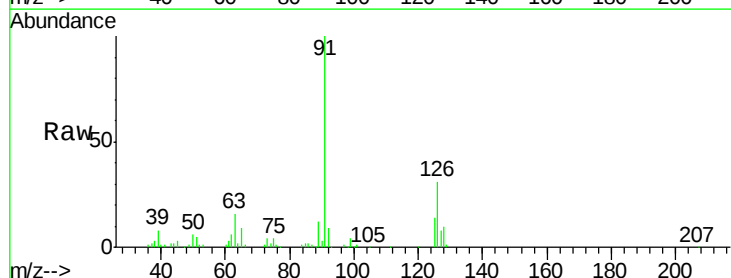
Acq: 15 Jun 2018 17:09

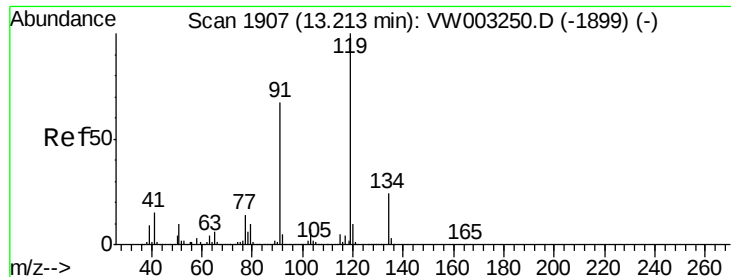
Tgt Ion: 91 Resp: 45101

Ion Ratio Lower Upper

91 100

126 32.4 16.8 50.3

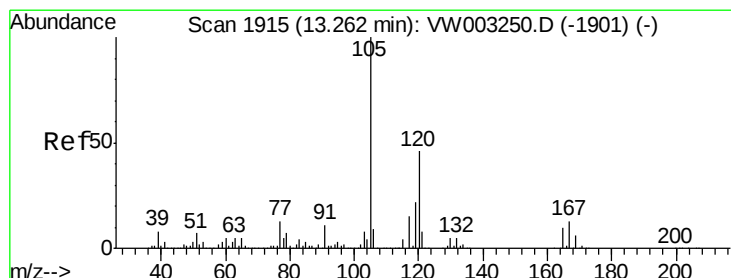
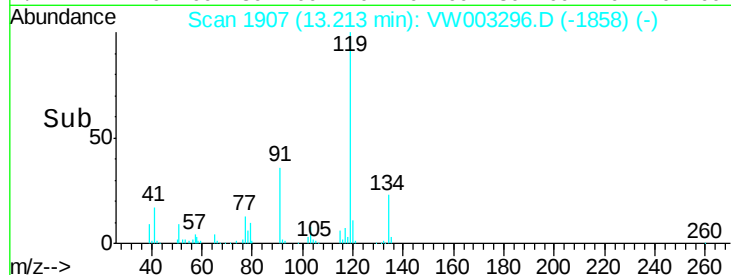
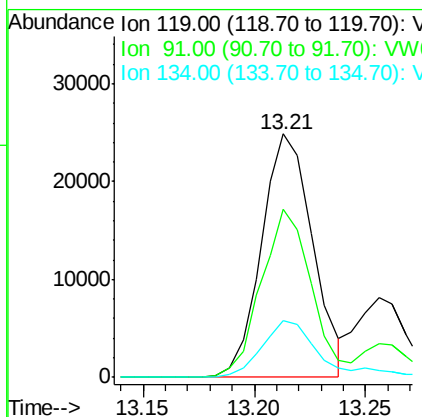
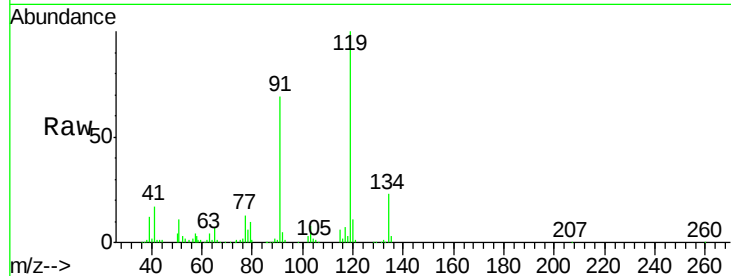




#83
tert-Butylbenzene
Concen: 4.547 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

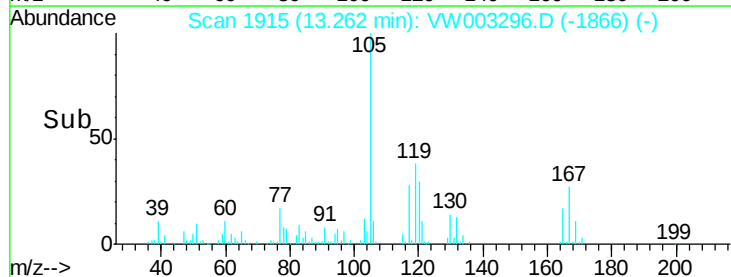
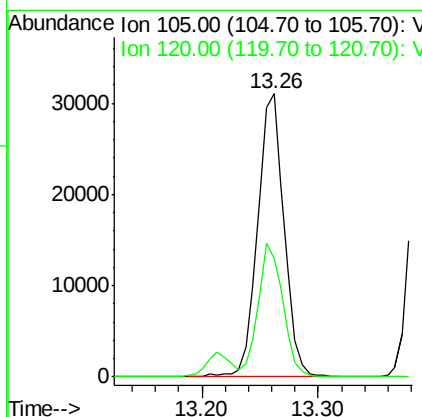
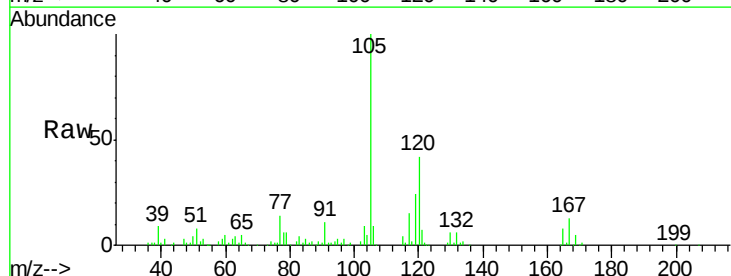
Instrument :
MSVOA_W
ClientSampleId :

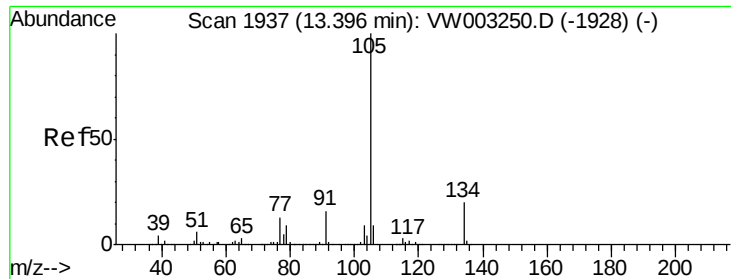
Tot Ion:119 Resp: 39749
Ion Ratio Lower Upper
119 100
91 68.2 33.9 101.7
134 26.5 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 4.661 ug/l
RT: 13.26 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:105 Resp: 49180
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5





#85

sec-Butylbenzene

Concen: 4.654 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

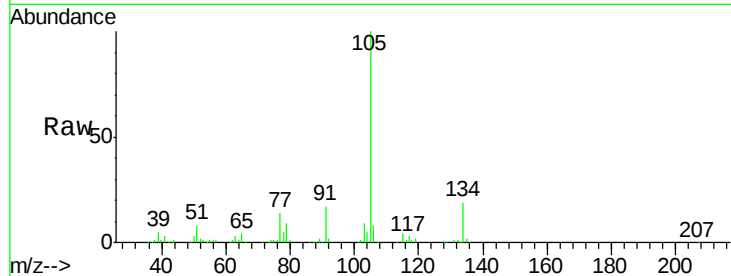
ClientSampleId :

Tot Ion:105 Resp: 60479

Ion Ratio Lower Upper

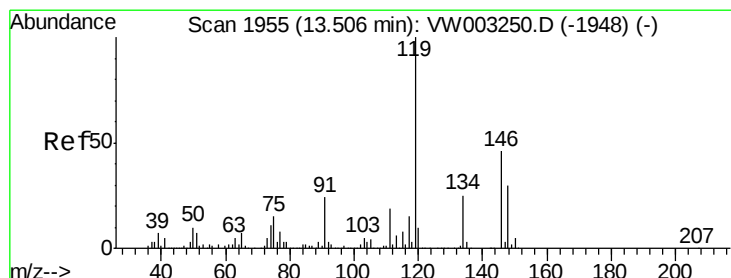
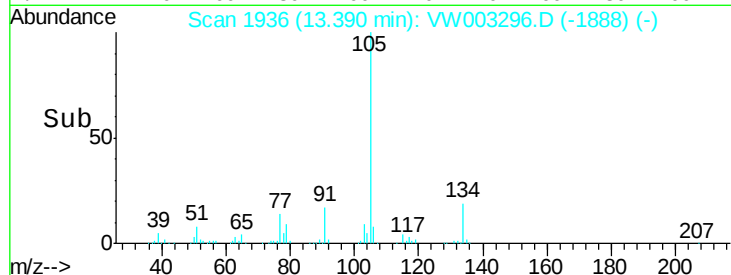
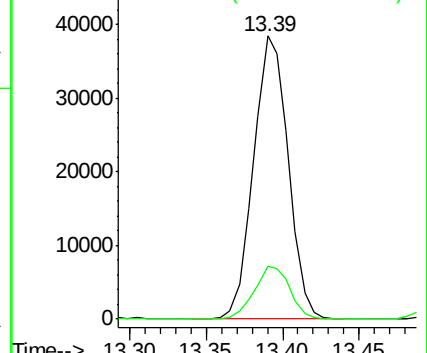
105 100

134 19.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.420 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

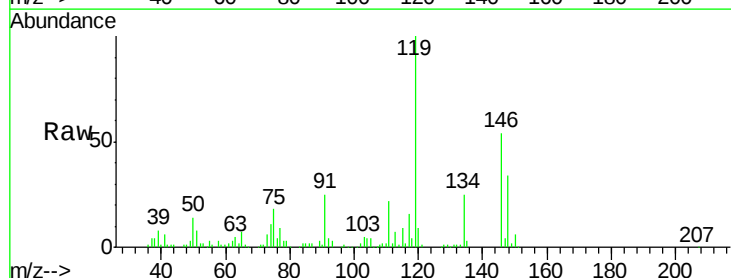
Tgt Ion:119 Resp: 50650

Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

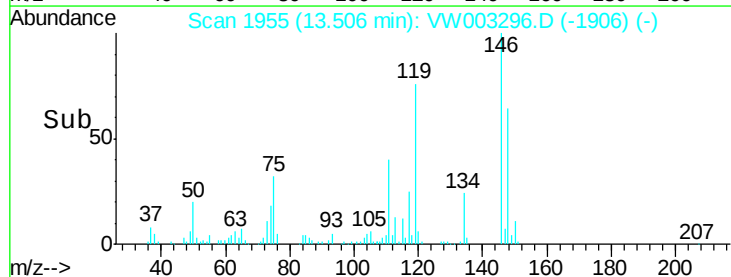
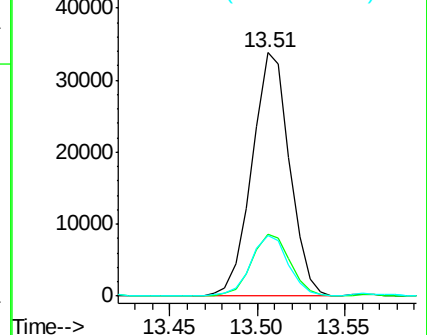
91 25.3 11.8 35.3

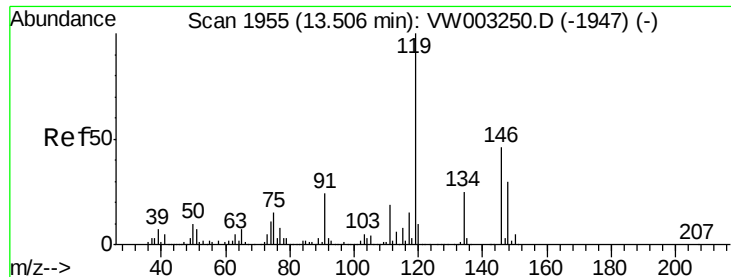


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

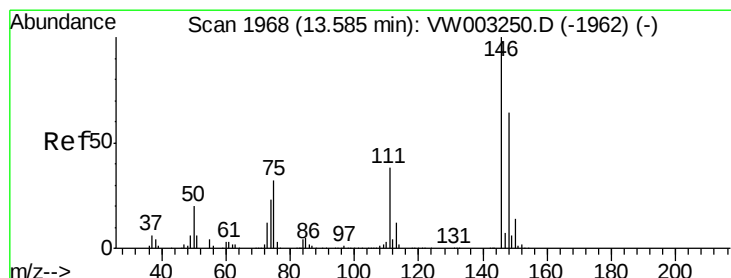
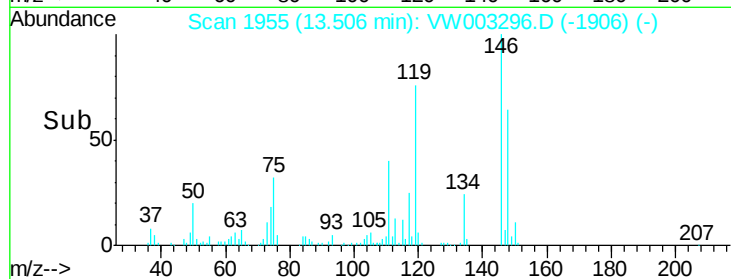
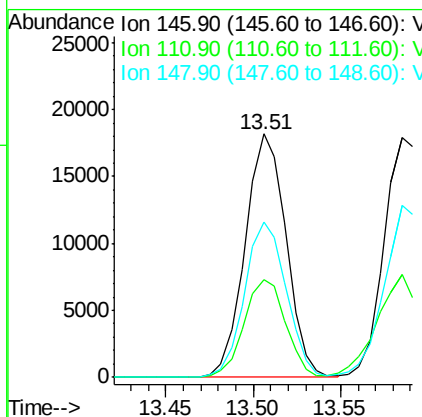
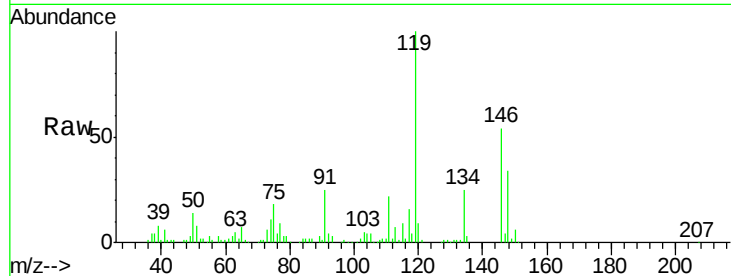




#87
 1,3-Dichlorobenzene
 Concen: 5.060 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

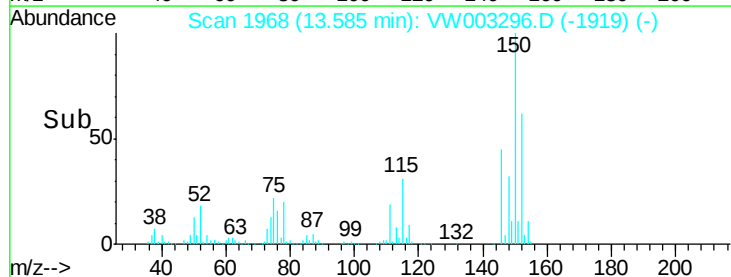
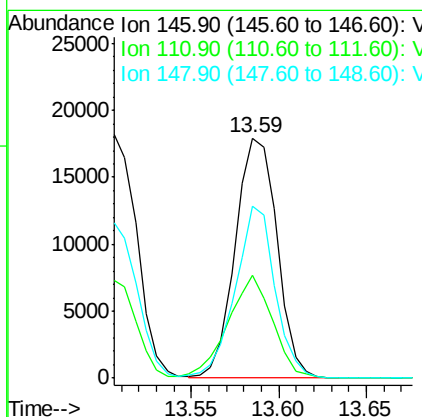
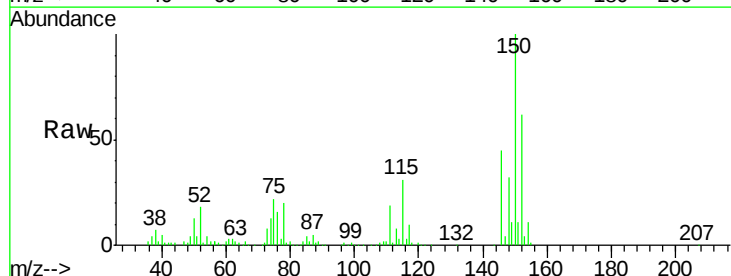
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:146 Resp: 29584
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 65.0 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 5.128 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion:146 Resp: 29808
 Ion Ratio Lower Upper
 146 100
 111 45.7 19.2 57.6
 148 68.2 31.8 95.4





#89

n-Butylbenzene

Concen: 4.653 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

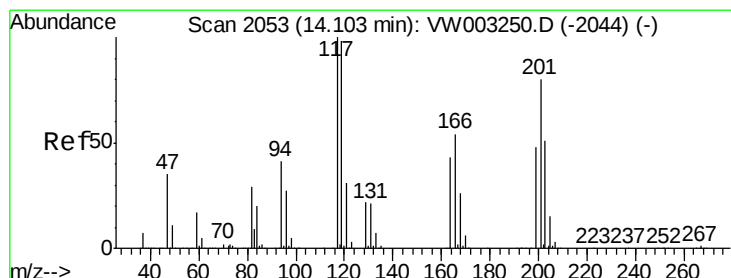
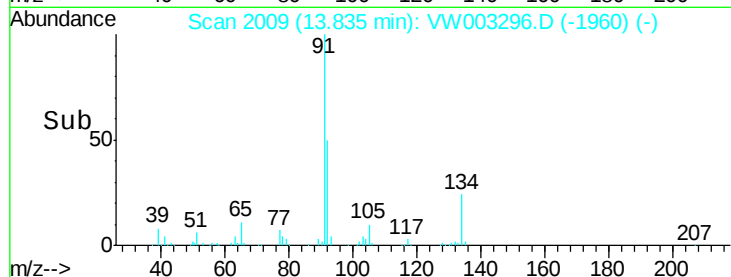
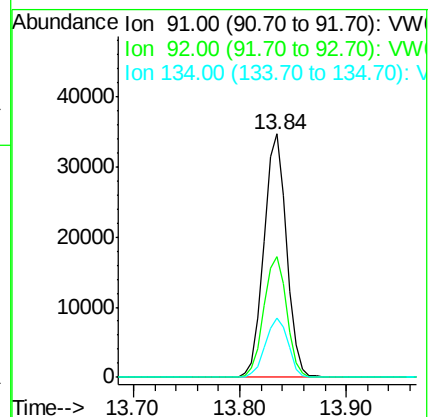
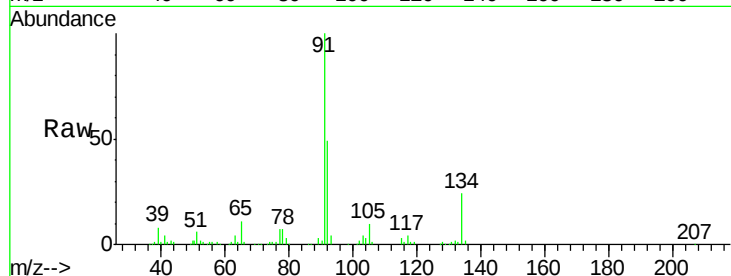
Tot Ion: 91 Resp: 51976

Ion Ratio Lower Upper

91 100

92 50.3 26.0 78.0

134 24.7 12.7 38.0



#90

Hexachloroethane

Concen: 4.785 ug/l

RT: 14.10 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VW003296.D

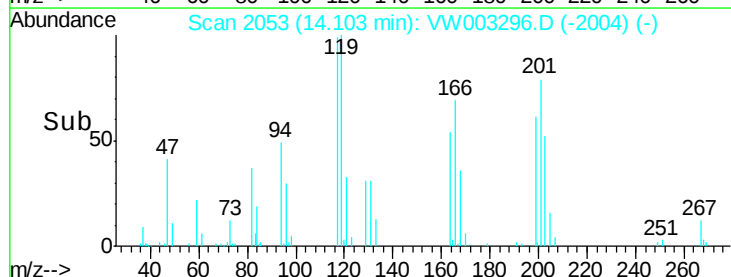
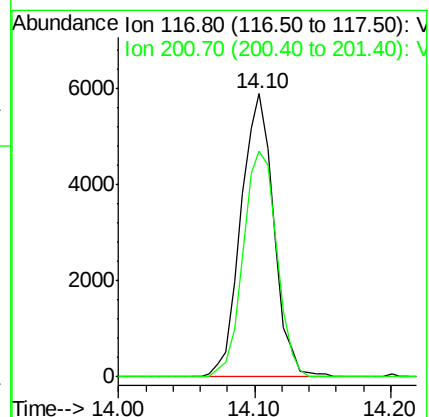
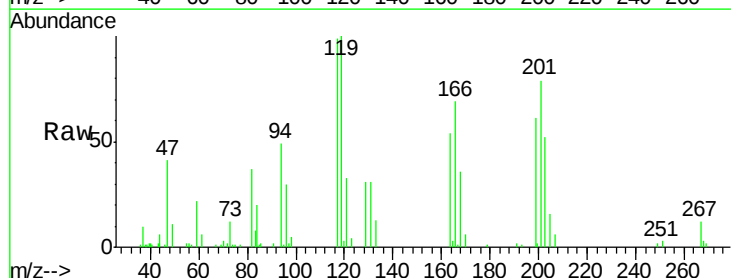
Acq: 15 Jun 2018 17:09

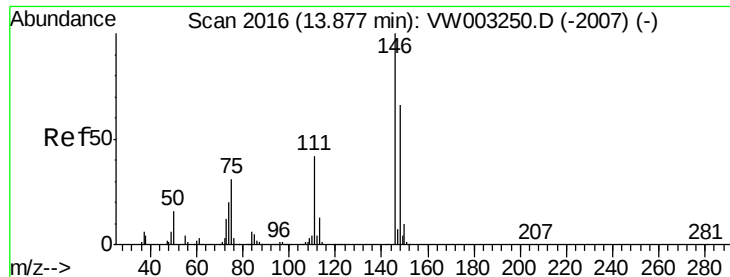
Tgt Ion: 117 Resp: 9920

Ion Ratio Lower Upper

117 100

201 81.7 39.5 118.5

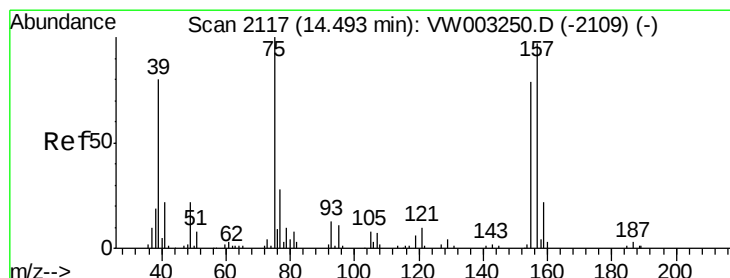
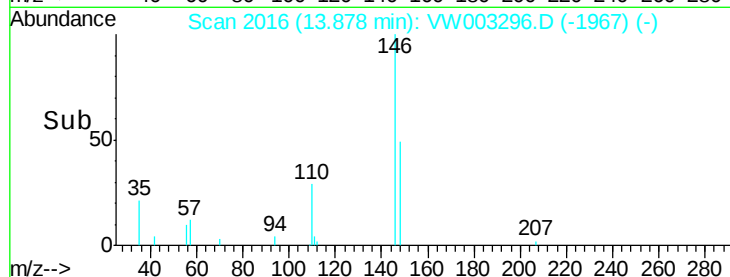
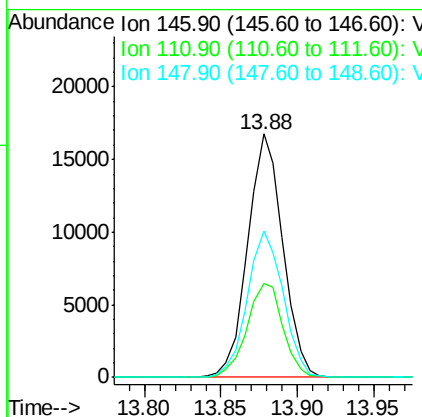
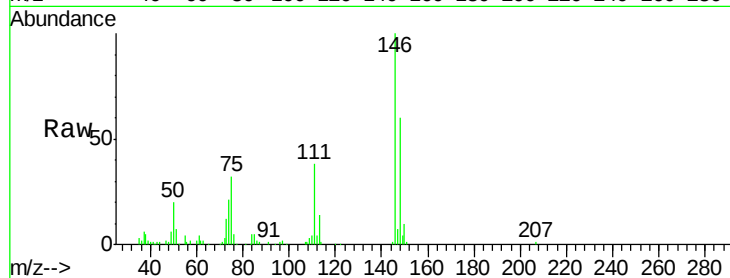




#91
 1,2-Dichlorobenzene
 Concen: 5.219 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

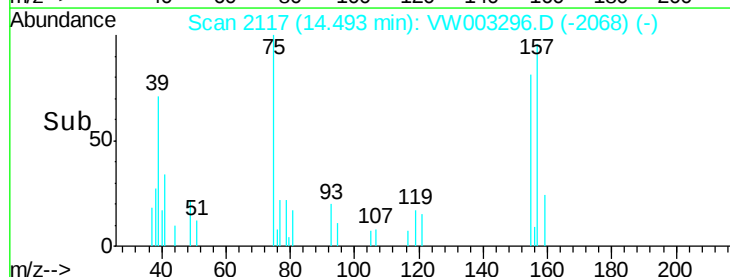
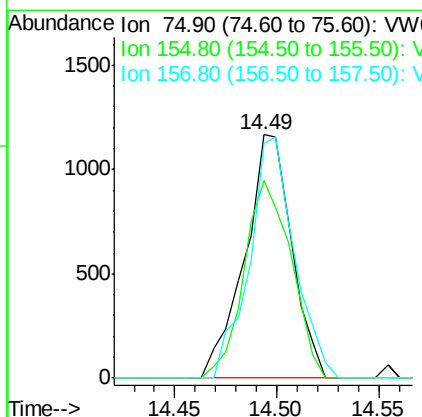
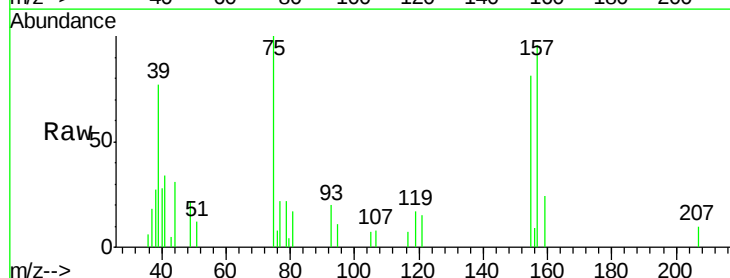
Instrument :
 MSVOA_W
 ClientSampleId :

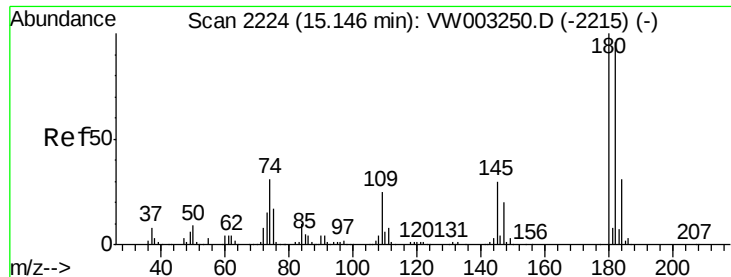
Tot Ion:146 Resp: 26727
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.3 61.0
 148 61.5 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.398 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003296.D
 Acq: 15 Jun 2018 17:09

Tgt Ion: 75 Resp: 1878
 Ion Ratio Lower Upper
 75 100
 155 80.9 39.4 118.2
 157 94.6 51.5 154.5

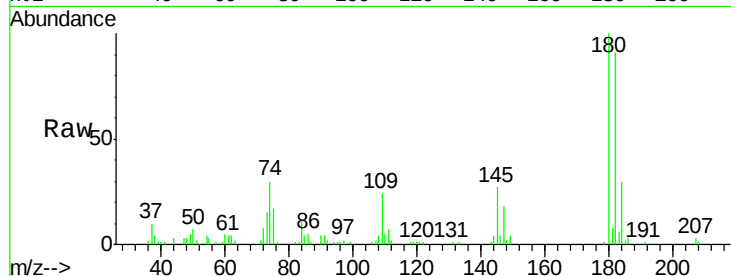




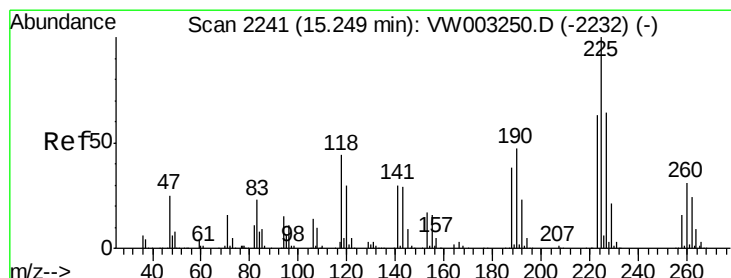
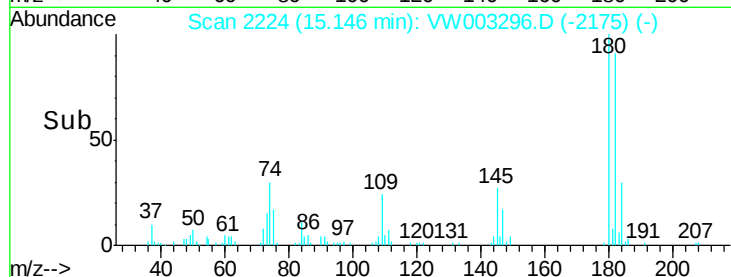
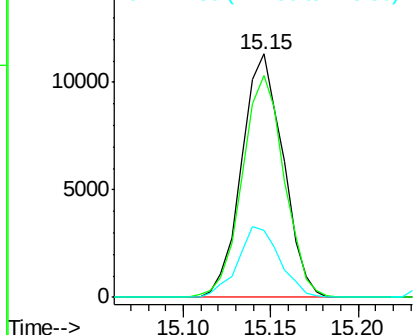
#93
1,2,4-Trichlorobenzene
Concen: 5.197 ug/l
RT: 15.15 min Scan# 2224
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:180 Resp: 18684
Ion Ratio Lower Upper
180 100
182 92.3 47.9 143.6
145 29.3 15.2 45.5

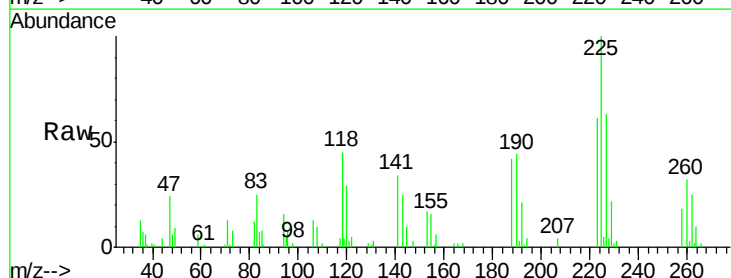


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

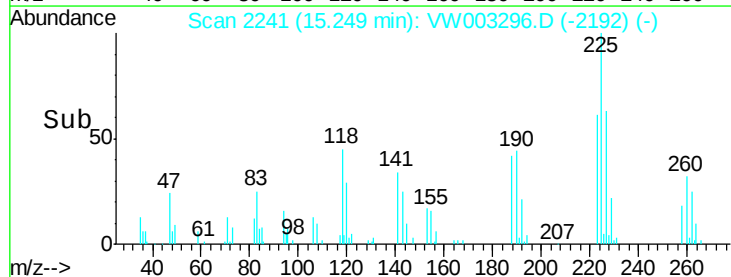
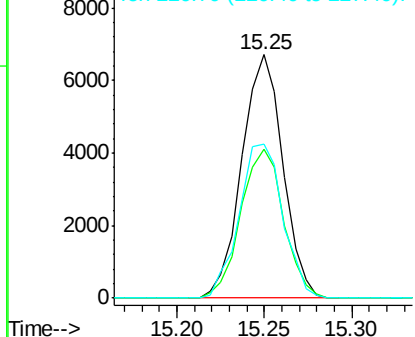


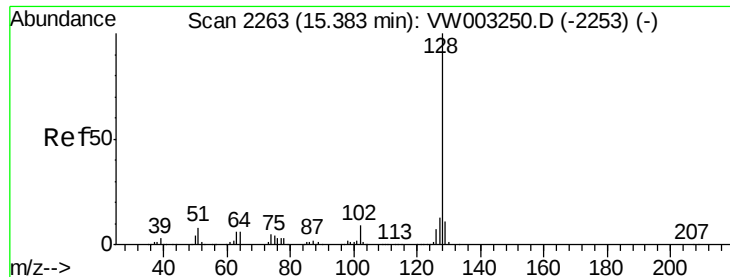
#94
Hexachlorobutadiene
Concen: 5.068 ug/l
RT: 15.25 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW003296.D
Acq: 15 Jun 2018 17:09

Tgt Ion:225 Resp: 10960
Ion Ratio Lower Upper
225 100
223 63.8 30.6 92.0
227 67.4 31.7 95.1



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





#95

Naphthalene

Concen: 4.329 ug/l

RT: 15.38 min Scan# 2262

Delta R.T. -0.01 min

Lab File: VW003296.D

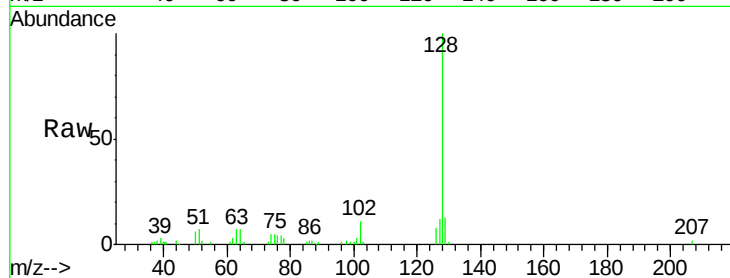
Acq: 15 Jun 2018 17:09

Instrument :

MSVOA_W

ClientSampleId :

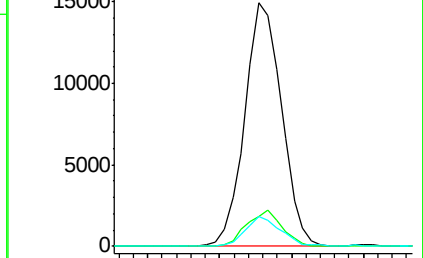
Tot Ion:128	Resp:	26401
Ion	Ratio	Lower Upper
128	100	
127	14.2	10.5 15.7
129	11.9	8.9 13.3



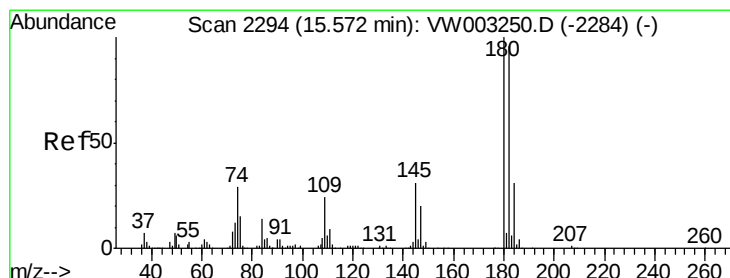
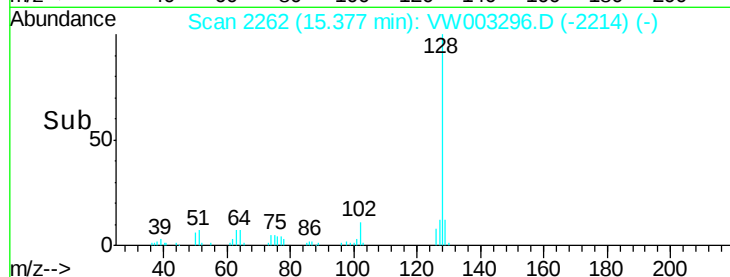
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 5.136 ug/l

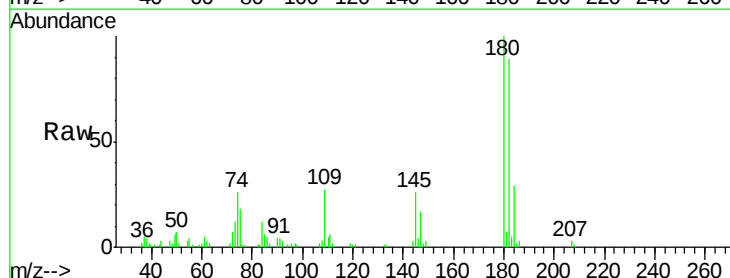
RT: 15.57 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VW003296.D

Acq: 15 Jun 2018 17:09

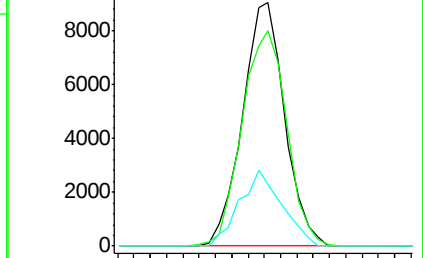
Tgt Ion:180	Resp:	16254
Ion	Ratio	Lower Upper
180	100	
182	93.7	47.9 143.6
145	31.2	15.8 47.4



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



Time-->

