

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013078.D
 Acq On : 17 Sep 2019 09:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 05:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	210710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153503	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.88	113	140491	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	561087	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.62	95	197290	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70309	55.676	ug/l	93
3) Chloromethane	2.21	50	87319	54.980	ug/l	99
4) Vinyl Chloride	2.35	62	119998	50.350	ug/l	96
5) Bromomethane	2.78	94	69393	47.678	ug/l	98
6) Chloroethane	2.92	64	75056	51.348	ug/l	99
7) Trichlorofluoromethane	3.25	101	82298	49.380	ug/l	99
8) Diethyl Ether	3.68	74	64523	49.581	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127358	50.384	ug/l	98
10) Methyl Iodide	4.26	142	161877	51.171	ug/l	98
11) Tert butyl alcohol	5.20	59	48519	232.200	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	117091	50.946	ug/l	96
13) Acrolein	3.89	56	65731	291.093	ug/l	99
14) Allyl chloride	4.66	41	233096	53.422	ug/l	96
15) Acrylonitrile	5.37	53	164209	247.056	ug/l	99
16) Acetone	4.12	43	177689	267.667	ug/l	98
17) Carbon Disulfide	4.38	76	218758	47.761	ug/l	96
18) Methyl Acetate	4.67	43	81046	46.258	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	232580	51.265	ug/l	98
20) Methylene Chloride	4.91	84	133980	54.382	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	124050	50.394	ug/l	97
22) Diisopropyl ether	6.31	45	485926	53.608	ug/l	95
23) Vinyl Acetate	6.25	43	1436334	264.565	ug/l	97
24) 1,1-Dichloroethane	6.21	63	266271	50.949	ug/l	100
25) 2-Butanone	7.17	43	243517	249.033	ug/l	100
26) 2,2-Dichloropropane	7.16	77	178434	54.159	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	153328	52.027	ug/l	98
28) Bromochloromethane	7.51	49	114113	51.876	ug/l	98
29) Tetrahydrofuran	7.53	42	142157	255.146	ug/l	98
30) Chloroform	7.67	83	266654	50.215	ug/l	97
31) Cyclohexane	7.95	56	217958	56.073	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	216415	49.488	ug/l	98
36) 1,1-Dichloropropene	8.08	75	196833	50.896	ug/l	98
37) Ethyl Acetate	7.24	43	100284	48.853	ug/l	99
38) Carbon Tetrachloride	8.07	117	193294	48.772	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013078.D
 Acq On : 17 Sep 2019 09:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 05:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	219660	51.833	ug/l	99
40) Benzene	8.32	78	552667	51.190	ug/l	99
41) Methacrylonitrile	7.48	41	65205	48.235	ug/l	98
42) 1,2-Dichloroethane	8.40	62	172191	47.577	ug/l	98
43) Isopropyl Acetate	8.42	43	201458	51.114	ug/l	98
44) Trichloroethene	9.09	130	151488	51.226	ug/l	94
45) 1,2-Dichloropropane	9.37	63	152438	53.143	ug/l	100
46) Dibromomethane	9.46	93	69134	50.306	ug/l	98
47) Bromodichloromethane	9.64	83	199675	51.799	ug/l	99
48) Methyl methacrylate	9.43	41	93250	50.412	ug/l	98
49) 1,4-Dioxane	9.46	88	21029	913.208	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	512783	252.002	ug/l	99
52) Toluene	10.38	92	357832	52.158	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200582	51.738	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	232222	52.351	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	106694	50.963	ug/l	97
56) Ethyl methacrylate	10.65	69	149524	53.061	ug/l	98
57) 1,3-Dichloropropane	10.93	76	192330	51.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	380632	251.799	ug/l	99
59) 2-Hexanone	10.97	43	371919	262.492	ug/l	100
60) Dibromochloromethane	11.13	129	127561	50.398	ug/l	96
61) 1,2-Dibromoethane	11.23	107	96684	50.625	ug/l	97
64) Tetrachloroethene	10.86	164	124818	50.535	ug/l	97
65) Chlorobenzene	11.66	112	386885	52.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	147433	52.023	ug/l	98
67) Ethyl Benzene	11.73	91	730809	53.507	ug/l	100
68) m/p-Xylenes	11.83	106	527118	105.645	ug/l	100
69) o-Xylene	12.16	106	250440	53.538	ug/l	99
70) Styrene	12.18	104	447282	53.752	ug/l	99
71) Bromoform	12.35	173	76309	51.262	ug/l #	100
73) Isopropylbenzene	12.46	105	720779	51.608	ug/l	100
74) N-amyl acetate	12.27	43	189977	52.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	122298	49.856	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	164046	88.882	ug/l #	100
77) Bromobenzene	12.74	156	163486	50.811	ug/l	100
78) n-propylbenzene	12.80	91	856800	52.153	ug/l	100
79) 2-Chlorotoluene	12.89	91	485854	51.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	612691	51.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42544	52.291	ug/l	95
82) 4-Chlorotoluene	12.99	91	518565	52.041	ug/l	99
83) tert-Butylbenzene	13.21	119	556607	52.666	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	611824	52.401	ug/l	99
85) sec-Butylbenzene	13.38	105	767081	53.273	ug/l	99
86) p-Isopropyltoluene	13.50	119	698334	52.824	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	323724	50.825	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	321379	51.345	ug/l	99
89) n-Butylbenzene	13.82	91	667214	53.516	ug/l	99
90) Hexachloroethane	14.09	117	122046	51.516	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	286569	51.162	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20414	45.464	ug/l	98

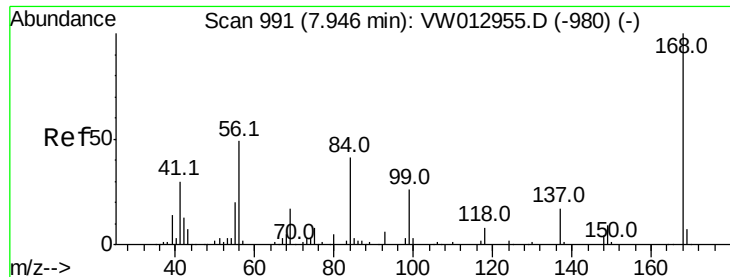
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
Data File : VW013078.D
Acq On : 17 Sep 2019 09:42
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 18 05:30:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	212637	53.231	ug/l	99
94) Hexachlorobutadiene	15.24	225	143793	50.848	ug/l	99
95) Naphthalene	15.36	128	360505	54.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	179661	50.879	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: VW013078.D

Acq: 17 Sep 2019 09:42

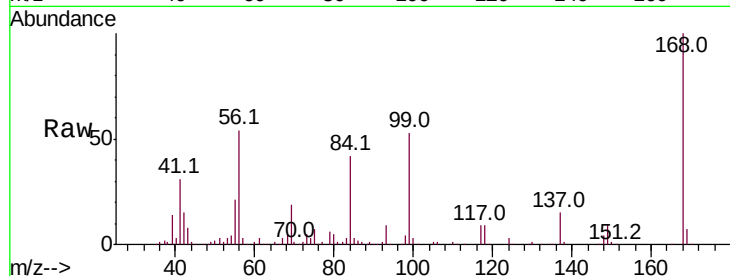
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 332971

Ion Ratio Lower Upper

168 100

99 52.8 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

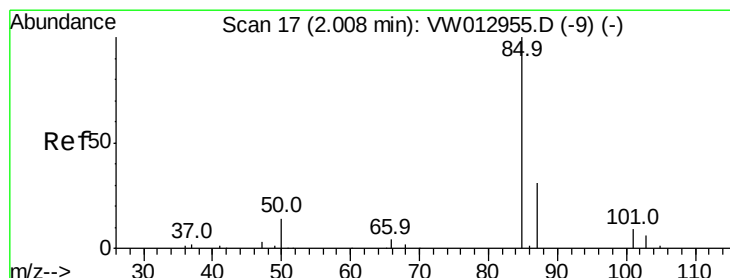
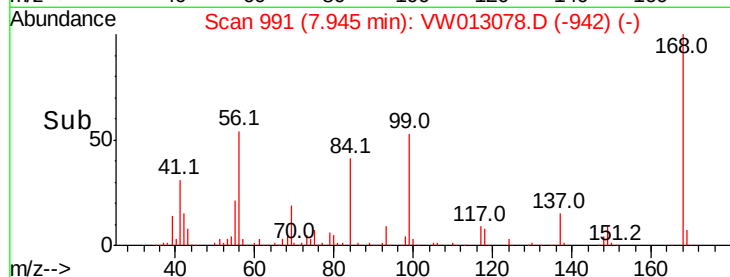
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 55.676 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013078.D

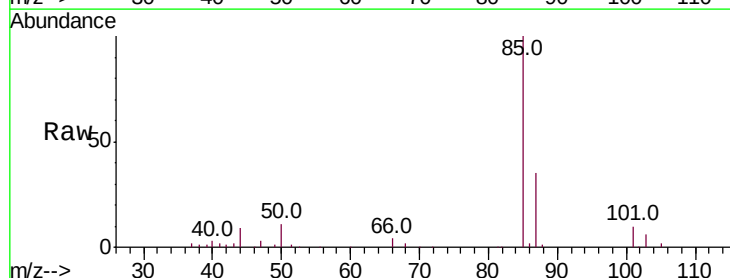
Acq: 17 Sep 2019 09:42

Tgt Ion: 85 Resp: 70309

Ion Ratio Lower Upper

85 100

87 34.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

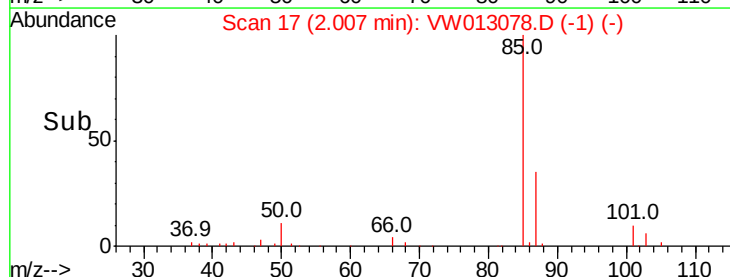
15000

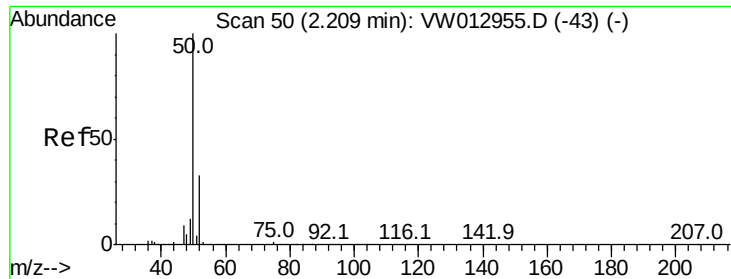
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 54.980 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

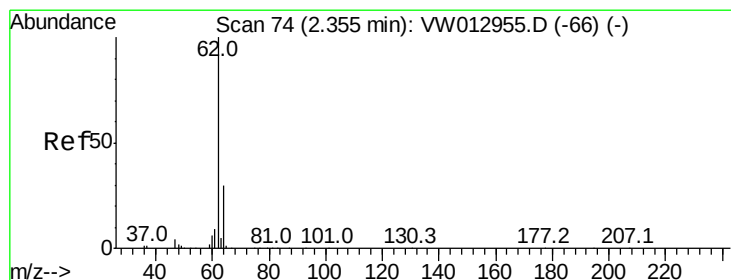
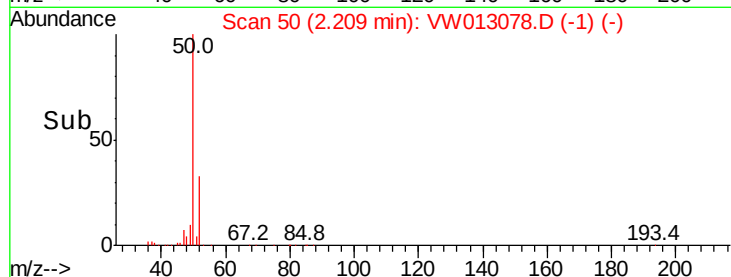
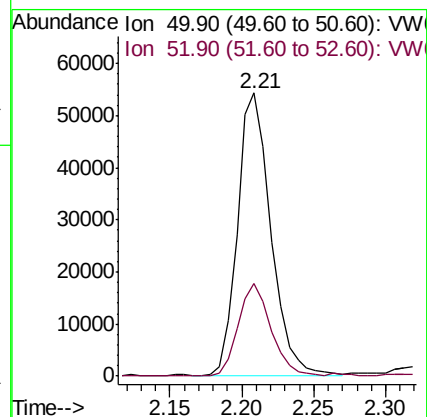
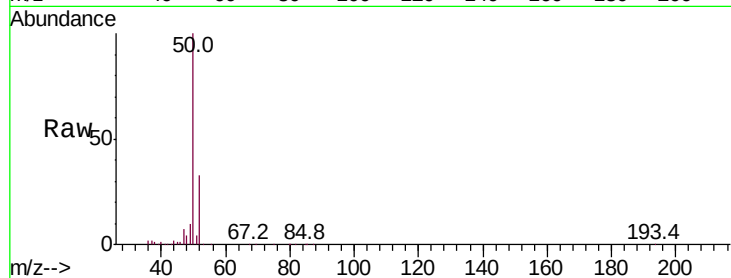
ClientSampleId :

Tot Ion: 50 Resp: 87319

Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



#4

Vinyl Chloride

Concen: 50.350 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW013078.D

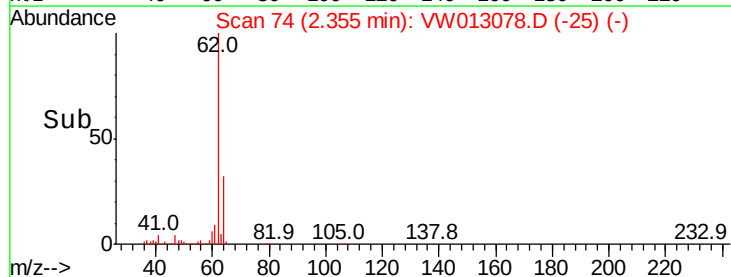
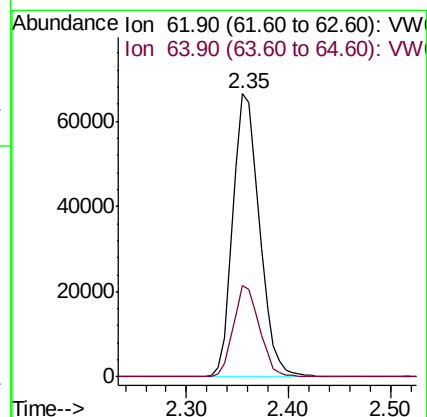
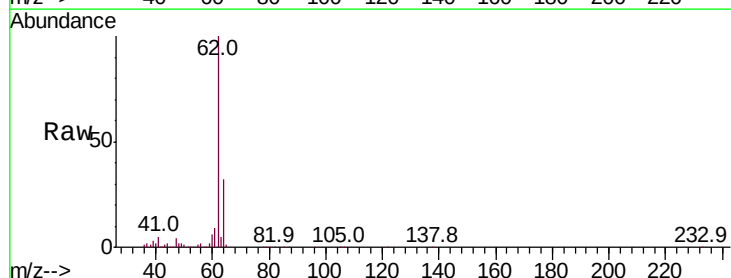
Acq: 17 Sep 2019 09:42

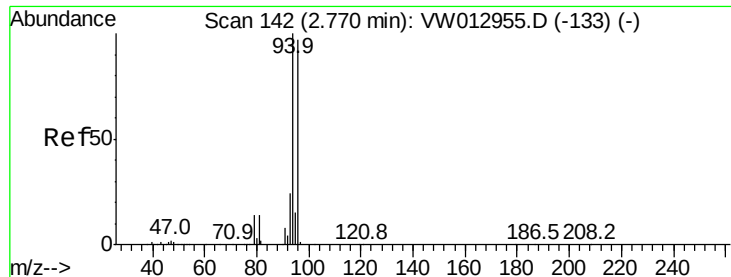
Tgt Ion: 62 Resp: 119998

Ion Ratio Lower Upper

62 100

64 32.3 24.2 36.4





#5

Bromomethane

Concen: 47.678 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

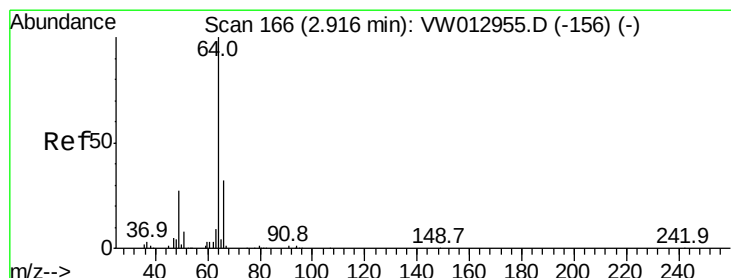
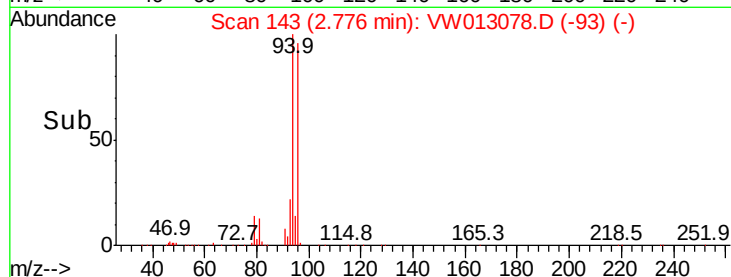
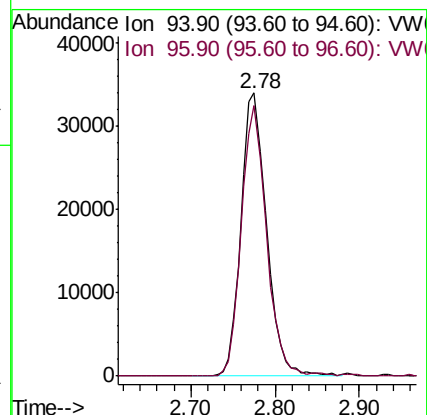
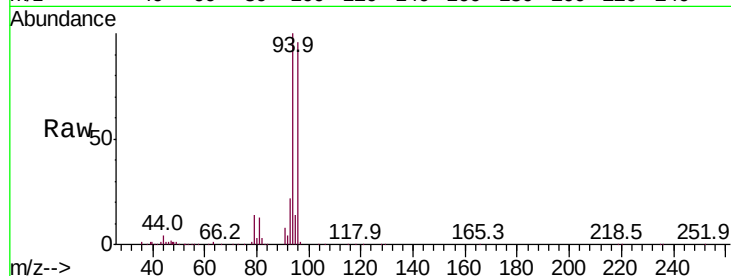
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 94 Resp: 69393

Ion	Ratio	Lower	Upper
94	100		
96	95.6	77.8	116.6



#6

Chloroethane

Concen: 51.348 ug/l

RT: 2.92 min Scan# 166

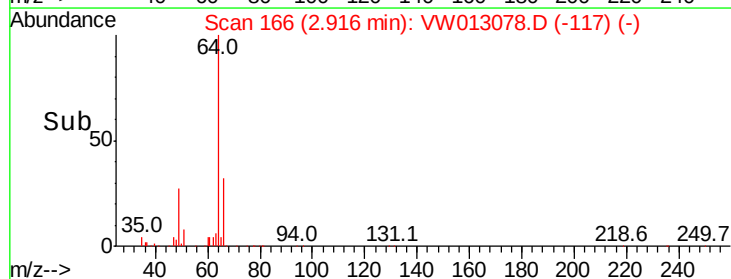
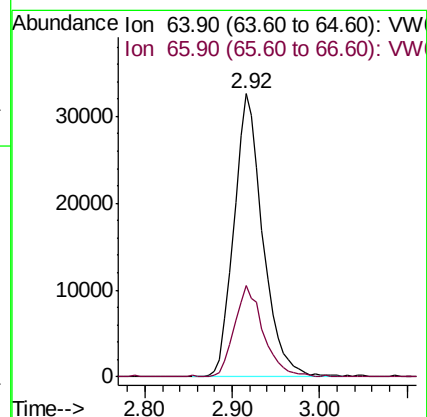
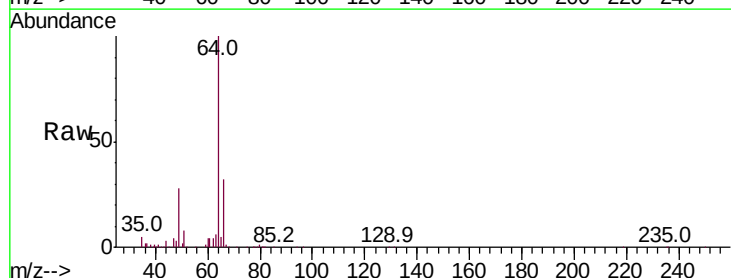
Delta R.T. -0.00 min

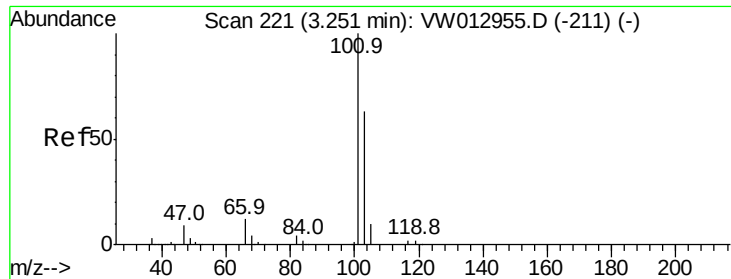
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion: 64 Resp: 75056

Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.9	38.9



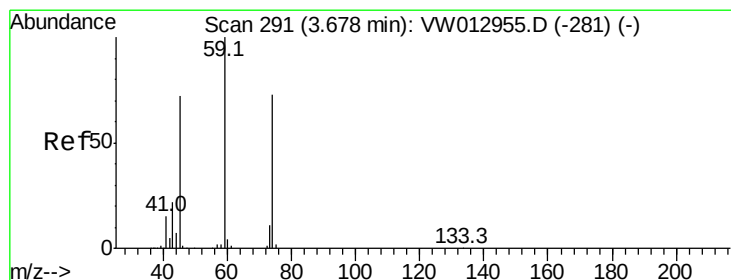
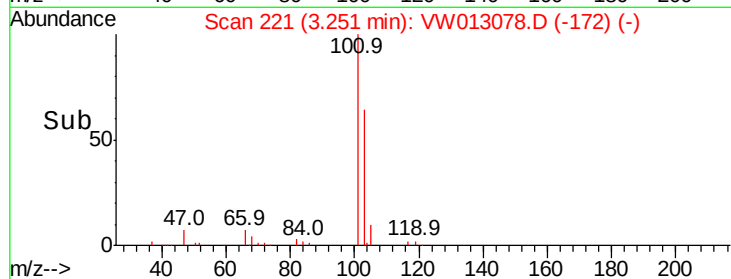
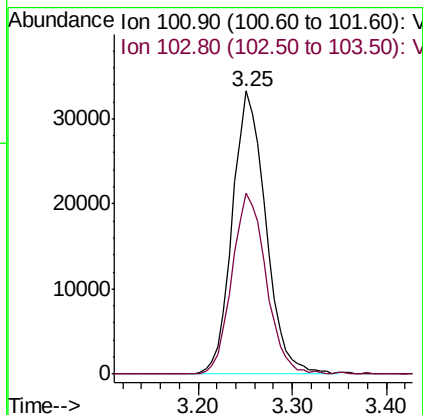
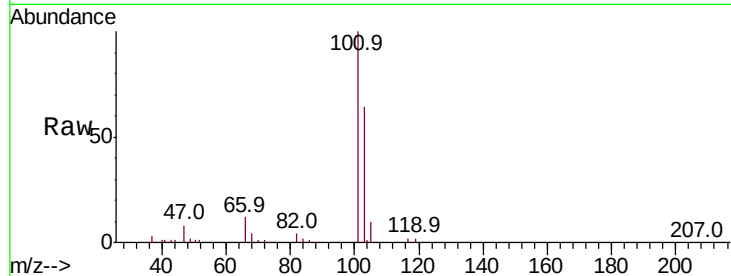


#7

Trichlorofluoromethane
 Concen: 49.380 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Instrument :
 MSVOA_W
 ClientSampleId :

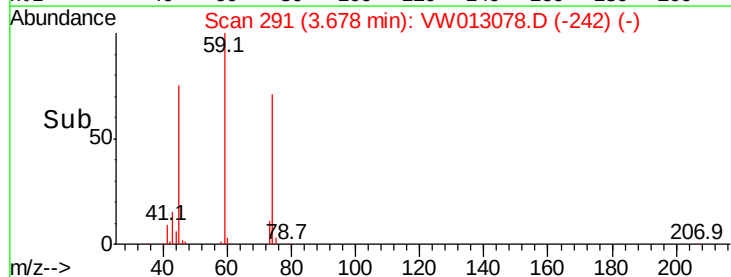
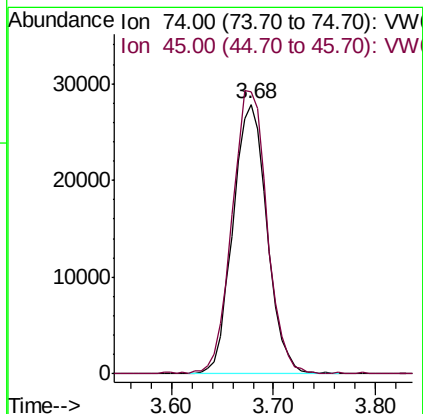
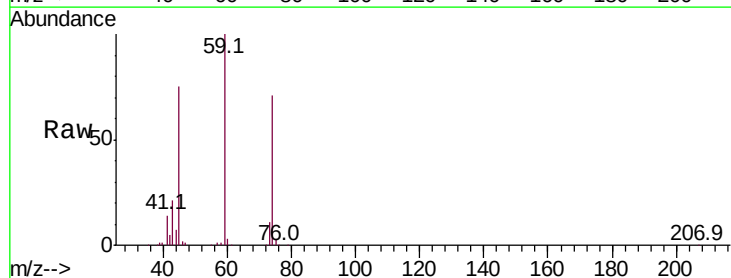
Tot Ion:101 Resp: 82298
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

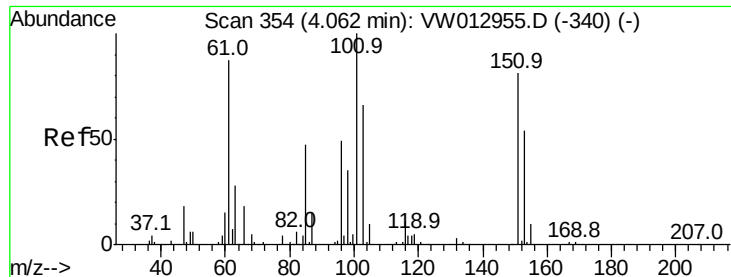


#8

Diethyl Ether
 Concen: 49.581 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion: 74 Resp: 64523
 Ion Ratio Lower Upper
 74 100
 45 107.6 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.384 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

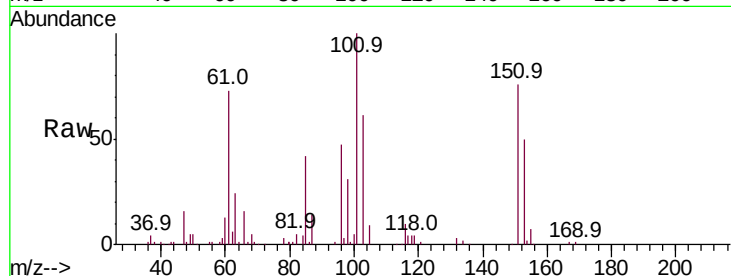
Tot Ion:101 Resp: 127358

Ion Ratio Lower Upper

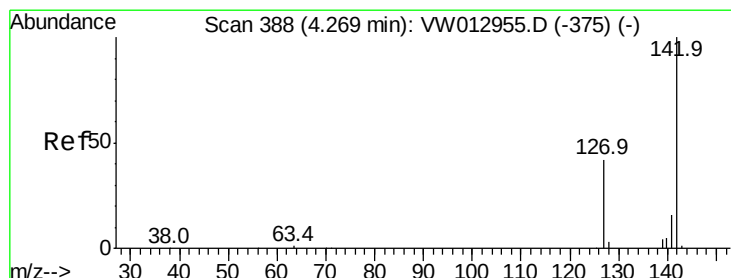
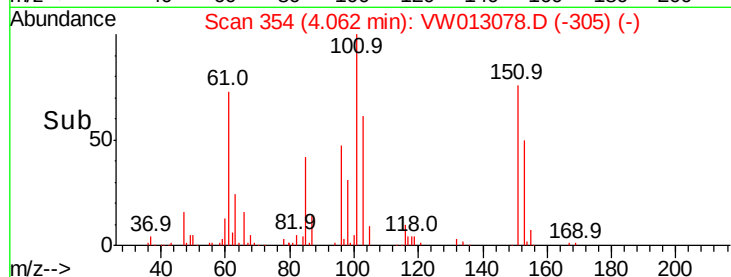
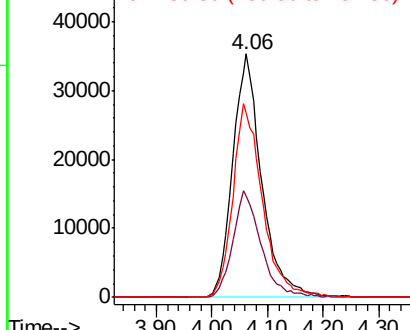
101 100

85 42.5 34.9 52.3

151 81.1 66.0 99.0



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: 51.171 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

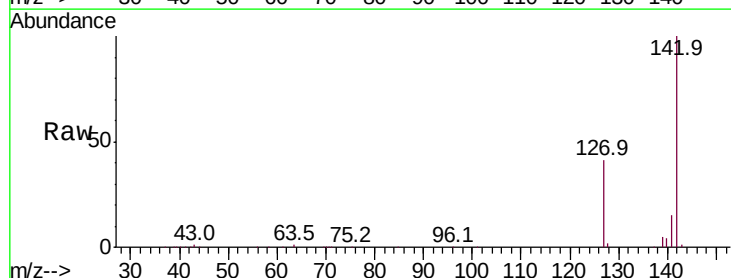
Tgt Ion:142 Resp: 161877

Ion Ratio Lower Upper

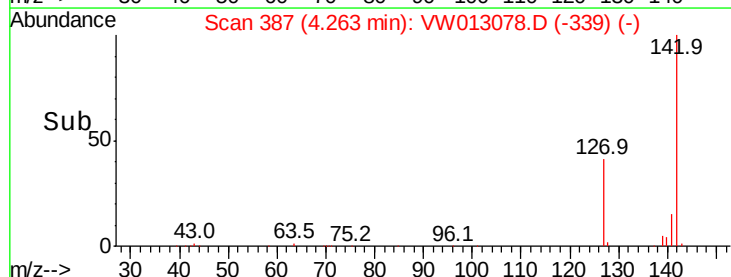
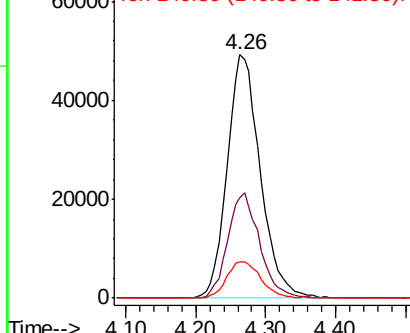
142 100

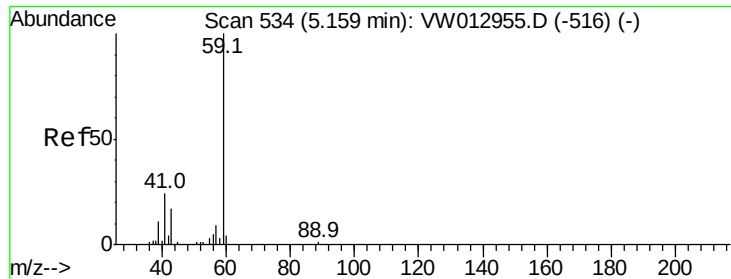
127 41.7 34.7 52.1

141 15.4 12.2 18.2



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



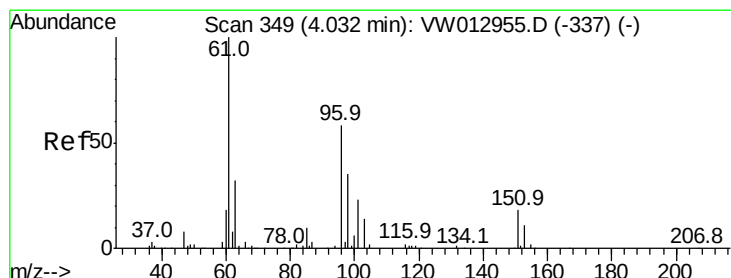
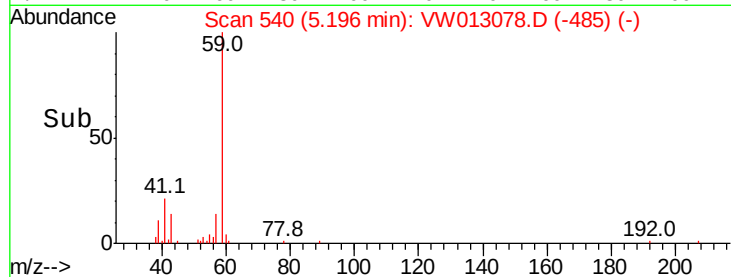
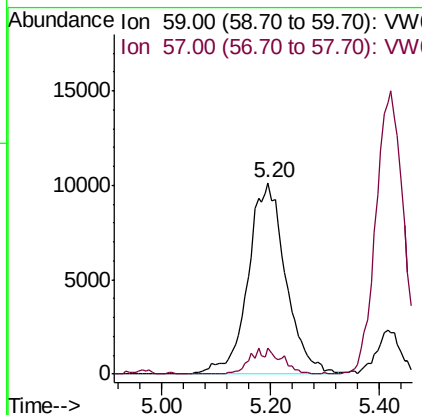
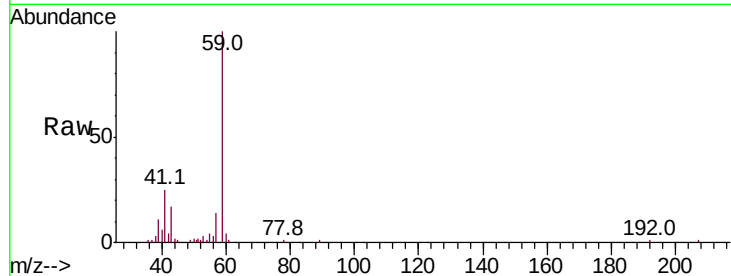


#11

Tert butyl alcohol
Concen: 232.200 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.04 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

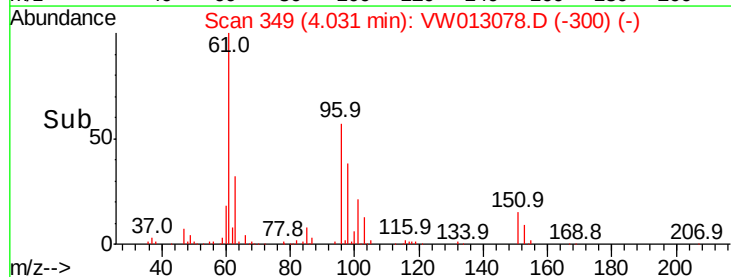
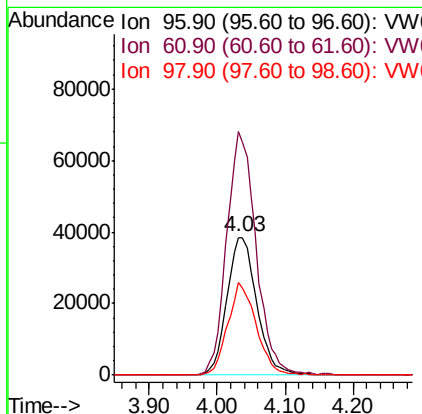
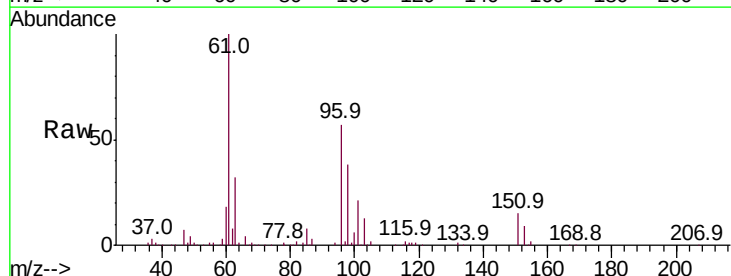
Tot Ion: 59 Resp: 48519
Ion Ratio Lower Upper
59 100
57 5.5 8.5 12.7#

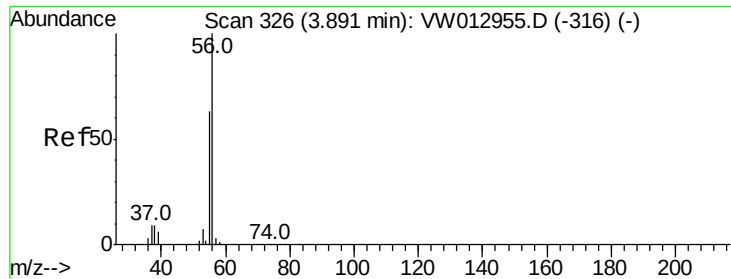


#12

1,1-Dichloroethene
Concen: 50.946 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 96 Resp: 117091
Ion Ratio Lower Upper
96 100
61 176.3 137.9 206.9
98 67.5 48.9 73.3

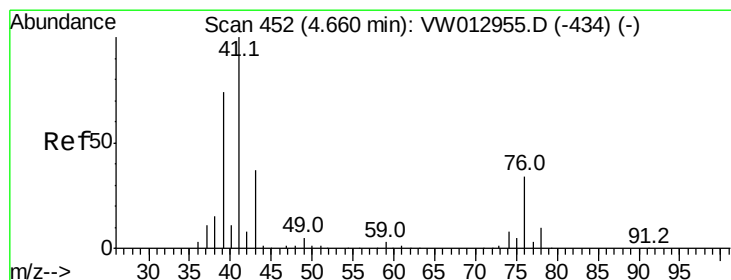
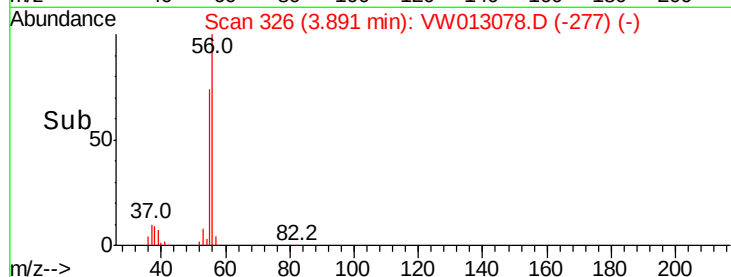
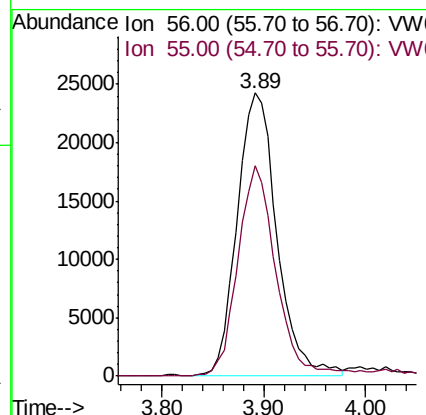
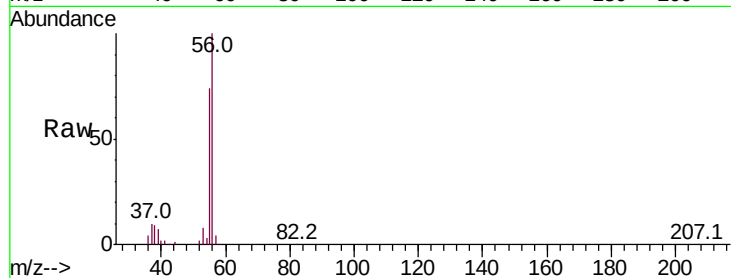




#13
Acrolein
Concen: 291.093 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

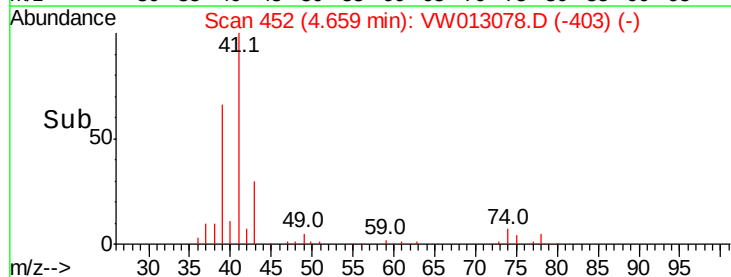
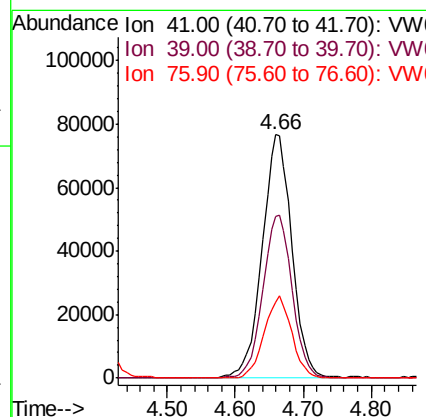
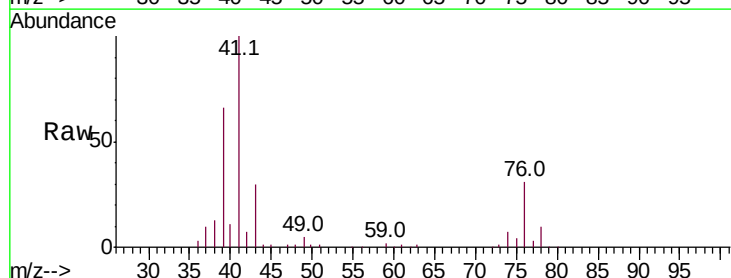
Instrument :
MSVOA_W
ClientSampled :

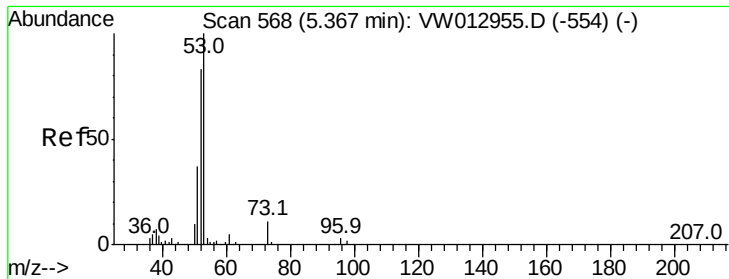
Tot Ion: 56 Resp: 65731
Ion Ratio Lower Upper
56 100
55 70.6 55.8 83.8



#14
Allyl chloride
Concen: 53.422 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 41 Resp: 233096
Ion Ratio Lower Upper
41 100
39 66.1 56.7 85.1
76 31.2 25.1 37.7





#15

Acrylonitrile

Concen: 247.056 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

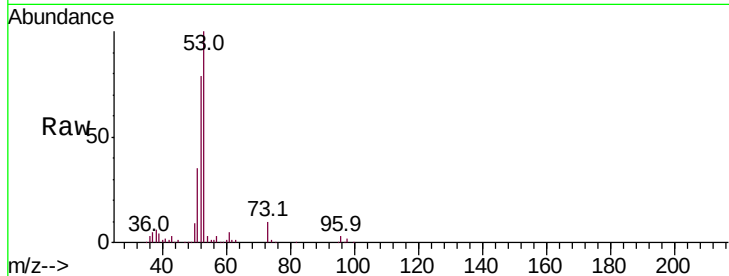
Tot Ion: 53 Resp: 164209

Ion Ratio Lower Upper

53 100

52 84.2 66.6 100.0

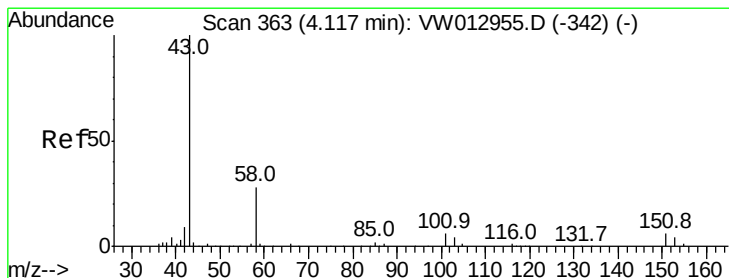
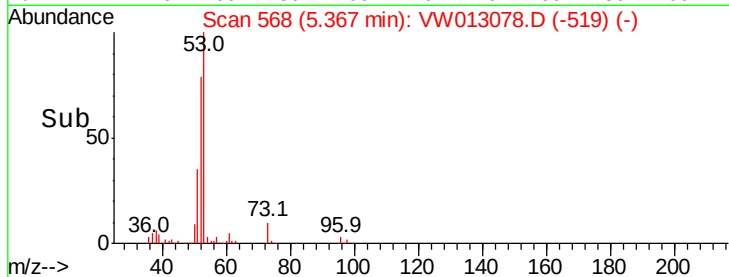
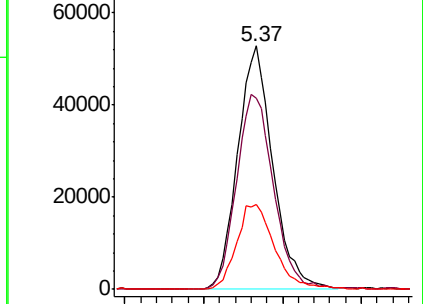
51 37.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VW

Ion 52.00 (51.70 to 52.70): VW

Ion 51.00 (50.70 to 51.70): VW



#16

Acetone

Concen: 267.667 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW013078.D

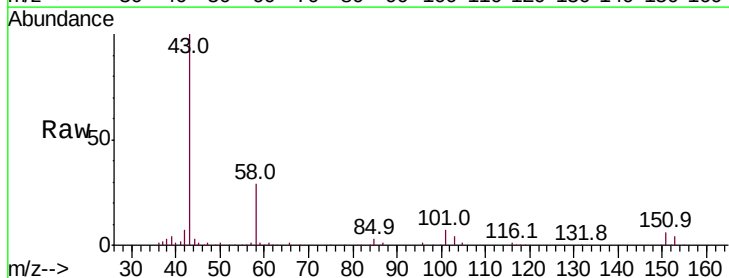
Acq: 17 Sep 2019 09:42

Tgt Ion: 43 Resp: 177689

Ion Ratio Lower Upper

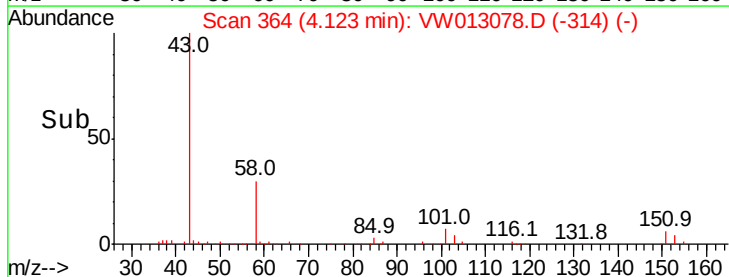
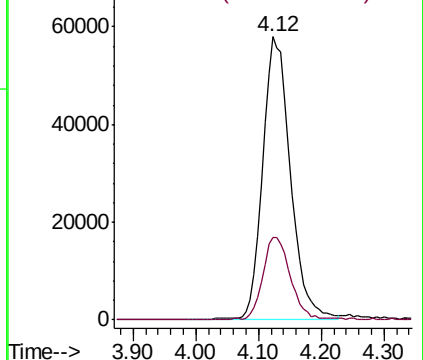
43 100

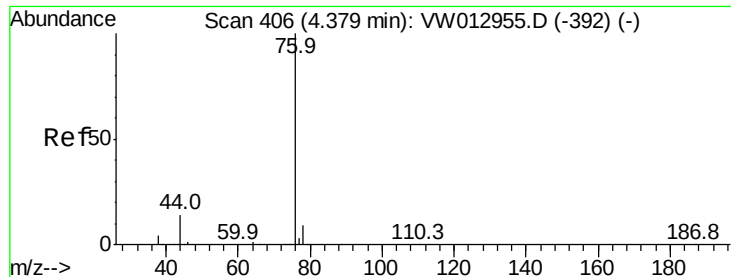
58 29.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 47.761 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

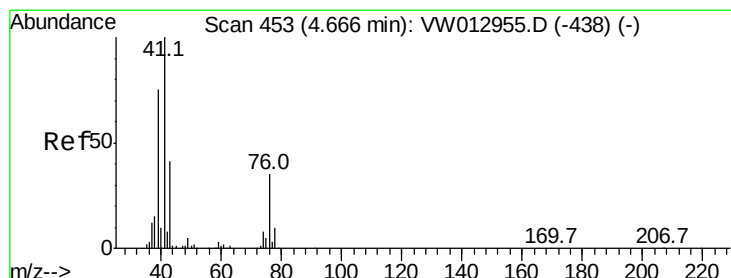
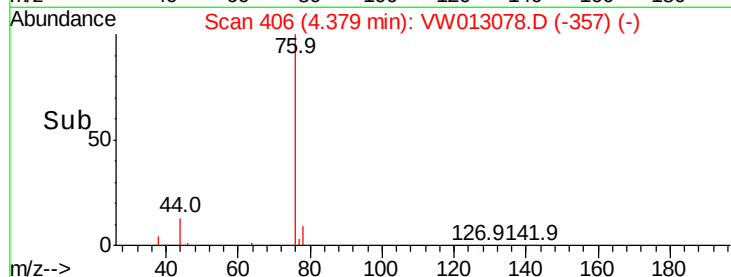
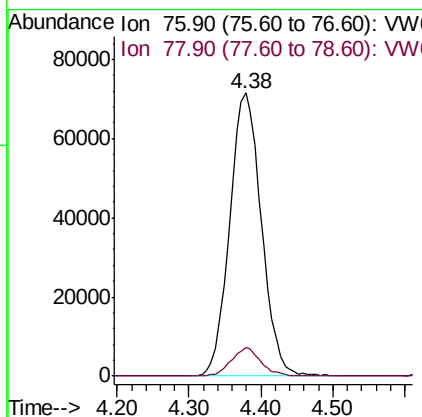
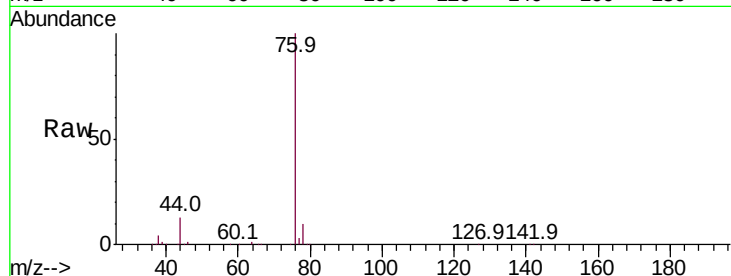
ClientSampled :

Tot Ion: 76 Resp: 218758

Ion Ratio Lower Upper

76 100

78 10.1 7.0 10.4



#18

Methyl Acetate

Concen: 46.258 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW013078.D

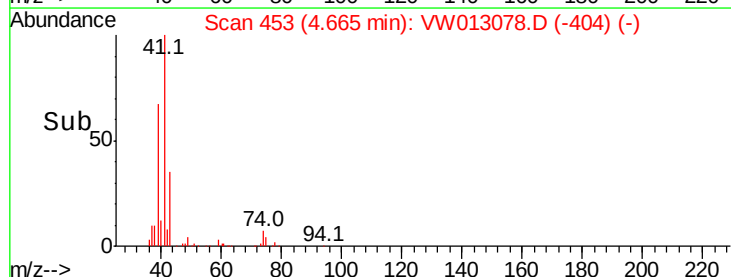
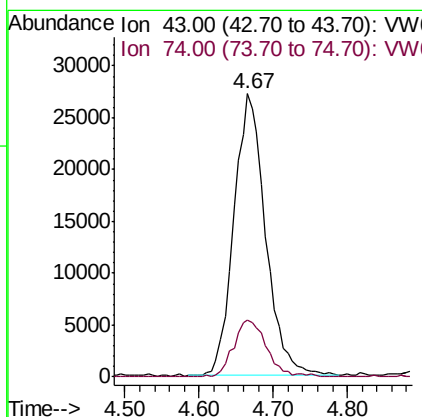
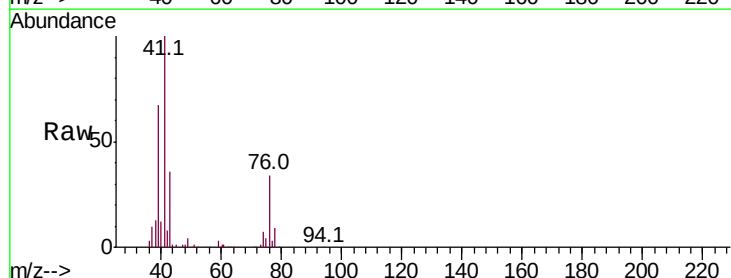
Acq: 17 Sep 2019 09:42

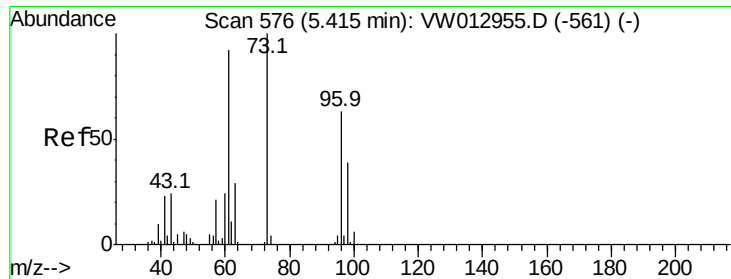
Tgt Ion: 43 Resp: 81046

Ion Ratio Lower Upper

43 100

74 21.3 17.8 26.8

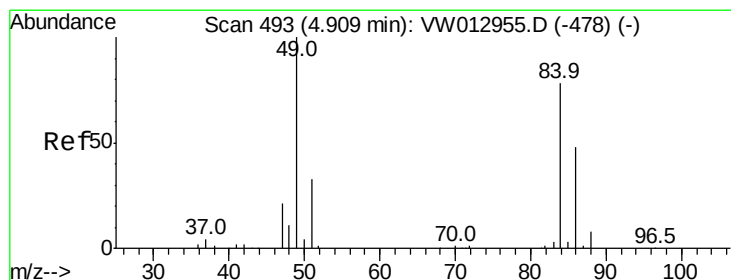
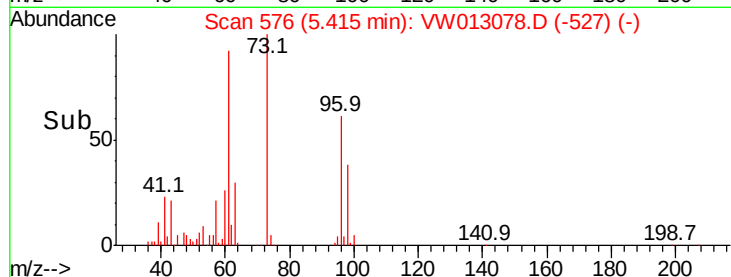
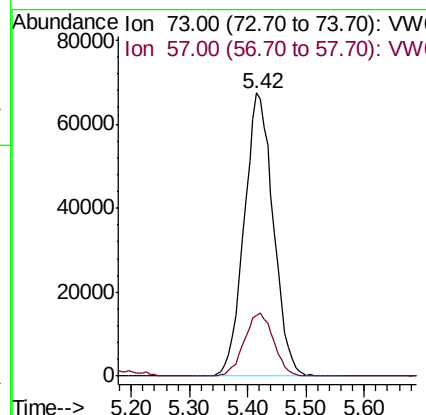
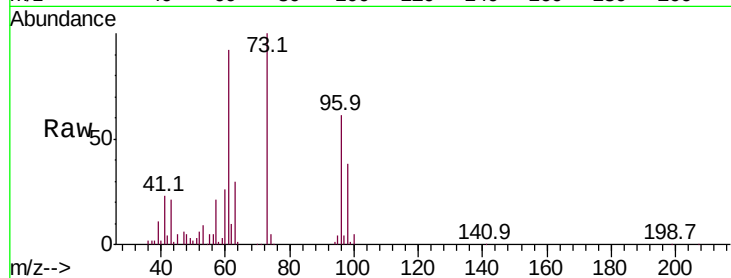




#19
Methyl tert-butyl Ether
Concen: 51.265 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

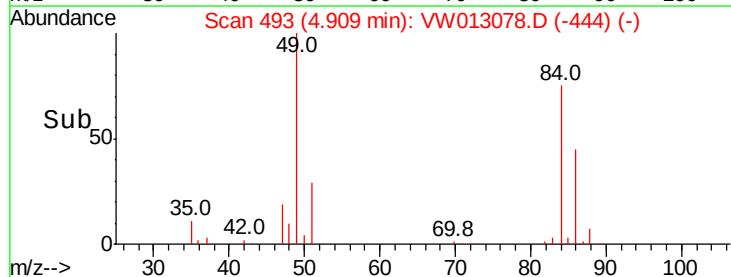
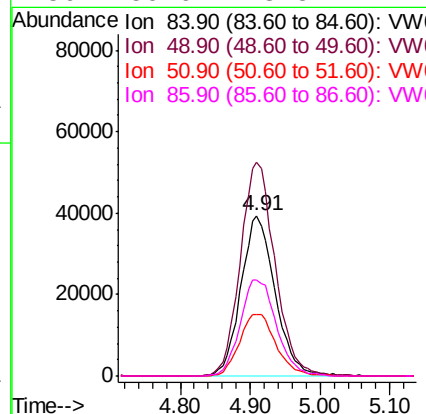
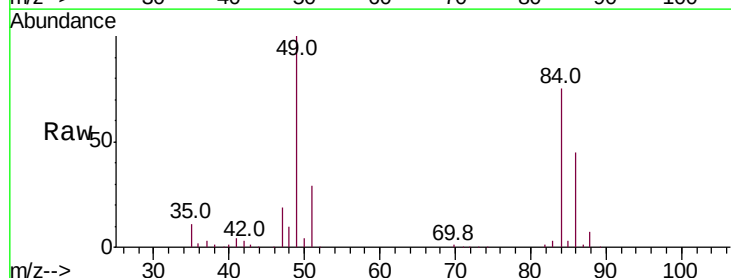
Instrument :
MSVOA_W
ClientSampled :

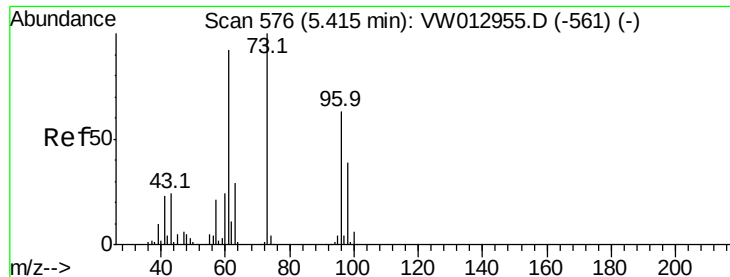
Tot Ion: 73 Resp: 232580
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6



#20
Methylene Chloride
Concen: 54.382 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 84 Resp: 133980
Ion Ratio Lower Upper
84 100
49 133.3 102.0 153.0
51 38.4 34.0 51.0
86 59.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 50.394 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampleId :

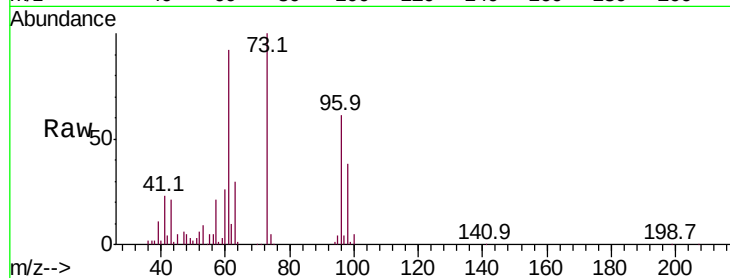
Tot Ion: 96 Resp: 124050

Ion Ratio Lower Upper

96 100

61 150.2 116.2 174.2

98 61.1 49.8 74.6

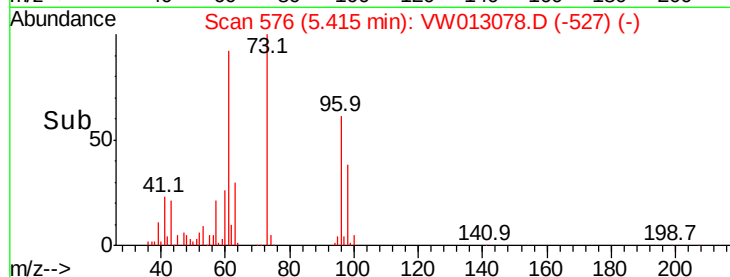
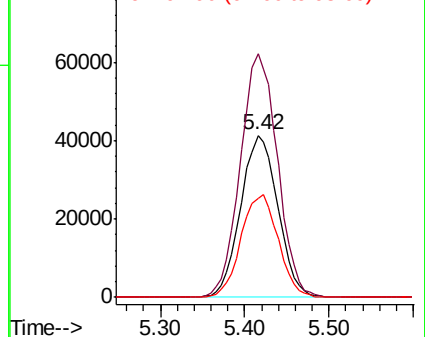


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 53.608 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion: 45 Resp: 485926

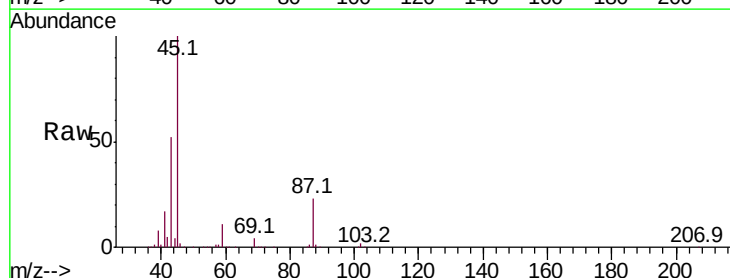
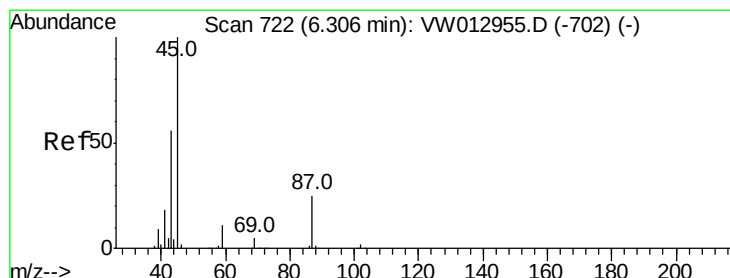
Ion Ratio Lower Upper

45 100

43 51.5 44.6 67.0

87 22.8 20.0 30.0

59 10.6 8.7 13.1



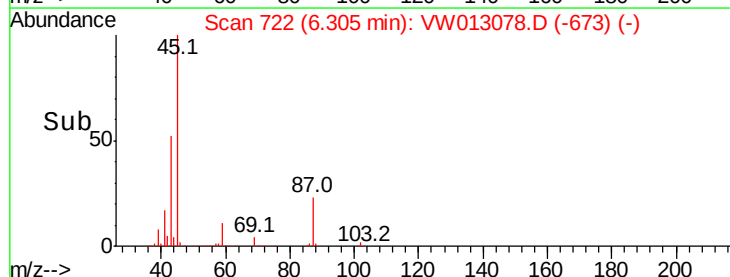
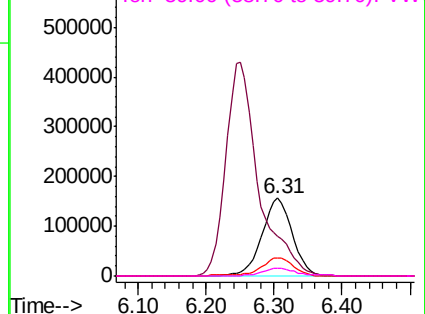
Abundance

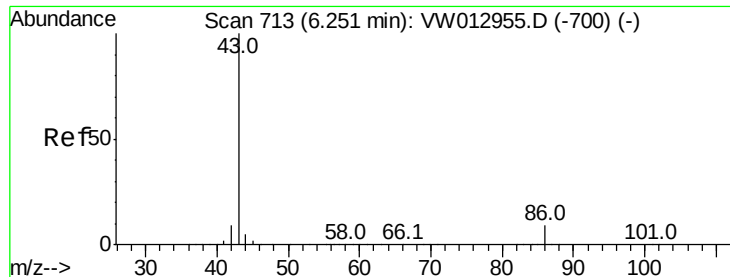
Ion 45.00 (44.70 to 45.70): VW

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: 264.565 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

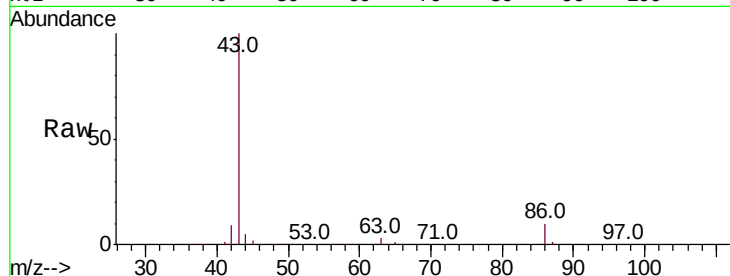
ClientSampleId :

Tot Ion: 43 Resp: 1436334

Ion Ratio Lower Upper

43 100

86 9.9 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

400000

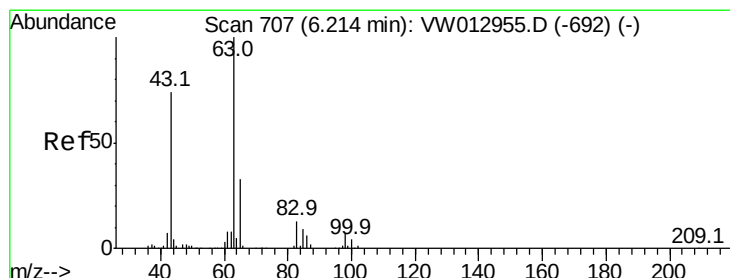
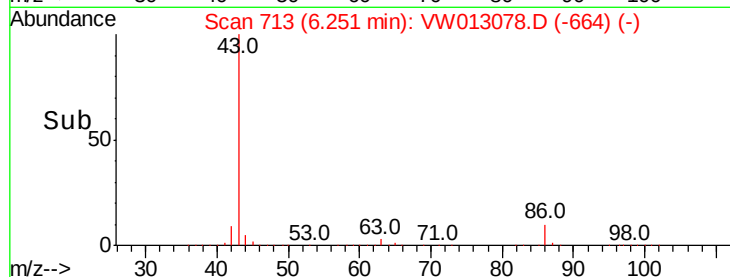
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.949 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

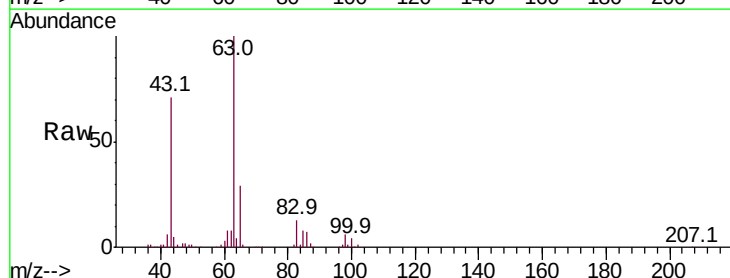
Tgt Ion: 63 Resp: 266271

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 3.8 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

120000

100000

80000

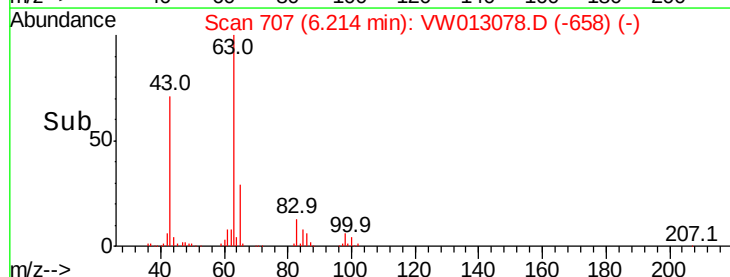
60000

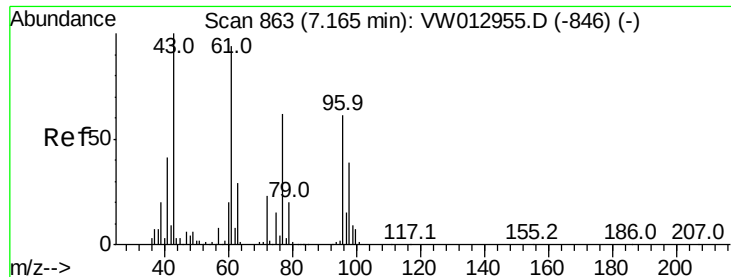
40000

20000

0

Time-->





#25

2-Butanone

Concen: 249.033 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

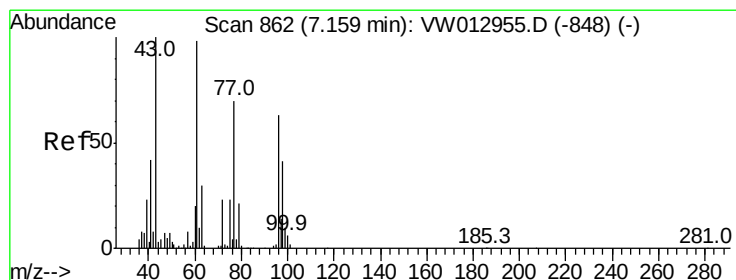
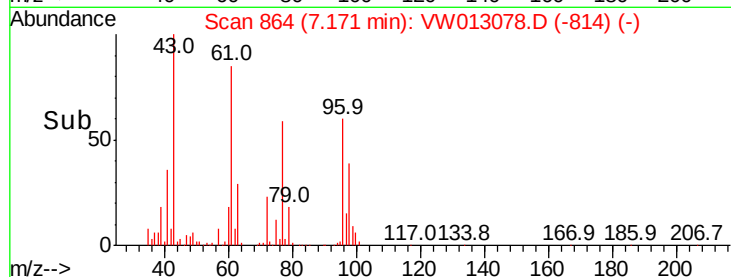
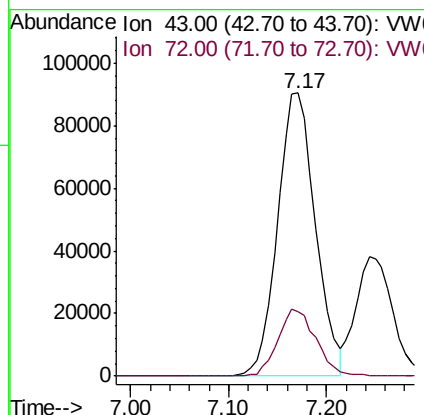
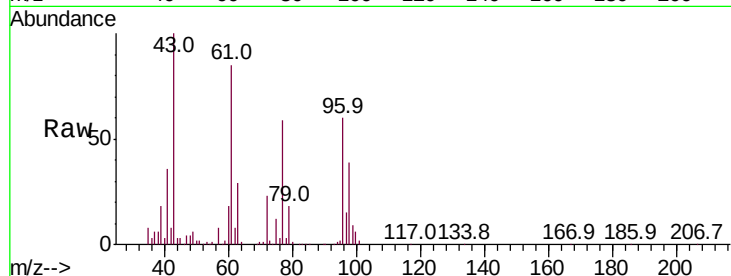
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 243517

Ion Ratio Lower Upper

43 100

72 22.9 18.2 27.4



#26

2,2-Dichloropropane

Concen: 54.159 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW013078.D

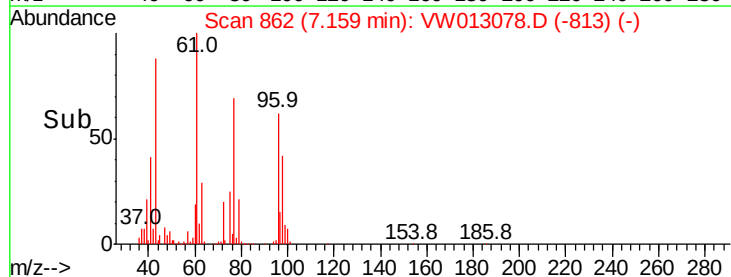
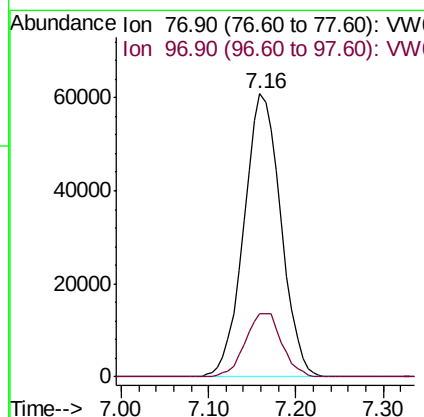
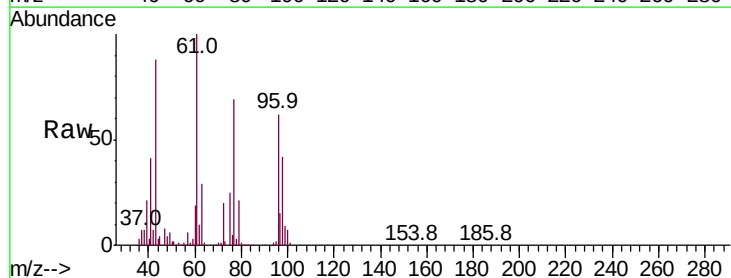
Acq: 17 Sep 2019 09:42

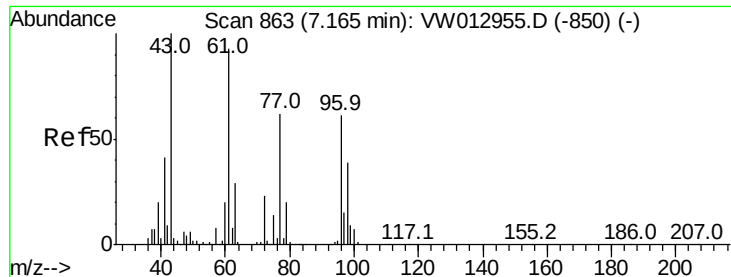
Tgt Ion: 77 Resp: 178434

Ion Ratio Lower Upper

77 100

97 22.3 10.7 32.1



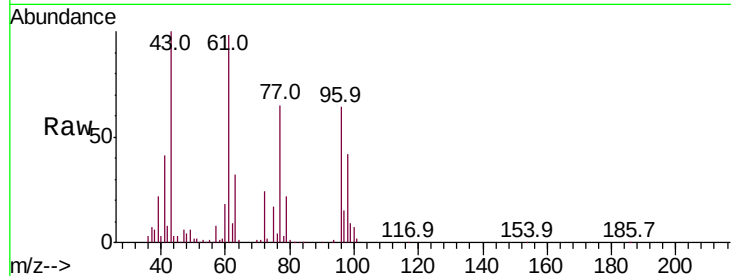


#27

cis-1,2-Dichloroethene
Concen: 52.027 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.7	0.0	315.4
98	64.7	0.0	131.0

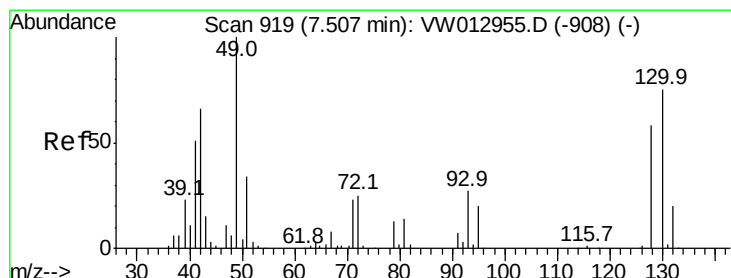
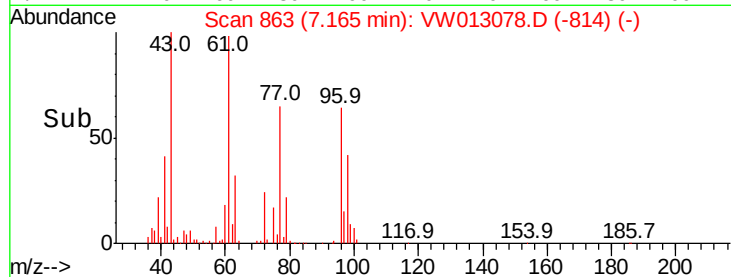
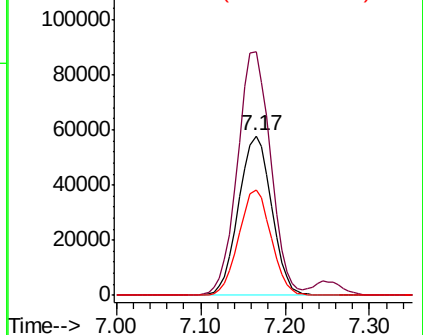


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

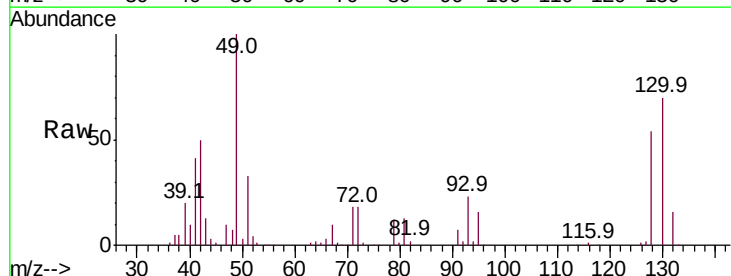
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
Concen: 51.876 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.4
130	70.9	57.8	86.6

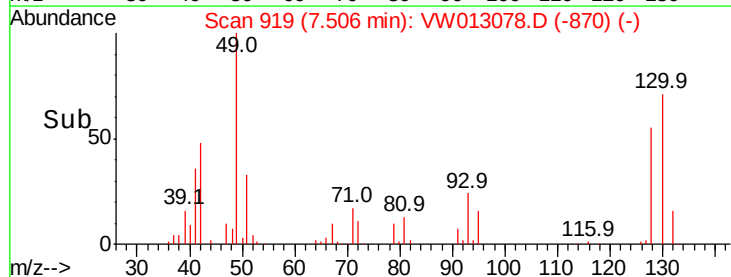
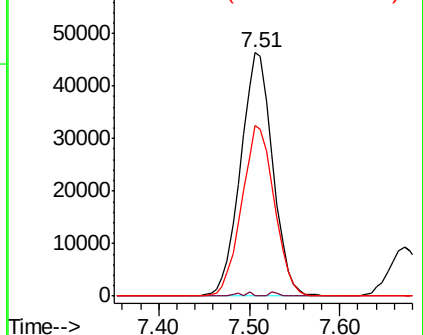


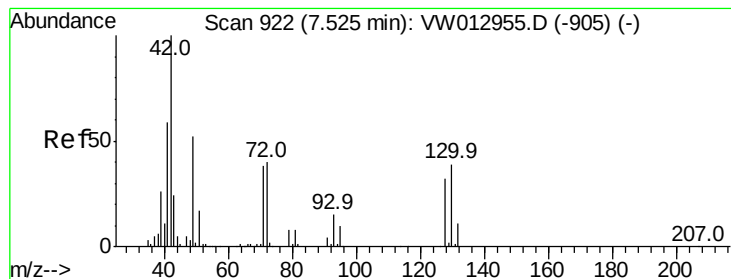
Abundance

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: 255.146 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.01 min

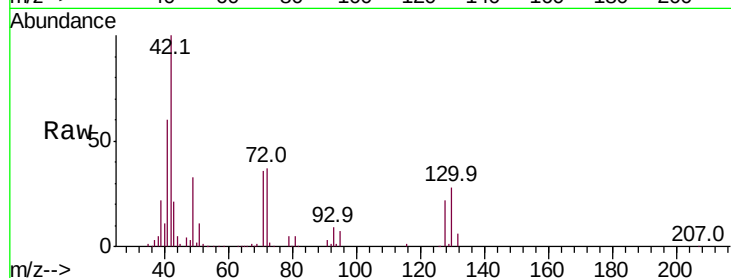
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 42 Resp: 142157

Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.4	47.0
71	36.1	29.8	44.8

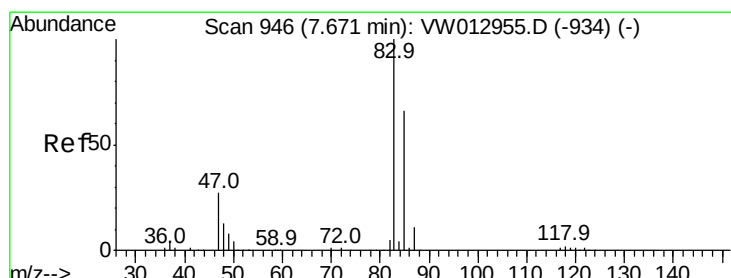
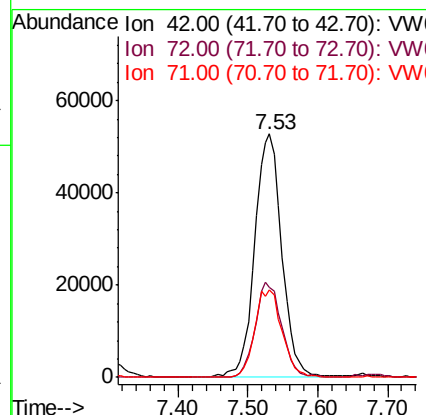
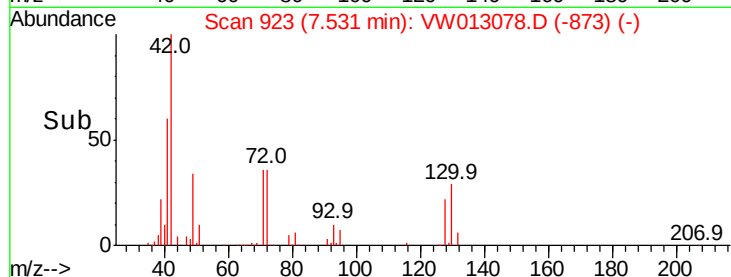


Abundance

Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 50.215 ug/l

RT: 7.67 min Scan# 946

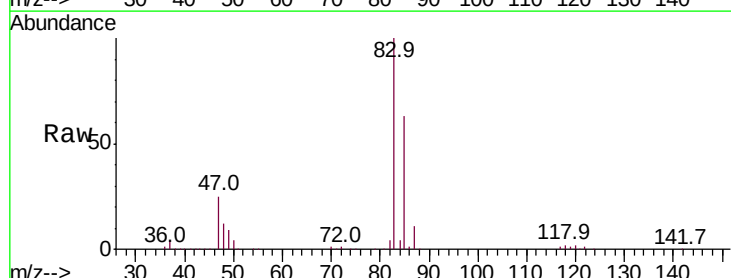
Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion: 83 Resp: 266654

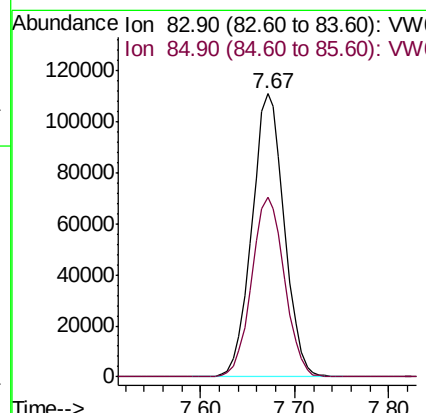
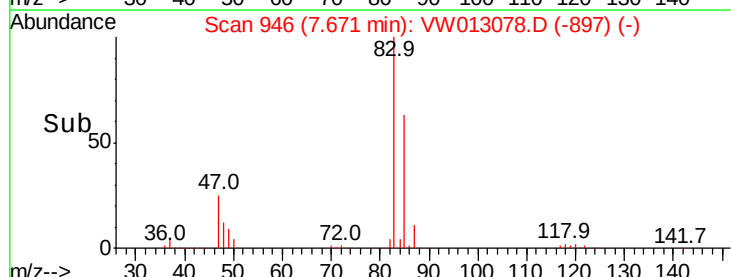
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.8	79.2

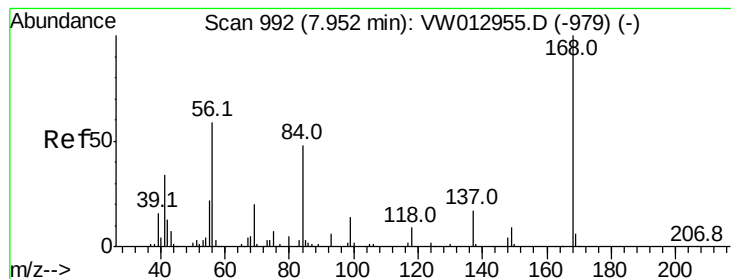


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 56.073 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

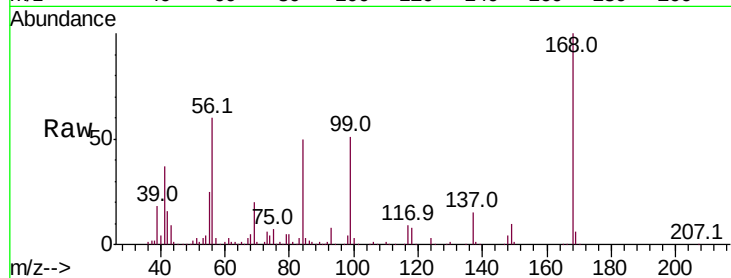
Tot Ion: 56 Resp: 217958

Ion Ratio Lower Upper

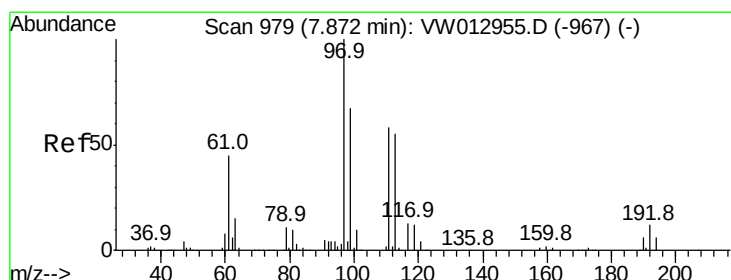
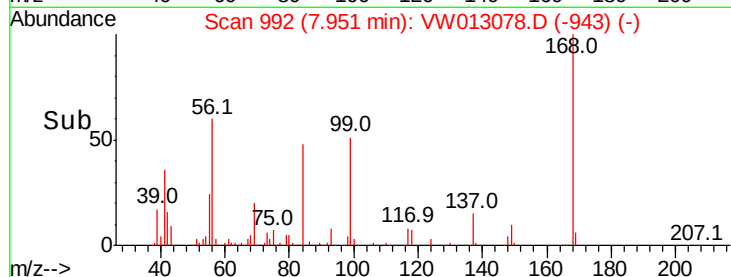
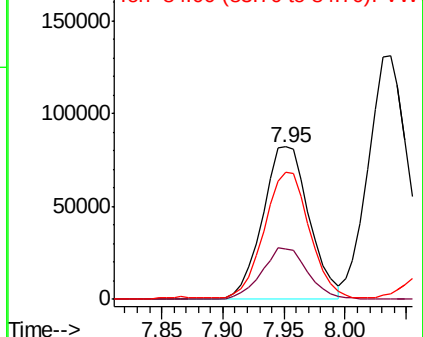
56 100

69 33.0 27.0 40.6

84 82.3 66.2 99.2



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: 49.488 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

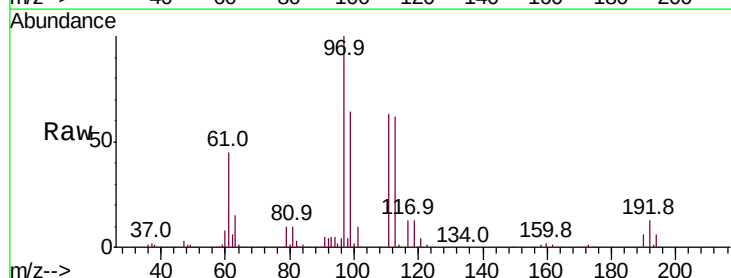
Tgt Ion: 97 Resp: 216415

Ion Ratio Lower Upper

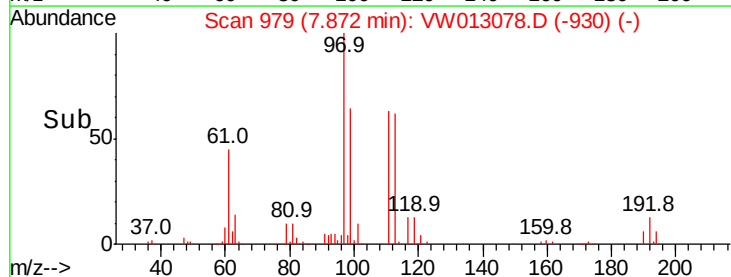
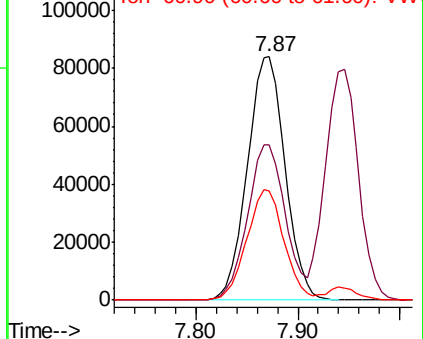
97 100

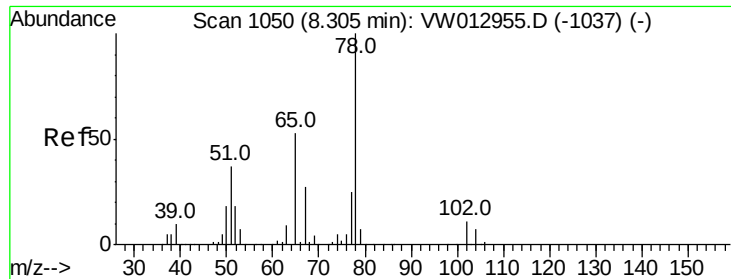
99 64.5 53.0 79.4

61 44.8 36.5 54.7



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

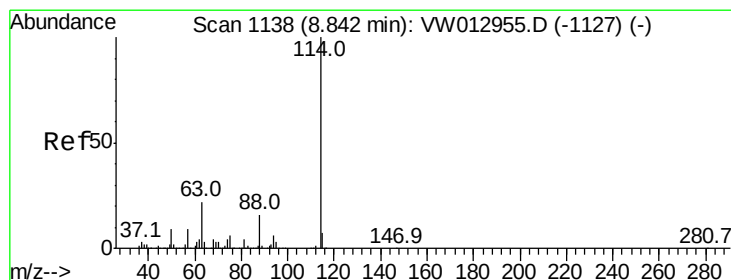
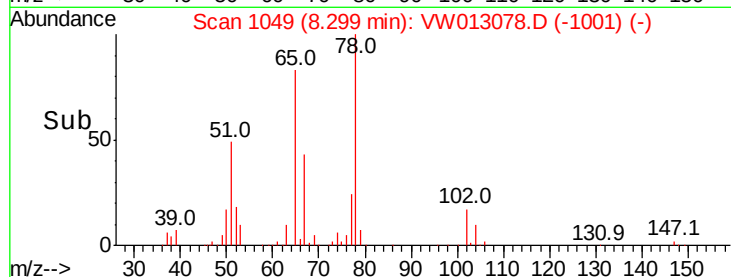
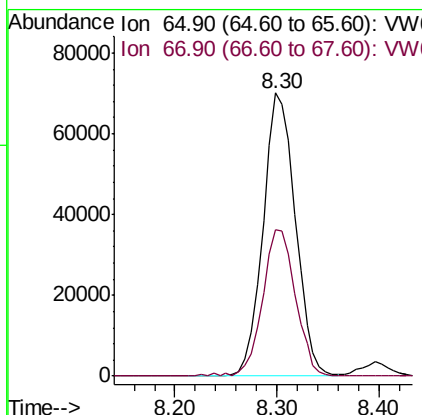
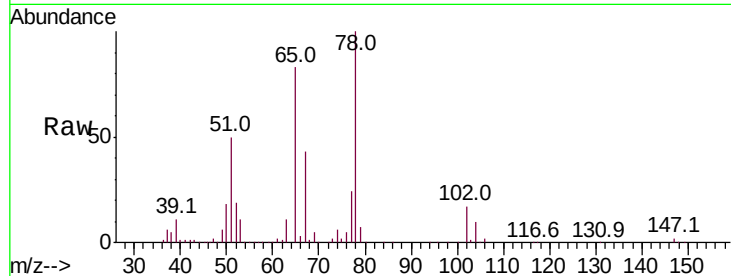




#33
 1,2-Dichloroethane-d4
 Concen: 49.916 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

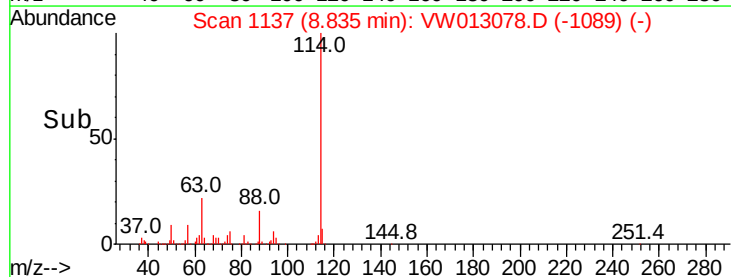
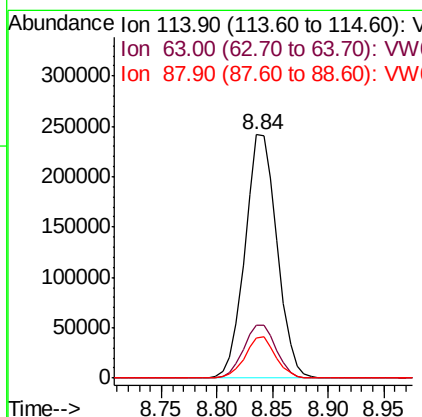
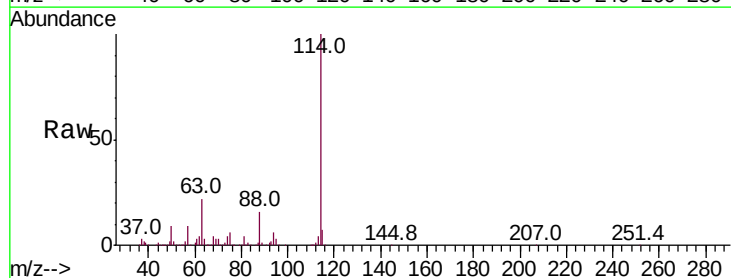
Instrument :
 MSVOA_W
 ClientSampleId :

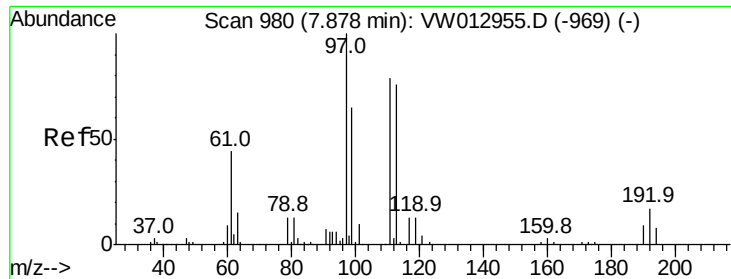
Tot Ion: 65 Resp: 153503
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion: 114 Resp: 483975
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.4
 88 16.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.498 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampleId :

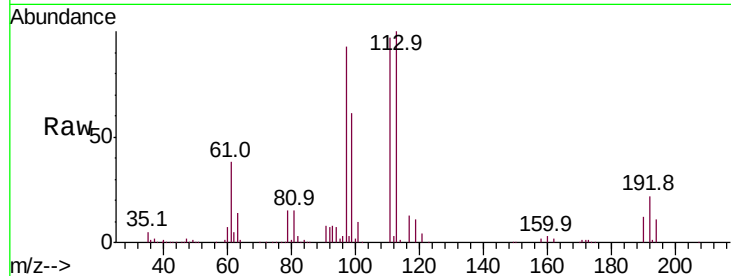
Tot Ion:113 Resp: 140491

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

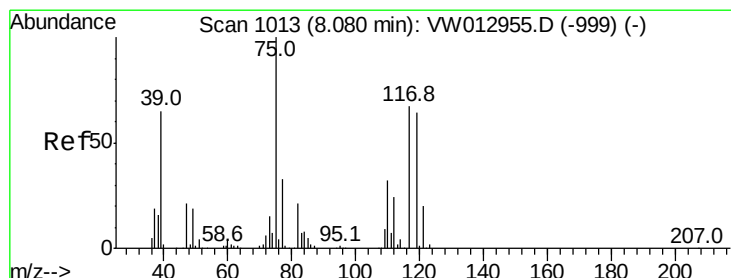
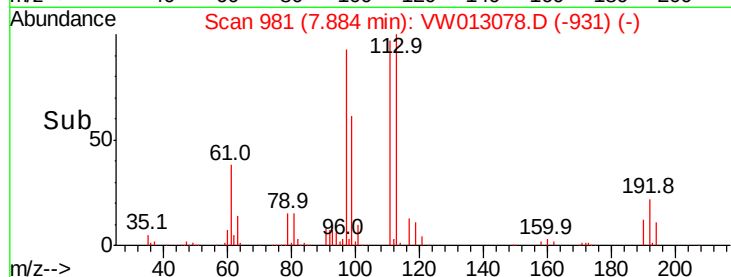
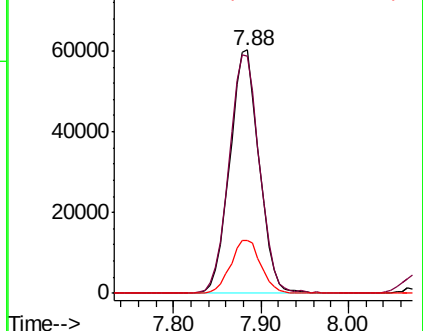
192 22.5 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.896 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

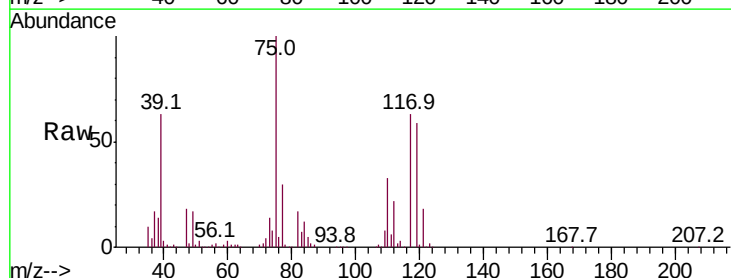
Tgt Ion: 75 Resp: 196833

Ion Ratio Lower Upper

75 100

110 33.7 16.4 49.1

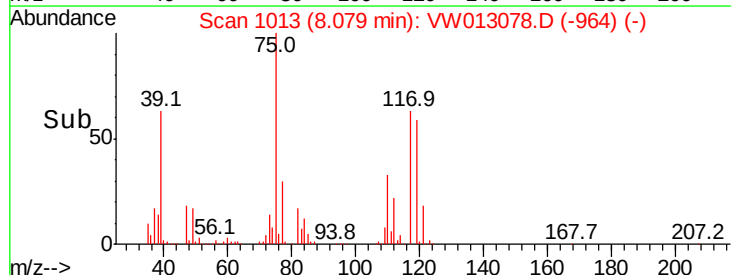
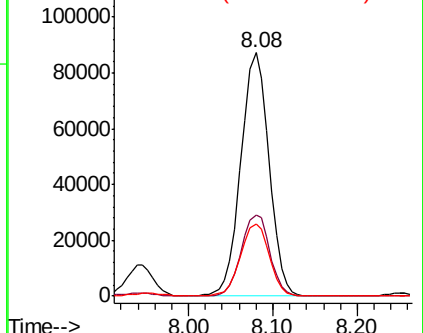
77 30.4 25.1 37.7

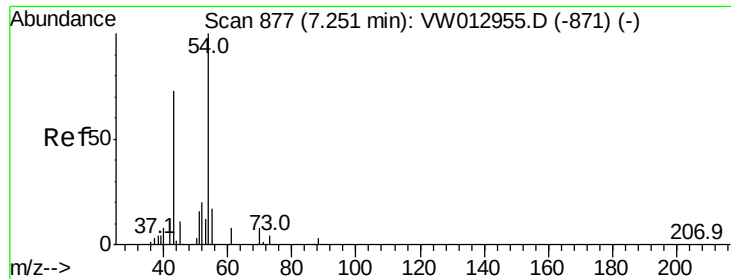


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

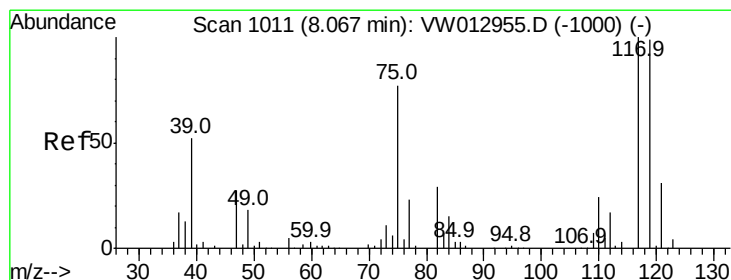
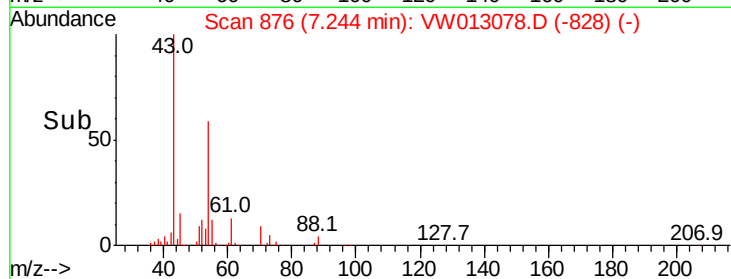
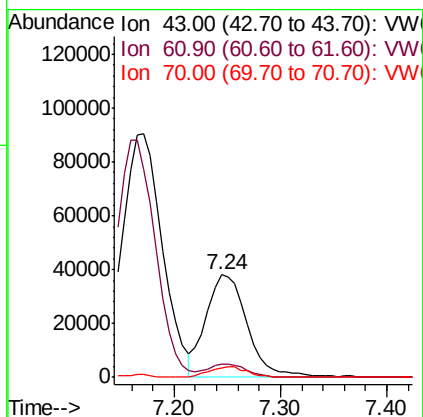
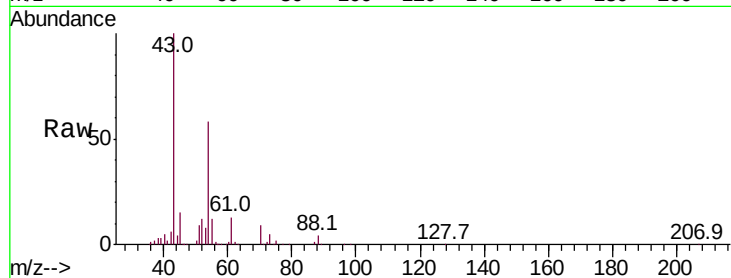




#37
Ethyl Acetate
Concen: 48.853 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

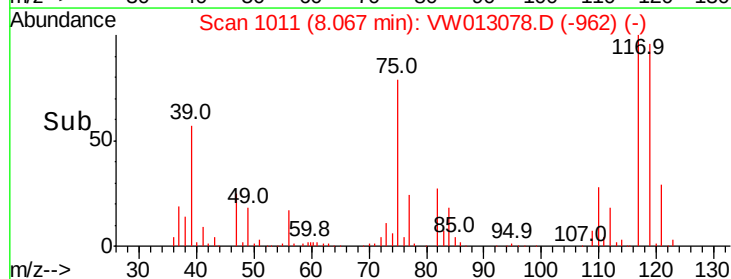
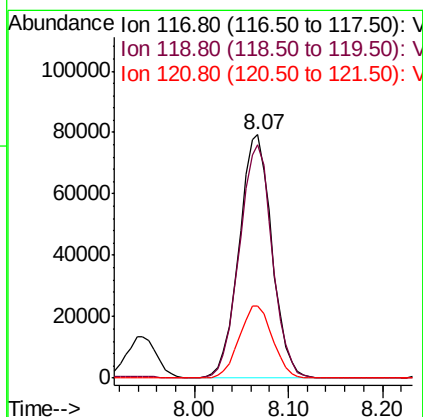
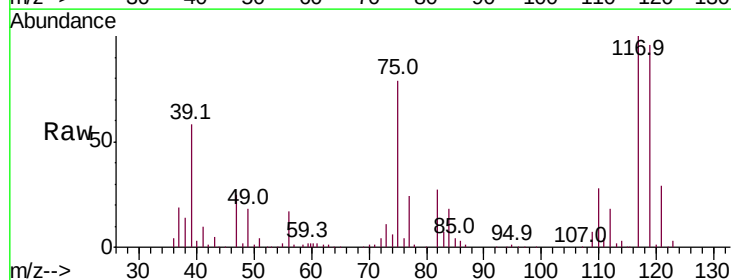
Instrument :
MSVOA_W
ClientSampled :

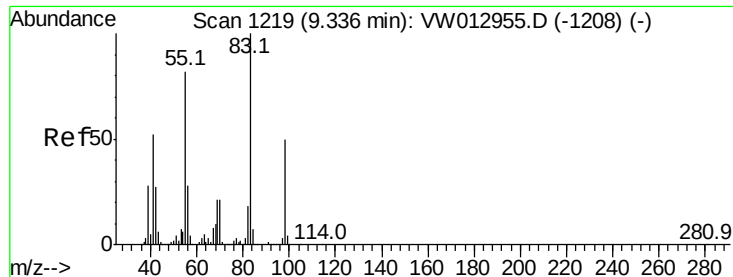
Tot Ion: 43 Resp: 100284
Ion Ratio Lower Upper
43 100
61 12.3 9.6 14.4
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 48.772 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 117 Resp: 193294
Ion Ratio Lower Upper
117 100
119 95.8 79.4 119.0
121 29.4 24.6 36.8

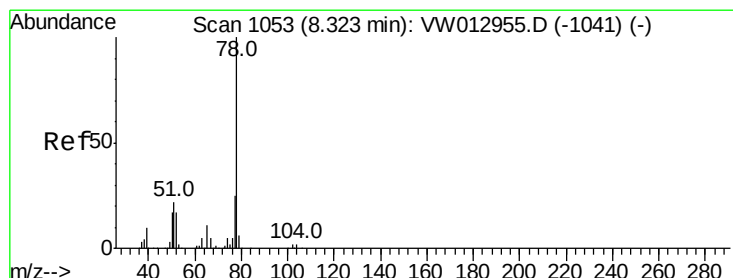
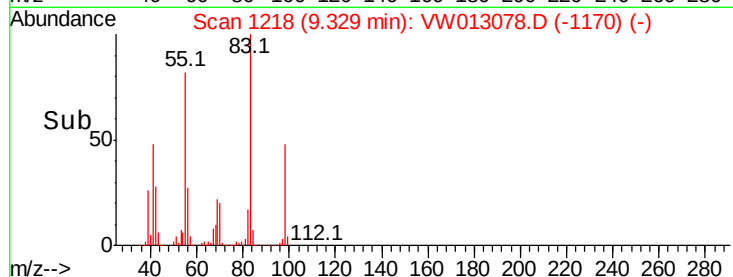
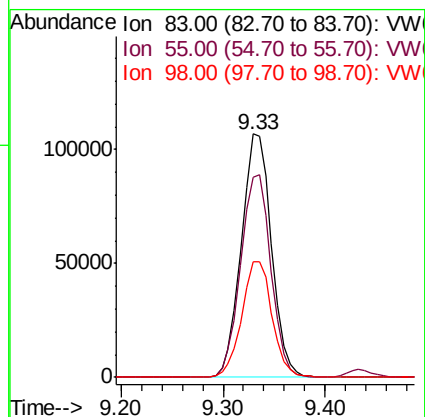
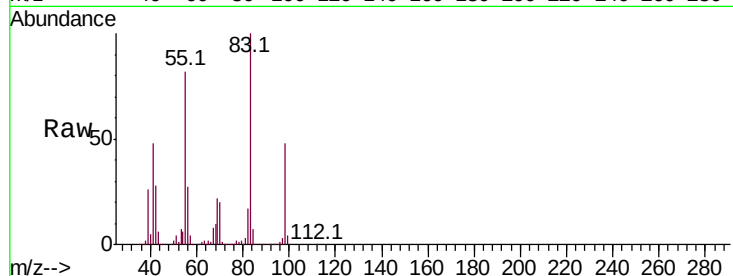




#39
Methylvlcyclohexane
Concen: 51.833 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

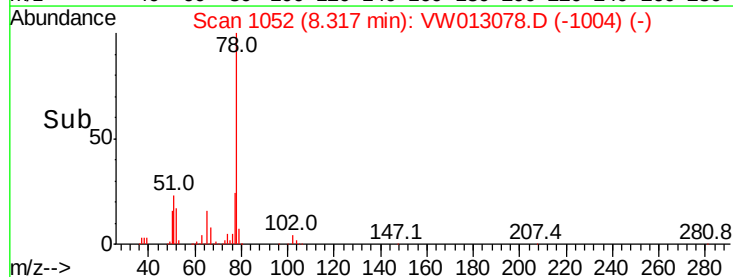
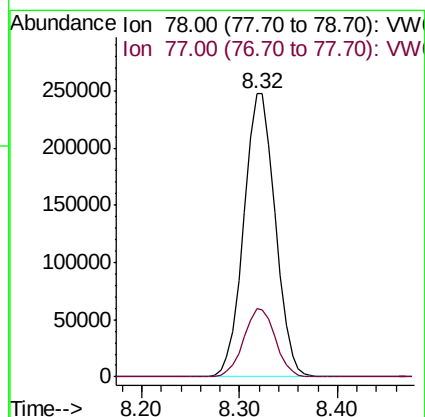
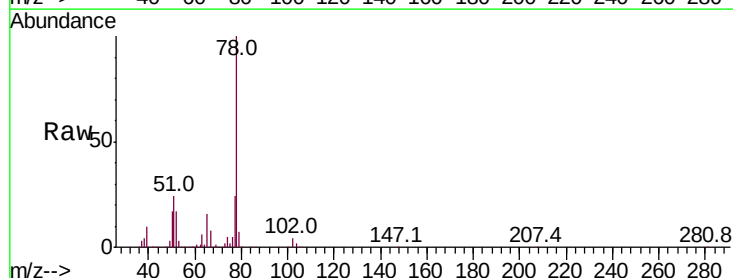
Instrument :
MSVOA_W
ClientSampleId :

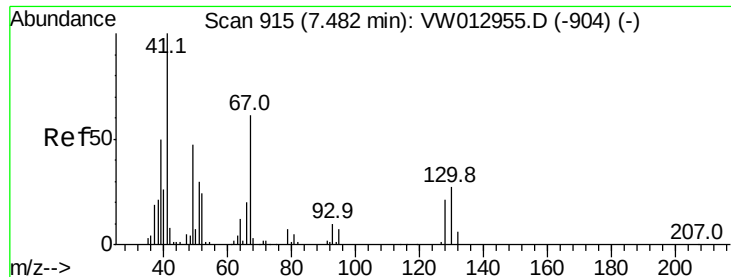
Tot Ion: 83 Resp: 219660
Ion Ratio Lower Upper
83 100
55 82.0 65.9 98.9
98 47.7 39.6 59.4



#40
Benzene
Concen: 51.190 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 78 Resp: 552667
Ion Ratio Lower Upper
78 100
77 24.0 19.6 29.4





#41

Methacrylonitrile

Concen: 48.235 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 41 Resp: 65205

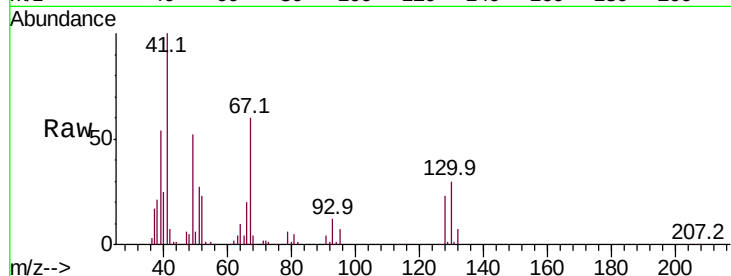
Ion Ratio Lower Upper

41 100

39 61.1 48.2 72.4

67 61.7 47.5 71.3

52 25.9 21.0 31.4



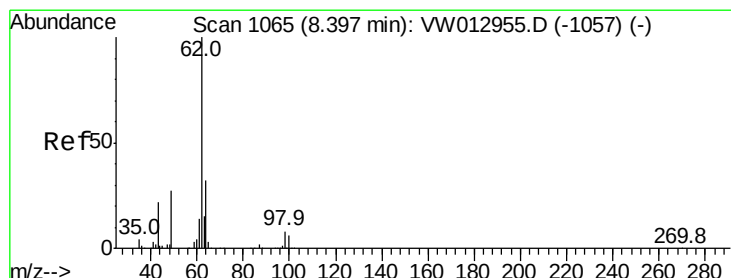
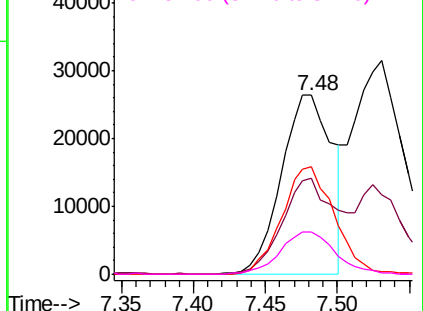
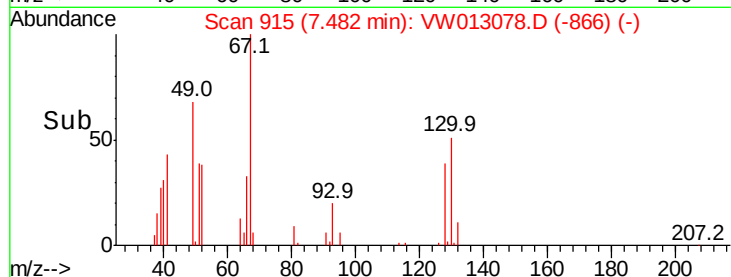
Abundance

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: 47.577 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW013078.D

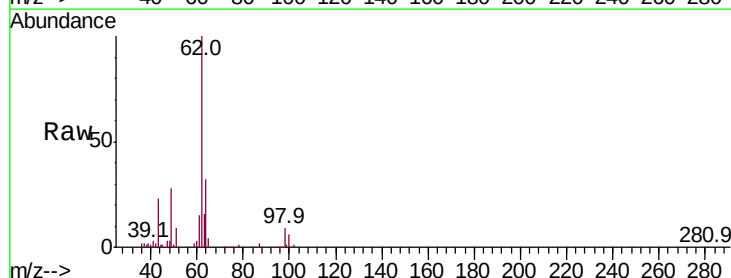
Acq: 17 Sep 2019 09:42

Tgt Ion: 62 Resp: 172191

Ion Ratio Lower Upper

62 100

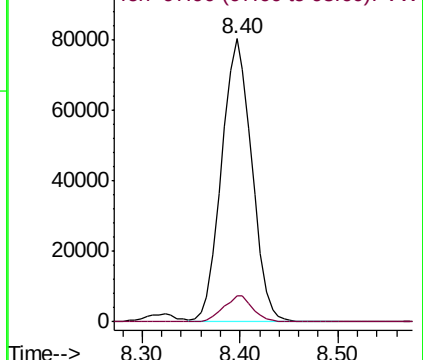
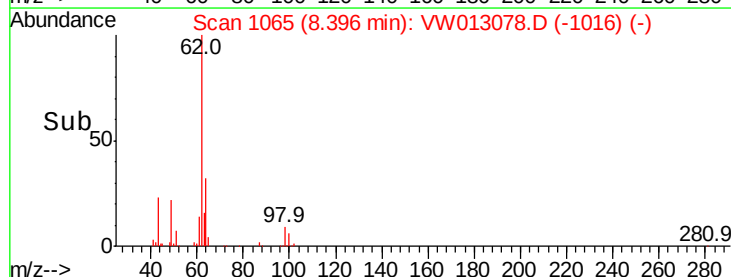
98 9.1 0.0 16.8

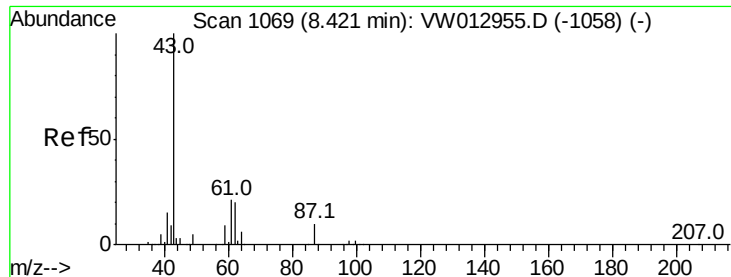


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 51.114 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

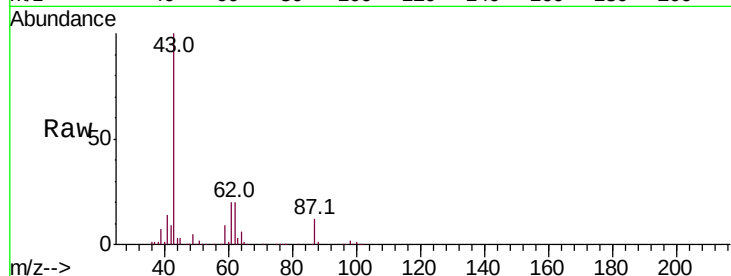
Tot Ion: 43 Resp: 201458

Ion Ratio Lower Upper

43 100

61 27.0 22.7 34.1

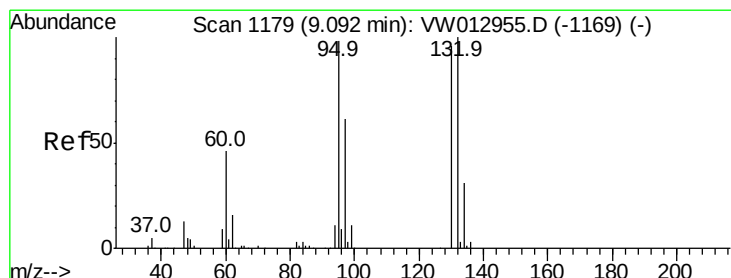
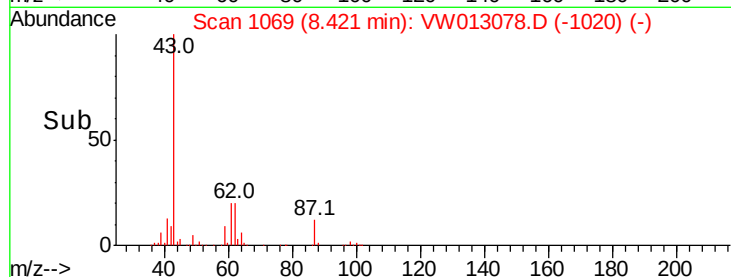
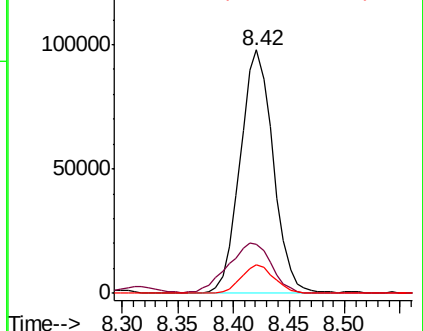
87 11.6 9.4 14.2



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: 51.226 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013078.D

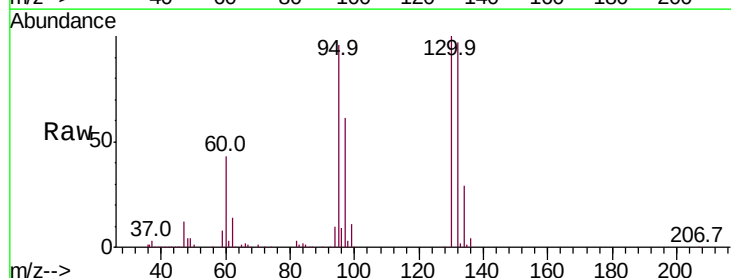
Acq: 17 Sep 2019 09:42

Tgt Ion: 130 Resp: 151488

Ion Ratio Lower Upper

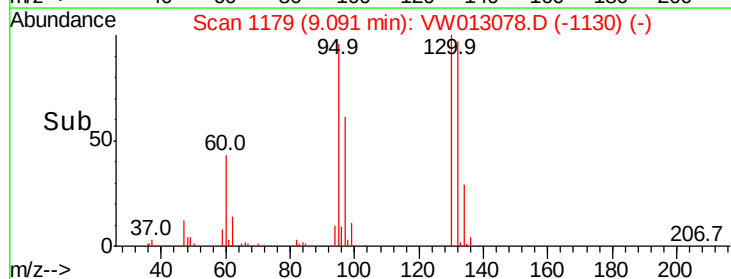
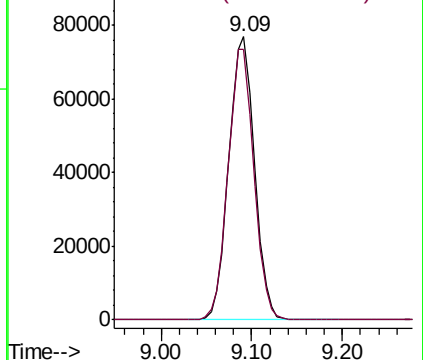
130 100

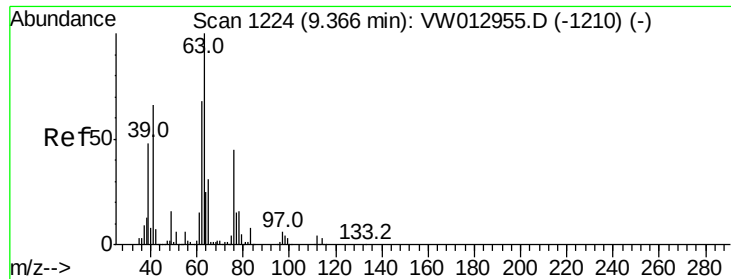
95 95.6 0.0 204.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

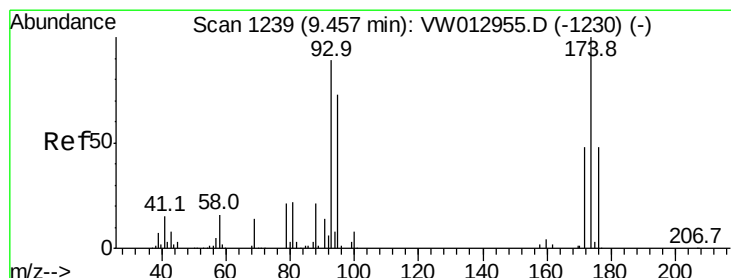
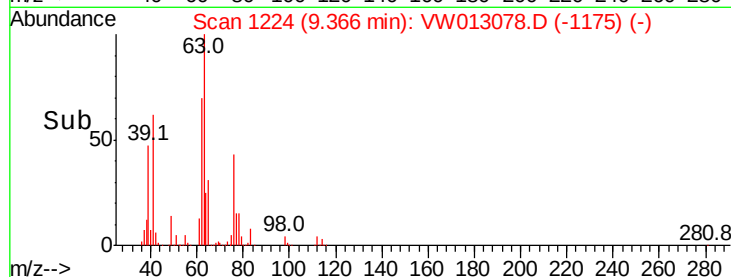
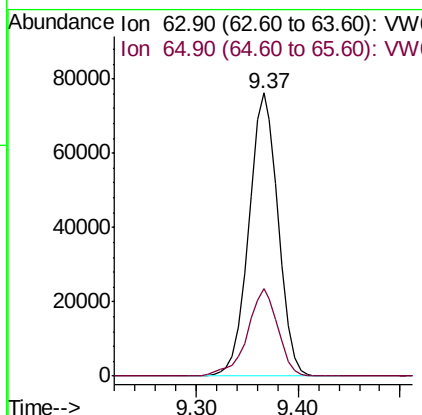
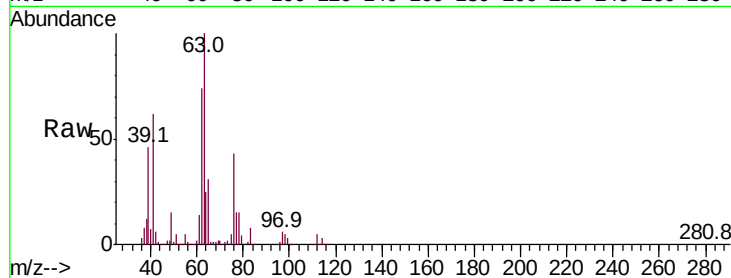




#45
 1,2-Dichloropropane
 Concen: 53.143 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

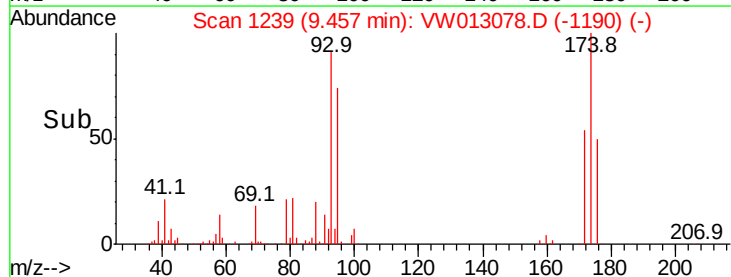
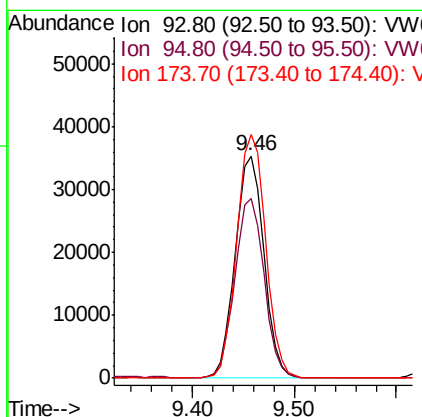
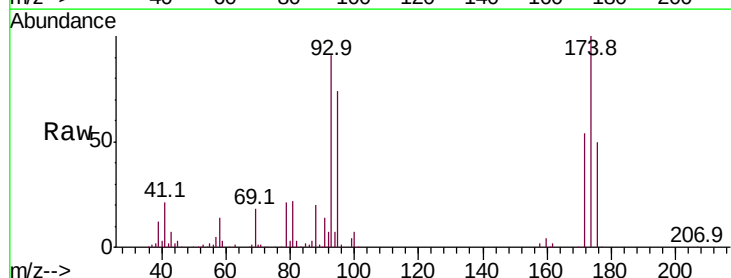
Instrument :
 MSVOA_W
 ClientSampleId :

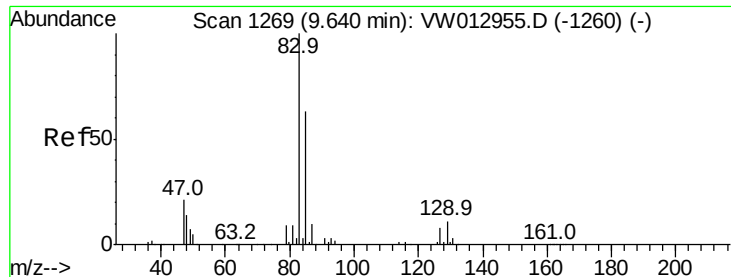
Tot Ion: 63 Resp: 152438
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.6 37.0



#46
 Dibromomethane
 Concen: 50.306 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion: 93 Resp: 69134
 Ion Ratio Lower Upper
 93 100
 95 82.2 67.0 100.4
 174 110.2 90.5 135.7





#47

Bromodichloromethane

Concen: 51.799 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

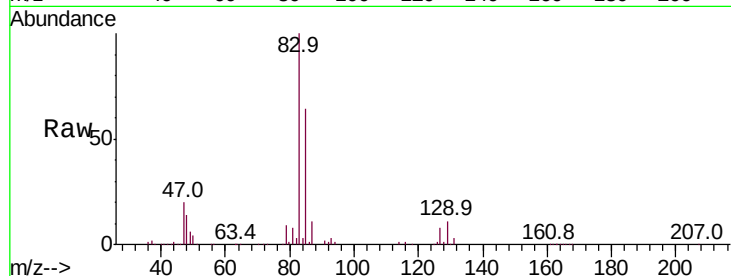
Tot Ion: 83 Resp: 199675

Ion Ratio Lower Upper

83 100

85 63.9 50.6 75.8

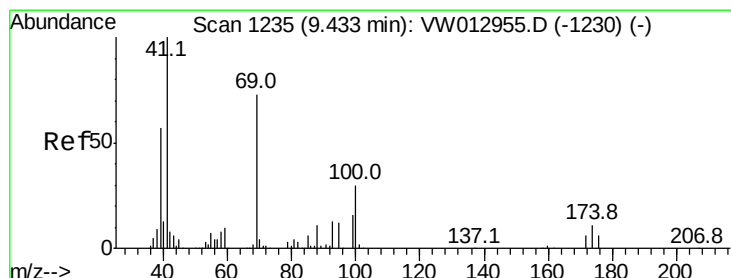
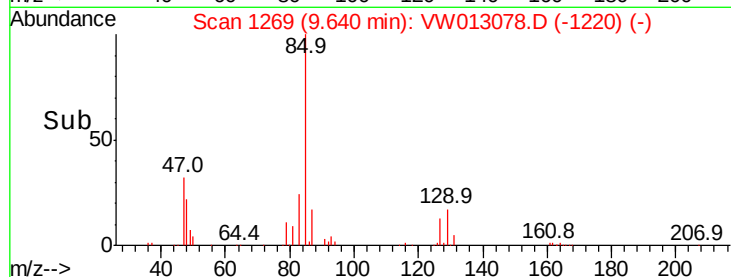
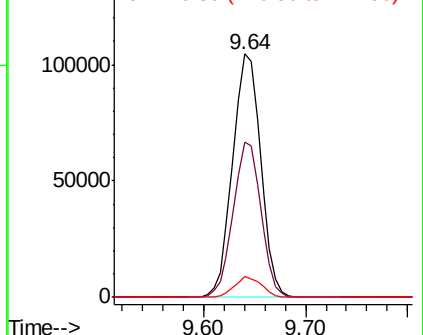
127 8.4 6.7 10.1



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: 50.412 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

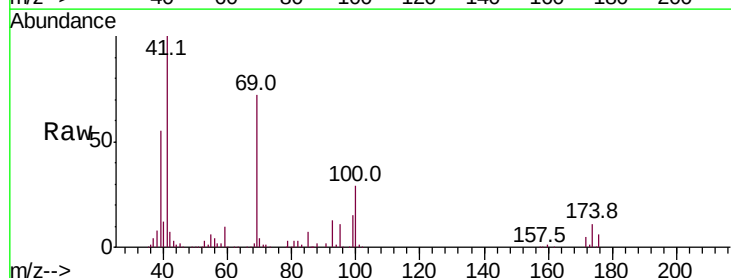
Tgt Ion: 41 Resp: 93250

Ion Ratio Lower Upper

41 100

69 79.1 62.8 94.2

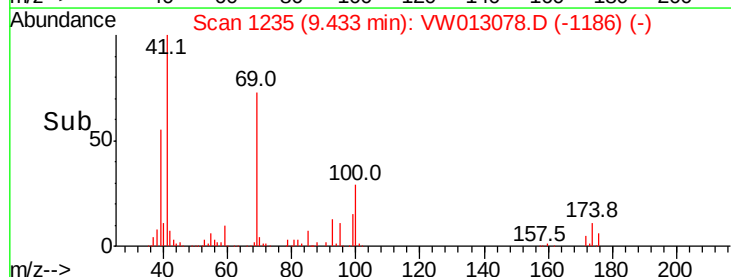
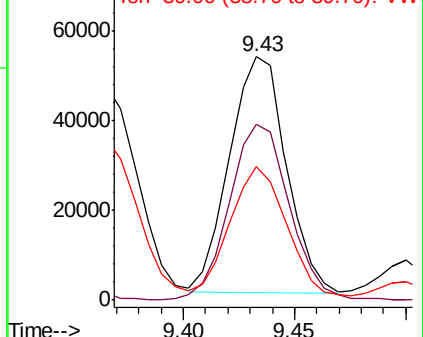
39 58.0 48.5 72.7

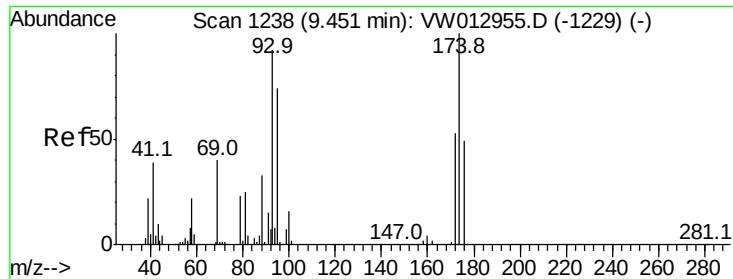


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 913.208 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

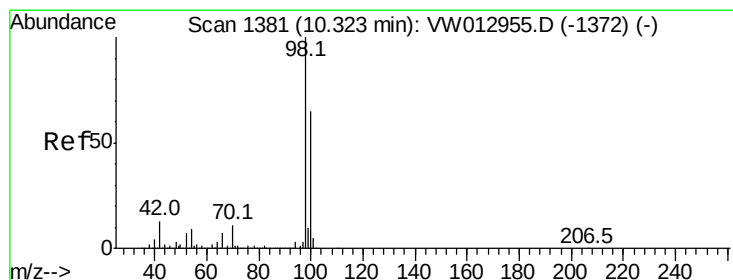
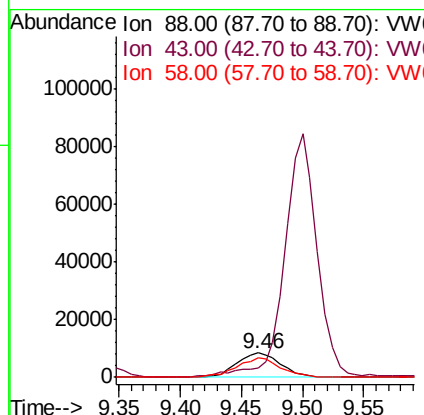
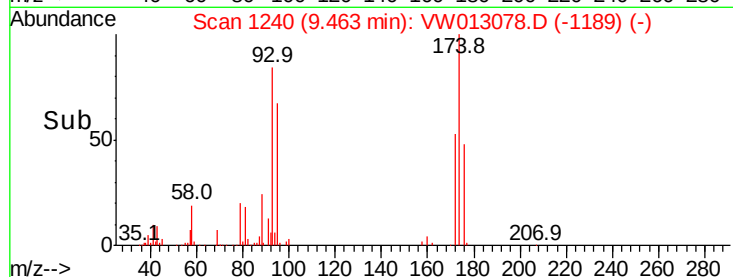
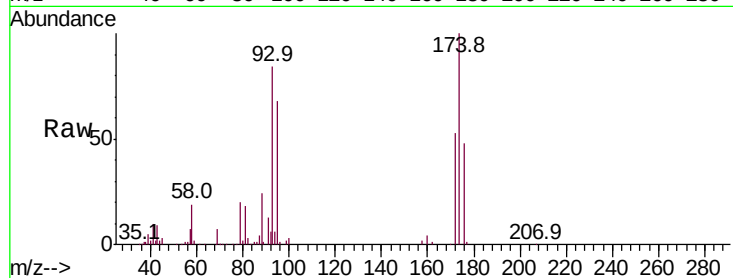
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 88 Resp: 21029

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	80.4	60.2	90.2



#50

Toluene-d8

Concen: 54.600 ug/l

RT: 10.32 min Scan# 1381

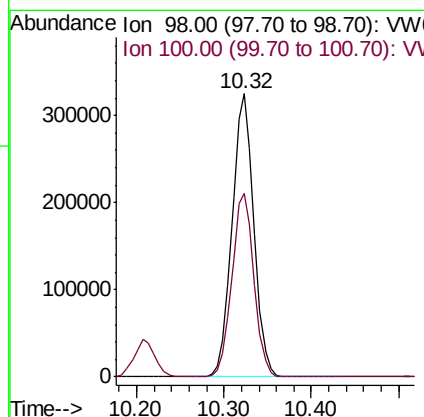
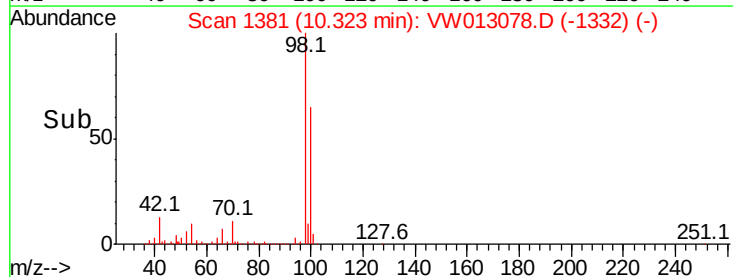
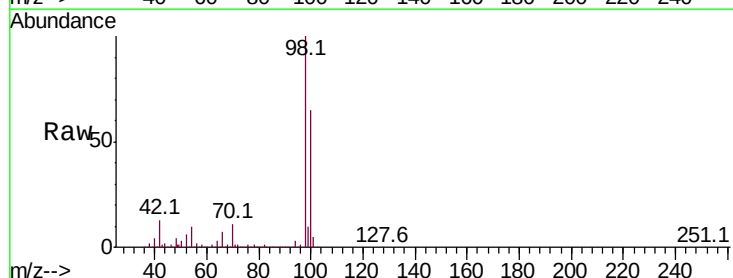
Delta R.T. -0.00 min

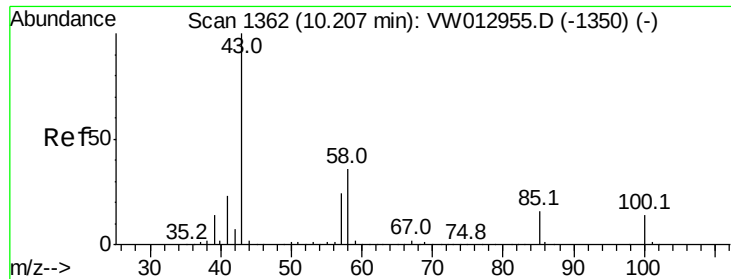
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion: 98 Resp: 561087

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.1	78.1

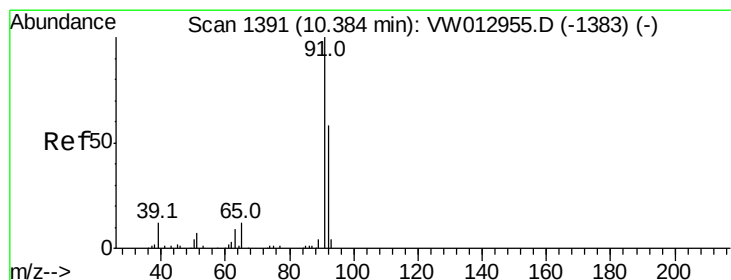
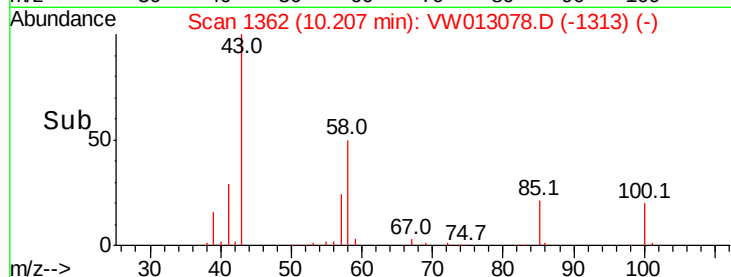
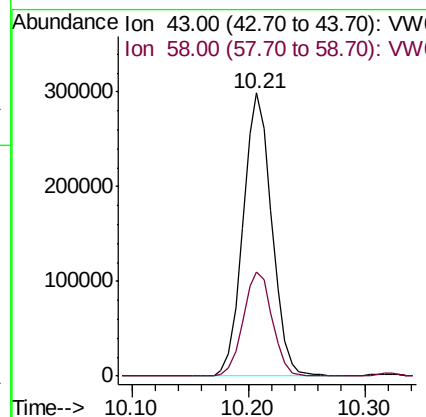
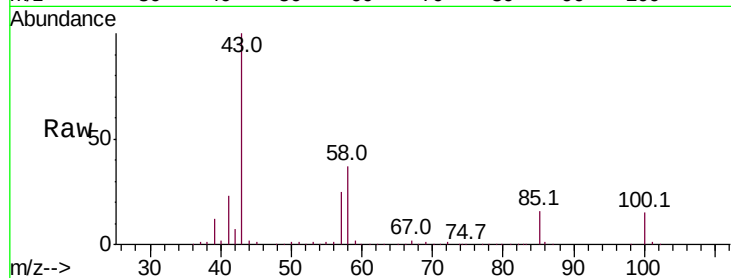




#51
4-Methyl-2-Pentanone
Concen: 252.002 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

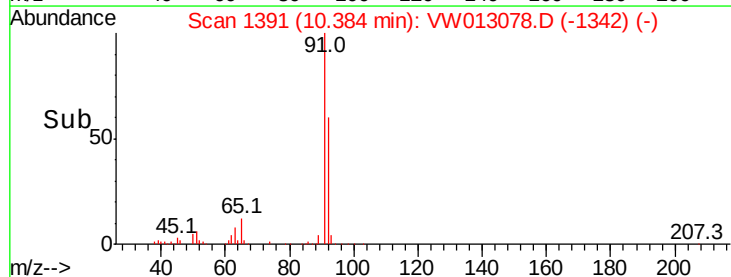
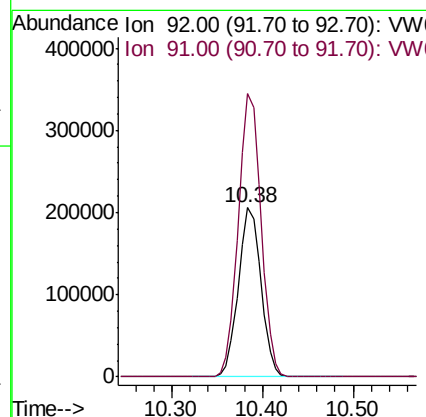
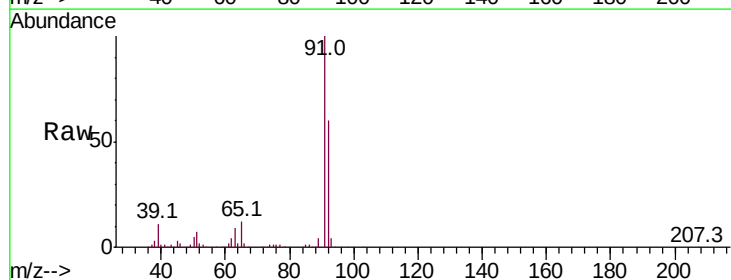
Instrument :
MSVOA_W
ClientSampled :

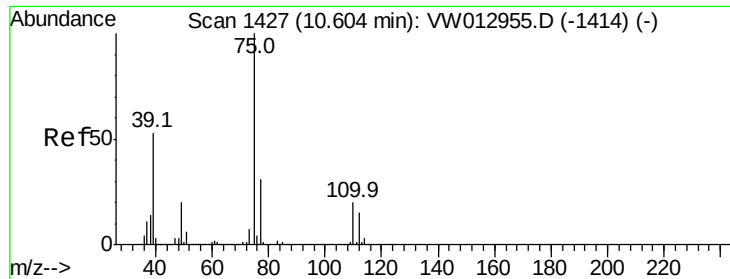
Tot Ion: 43 Resp: 512783
Ion Ratio Lower Upper
43 100
58 37.5 29.5 44.3



#52
Toluene
Concen: 52.158 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 92 Resp: 357832
Ion Ratio Lower Upper
92 100
91 168.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 51.738 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

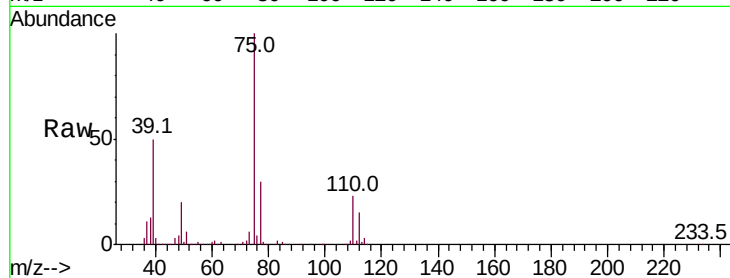
ClientSampleId :

Tot Ion: 75 Resp: 200582

Ion Ratio Lower Upper

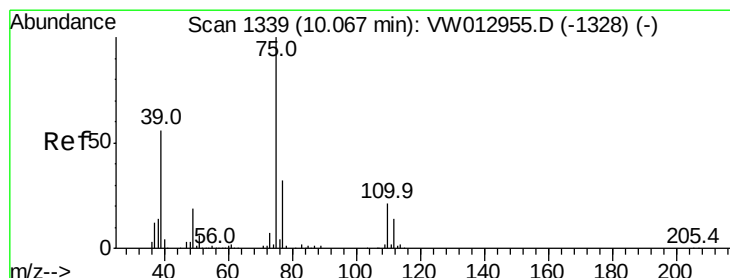
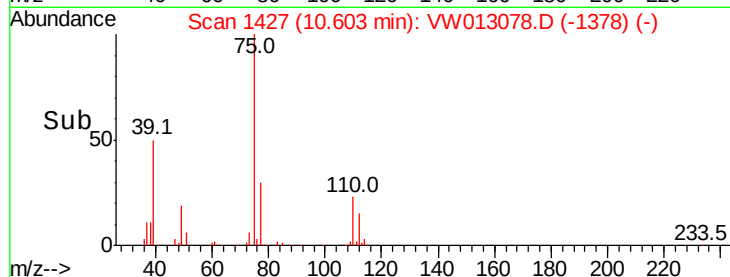
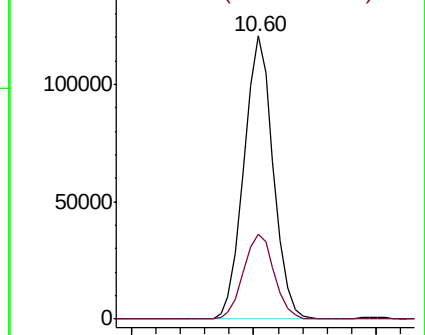
75 100

77 29.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 52.351 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

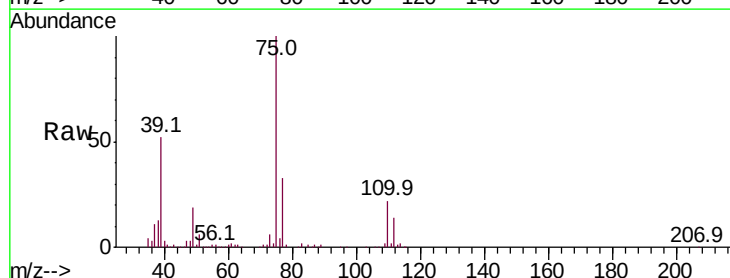
Tgt Ion: 75 Resp: 232222

Ion Ratio Lower Upper

75 100

77 32.5 25.5 38.3

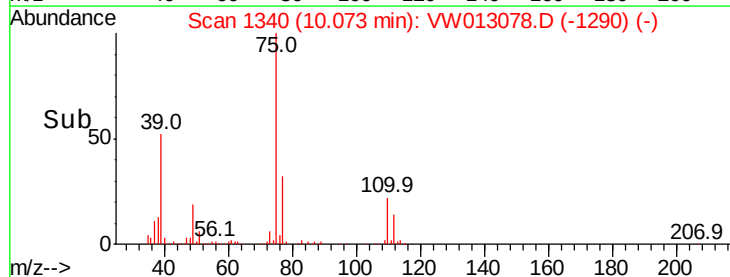
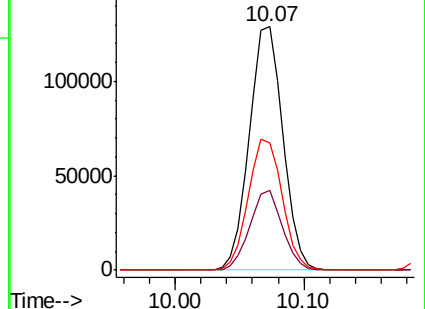
39 52.0 45.0 67.6

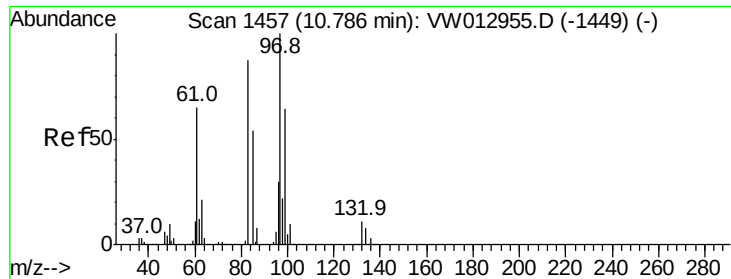


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

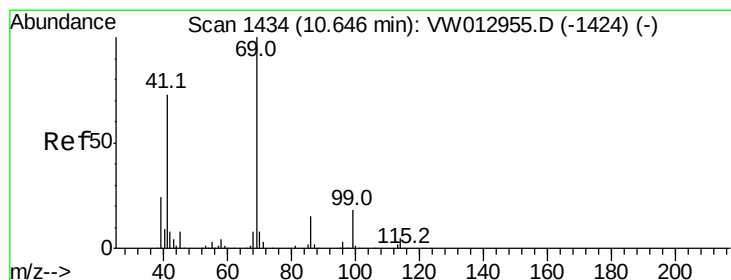
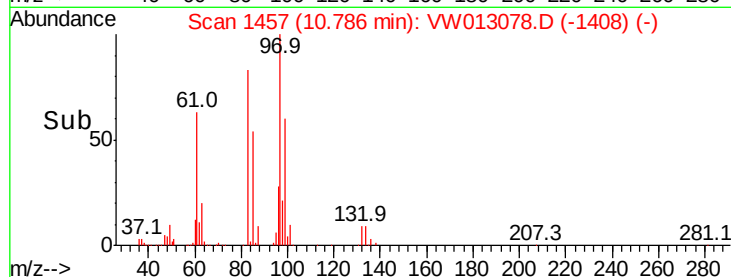
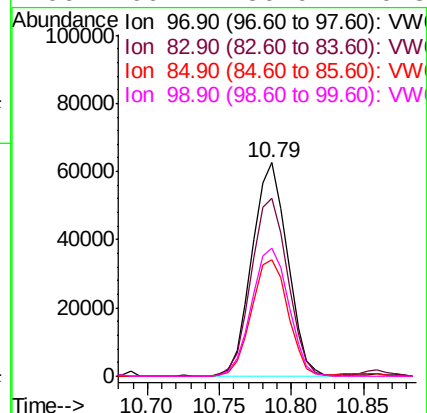
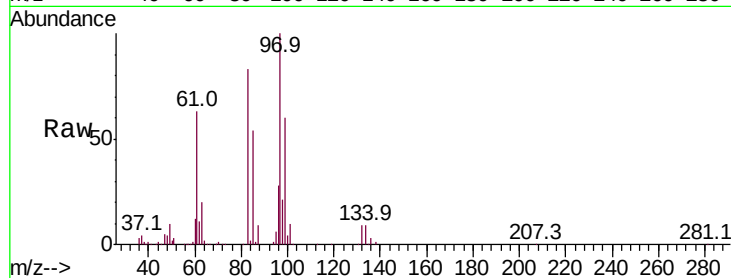




#55
 1,1,2-Trichloroethane
 Concen: 50.963 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

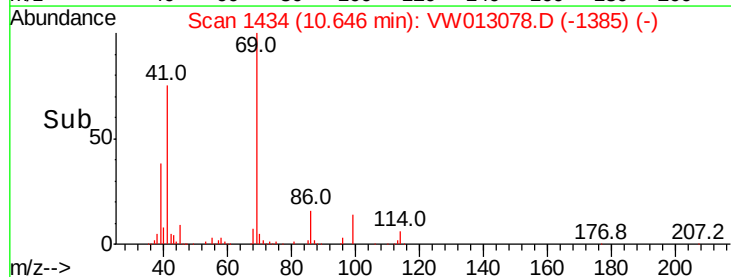
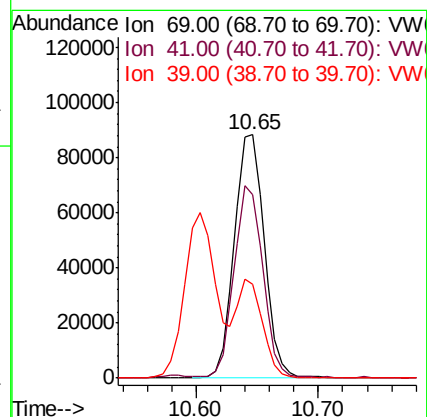
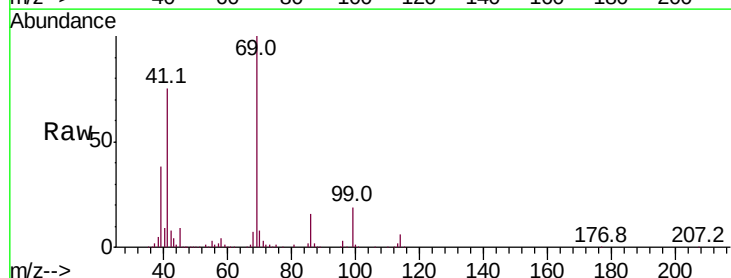
Instrument :
 MSVOA_W
 ClientSampleId :

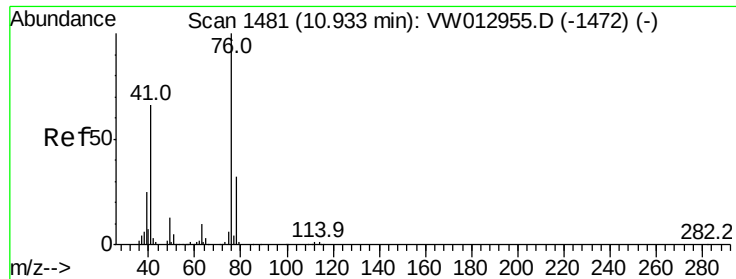
Tot Ion:	97	Resp:	106694
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.4	104.0
85	54.5	43.3	64.9
99	60.1	50.9	76.3



#56
 Ethyl methacrylate
 Concen: 53.061 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion:	69	Resp:	149524
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.8	91.2
39	34.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 51.788 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

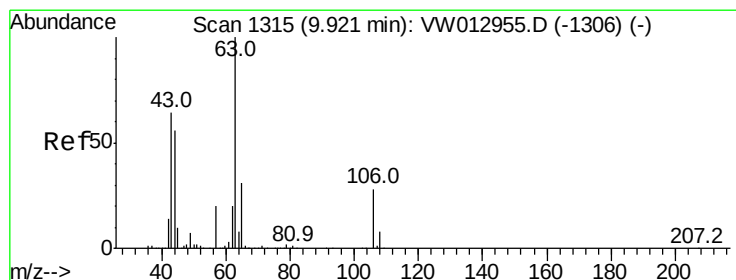
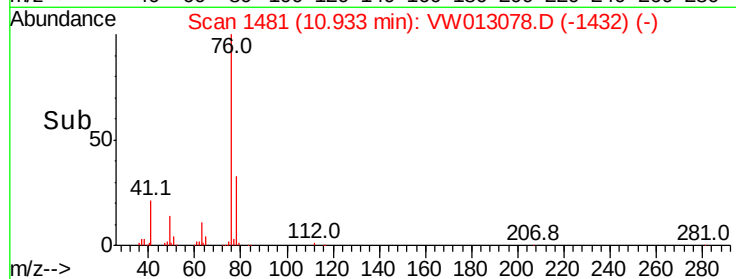
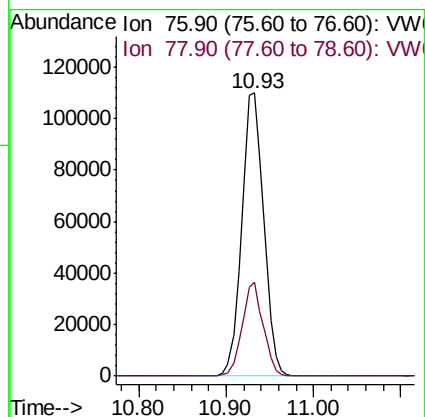
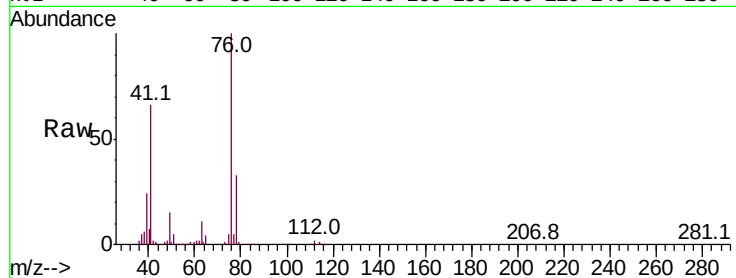
ClientSampled :

Tot Ion: 76 Resp: 192330

Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 251.799 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW013078.D

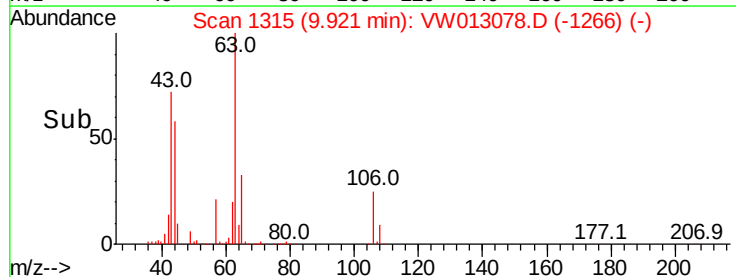
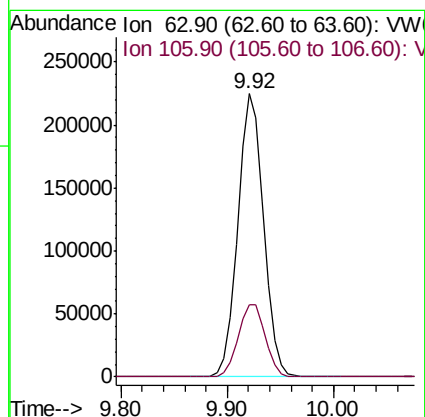
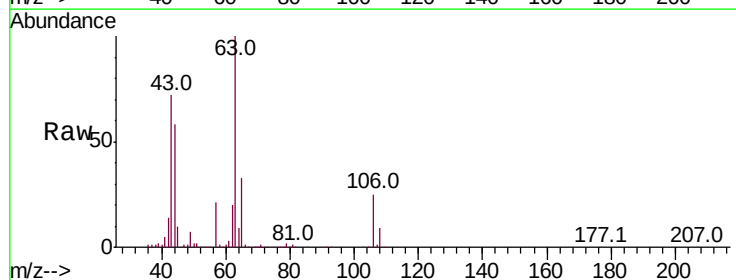
Acq: 17 Sep 2019 09:42

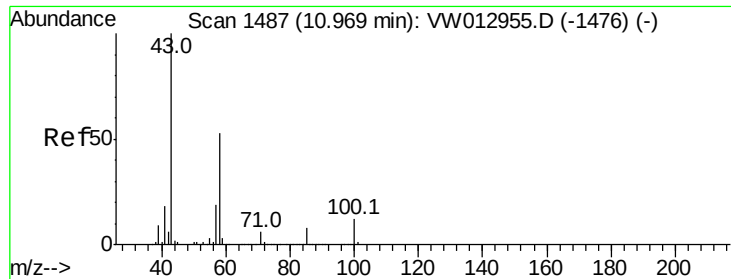
Tgt Ion: 63 Resp: 380632

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.2

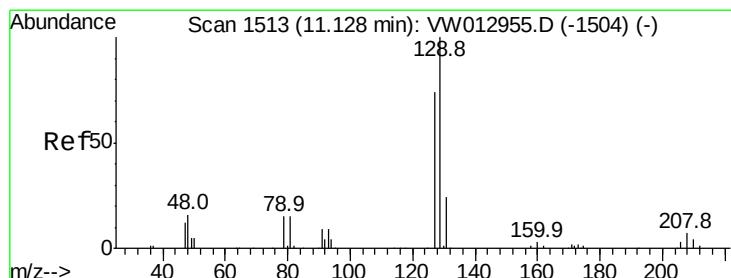
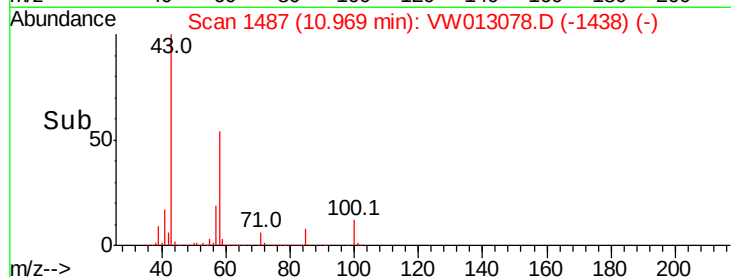
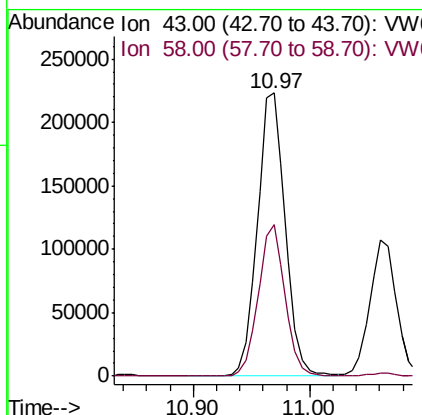
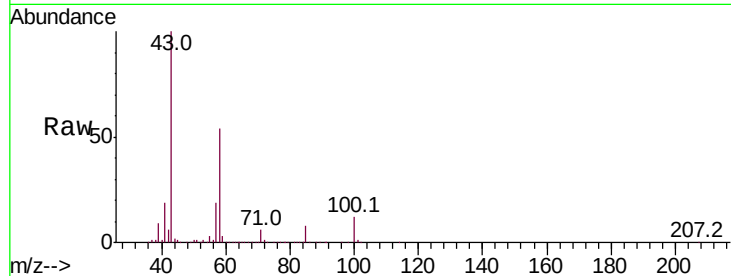




#59
2-Hexanone
Concen: 262.492 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

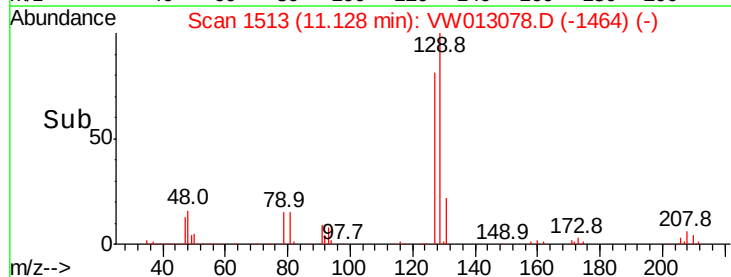
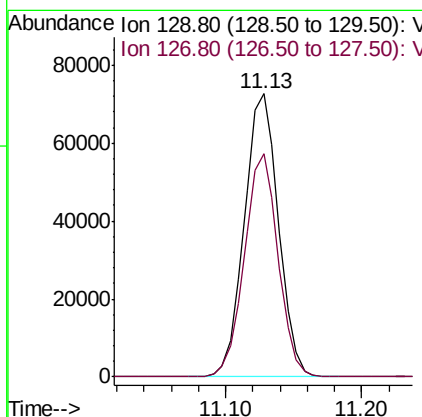
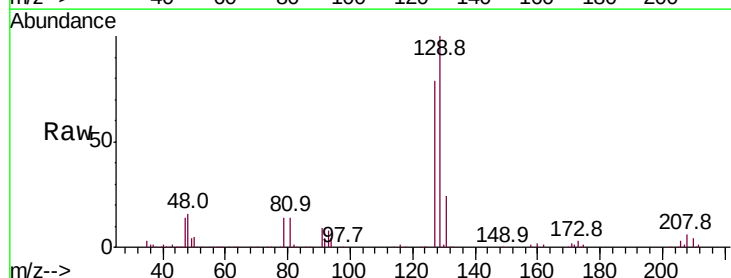
Instrument :
MSVOA_W
ClientSampleId :

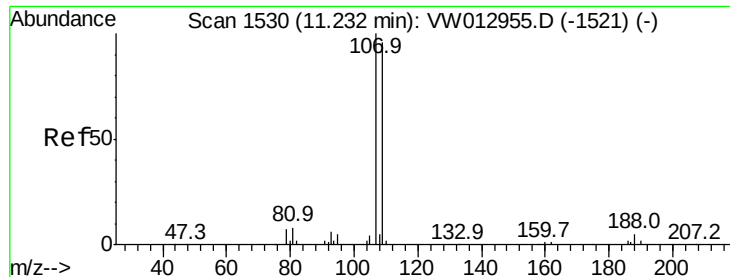
Tot Ion: 43 Resp: 371919
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.3



#60
Dibromochloromethane
Concen: 50.398 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 129 Resp: 127561
Ion Ratio Lower Upper
129 100
127 78.0 37.4 112.2

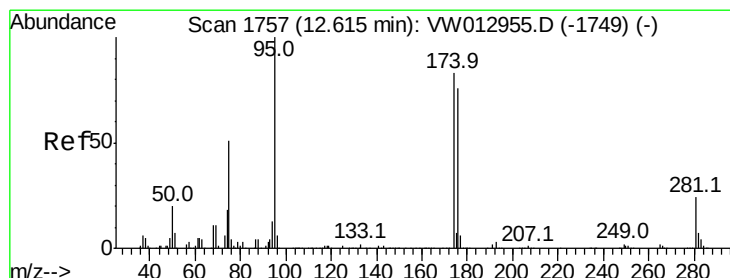
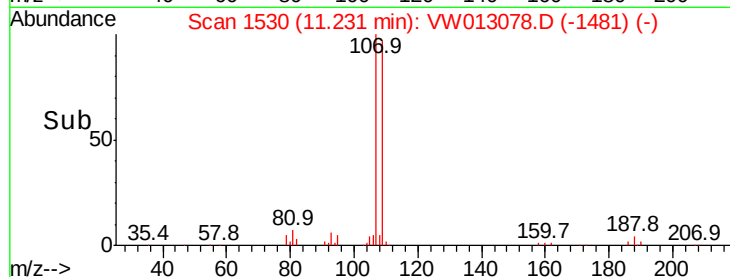
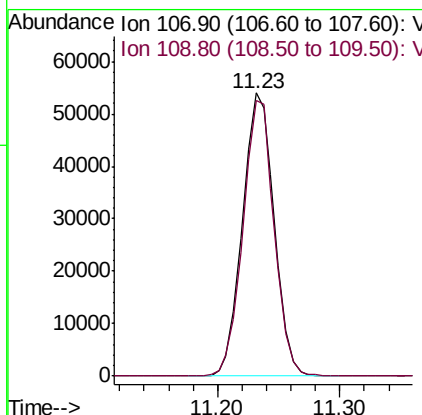
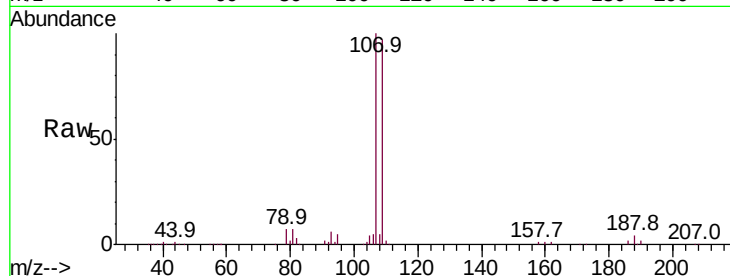




#61
 1,2-Dibromoethane
 Concen: 50.625 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

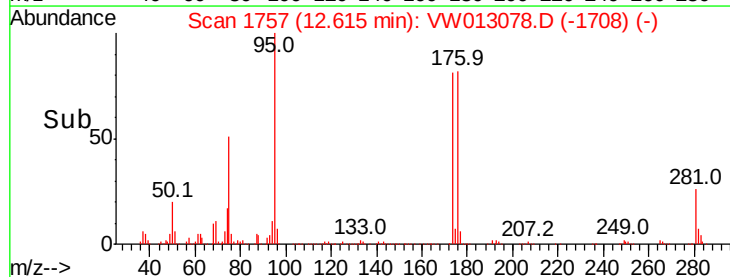
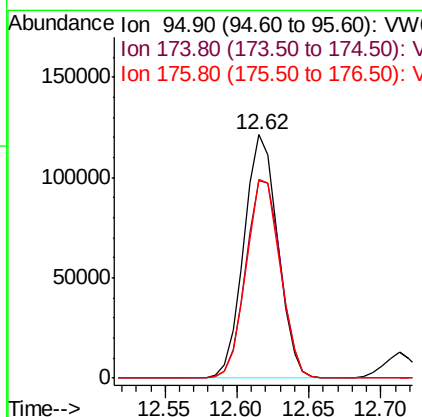
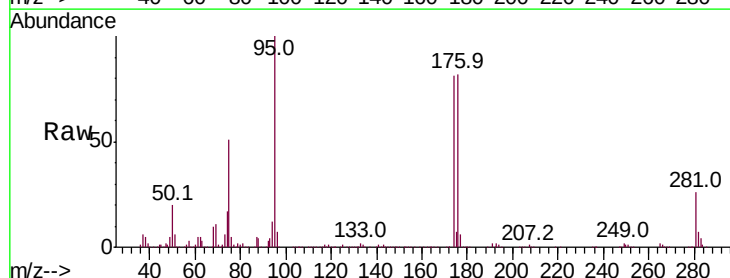
Instrument :
 MSVOA_W
 ClientSampleId :

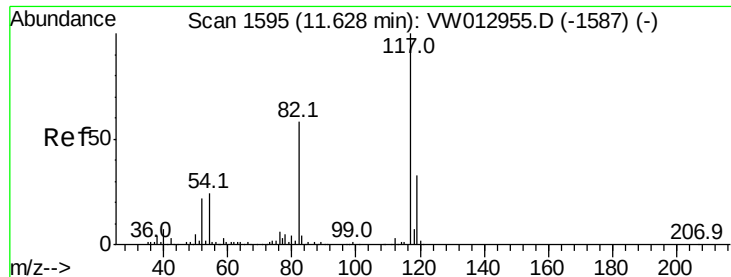
Tot Ion:107 Resp: 96684
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 53.392 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion: 95 Resp: 197290
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 170.4
 176 82.0 0.0 164.6

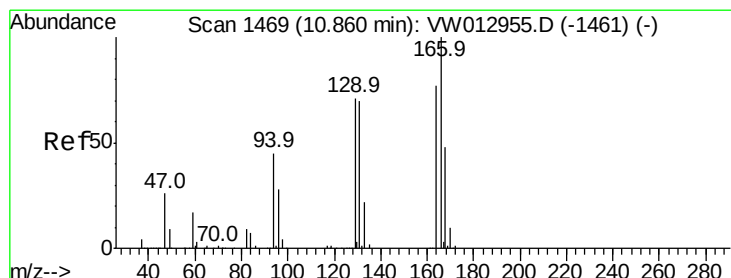
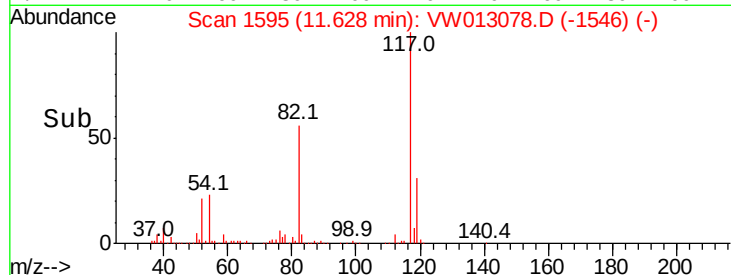
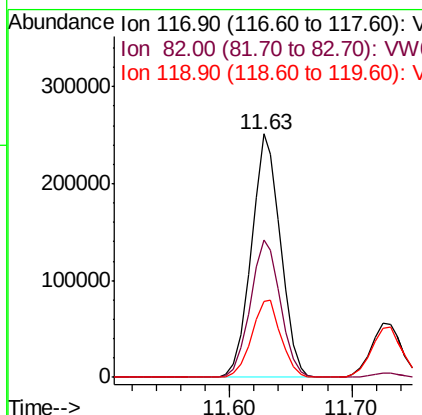
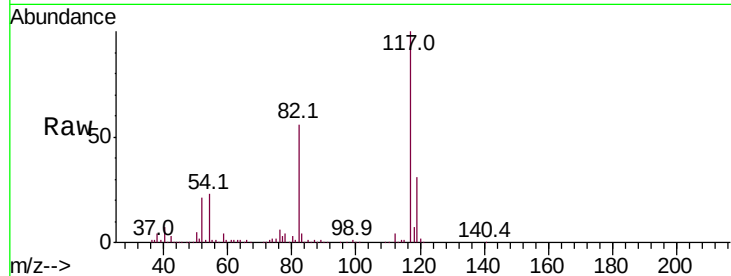




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

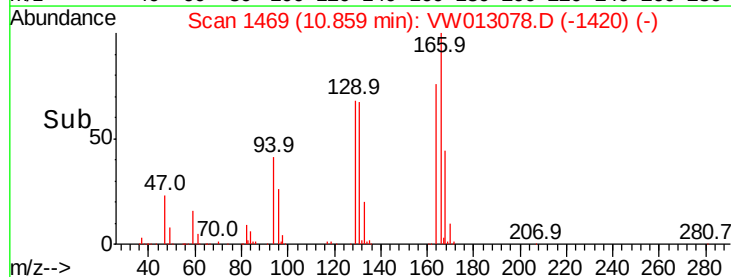
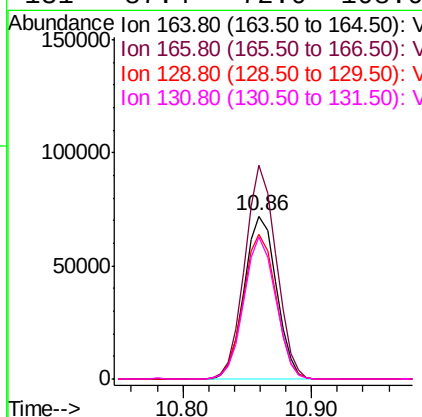
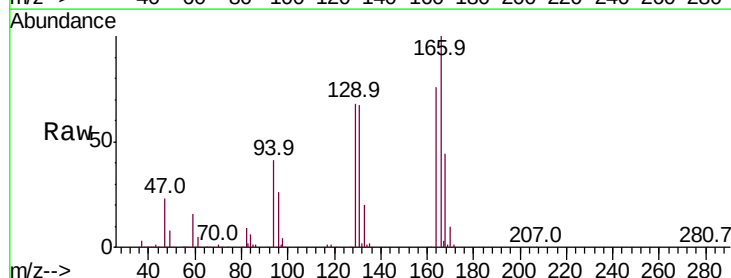
Instrument :
MSVOA_W
ClientSampleId :

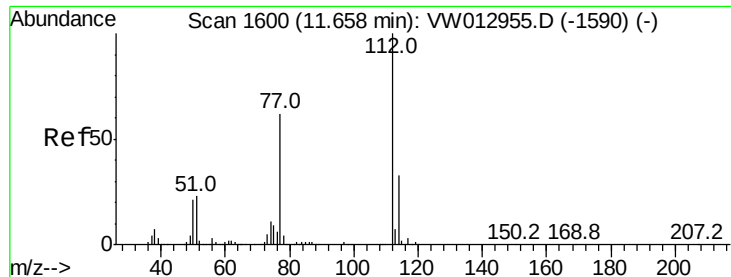
Tot Ion:117 Resp: 415178
Ion Ratio Lower Upper
117 100
82 56.2 46.3 69.5
119 31.2 26.2 39.4



#64
Tetrachloroethene
Concen: 50.535 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion:164 Resp: 124818
Ion Ratio Lower Upper
164 100
166 130.9 103.3 154.9
129 88.4 73.8 110.8
131 87.4 72.0 108.0

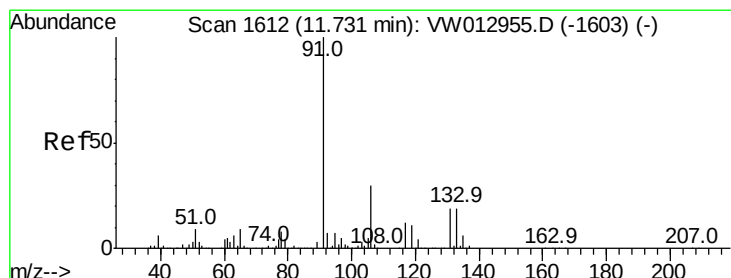
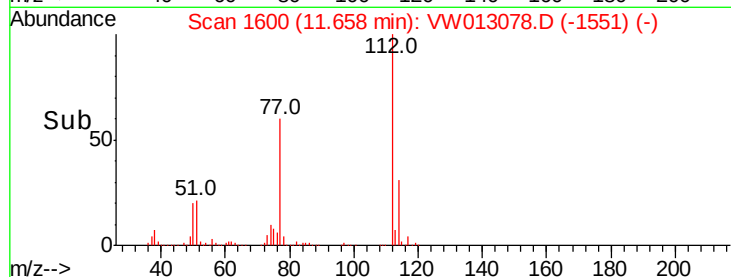
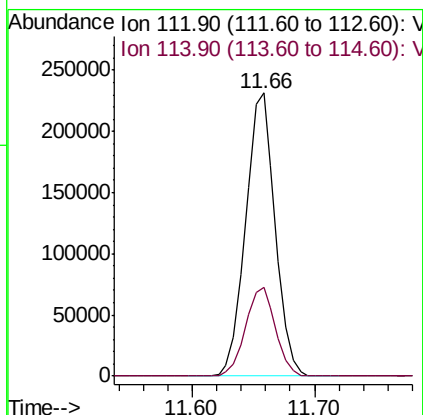
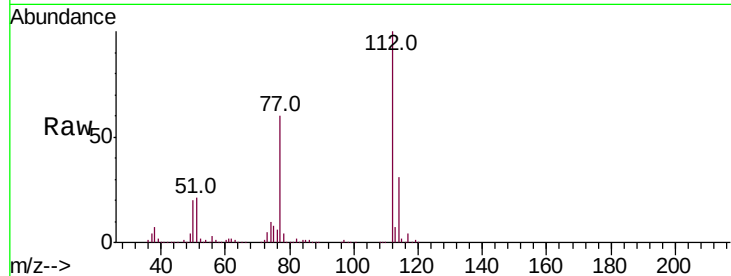




#65
Chlorobenzene
Concen: 52.315 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

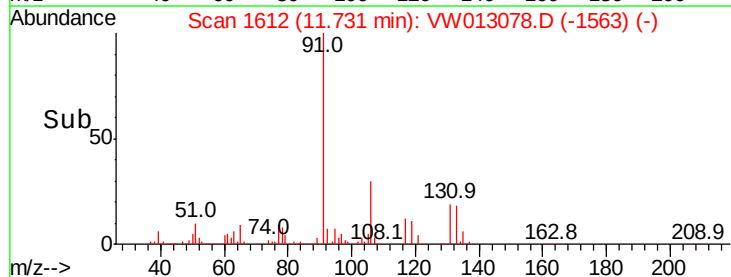
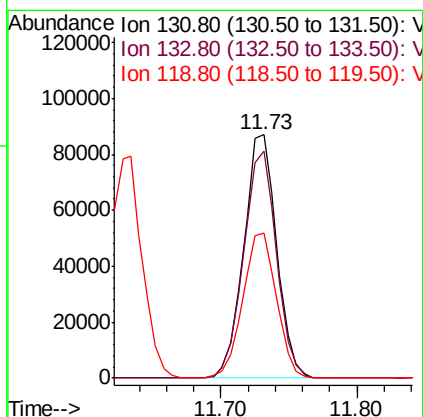
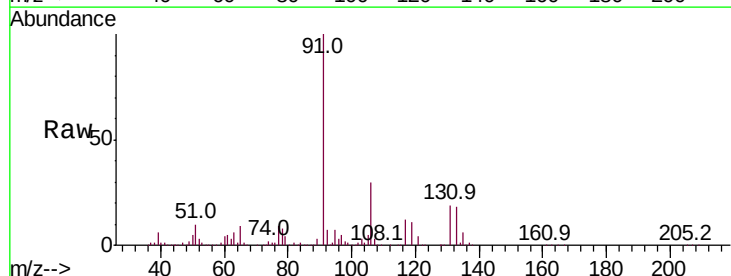
Instrument :
MSVOA_W
ClientSampled :

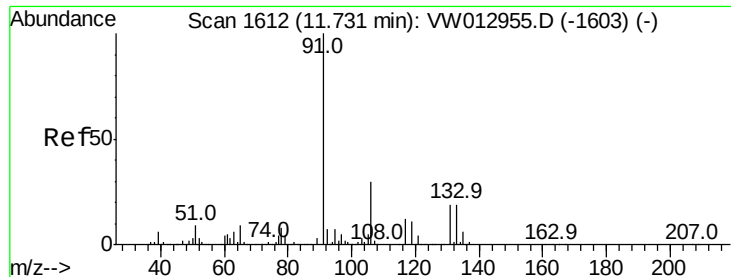
Tot Ion:112 Resp: 386885
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.023 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion:131 Resp: 147433
Ion Ratio Lower Upper
131 100
133 93.2 47.9 143.8
119 61.0 30.9 92.7

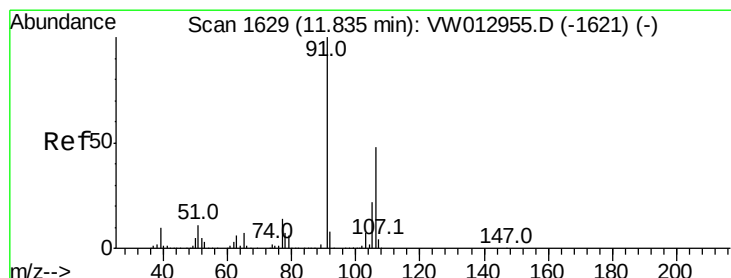
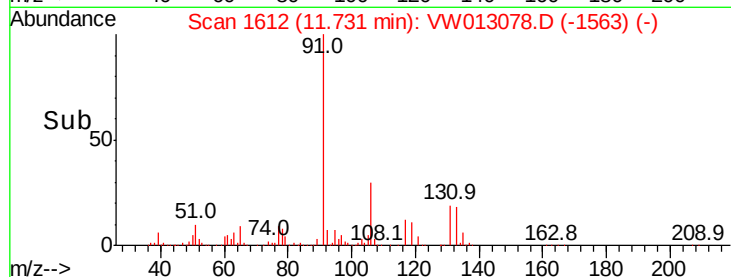
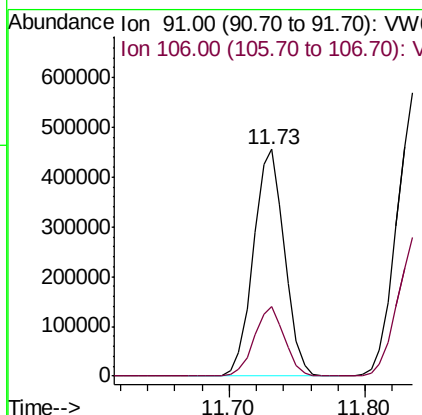
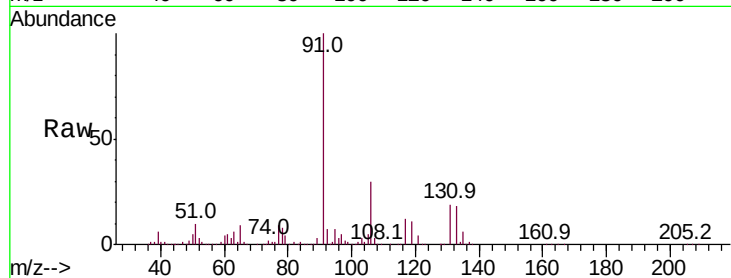




#67
Ethyl Benzene
Concen: 53.507 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

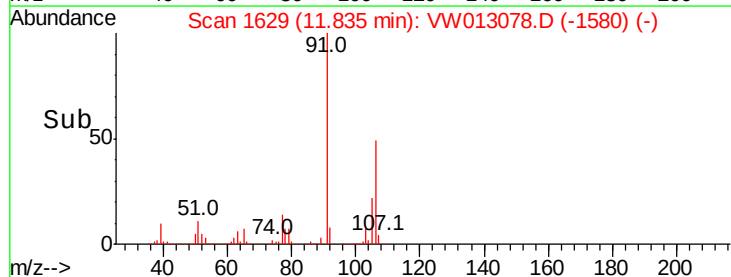
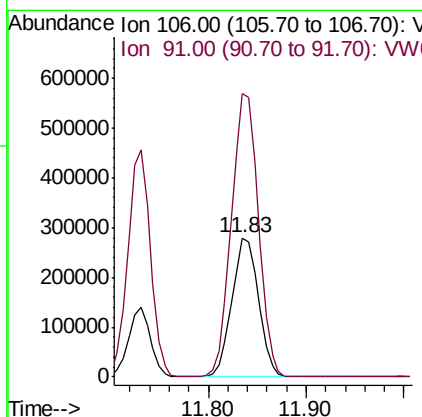
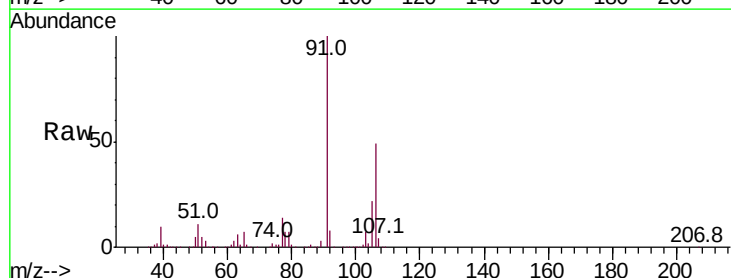
Instrument :
MSVOA_W
ClientSampled :

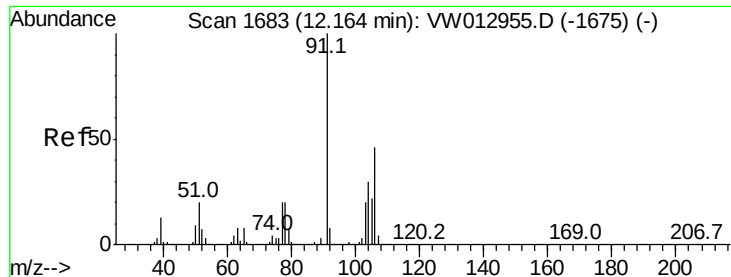
Tot Ion: 91 Resp: 730809
Ion Ratio Lower Upper
91 100
106 30.5 24.3 36.5



#68
m/p-Xylenes
Concen: 105.645 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion:106 Resp: 527118
Ion Ratio Lower Upper
106 100
91 206.6 165.8 248.8

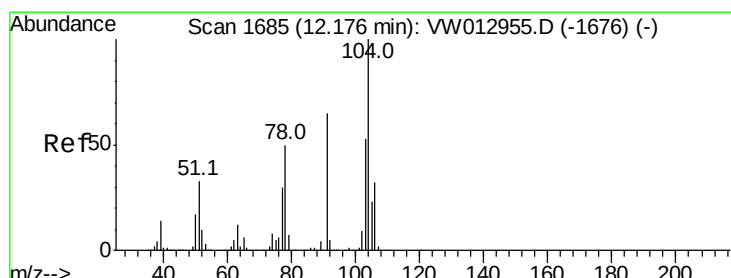
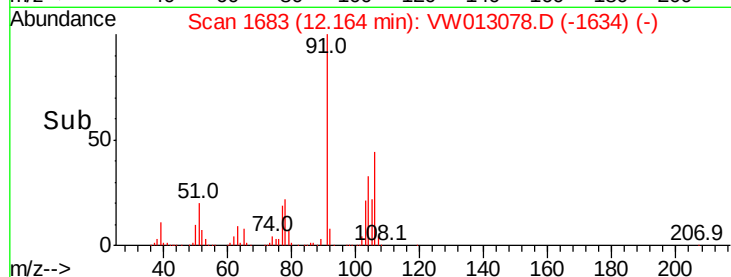
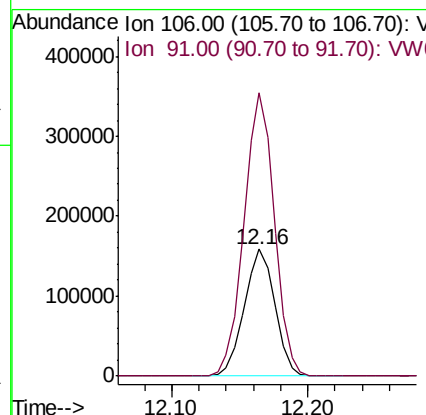
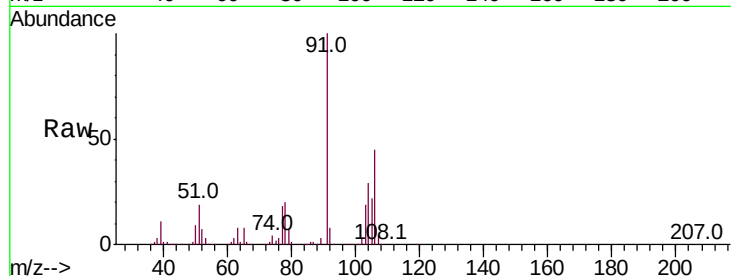




#69
o-Xylene
Concen: 53.538 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

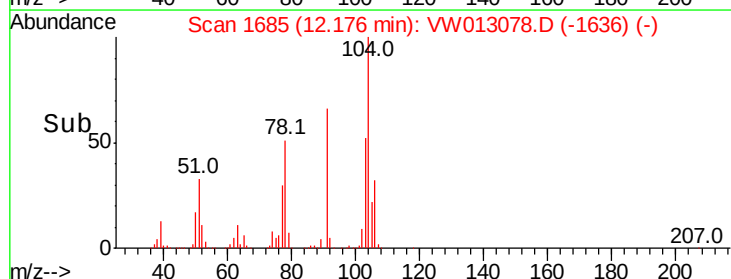
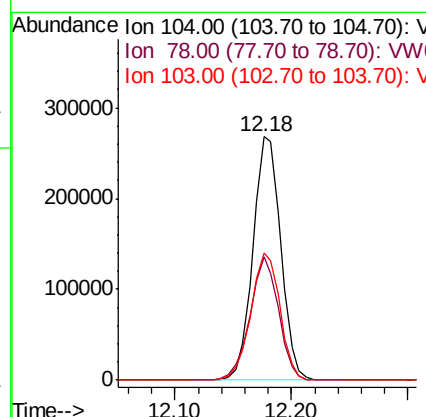
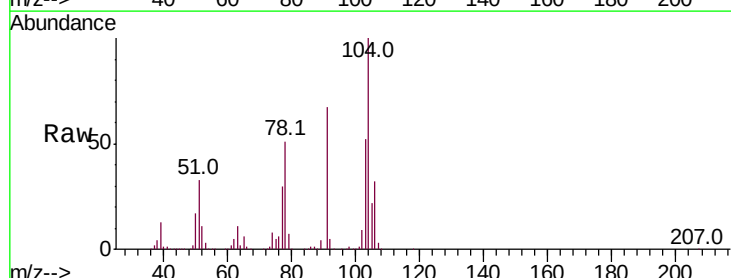
Instrument :
MSVOA_W
ClientSampled :

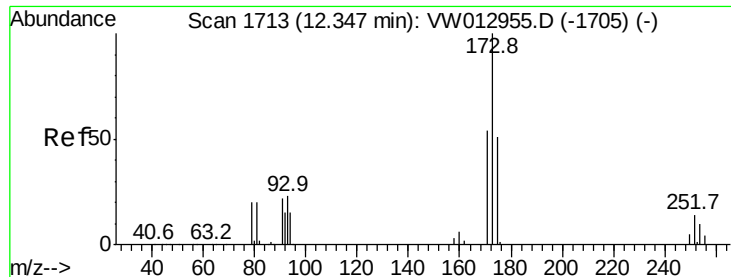
Tot Ion:106 Resp: 250440
Ion Ratio Lower Upper
106 100
91 220.6 109.7 329.0



#70
Styrene
Concen: 53.752 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion:104 Resp: 447282
Ion Ratio Lower Upper
104 100
78 52.1 42.1 63.1
103 54.9 44.2 66.4





#71

Bromoform

Concen: 51.262 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

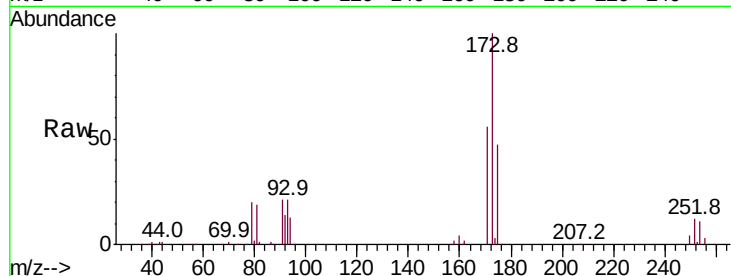
Tot Ion:173 Resp: 76309

Ion Ratio Lower Upper

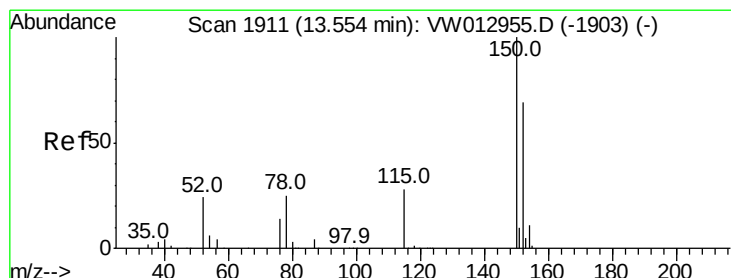
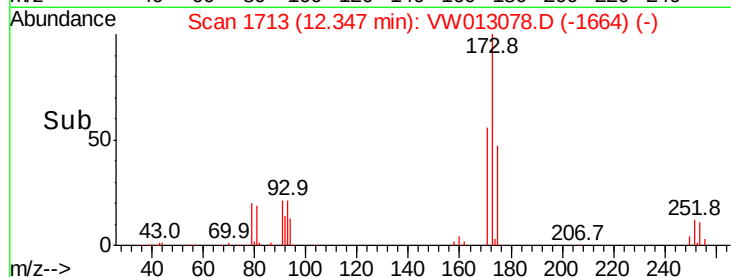
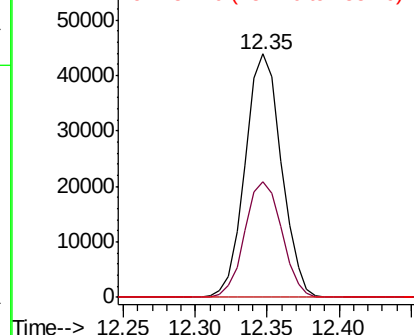
173 100

175 48.4 24.2 72.6

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. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

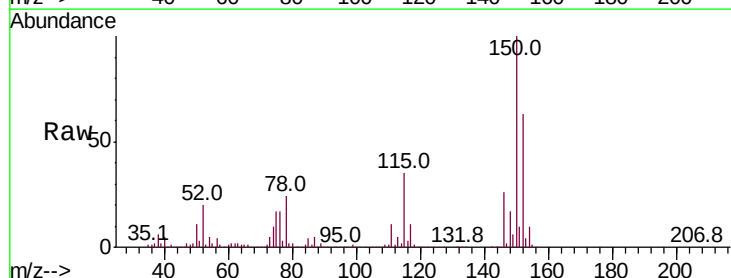
Tgt Ion:152 Resp: 210710

Ion Ratio Lower Upper

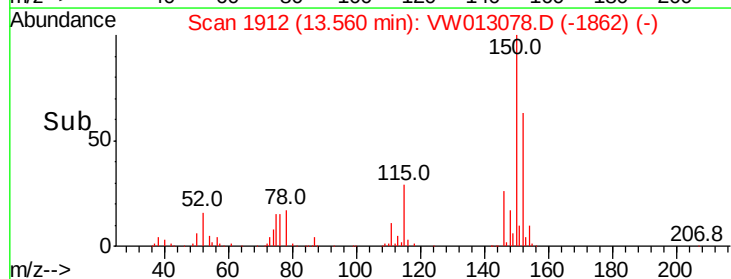
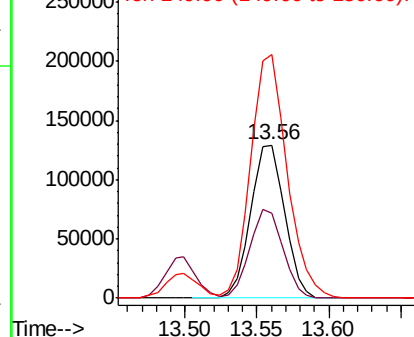
152 100

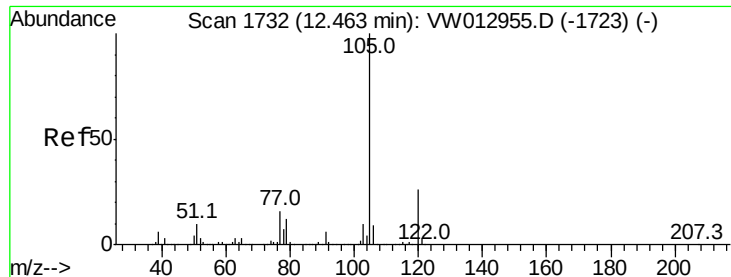
115 57.0 28.8 86.4

150 170.1 0.0 340.2



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: 51.608 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

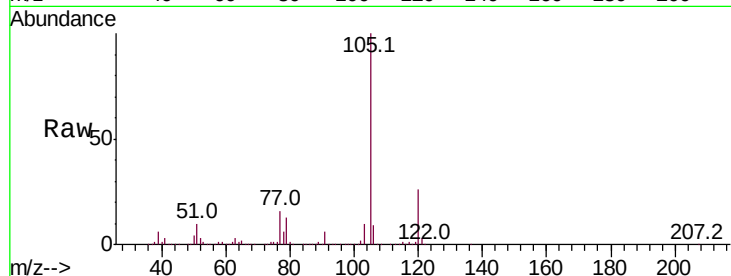
ClientSampleId :

Tot Ion:105 Resp: 720779

Ion Ratio Lower Upper

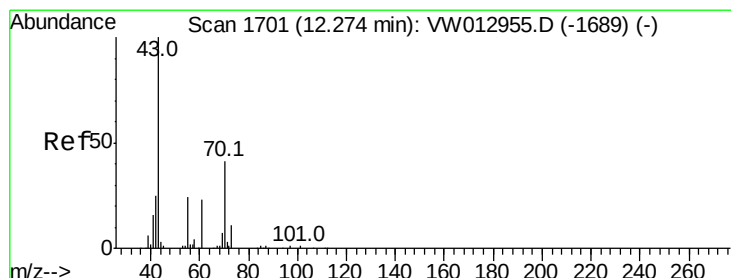
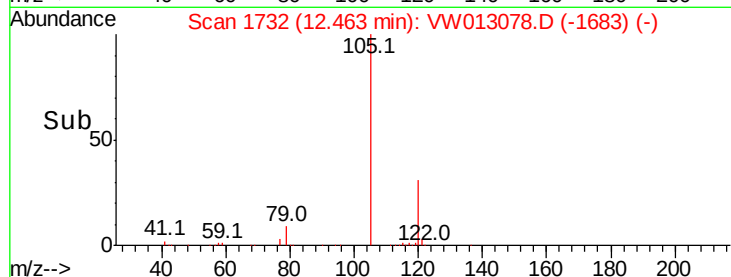
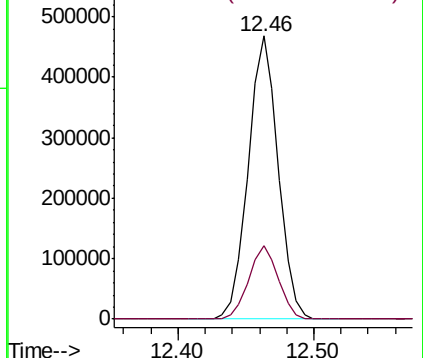
105 100

120 25.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.878 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion: 43 Resp: 189977

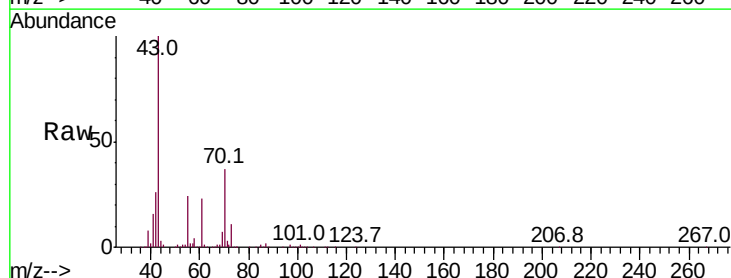
Ion Ratio Lower Upper

43 100

70 38.0 31.7 47.5

55 23.6 19.4 29.2

61 23.4 18.7 28.1

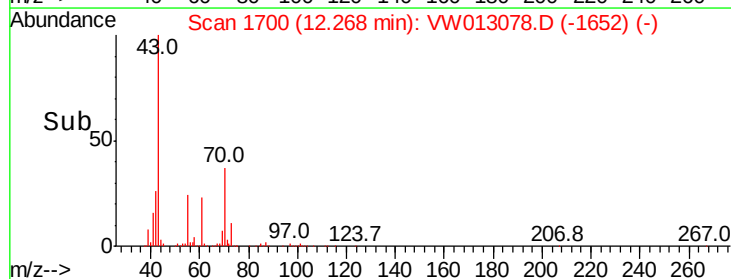
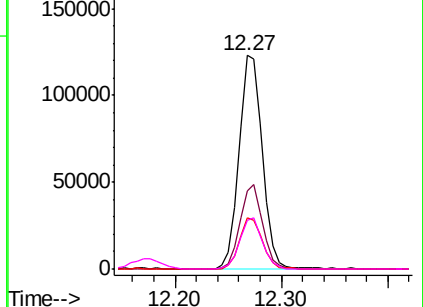


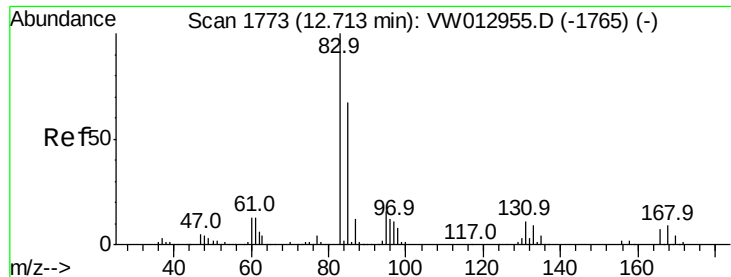
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 49.856 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampleId :

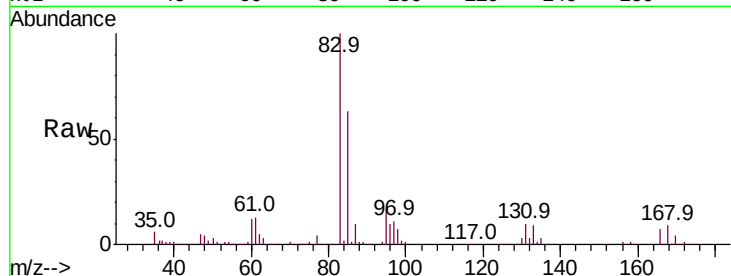
Tot Ion: 83 Resp: 122298

Ion Ratio Lower Upper

83 100

131 10.4 5.7 17.1

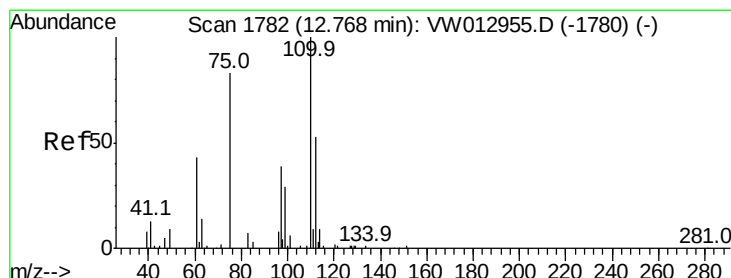
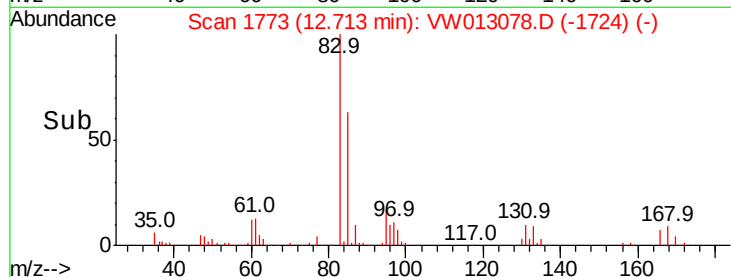
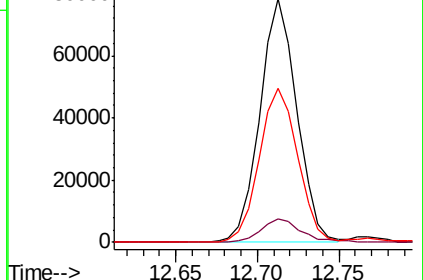
85 65.8 31.4 94.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 88.882 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013078.D

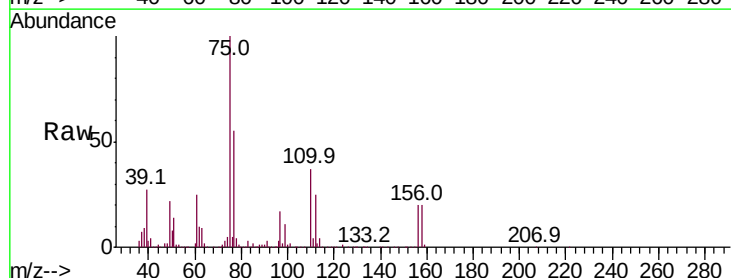
Acq: 17 Sep 2019 09:42

Tgt Ion: 75 Resp: 164046

Ion Ratio Lower Upper

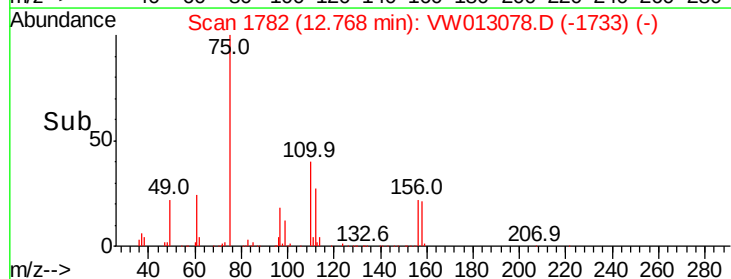
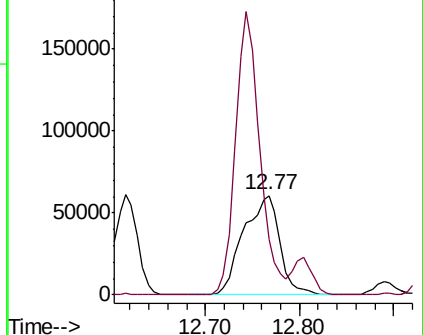
75 100

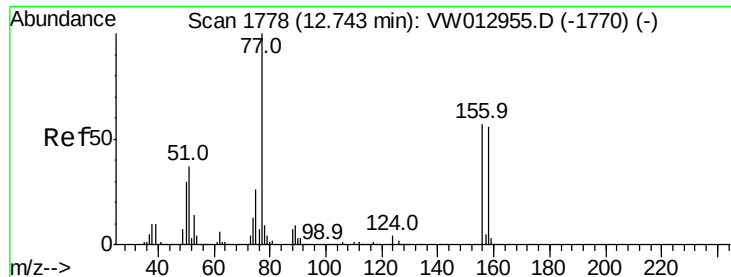
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

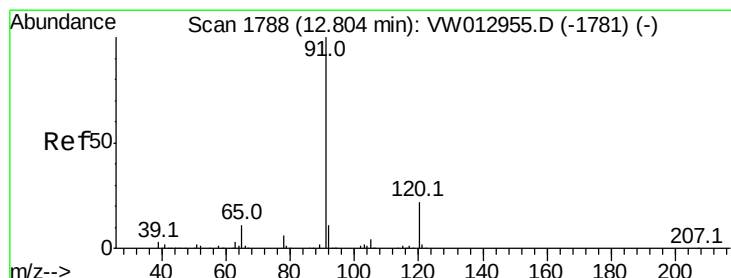
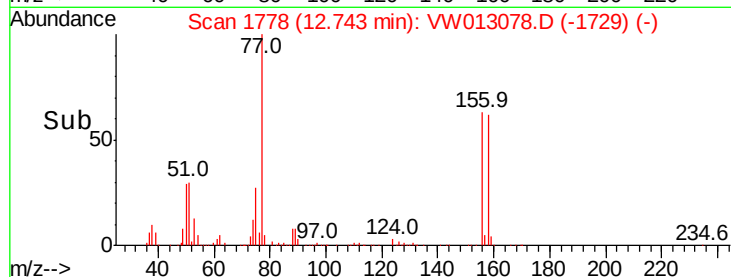
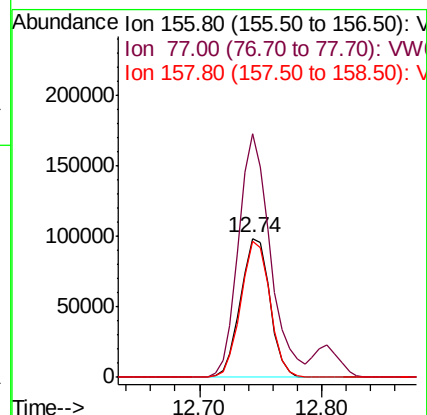
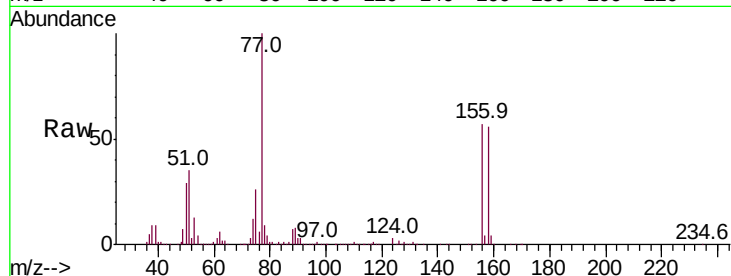




#77
Bromobenzene
Concen: 50.811 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

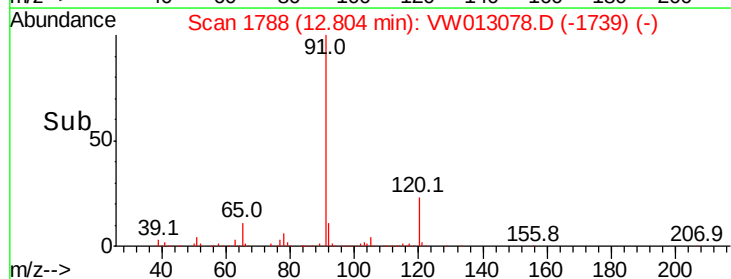
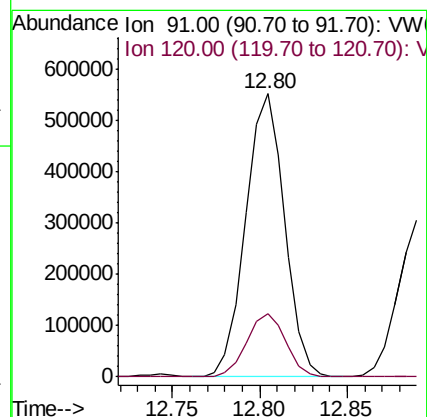
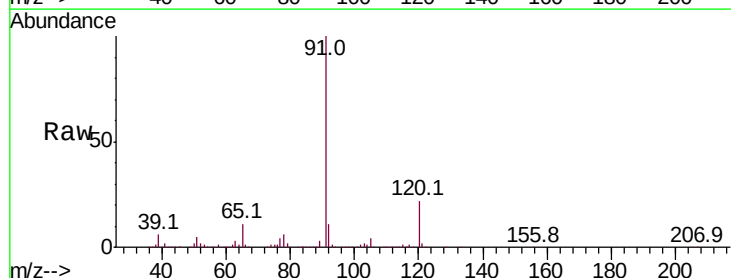
Instrument :
MSVOA_W
ClientSampleId :

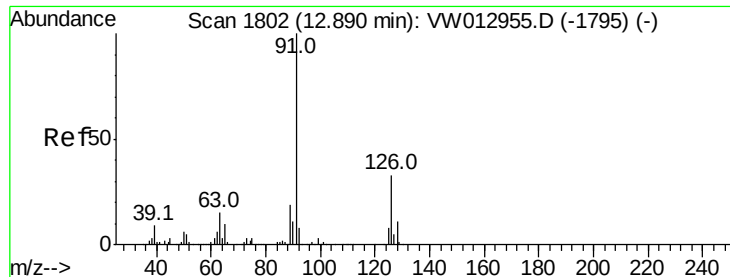
Tot Ion:156 Resp: 163486
Ion Ratio Lower Upper
156 100
77 190.1 95.2 285.6
158 97.3 49.0 147.2



#78
n-propylbenzene
Concen: 52.153 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 91 Resp: 856800
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.5





#79

2-Chlorotoluene

Concen: 51.445 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

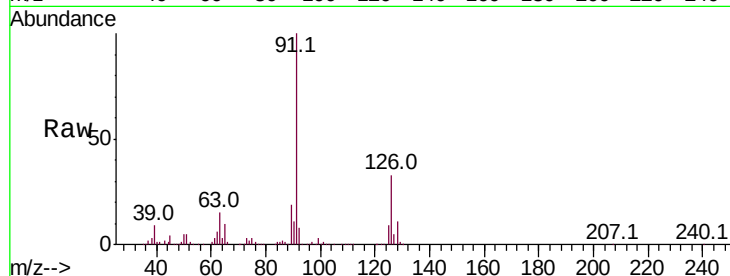
ClientSampleId :

Tot Ion: 91 Resp: 485854

Ion Ratio Lower Upper

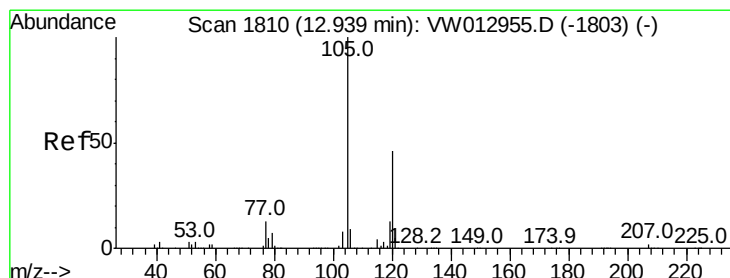
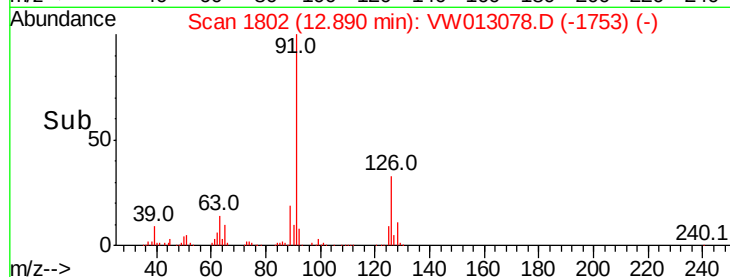
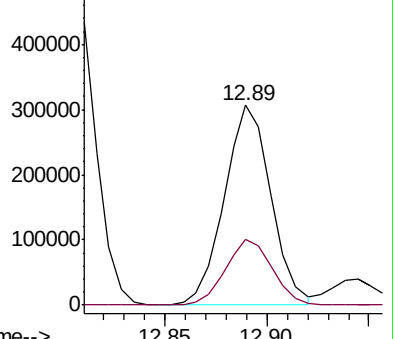
91 100

126 33.1 16.5 49.5



Abundance Ion 91.00 (90.70 to 91.70): VW012955.D (-1795) (-)

Ion 125.90 (125.60 to 126.60): VW012955.D (-1795) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.855 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013078.D

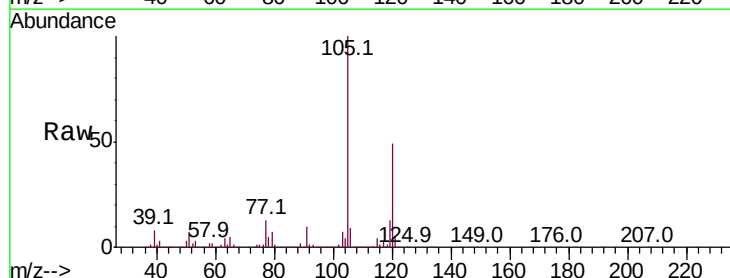
Acq: 17 Sep 2019 09:42

Tgt Ion: 105 Resp: 612691

Ion Ratio Lower Upper

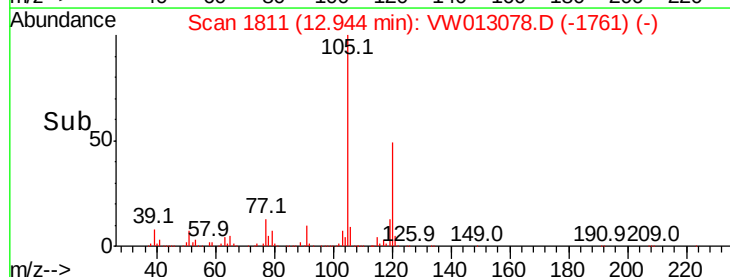
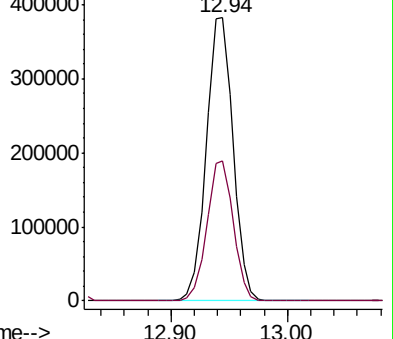
105 100

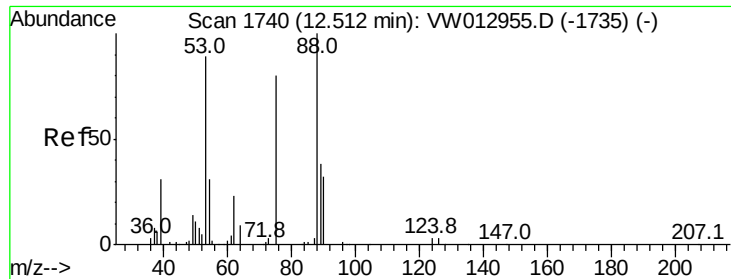
120 48.8 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VW012955.D (-1803) (-)

Ion 120.00 (119.70 to 120.70): VW012955.D (-1803) (-)

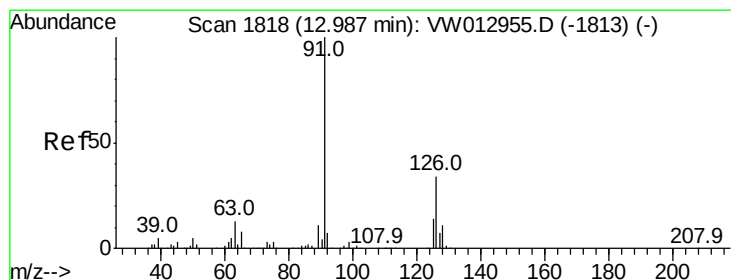
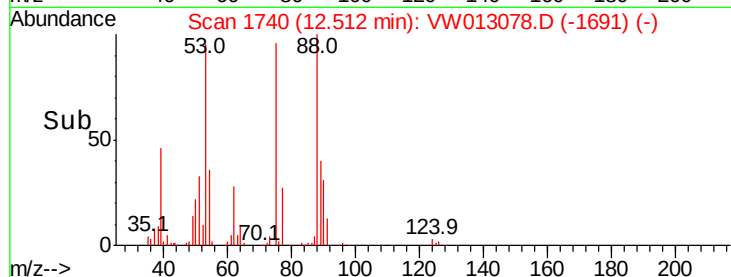
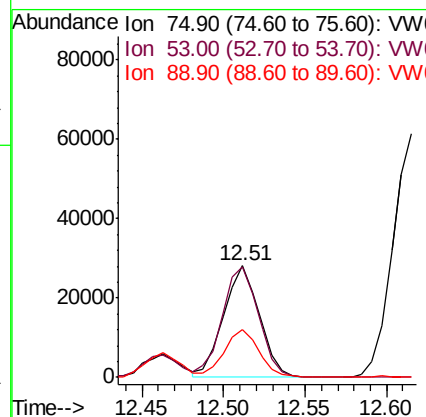
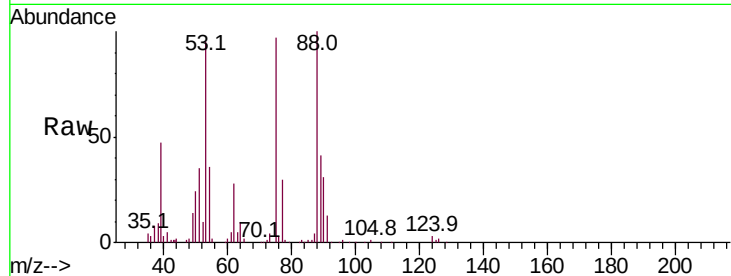




#81
trans-1,4-Dichloro-2-butene
Concen: 52.291 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

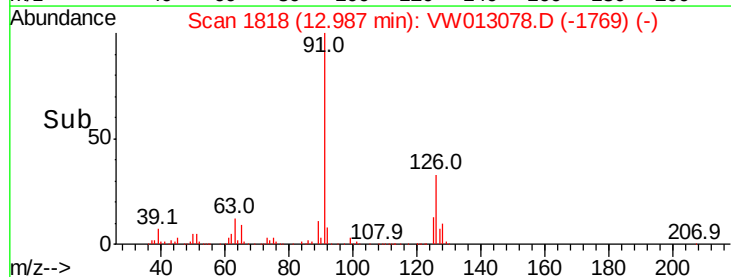
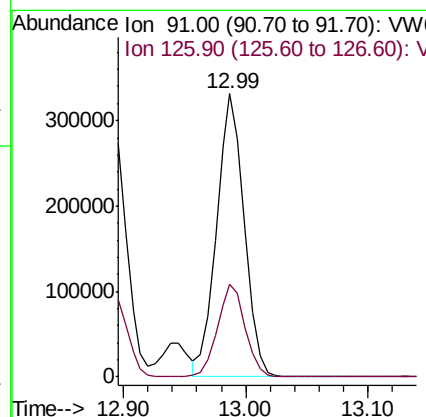
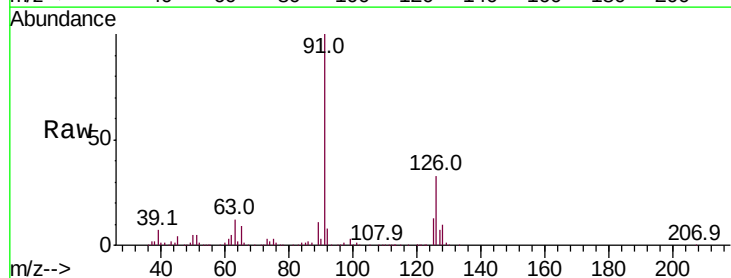
Instrument :
MSVOA_W
ClientSampled :

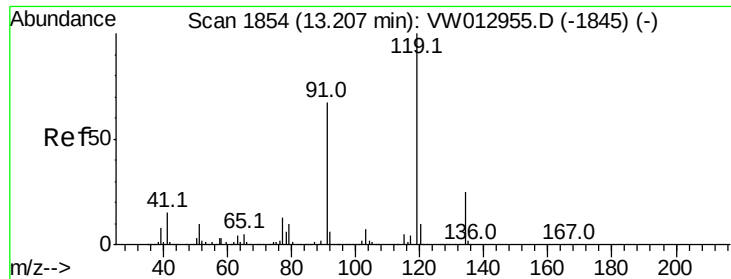
Tot Ion: 75 Resp: 42544
Ion Ratio Lower Upper
75 100
53 102.6 85.6 128.4
89 42.8 37.2 55.8



#82
4-Chlorotoluene
Concen: 52.041 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion: 91 Resp: 518565
Ion Ratio Lower Upper
91 100
126 32.7 16.1 48.3

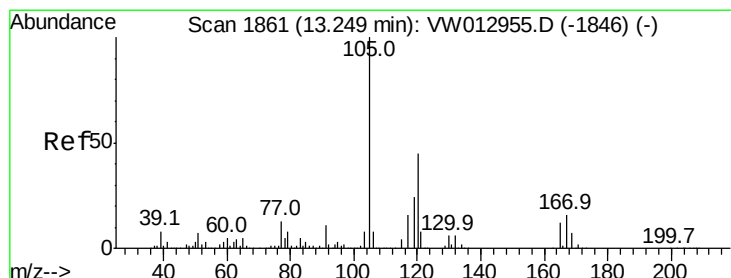
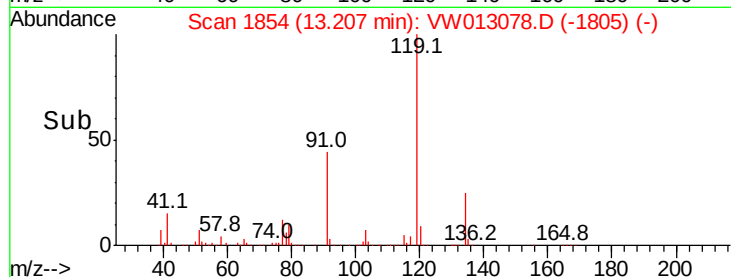
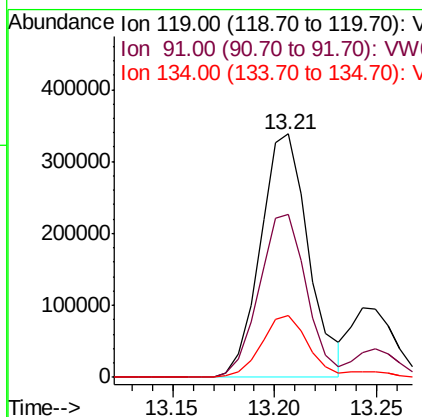
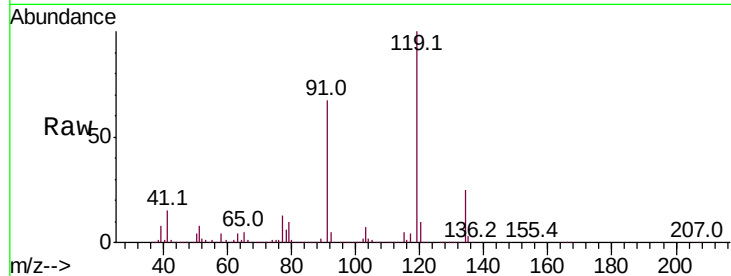




#83
 tert-Butylbenzene
 Concen: 52.666 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

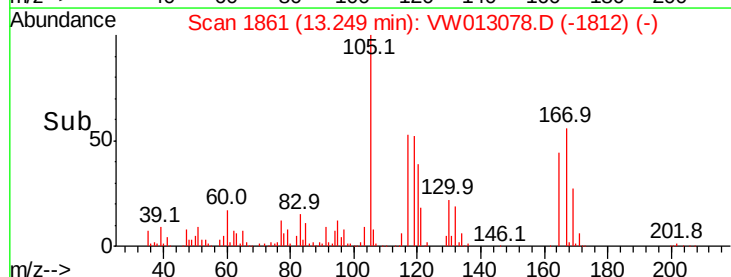
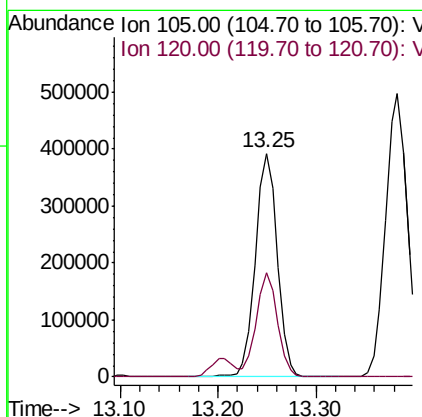
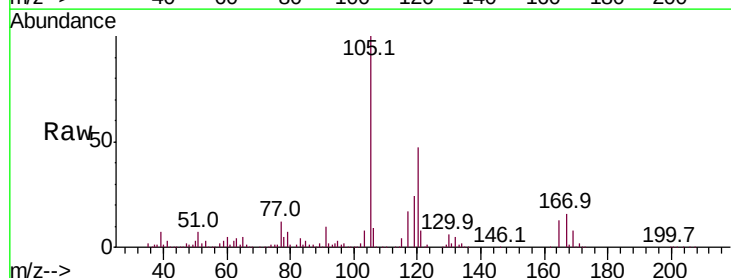
Instrument :
 MSVOA_W
 ClientSampleId :

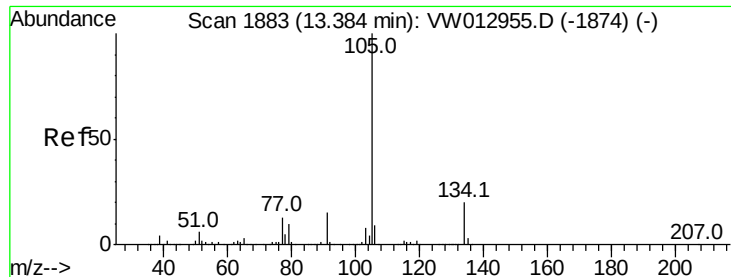
Tot Ion:119 Resp: 556607
 Ion Ratio Lower Upper
 119 100
 91 65.6 32.6 98.0
 134 24.8 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.401 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion:105 Resp: 611824
 Ion Ratio Lower Upper
 105 100
 120 44.5 21.9 65.7





#85

sec-Butylbenzene

Concen: 53.273 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

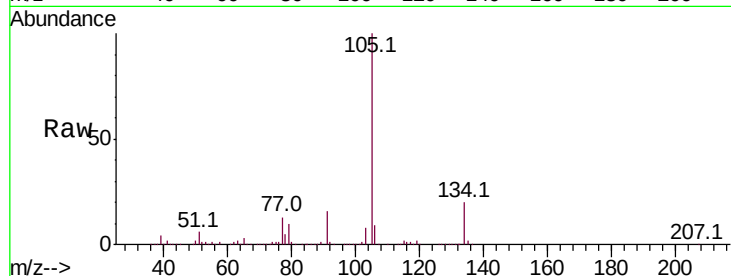
ClientSampled :

Tot Ion:105 Resp: 767081

Ion Ratio Lower Upper

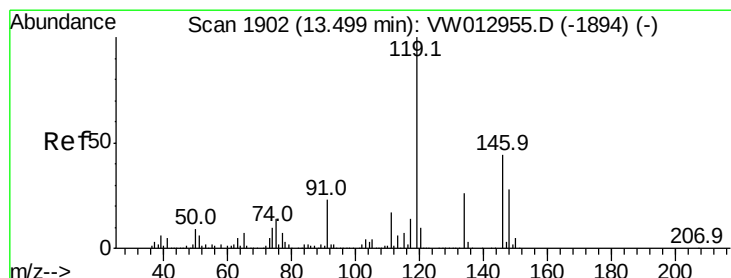
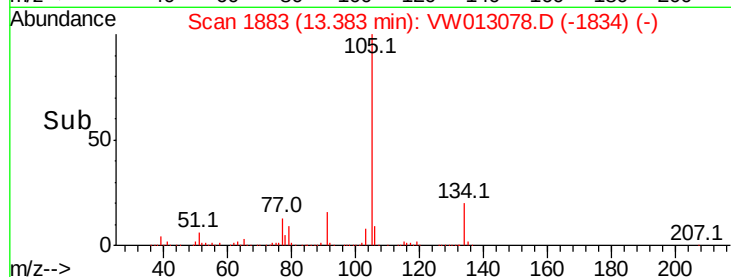
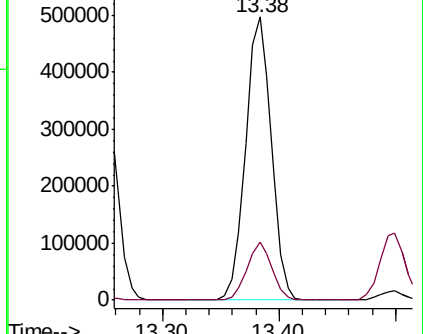
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.824 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

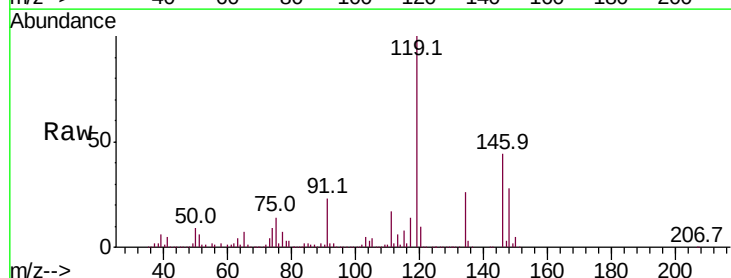
Tgt Ion:119 Resp: 698334

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.3

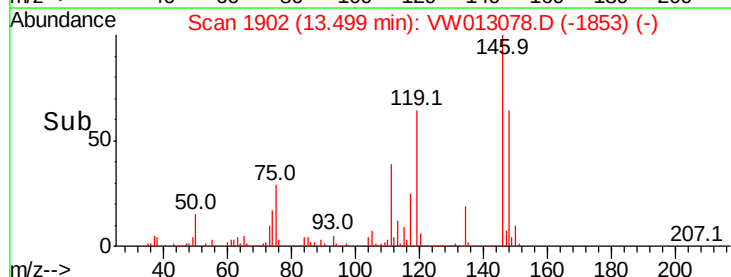
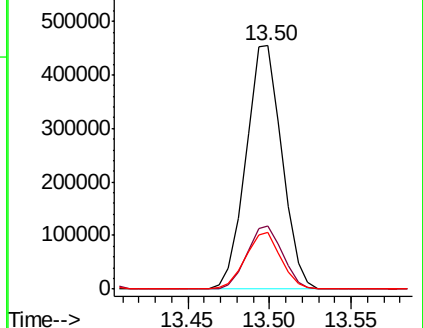
91 23.1 11.8 35.4

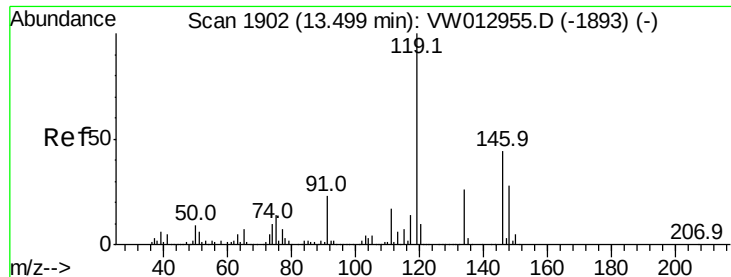


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.825 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

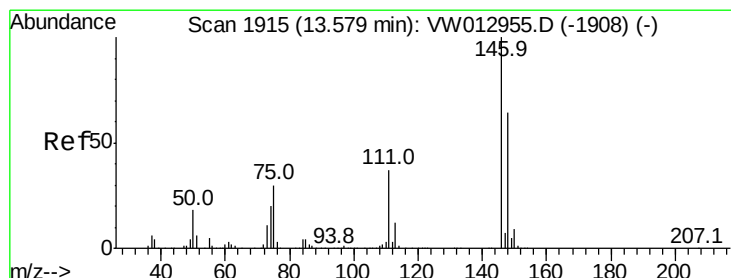
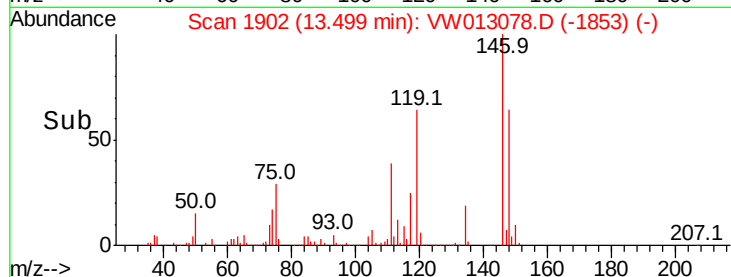
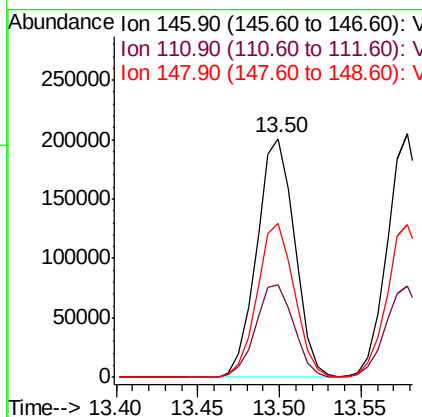
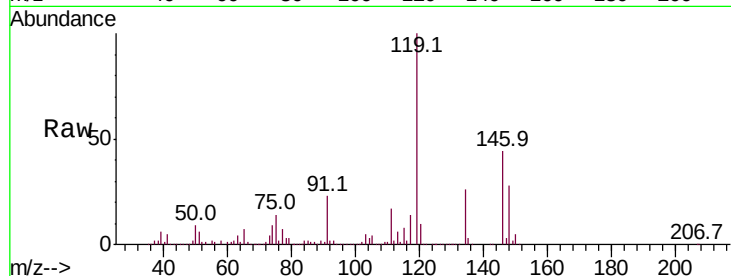
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:146 Resp: 323724

Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.4
148	63.7	31.9	95.7



#88

1,4-Dichlorobenzene

Concen: 51.345 ug/l

RT: 13.58 min Scan# 1915

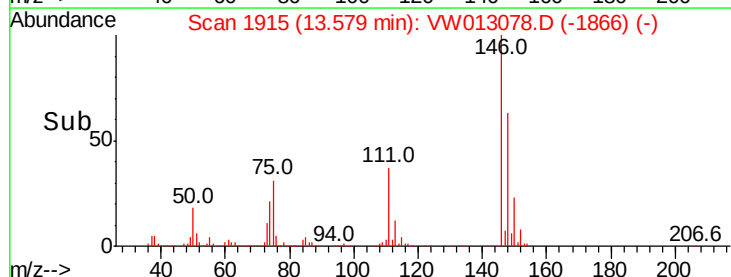
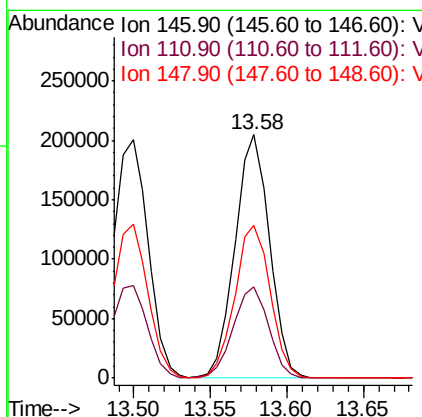
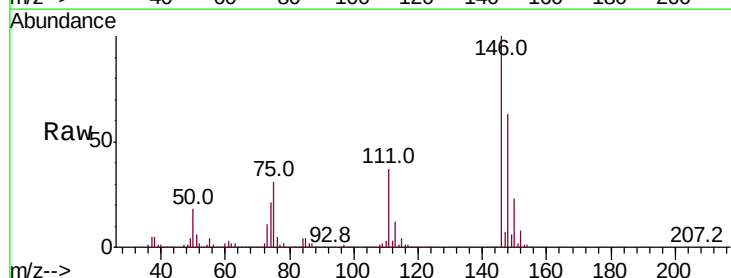
Delta R.T. -0.00 min

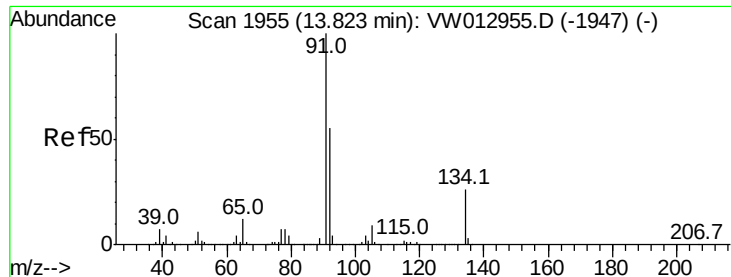
Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Tgt Ion:146 Resp: 321379

Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	64.6	31.9	95.5





#89

n-Butylbenzene

Concen: 53.516 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampleId :

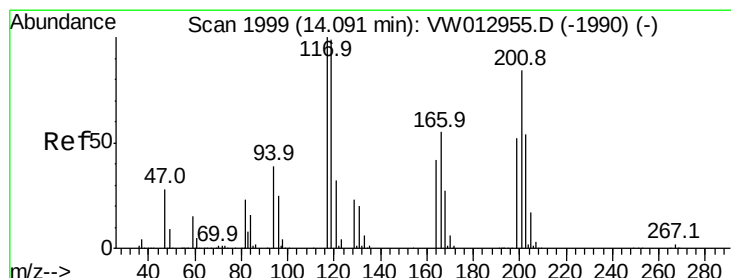
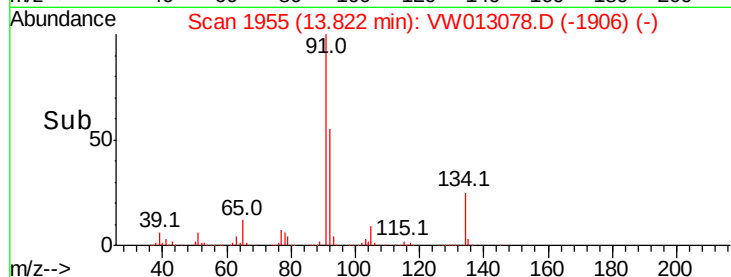
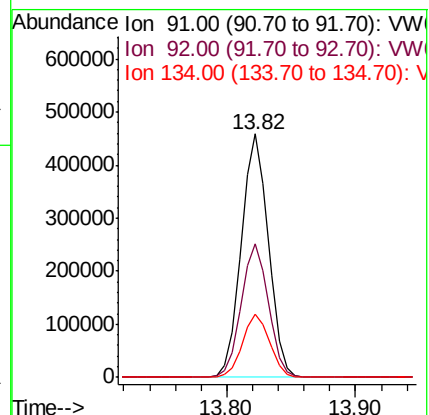
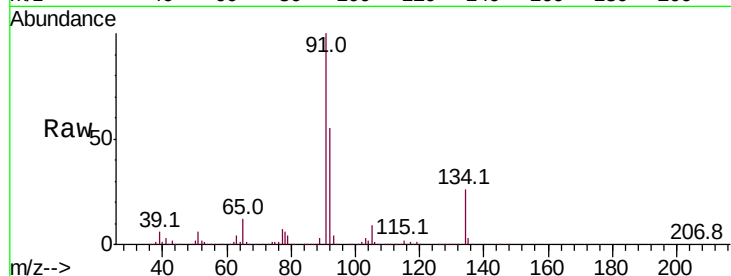
Tot Ion: 91 Resp: 667214

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.5

134 25.8 13.1 39.1



#90

Hexachloroethane

Concen: 51.516 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013078.D

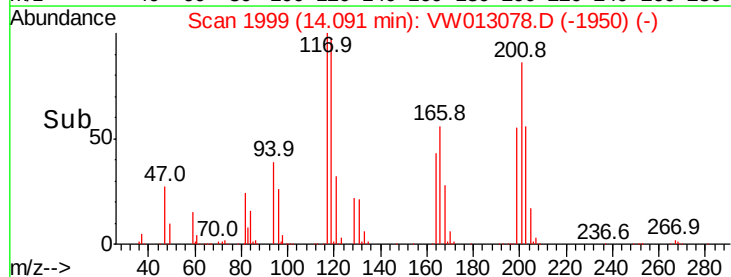
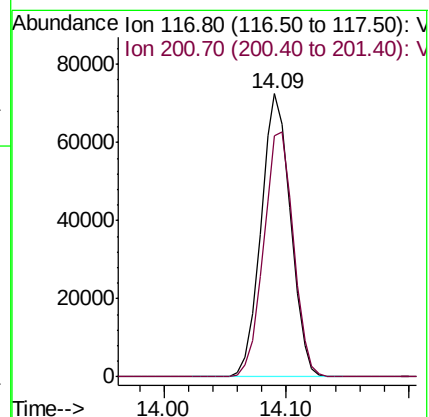
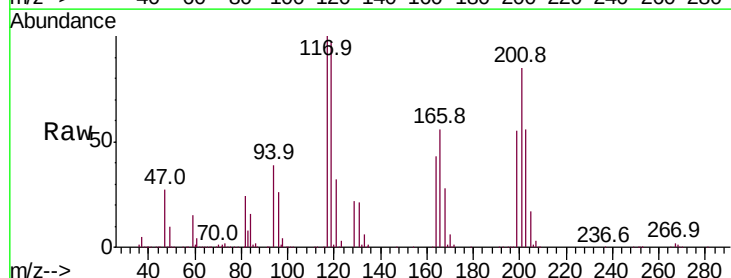
Acq: 17 Sep 2019 09:42

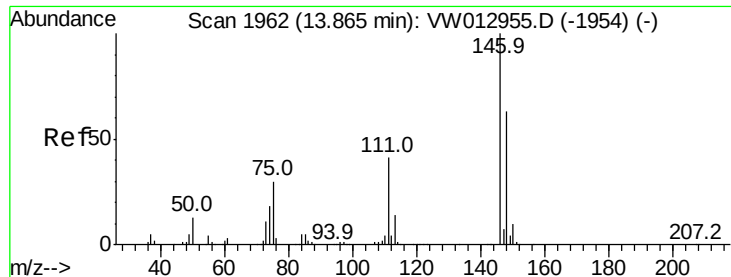
Tgt Ion: 117 Resp: 122046

Ion Ratio Lower Upper

117 100

201 87.1 45.3 135.9





#91

1,2-Dichlorobenzene

Concen: 51.162 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.01 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

Instrument :

MSVOA_W

ClientSampled :

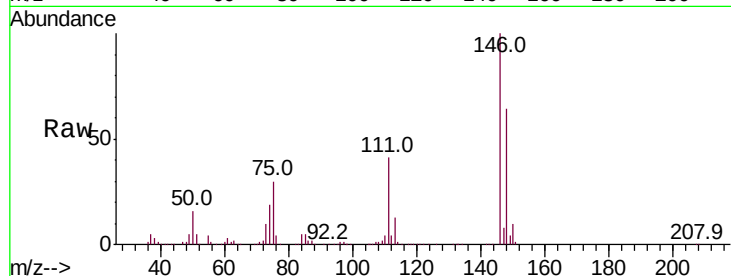
Tot Ion:146 Resp: 286569

Ion Ratio Lower Upper

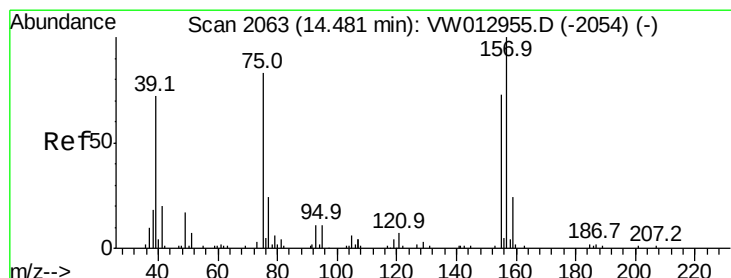
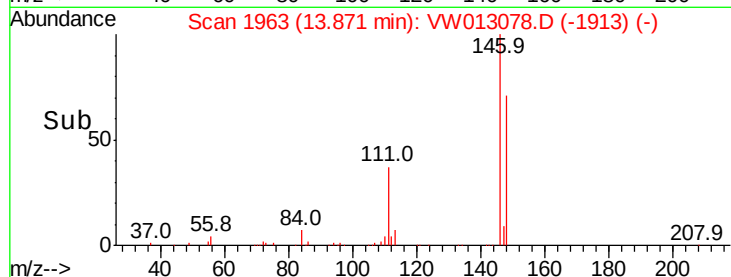
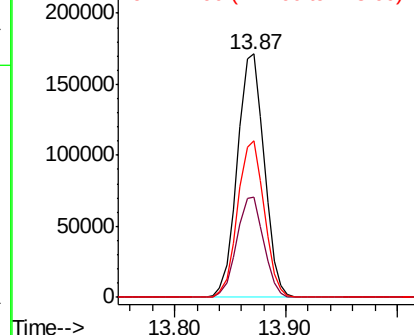
146 100

111 41.3 20.8 62.5

148 63.5 32.7 98.1



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.464 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW013078.D

Acq: 17 Sep 2019 09:42

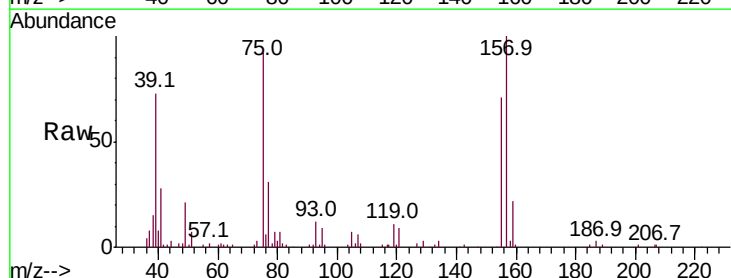
Tgt Ion: 75 Resp: 20414

Ion Ratio Lower Upper

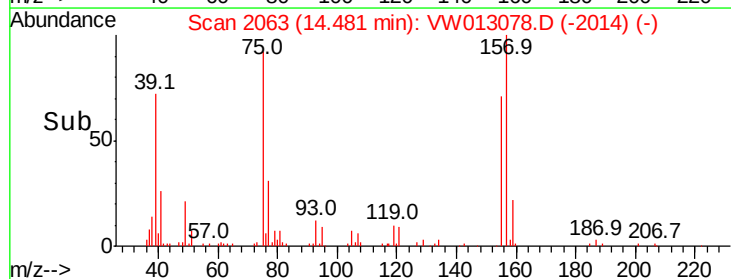
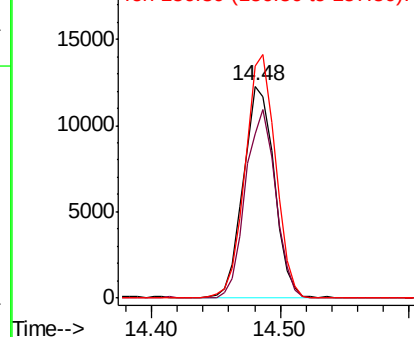
75 100

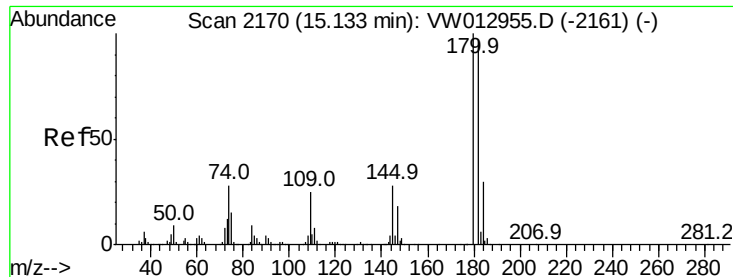
155 86.3 43.3 129.9

157 112.3 54.7 164.1



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

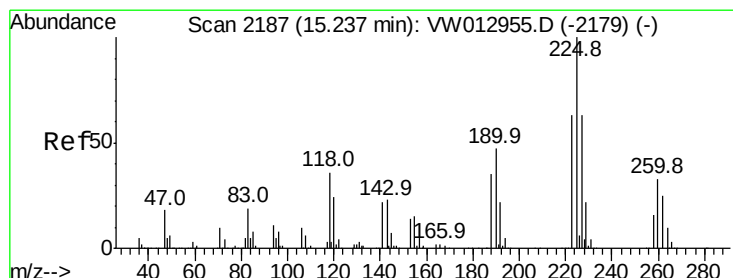
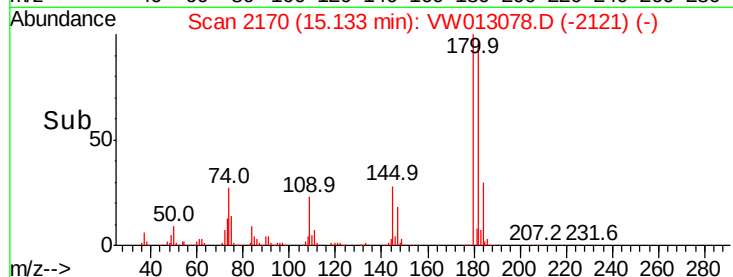
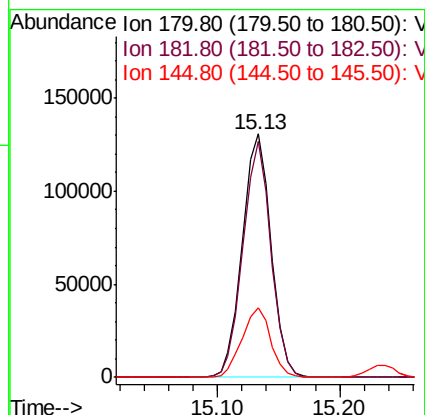
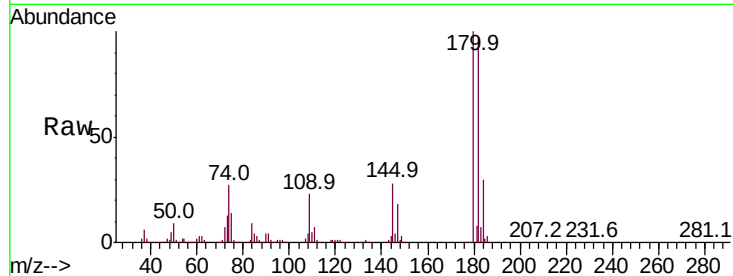




#93
 1,2,4-Trichlorobenzene
 Concen: 53.231 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

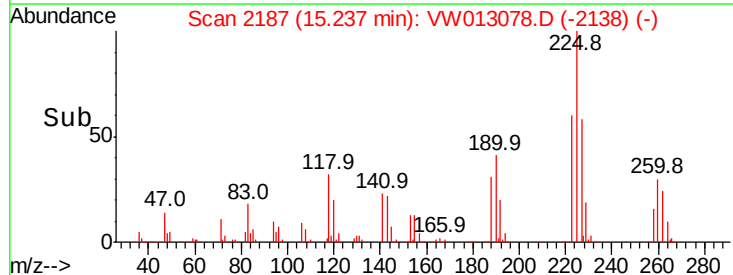
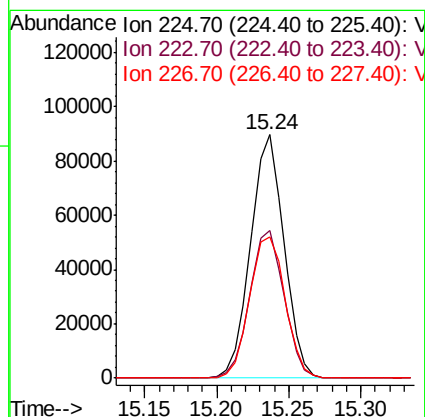
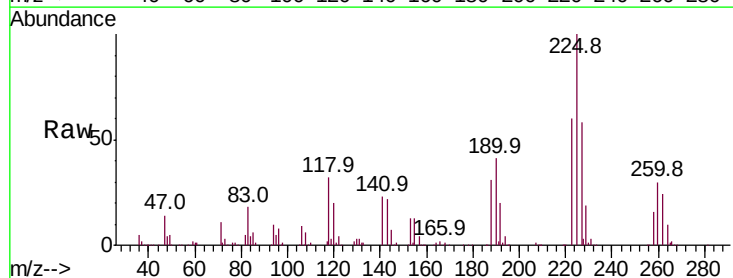
Instrument :
 MSVOA_W
 ClientSampleId :

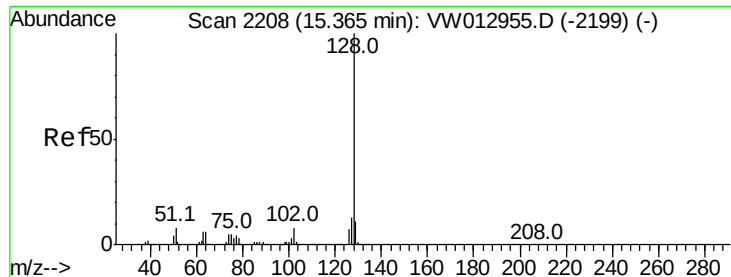
Tot Ion	Ratio	Resp	Lower	Upper
180	100	212637		
182	94.7	47.4	142.2	
145	28.6	14.9	44.7	



#94
 Hexachlorobutadiene
 Concen: 50.848 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013078.D
 Acq: 17 Sep 2019 09:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143793		
223	62.2	31.8	95.3	
227	62.0	31.3	93.8	

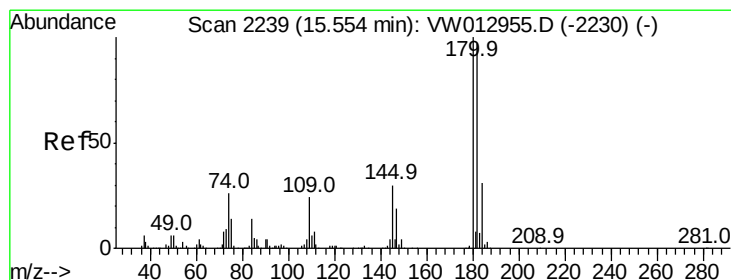
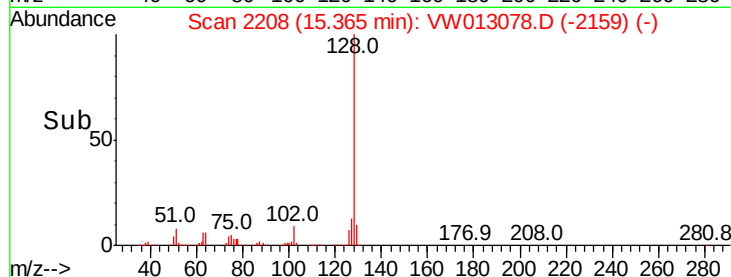
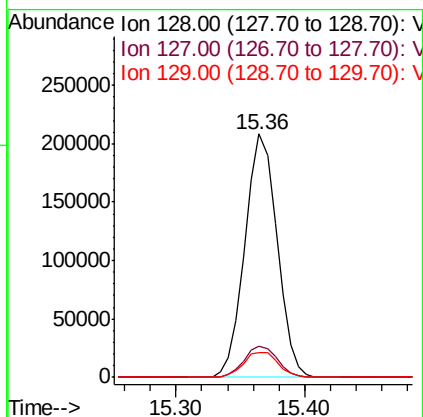
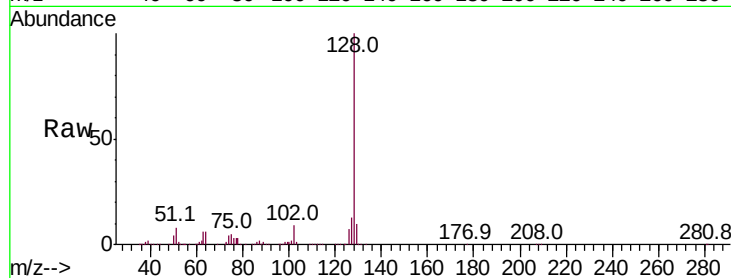




#95
Naphthalene
Concen: 54.012 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.6
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.879 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013078.D
Acq: 17 Sep 2019 09:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.6	142.8
145	31.2	15.4	46.2

