

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081919\
 Data File : VW011977.D
 Acq On : 19 Aug 2019 08:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 19 11:02:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165557	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147811	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.88	113	127822	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
50) Toluene-d8	10.32	98	521879	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	12.62	95	181156	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70128	48.020	ug/l	98
3) Chloromethane	2.21	50	119184	47.064	ug/l	98
4) Vinyl Chloride	2.36	62	158533	51.999	ug/l	99
5) Bromomethane	2.78	94	81928	48.548	ug/l	98
6) Chloroethane	2.92	64	91819	52.723	ug/l	99
7) Trichlorofluoromethane	3.25	101	85521	62.765	ug/l	99
8) Diethyl Ether	3.68	74	75292	48.737	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	140728	54.446	ug/l	99
10) Methyl Iodide	4.27	142	191542	52.439	ug/l	99
11) Tert butyl alcohol	5.15	59	49077	218.778	ug/l	99
12) 1,1-Dichloroethene	4.04	96	144173	52.829	ug/l	99
13) Acrolein	3.89	56	39277	181.919	ug/l	97
14) Allyl chloride	4.67	41	309287	53.284	ug/l	99
15) Acrylonitrile	5.36	53	190756	247.355	ug/l	98
16) Acetone	4.11	43	273661	285.912	ug/l	97
17) Carbon Disulfide	4.38	76	432317	50.613	ug/l	100
18) Methyl Acetate	4.67	43	96387	44.826	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	218566	50.469	ug/l	96
20) Methylene Chloride	4.92	84	148777	45.070	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	153752	52.257	ug/l	98
22) Diisopropyl ether	6.31	45	549349	50.199	ug/l	98
23) Vinyl Acetate	6.25	43	1718239	249.874	ug/l	99
24) 1,1-Dichloroethane	6.21	63	304903	52.022	ug/l	99
25) 2-Butanone	7.17	43	318762	254.509	ug/l	97
26) 2,2-Dichloropropane	7.17	77	181913	50.469	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	165505	51.110	ug/l	99
28) Bromochloromethane	7.51	49	130976	50.347	ug/l	98
29) Tetrahydrofuran	7.52	42	167292	233.675	ug/l	98
30) Chloroform	7.67	83	271242	50.163	ug/l	98
31) Cyclohexane	7.96	56	289025	51.373	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	224666	54.558	ug/l	99
36) 1,1-Dichloropropene	8.08	75	235735	55.123	ug/l	99
37) Ethyl Acetate	7.24	43	116746	47.450	ug/l	98
38) Carbon Tetrachloride	8.07	117	203620	55.618	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	269433	57.217	ug/l	99
40) Benzene	8.32	78	636394	53.126	ug/l	100
41) Methacrylonitrile	7.48	41	74833	50.880	ug/l	97
42) 1,2-Dichloroethane	8.40	62	186010	49.597	ug/l	98
43) Isopropyl Acetate	8.42	43	223297	49.349	ug/l	99
44) Trichloroethene	9.09	130	158965	55.214	ug/l	99
45) 1,2-Dichloropropane	9.37	63	168331	52.519	ug/l	99
46) Dibromomethane	9.46	93	73966	50.562	ug/l	98
47) Bromodichloromethane	9.65	83	201605	52.538	ug/l	99
48) Methyl methacrylate	9.43	41	108123	49.744	ug/l	96
49) 1,4-Dioxane	9.45	88	21043	993.453	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	576829	245.082	ug/l	99
52) Toluene	10.39	92	389648	53.863	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	210013	52.392	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	253900	53.272	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	105660	50.905	ug/l	98
56) Ethyl methacrylate	10.65	69	156797	51.624	ug/l	98
57) 1,3-Dichloropropane	10.93	76	199493	50.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	404933	293.631	ug/l	99
59) 2-Hexanone	10.97	43	467492	281.316	ug/l	99
60) Dibromochloromethane	11.13	129	121490	52.731	ug/l	99
61) 1,2-Dibromoethane	11.24	107	99285	50.546	ug/l	99
64) Tetrachloroethene	10.86	164	127945	56.627	ug/l	97
65) Chlorobenzene	11.66	112	381299	54.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	134535	55.362	ug/l	100
67) Ethyl Benzene	11.73	91	754782	56.805	ug/l	100
68) m/p-Xylenes	11.84	106	544599	112.703	ug/l	99
69) o-Xylene	12.16	106	251725	56.059	ug/l	100
70) Styrene	12.18	104	433940	55.893	ug/l	99
71) Bromoform	12.35	173	68916	55.621	ug/l #	98
73) Isopropylbenzene	12.46	105	717319	58.078	ug/l	99
74) N-amyl acetate	12.27	43	206896	53.506	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	122327	52.654	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	165520	94.487	ug/l #	100
77) Bromobenzene	12.75	156	151210	55.390	ug/l	98
78) n-propylbenzene	12.80	91	873477	58.111	ug/l	100
79) 2-Chlorotoluene	12.89	91	485488	56.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	598638	57.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44060	57.966	ug/l	96
82) 4-Chlorotoluene	12.99	91	506712	55.771	ug/l	100
83) tert-Butylbenzene	13.21	119	513489	59.309	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	587775	56.358	ug/l	100
85) sec-Butylbenzene	13.38	105	731289	59.197	ug/l	100
86) p-Isopropyltoluene	13.50	119	656460	58.568	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	293331	54.799	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	290349	54.528	ug/l	100
89) n-Butylbenzene	13.82	91	660351	59.036	ug/l	99
90) Hexachloroethane	14.10	117	116361	58.709	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	255987	54.071	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20531	51.824	ug/l	98

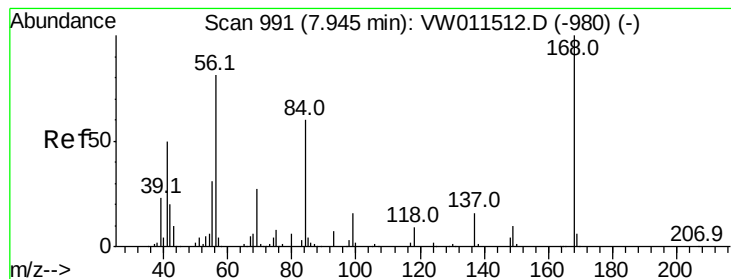
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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	187582	56.220	ug/l	99
94) Hexachlorobutadiene	15.24	225	123185	59.202	ug/l	98
95) Naphthalene	15.37	128	330902	50.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	160885	55.009	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

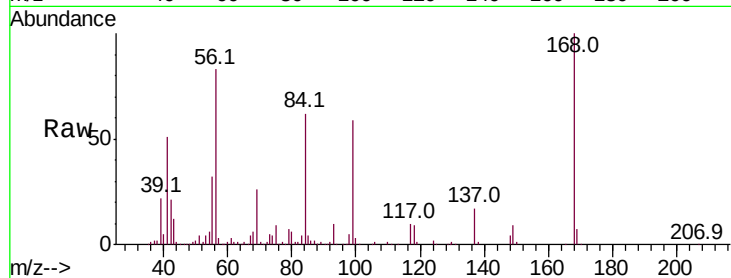
ClientSampleId :

Tot Ion:168 Resp: 262043

Ion Ratio Lower Upper

168 100

99 58.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

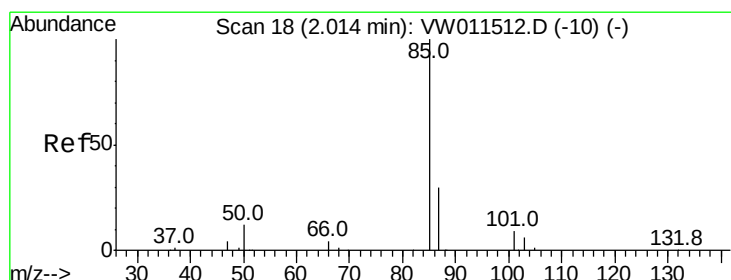
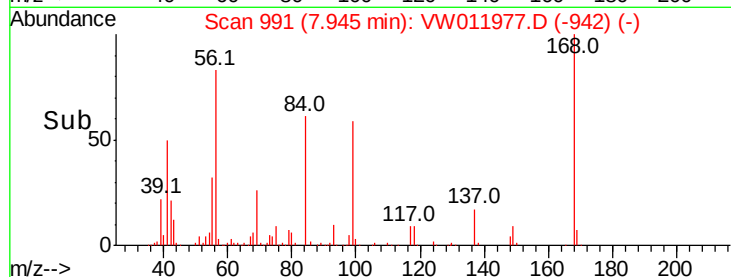
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 48.020 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011977.D

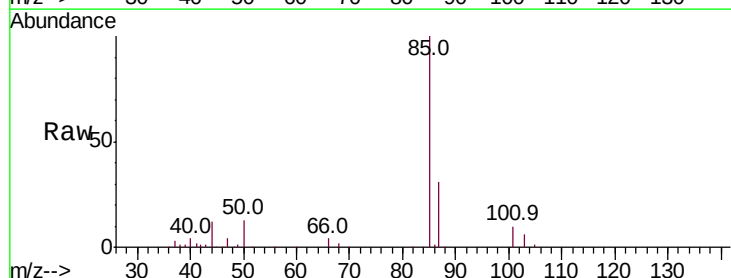
Acq: 19 Aug 2019 08:48

Tgt Ion: 85 Resp: 70128

Ion Ratio Lower Upper

85 100

87 31.4 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

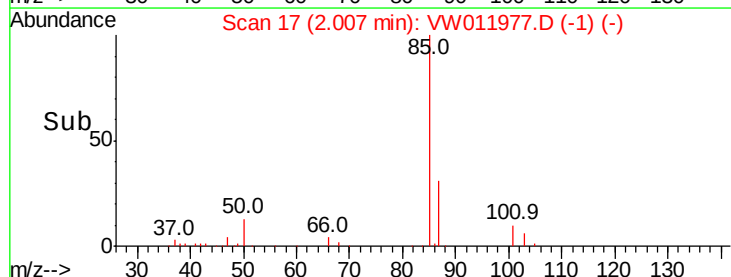
15000

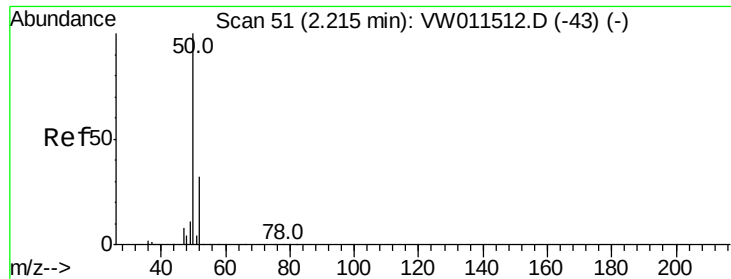
10000

5000

0

Time--> 2.00 2.20





#3

Chloromethane

Concen: 47.064 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

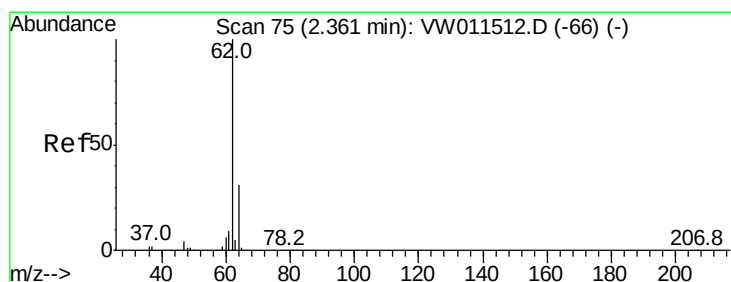
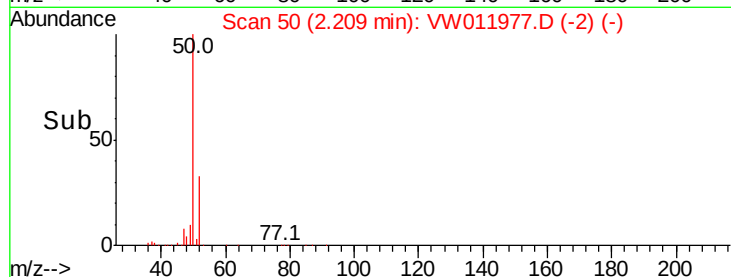
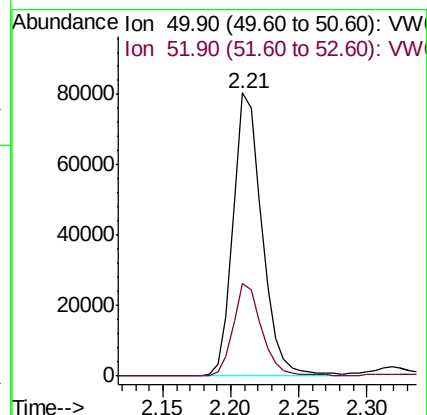
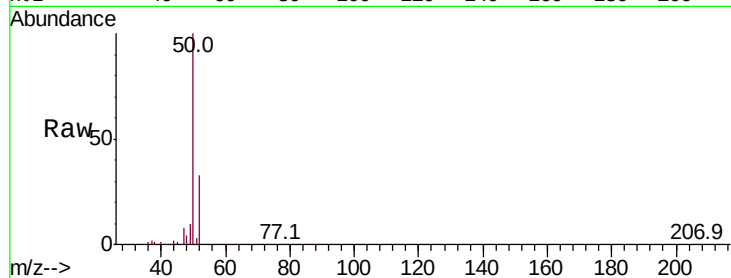
ClientSampleId :

Tot Ion: 50 Resp: 119184

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 51.999 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011977.D

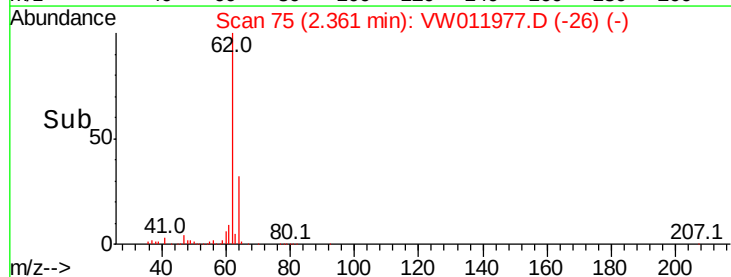
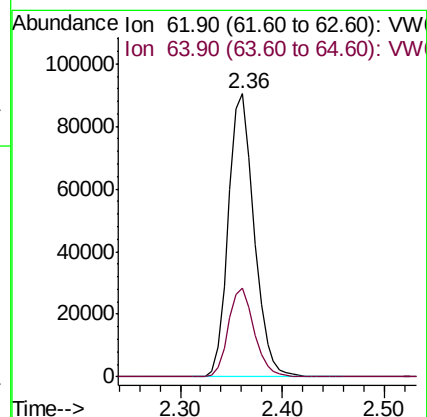
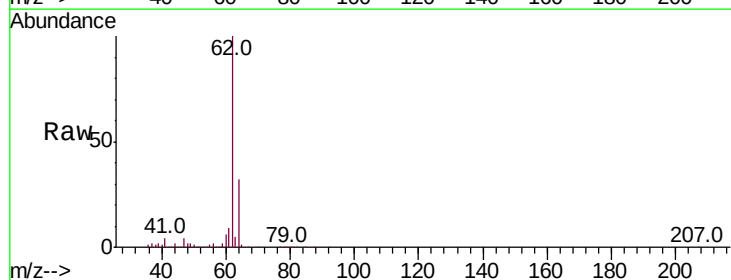
Acq: 19 Aug 2019 08:48

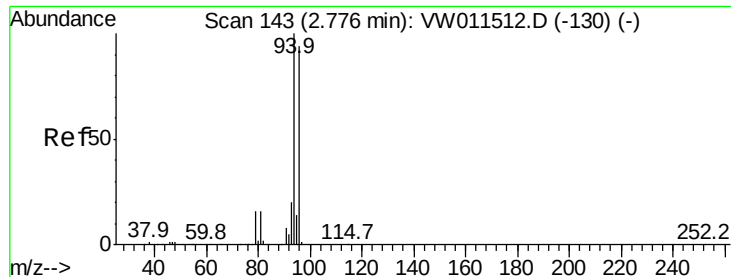
Tgt Ion: 62 Resp: 158533

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.4





#5

Bromomethane

Concen: 48.548 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

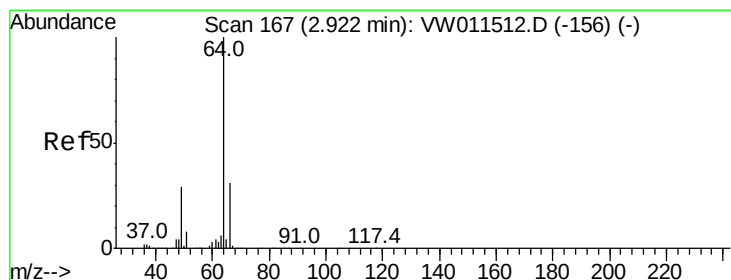
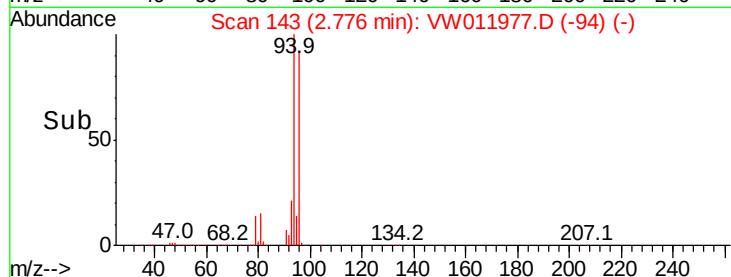
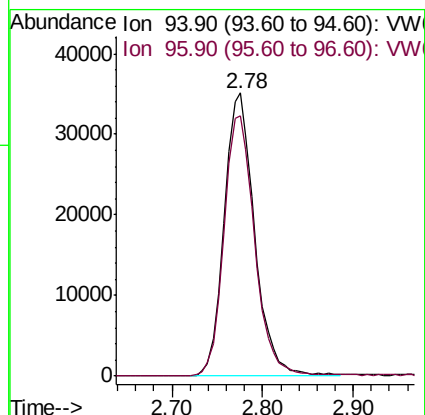
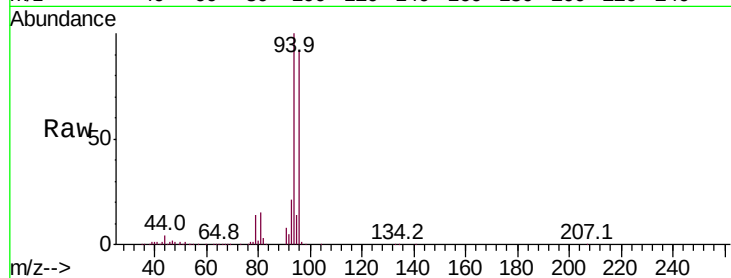
Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 81928

Ion	Ratio	Lower	Upper
94	100		
96	91.7	75.0	112.6



#6

Chloroethane

Concen: 52.723 ug/l

RT: 2.92 min Scan# 167

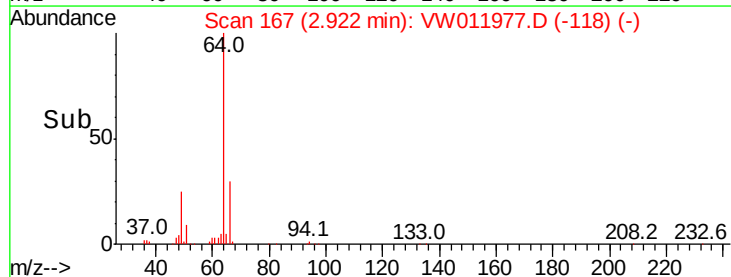
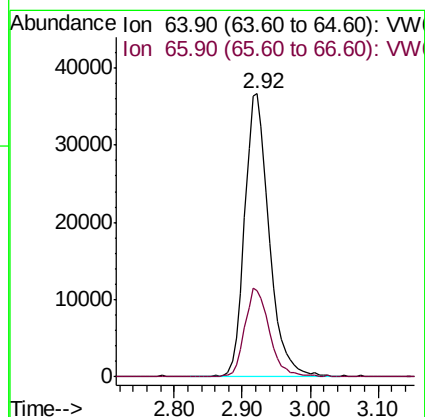
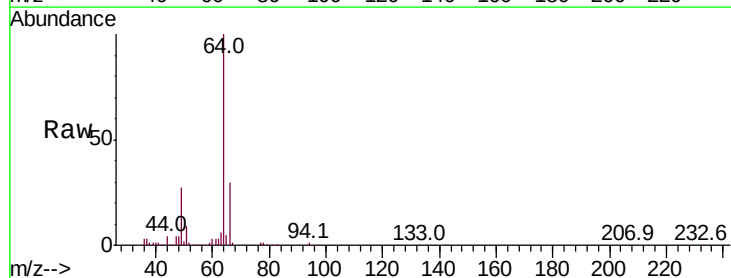
Delta R.T. -0.00 min

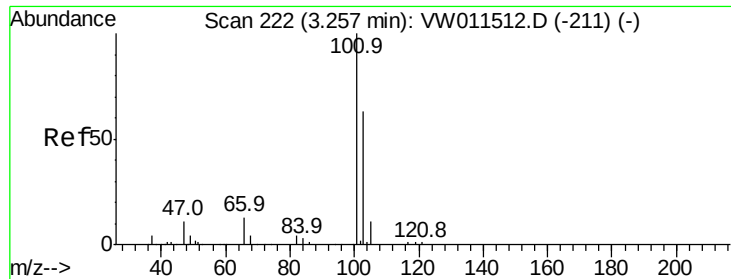
Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion: 64 Resp: 91819

Ion	Ratio	Lower	Upper
64	100		
66	30.4	24.6	36.8



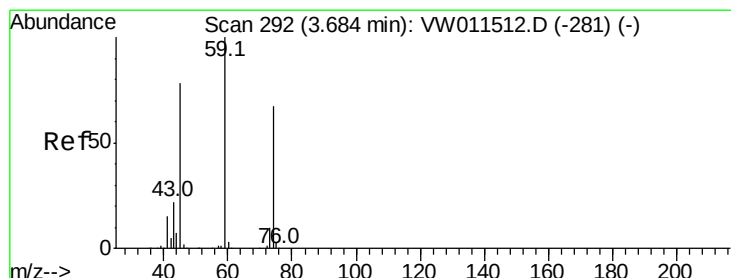
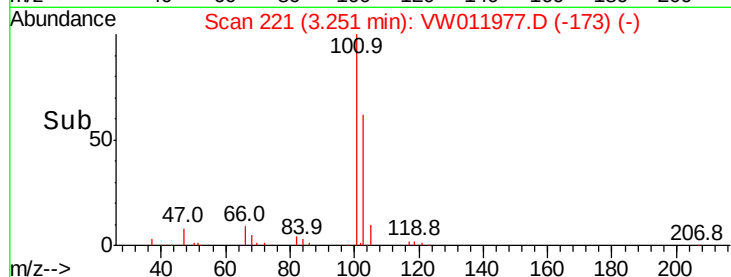
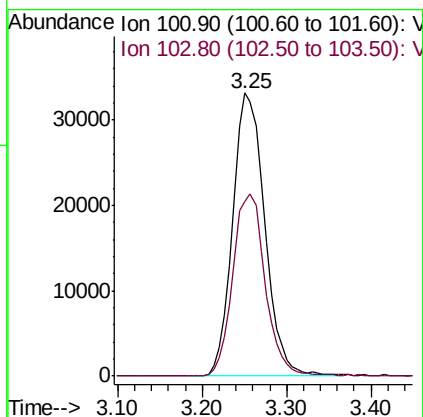
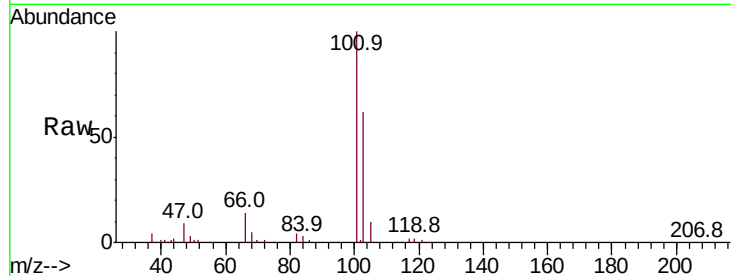


#7

Trichlorofluoromethane
Concen: 62.765 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
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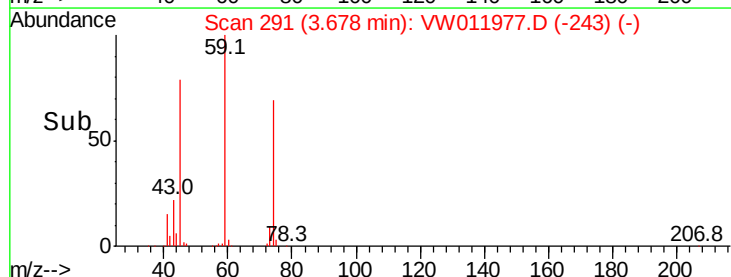
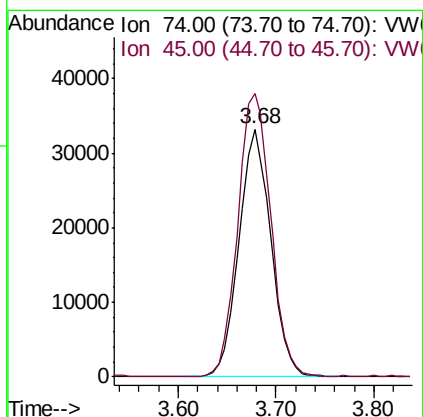
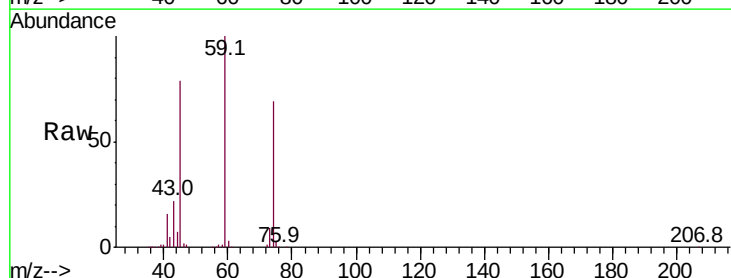
Tot Ion:101 Resp: 85521
Ion Ratio Lower Upper
101 100
103 61.7 50.2 75.4

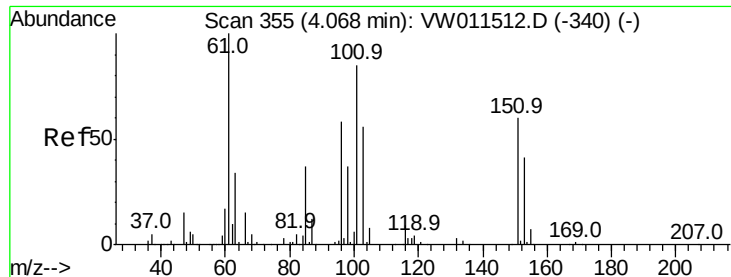


#8

Diethyl Ether
Concen: 48.737 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 74 Resp: 75292
Ion Ratio Lower Upper
74 100
45 118.4 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.446 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampled :

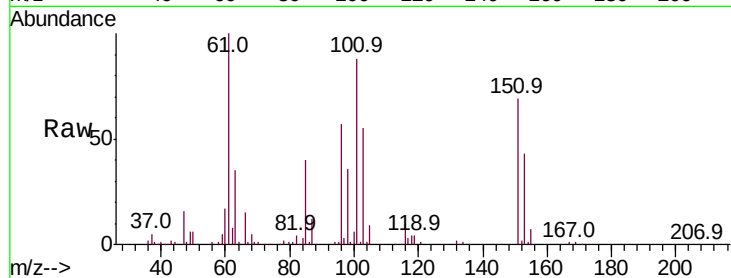
Tot Ion:101 Resp: 140728

Ion Ratio Lower Upper

101 100

85 43.9 36.6 54.8

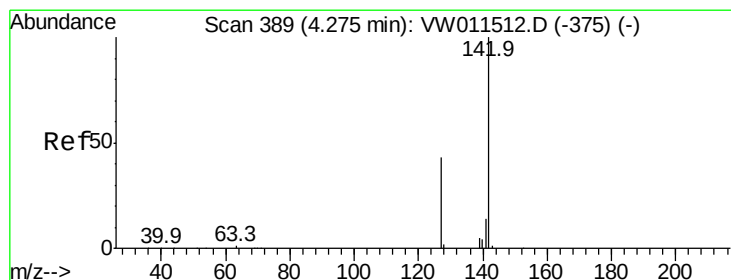
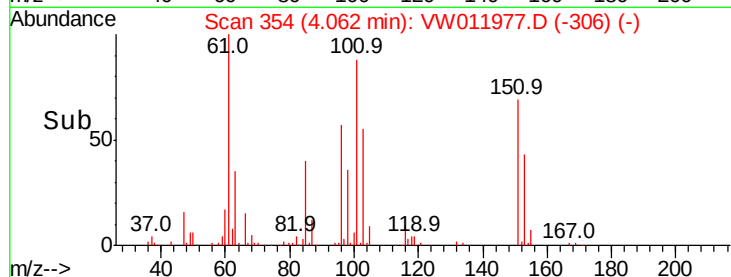
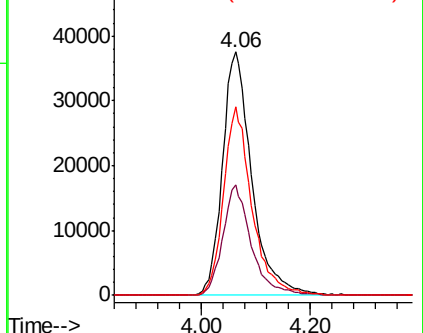
151 74.9 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.439 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

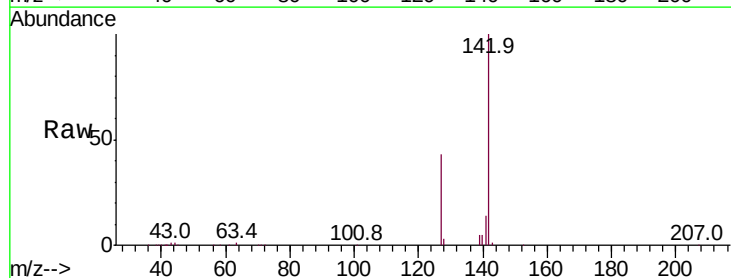
Tgt Ion:142 Resp: 191542

Ion Ratio Lower Upper

142 100

127 43.2 35.0 52.6

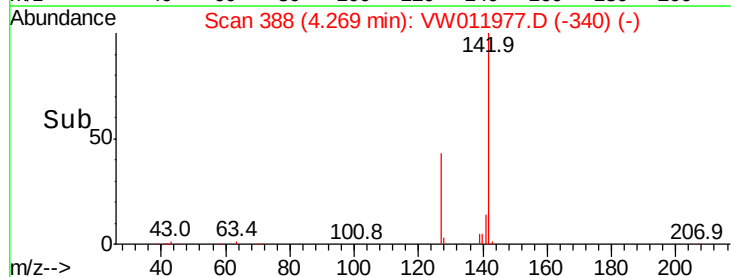
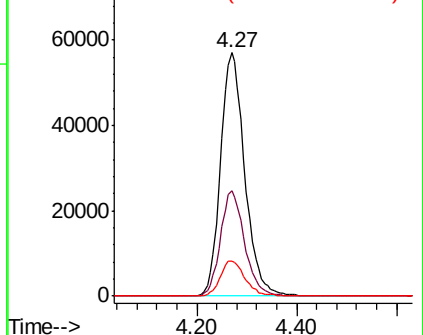
141 14.8 11.9 17.9

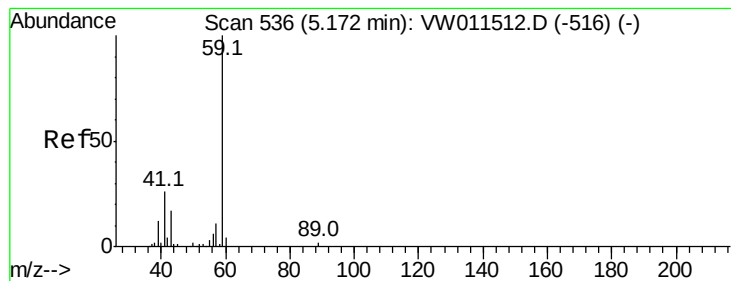


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



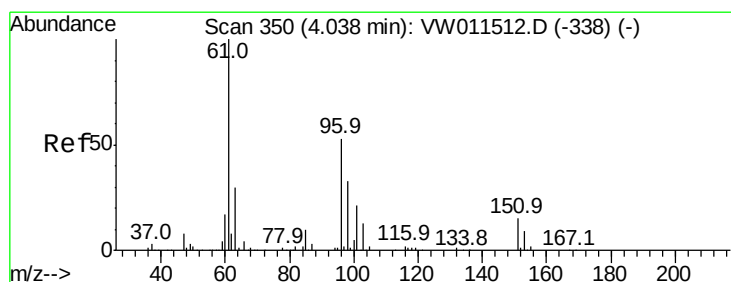
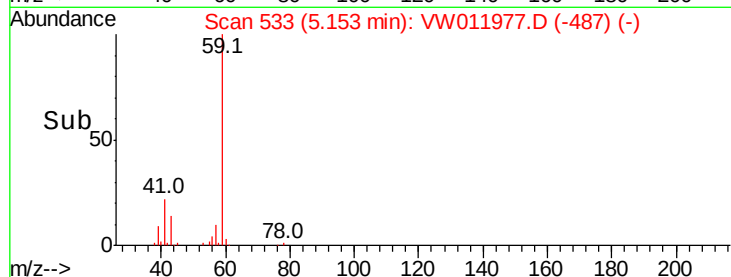
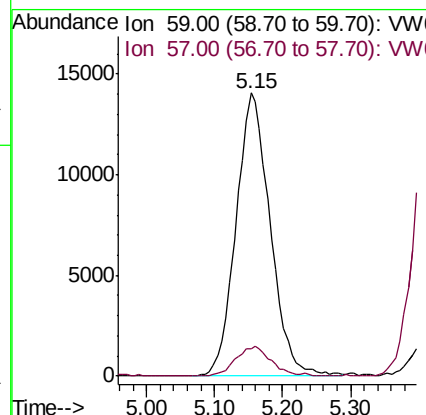
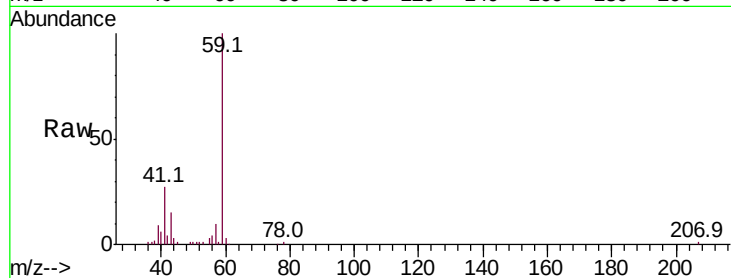


#11

Tert butyl alcohol
 Concen: 218.778 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

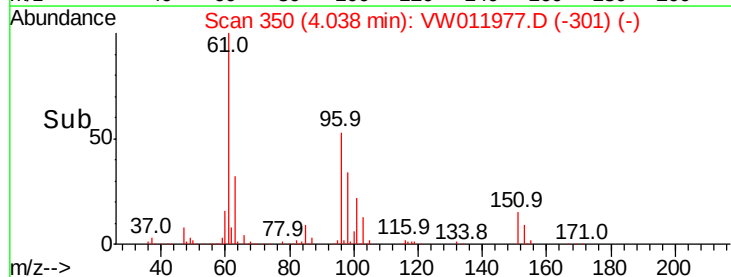
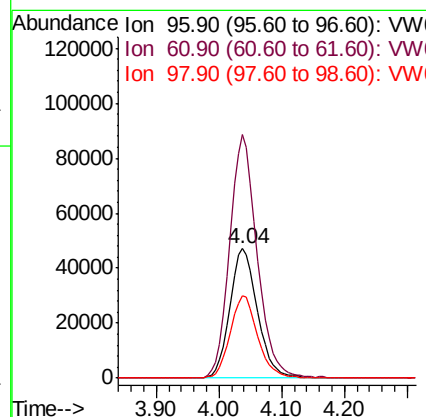
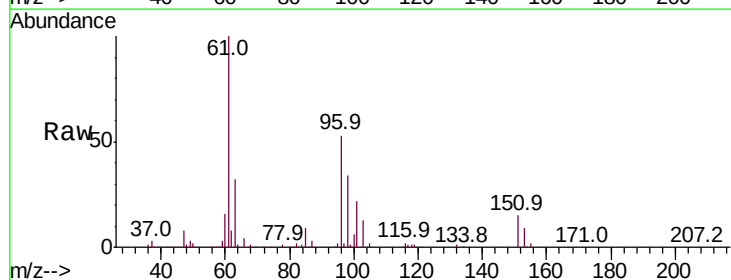
Tot Ion: 59 Resp: 49077
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.5 12.7

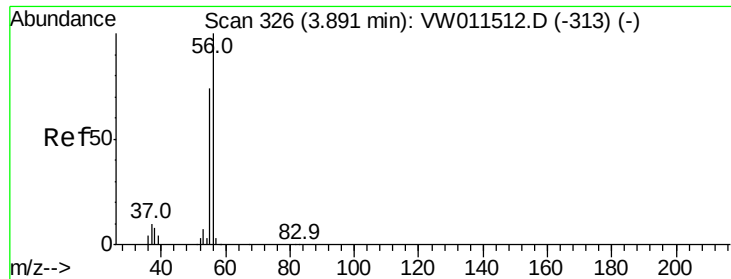


#12

1,1-Dichloroethene
 Concen: 52.829 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 96 Resp: 144173
 Ion Ratio Lower Upper
 96 100
 61 188.0 149.9 224.9
 98 63.7 49.1 73.7





#13

Acrolein

Concen: 181.919 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

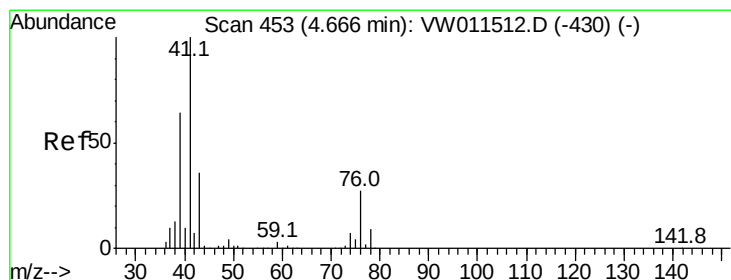
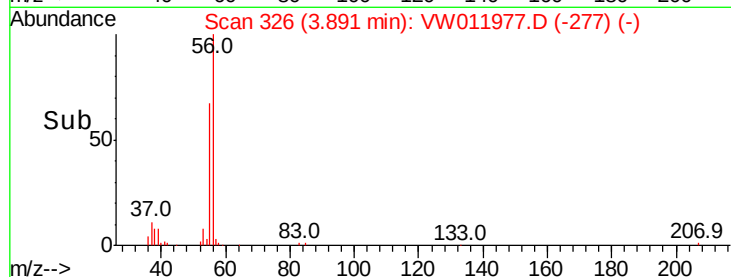
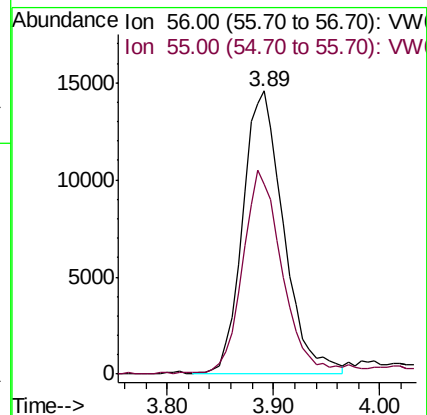
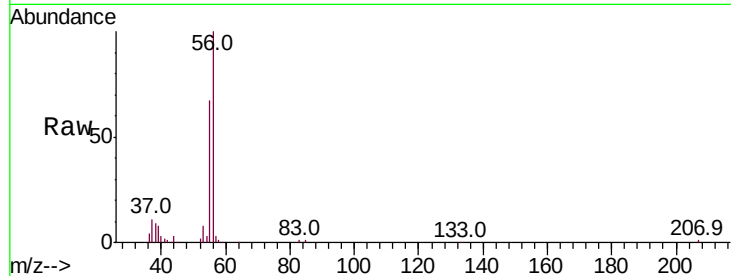
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 39277

Ion Ratio Lower Upper

56 100

55 67.9 56.0 84.0



#14

Allyl chloride

Concen: 53.284 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

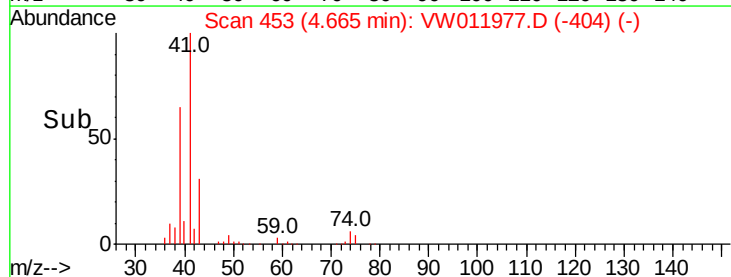
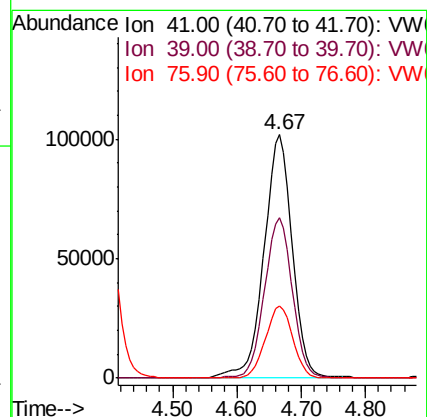
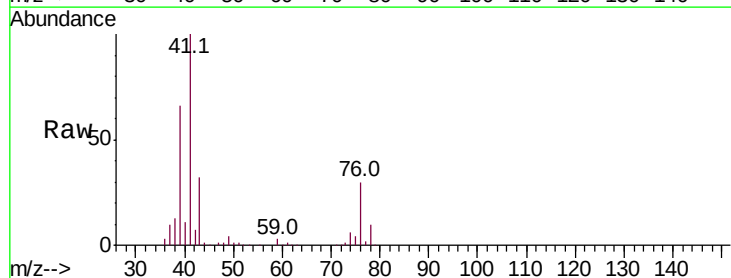
Tgt Ion: 41 Resp: 309287

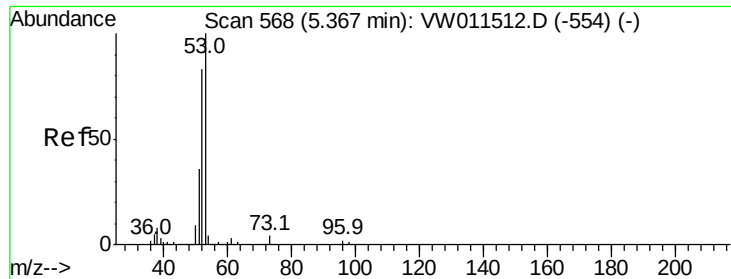
Ion Ratio Lower Upper

41 100

39 65.2 52.6 78.8

76 28.9 22.0 33.0





#15

Acrylonitrile

Concen: 247.355 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

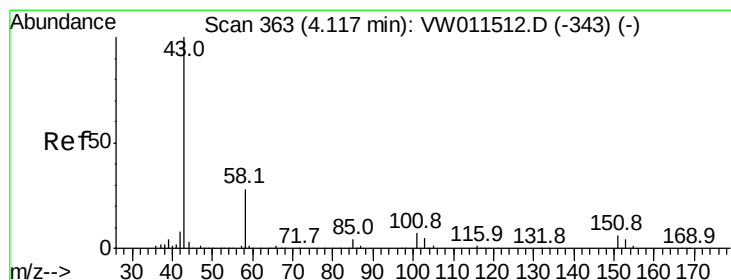
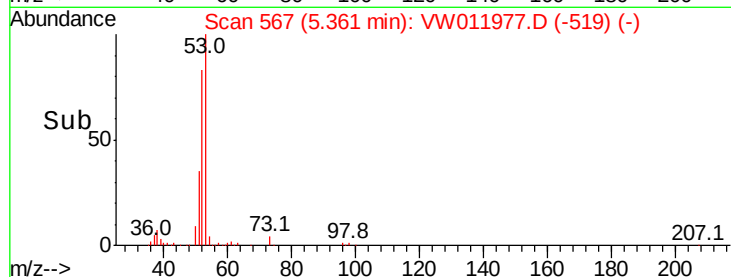
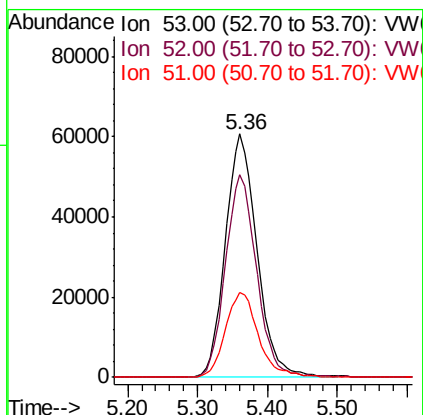
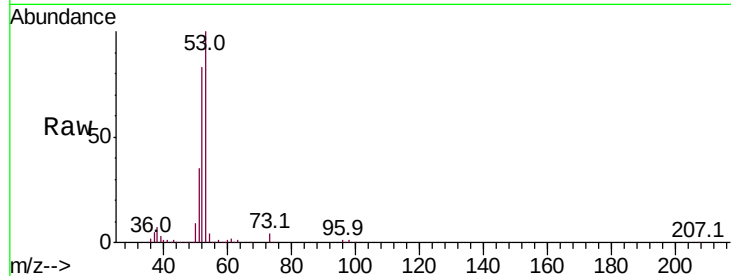
Tot Ion: 53 Resp: 190756

Ion Ratio Lower Upper

53 100

52 82.2 67.2 100.8

51 36.6 30.0 45.0



#16

Acetone

Concen: 285.912 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW011977.D

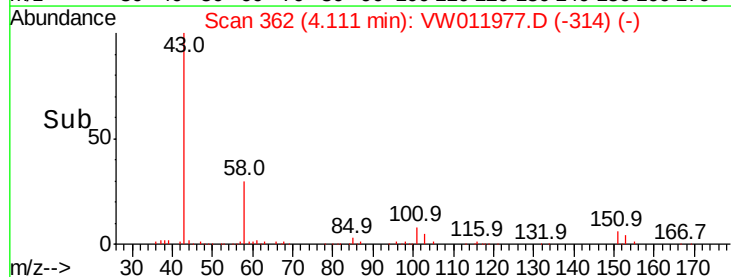
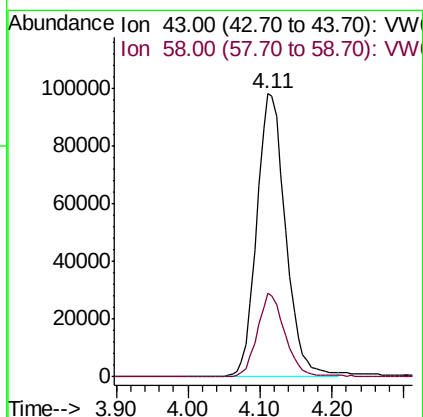
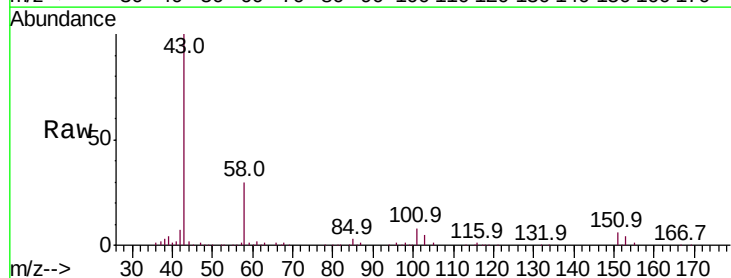
Acq: 19 Aug 2019 08:48

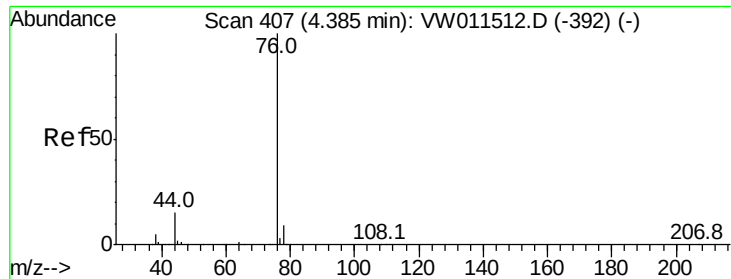
Tgt Ion: 43 Resp: 273661

Ion Ratio Lower Upper

43 100

58 29.5 22.3 33.5





#17

Carbon Disulfide

Concen: 50.613 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

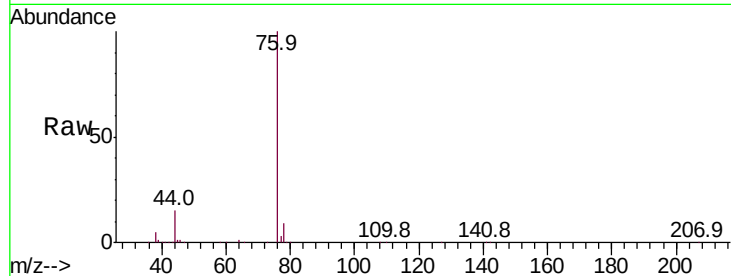
ClientSampleId :

Tot Ion: 76 Resp: 432317

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

150000

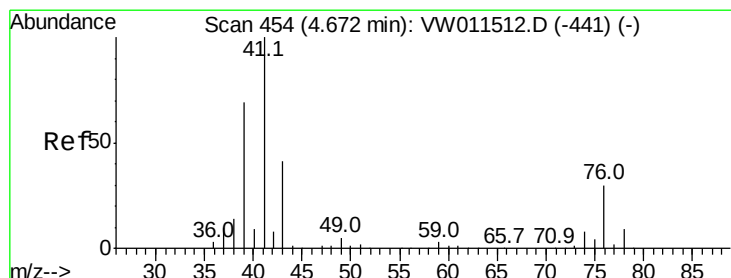
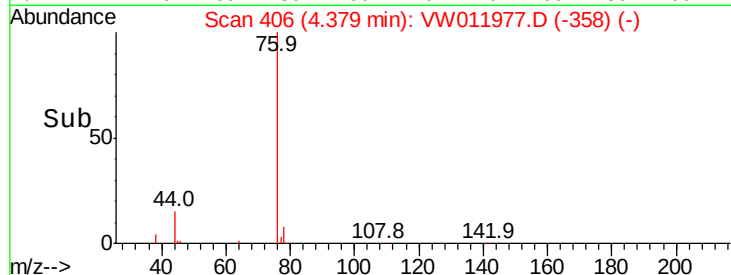
100000

50000

0

4.20 4.30 4.40 4.50 4.60

Time-->



#18

Methyl Acetate

Concen: 44.826 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011977.D

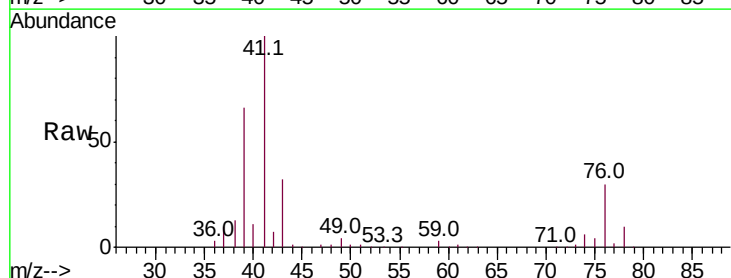
Acq: 19 Aug 2019 08:48

Tgt Ion: 43 Resp: 96387

Ion Ratio Lower Upper

43 100

74 20.2 15.9 23.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

30000

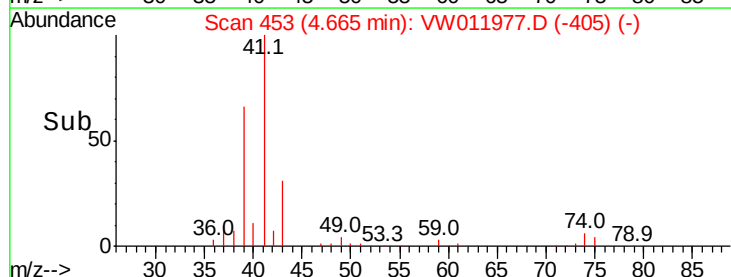
20000

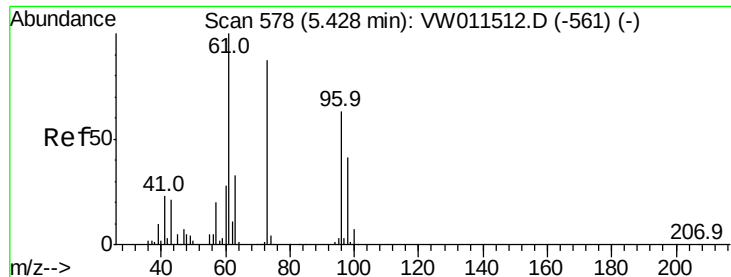
10000

0

4.50 4.60 4.70 4.80

Time-->



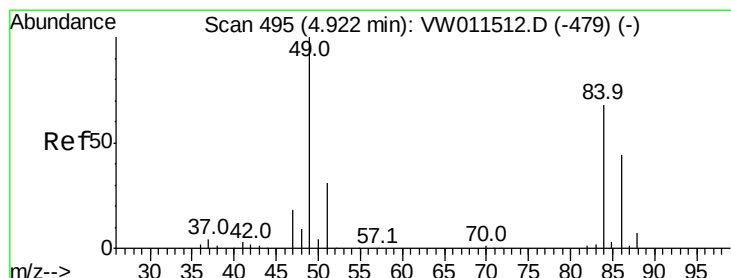
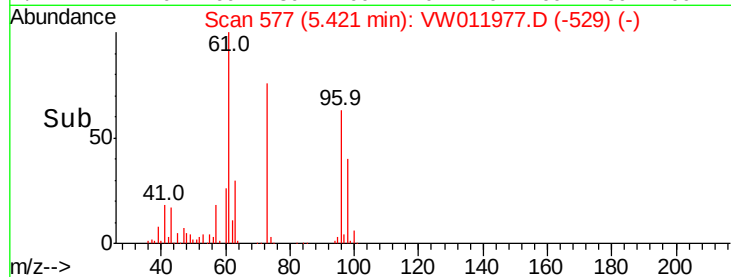
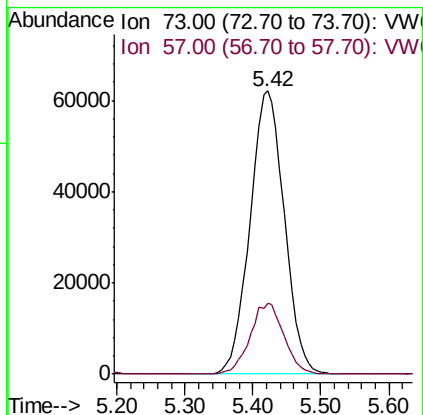
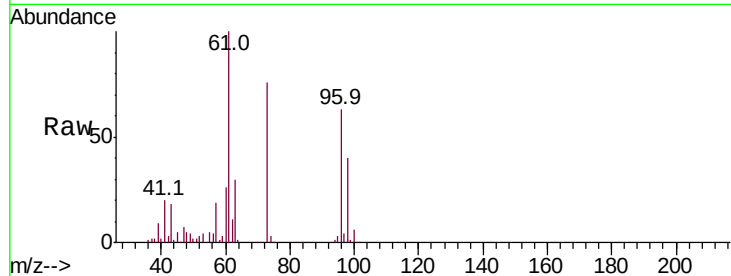


#19

Methyl tert-butyl Ether
 Concen: 50.469 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

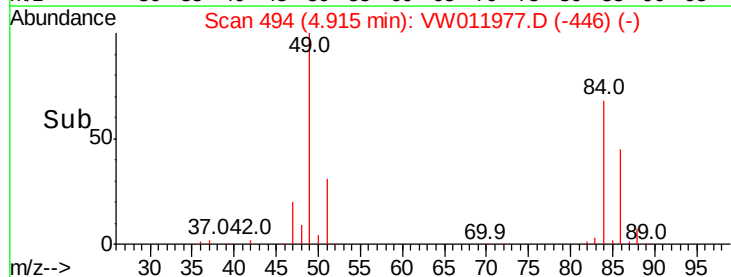
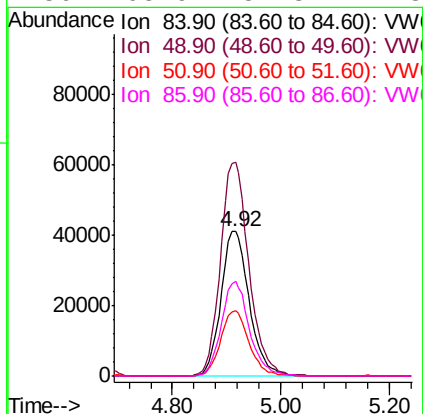
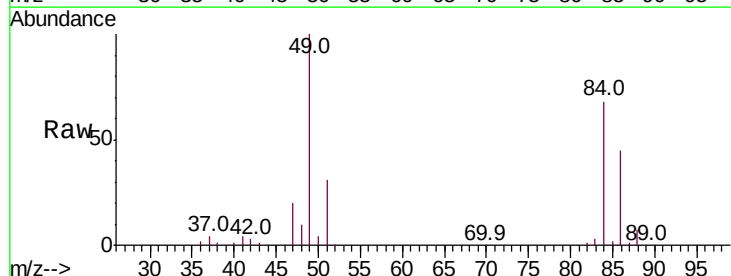
Tot Ion: 73 Resp: 218566
 Ion Ratio Lower Upper
 73 100
 57 25.0 18.4 27.6

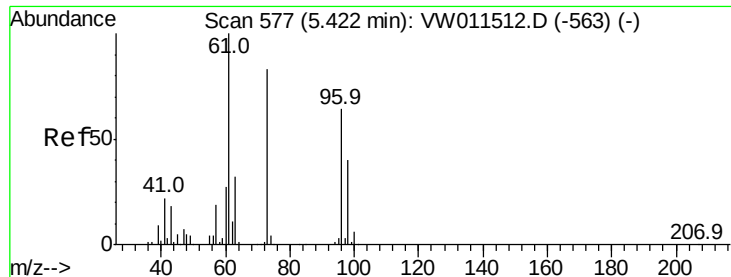


#20

Methylene Chloride
 Concen: 45.070 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 84 Resp: 148777
 Ion Ratio Lower Upper
 84 100
 49 147.8 117.8 176.6
 51 45.1 37.0 55.4
 86 65.9 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 52.257 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

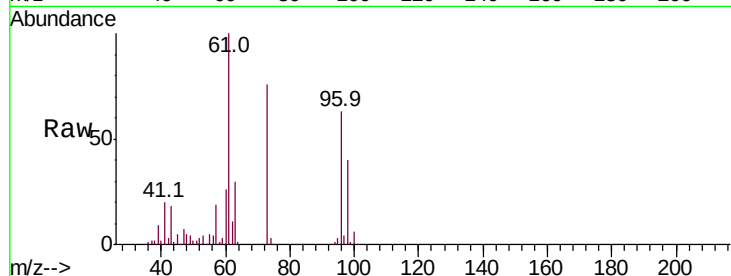
Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 96 Resp: 153752

Ion	Ratio	Lower	Upper
96	100		
61	159.4	125.7	188.5
98	64.0	50.3	75.5

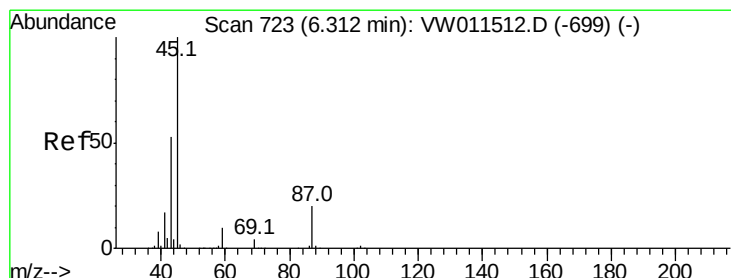
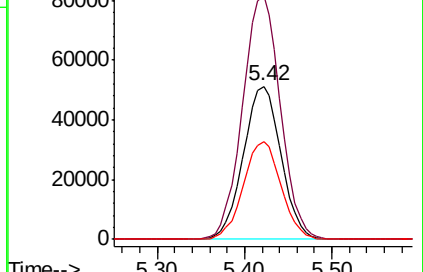
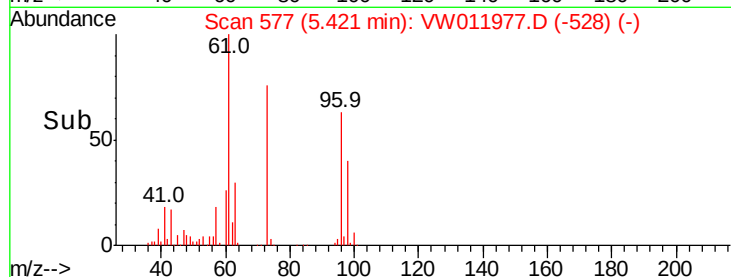


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 50.199 ug/l

RT: 6.31 min Scan# 722

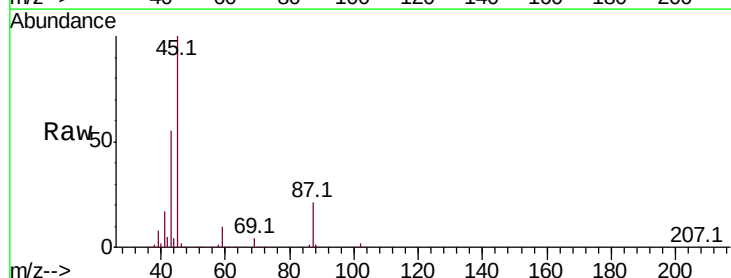
Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion: 45 Resp: 549349

Ion	Ratio	Lower	Upper
45	100		
43	54.6	42.6	63.8
87	21.1	16.4	24.6
59	10.4	8.2	12.2



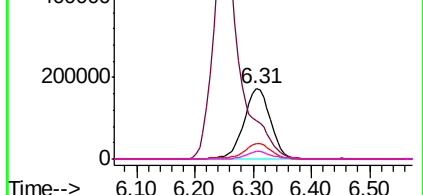
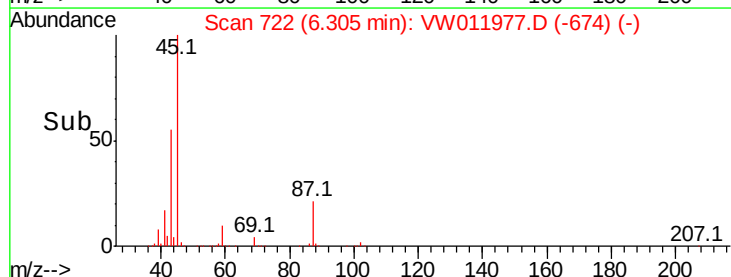
Abundance

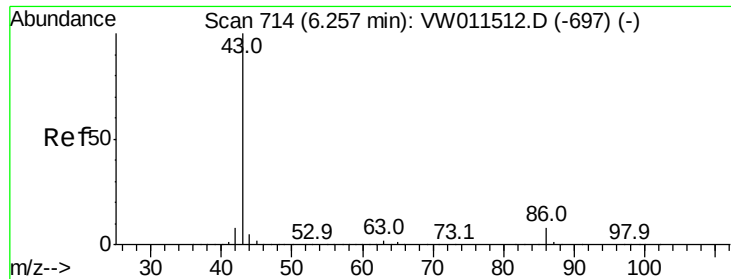
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 249.874 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

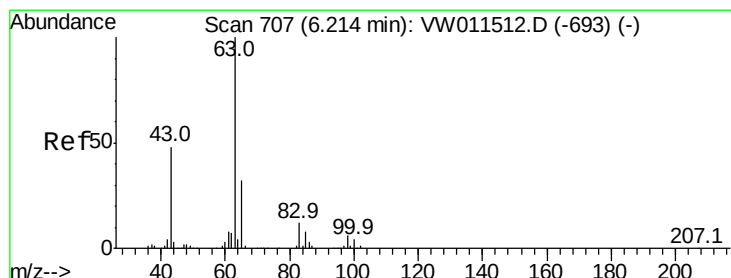
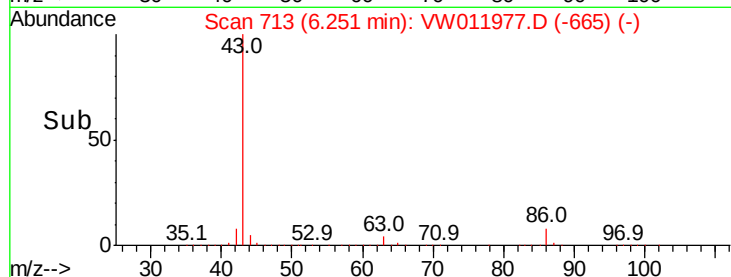
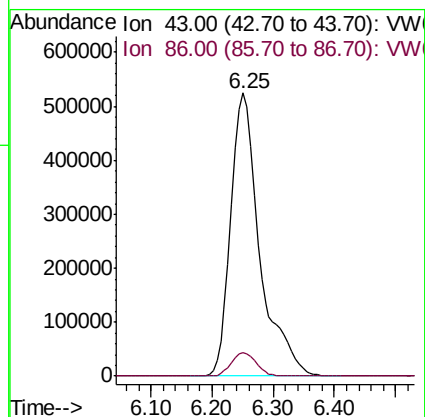
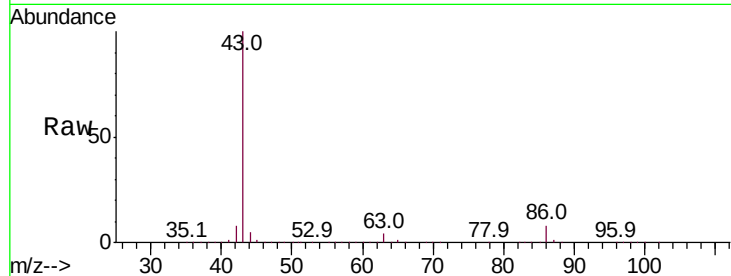
ClientSampleId :

Tot Ion: 43 Resp: 1718239

Ion Ratio Lower Upper

43 100

86 8.4 6.5 9.7



#24

1,1-Dichloroethane

Concen: 52.022 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

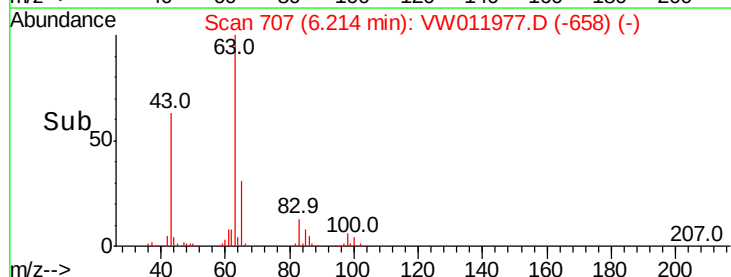
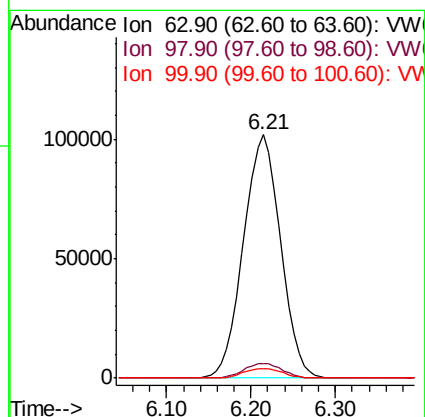
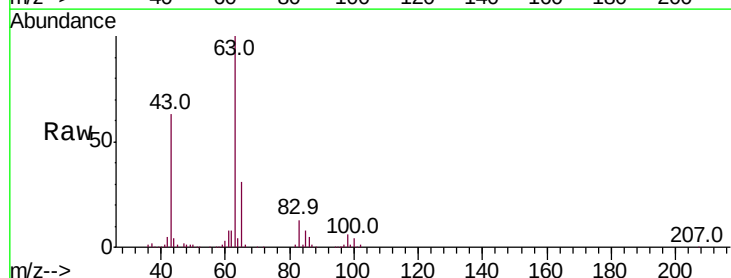
Tgt Ion: 63 Resp: 304903

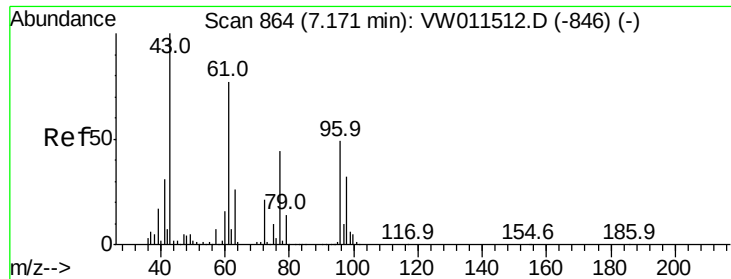
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 254.509 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

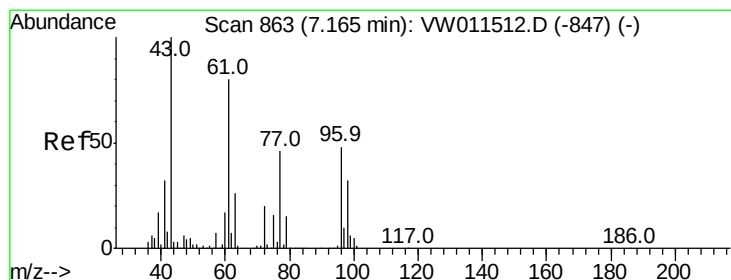
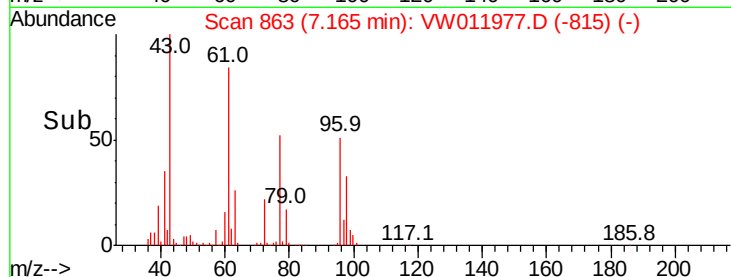
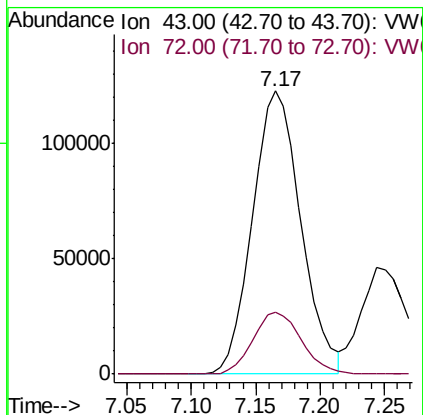
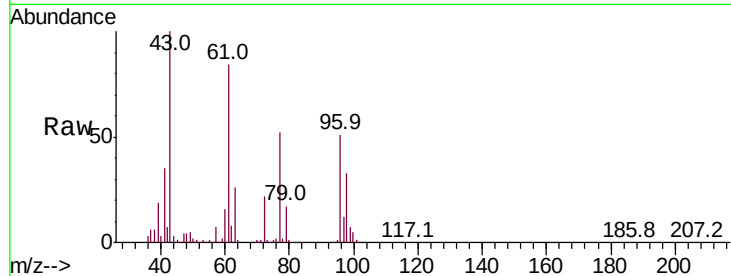
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 318762

Ion Ratio Lower Upper

43 100

72 22.1 16.6 24.8



#26

2,2-Dichloropropane

Concen: 50.469 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011977.D

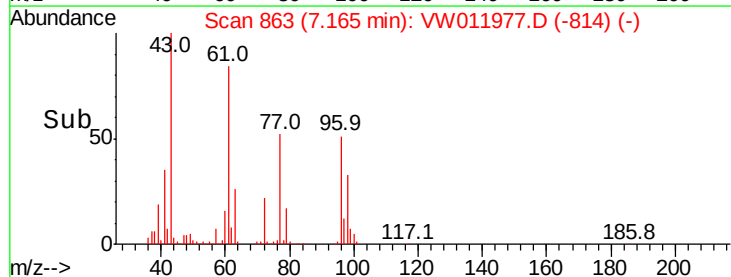
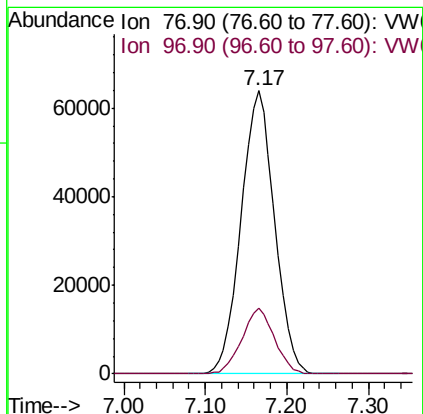
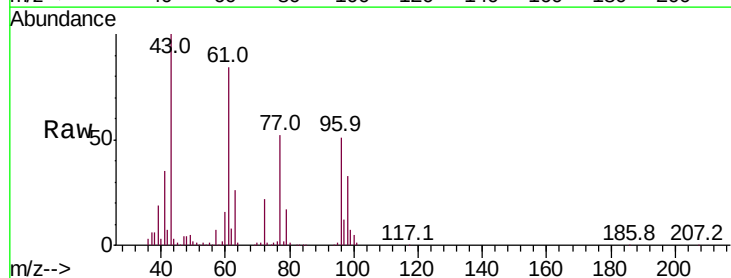
Acq: 19 Aug 2019 08:48

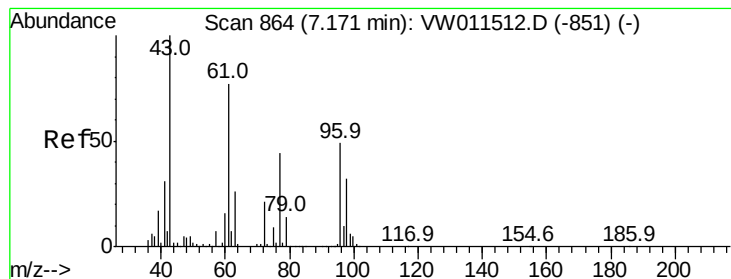
Tgt Ion: 77 Resp: 181913

Ion Ratio Lower Upper

77 100

97 22.5 10.8 32.4



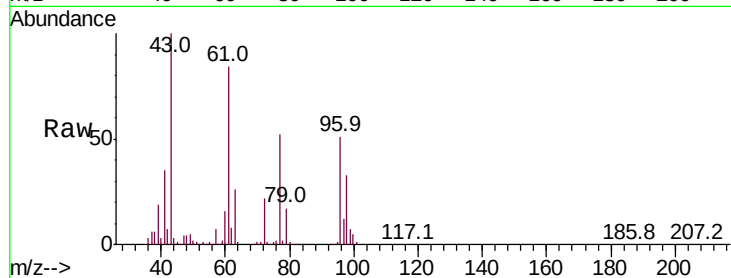


#27

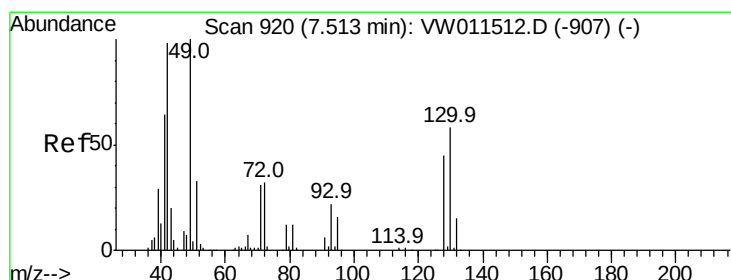
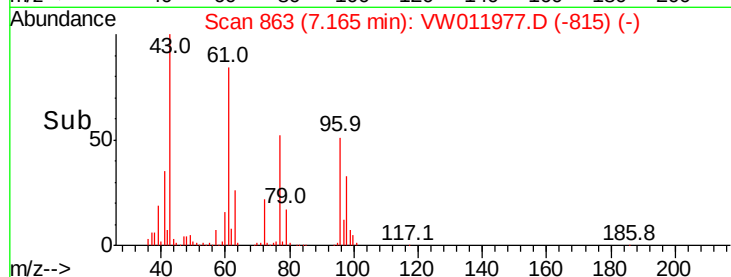
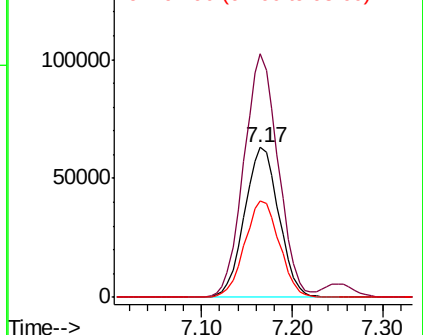
cis-1,2-Dichloroethene
 Concen: 51.110 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	328.4
98	64.9	0.0	128.8



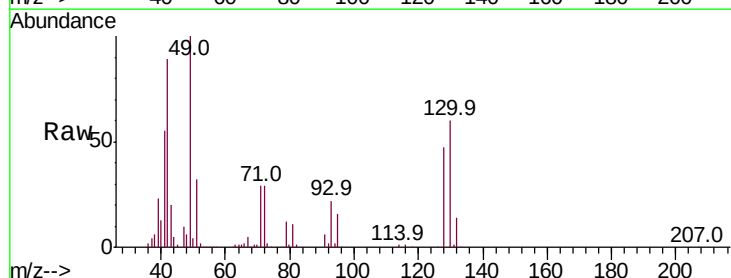
Abundance Ion 95.90 (95.60 to 96.60): VW
 Ion 60.90 (60.60 to 61.60): VW
 Ion 97.90 (97.60 to 98.60): VW



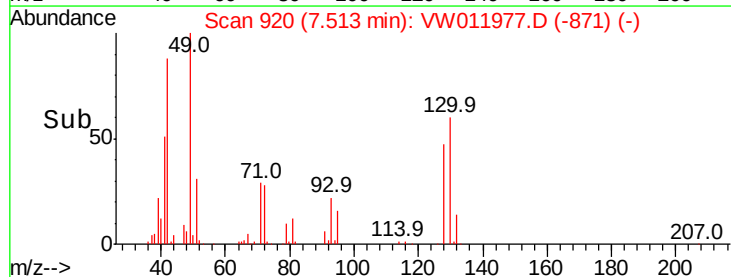
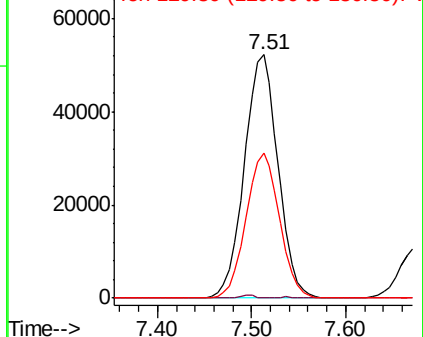
#28

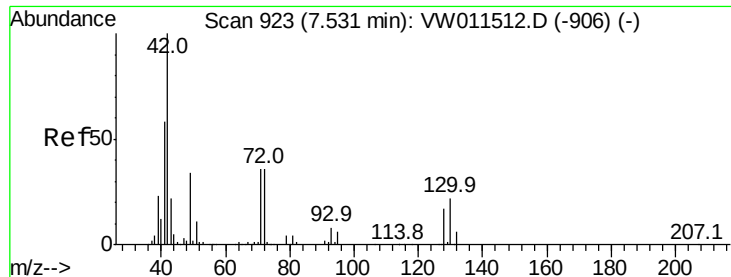
Bromochloromethane
 Concen: 50.347 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	1.0
130	59.3	46.3	69.5



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

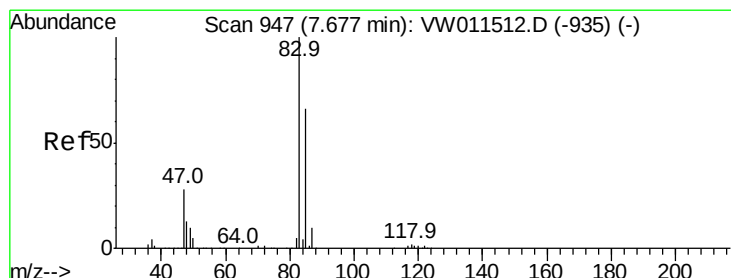
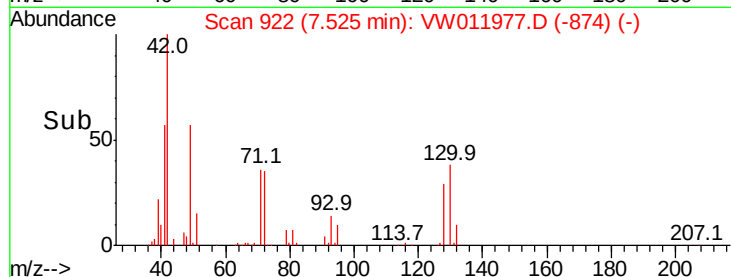
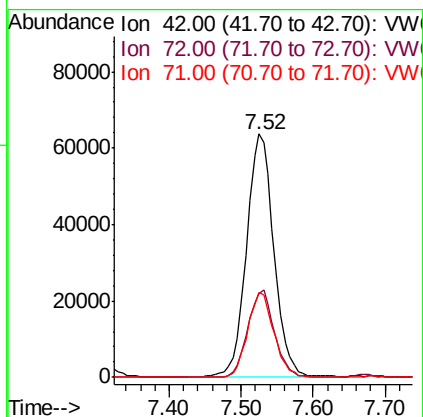
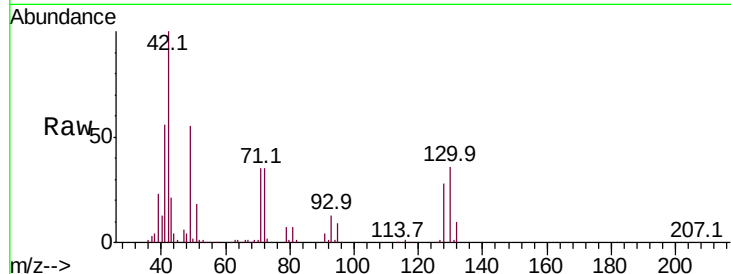




#29
Tetrahydrofuran
Concen: 233.675 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

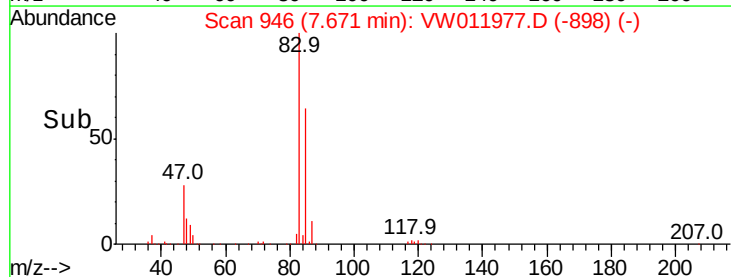
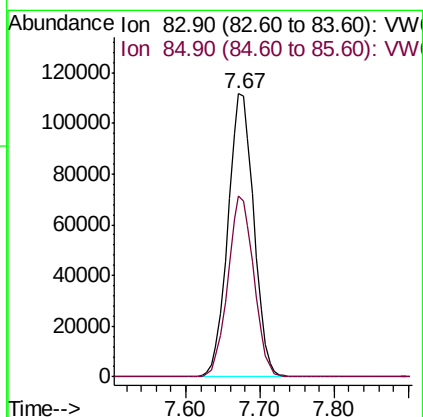
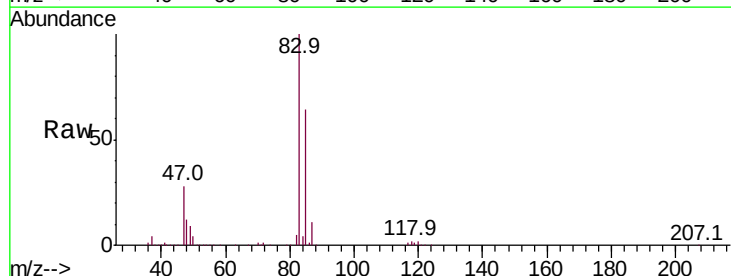
Instrument :
MSVOA_W
ClientSampleId :

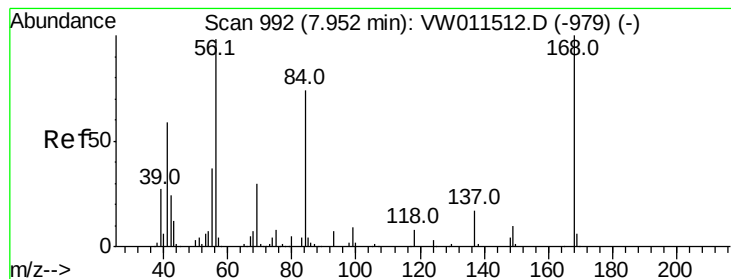
Tot Ion: 42 Resp: 167292
Ion Ratio Lower Upper
42 100
72 35.0 27.1 40.7
71 33.6 26.2 39.4



#30
Chloroform
Concen: 50.163 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 83 Resp: 271242
Ion Ratio Lower Upper
83 100
85 64.0 52.5 78.7





#31

Cyclohexane

Concen: 51.373 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :

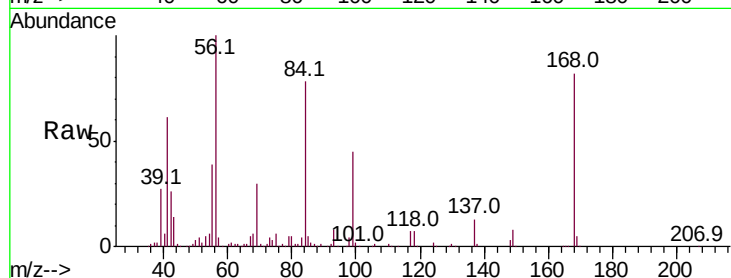
Tot Ion: 56 Resp: 289025

Ion Ratio Lower Upper

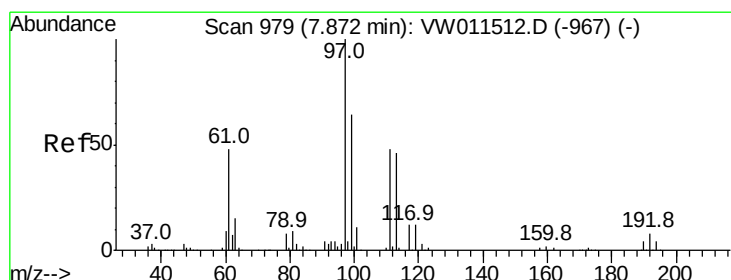
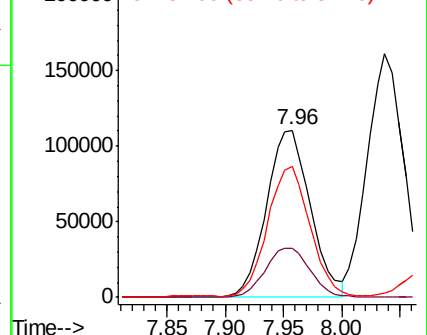
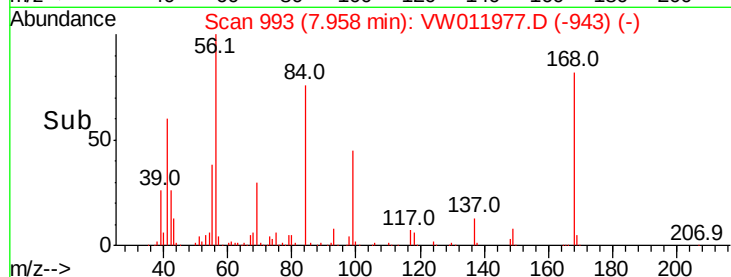
56 100

69 29.7 24.3 36.5

84 77.0 60.4 90.6



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: 54.558 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

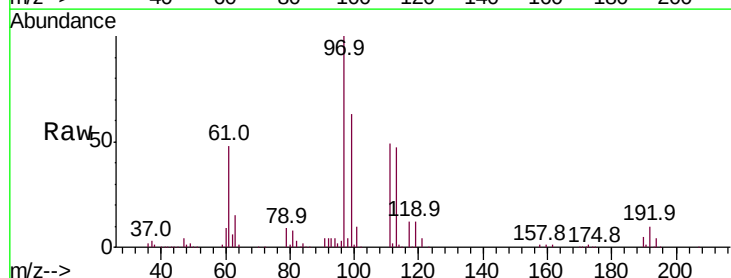
Tgt Ion: 97 Resp: 224666

Ion Ratio Lower Upper

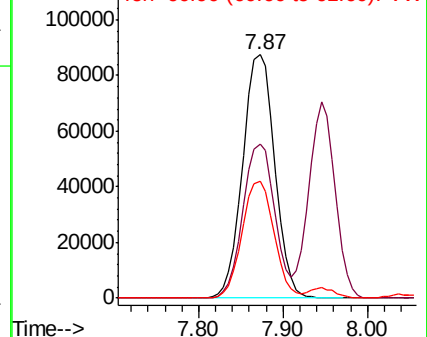
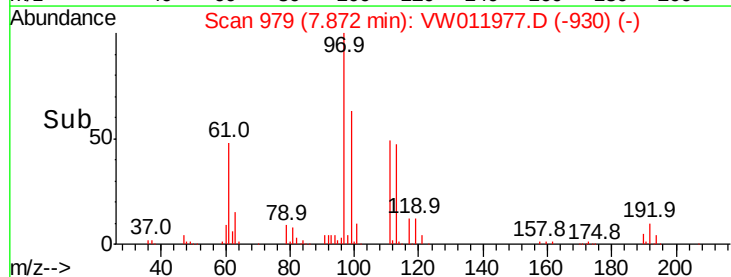
97 100

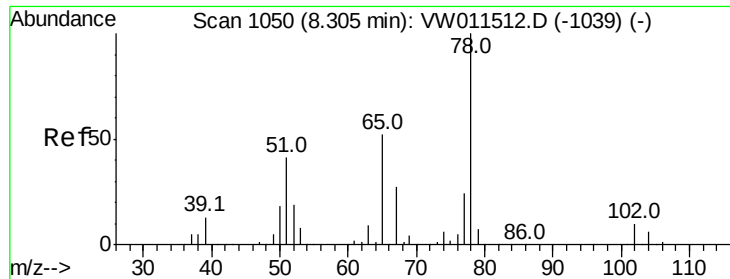
99 63.3 51.0 76.6

61 48.0 39.8 59.6



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

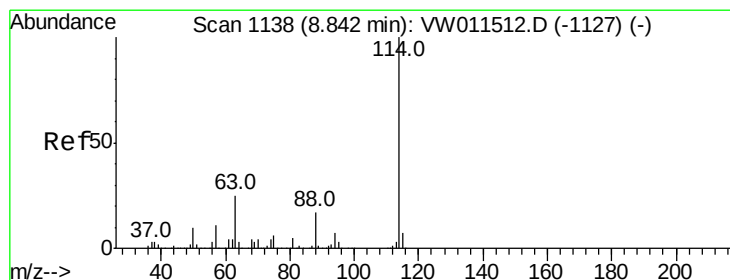
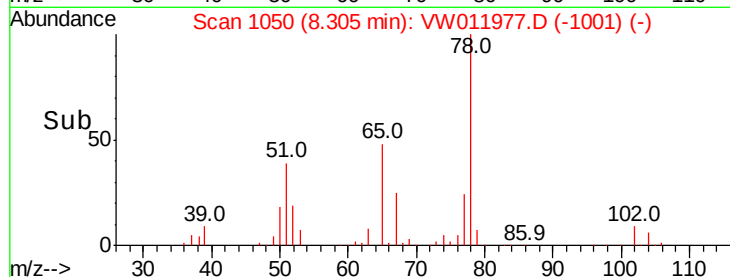
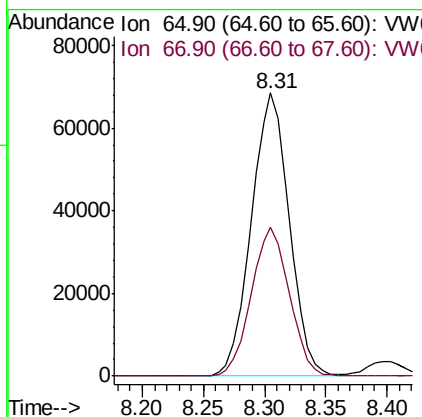
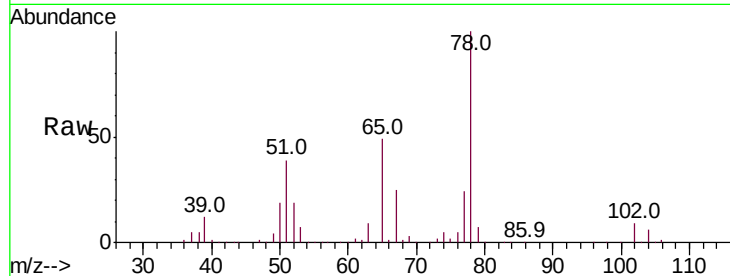




#33
 1,2-Dichloroethane-d4
 Concen: 49.123 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

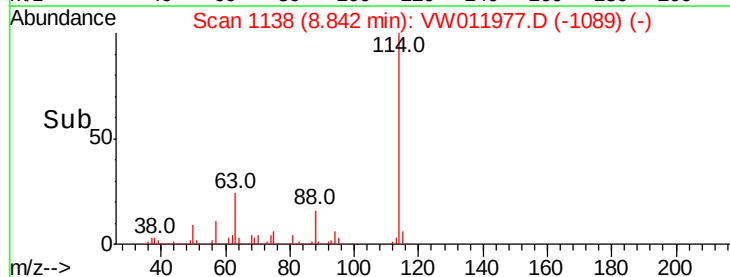
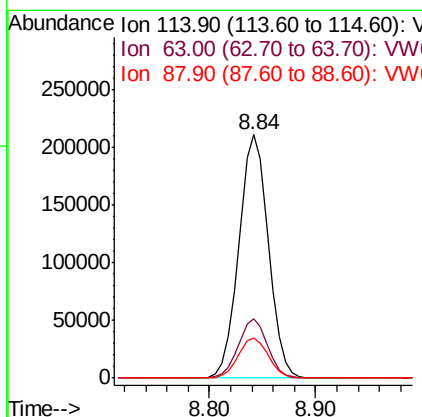
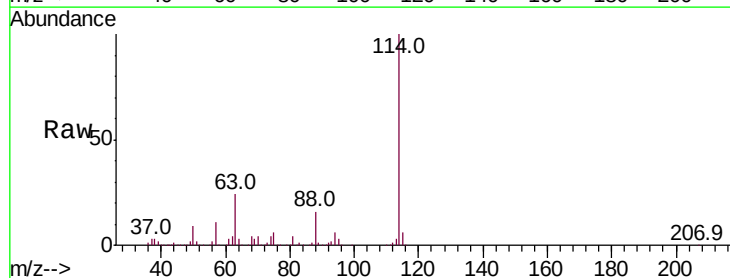
Instrument :
 MSVOA_W
 ClientSampled :

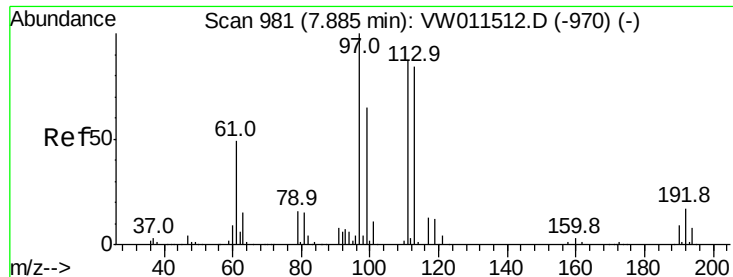
Tot Ion: 65 Resp: 147811
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 114 Resp: 411279
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.4 0.0 33.8

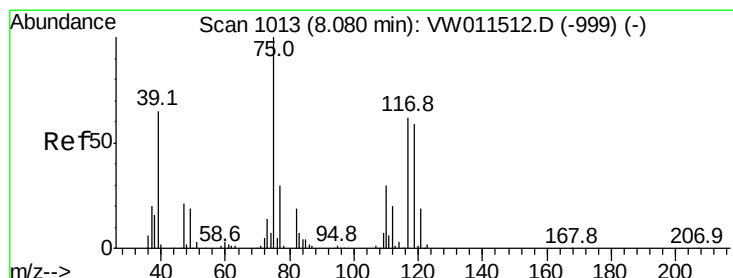
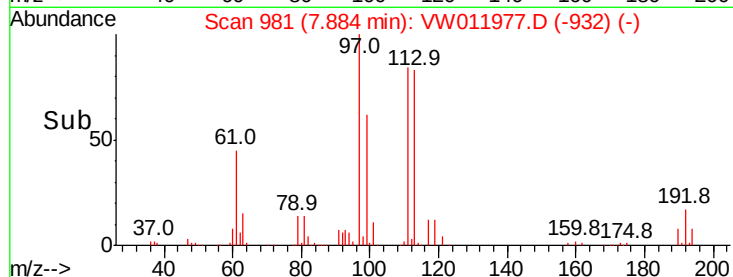
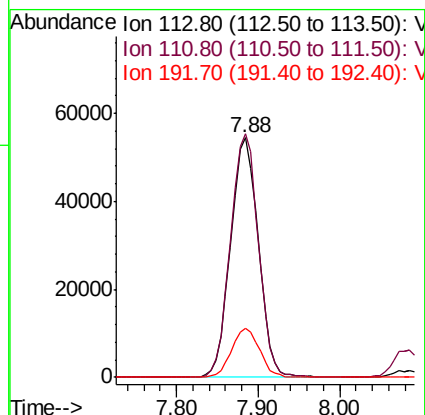
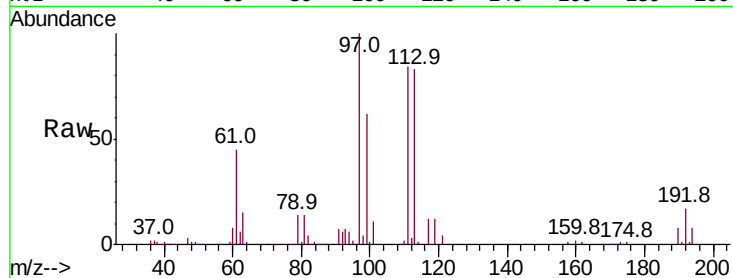




#35
 Dibromofluoromethane
 Concen: 55.398 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

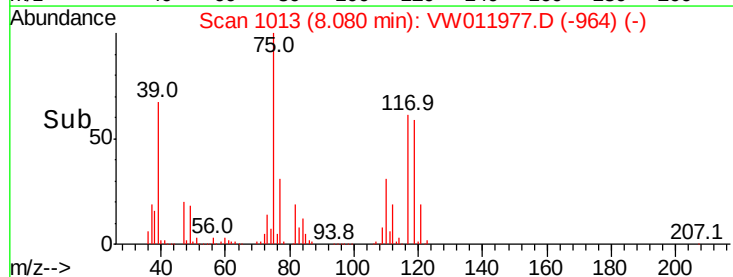
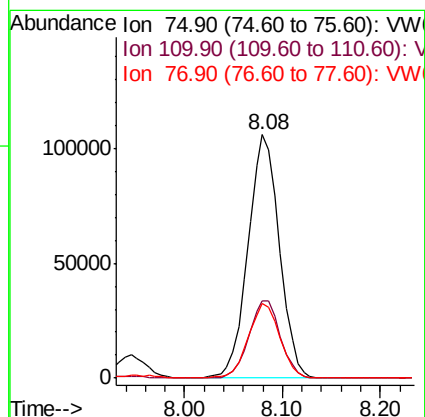
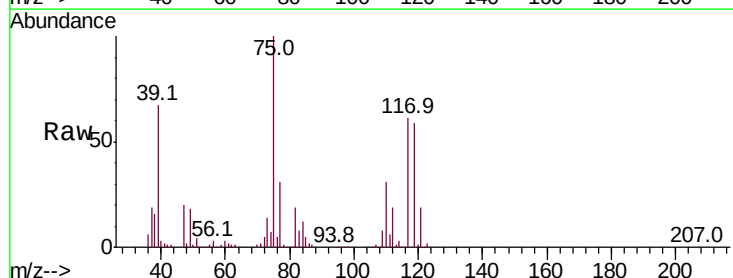
Instrument :
 MSVOA_W
 ClientSampleId :

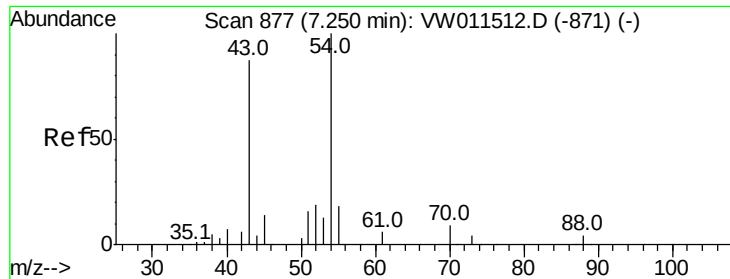
Tot Ion:113 Resp: 127822
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.7 124.1
 192 20.5 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 55.123 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 75 Resp: 235735
 Ion Ratio Lower Upper
 75 100
 110 31.8 15.6 46.8
 77 30.9 24.3 36.5

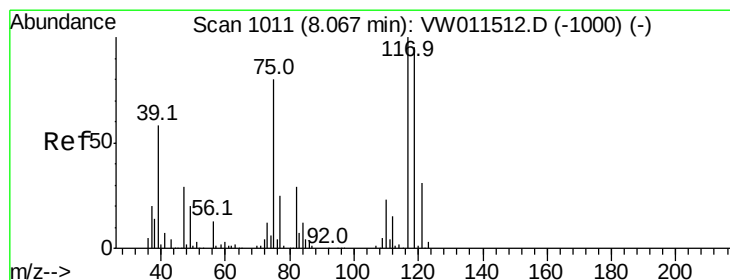
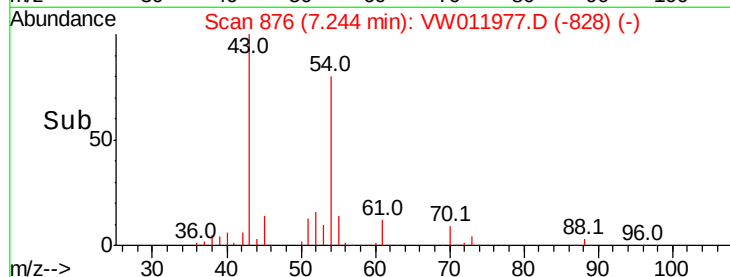
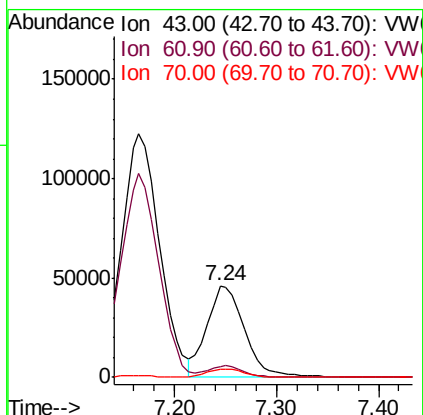
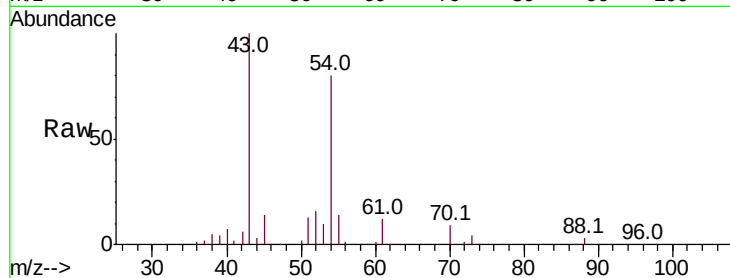




#37
Ethyl Acetate
Concen: 47.450 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

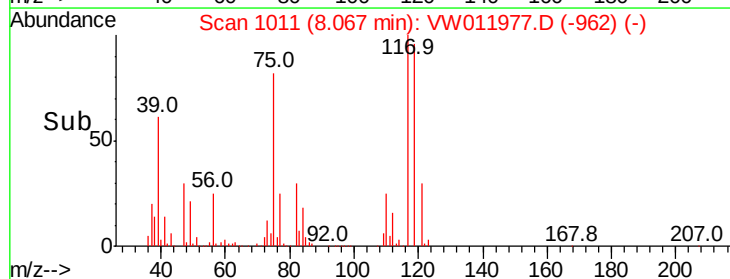
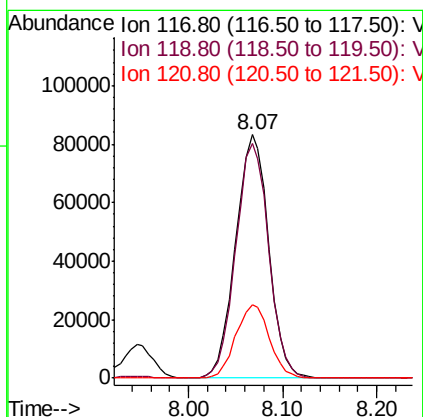
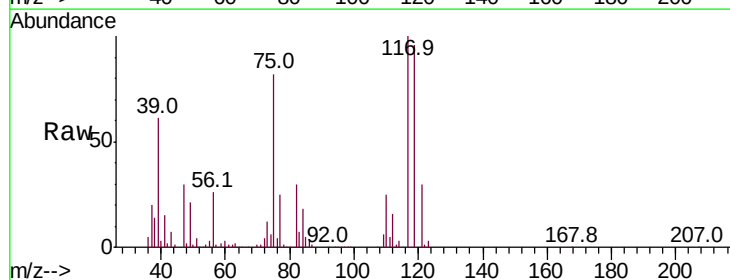
Instrument :
MSVOA_W
ClientSampleId :

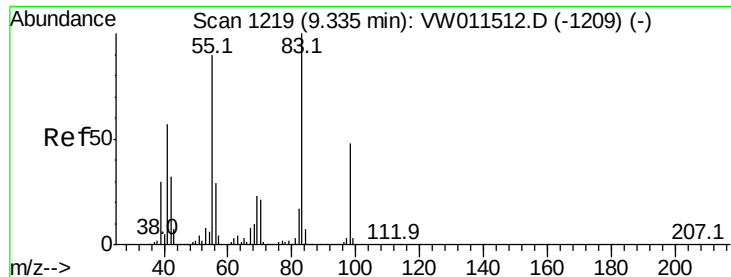
Tot Ion: 43 Resp: 116746
Ion Ratio Lower Upper
43 100
61 12.3 8.8 13.2
70 9.3 7.1 10.7



#38
Carbon Tetrachloride
Concen: 55.618 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 117 Resp: 203620
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.6
121 30.0 24.7 37.1

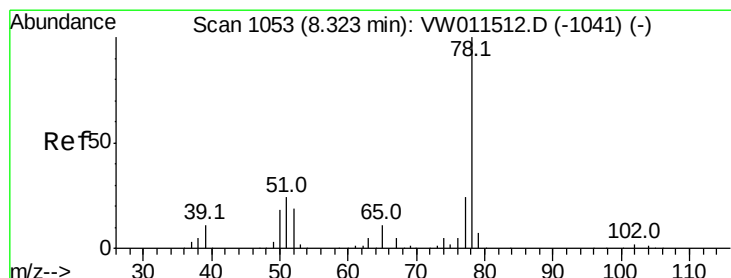
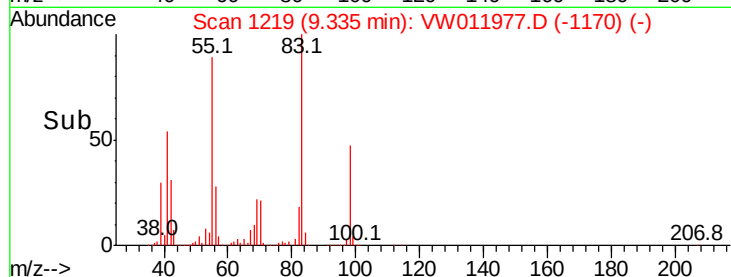
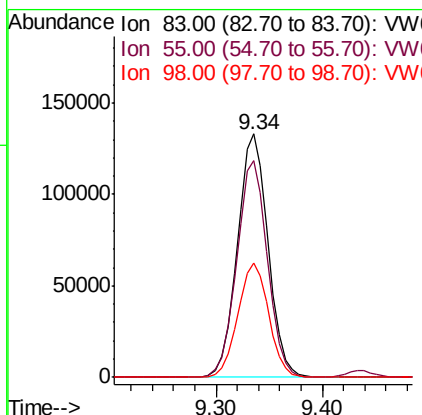
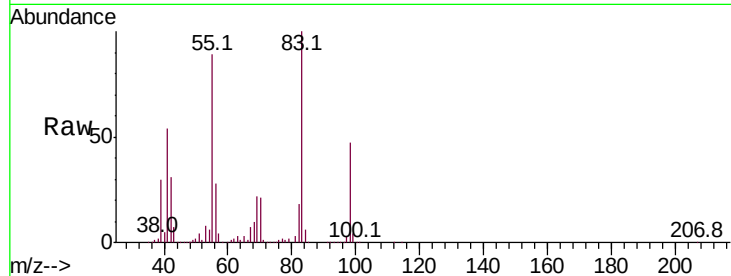




#39
Methylvlcyclohexane
Concen: 57.217 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

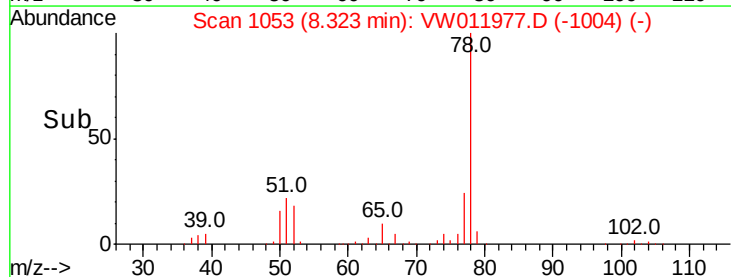
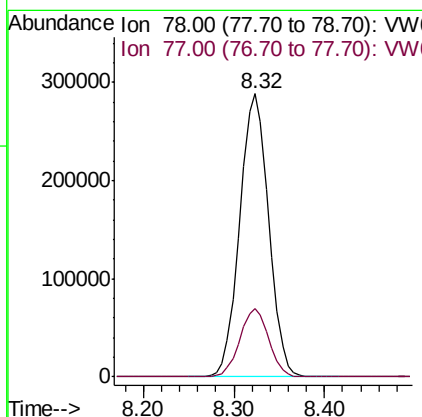
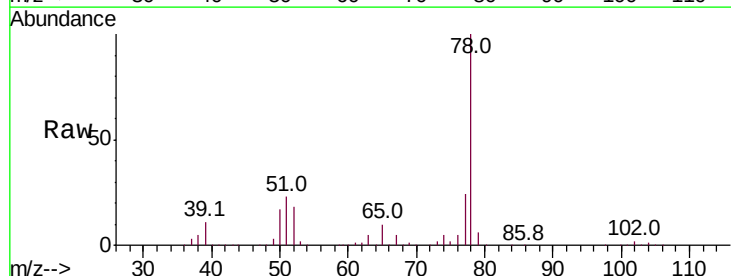
Instrument :
MSVOA_W
ClientSampleId :

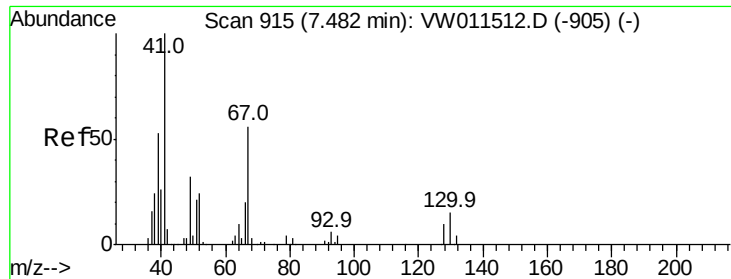
Tot Ion: 83 Resp: 269433
Ion Ratio Lower Upper
83 100
55 89.1 72.1 108.1
98 47.1 38.6 57.8



#40
Benzene
Concen: 53.126 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 78 Resp: 636394
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0

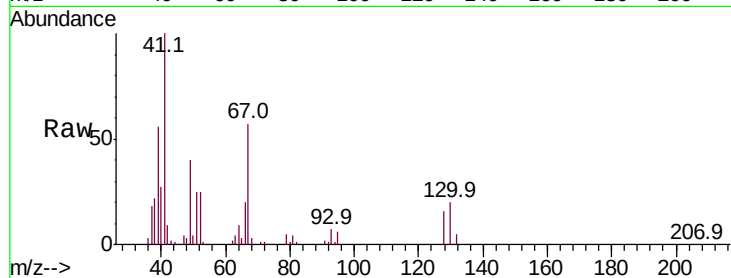




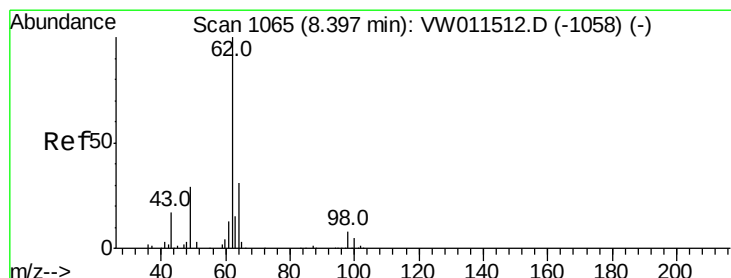
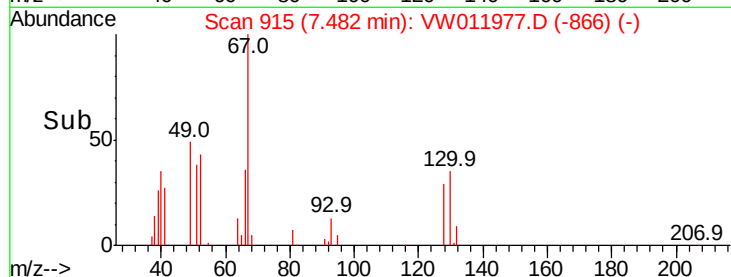
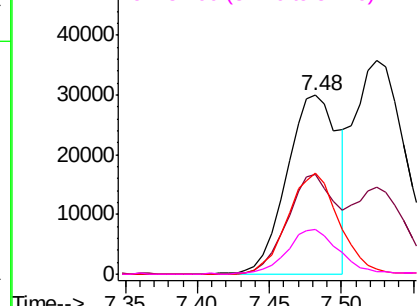
#41
Methacrylonitrile
Concen: 50.880 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	74833
Ion	Ratio	Lower	Upper
41	100		
39	52.2	43.0	64.4
67	56.6	47.5	71.3
52	25.5	21.0	31.6

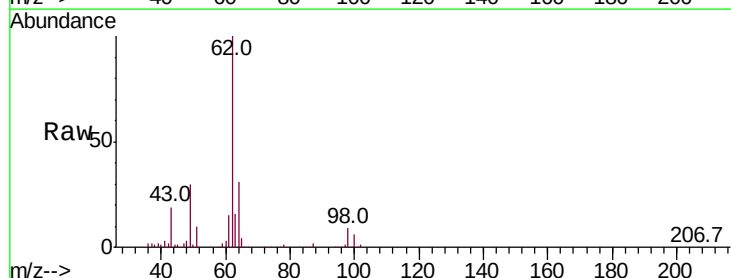


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

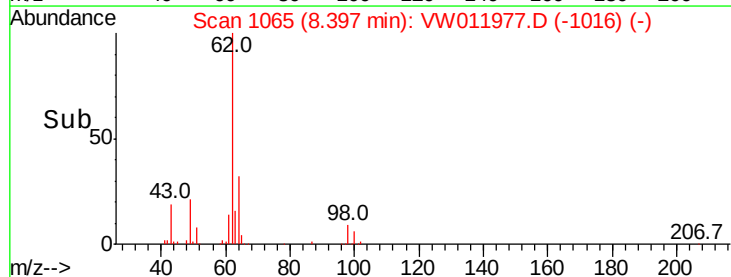
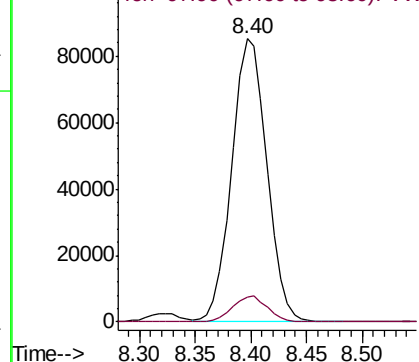


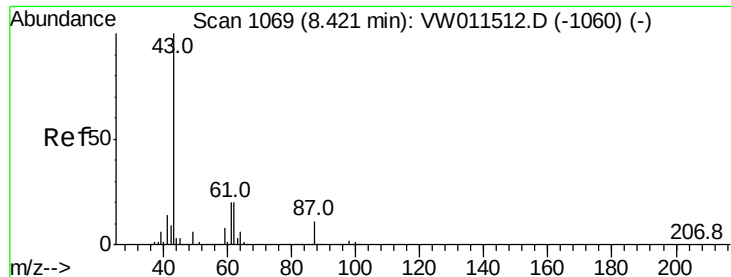
#42
1,2-Dichloroethane
Concen: 49.597 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:	62	Resp:	186010
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	16.8



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





#43

Isopropyl Acetate

Concen: 49.349 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampled :

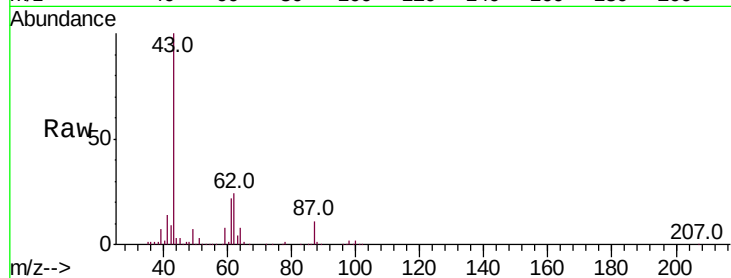
Tot Ion: 43 Resp: 223297

Ion Ratio Lower Upper

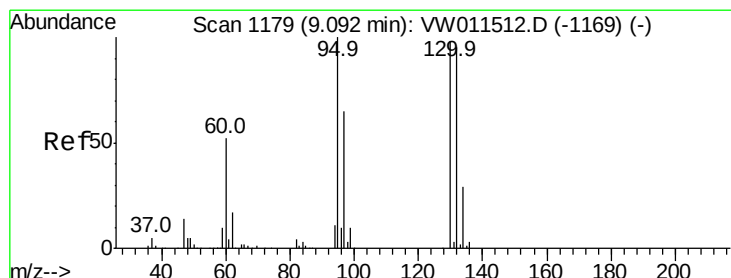
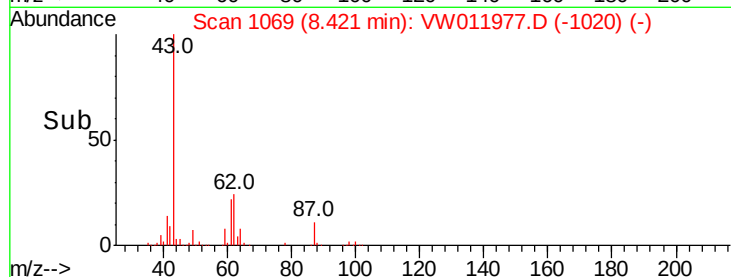
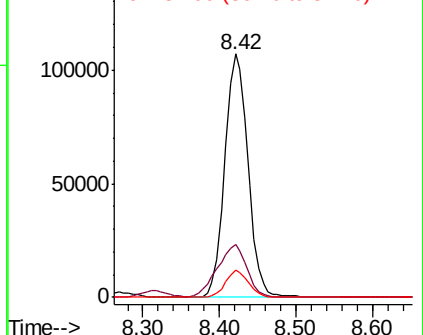
43 100

61 27.7 21.5 32.3

87 10.9 8.4 12.6



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



#44

Trichloroethene

Concen: 55.214 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011977.D

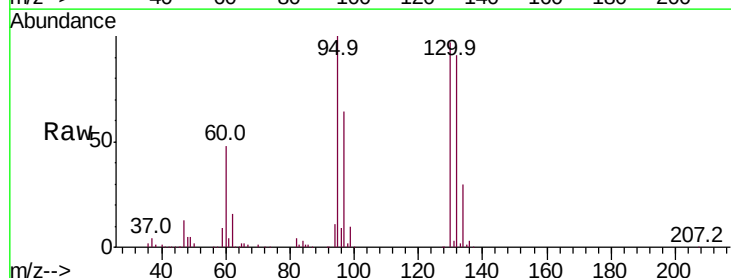
Acq: 19 Aug 2019 08:48

Tgt Ion:130 Resp: 158965

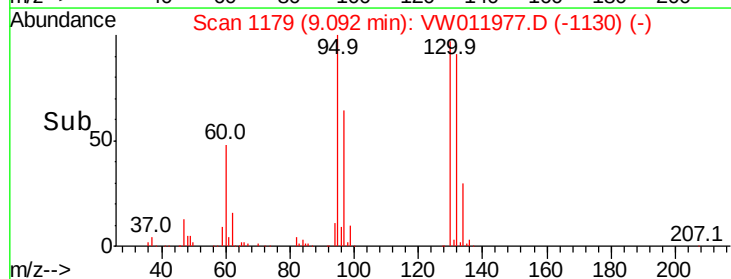
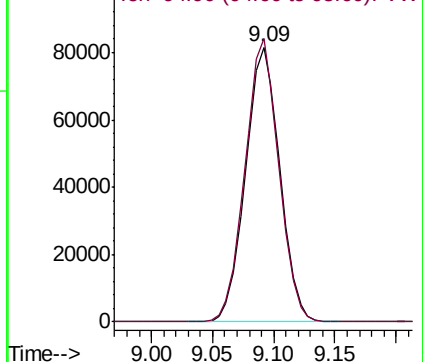
Ion Ratio Lower Upper

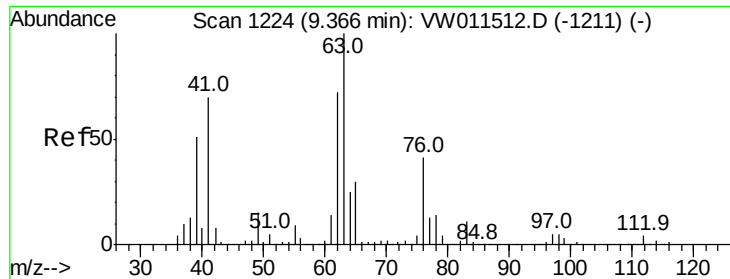
130 100

95 102.9 0.0 204.8



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

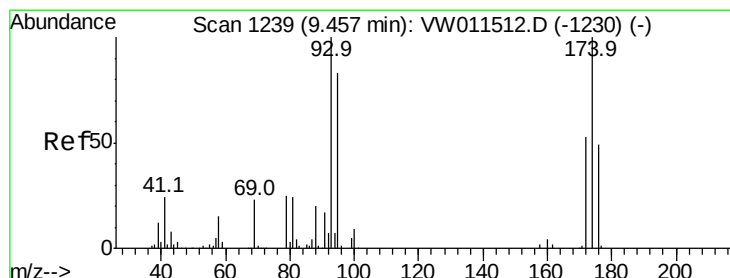
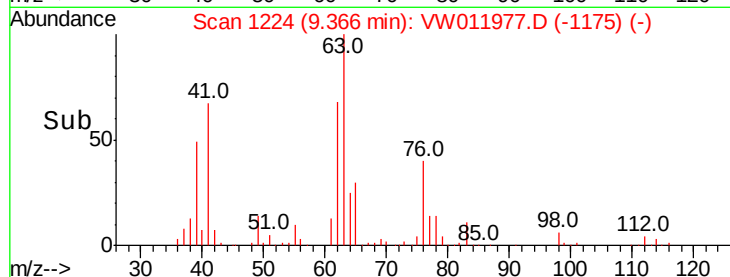
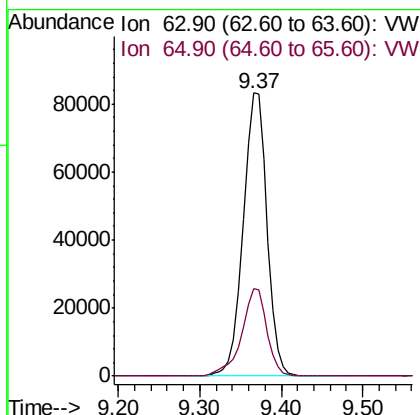
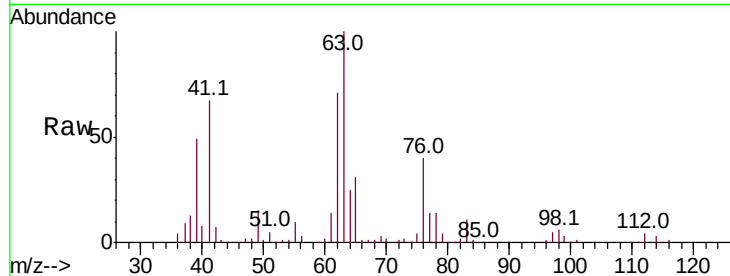




#45
 1,2-Dichloropropane
 Concen: 52.519 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

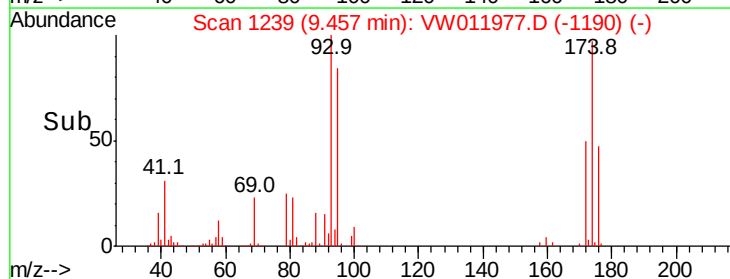
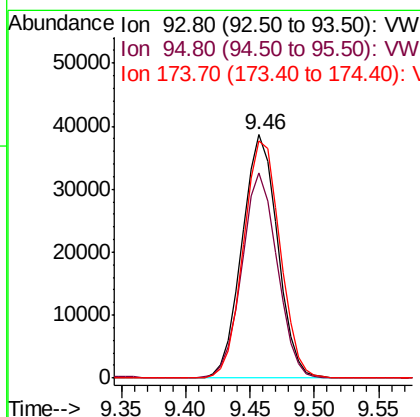
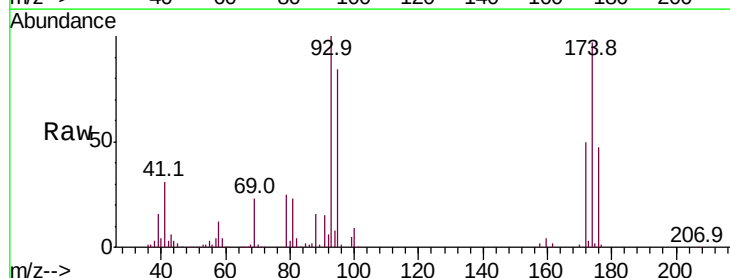
Instrument :
 MSVOA_W
 ClientSampleId :

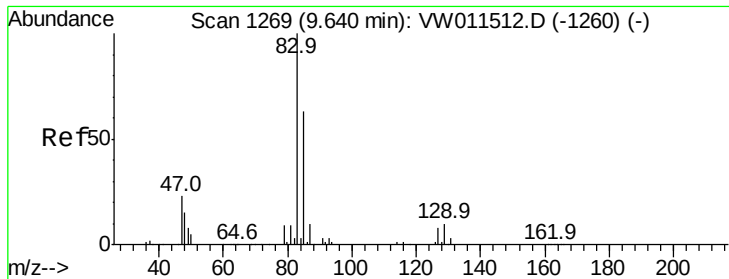
Tot Ion: 63 Resp: 168331
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 50.562 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 93 Resp: 73966
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.2 99.2
 174 100.4 78.2 117.4





#47

Bromodichloromethane

Concen: 52.538 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

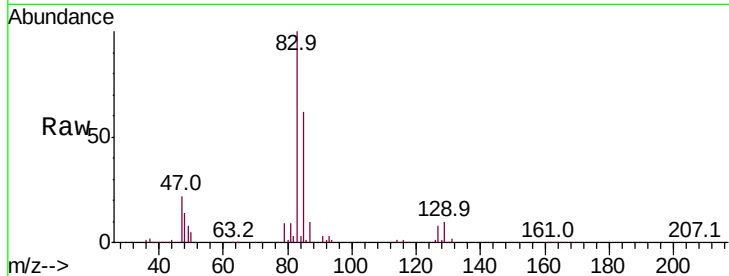
Tot Ion: 83 Resp: 201605

Ion Ratio Lower Upper

83 100

85 62.4 50.5 75.7

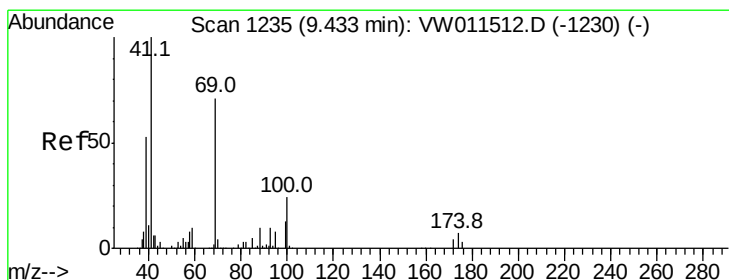
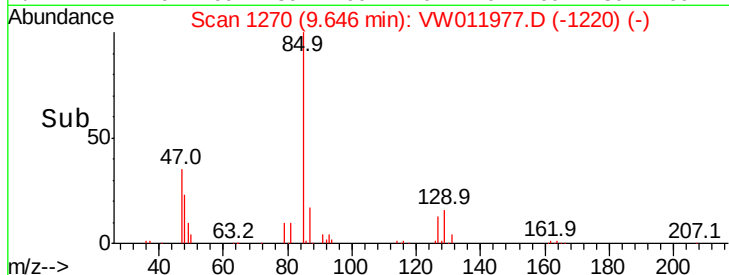
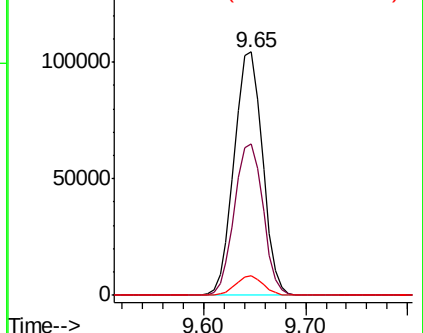
127 7.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 49.744 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

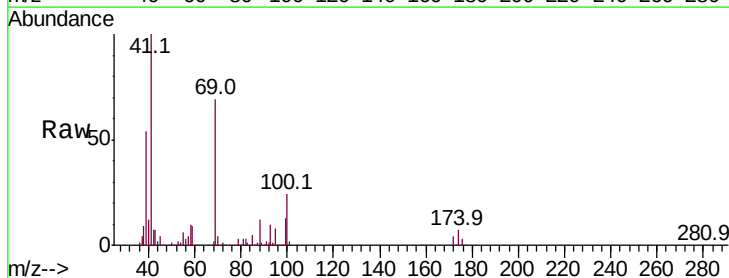
Tgt Ion: 41 Resp: 108123

Ion Ratio Lower Upper

41 100

69 73.0 57.1 85.7

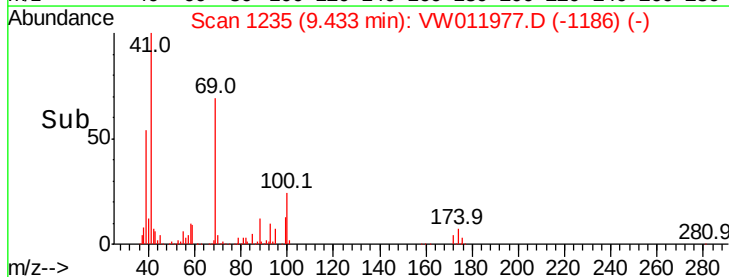
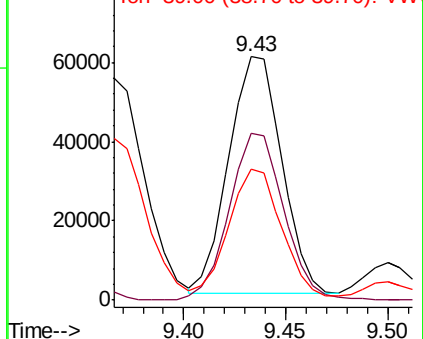
39 52.5 45.4 68.2

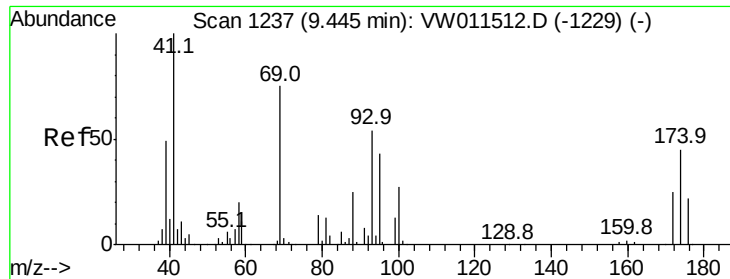


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 993.453 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampled :

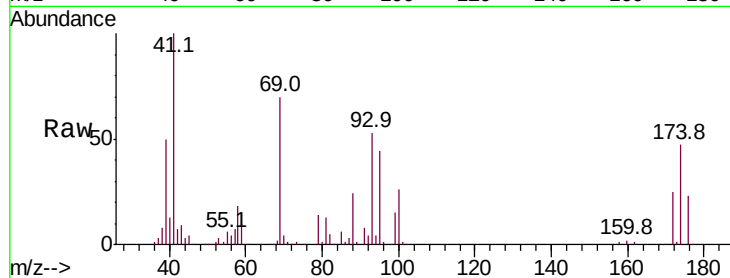
Tot Ion: 88 Resp: 21043

Ion Ratio Lower Upper

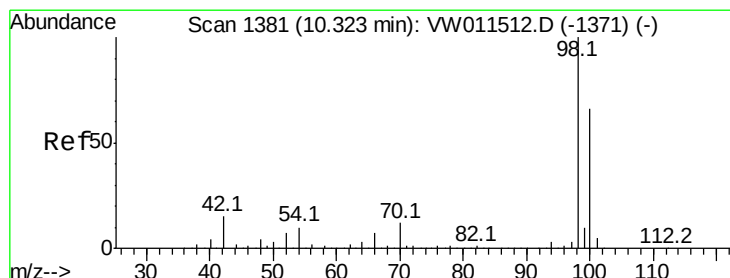
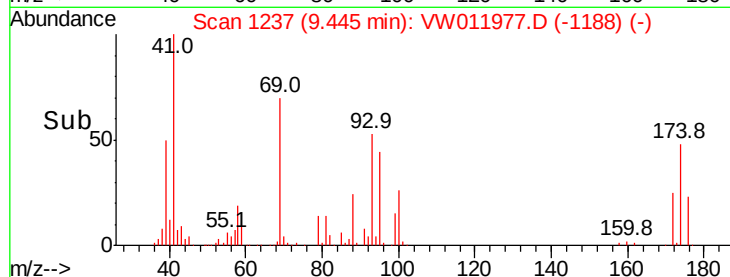
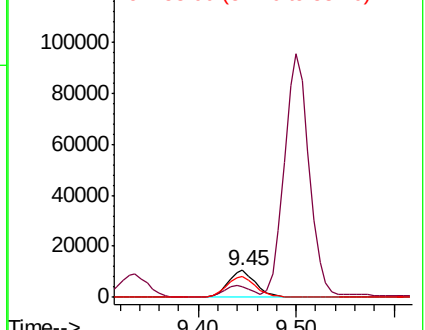
88 100

43 40.9 34.0 51.0

58 84.0 69.7 104.5



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: 55.243 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011977.D

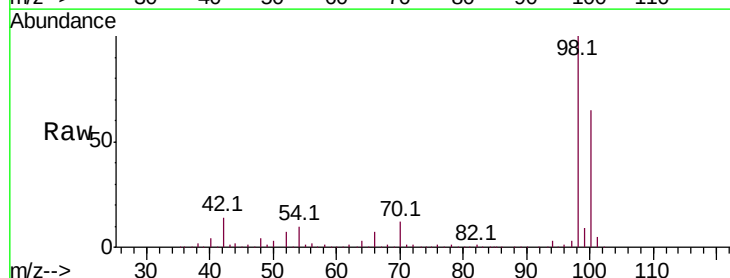
Acq: 19 Aug 2019 08:48

Tgt Ion: 98 Resp: 521879

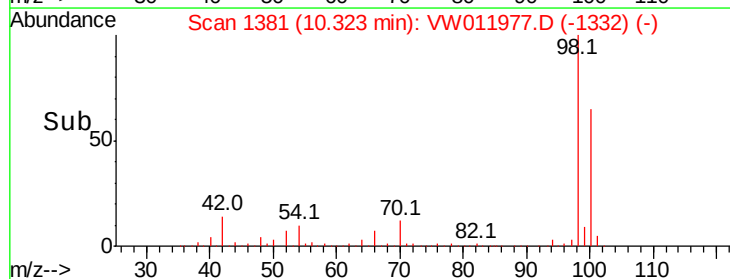
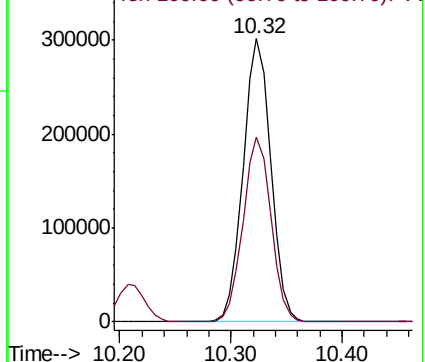
Ion Ratio Lower Upper

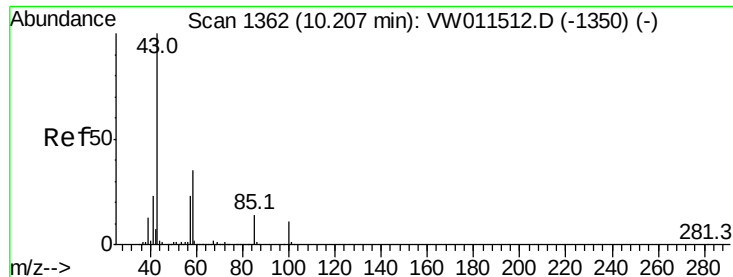
98 100

100 65.8 52.7 79.1



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





#51

4-Methyl-2-Pentanone

Concen: 245.082 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

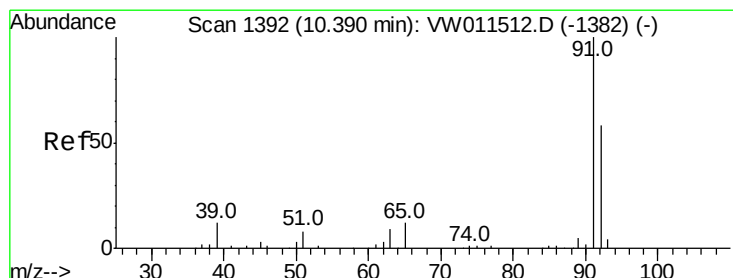
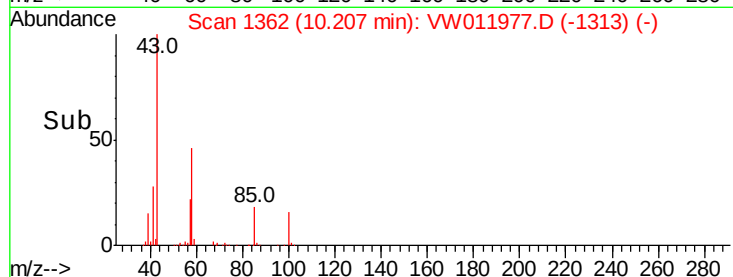
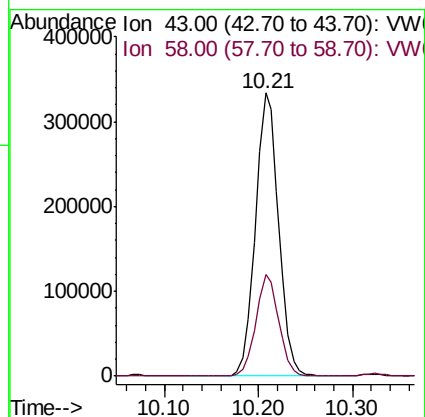
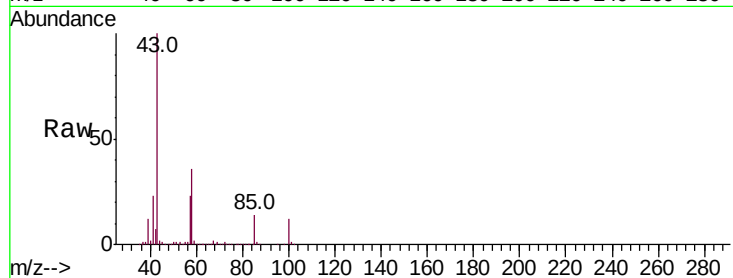
ClientSampleId :

Tot Ion: 43 Resp: 576829

Ion Ratio Lower Upper

43 100

58 35.6 28.2 42.2



#52

Toluene

Concen: 53.863 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW011977.D

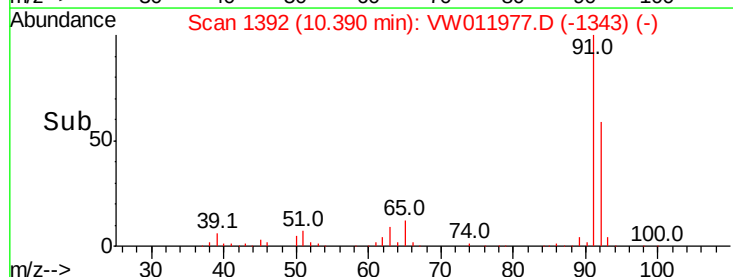
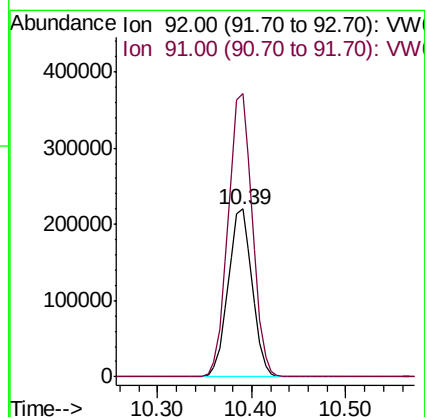
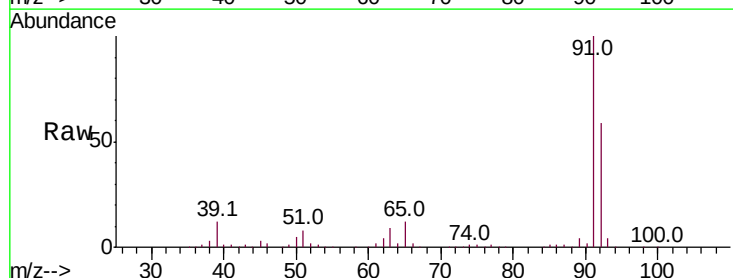
Acq: 19 Aug 2019 08:48

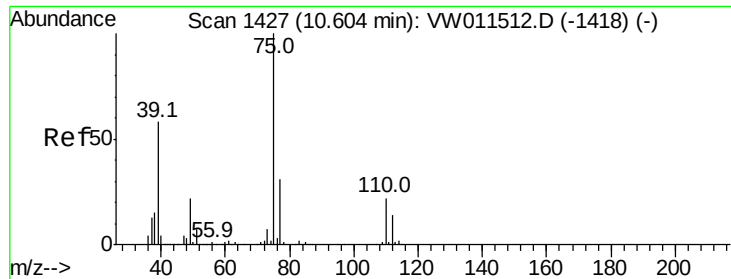
Tgt Ion: 92 Resp: 389648

Ion Ratio Lower Upper

92 100

91 170.1 136.7 205.1

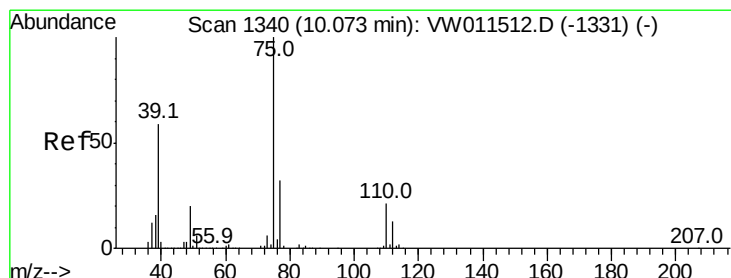
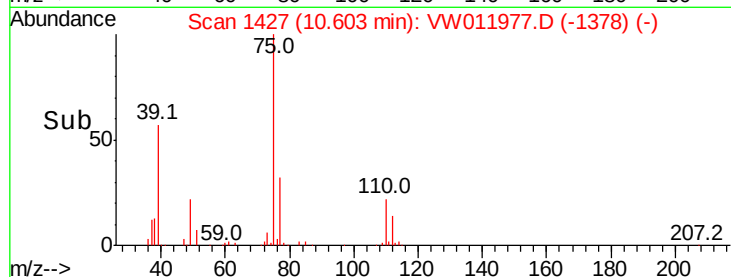
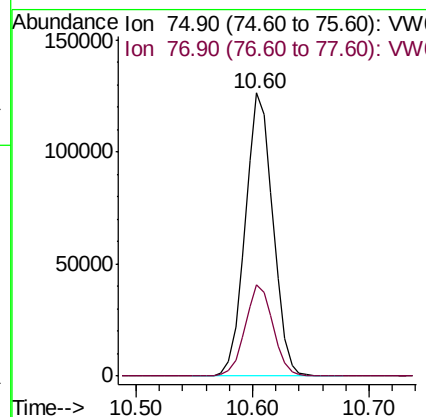
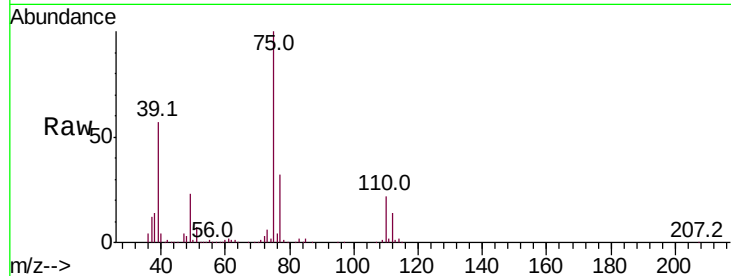




#53
 t-1,3-Dichloropropene
 Concen: 52.392 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

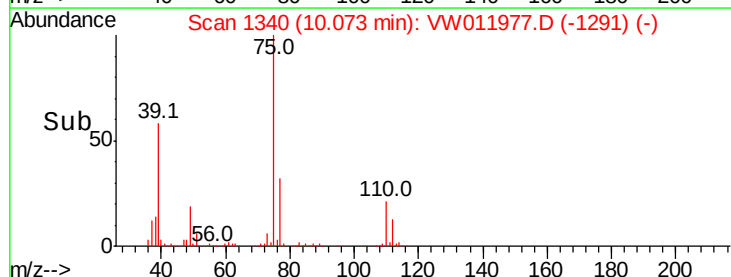
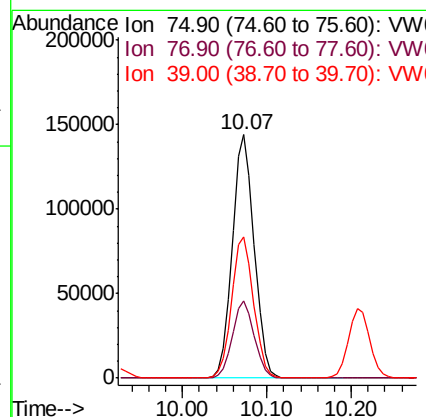
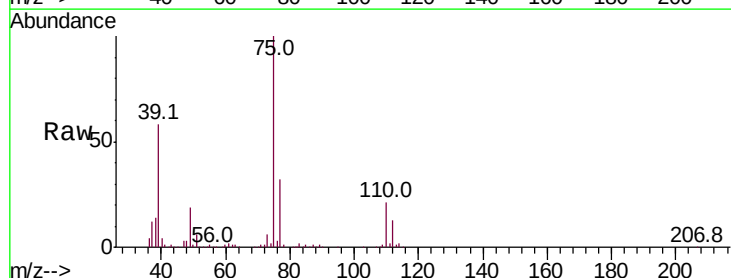
Instrument :
 MSVOA_W
 ClientSampled :

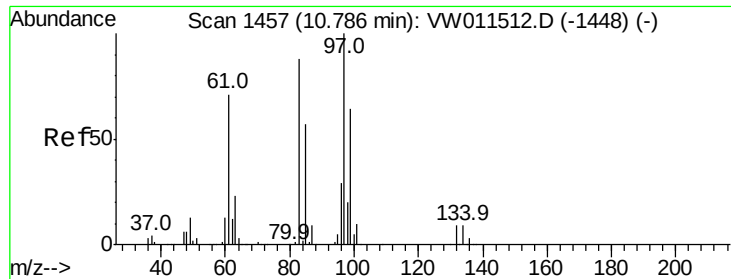
Tot Ion: 75 Resp: 210013
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.272 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 75 Resp: 253900
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.6 38.4
 39 58.0 47.0 70.4

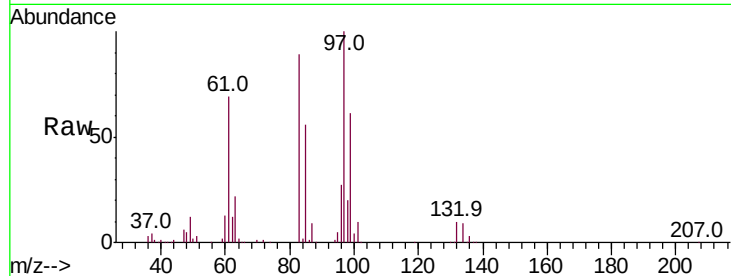




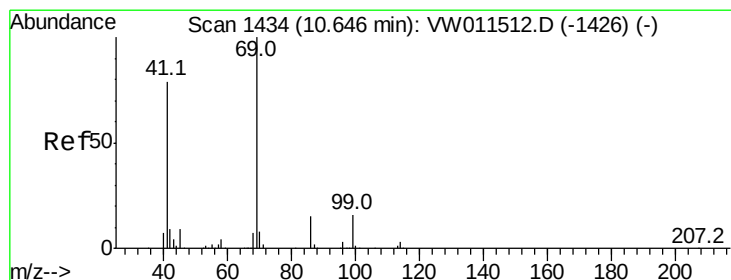
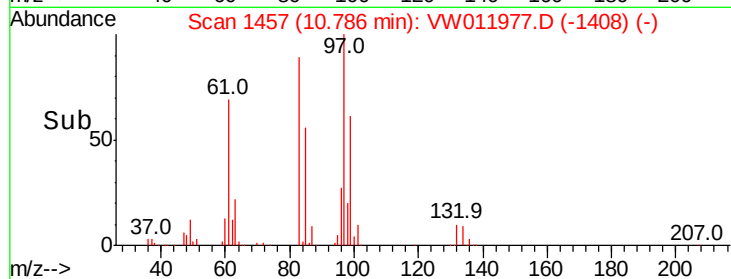
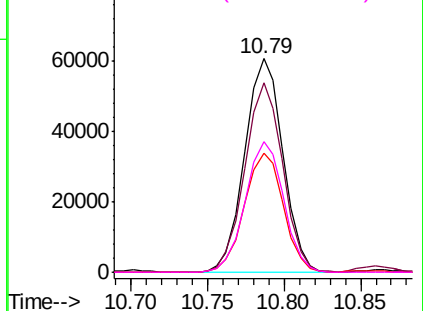
#55
 1,1,2-Trichloroethane
 Concen: 50.905 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	105660
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	55.7	45.8	68.6
99	60.7	51.0	76.4

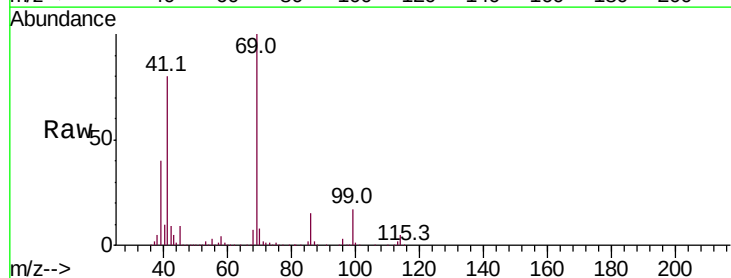


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

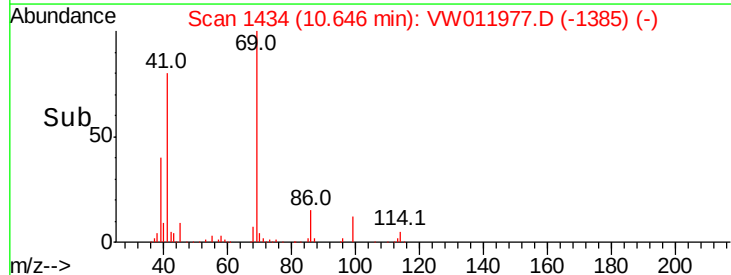
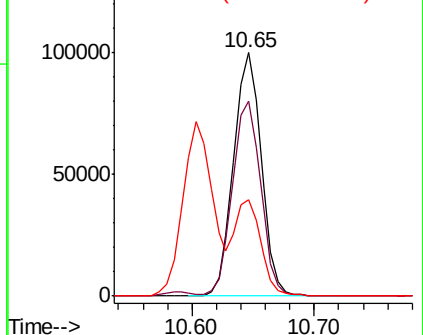


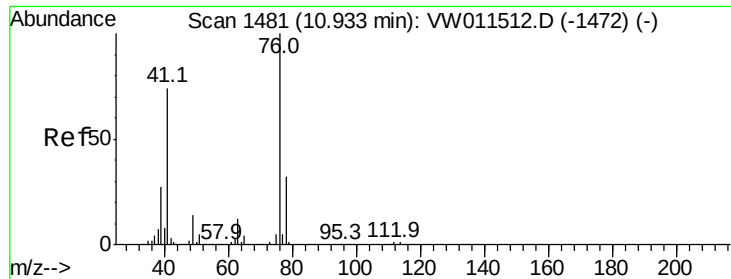
#56
 Ethyl methacrylate
 Concen: 51.624 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion:	69	Resp:	156797
Ion	Ratio	Lower	Upper
69	100		
41	81.2	66.6	99.8
39	37.2	30.3	45.5



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

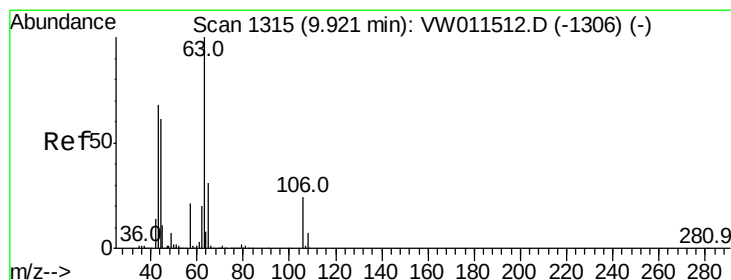
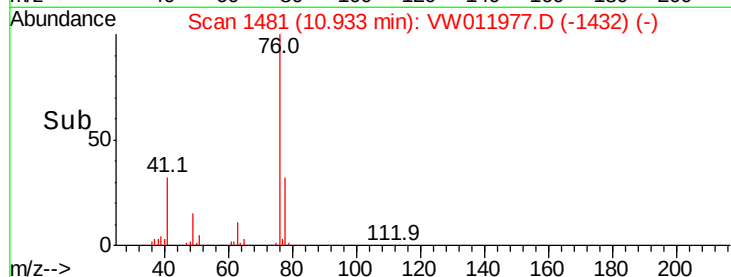
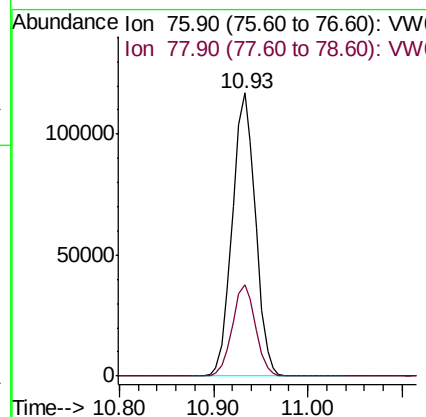
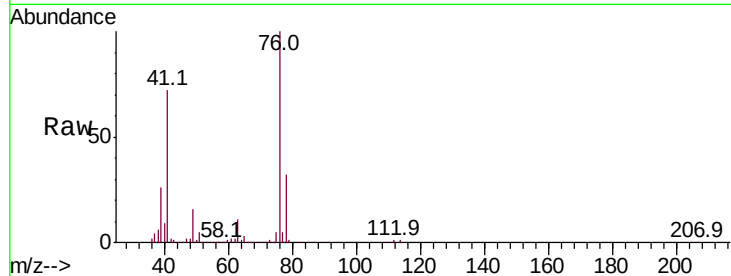




#57
 1,3-Dichloropropane
 Concen: 50.802 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

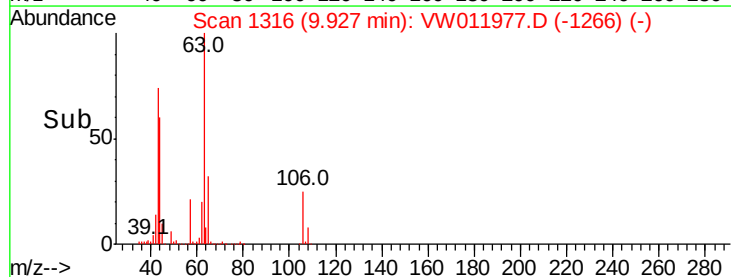
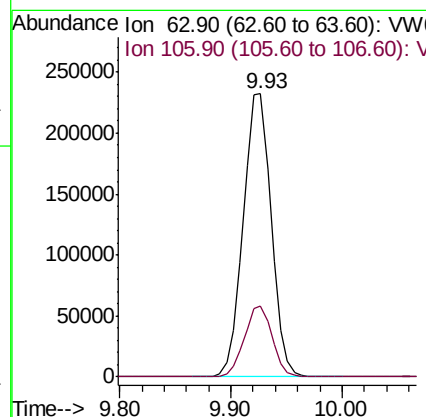
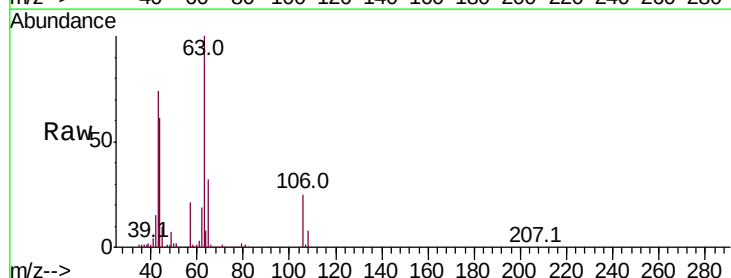
Instrument :
 MSVOA_W
 ClientSampled :

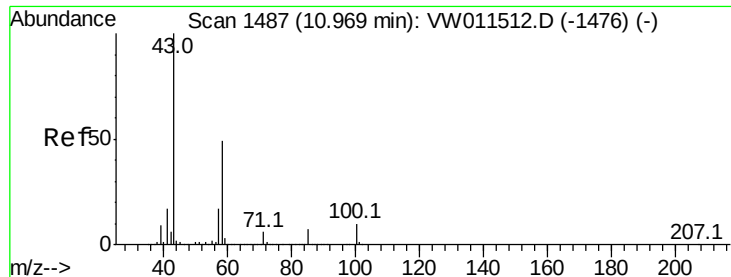
Tot Ion: 76 Resp: 199493
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 293.631 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 63 Resp: 404933
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5

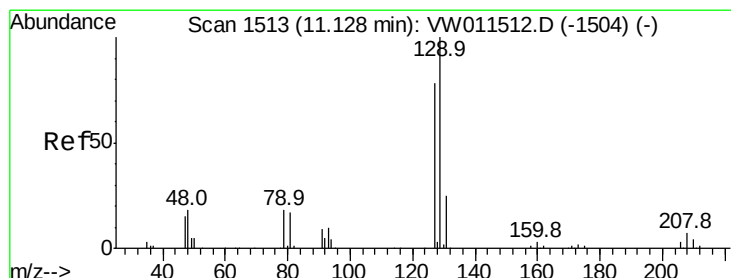
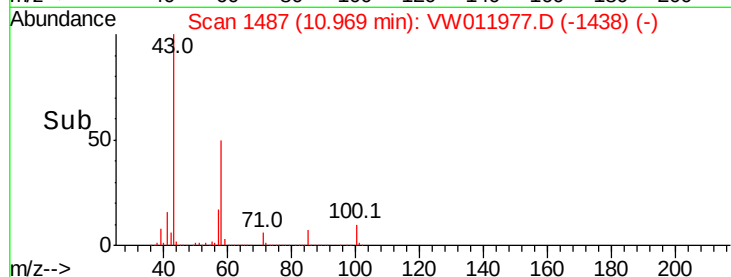
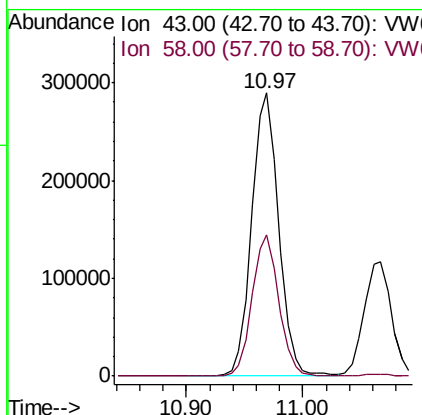
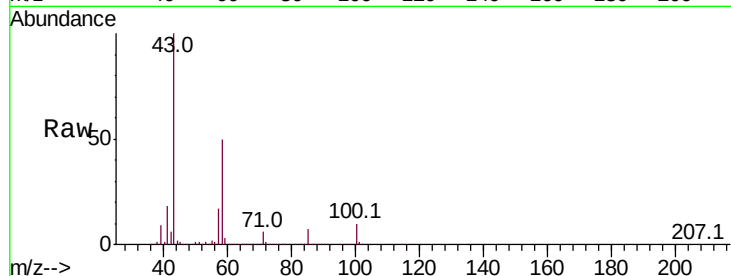




#59
2-Hexanone
Concen: 281.316 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

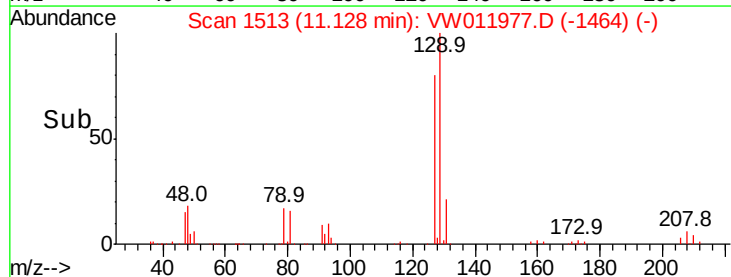
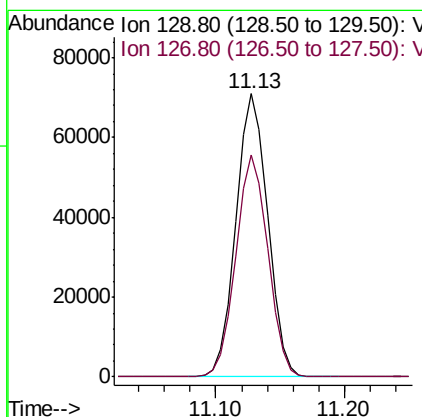
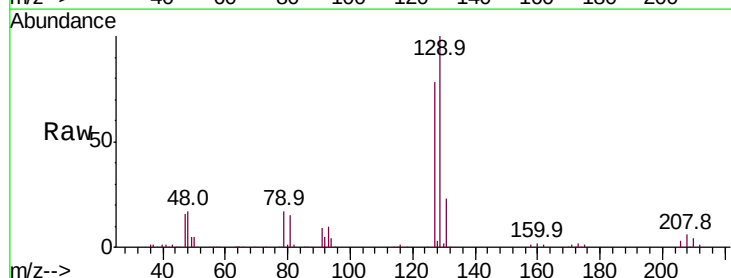
Instrument :
MSVOA_W
ClientSampled :

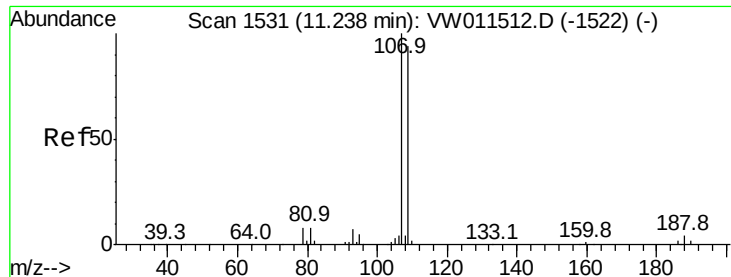
Tot Ion: 43 Resp: 467492
Ion Ratio Lower Upper
43 100
58 49.3 24.3 72.9



#60
Dibromochloromethane
Concen: 52.731 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 129 Resp: 121490
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7

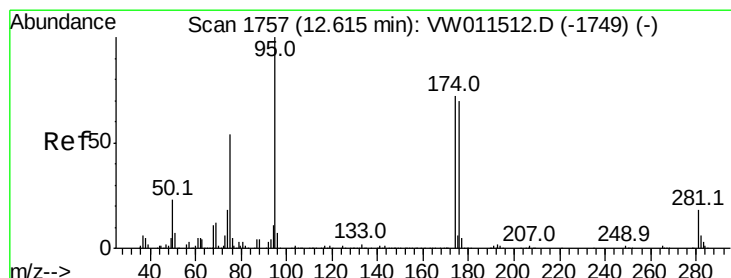
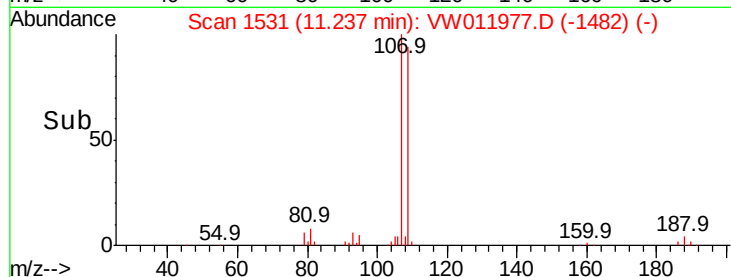
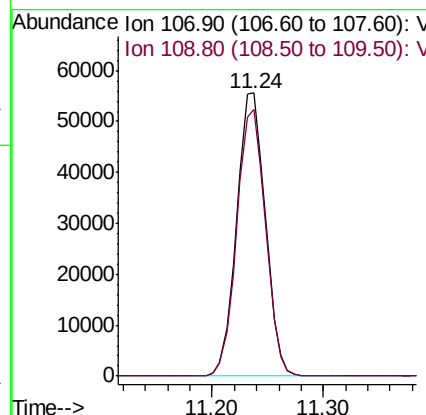
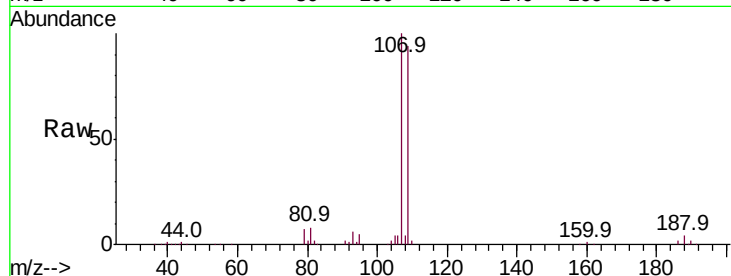




#61
 1,2-Dibromoethane
 Concen: 50.546 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

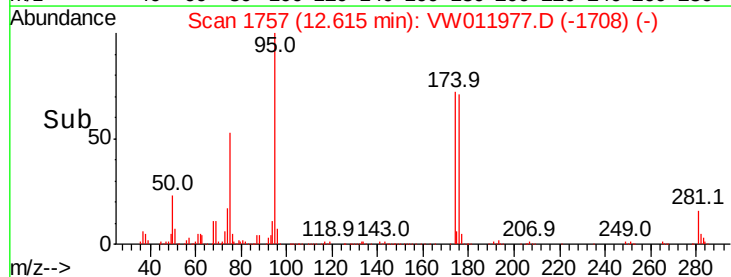
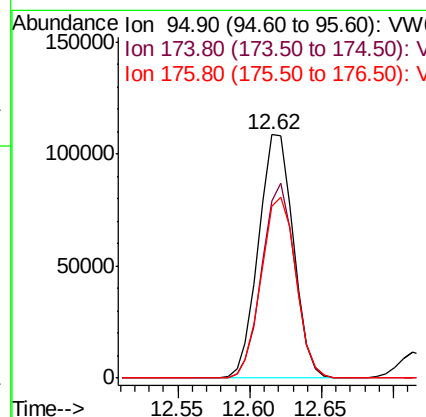
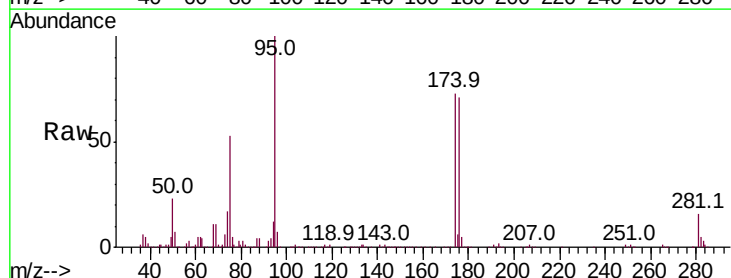
Instrument :
 MSVOA_W
 ClientSampleId :

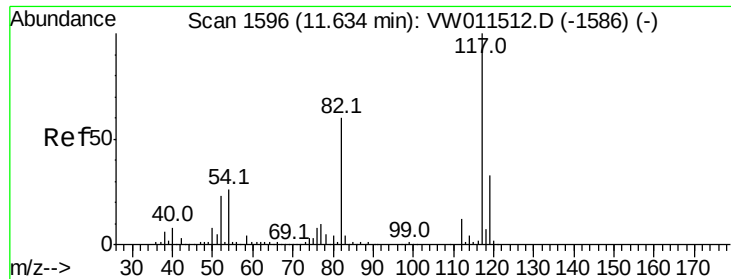
Tot Ion:107 Resp: 99285
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.787 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 95 Resp: 181156
 Ion Ratio Lower Upper
 95 100
 174 76.3 0.0 150.2
 176 74.3 0.0 144.4

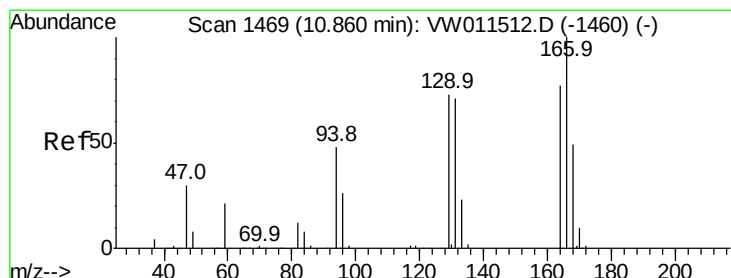
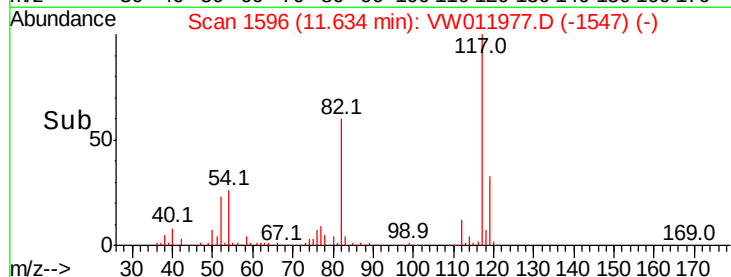
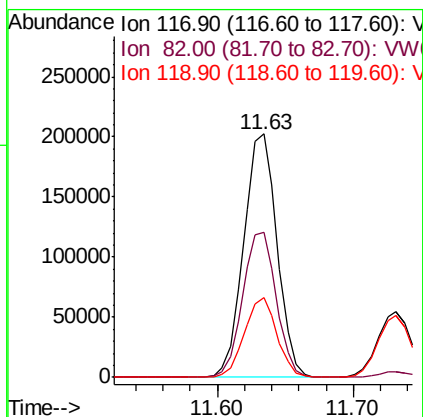
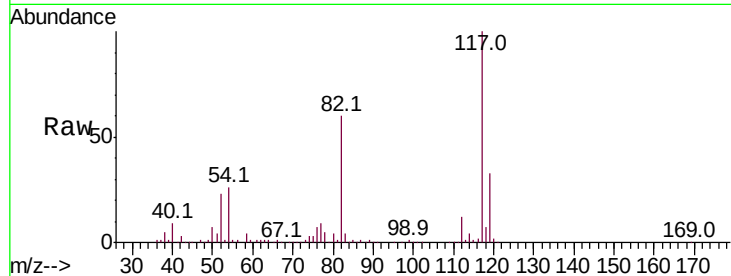




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

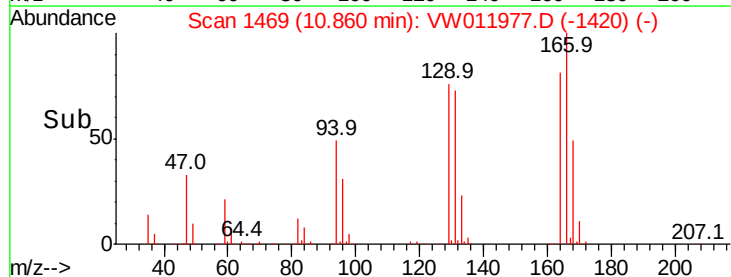
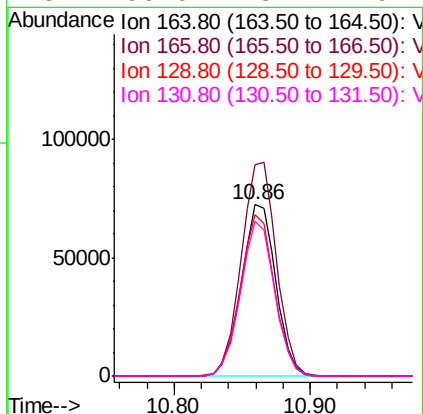
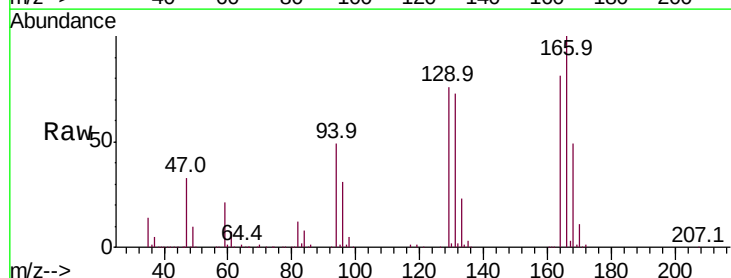
Instrument :
MSVOA_W
ClientSampleId :

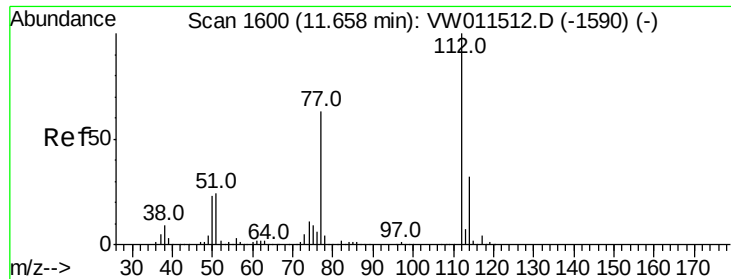
Tot Ion:117 Resp: 347012
Ion Ratio Lower Upper
117 100
82 59.8 47.9 71.9
119 33.0 26.2 39.2



#64
Tetrachloroethene
Concen: 56.627 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:164 Resp: 127945
Ion Ratio Lower Upper
164 100
166 123.1 103.5 155.3
129 93.8 75.2 112.8
131 90.0 73.4 110.2

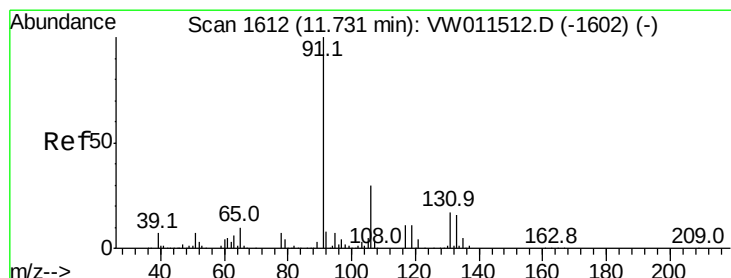
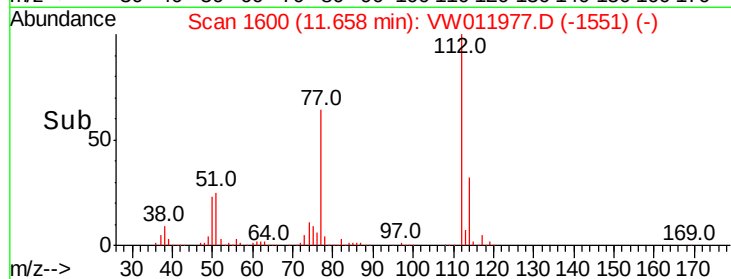
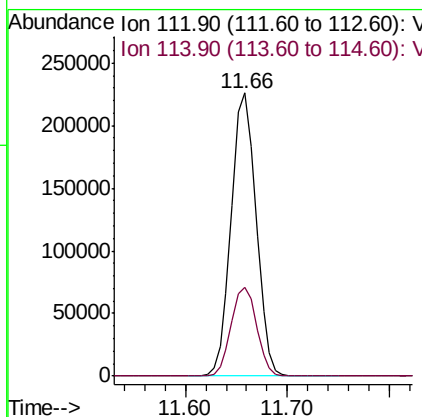
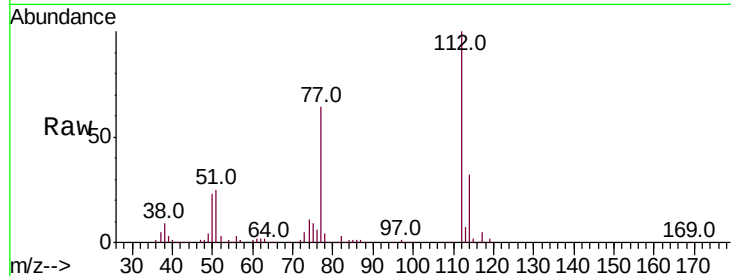




#65
Chlorobenzene
Concen: 54.654 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

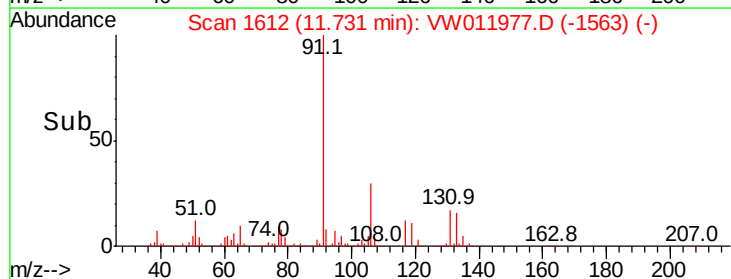
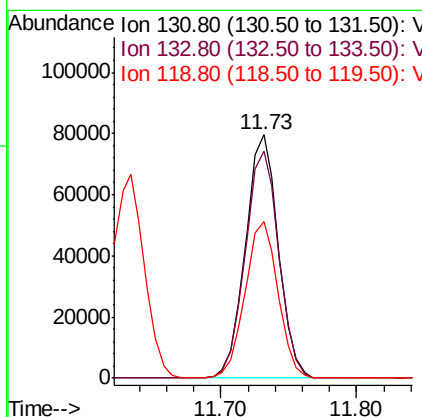
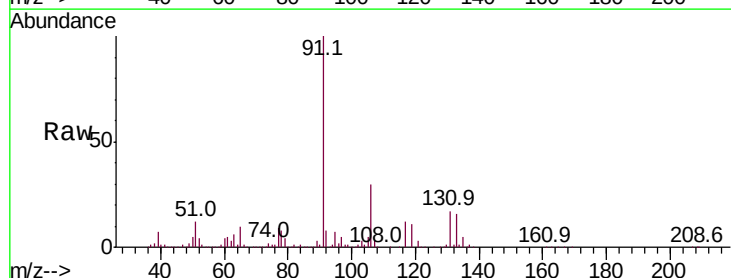
Instrument :
MSVOA_W
ClientSampled :

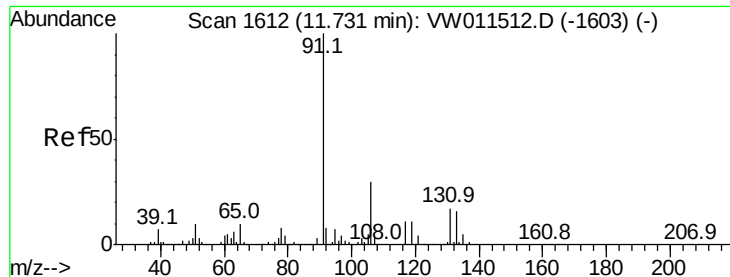
Tot Ion:112 Resp: 381299
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:131 Resp: 134535
Ion Ratio Lower Upper
131 100
133 95.4 47.4 142.2
119 64.8 32.3 96.9

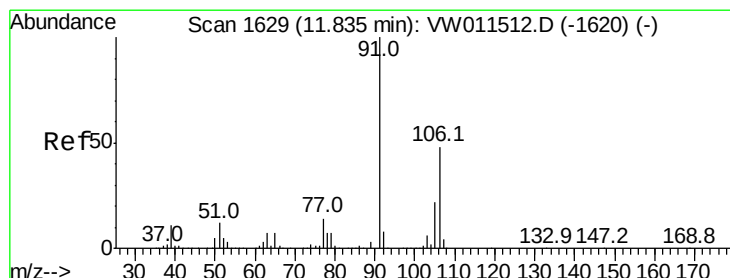
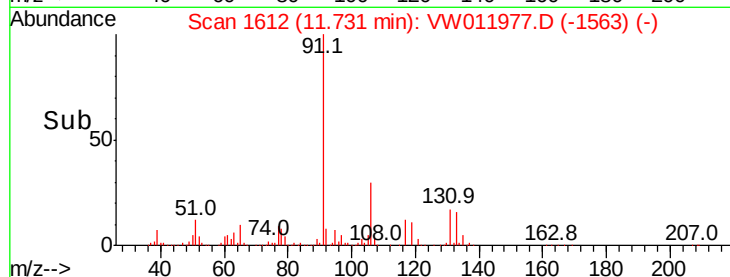
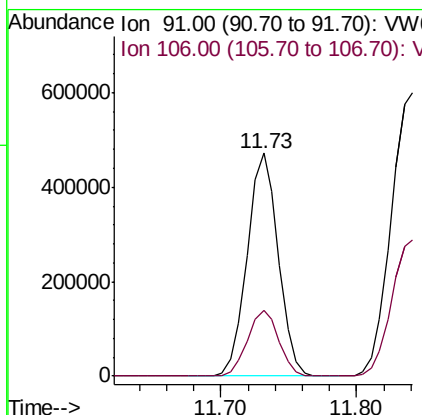
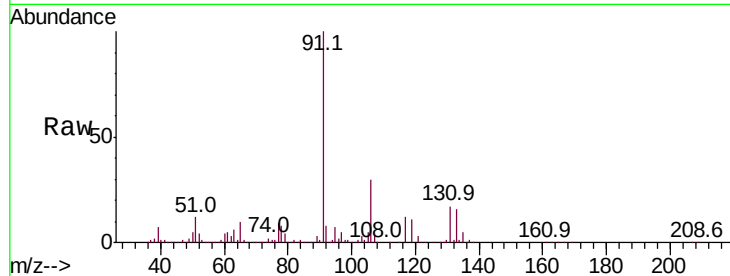




#67
Ethyl Benzene
Concen: 56.805 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

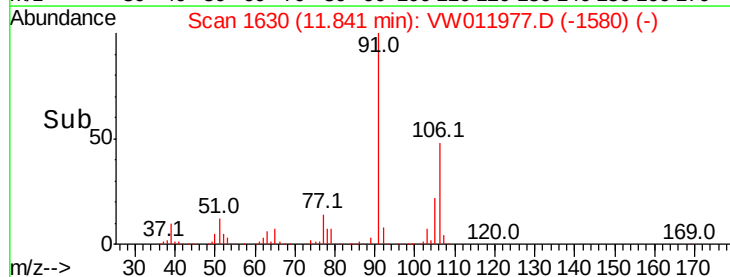
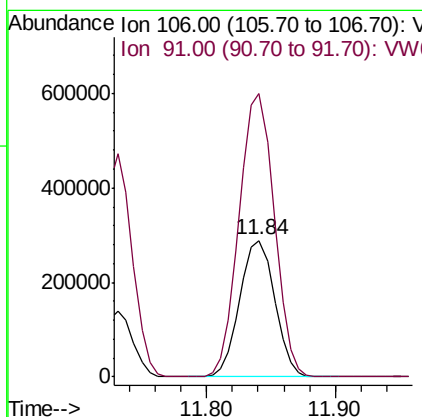
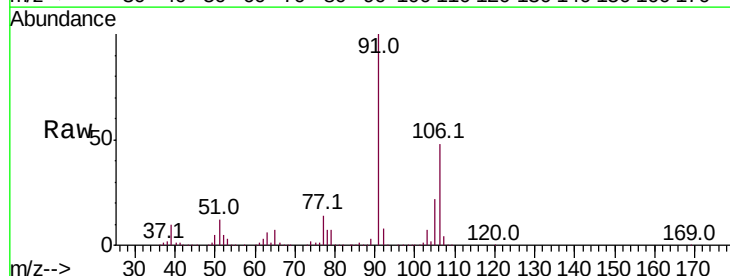
Instrument :
MSVOA_W
ClientSampled :

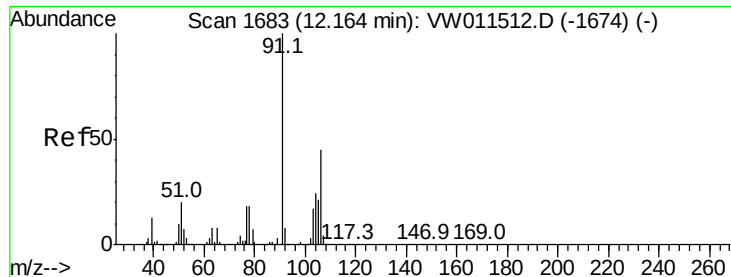
Tot Ion: 91 Resp: 754782
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.6



#68
m/p-Xylenes
Concen: 112.703 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 106 Resp: 544599
Ion Ratio Lower Upper
106 100
91 208.4 168.2 252.2

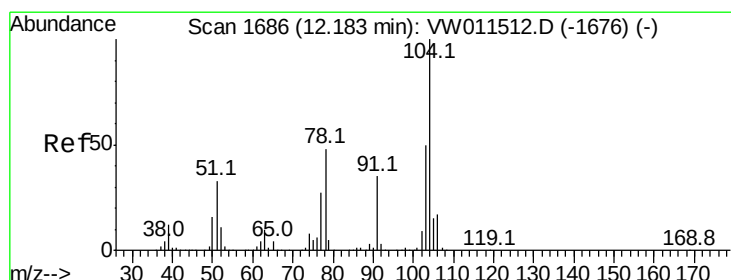
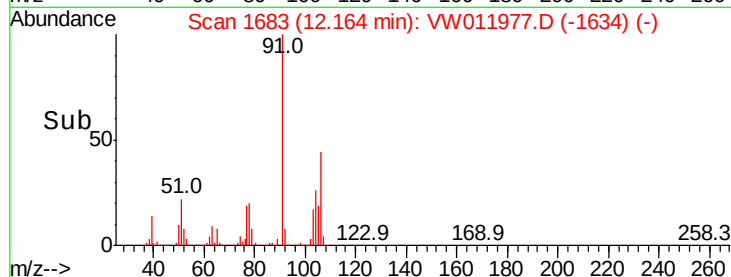
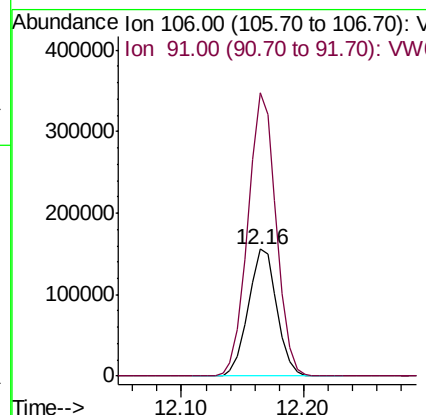
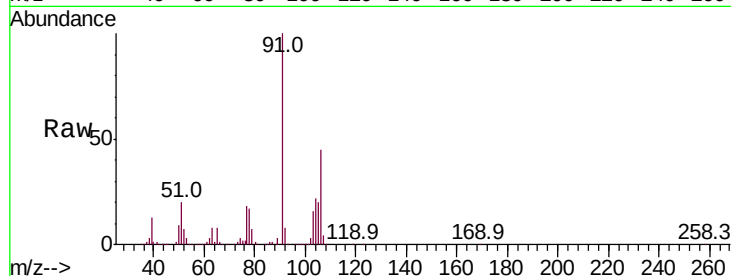




#69
o-Xylene
Concen: 56.059 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

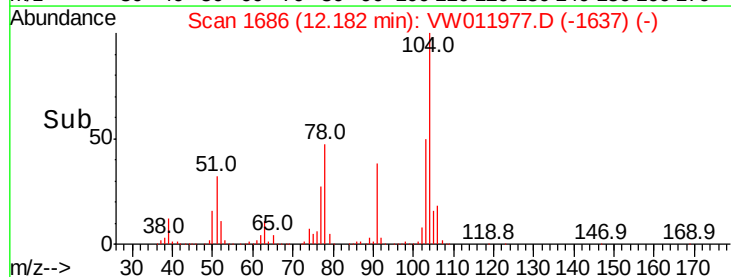
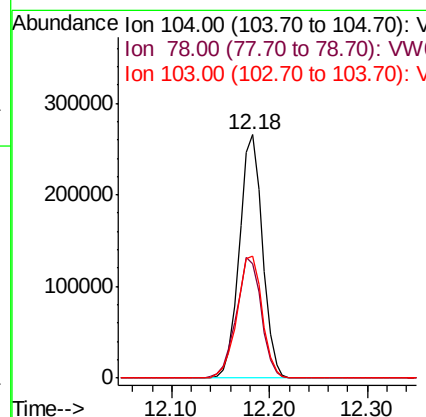
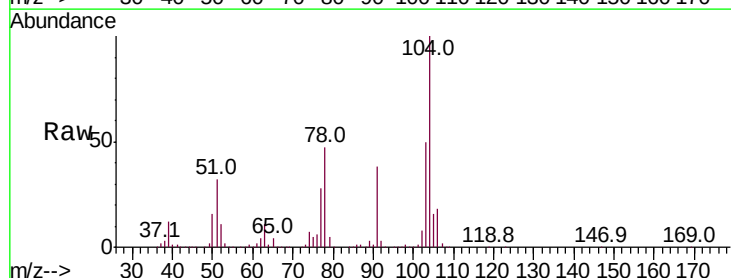
Instrument :
MSVOA_W
ClientSampleId :

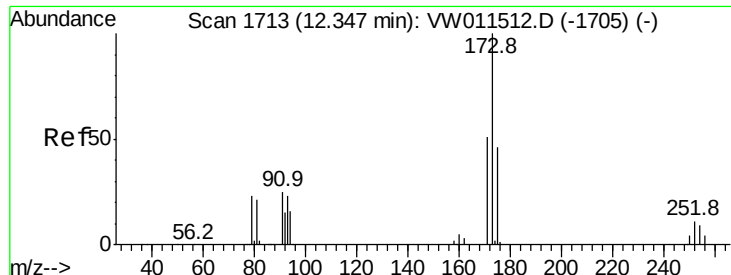
Tot Ion:106 Resp: 251725
Ion Ratio Lower Upper
106 100
91 220.9 110.5 331.5



#70
Styrene
Concen: 55.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:104 Resp: 433940
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.0
103 54.6 43.9 65.9





#71

Bromoform

Concen: 55.621 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

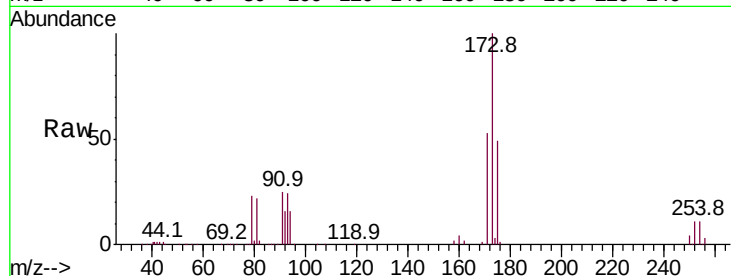
Tot Ion:173 Resp: 68916

Ion Ratio Lower Upper

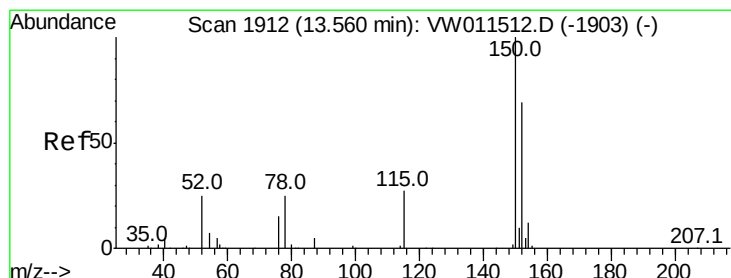
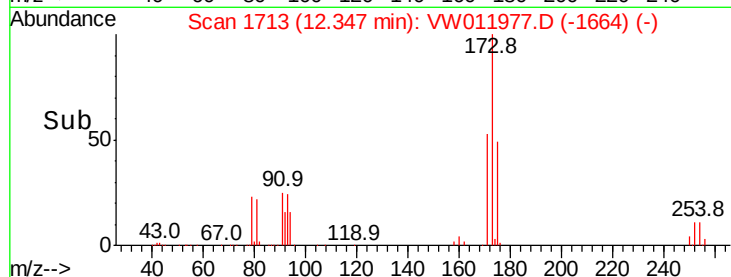
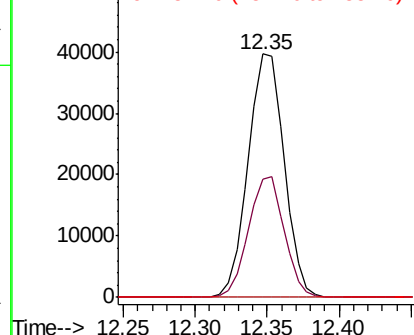
173 100

175 48.8 23.6 71.0

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

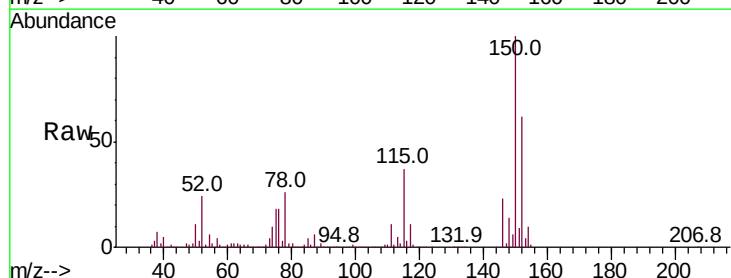
Tgt Ion:152 Resp: 165557

Ion Ratio Lower Upper

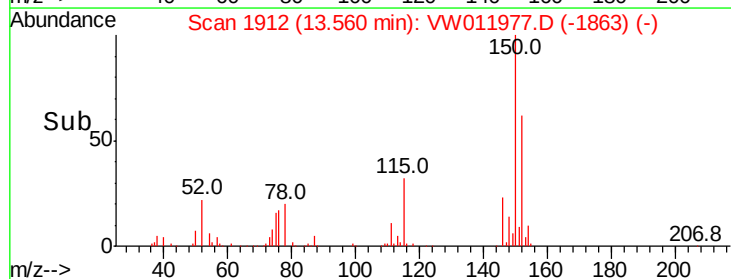
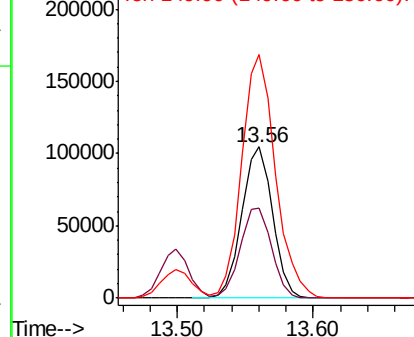
152 100

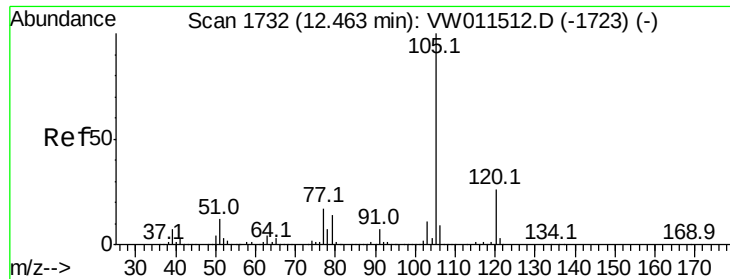
115 60.8 30.5 91.5

150 176.1 0.0 352.6



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: 58.078 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

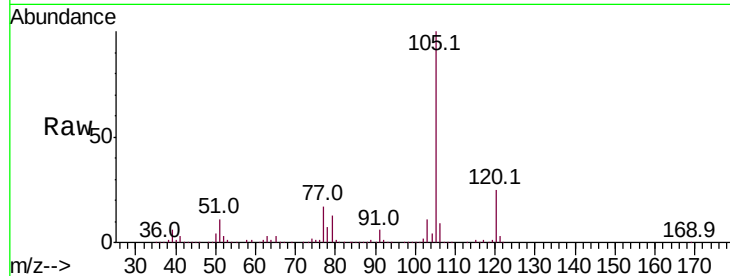
ClientSampled :

Tot Ion:105 Resp: 717319

Ion Ratio Lower Upper

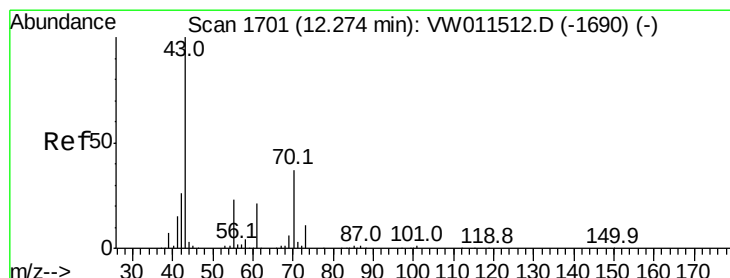
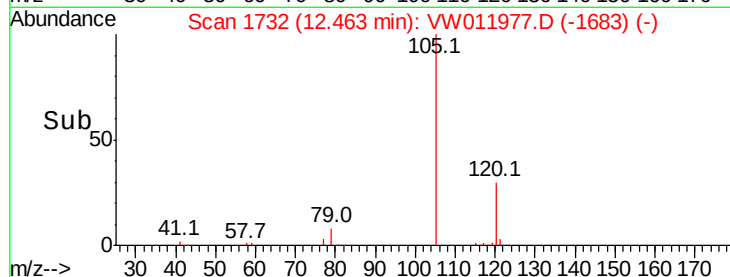
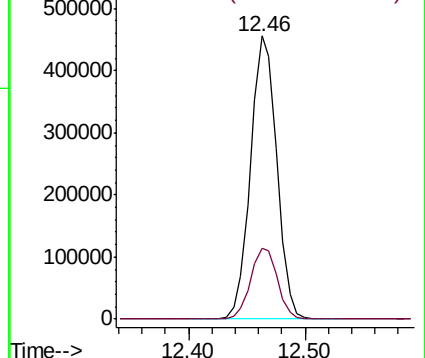
105 100

120 25.5 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.506 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Tgt Ion: 43 Resp: 206896

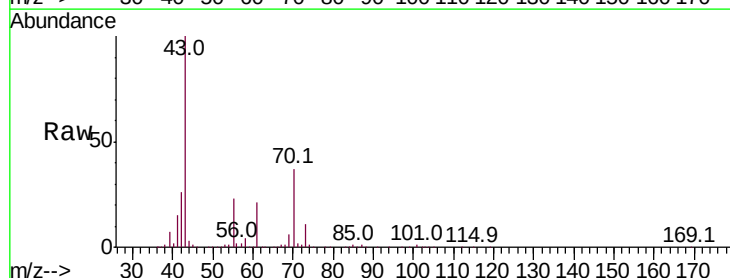
Ion Ratio Lower Upper

43 100

70 36.6 28.6 43.0

55 22.8 17.8 26.8

61 22.0 17.0 25.6

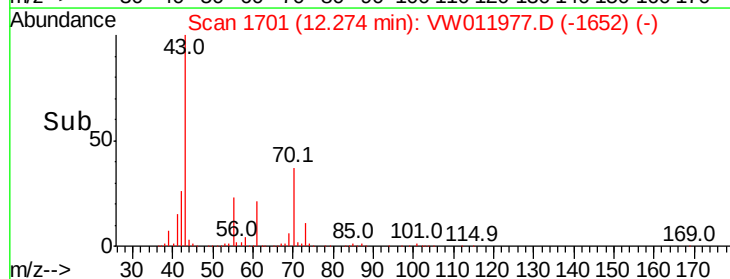
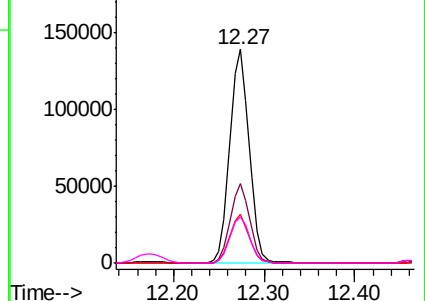


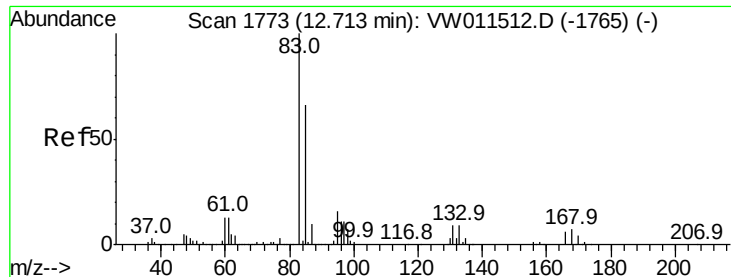
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 52.654 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampleId :

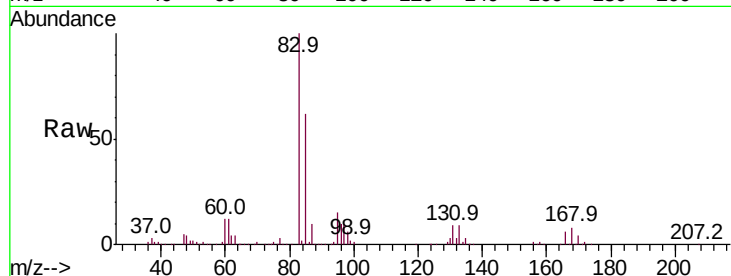
Tot Ion: 83 Resp: 122327

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.6
85	63.3	31.8	95.4

83 100

131 9.7 4.9 14.6

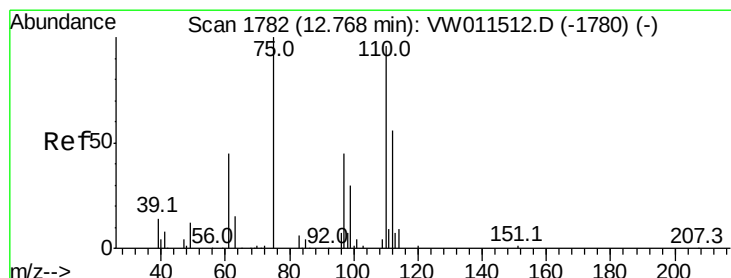
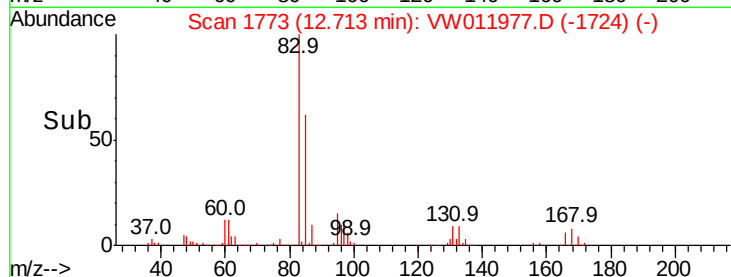
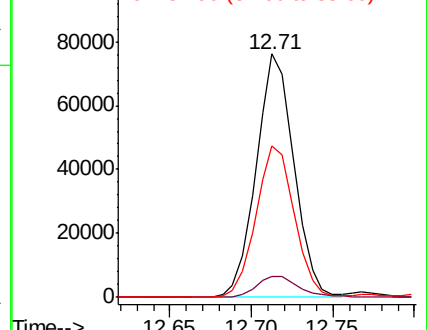
85 63.3 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 94.487 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011977.D

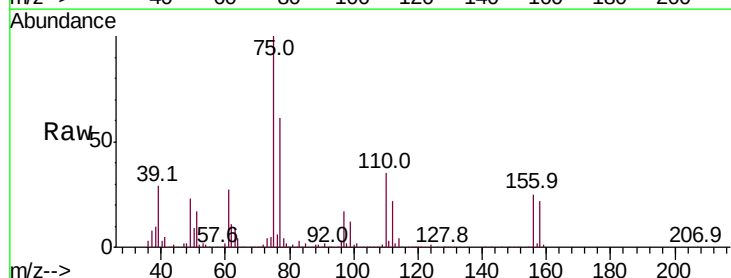
Acq: 19 Aug 2019 08:48

Tgt Ion: 75 Resp: 165520

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

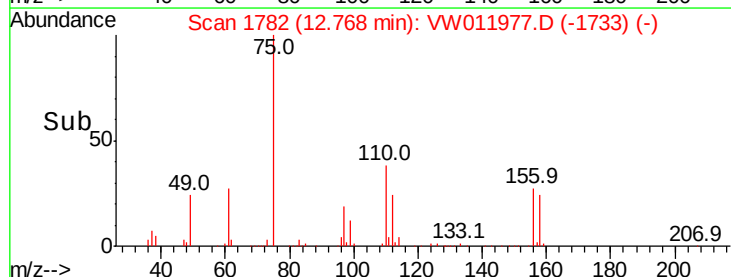
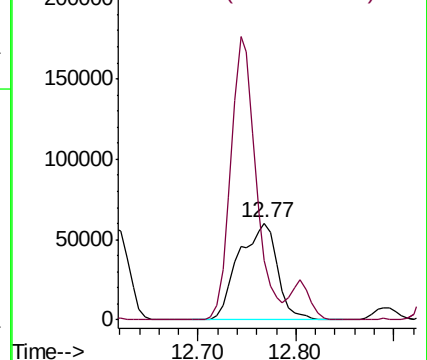
75 100

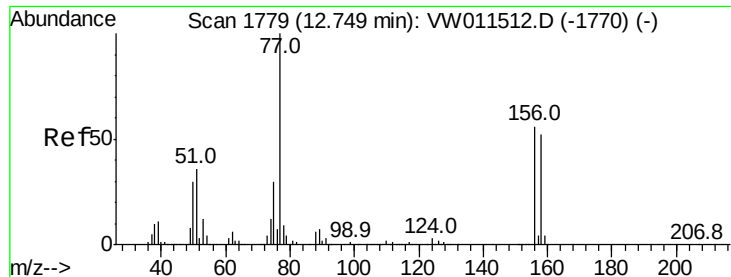
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 55.390 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

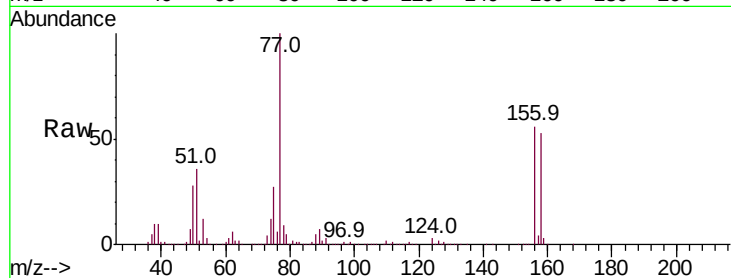
ClientSampleId :

Tot Ion:156 Resp: 151210

Ion	Ratio	Lower	Upper
156	100		
77	208.8	106.5	319.4
158	97.5	48.0	144.2

77 208.8 106.5 319.4

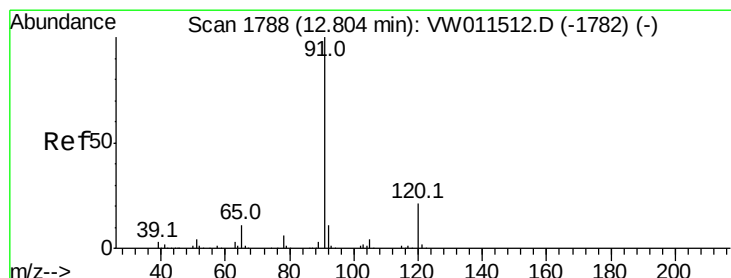
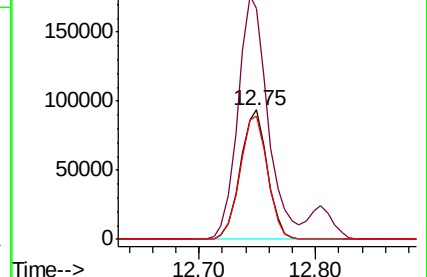
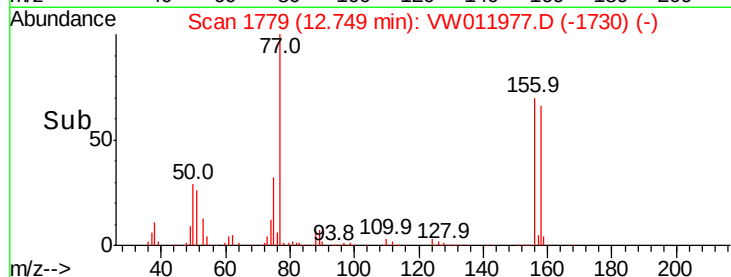
158 97.5 48.0 144.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VW

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 58.111 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011977.D

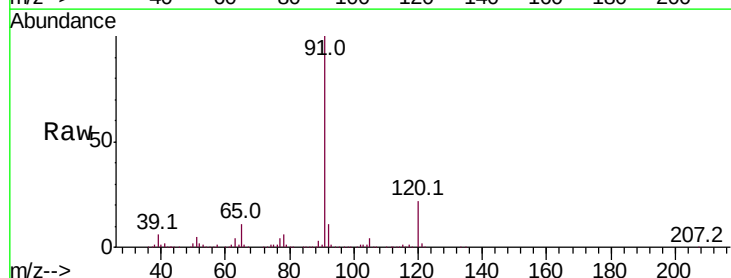
Acq: 19 Aug 2019 08:48

Tgt Ion: 91 Resp: 873477

Ion	Ratio	Lower	Upper
91	100		
120	21.8	10.9	32.7

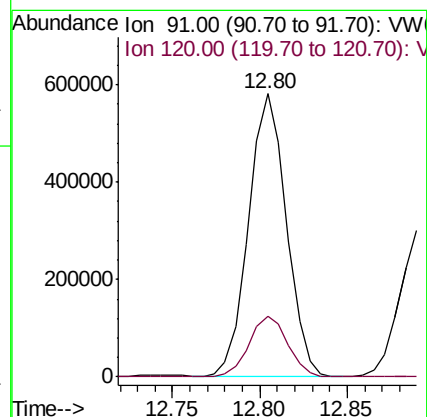
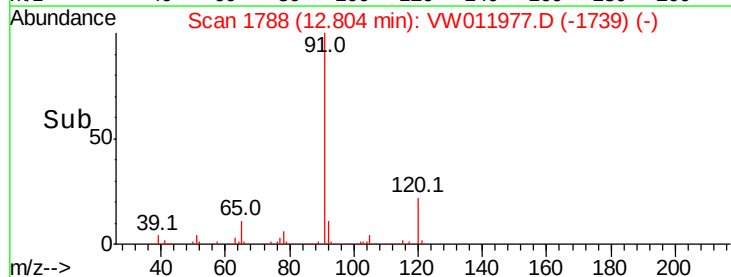
91 100

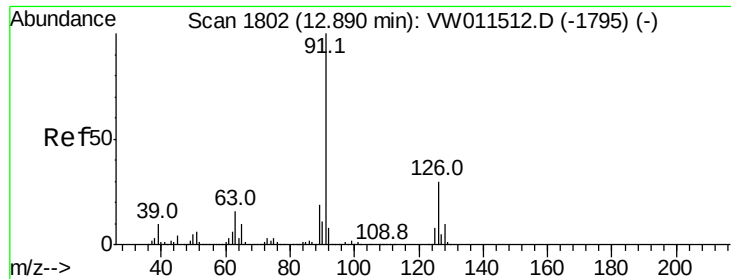
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.30): VW

Ion 120.00 (119.70 to 120.30): V





#79

2-Chlorotoluene

Concen: 56.064 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

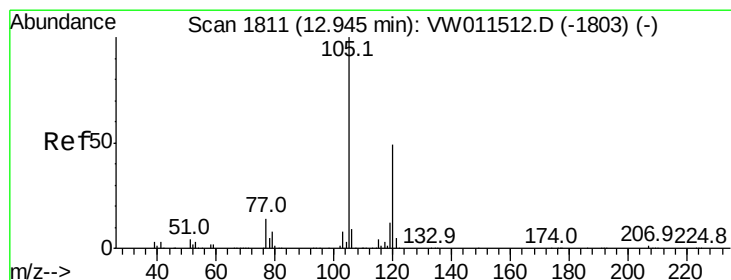
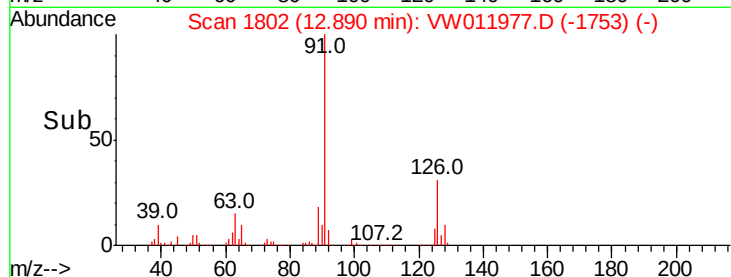
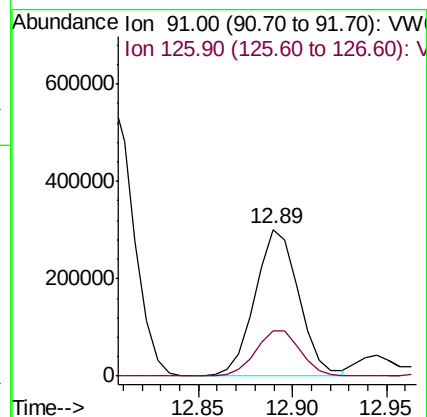
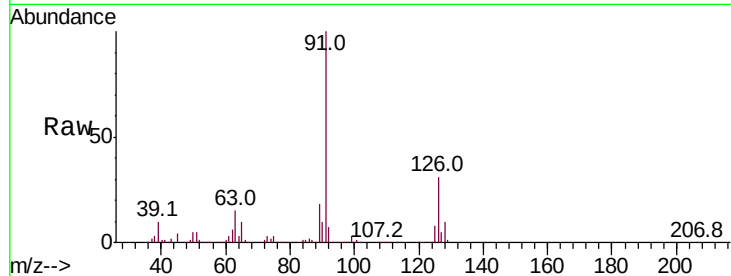
ClientSampleId :

Tot Ion: 91 Resp: 485488

Ion Ratio Lower Upper

91 100

126 31.8 15.7 47.1



#80

1,3,5-Trimethylbenzene

Concen: 57.822 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011977.D

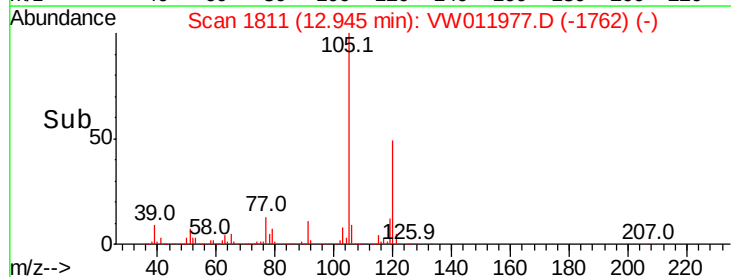
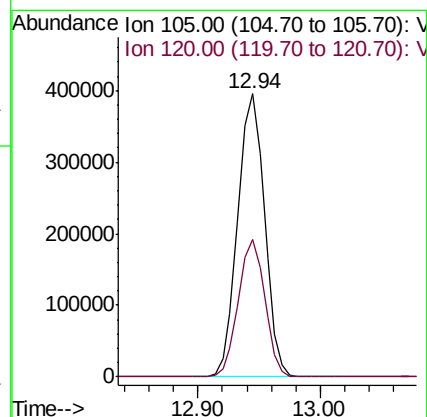
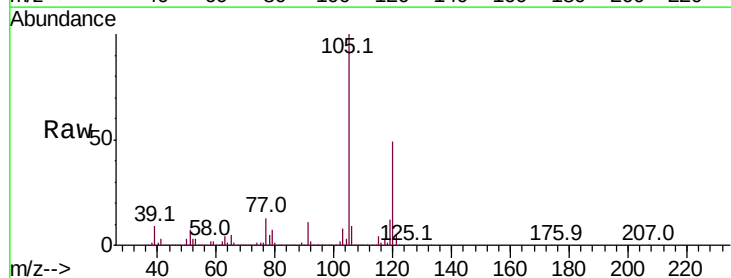
Acq: 19 Aug 2019 08:48

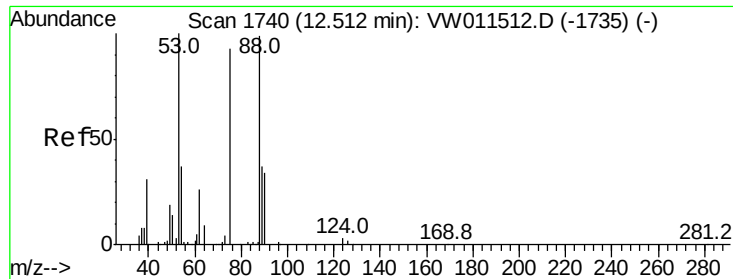
Tgt Ion:105 Resp: 598638

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3

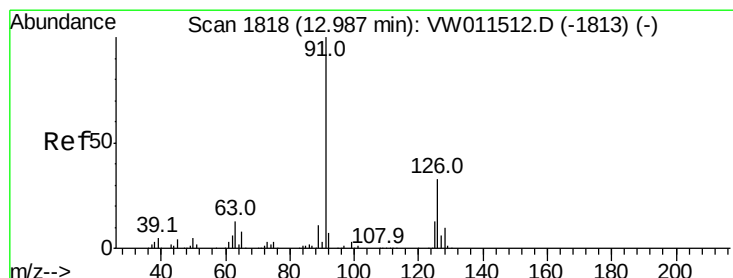
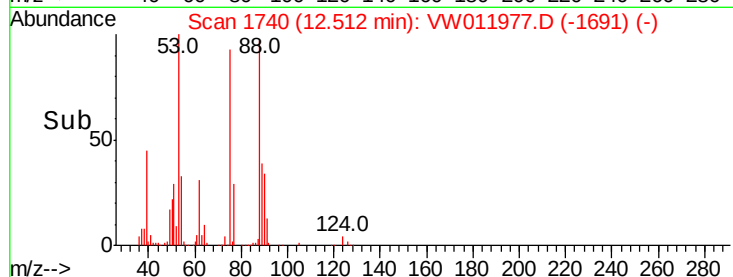
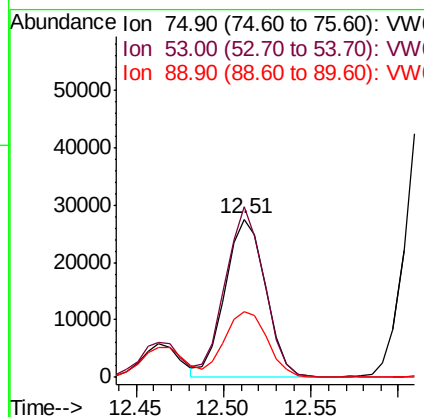
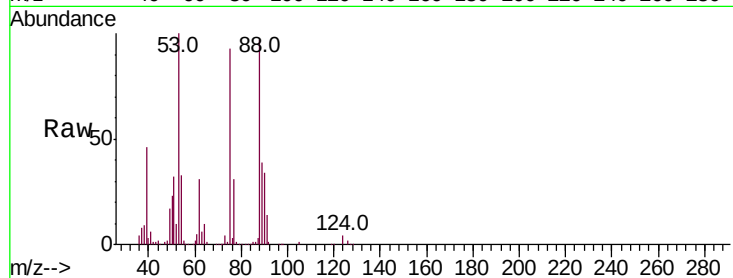




#81
trans-1,4-Dichloro-2-butene
Concen: 57.966 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

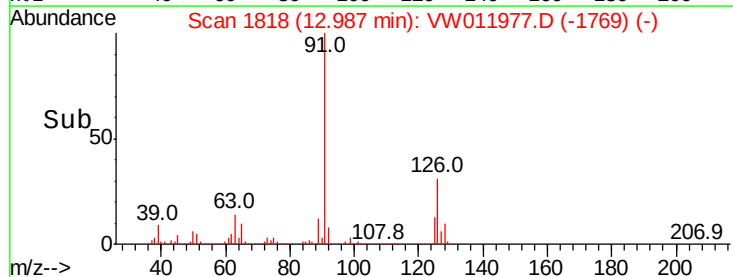
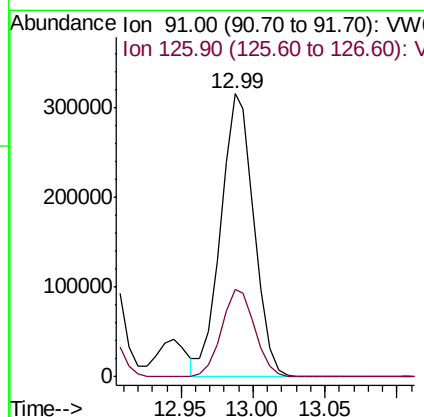
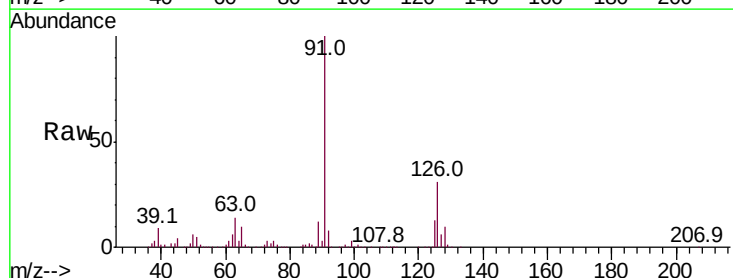
Instrument :
MSVOA_W
ClientSampled :

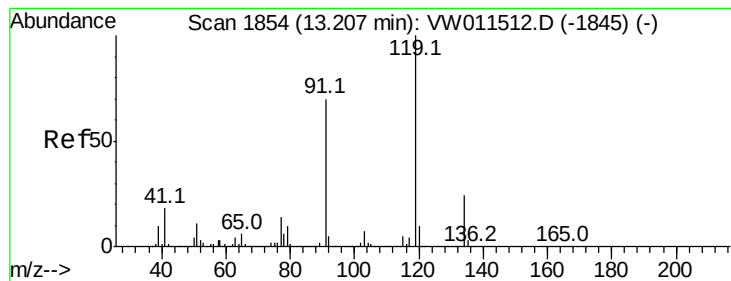
Tot Ion: 75 Resp: 44060
Ion Ratio Lower Upper
75 100
53 104.3 88.0 132.0
89 43.9 35.3 52.9



#82
4-Chlorotoluene
Concen: 55.771 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion: 91 Resp: 506712
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





#83

tert-Butylbenzene

Concen: 59.309 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampled :

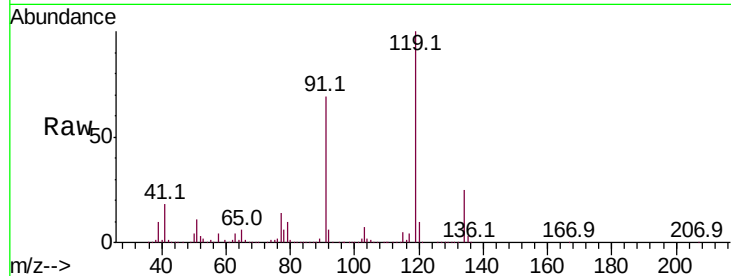
Tot Ion:119 Resp: 513489

Ion Ratio Lower Upper

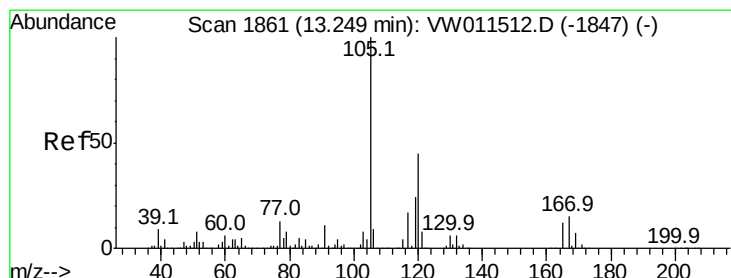
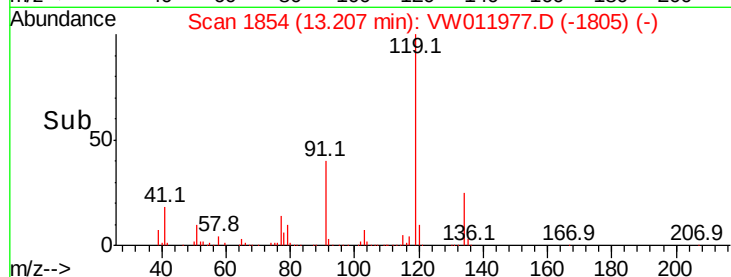
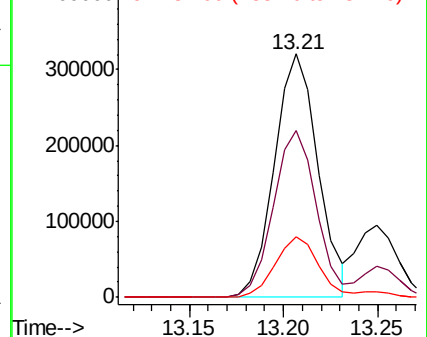
119 100

91 67.2 34.5 103.6

134 26.5 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.358 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW011977.D

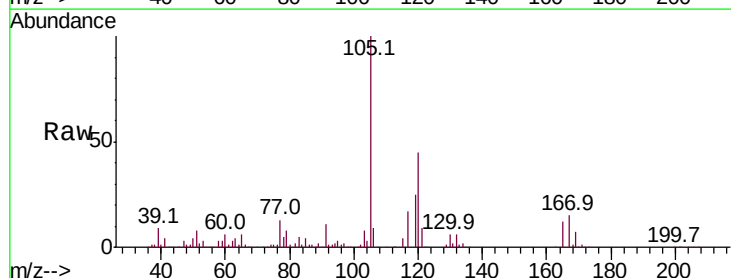
Acq: 19 Aug 2019 08:48

Tgt Ion:105 Resp: 587775

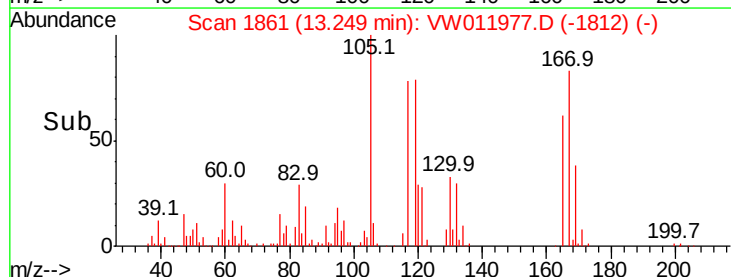
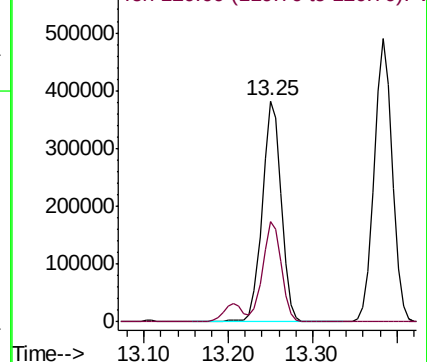
Ion Ratio Lower Upper

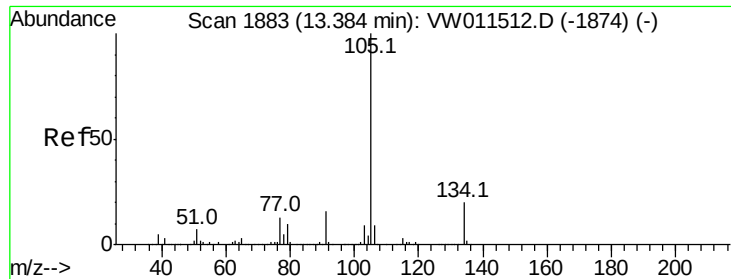
105 100

120 44.6 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 59.197 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

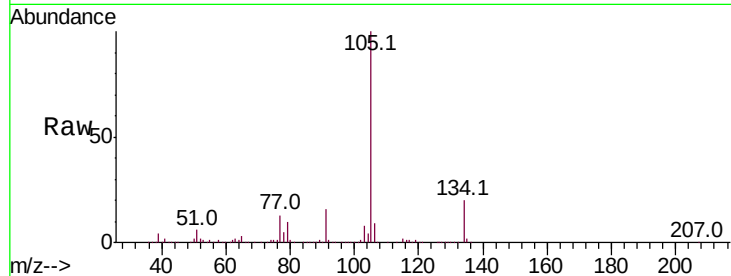
ClientSampled :

Tot Ion:105 Resp: 731289

Ion Ratio Lower Upper

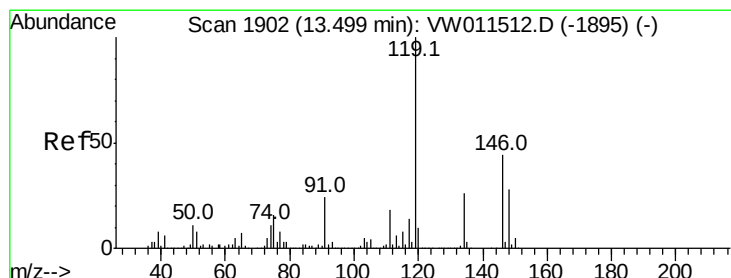
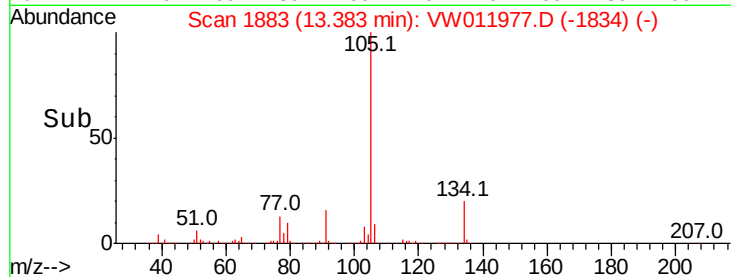
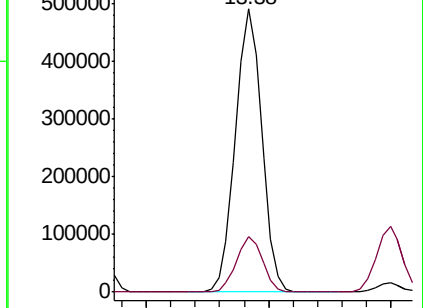
105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 58.568 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

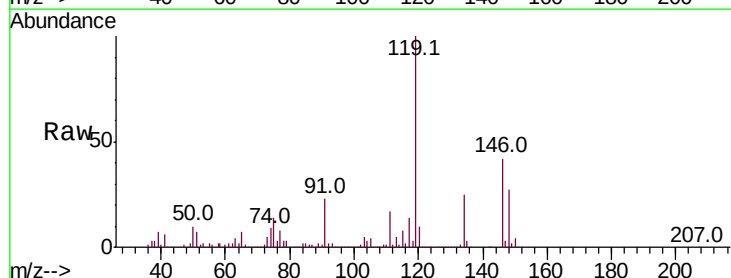
Tgt Ion:119 Resp: 656460

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

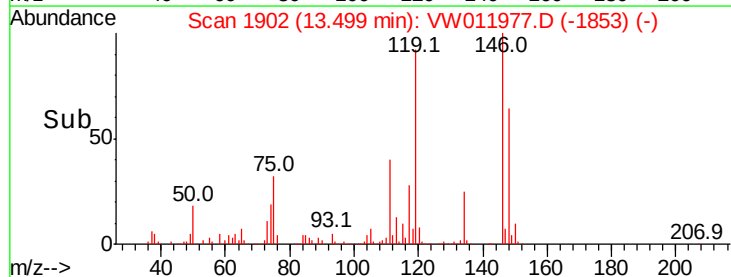
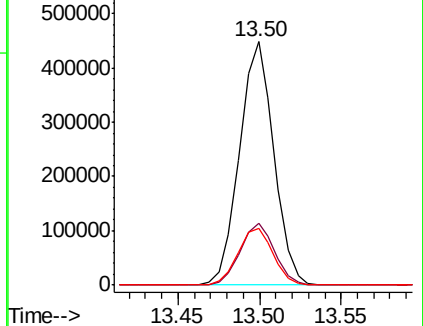
91 23.8 12.1 36.3

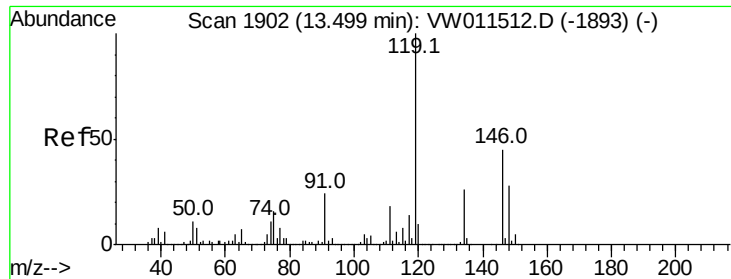


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

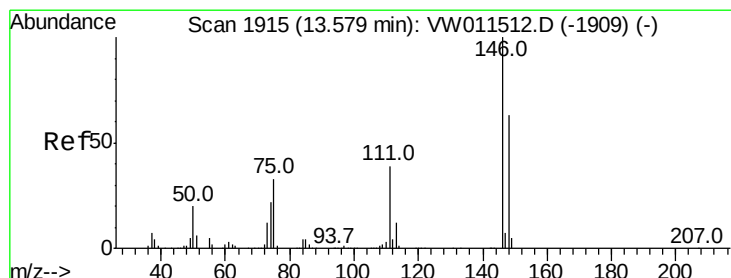
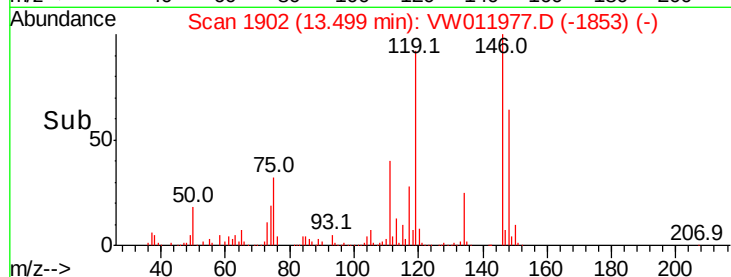
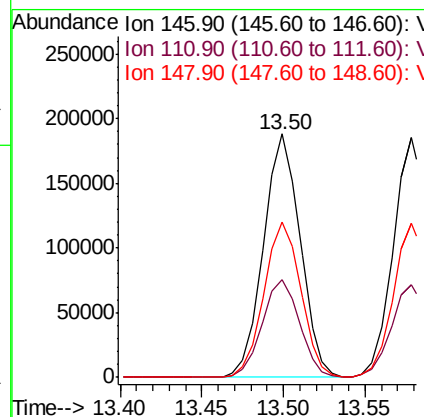
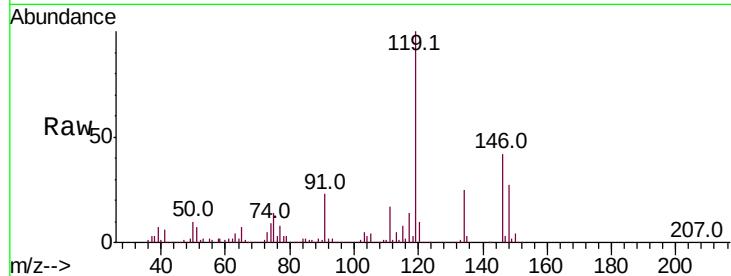




#87
 1,3-Dichlorobenzene
 Concen: 54.799 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

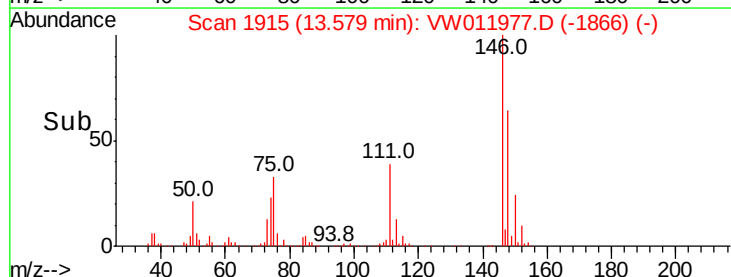
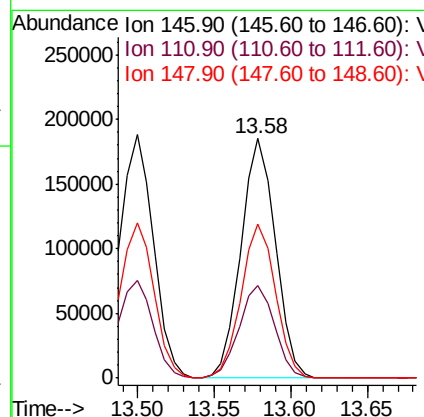
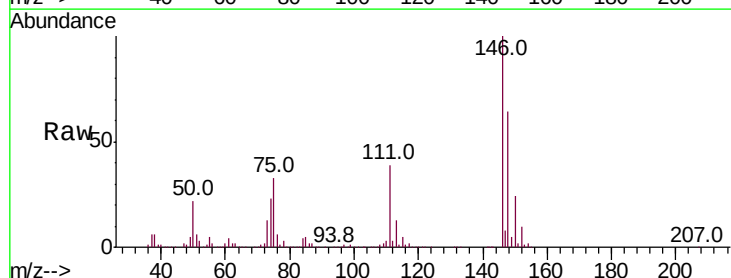
Instrument :
 MSVOA_W
 ClientSampled :

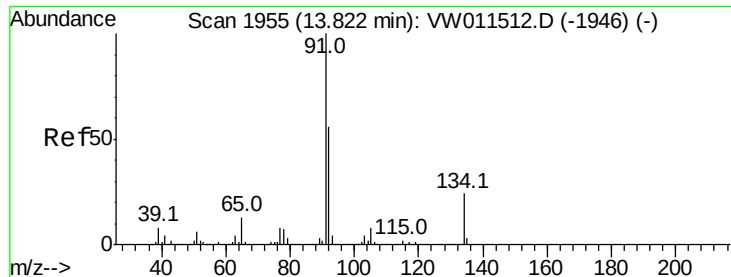
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.5	61.6
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 54.528 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 59.036 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011977.D

Acq: 19 Aug 2019 08:48

Instrument :

MSVOA_W

ClientSampled :

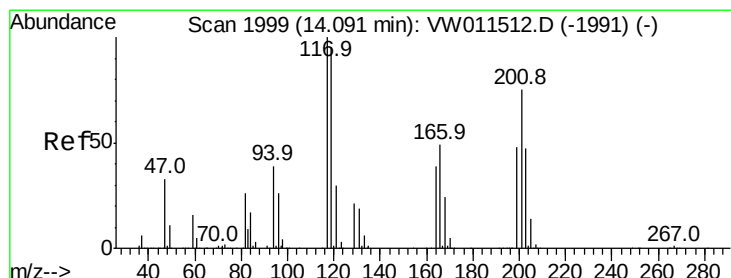
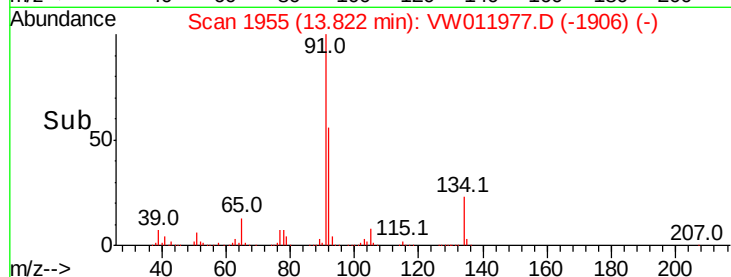
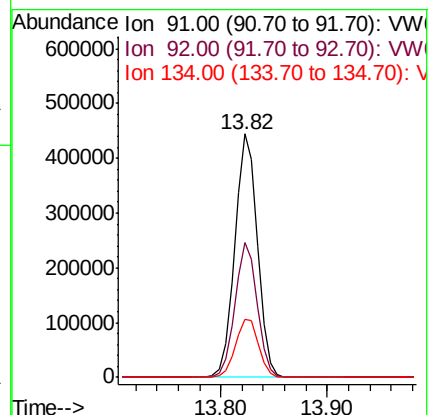
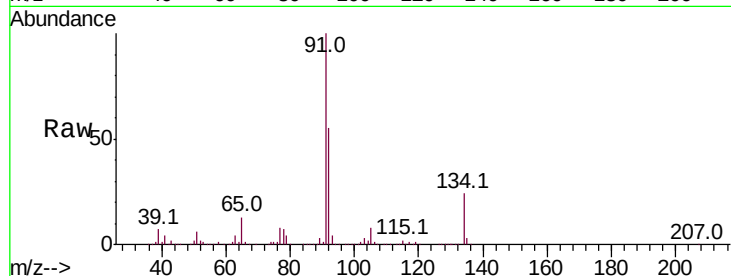
Tot Ion: 91 Resp: 660351

Ion Ratio Lower Upper

91 100

92 54.4 27.5 82.4

134 24.5 12.2 36.6



#90

Hexachloroethane

Concen: 58.709 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.01 min

Lab File: VW011977.D

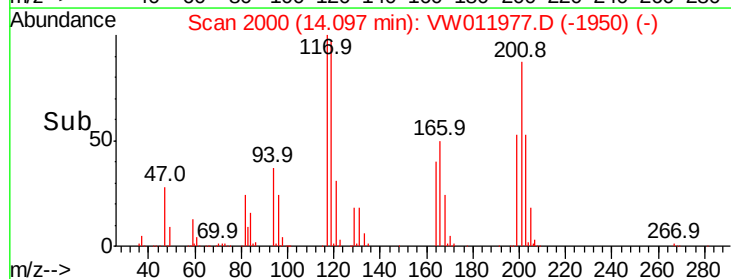
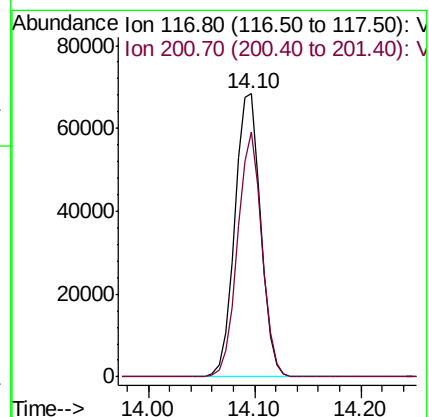
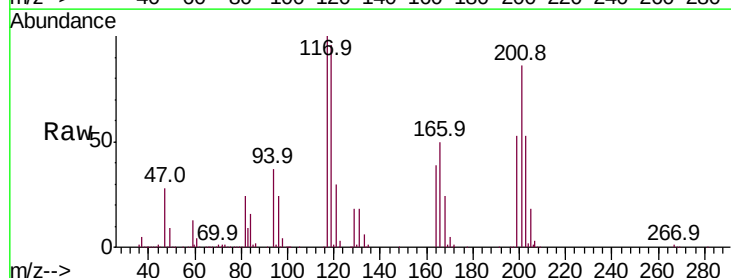
Acq: 19 Aug 2019 08:48

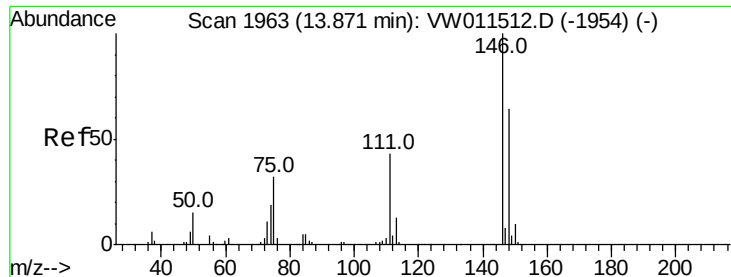
Tgt Ion: 117 Resp: 116361

Ion Ratio Lower Upper

117 100

201 81.4 39.4 118.2

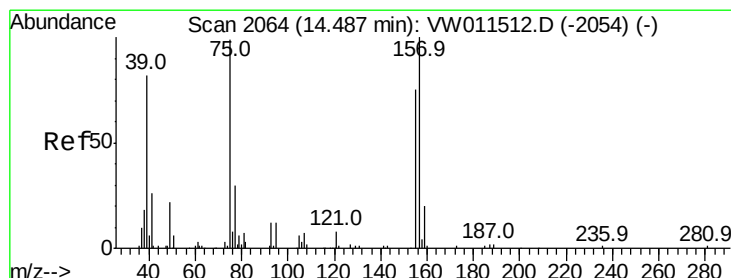
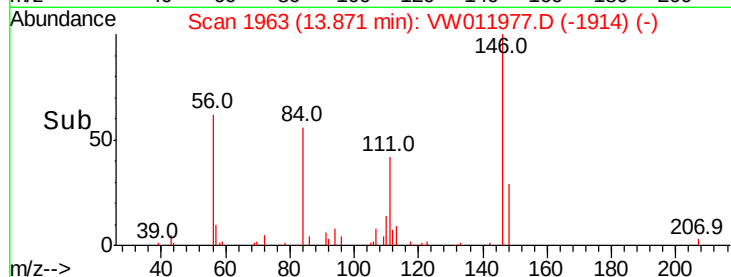
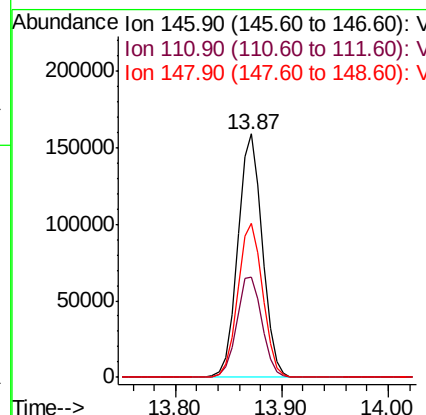
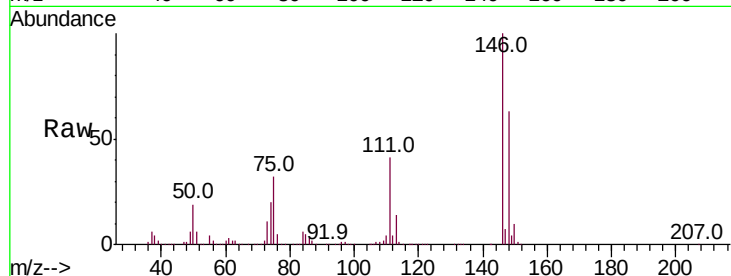




#91
 1,2-Dichlorobenzene
 Concen: 54.071 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

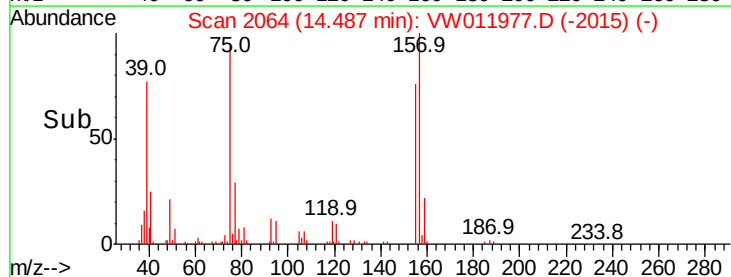
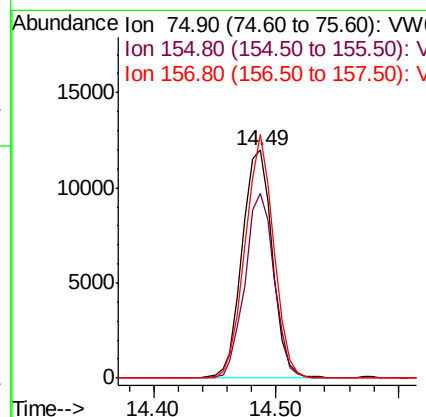
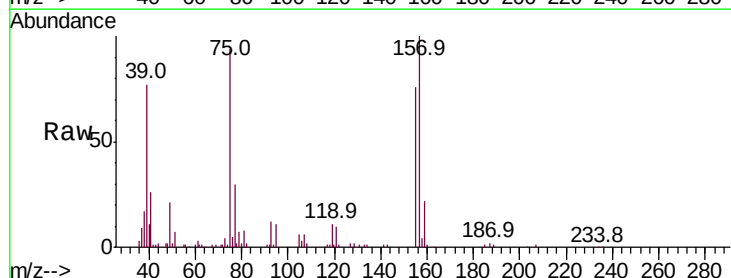
Instrument :
 MSVOA_W
 ClientSampleId :

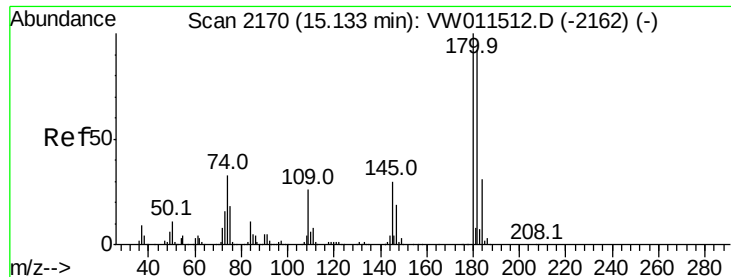
Tot Ion:146 Resp: 255987
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.6 65.0
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.824 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion: 75 Resp: 20531
 Ion Ratio Lower Upper
 75 100
 155 78.3 38.2 114.6
 157 100.4 48.9 146.7

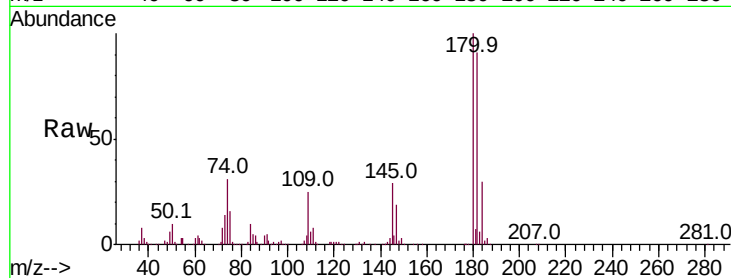




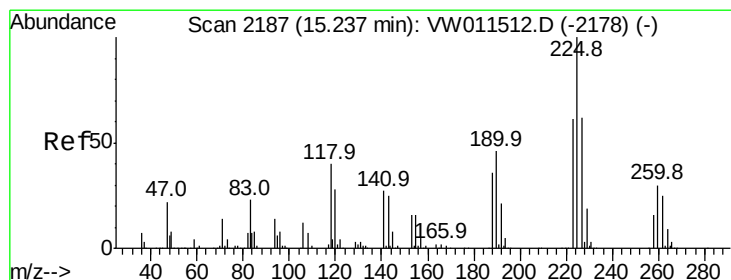
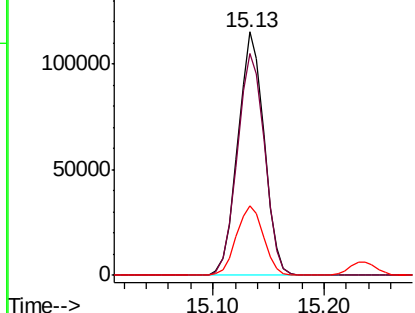
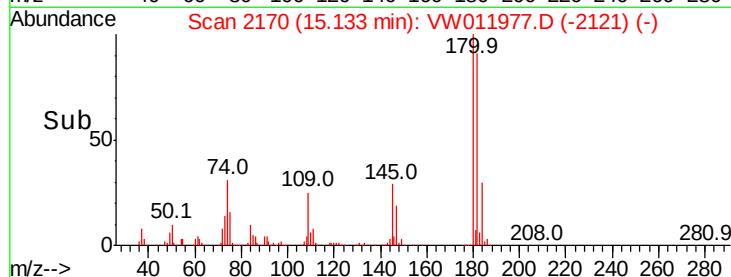
#93
 1,2,4-Trichlorobenzene
 Concen: 56.220 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:180 Resp: 187582
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 29.5 15.4 46.1

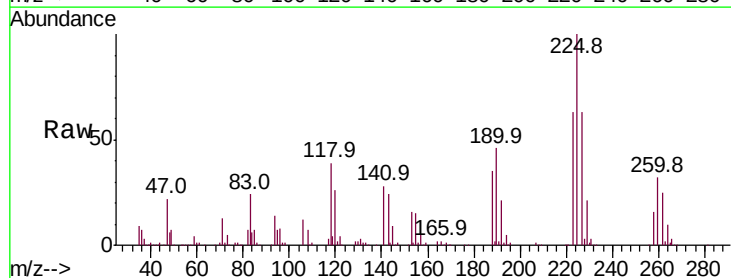


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

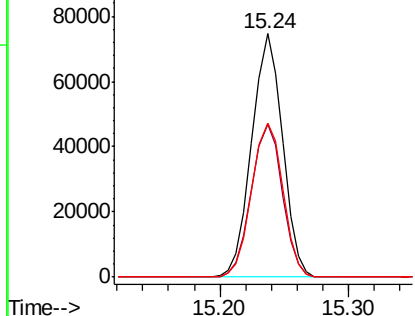
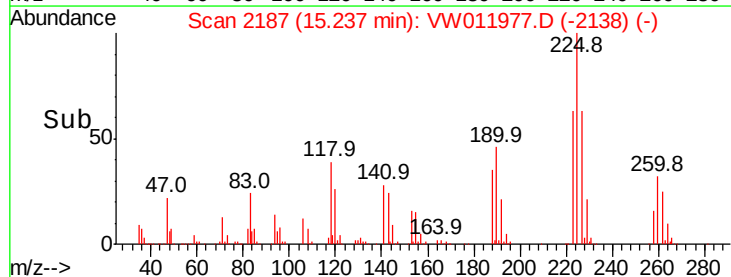


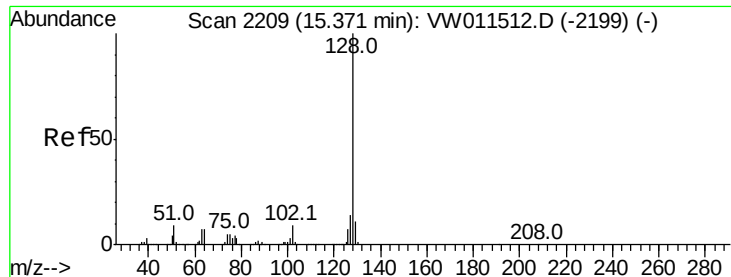
#94
 Hexachlorobutadiene
 Concen: 59.202 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011977.D
 Acq: 19 Aug 2019 08:48

Tgt Ion:225 Resp: 123185
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.8 92.3
 227 64.4 31.6 94.7



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

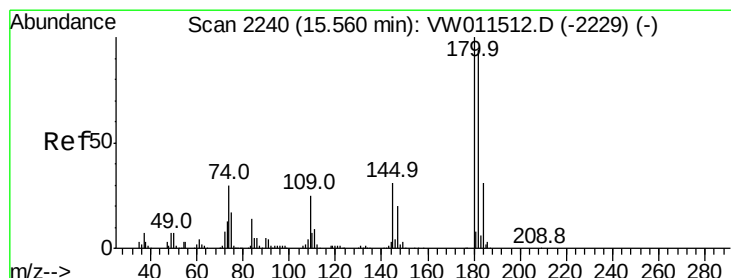
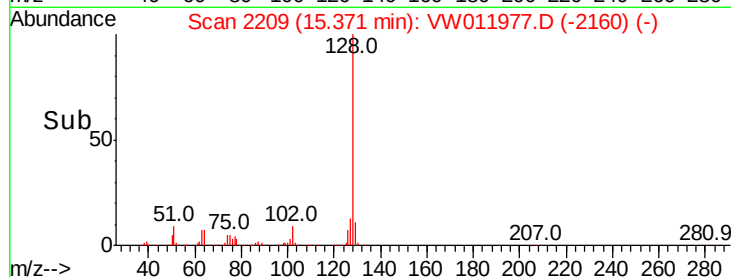
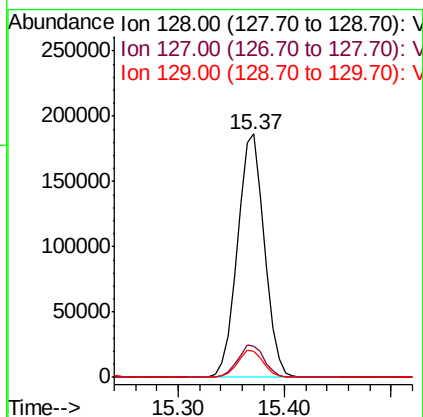
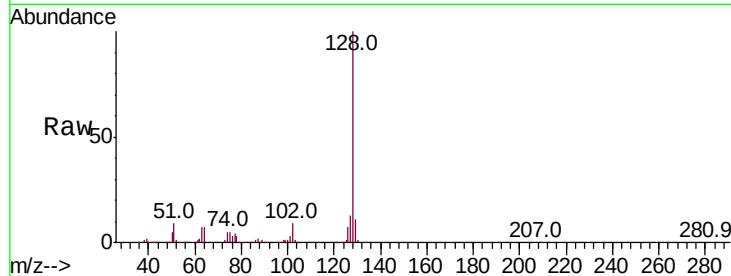




#95
Naphthalene
Concen: 50.603 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 330902
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 55.009 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011977.D
Acq: 19 Aug 2019 08:48

Tgt Ion:180 Resp: 160885
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 31.5 15.9 47.7

