

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013080.D
 Acq On : 17 Sep 2019 10:53
 Operator : SY/VA
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 18 05:30:38 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	345078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	516155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	218614	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	158017	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	141290	50.45	ug/l	0.00
Spiked Amount			Recovery	=	100.90%	
50) Toluene-d8	10.32	98	579759	52.90	ug/l	0.00
Spiked Amount			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199288	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	31578	21.341	ug/l	97
3) Chloromethane	2.21	50	41180	22.089	ug/l	100
4) Vinyl Chloride	2.36	62	52191	21.130	ug/l	98
5) Bromomethane	2.76	94	28937	19.184	ug/l	96
6) Chloroethane	2.90	64	31585	20.850	ug/l	96
7) Trichlorofluoromethane	3.25	101	30171	17.468	ug/l	99
8) Diethyl Ether	3.67	74	26004	19.281	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49905	19.050	ug/l	99
10) Methyl Iodide	4.26	142	68147	20.786	ug/l	97
11) Tert butyl alcohol	5.18	59	16998	62.987	ug/l	100
12) 1,1-Dichloroethene	4.04	96	48268	20.264	ug/l	95
13) Acrolein	3.89	56	20794	83.847	ug/l	98
14) Allyl chloride	4.66	41	95732	21.171	ug/l	96
15) Acrylonitrile	5.37	53	65564	95.182	ug/l	100
16) Acetone	4.13	43	61141	74.704	ug/l	97
17) Carbon Disulfide	4.37	76	95685	20.158	ug/l	99
18) Methyl Acetate	4.67	43	36058	19.859	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	91613	19.485	ug/l	94
20) Methylene Chloride	4.91	84	55795	18.391	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52987	20.770	ug/l	97
22) Diisopropyl ether	6.31	45	196583	20.926	ug/l	96
23) Vinyl Acetate	6.25	43	547750	97.353	ug/l	97
24) 1,1-Dichloroethane	6.21	63	109365	20.192	ug/l	97
25) 2-Butanone	7.17	43	95171	93.912	ug/l	95
26) 2,2-Dichloropropane	7.17	77	73818	18.767	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	62232	20.375	ug/l	100
28) Bromochloromethane	7.51	49	44263	19.416	ug/l	98
29) Tetrahydrofuran	7.53	42	54850	94.992	ug/l	97
30) Chloroform	7.67	83	106625	19.375	ug/l	93
31) Cyclohexane	7.95	56	94636	20.793	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	87494	19.305	ug/l	96
36) 1,1-Dichloropropene	8.08	75	80794	19.589	ug/l	99
37) Ethyl Acetate	7.25	43	40924	18.693	ug/l	97
38) Carbon Tetrachloride	8.07	117	76270	18.045	ug/l	96

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Instrument :
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 ClientSampleId :

Quant Time: Sep 18 05:30:38 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	90618	20.050	ug/l	97
40) Benzene	8.32	78	231522	20.107	ug/l	99
41) Methacrylonitrile	7.48	41	24807	17.207	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70905	18.370	ug/l	98
43) Isopropyl Acetate	8.42	43	75941	18.066	ug/l	99
44) Trichloroethene	9.09	130	61164	19.393	ug/l	92
45) 1,2-Dichloropropane	9.37	63	62964	20.582	ug/l	97
46) Dibromomethane	9.46	93	28402	19.378	ug/l	97
47) Bromodichloromethane	9.64	83	76913	18.708	ug/l	97
48) Methyl methacrylate	9.43	41	36278	18.390	ug/l	97
49) 1,4-Dioxane	9.46	88	7617	310.154	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	197823	91.157	ug/l	100
52) Toluene	10.38	92	147829	20.204	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	77816	18.820	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	89338	18.884	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41246	18.473	ug/l	97
56) Ethyl methacrylate	10.65	69	55811	18.571	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75551	19.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	155966	96.744	ug/l	99
59) 2-Hexanone	10.97	43	132353	87.588	ug/l	100
60) Dibromochloromethane	11.13	129	49079	18.182	ug/l	97
61) 1,2-Dibromoethane	11.23	107	37964	18.639	ug/l	99
64) Tetrachloroethene	10.86	164	49925	19.167	ug/l	97
65) Chlorobenzene	11.66	112	153473	19.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56591	18.935	ug/l	99
67) Ethyl Benzene	11.73	91	290687	20.182	ug/l	98
68) m/p-Xylenes	11.84	106	213681	40.610	ug/l	100
69) o-Xylene	12.16	106	97994	19.865	ug/l	97
70) Styrene	12.18	104	172213	19.625	ug/l	99
71) Bromoform	12.35	173	28503	18.156	ug/l #	100
73) Isopropylbenzene	12.46	105	287366	19.832	ug/l	99
74) N-amyl acetate	12.27	43	68407	18.352	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	49405	19.412	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62820	32.806	ug/l #	100
77) Bromobenzene	12.74	156	65710	19.684	ug/l	100
78) n-propylbenzene	12.80	91	340089	19.952	ug/l	99
79) 2-Chlorotoluene	12.89	91	193757	19.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	241670	19.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14895	17.645	ug/l	98
82) 4-Chlorotoluene	12.99	91	204273	19.759	ug/l	99
83) tert-Butylbenzene	13.21	119	217170	19.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	245246	20.245	ug/l	99
85) sec-Butylbenzene	13.38	105	295215	19.761	ug/l	99
86) p-Isopropyltoluene	13.50	119	270332	19.709	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126288	19.111	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127839	19.686	ug/l	99
89) n-Butylbenzene	13.82	91	255685	19.766	ug/l	100
90) Hexachloroethane	14.09	117	44773	18.215	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	111330	19.157	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8225	17.656	ug/l	95

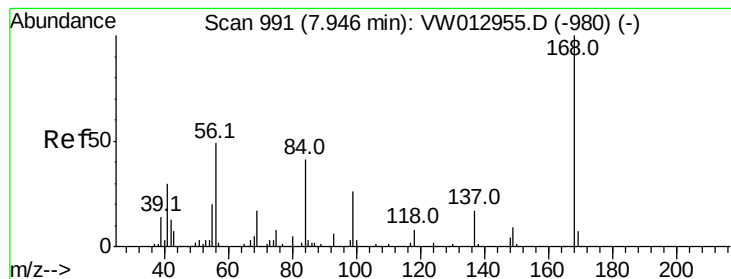
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091719\
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Quant Title : SW846 8260
QLast Update : Fri Sep 13 17:26:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77380	18.671	ug/l	98
94) Hexachlorobutadiene	15.24	225	54893	18.710	ug/l	97
95) Naphthalene	15.36	128	124266	17.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	66374	18.117	ug/l	98

(#) = 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: VW013080.D

Acq: 17 Sep 2019 10:53

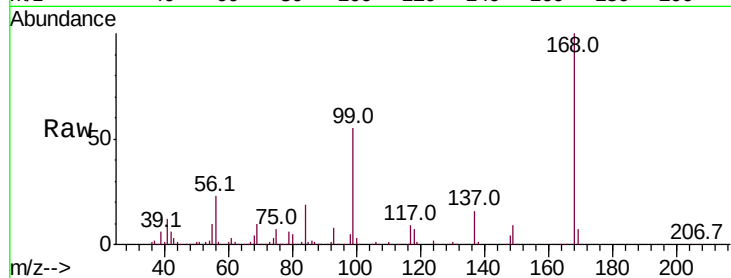
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 345078

Ion Ratio Lower Upper

168 100

99 54.6 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

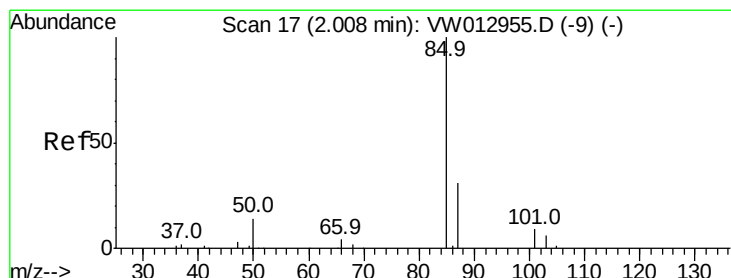
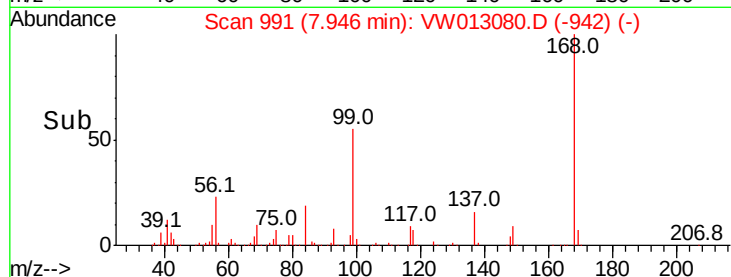
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.341 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013080.D

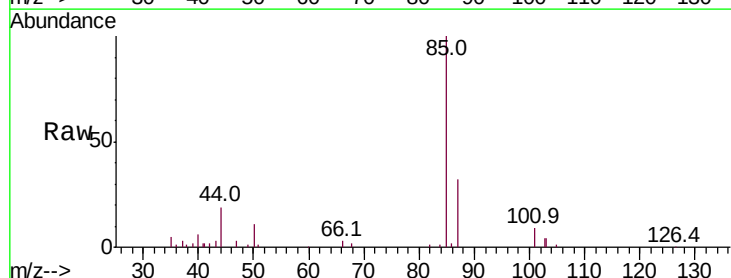
Acq: 17 Sep 2019 10:53

Tgt Ion: 85 Resp: 31578

Ion Ratio Lower Upper

85 100

87 32.4 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

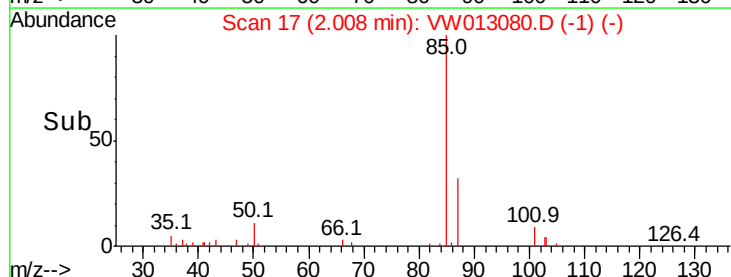
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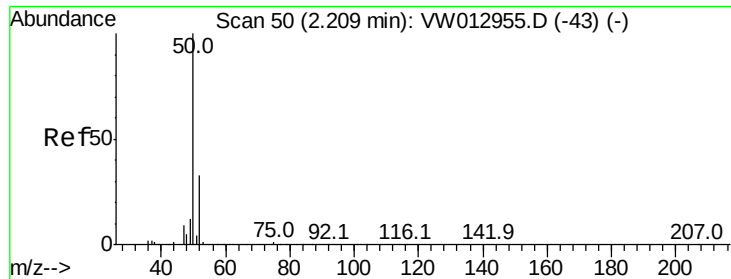
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 22.089 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

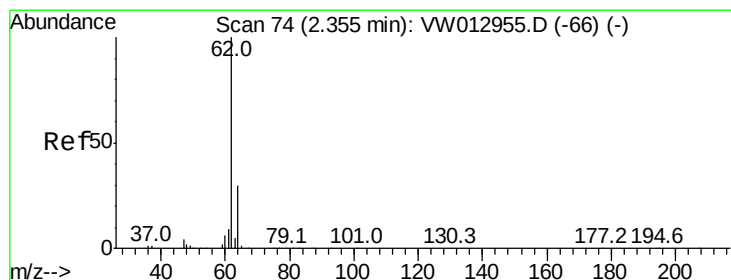
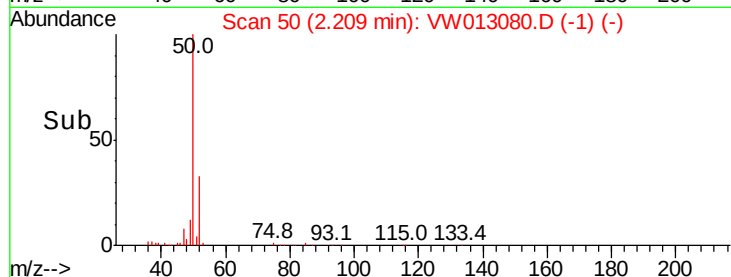
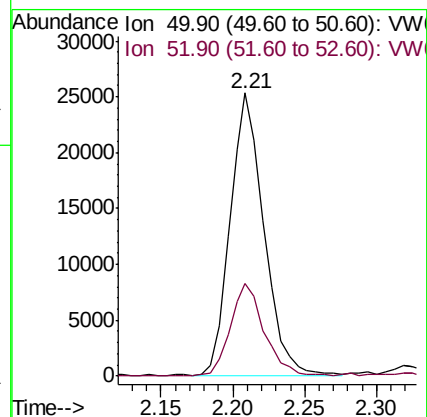
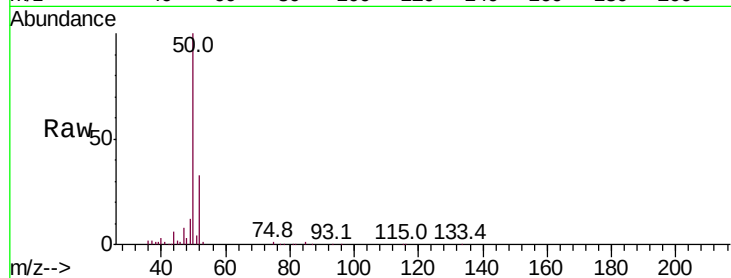
ClientSampleId :

Tot Ion: 50 Resp: 41180

Ion Ratio Lower Upper

50 100

52 33.0 26.6 39.8



#4

Vinyl Chloride

Concen: 21.130 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013080.D

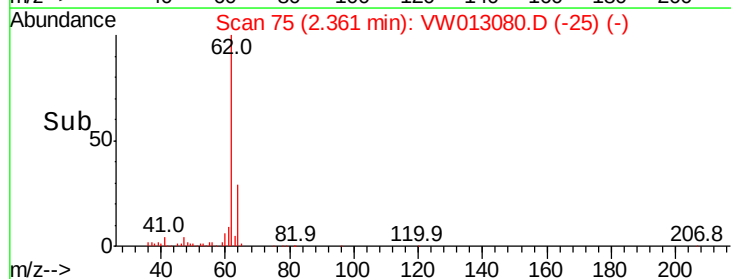
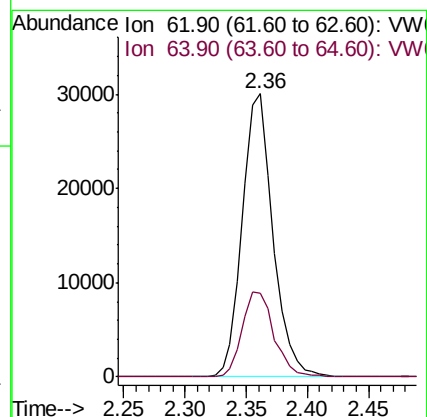
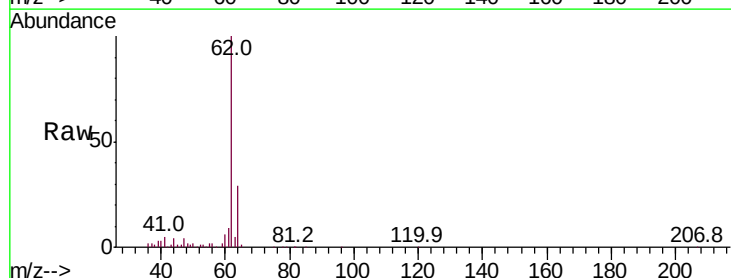
Acq: 17 Sep 2019 10:53

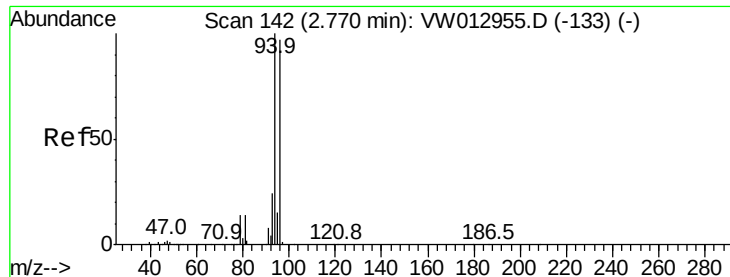
Tgt Ion: 62 Resp: 52191

Ion Ratio Lower Upper

62 100

64 29.4 24.2 36.4





#5

Bromomethane

Concen: 19.184 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

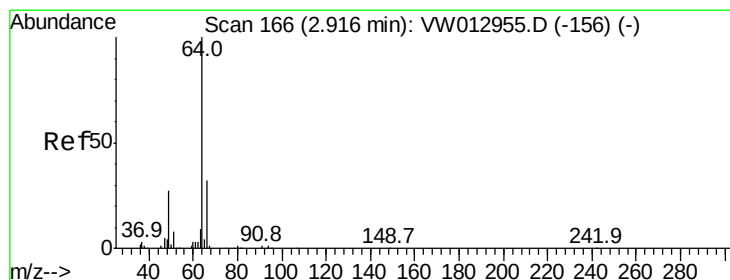
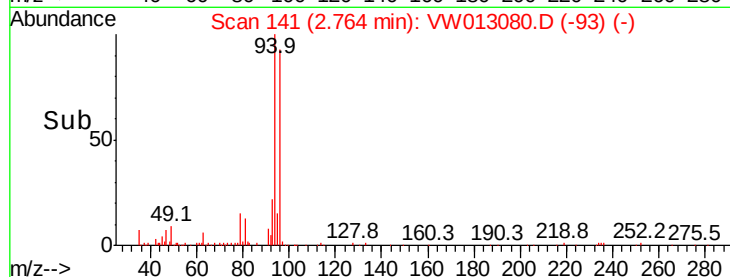
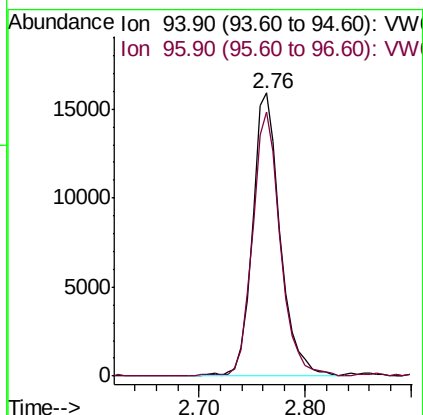
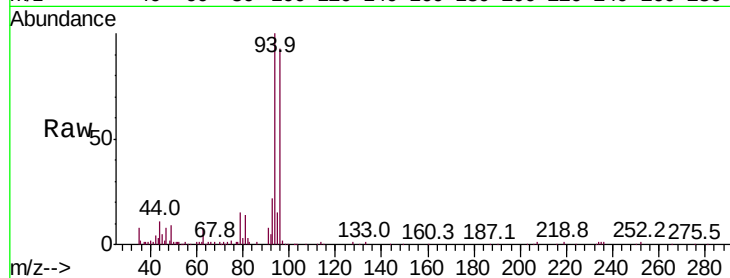
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 28937

Ion Ratio Lower Upper

94 100

96 93.2 77.8 116.6



#6

Chloroethane

Concen: 20.850 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013080.D

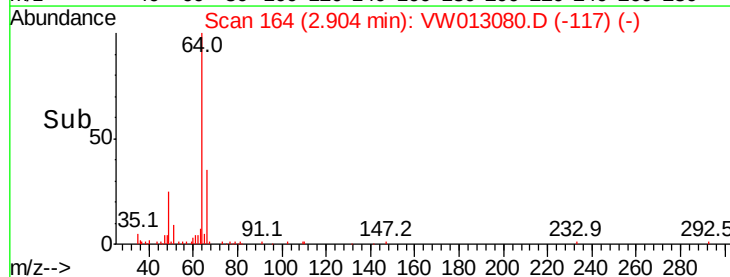
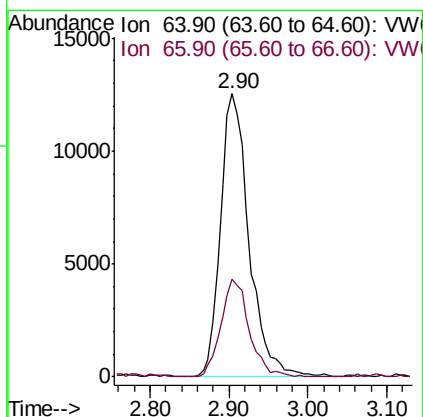
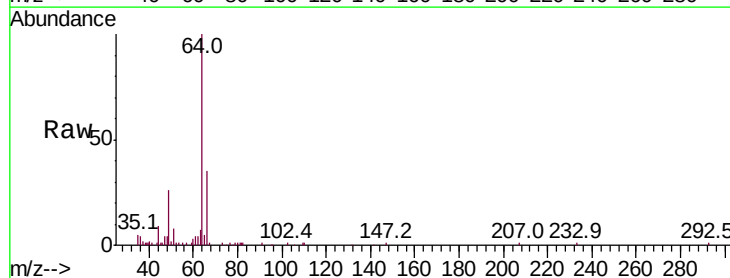
Acq: 17 Sep 2019 10:53

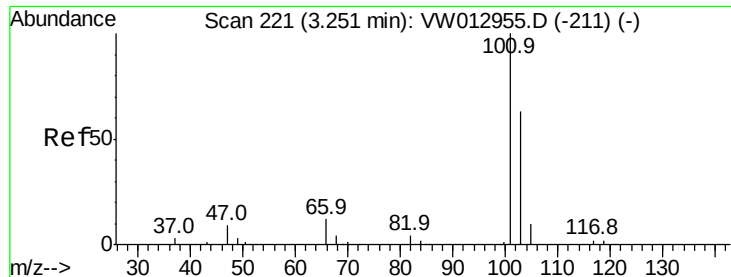
Tgt Ion: 64 Resp: 31585

Ion Ratio Lower Upper

64 100

66 34.5 25.9 38.9



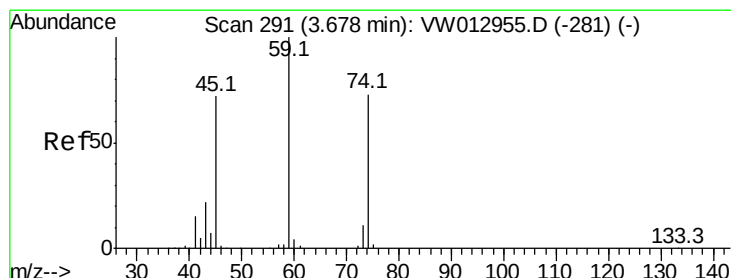
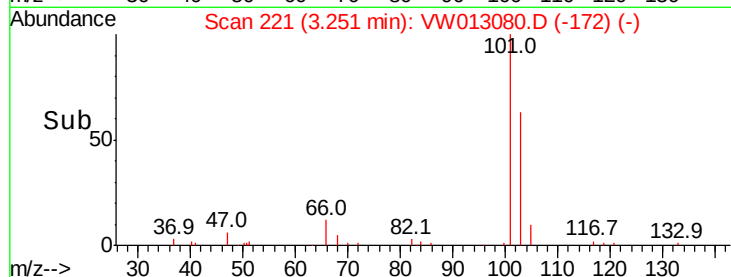
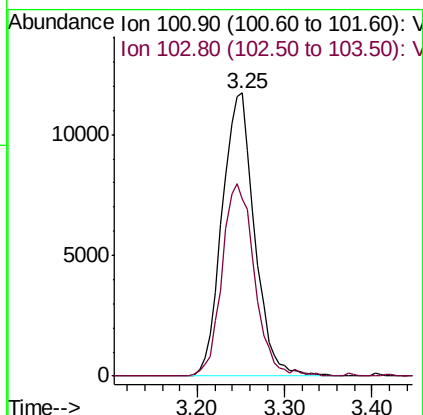
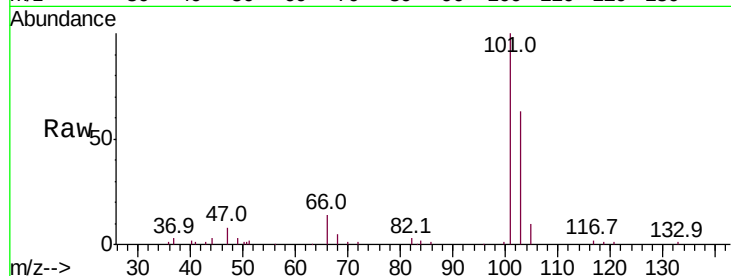


#7

Trichlorofluoromethane
 Concen: 17.468 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampled :

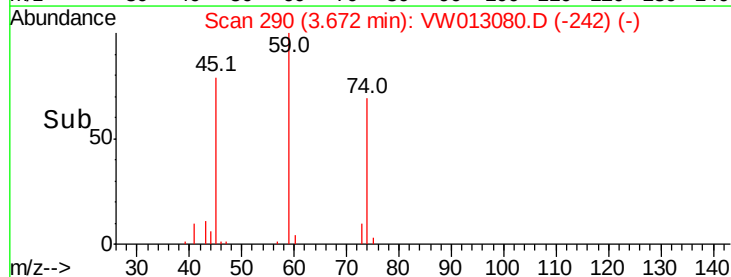
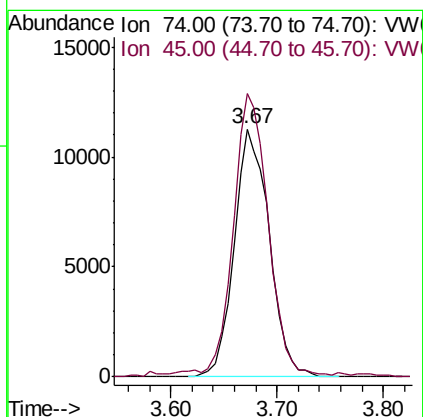
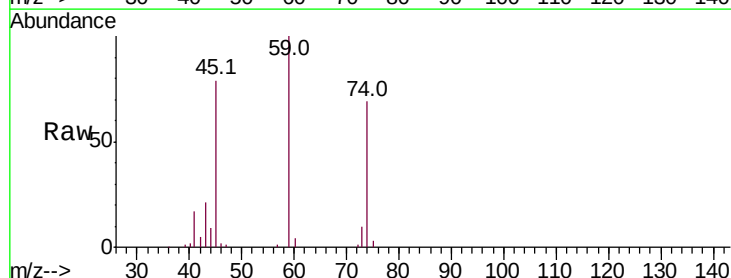
Tot Ion:101 Resp: 30171
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.7 76.1

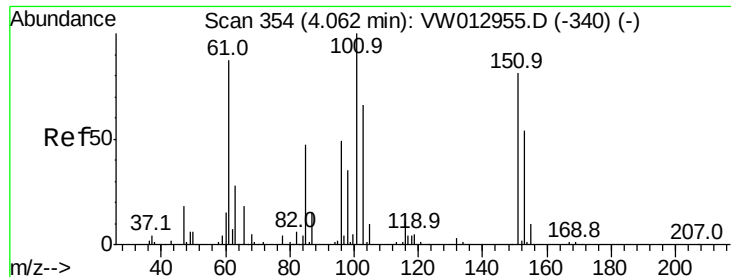


#8

Diethyl Ether
 Concen: 19.281 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 74 Resp: 26004
 Ion Ratio Lower Upper
 74 100
 45 111.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.050 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

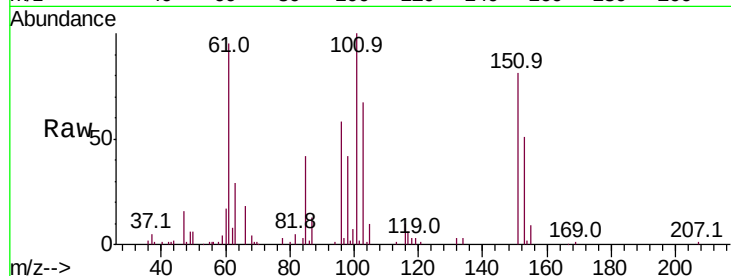
Tot Ion:101 Resp: 49905

Ion Ratio Lower Upper

101 100

85 44.7 34.9 52.3

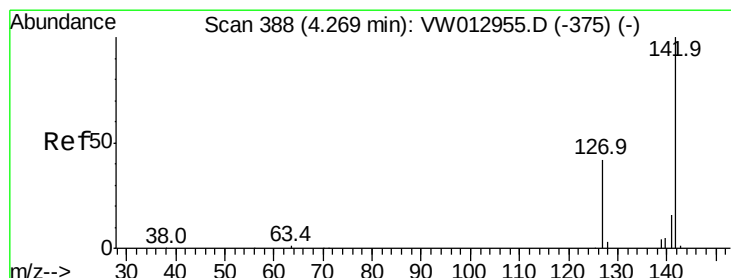
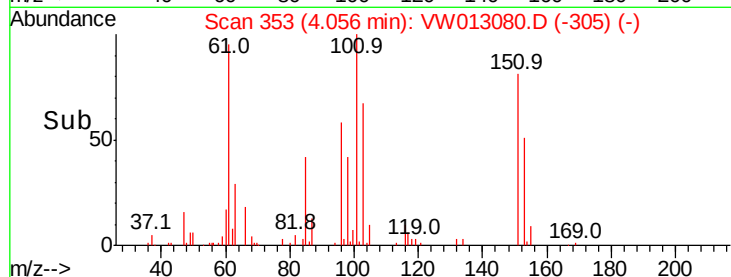
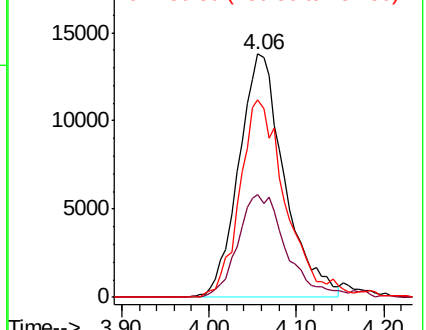
151 81.6 66.0 99.0



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: 20.786 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

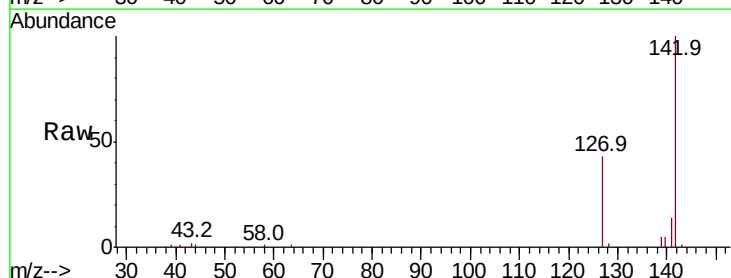
Tgt Ion:142 Resp: 68147

Ion Ratio Lower Upper

142 100

127 41.0 34.7 52.1

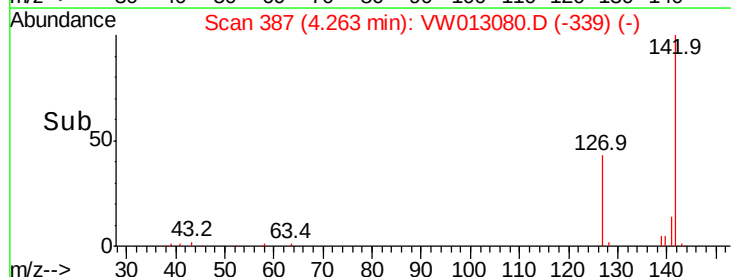
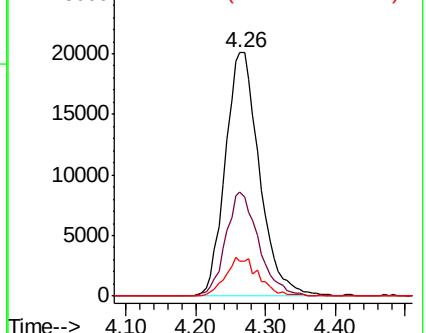
141 15.4 12.2 18.2

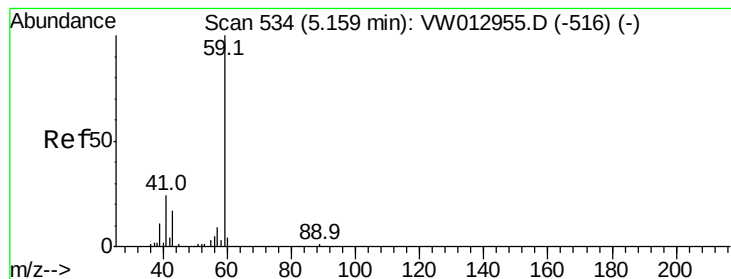


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 62.987 ug/l

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

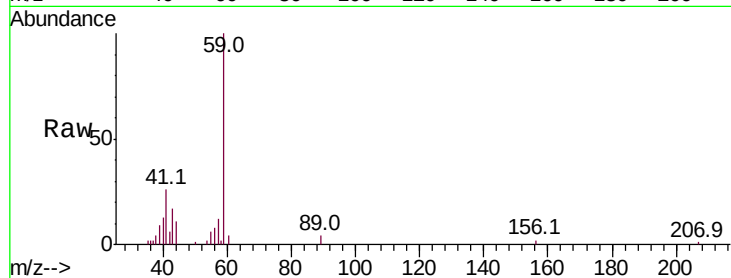
ClientSampled :

Tot Ion: 59 Resp: 16998

Ion Ratio Lower Upper

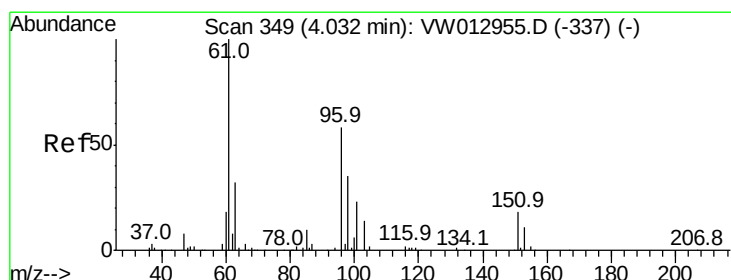
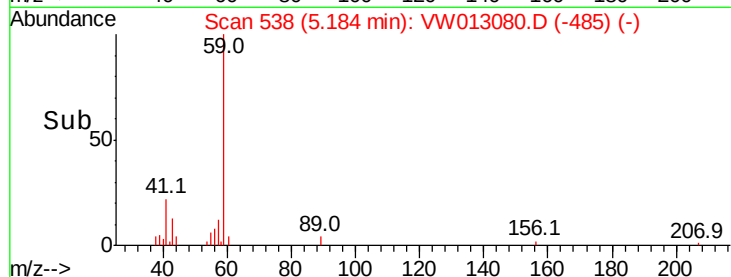
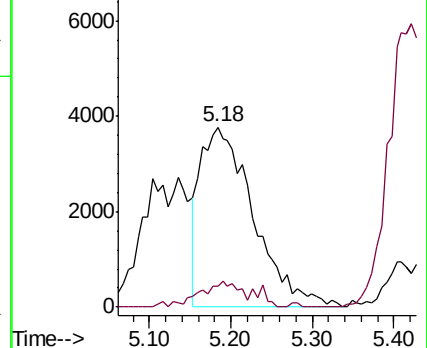
59 100

57 10.6 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 20.264 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

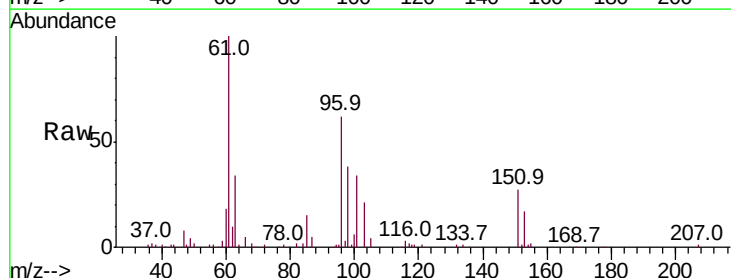
Tgt Ion: 96 Resp: 48268

Ion Ratio Lower Upper

96 100

61 162.3 137.9 206.9

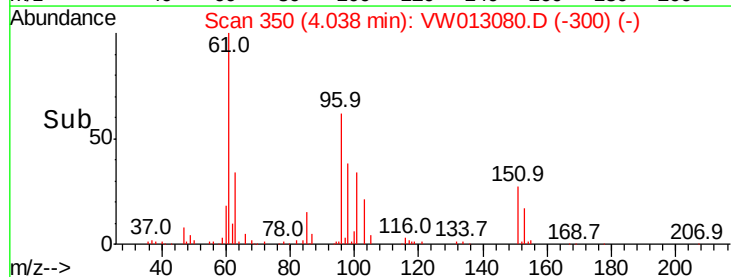
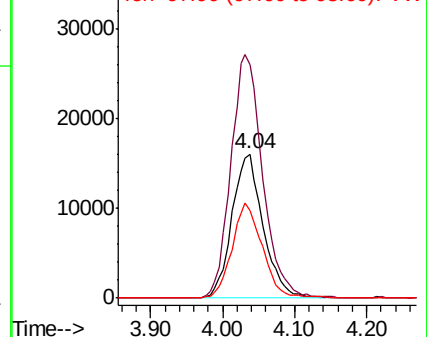
98 60.9 48.9 73.3

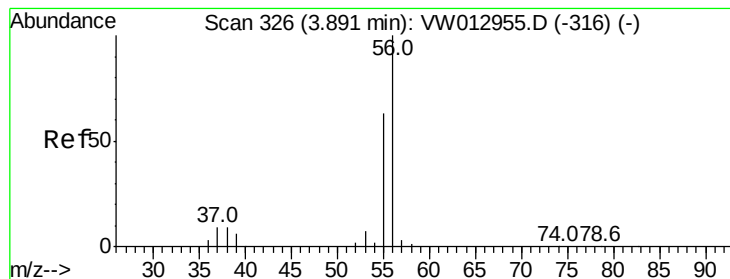


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 83.847 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

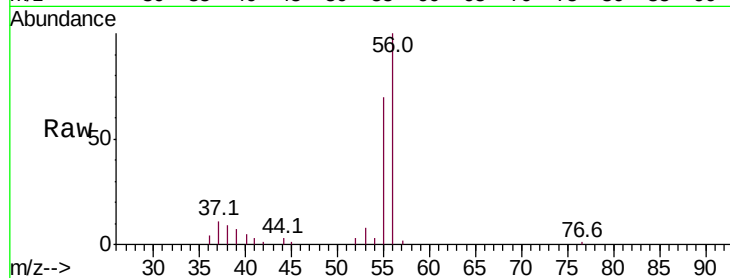
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 20794

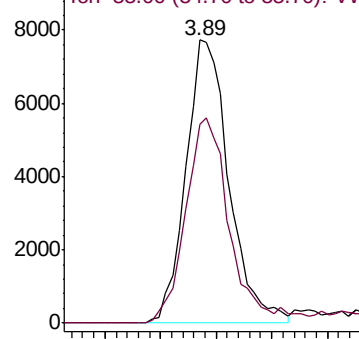
Ion Ratio Lower Upper

56 100

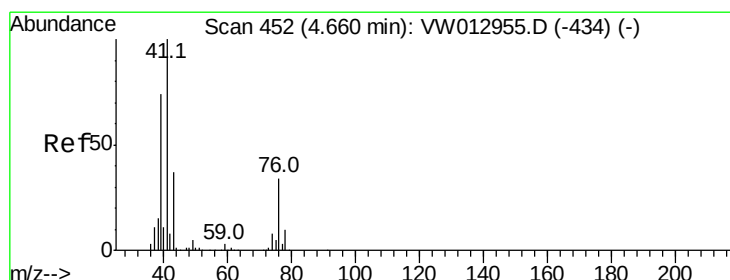
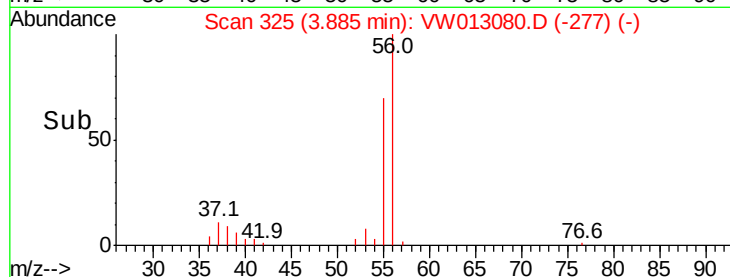
55 71.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 21.171 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

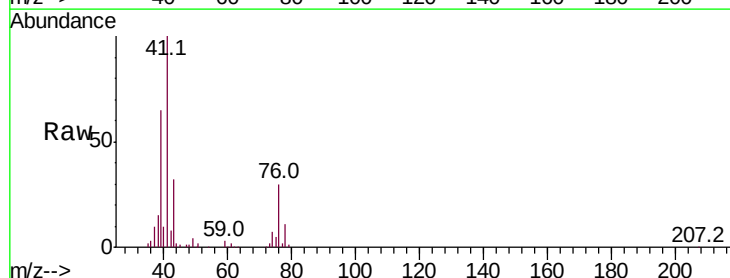
Tgt Ion: 41 Resp: 95732

Ion Ratio Lower Upper

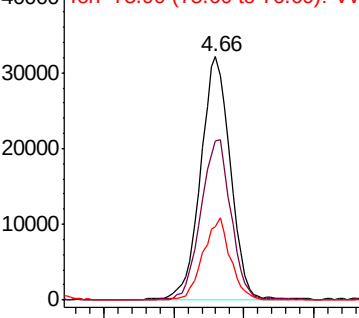
41 100

39 66.2 56.7 85.1

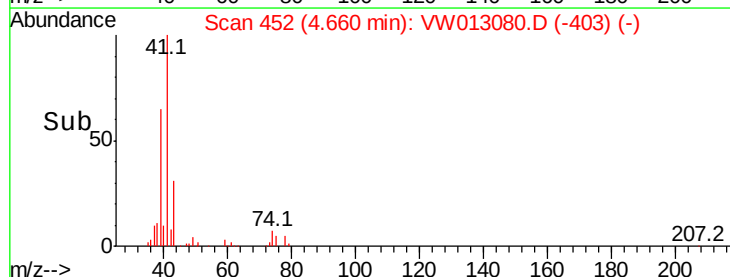
76 30.8 25.1 37.7

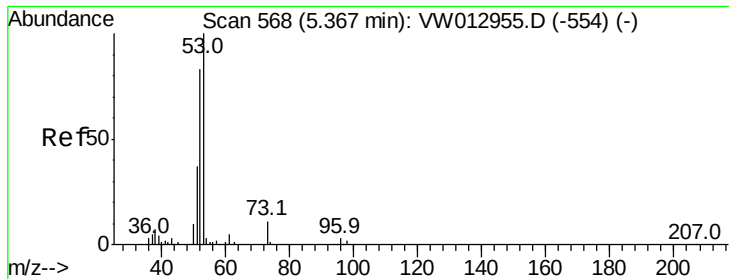


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 95.182 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampled :

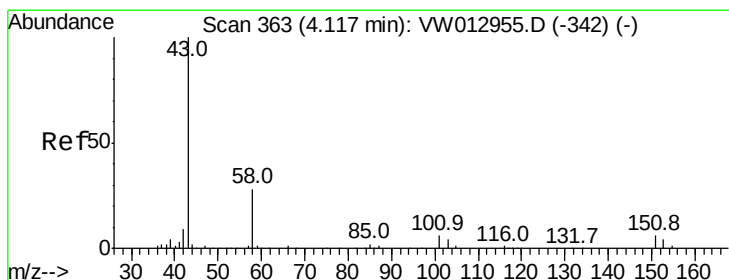
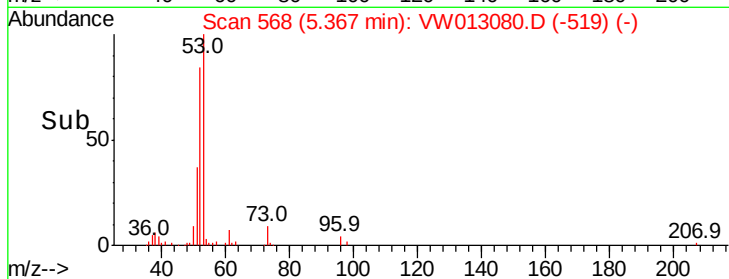
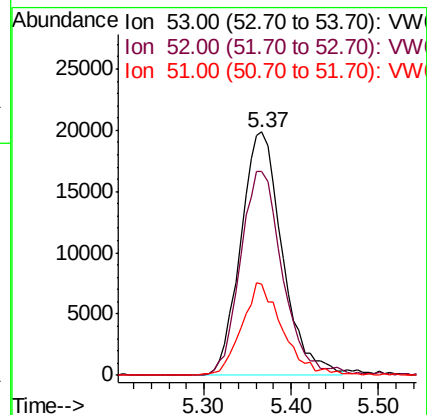
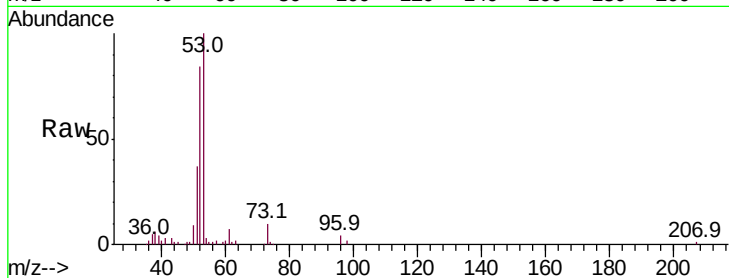
Tot Ion: 53 Resp: 65564

Ion Ratio Lower Upper

53 100

52 83.8 66.6 100.0

51 37.4 29.8 44.8



#16

Acetone

Concen: 74.704 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW013080.D

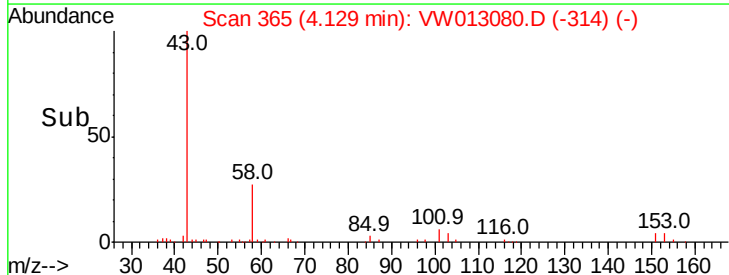
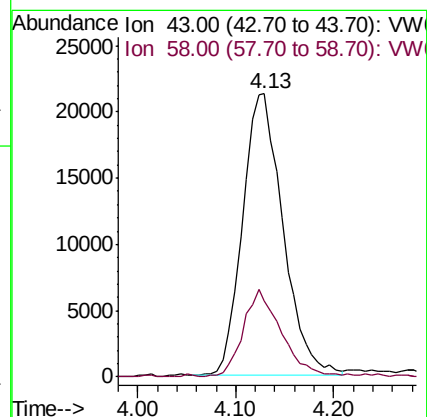
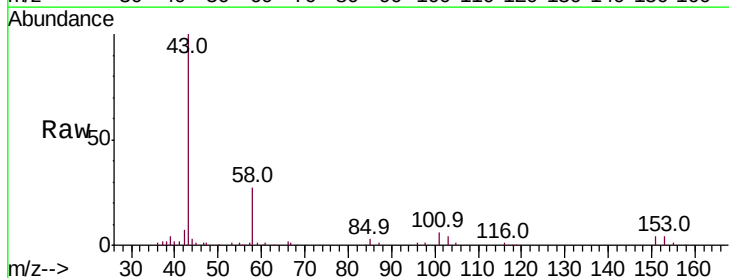
Acq: 17 Sep 2019 10:53

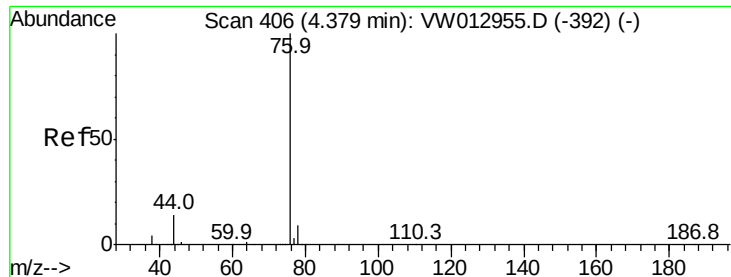
Tgt Ion: 43 Resp: 61141

Ion Ratio Lower Upper

43 100

58 26.5 22.3 33.5

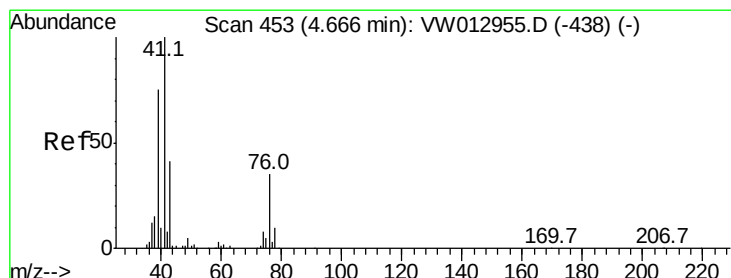
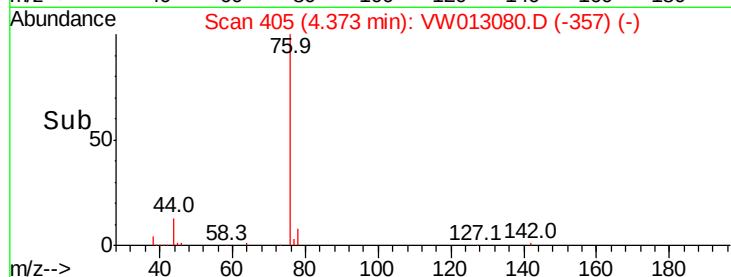
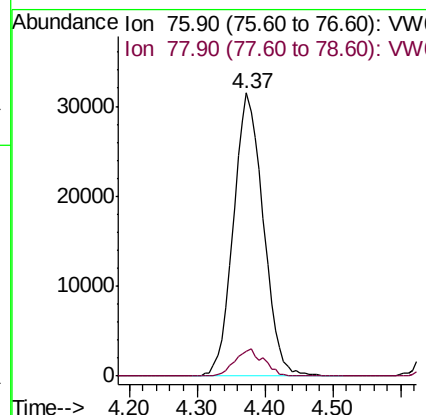
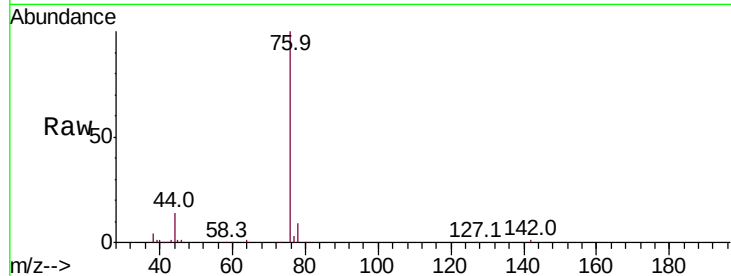




#17
Carbon Disulfide
Concen: 20.158 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

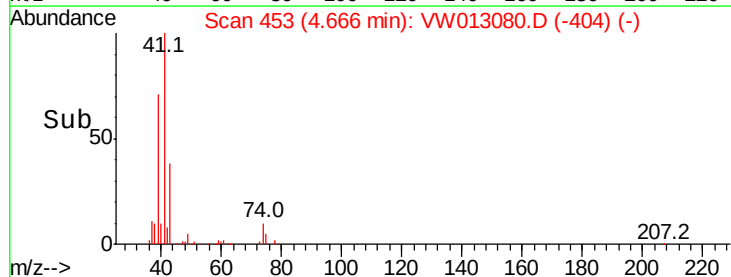
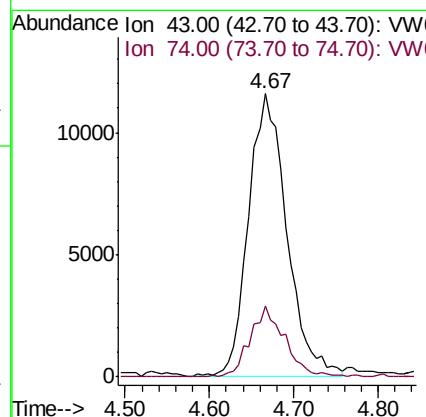
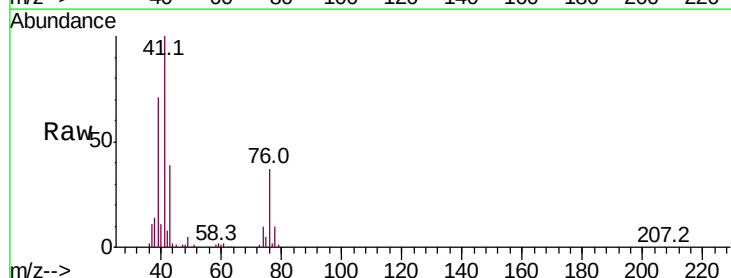
Instrument :
MSVOA_W
ClientSampleId :

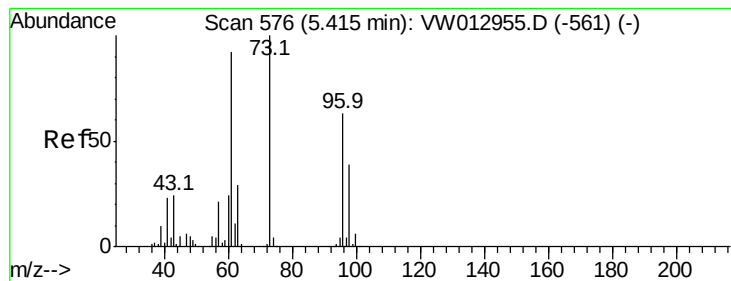
Tot Ion: 76 Resp: 95685
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 19.859 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 43 Resp: 36058
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8



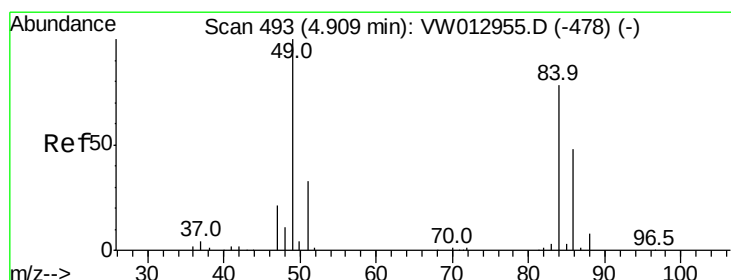
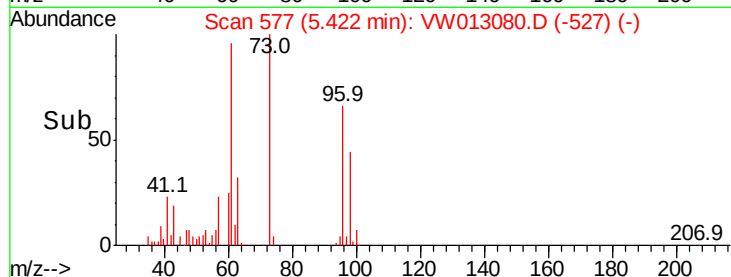
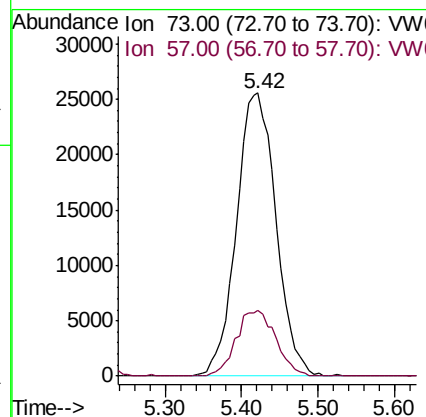
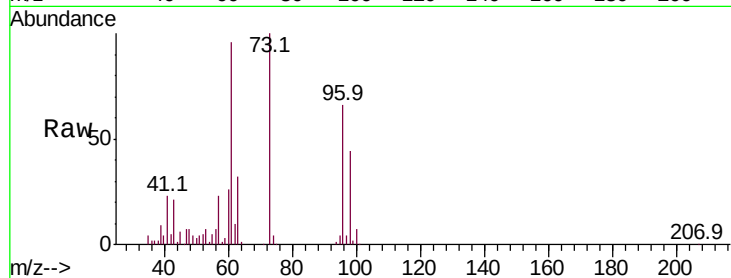


#19

Methyl tert-butyl Ether
 Concen: 19.485 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampled :

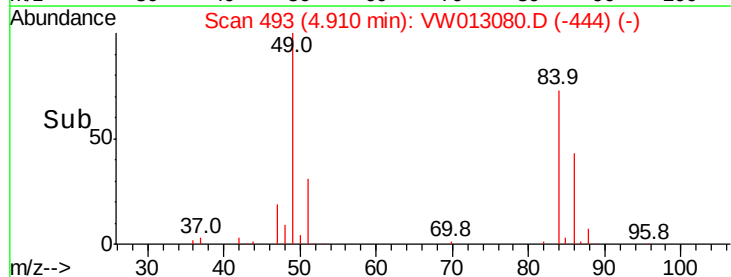
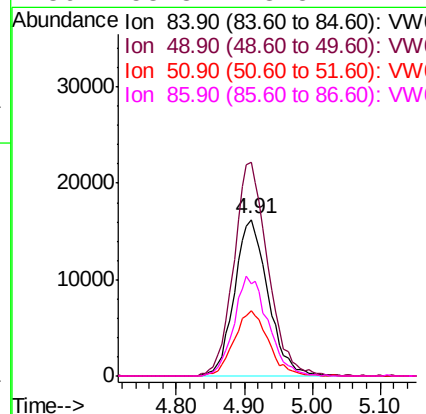
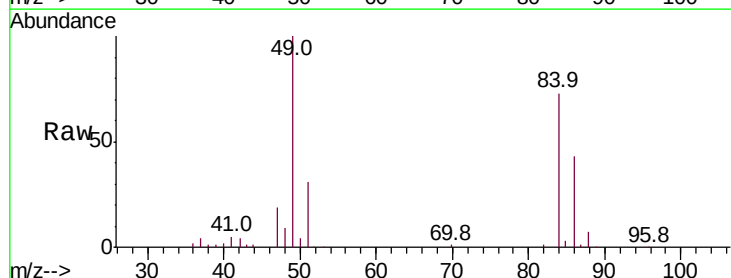
Tot Ion: 73 Resp: 91613
 Ion Ratio Lower Upper
 73 100
 57 23.2 16.4 24.6

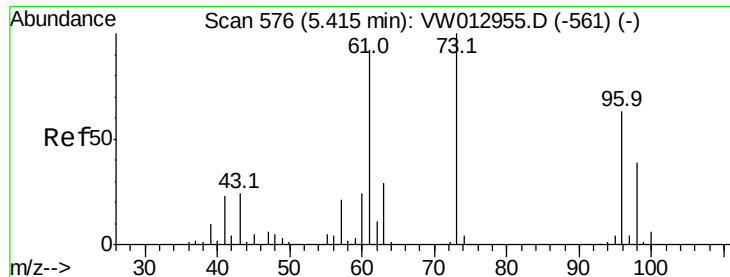


#20

Methylene Chloride
 Concen: 18.391 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 84 Resp: 55795
 Ion Ratio Lower Upper
 84 100
 49 136.8 102.0 153.0
 51 41.8 34.0 51.0
 86 58.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.770 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :

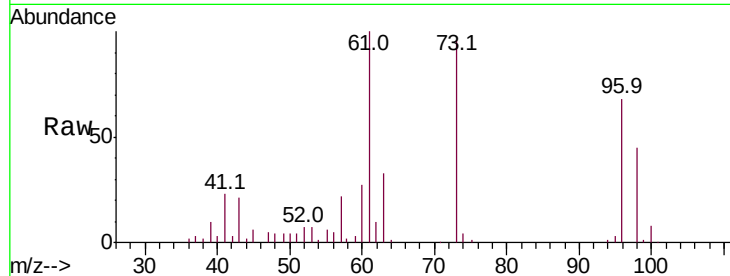
Tot Ion: 96 Resp: 52987

Ion Ratio Lower Upper

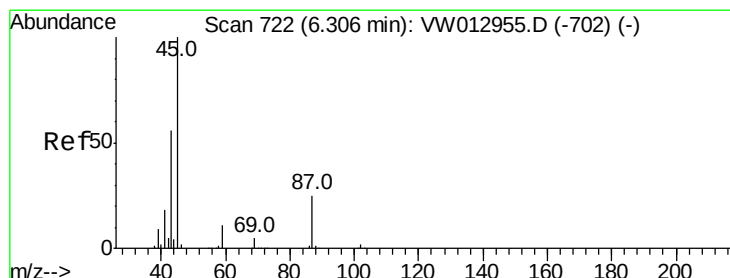
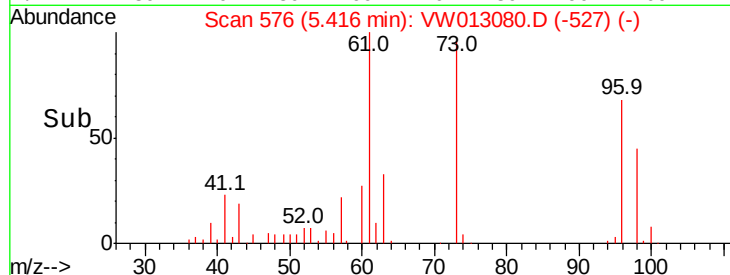
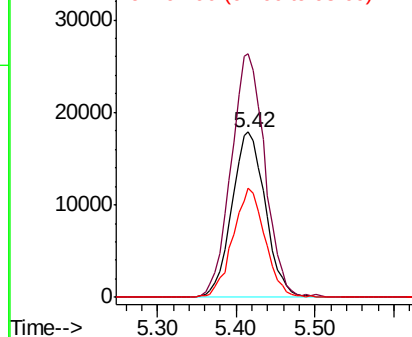
96 100

61 147.1 116.2 174.2

98 65.9 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: 20.926 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion: 45 Resp: 196583

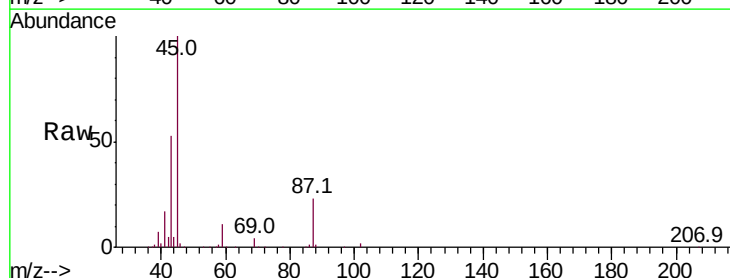
Ion Ratio Lower Upper

45 100

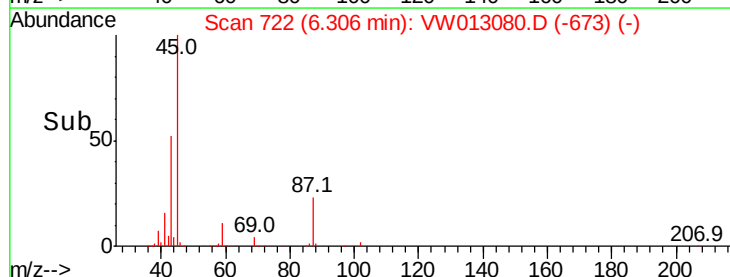
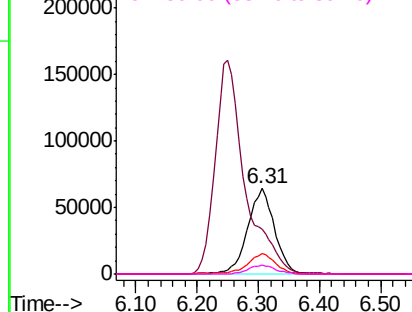
43 52.1 44.6 67.0

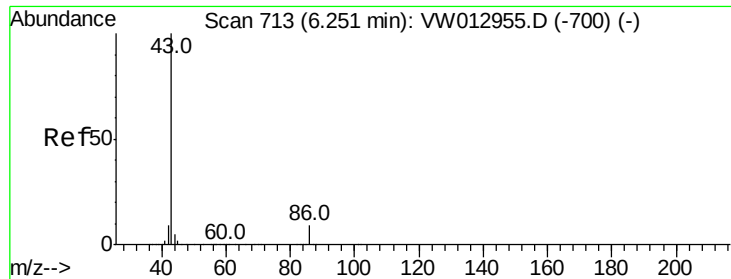
87 23.3 20.0 30.0

59 10.9 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

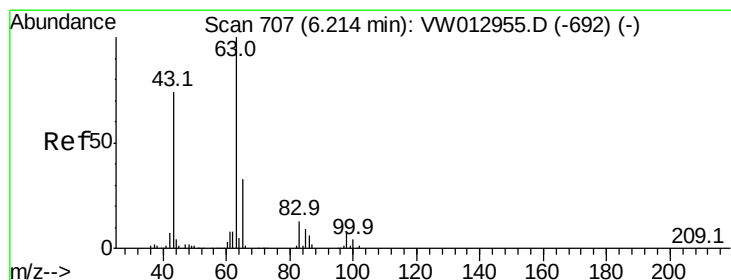
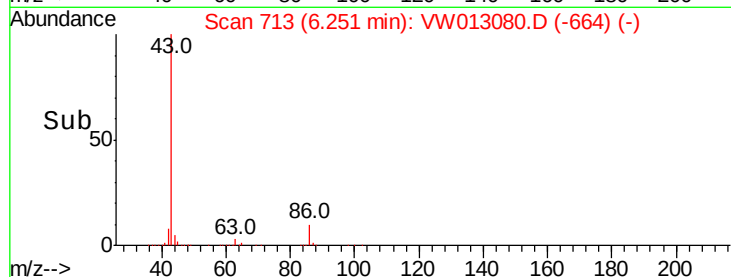
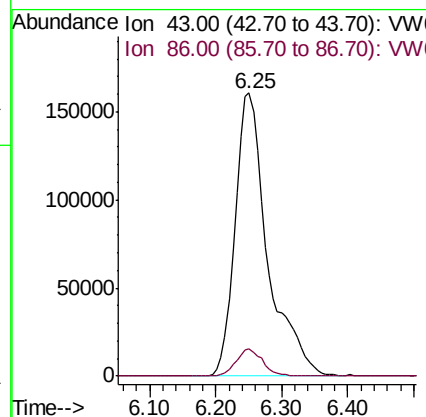
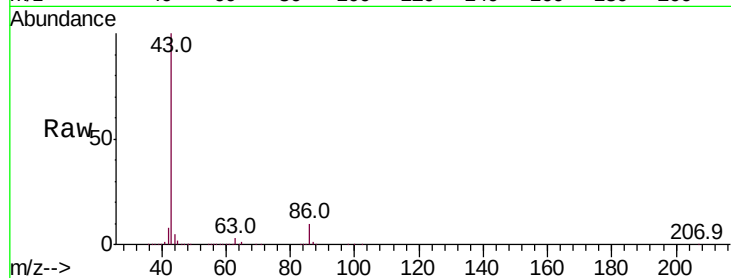




#23
 Vinyl Acetate
 Concen: 97.353 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

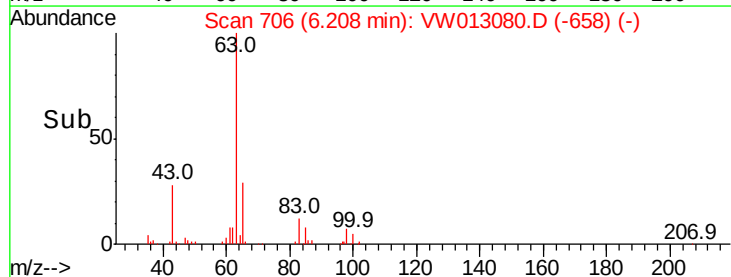
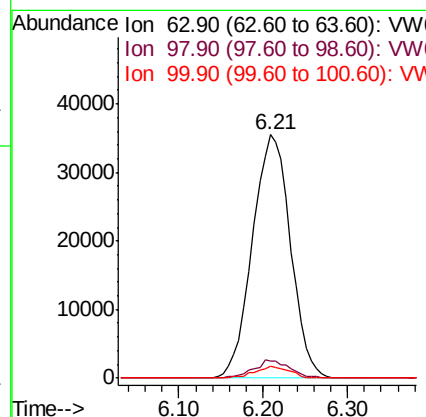
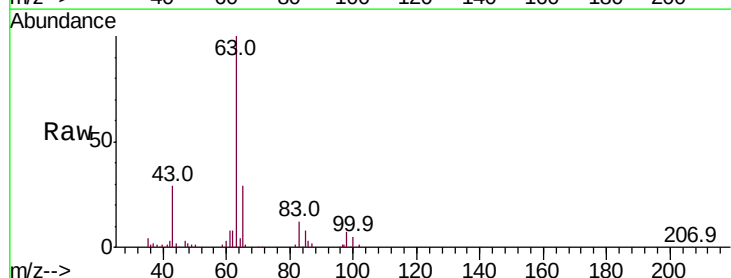
Instrument :
 MSVOA_W
 ClientSampleId :

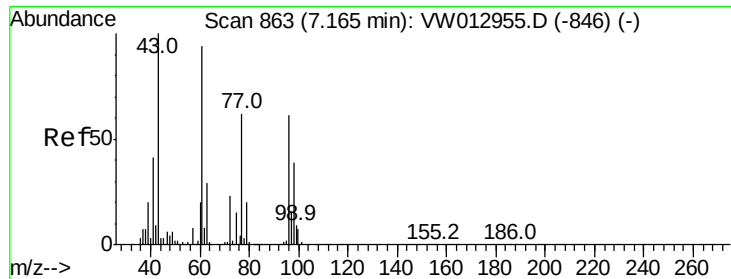
Tot Ion: 43 Resp: 547750
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.0 10.6



#24
 1,1-Dichloroethane
 Concen: 20.192 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 63 Resp: 109365
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 93.912 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

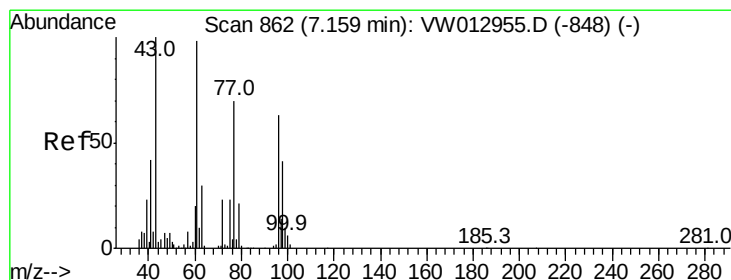
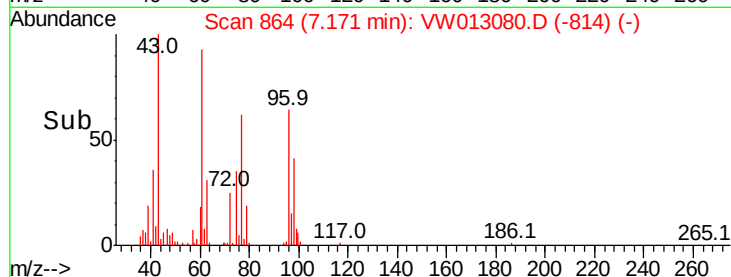
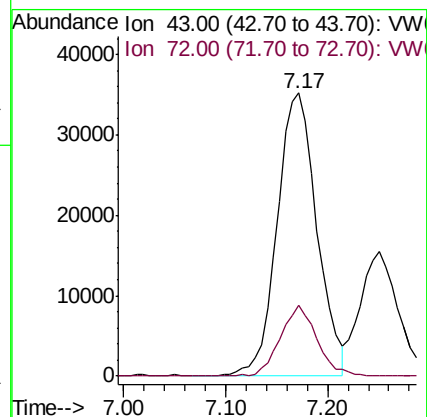
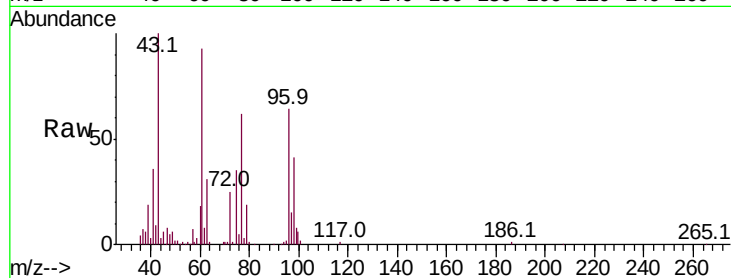
ClientSampled :

Tot Ion: 43 Resp: 95171

Ion Ratio Lower Upper

43 100

72 25.1 18.2 27.4



#26

2,2-Dichloropropane

Concen: 18.767 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013080.D

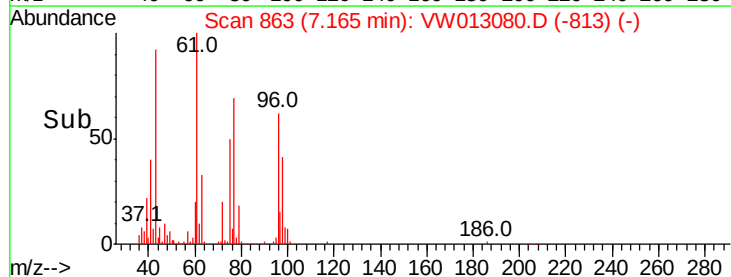
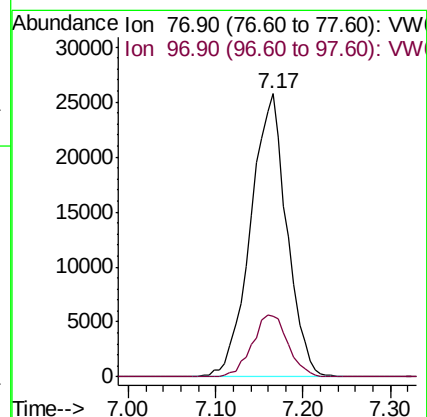
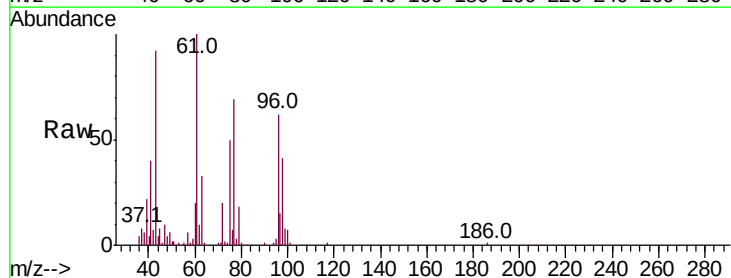
Acq: 17 Sep 2019 10:53

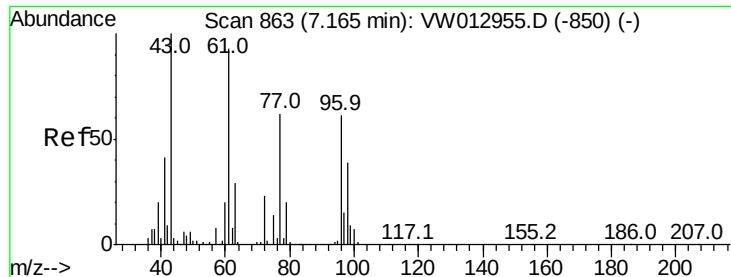
Tgt Ion: 77 Resp: 73818

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1



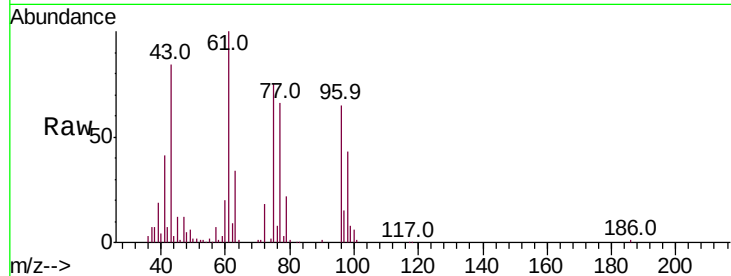


#27

cis-1,2-Dichloroethene
 Concen: 20.375 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	96	Resp	62232
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	315.4
98	65.7	0.0	131.0

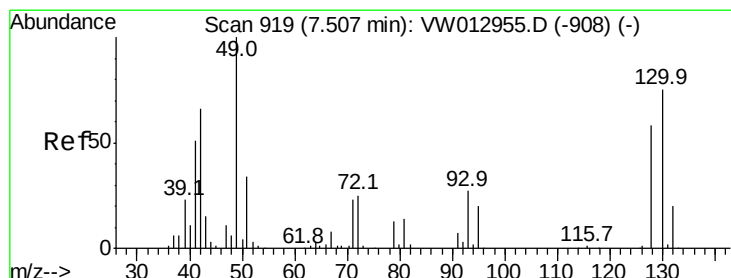
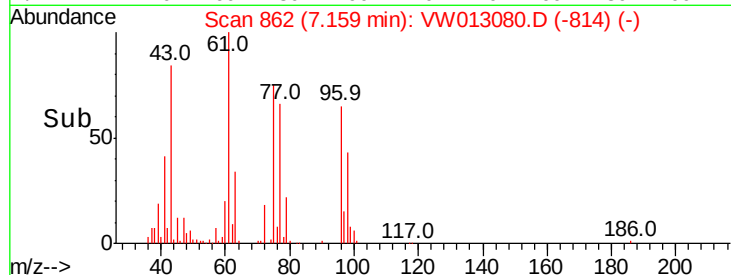
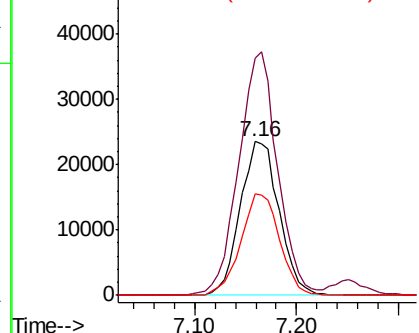


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

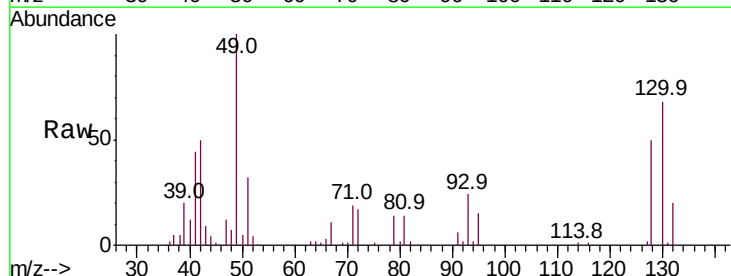
Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane
 Concen: 19.416 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	49	Resp	44263
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	70.6	57.8	86.6

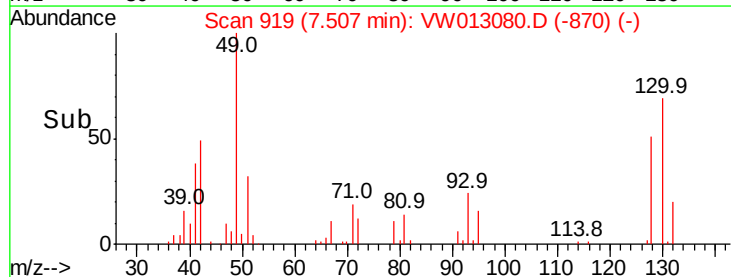
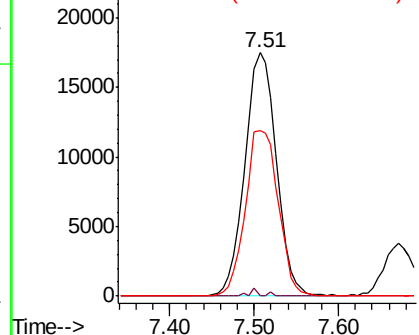


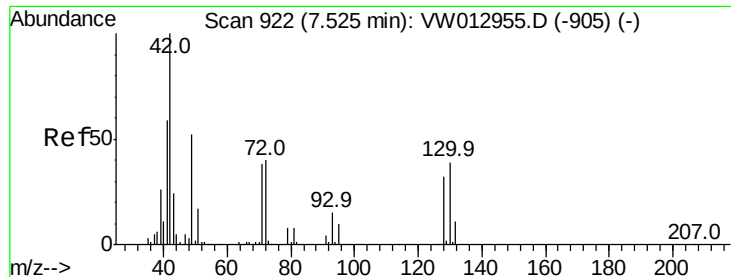
Abundance

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

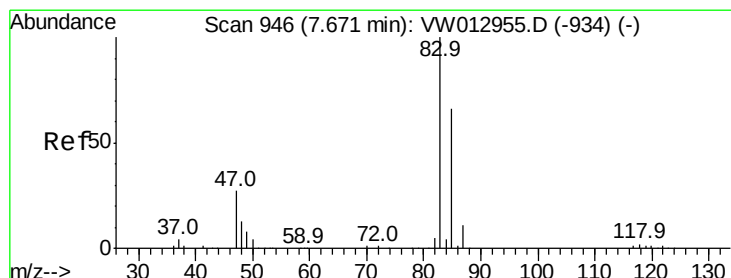
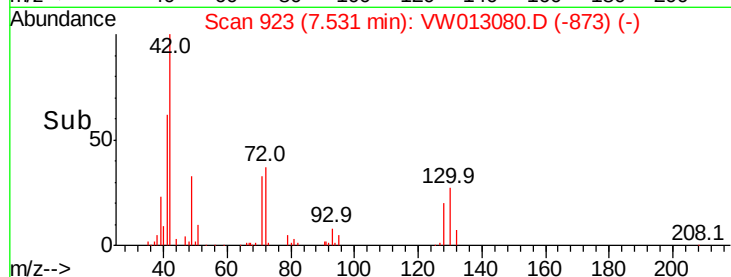
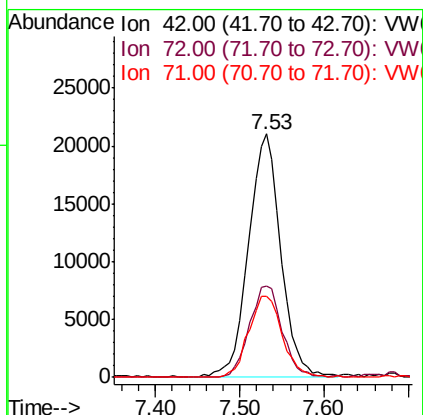
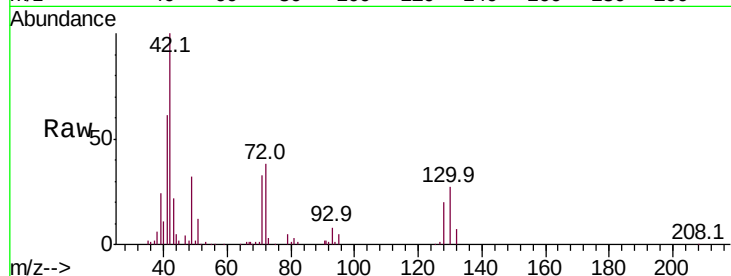




#29
Tetrahydrofuran
Concen: 94.992 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

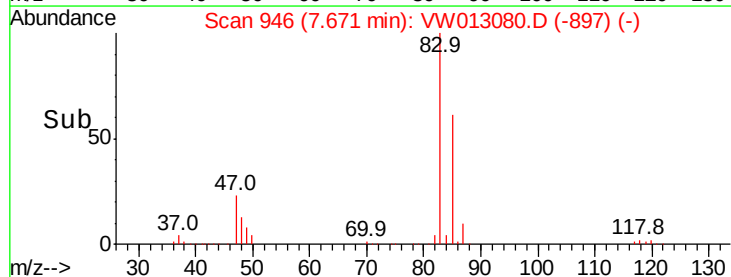
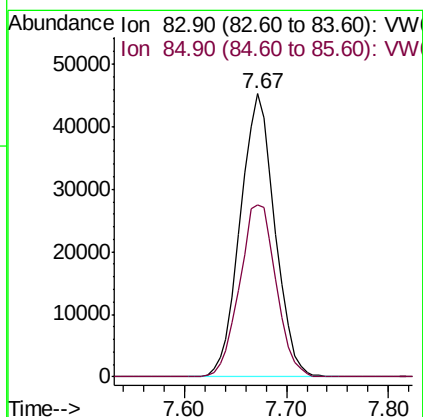
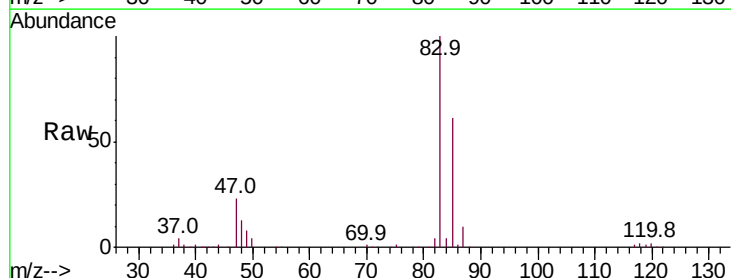
Instrument :
MSVOA_W
ClientSampled :

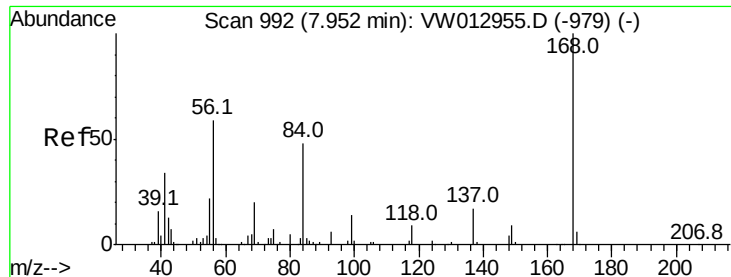
Tot Ion: 42 Resp: 54850
Ion Ratio Lower Upper
42 100
72 38.2 31.4 47.0
71 34.8 29.8 44.8



#30
Chloroform
Concen: 19.375 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 83 Resp: 106625
Ion Ratio Lower Upper
83 100
85 60.6 52.8 79.2

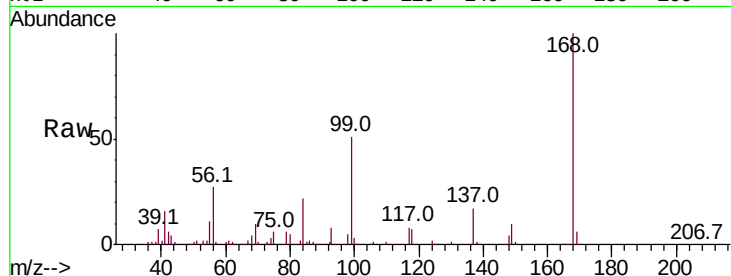




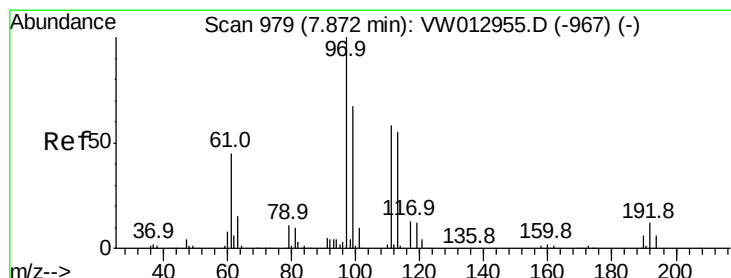
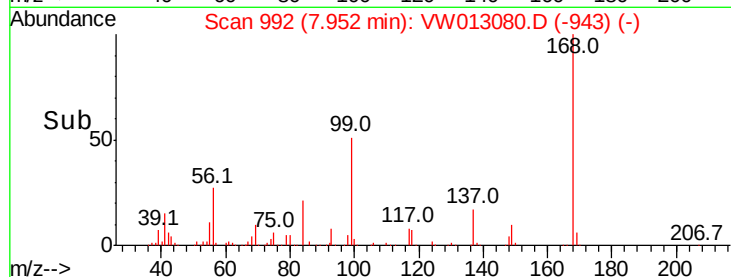
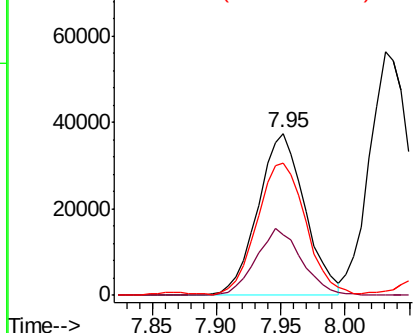
#31
Cyclohexane
Concen: 20.793 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 94636
Ion Ratio Lower Upper
56 100
69 37.0 27.0 40.6
84 80.2 66.2 99.2

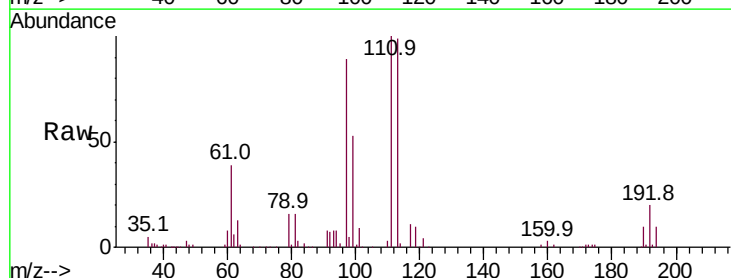


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

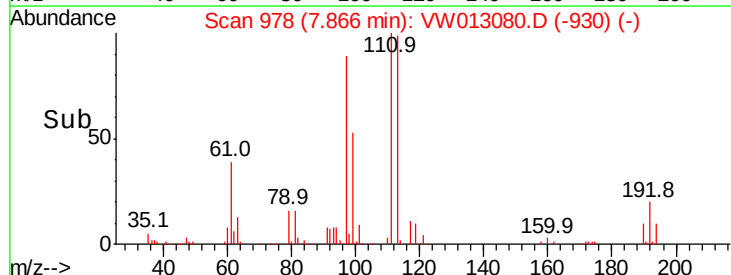
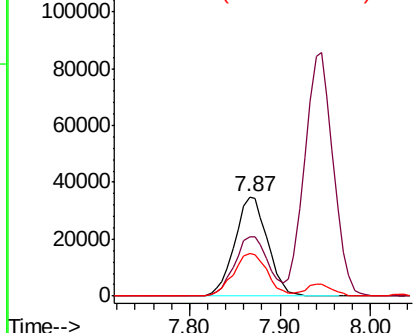


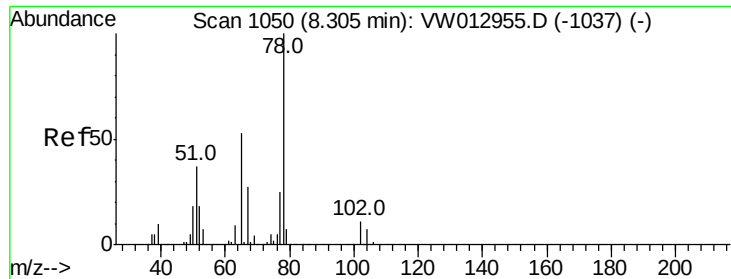
#32
1,1,1-Trichloroethane
Concen: 19.305 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 97 Resp: 87494
Ion Ratio Lower Upper
97 100
99 61.8 53.0 79.4
61 45.0 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

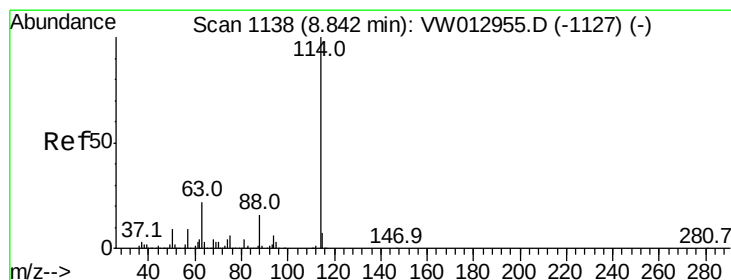
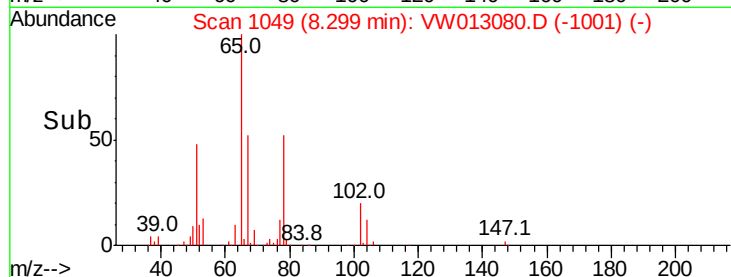
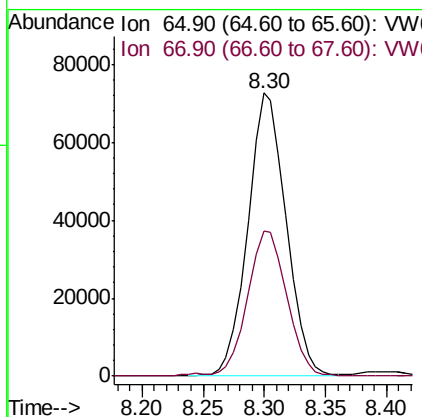
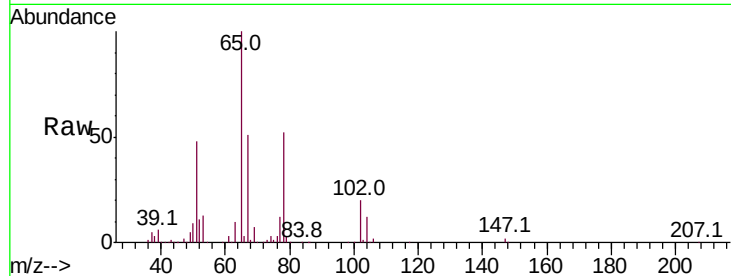




#33
 1,2-Dichloroethane-d4
 Concen: 49.581 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

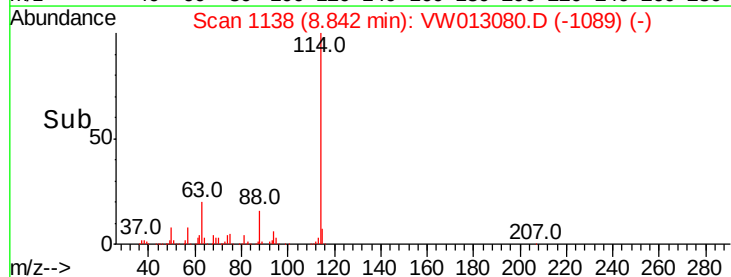
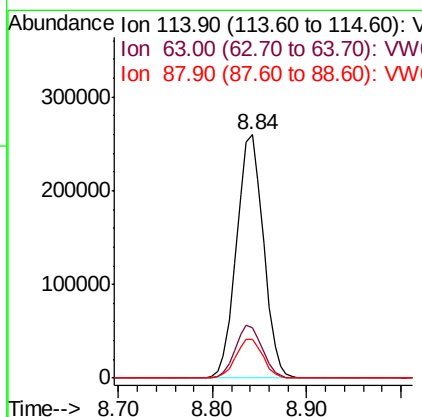
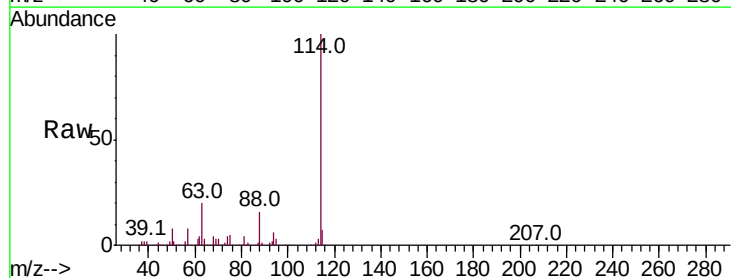
Instrument :
 MSVOA_W
 ClientSampleId :

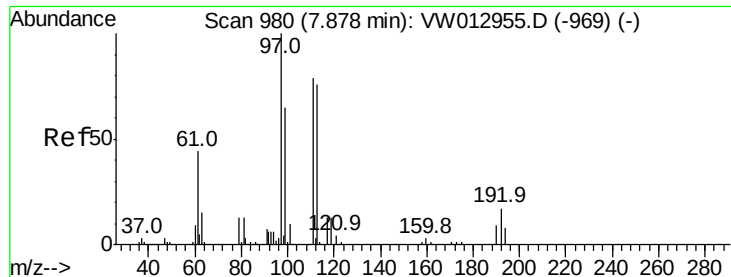
Tot Ion: 65 Resp: 158017
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 114 Resp: 516155
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.4
 88 16.1 0.0 31.6

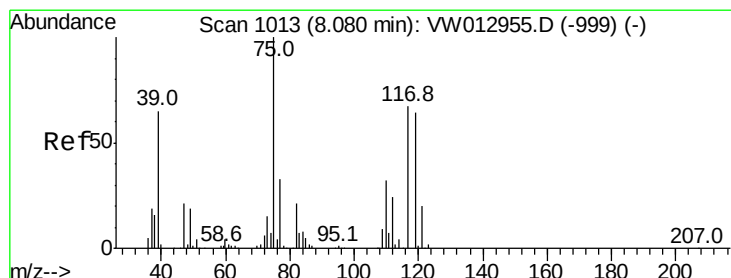
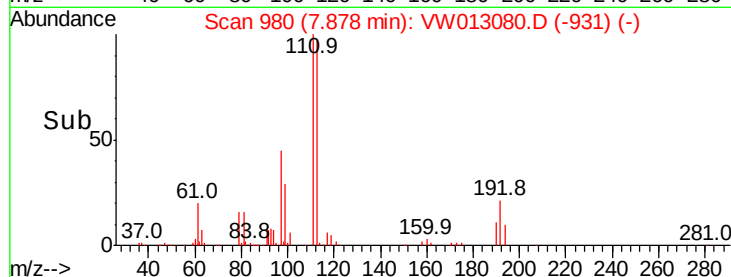
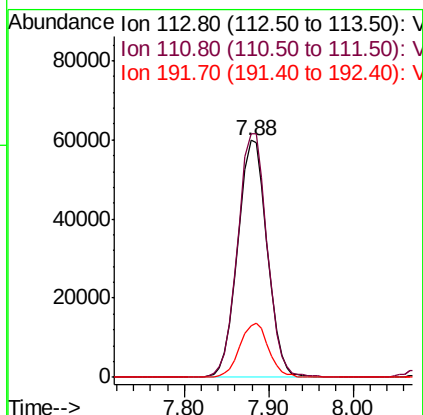
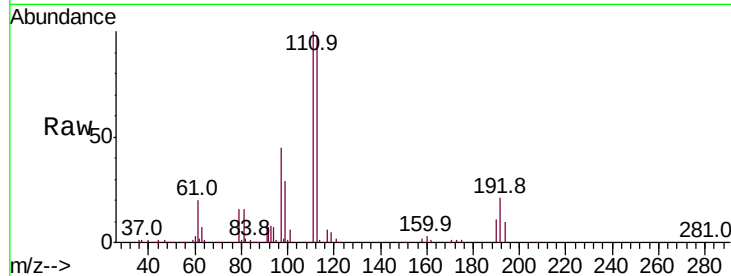




#35
 Dibromofluoromethane
 Concen: 50.448 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

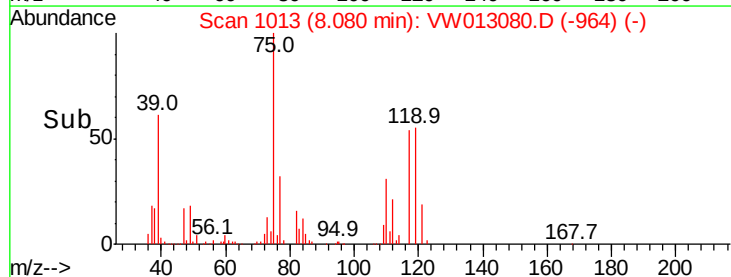
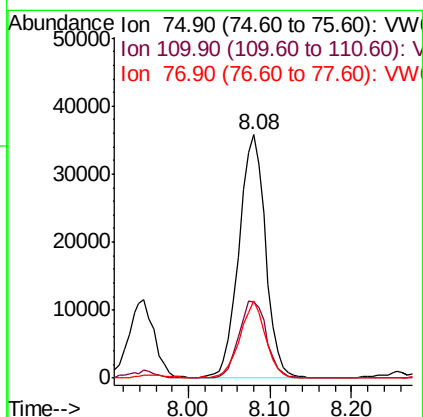
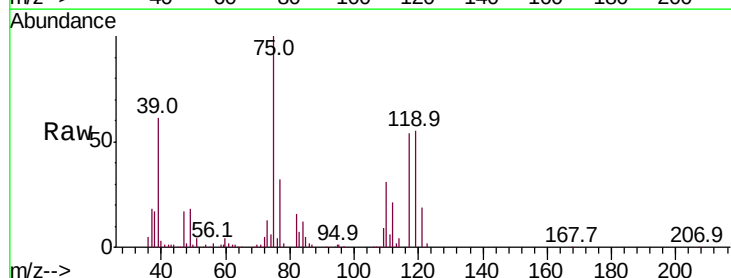
Instrument :
 MSVOA_W
 ClientSampleId :

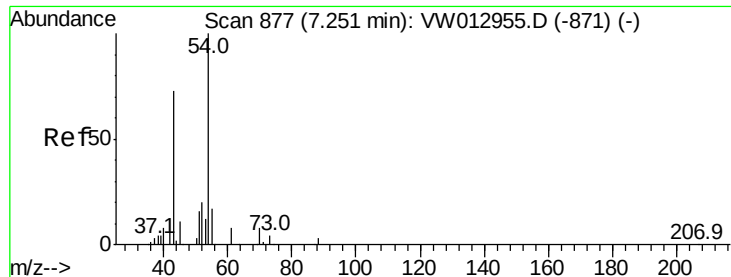
Tot Ion:113 Resp: 141290
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.8 124.2
 192 22.4 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 19.589 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 75 Resp: 80794
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.4 49.1
 77 30.6 25.1 37.7

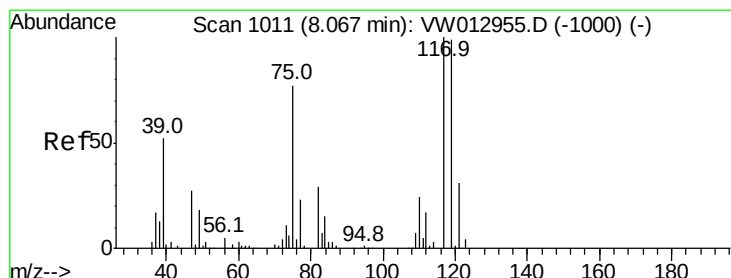
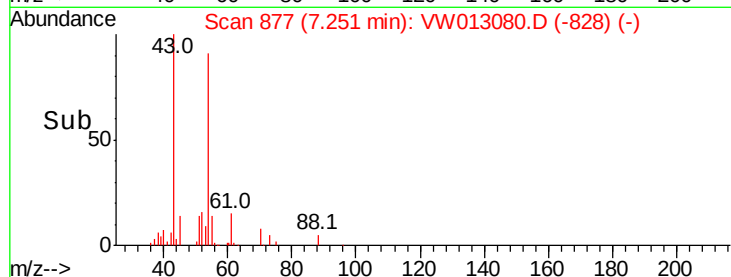
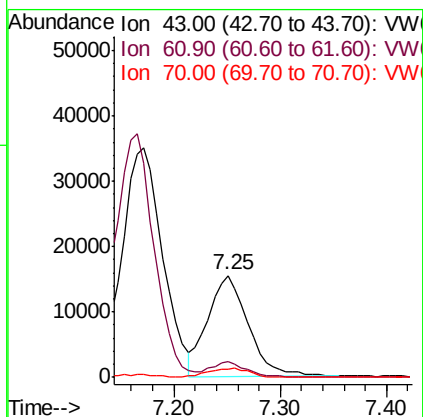
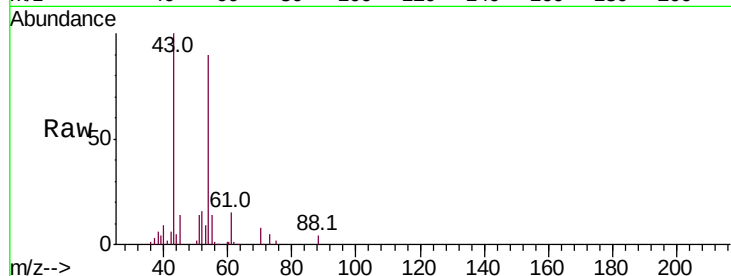




#37
Ethyl Acetate
Concen: 18.693 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

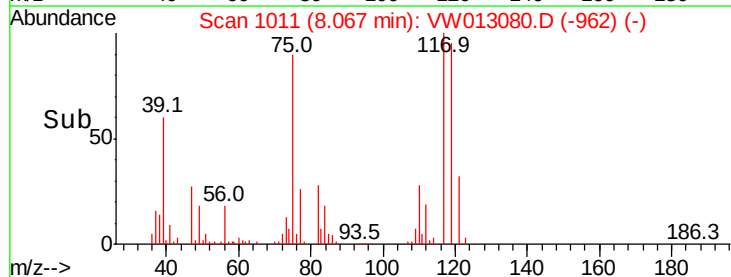
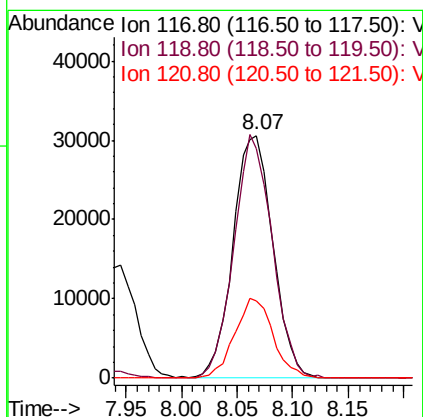
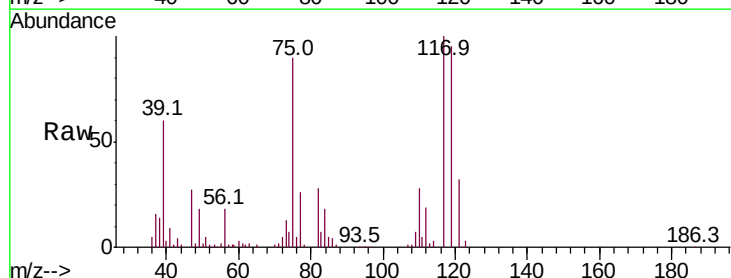
Instrument :
MSVOA_W
ClientSampled :

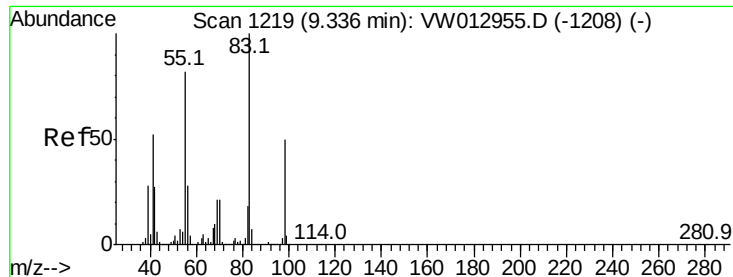
Tot Ion: 43 Resp: 40924
Ion Ratio Lower Upper
43 100
61 13.9 9.6 14.4
70 9.7 7.6 11.4



#38
Carbon Tetrachloride
Concen: 18.045 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 117 Resp: 76270
Ion Ratio Lower Upper
117 100
119 94.7 79.4 119.0
121 31.8 24.6 36.8

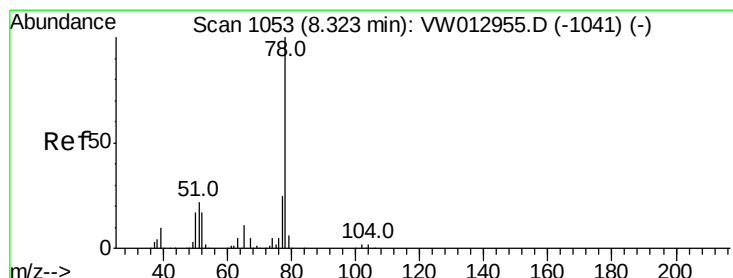
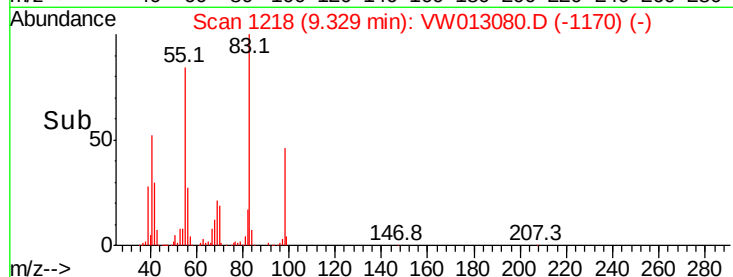
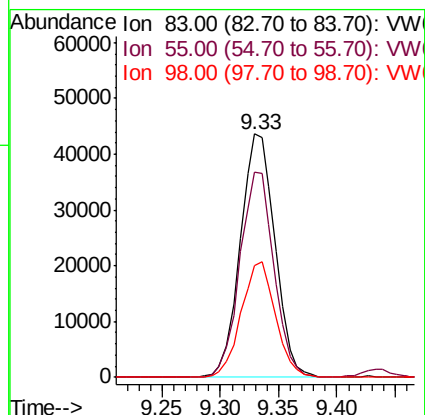
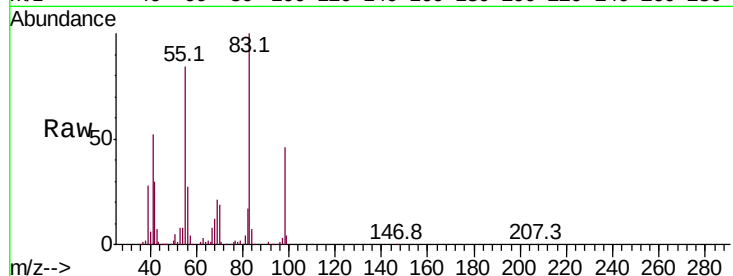




#39
Methylvlcyclohexane
Concen: 20.050 ug/l
RT: 9.33 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

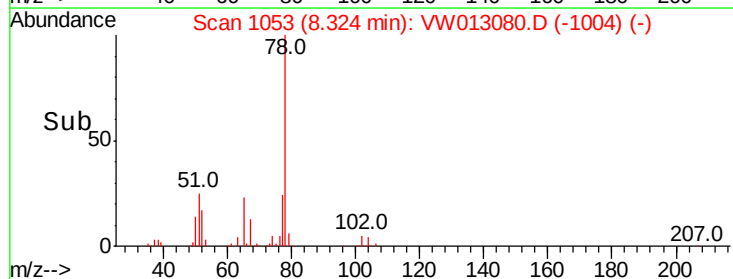
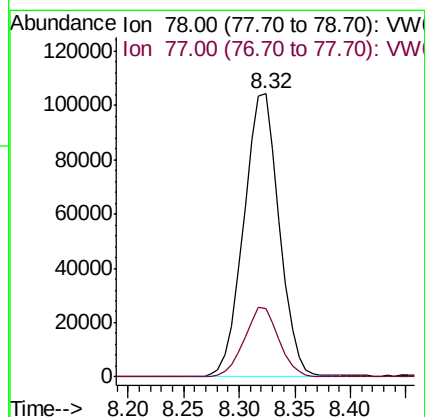
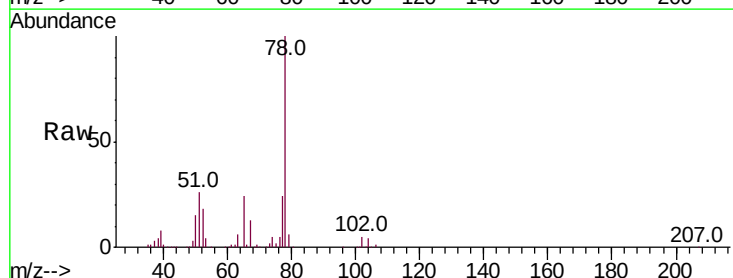
Instrument :
MSVOA_W
ClientSampled :

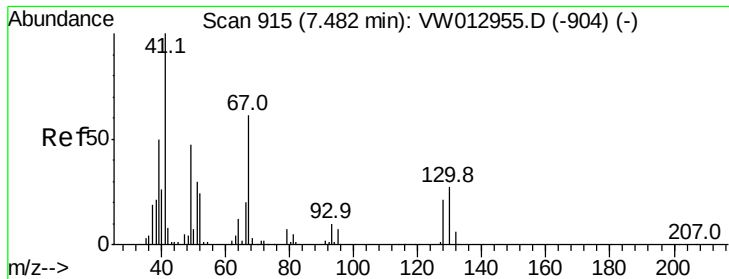
Tot Ion	83	Resp	90618
Ion Ratio	100	Lower	Upper
55	84.3	65.9	98.9
98	46.1	39.6	59.4



#40
Benzene
Concen: 20.107 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	78	Resp	231522
Ion Ratio	100	Lower	Upper
77	24.0	19.6	29.4

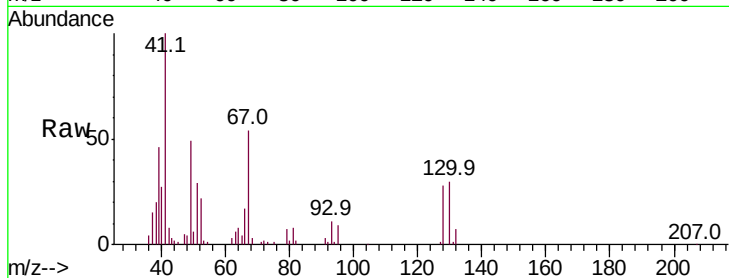




#41
Methacrylonitrile
Concen: 17.207 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	24807
Ion	Ratio	Lower	Upper
41	100		
39	56.5	48.2	72.4
67	61.9	47.5	71.3
52	26.1	21.0	31.4



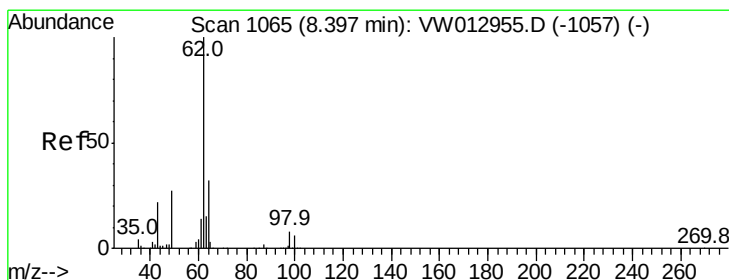
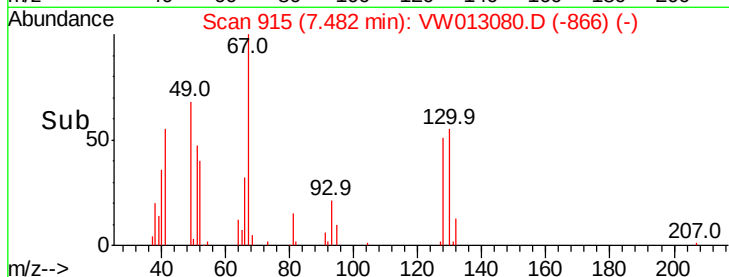
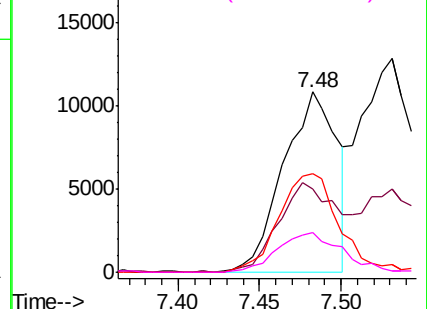
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

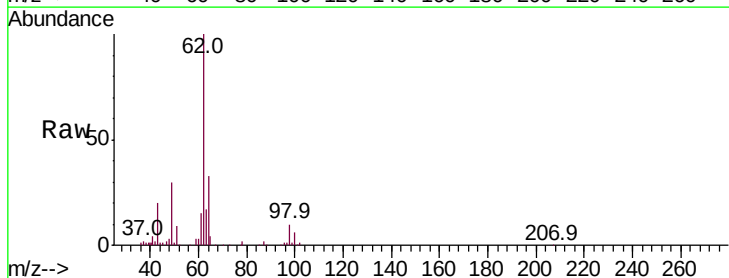
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 18.370 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

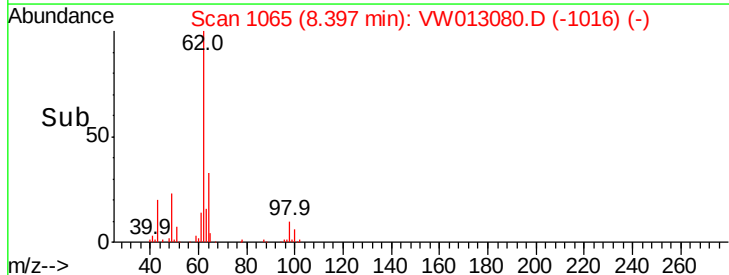
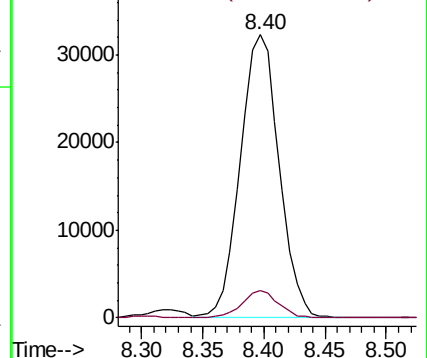
Tgt Ion:	62	Resp:	70905
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.8

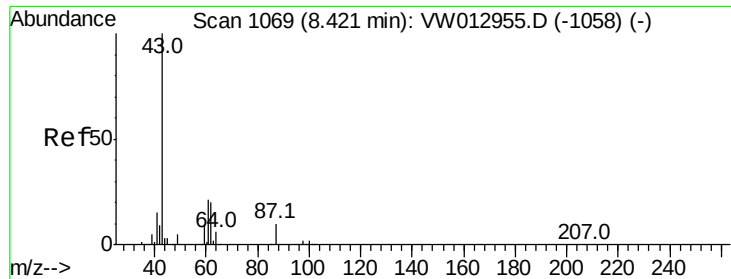


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.066 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

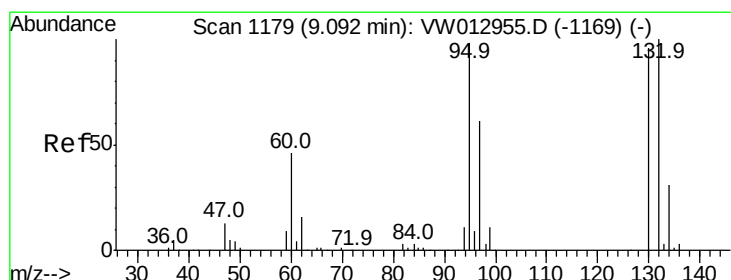
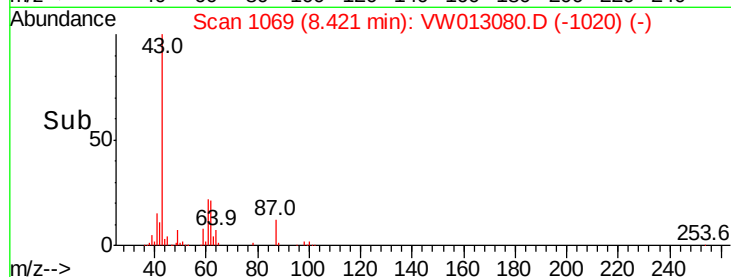
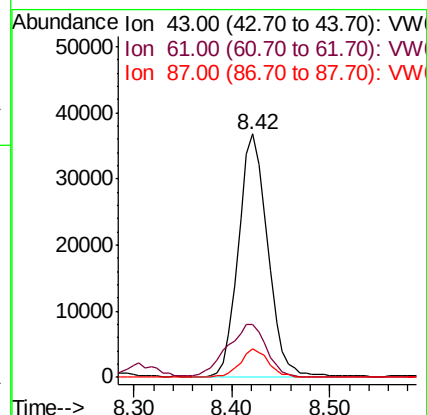
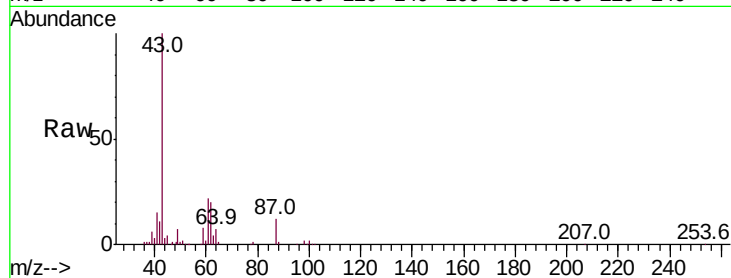
Tot Ion: 43 Resp: 75941

Ion Ratio Lower Upper

43 100

61 29.1 22.7 34.1

87 11.7 9.4 14.2



#44

Trichloroethene

Concen: 19.393 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013080.D

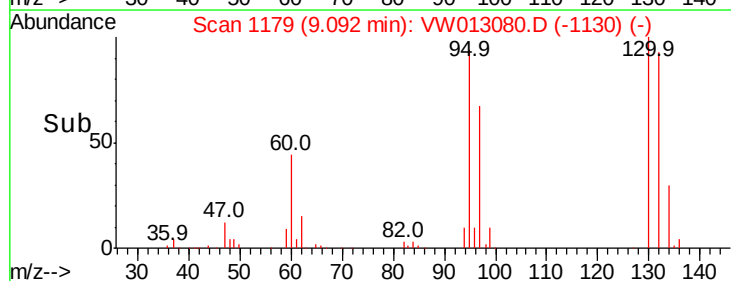
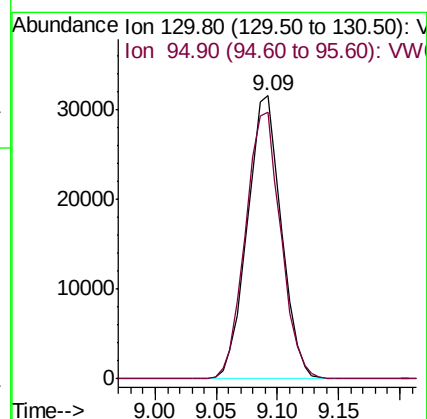
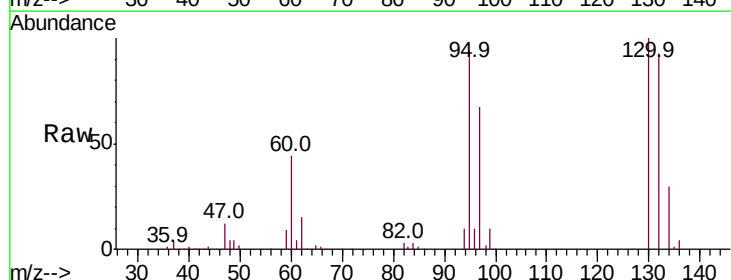
Acq: 17 Sep 2019 10:53

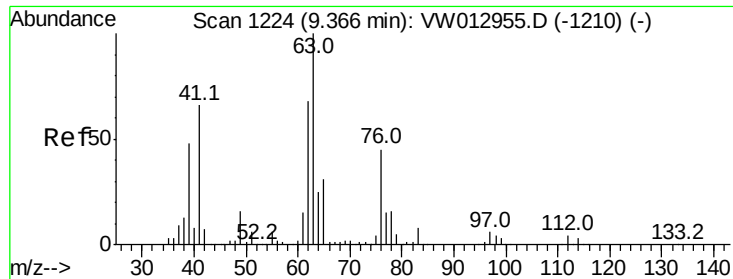
Tgt Ion: 130 Resp: 61164

Ion Ratio Lower Upper

130 100

95 94.0 0.0 204.4

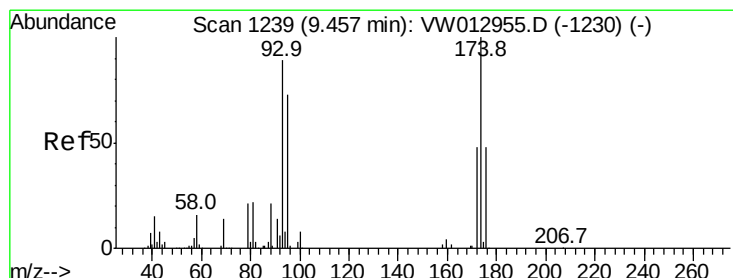
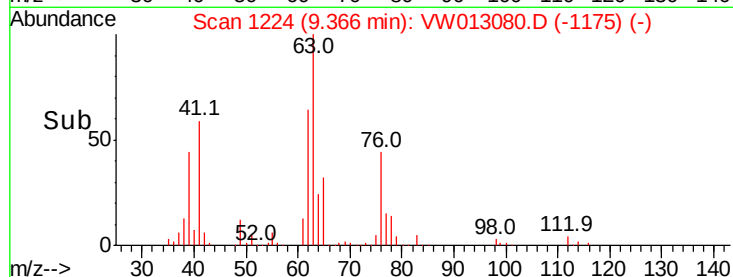
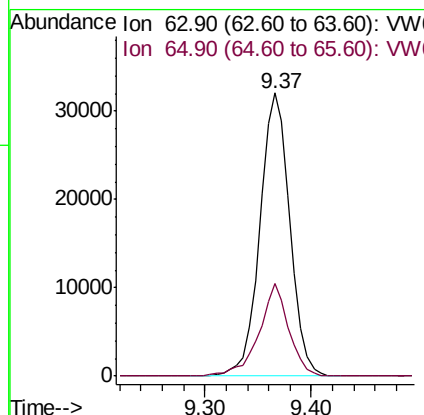
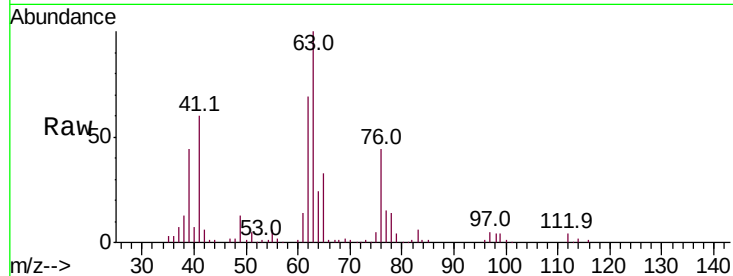




#45
 1,2-Dichloropropane
 Concen: 20.582 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

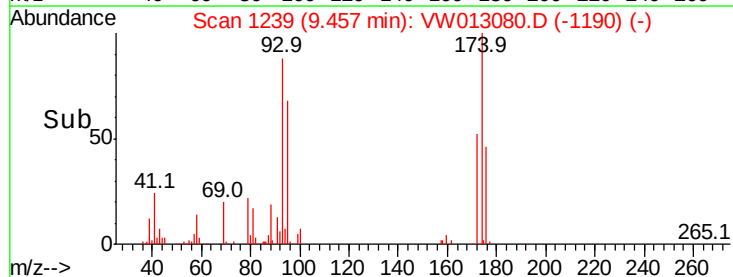
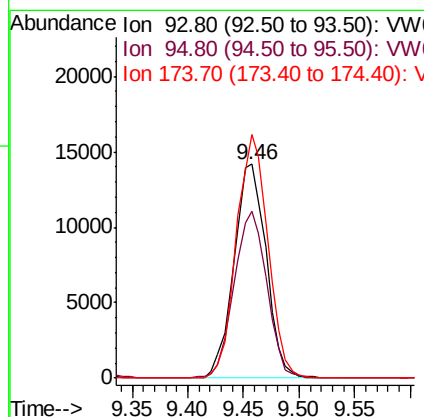
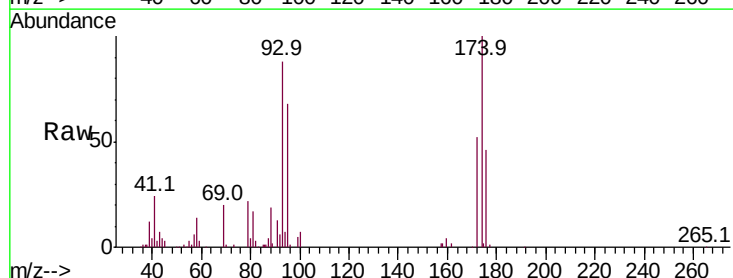
Instrument :
 MSVOA_W
 ClientSampled :

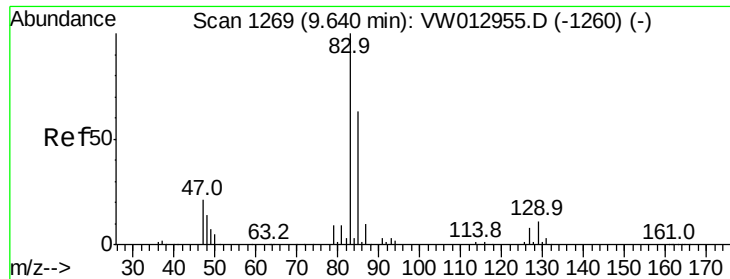
Tot Ion: 63 Resp: 62964
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 37.0



#46
 Dibromomethane
 Concen: 19.378 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 93 Resp: 28402
 Ion Ratio Lower Upper
 93 100
 95 79.4 67.0 100.4
 174 111.5 90.5 135.7





#47

Bromodichloromethane

Concen: 18.708 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampled :

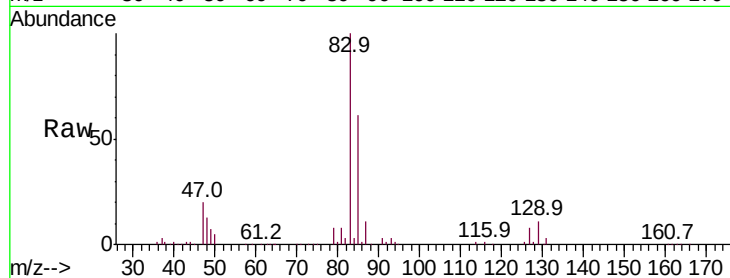
Tot Ion: 83 Resp: 76913

Ion Ratio Lower Upper

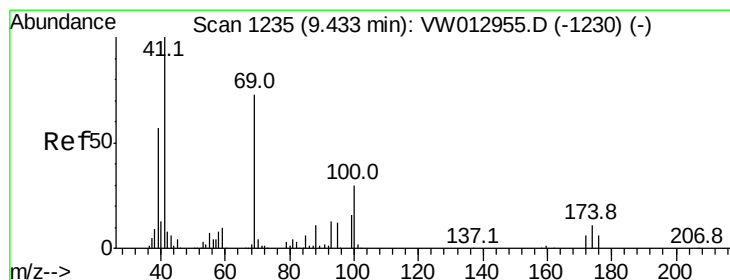
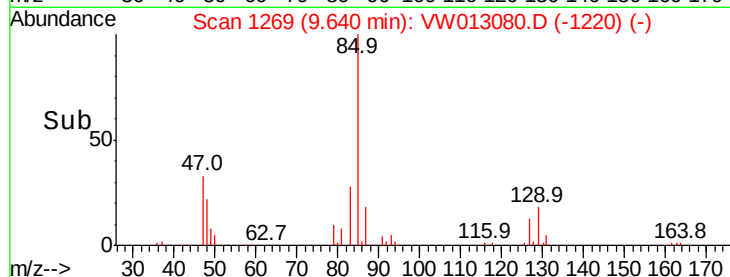
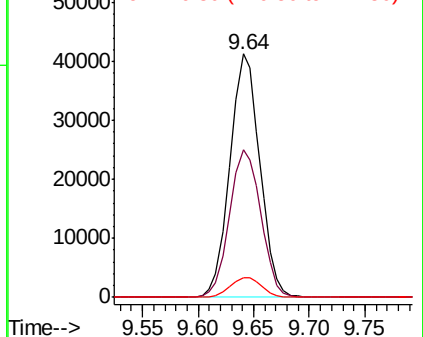
83 100

85 60.9 50.6 75.8

127 8.1 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: 18.390 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

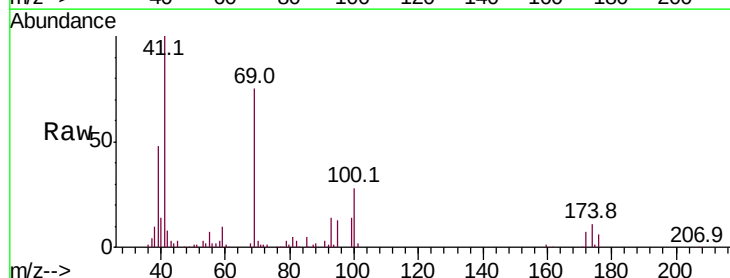
Tgt Ion: 41 Resp: 36278

Ion Ratio Lower Upper

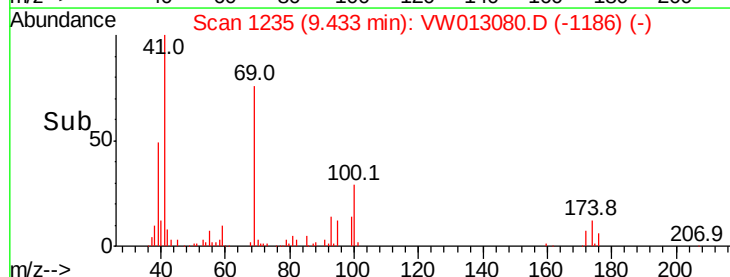
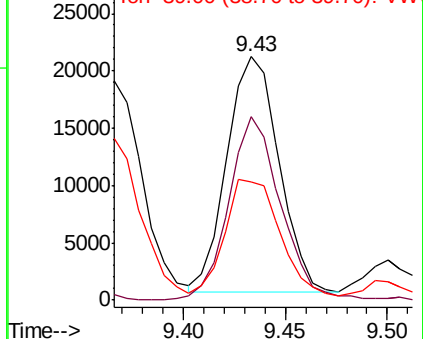
41 100

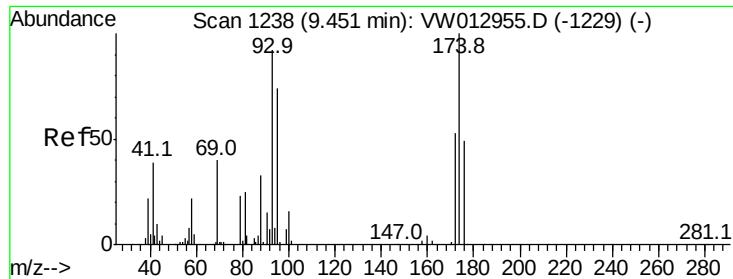
69 78.8 62.8 94.2

39 55.7 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: 310.154 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampled :

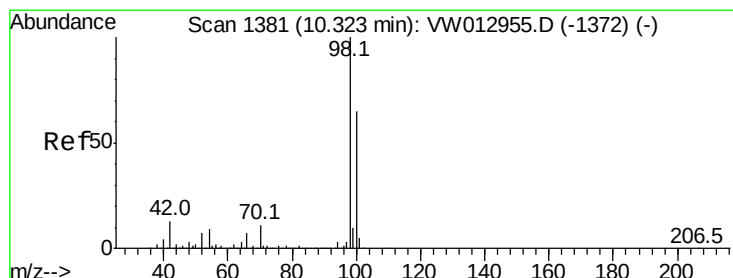
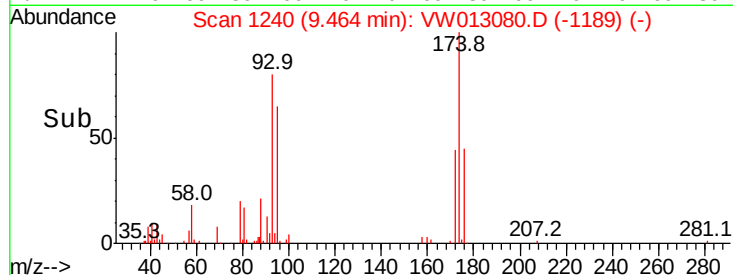
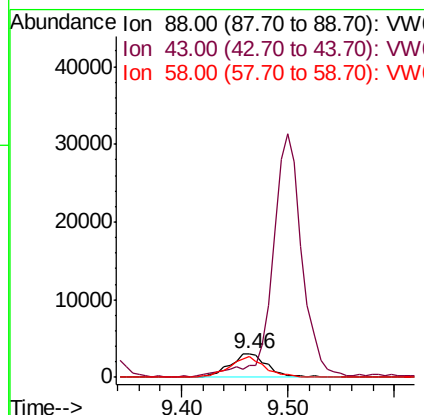
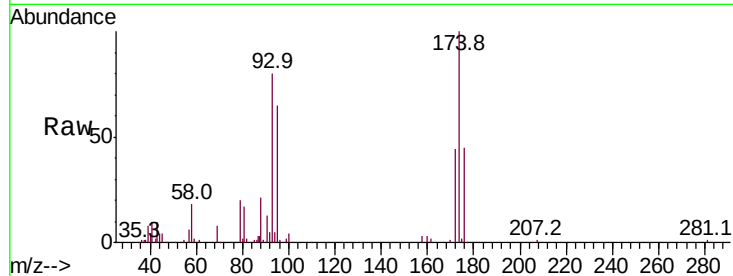
Tot Ion: 88 Resp: 7617

Ion Ratio Lower Upper

88 100

43 0.0 31.3 46.9#

58 82.6 60.2 90.2



#50

Toluene-d8

Concen: 52.900 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013080.D

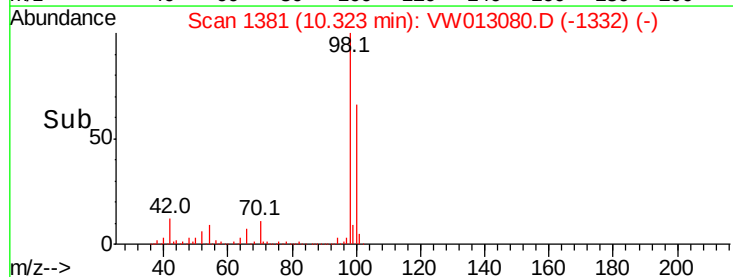
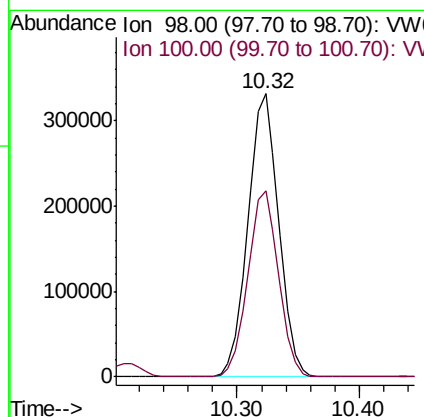
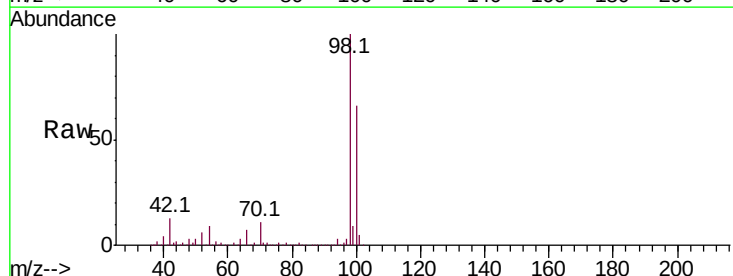
Acq: 17 Sep 2019 10:53

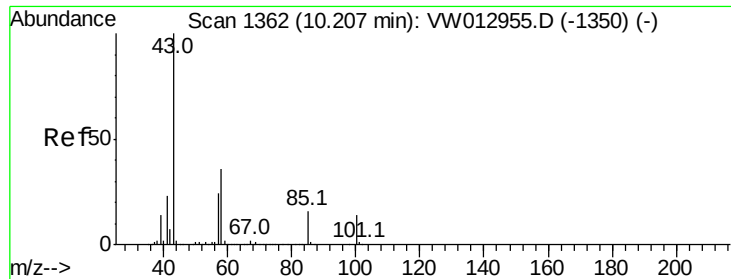
Tgt Ion: 98 Resp: 579759

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1

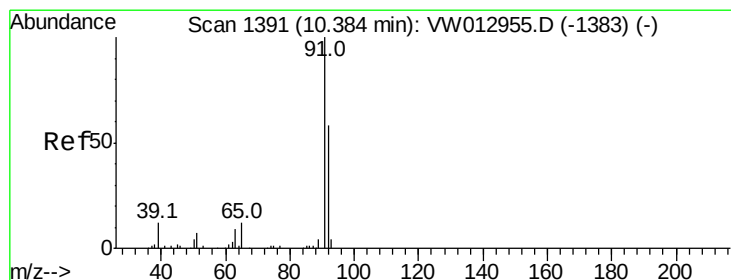
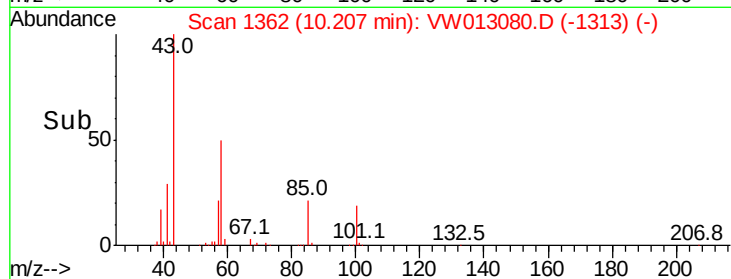
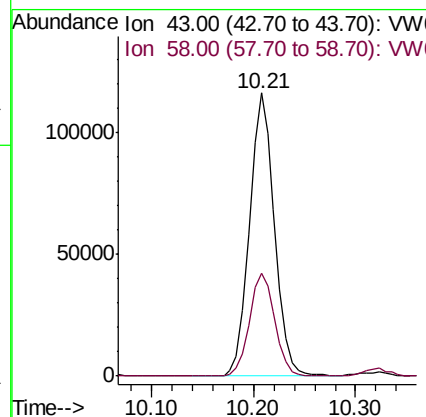
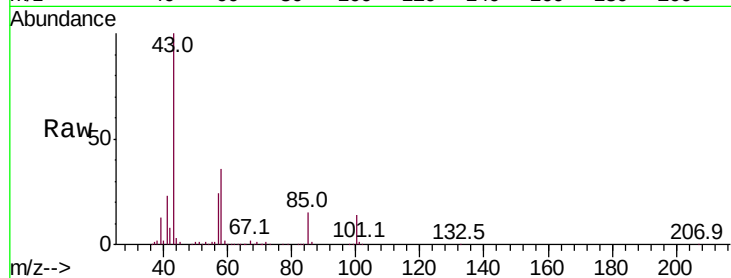




#51
4-Methyl-2-Pentanone
Concen: 91.157 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

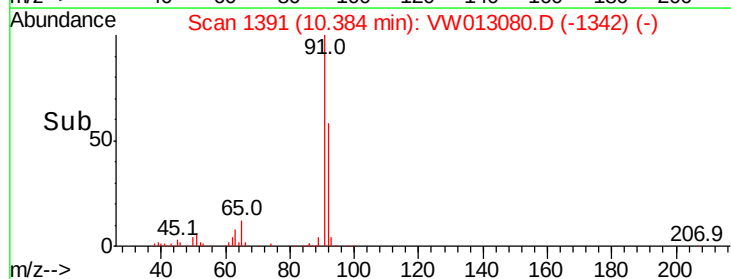
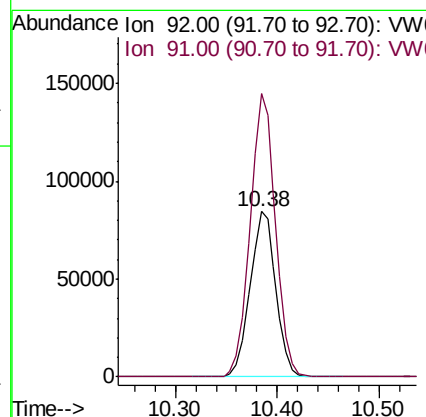
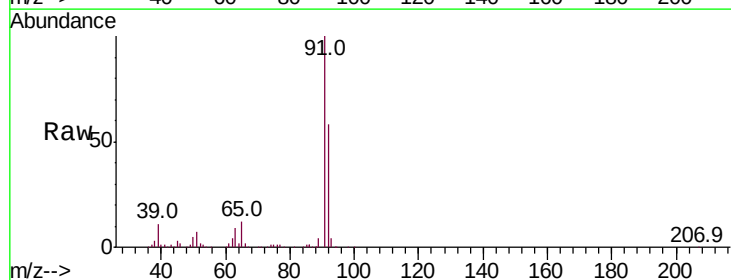
Instrument :
MSVOA_W
ClientSampled :

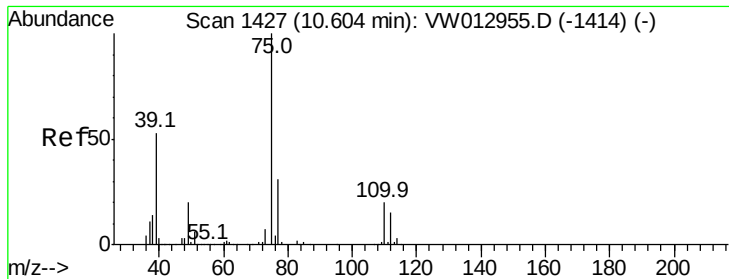
Tot Ion: 43 Resp: 197823
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3



#52
Toluene
Concen: 20.204 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 92 Resp: 147829
Ion Ratio Lower Upper
92 100
91 168.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 18.820 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

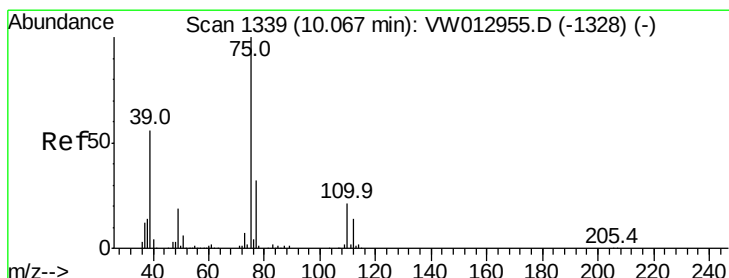
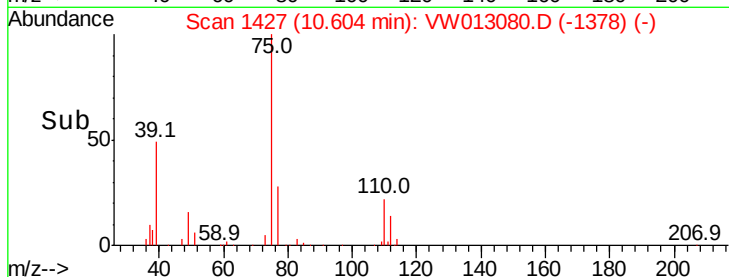
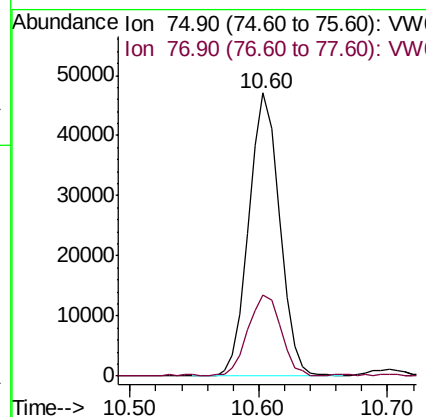
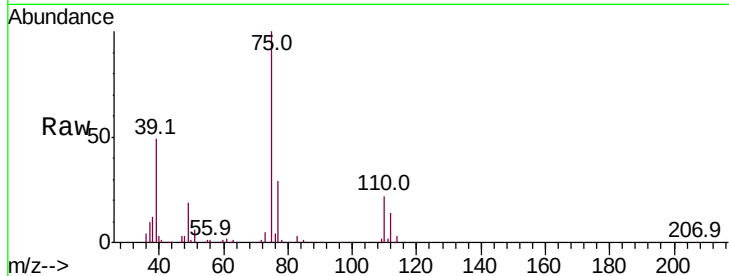
ClientSampled :

Tot Ion: 75 Resp: 77816

Ion Ratio Lower Upper

75 100

77 28.1 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 18.884 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

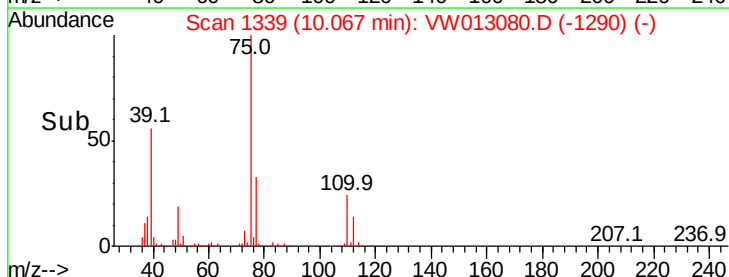
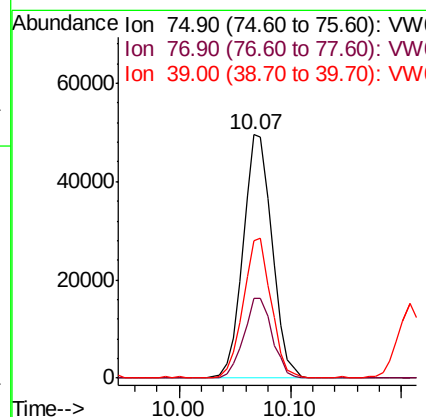
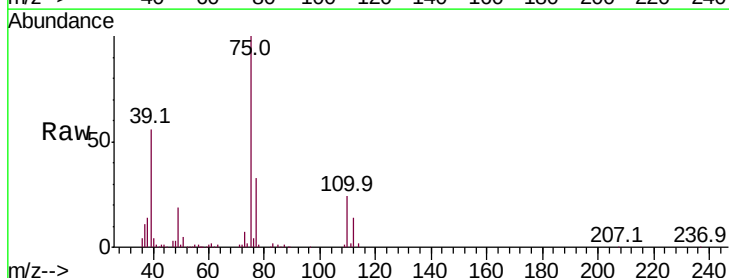
Tgt Ion: 75 Resp: 89338

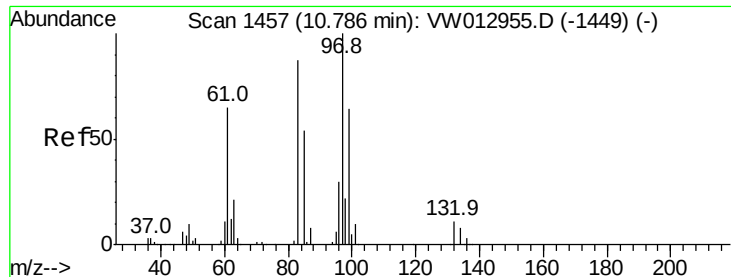
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

39 56.1 45.0 67.6

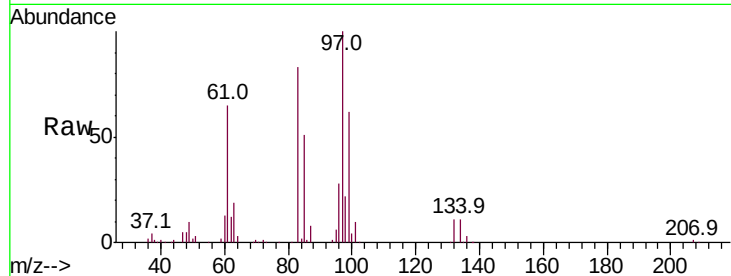




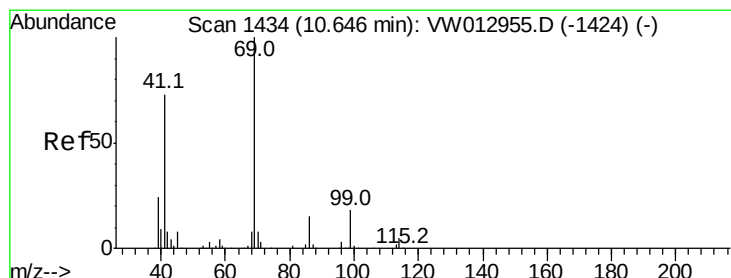
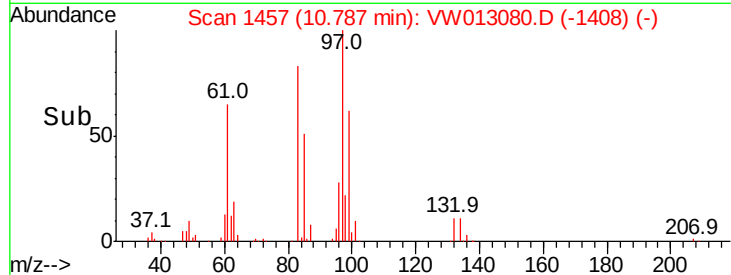
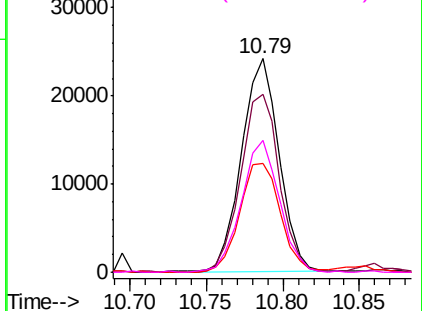
#55
 1,1,2-Trichloroethane
 Concen: 18.473 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 41246
 Ion Ratio Lower Upper
 97 100
 83 83.6 69.4 104.0
 85 51.3 43.3 64.9
 99 62.0 50.9 76.3

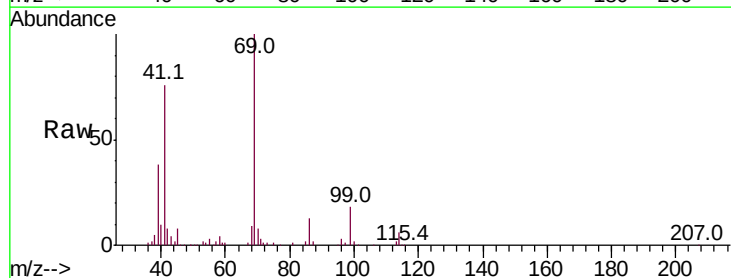


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

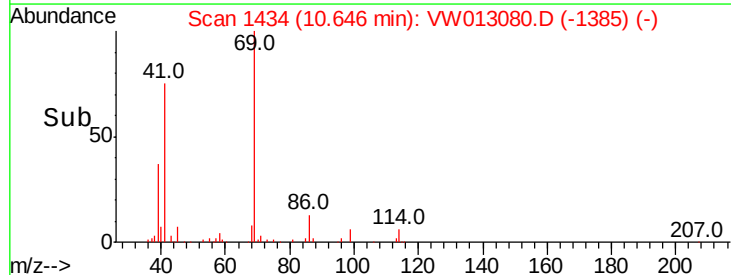
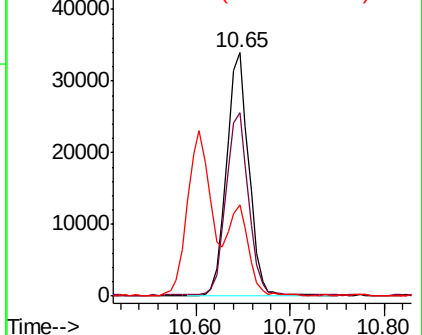


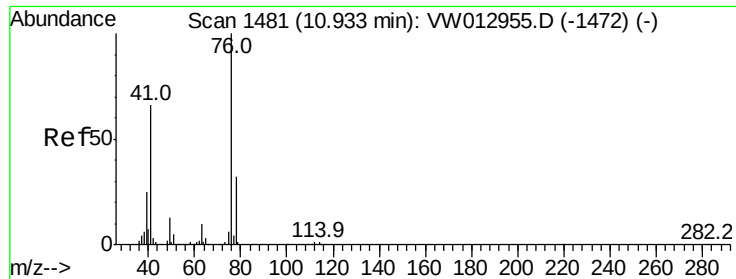
#56
 Ethyl methacrylate
 Concen: 18.571 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 69 Resp: 55811
 Ion Ratio Lower Upper
 69 100
 41 75.3 60.8 91.2
 39 32.9 29.4 44.0



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





#57

1,3-Dichloropropane

Concen: 19.075 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

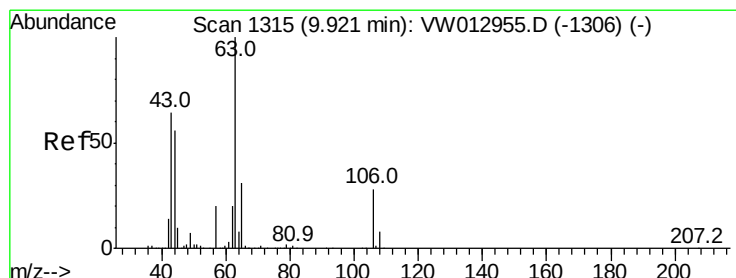
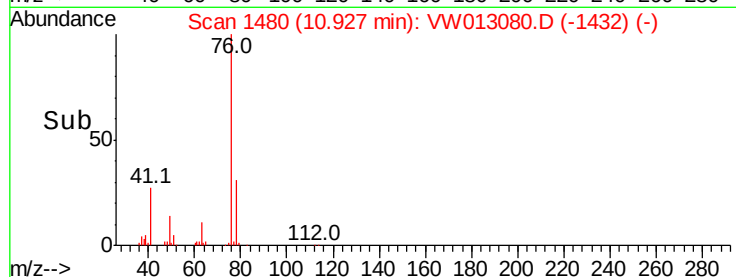
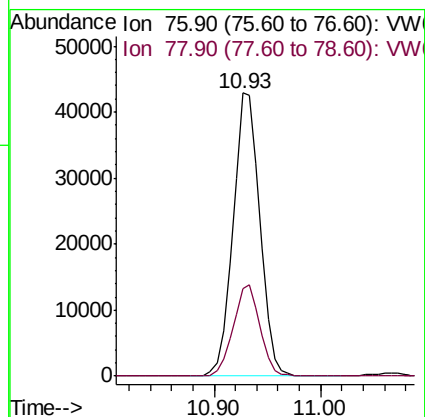
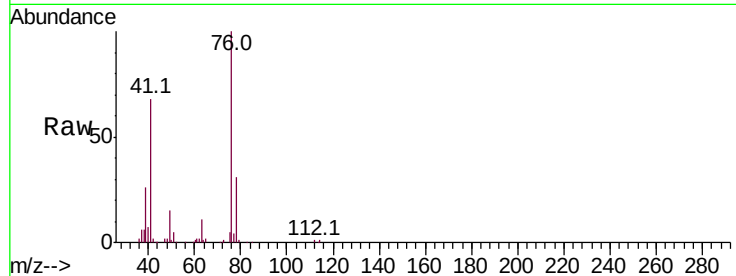
ClientSampleId :

Tot Ion: 76 Resp: 75551

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.744 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013080.D

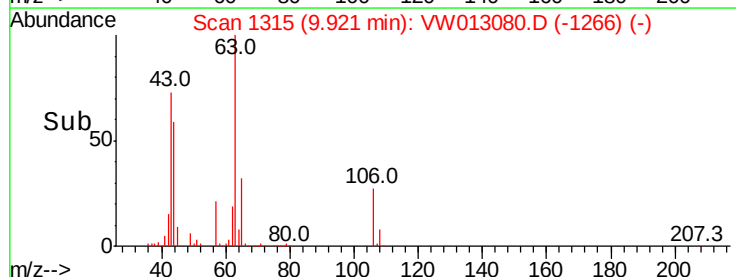
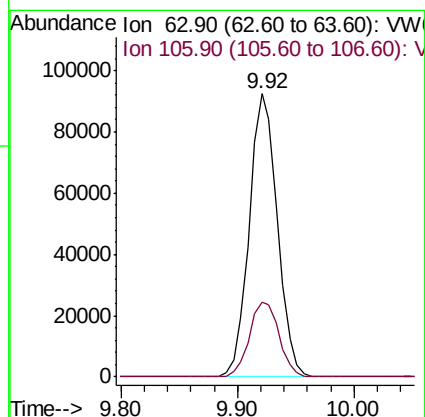
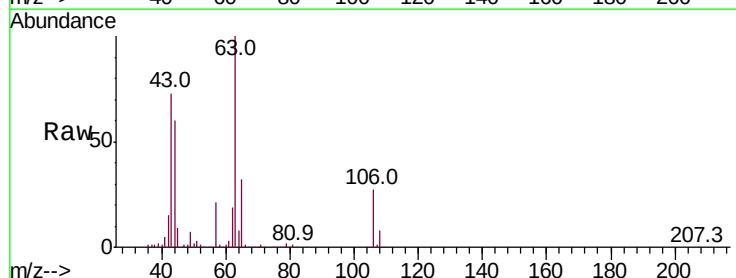
Acq: 17 Sep 2019 10:53

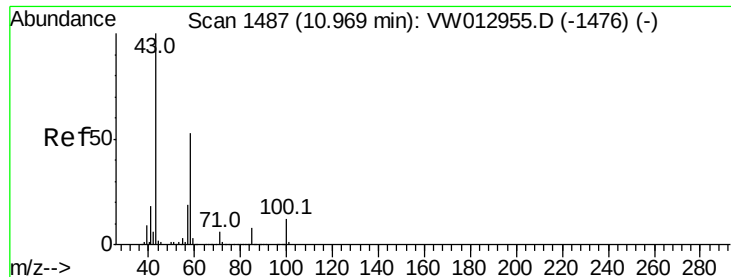
Tgt Ion: 63 Resp: 155966

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2

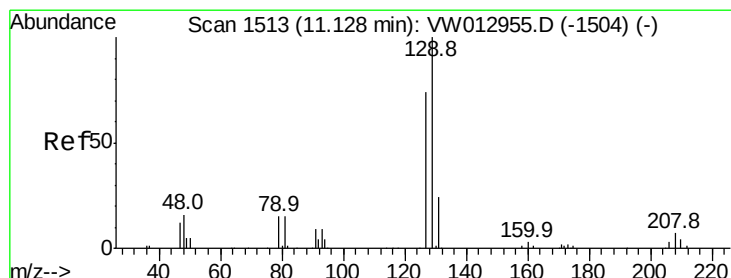
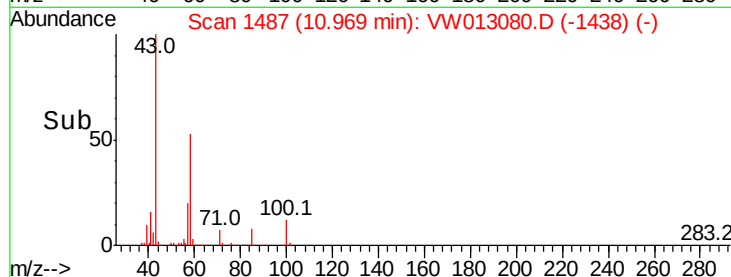
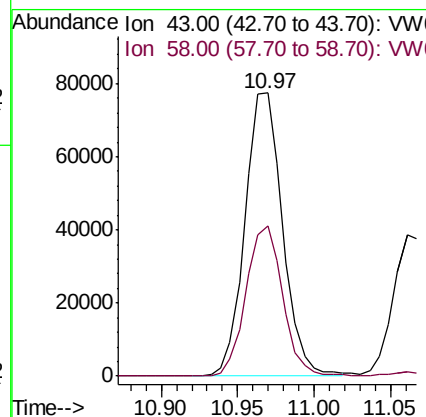
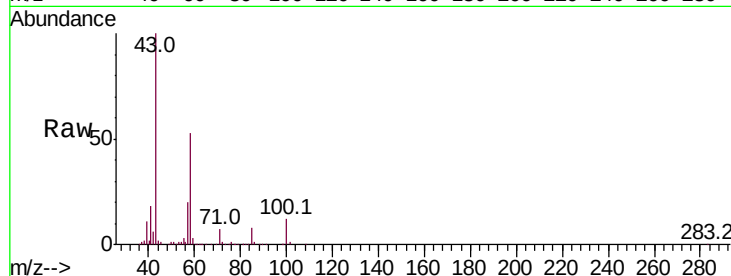




#59
2-Hexanone
Concen: 87.588 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

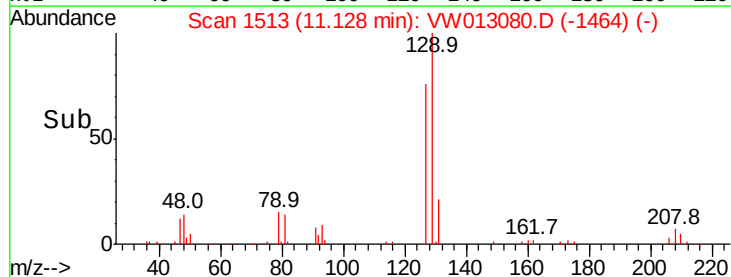
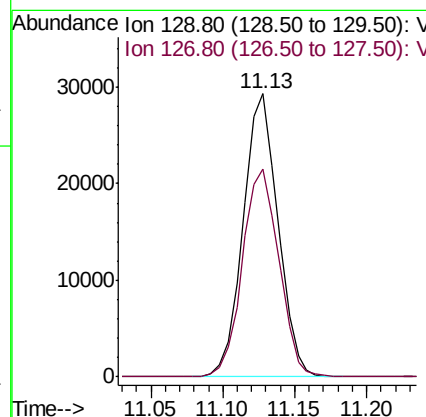
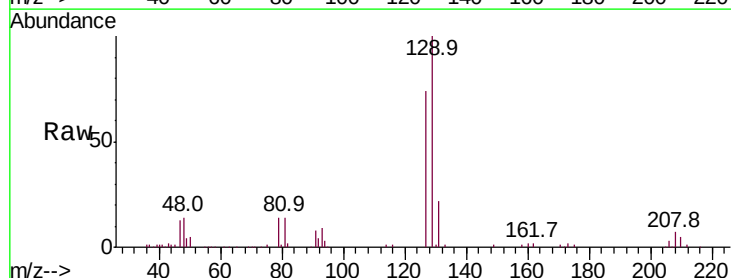
Instrument :
MSVOA_W
ClientSampleId :

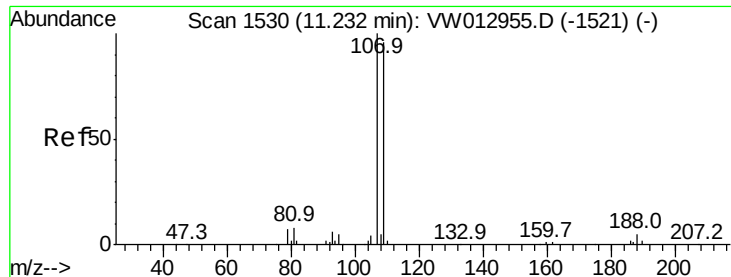
Tot Ion: 43 Resp: 132353
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3



#60
Dibromochloromethane
Concen: 18.182 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 129 Resp: 49079
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.2

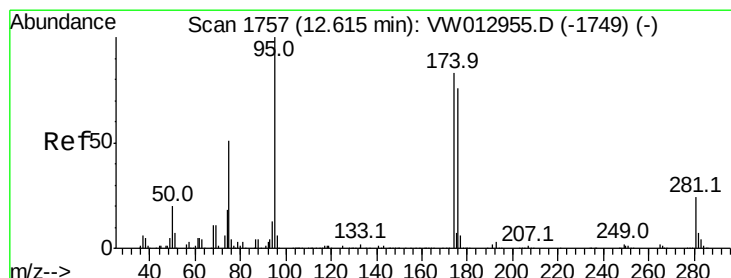
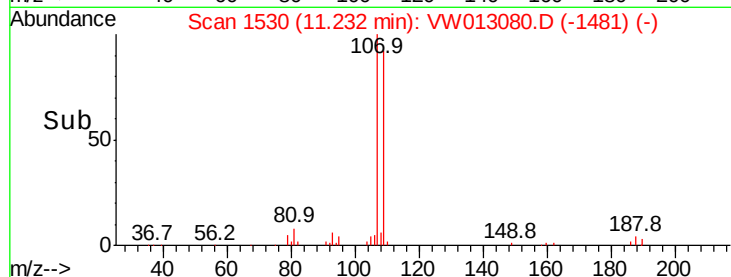
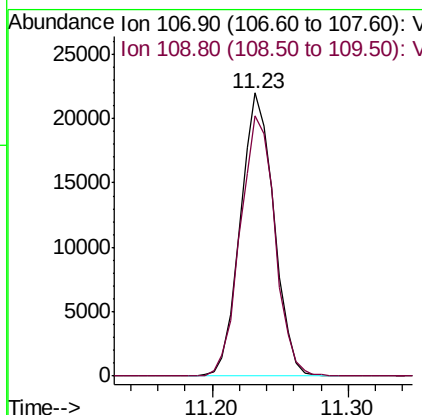
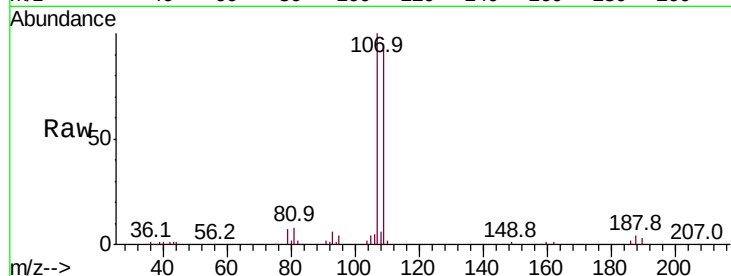




#61
 1,2-Dibromoethane
 Concen: 18.639 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

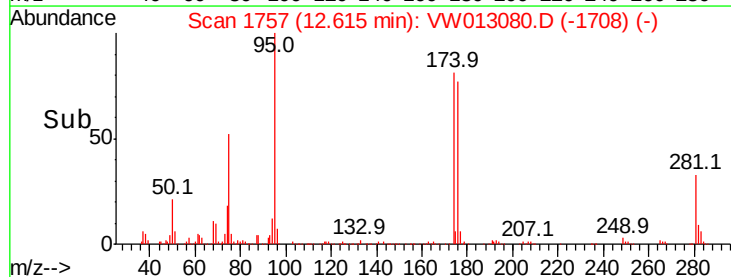
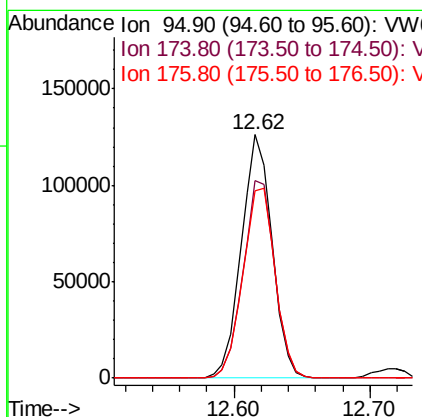
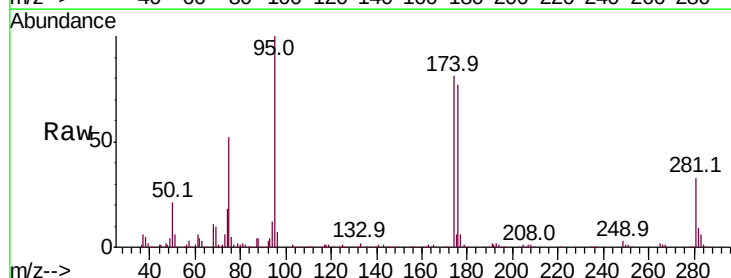
Instrument :
 MSVOA_W
 ClientSampleId :

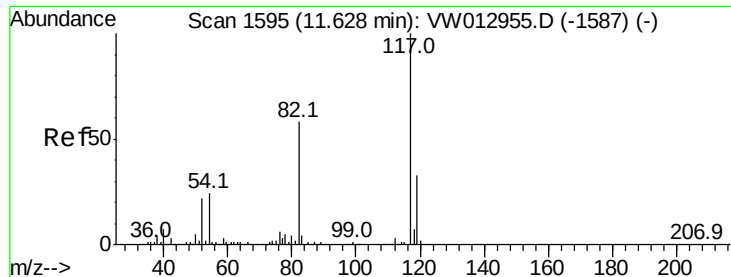
Tot Ion:107 Resp: 37964
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 50.570 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 95 Resp: 199288
 Ion Ratio Lower Upper
 95 100
 174 84.0 0.0 170.4
 176 82.3 0.0 164.6

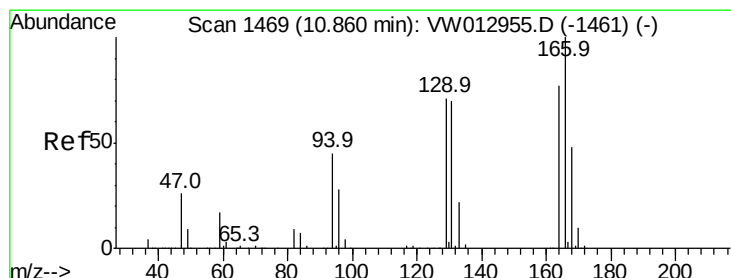
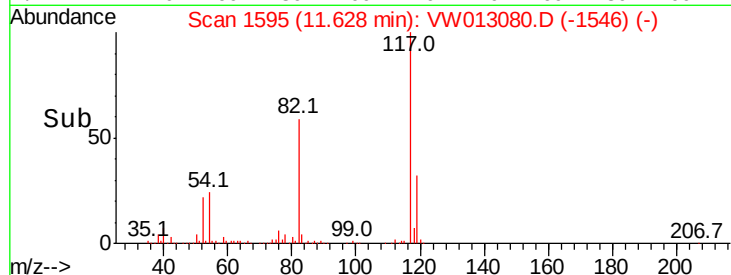
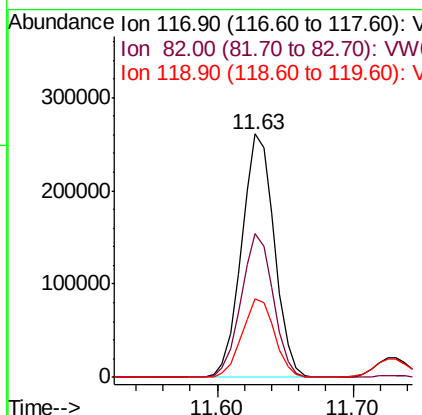
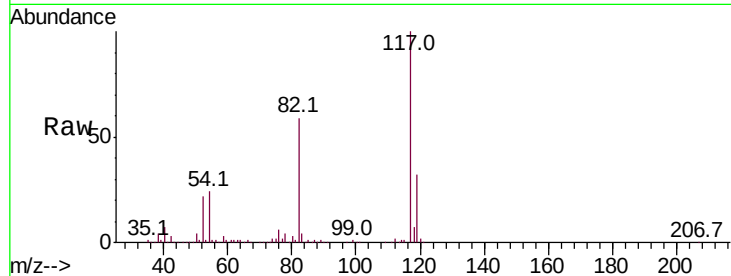




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

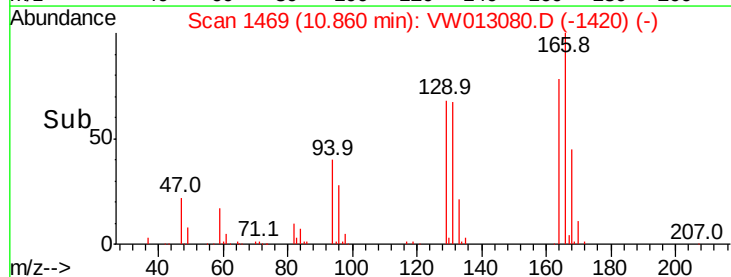
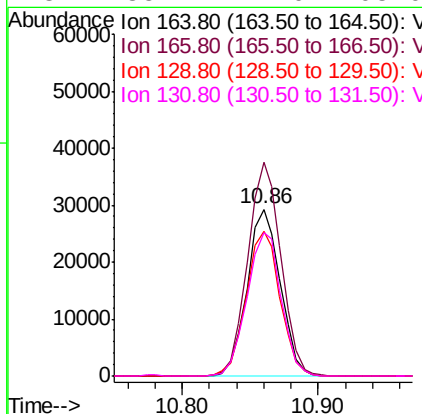
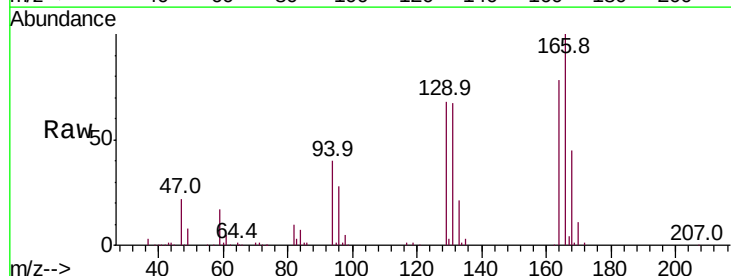
Instrument :
MSVOA_W
ClientSampleId :

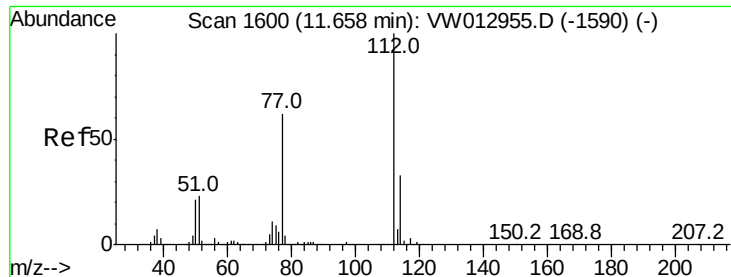
Tot Ion:117 Resp: 437836
Ion Ratio Lower Upper
117 100
82 59.2 46.3 69.5
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 19.167 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:164 Resp: 49925
Ion Ratio Lower Upper
164 100
166 128.0 103.3 154.9
129 86.7 73.8 110.8
131 85.7 72.0 108.0

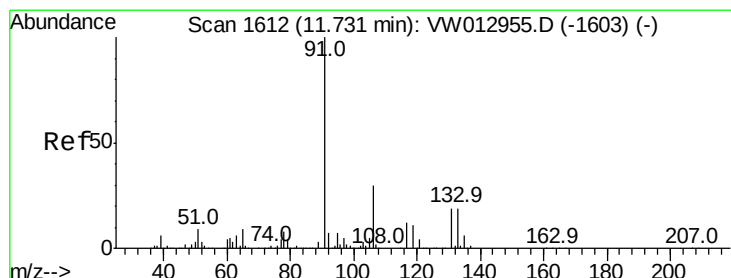
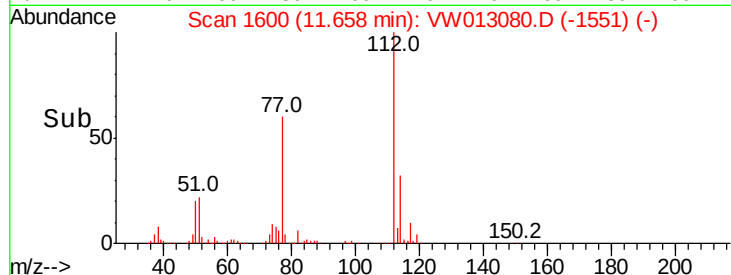
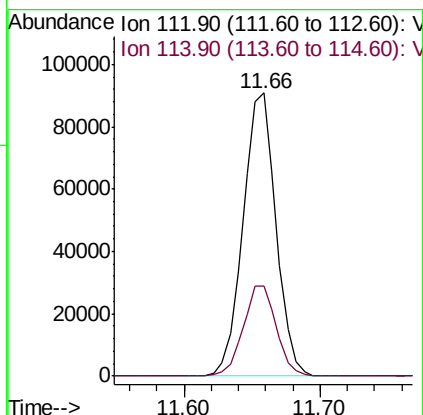
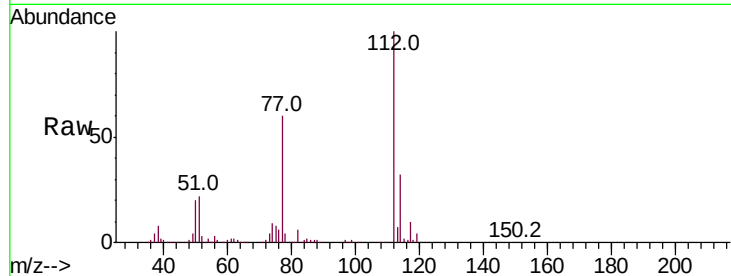




#65
Chlorobenzene
Concen: 19.679 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

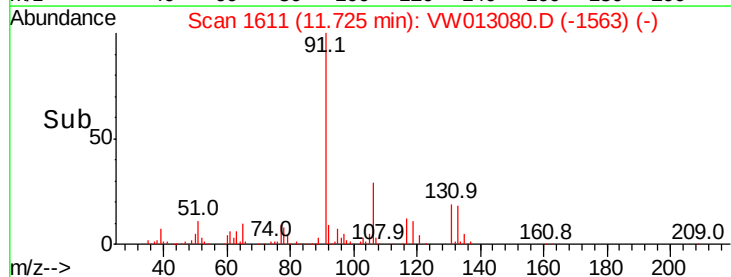
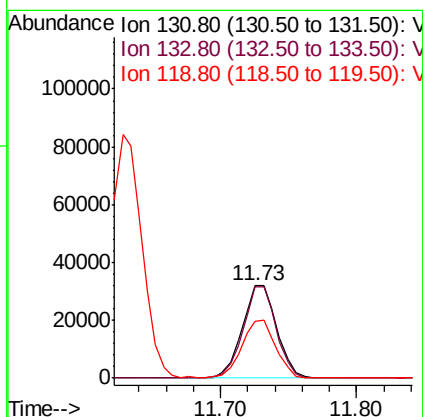
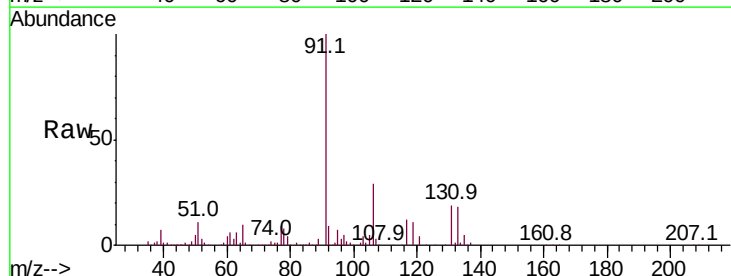
Instrument :
MSVOA_W
ClientSampled :

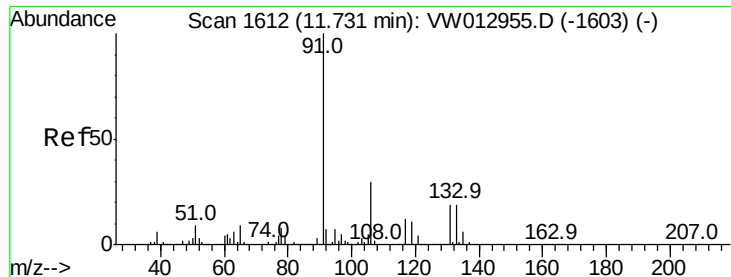
Tot Ion:112 Resp: 153473
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:131 Resp: 56591
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.8
119 61.8 30.9 92.7

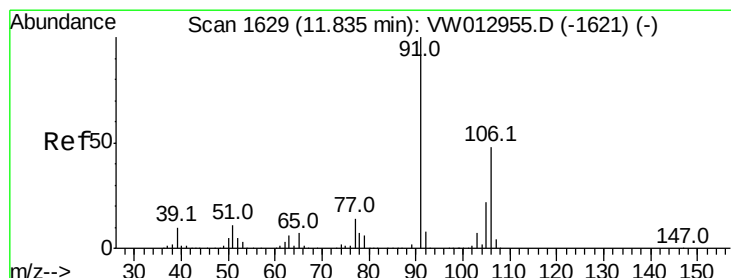
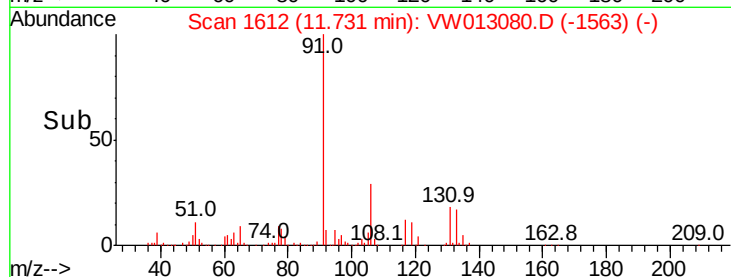
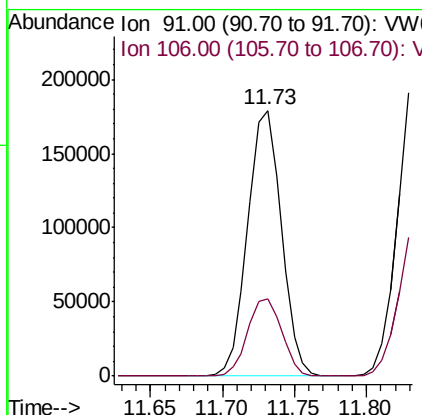
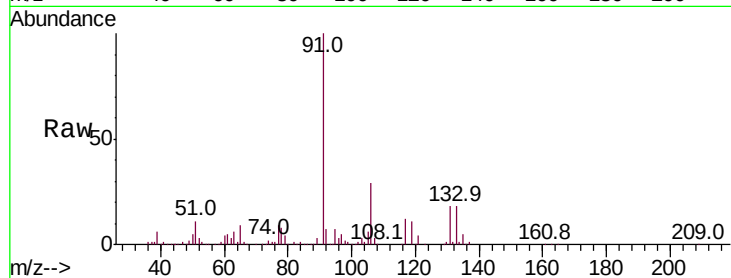




#67
Ethyl Benzene
Concen: 20.182 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

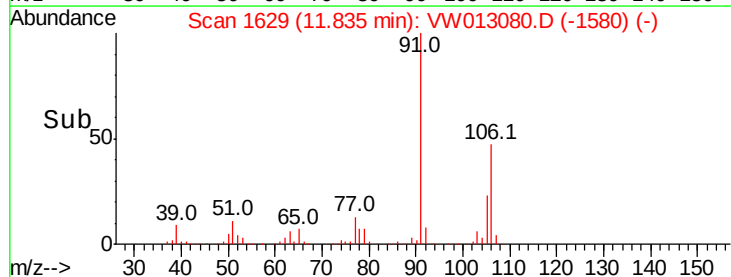
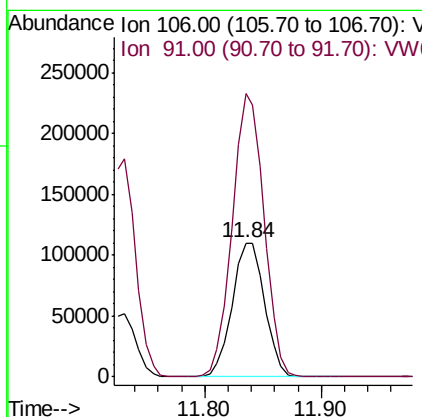
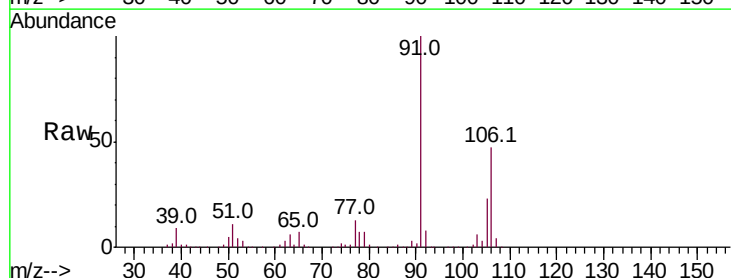
Instrument :
MSVOA_W
ClientSampleId :

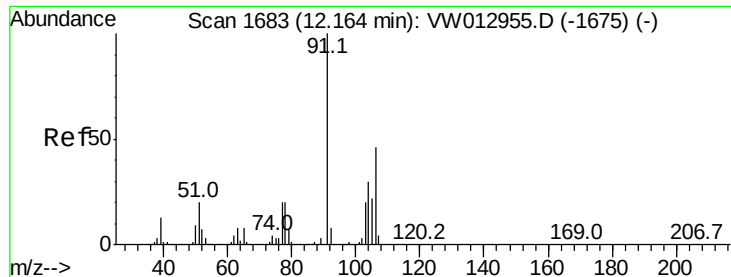
Tot Ion: 91 Resp: 290687
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5



#68
m/p-Xylenes
Concen: 40.610 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:106 Resp: 213681
Ion Ratio Lower Upper
106 100
91 207.2 165.8 248.8

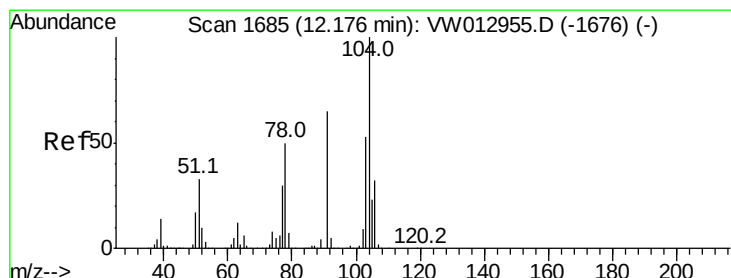
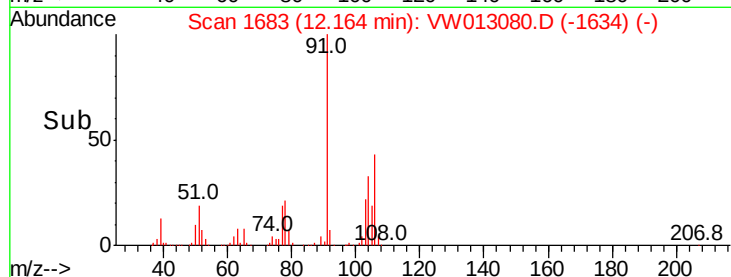
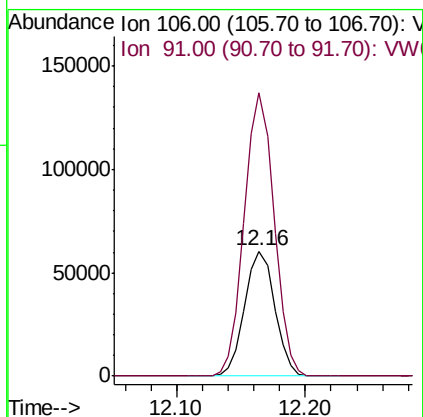
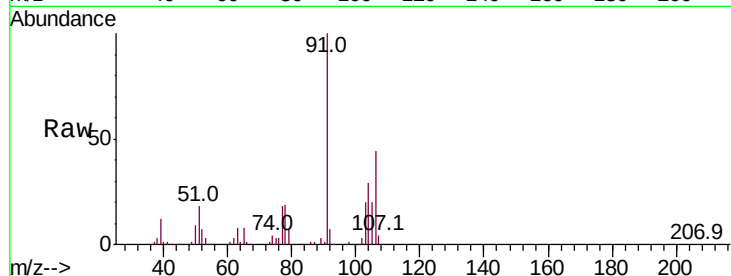




#69
o-Xylene
Concen: 19.865 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

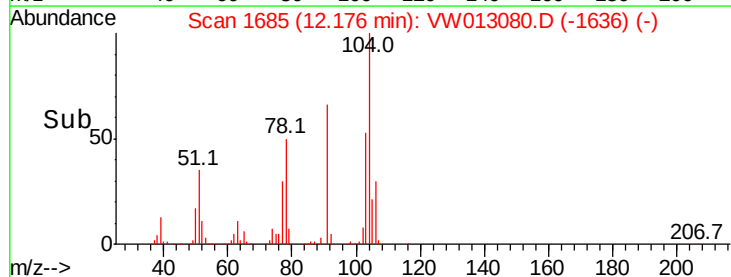
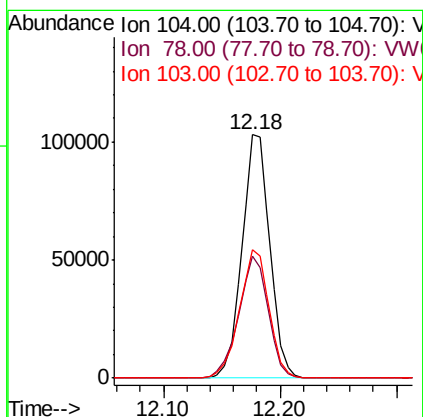
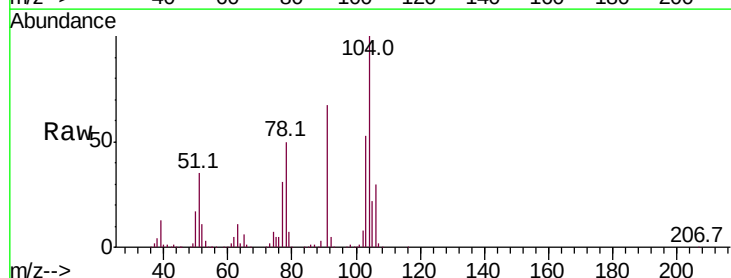
Instrument :
MSVOA_W
ClientSampled :

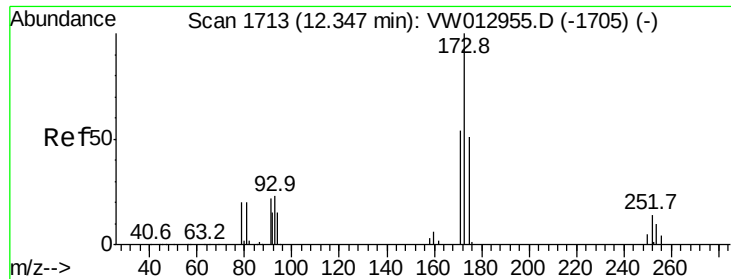
Tot Ion:106 Resp: 97994
Ion Ratio Lower Upper
106 100
91 224.8 109.7 329.0



#70
Styrene
Concen: 19.625 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:104 Resp: 172213
Ion Ratio Lower Upper
104 100
78 53.0 42.1 63.1
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.156 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

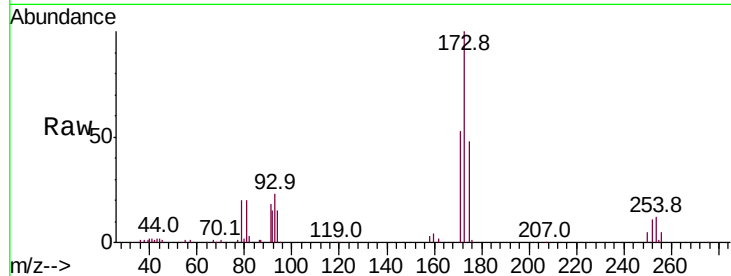
Tot Ion:173 Resp: 28503

Ion Ratio Lower Upper

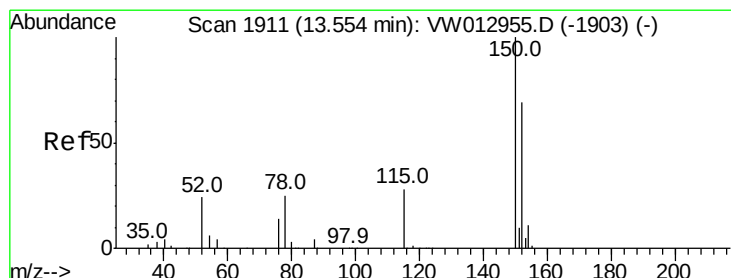
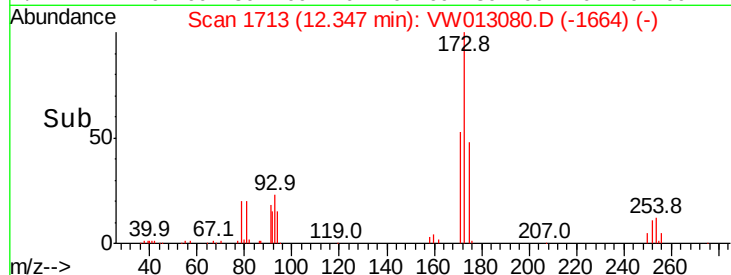
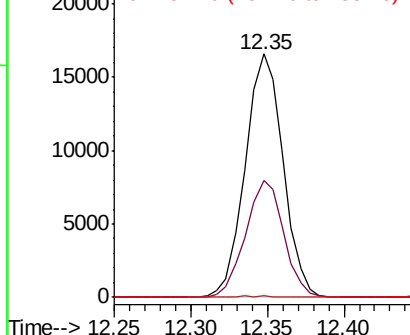
173 100

175 48.6 24.2 72.6

254 0.3 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: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

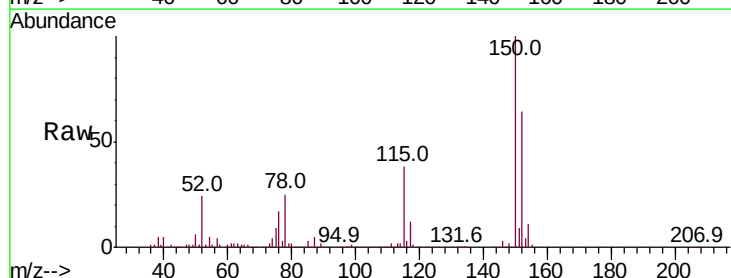
Tgt Ion:152 Resp: 218614

Ion Ratio Lower Upper

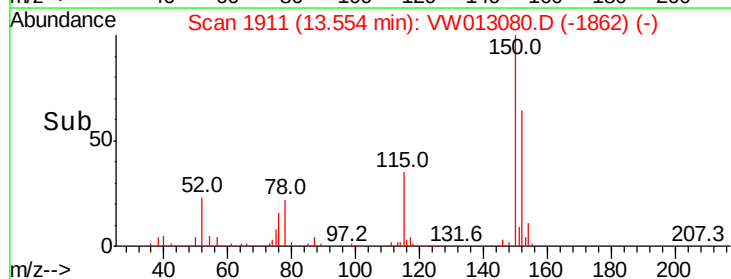
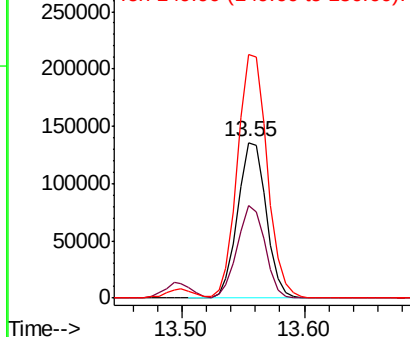
152 100

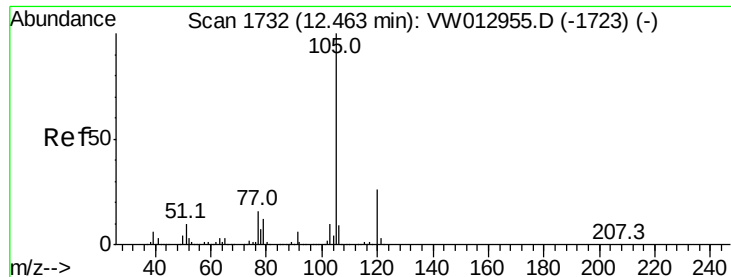
115 57.9 28.8 86.4

150 163.9 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: 19.832 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

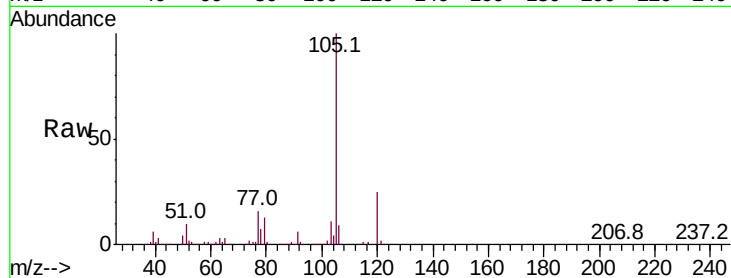
ClientSampleId :

Tot Ion:105 Resp: 287366

Ion Ratio Lower Upper

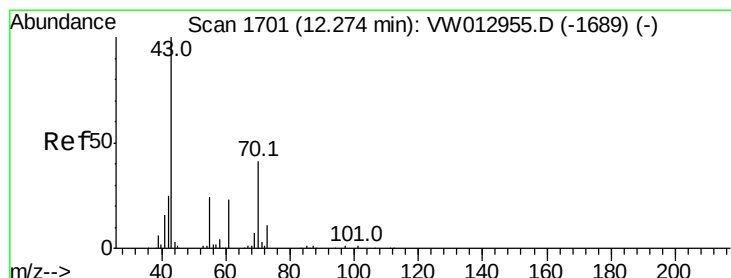
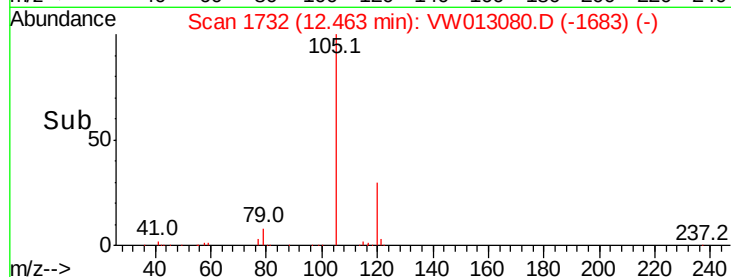
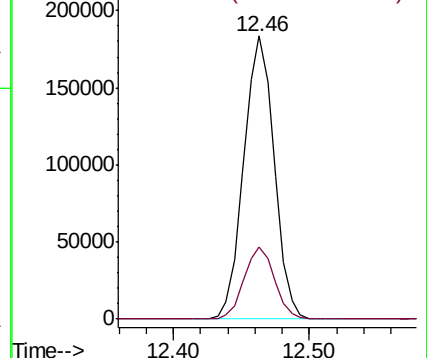
105 100

120 25.6 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: 18.352 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion: 43 Resp: 68407

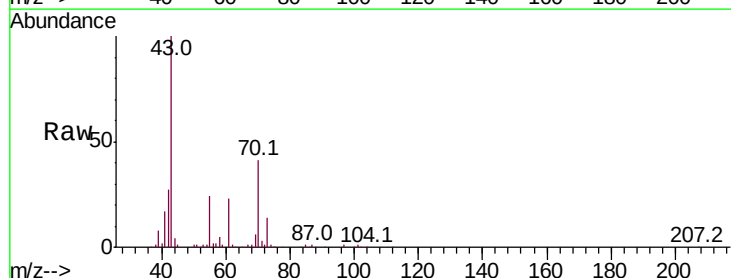
Ion Ratio Lower Upper

43 100

70 39.6 31.7 47.5

55 24.1 19.4 29.2

61 23.1 18.7 28.1

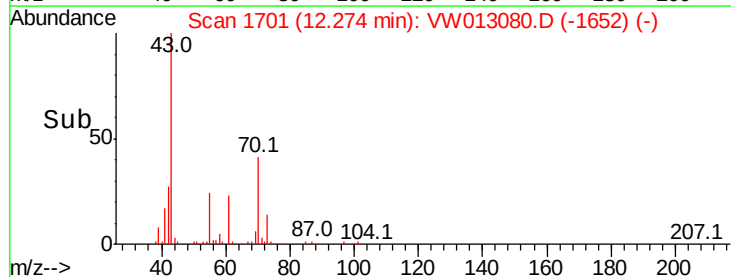
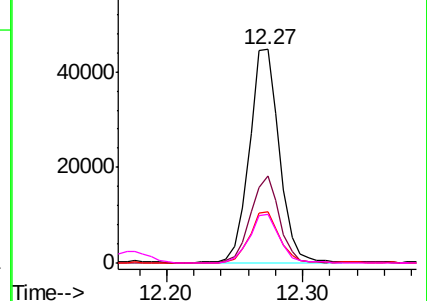


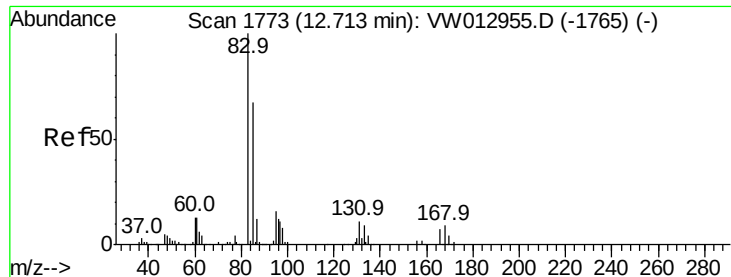
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.412 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

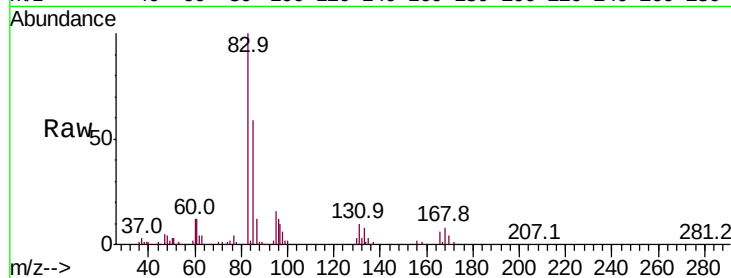
Tot Ion: 83 Resp: 49405

Ion Ratio Lower Upper

83 100

131 10.1 5.7 17.1

85 62.7 31.4 94.3



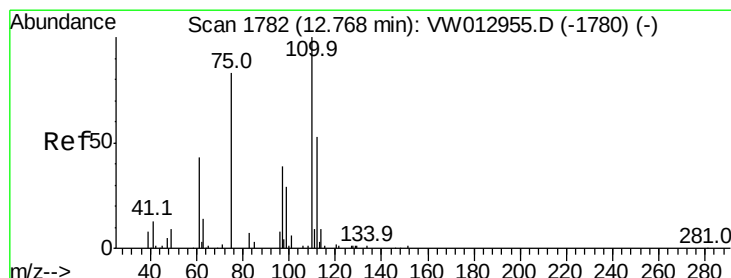
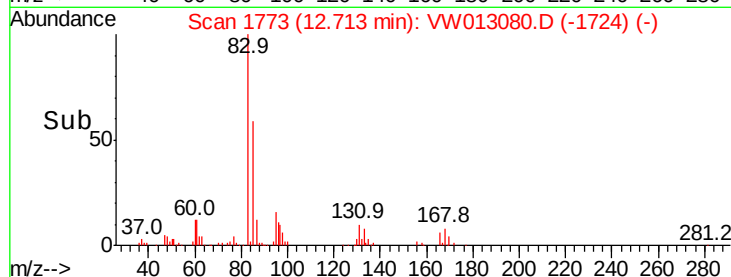
Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW

12.71

Time-->



#76

1,2,3-Trichloropropane

Concen: 32.806 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013080.D

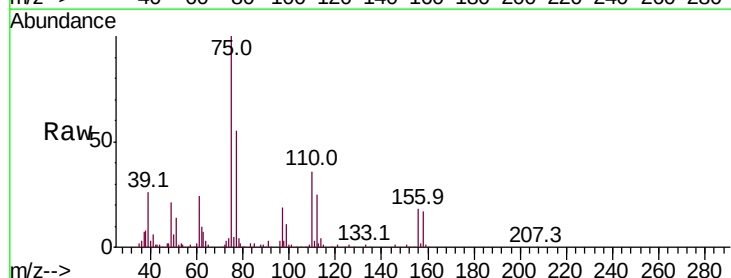
Acq: 17 Sep 2019 10:53

Tgt Ion: 75 Resp: 62820

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

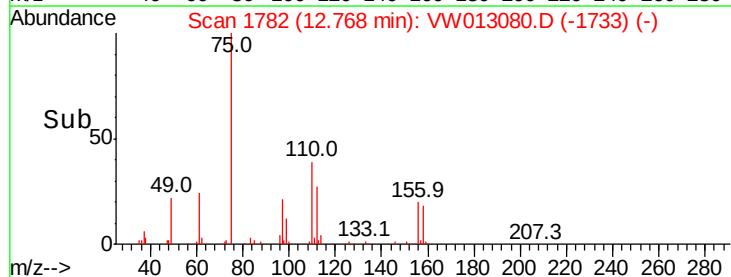


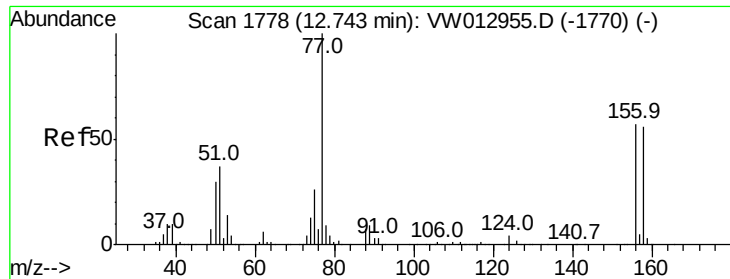
Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

12.77

Time-->





#77

Bromobenzene

Concen: 19.684 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

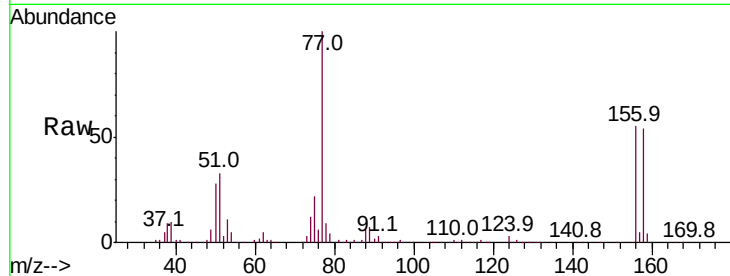
ClientSampled :

Tot Ion:156 Resp: 65710

Ion	Ratio	Lower	Upper
156	100		
77	189.8	95.2	285.6
158	97.5	49.0	147.2

77 189.8 95.2 285.6

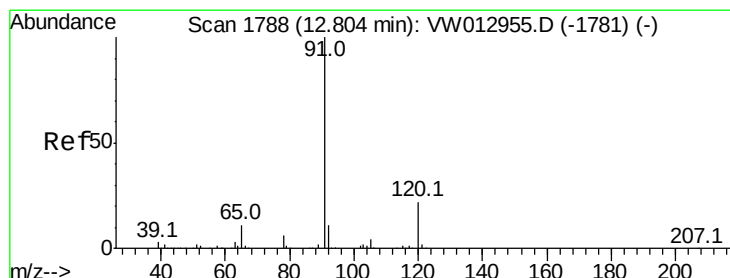
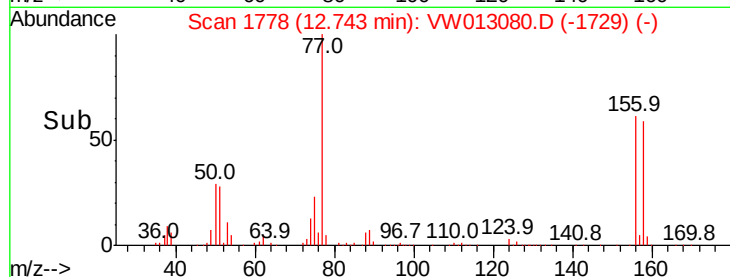
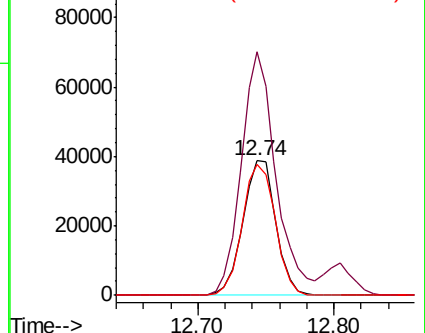
158 97.5 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.952 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW013080.D

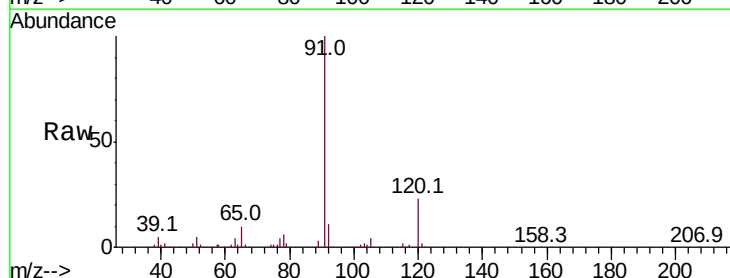
Acq: 17 Sep 2019 10:53

Tgt Ion: 91 Resp: 340089

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.2	33.5

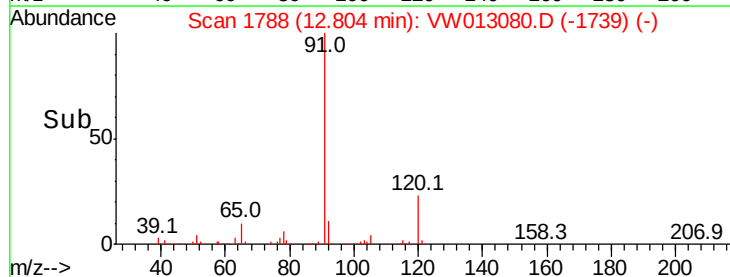
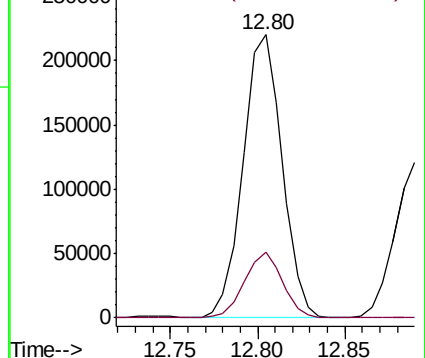
91 100

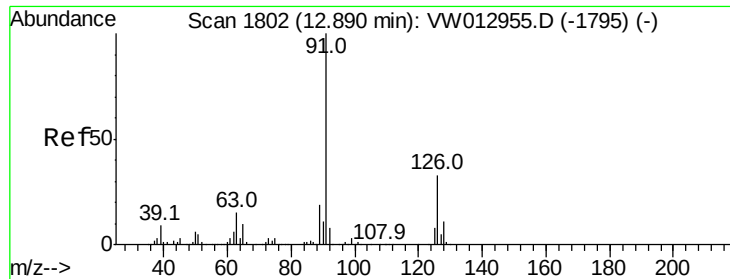
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.774 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

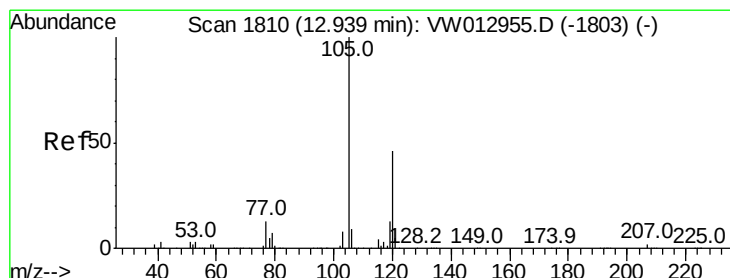
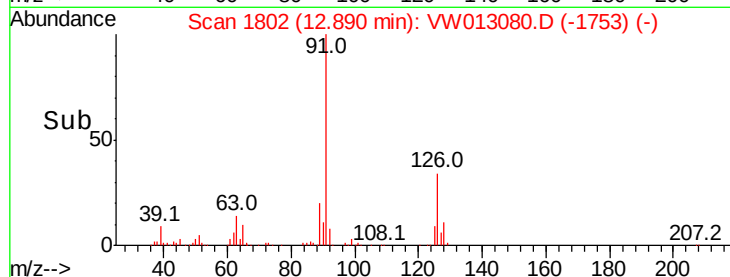
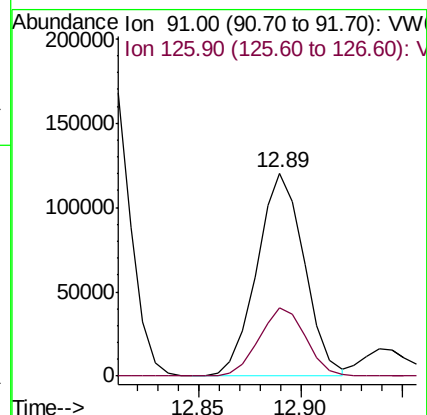
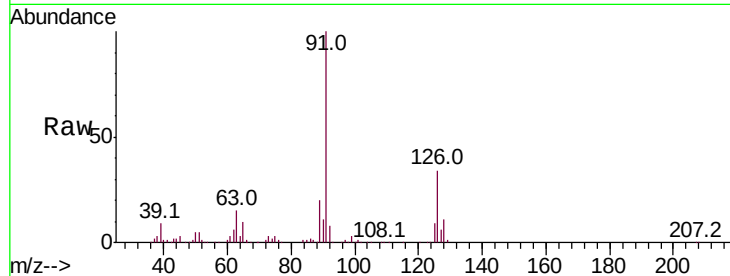
ClientSampleId :

Tot Ion: 91 Resp: 193757

Ion Ratio Lower Upper

91 100

126 33.6 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 19.714 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013080.D

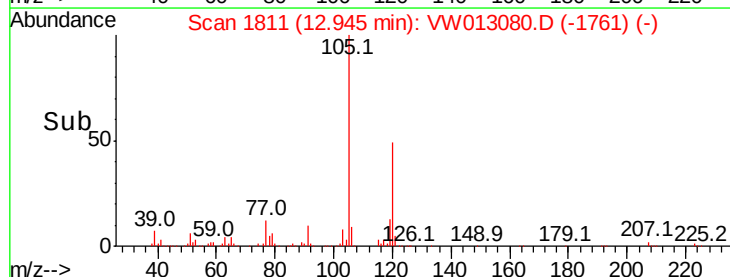
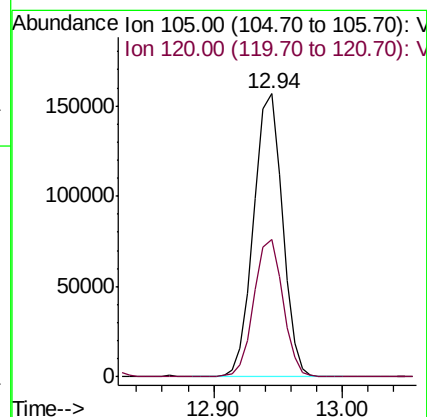
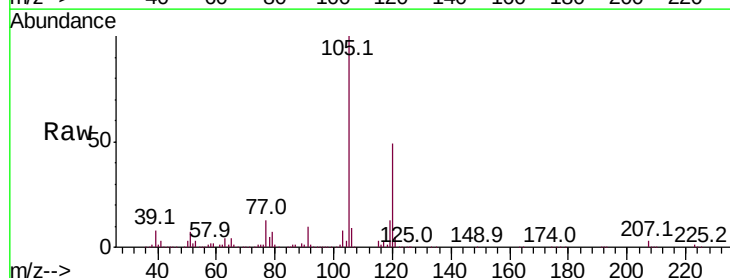
Acq: 17 Sep 2019 10:53

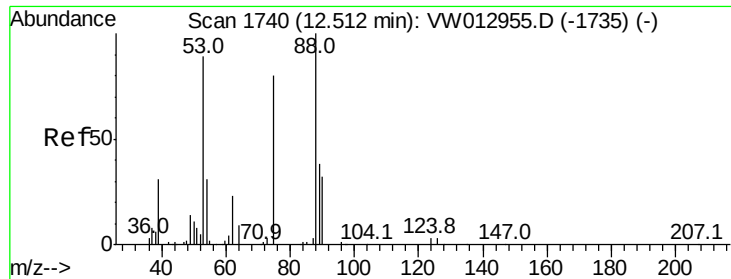
Tgt Ion:105 Resp: 241670

Ion Ratio Lower Upper

105 100

120 49.1 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.645 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

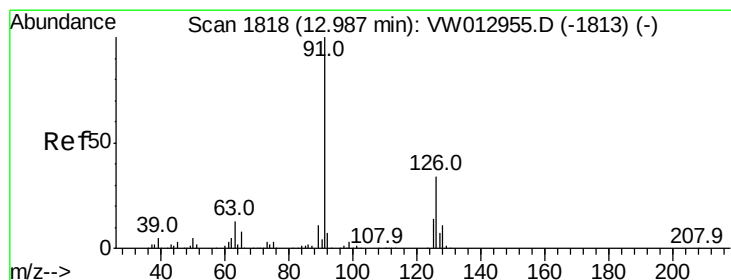
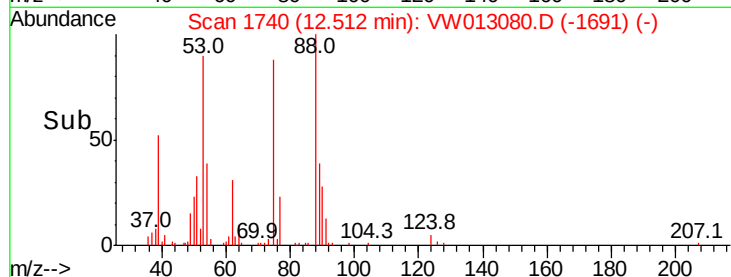
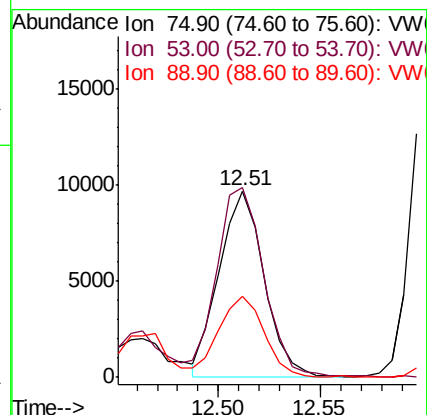
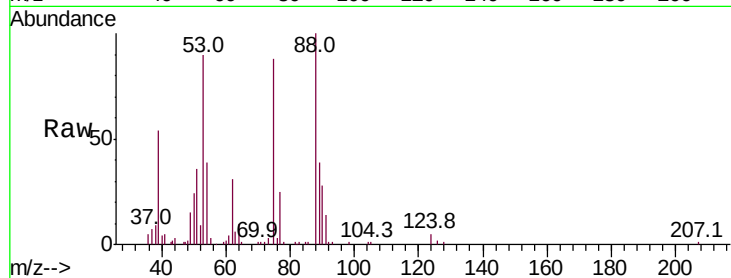
Tot Ion: 75 Resp: 14895

Ion Ratio Lower Upper

75 100

53 106.3 85.6 128.4

89 43.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 19.759 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW013080.D

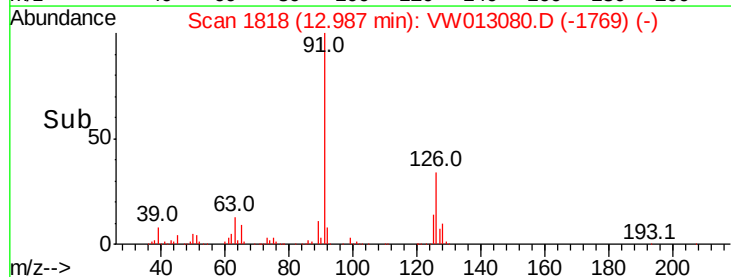
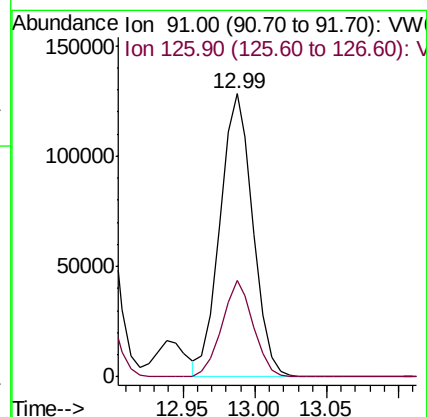
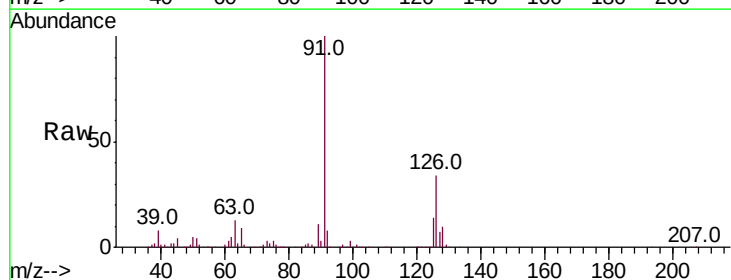
Acq: 17 Sep 2019 10:53

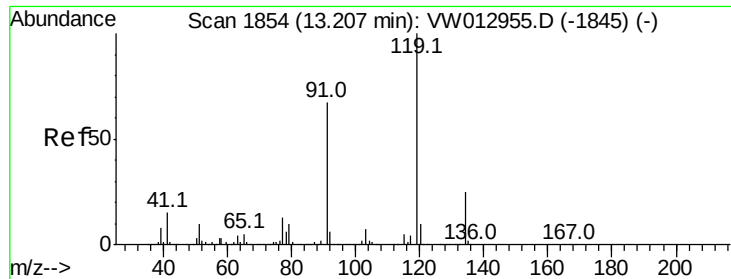
Tgt Ion: 91 Resp: 204273

Ion Ratio Lower Upper

91 100

126 32.6 16.1 48.3





#83

tert-Butylbenzene

Concen: 19.806 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

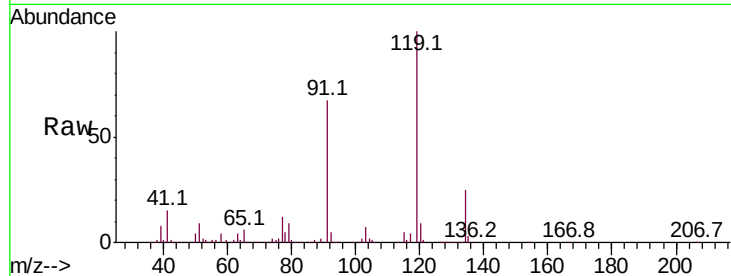
Tot Ion:119 Resp: 217170

Ion Ratio Lower Upper

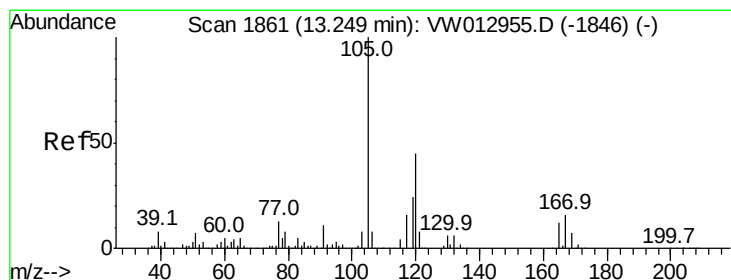
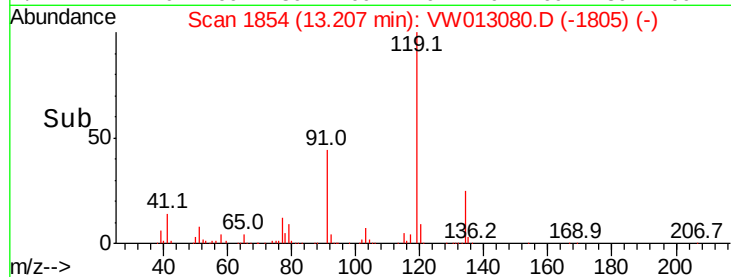
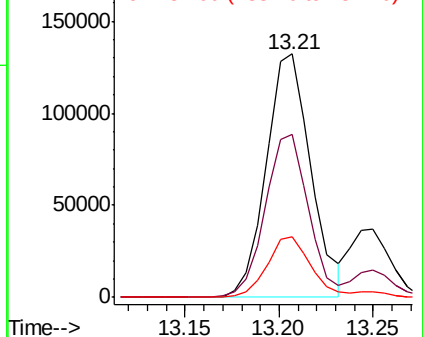
119 100

91 65.0 32.6 98.0

134 24.5 12.4 37.4



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



#84

1,2,4-Trimethylbenzene

Concen: 20.245 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW013080.D

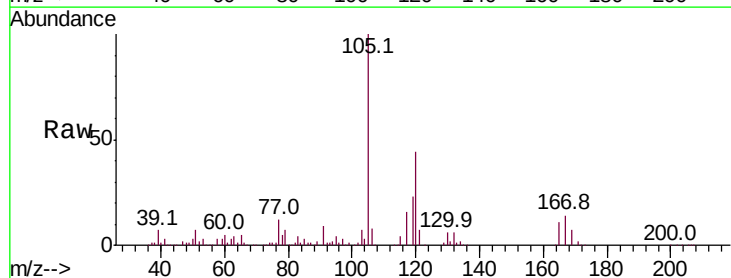
Acq: 17 Sep 2019 10:53

Tgt Ion:105 Resp: 245246

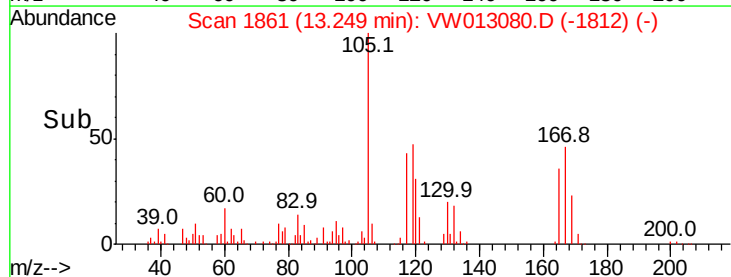
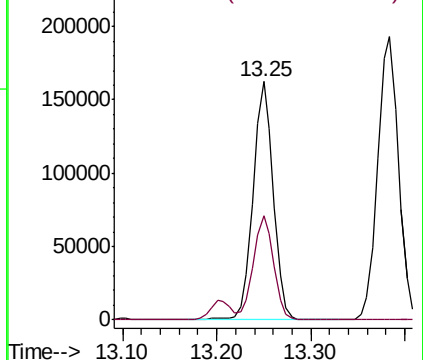
Ion Ratio Lower Upper

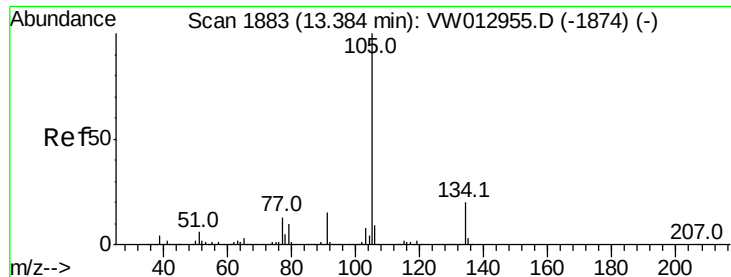
105 100

120 44.4 21.9 65.7



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

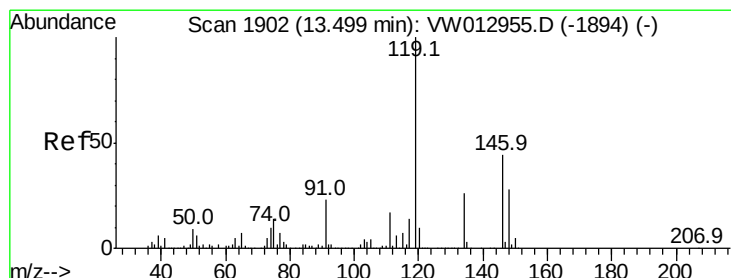
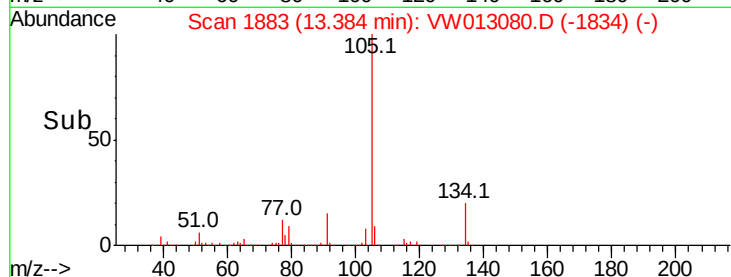
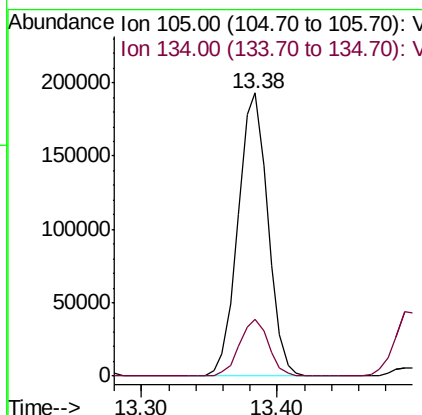
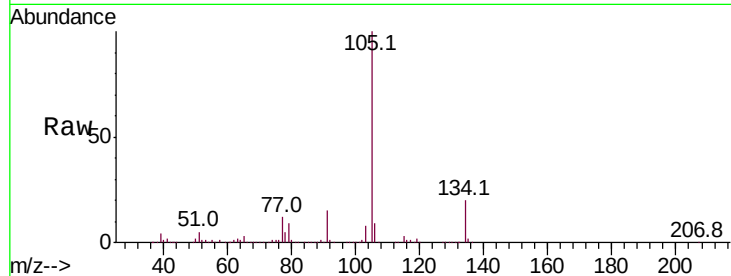




#85
 sec-Butylbenzene
 Concen: 19.761 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

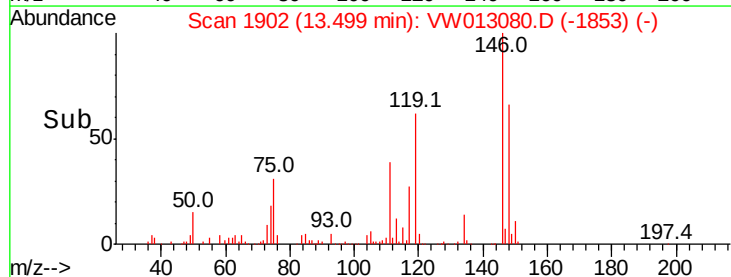
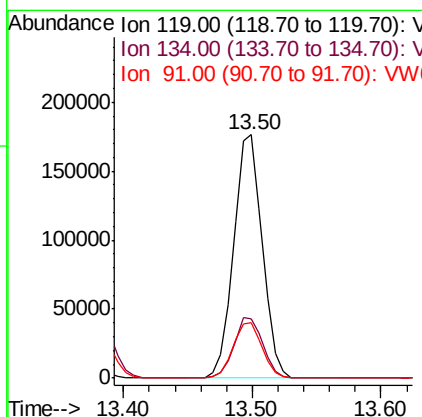
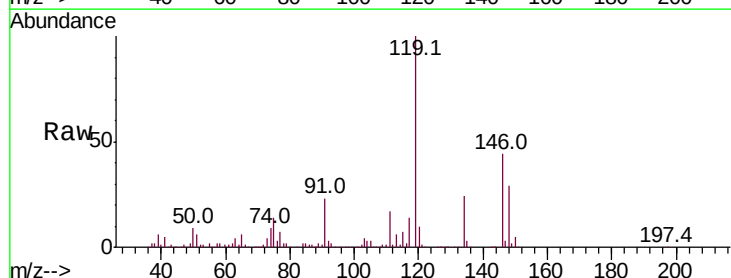
Instrument :
 MSVOA_W
 ClientSampleId :

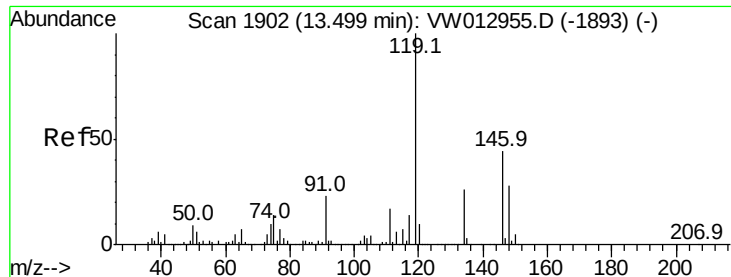
Tot Ion:105 Resp: 295215
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.709 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion:119 Resp: 270332
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.8 38.3
 91 23.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.111 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

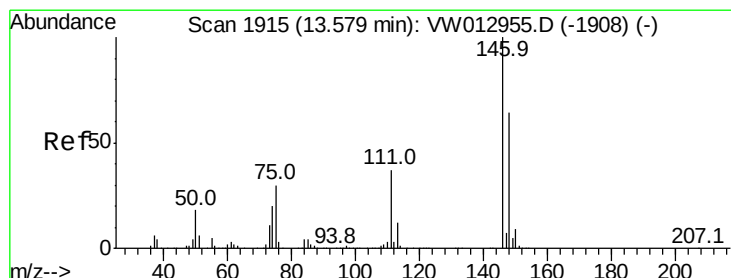
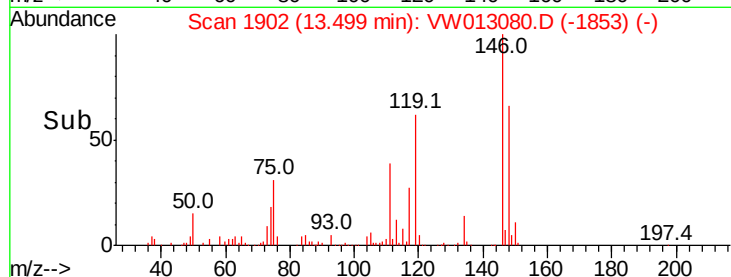
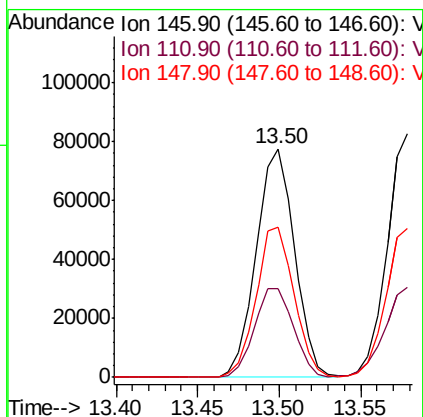
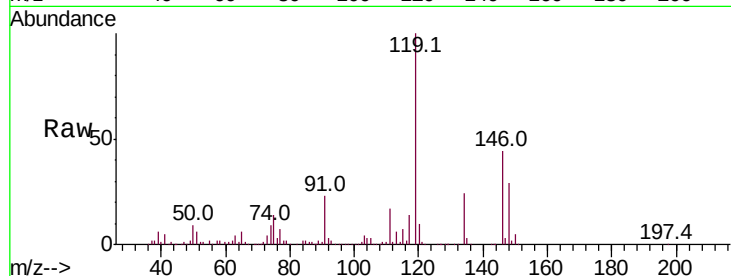
Tot Ion:146 Resp: 126288

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 65.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 19.686 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

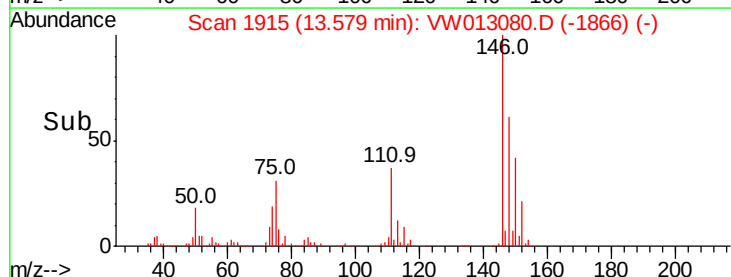
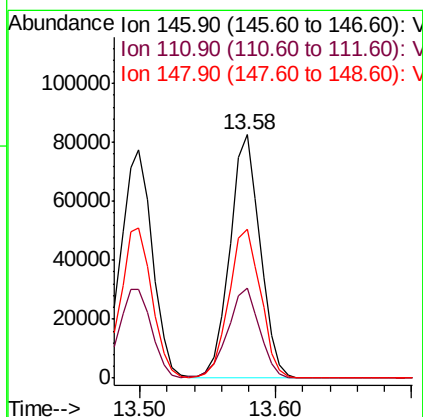
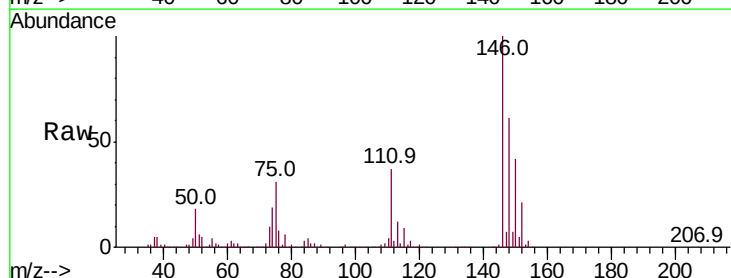
Tgt Ion:146 Resp: 127839

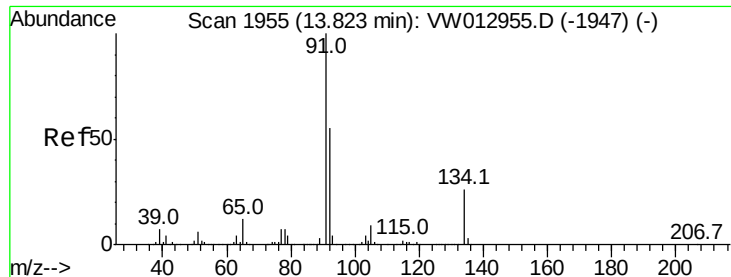
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.4 31.9 95.5

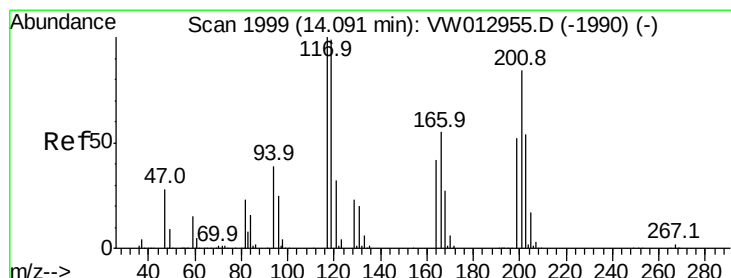
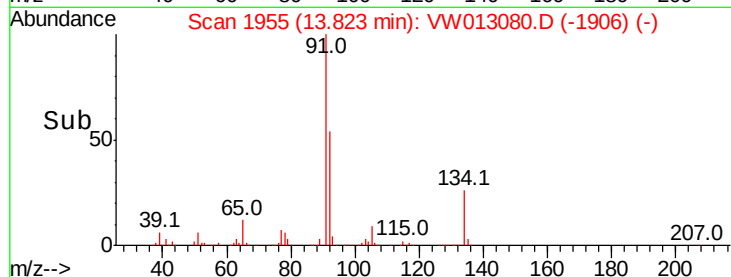
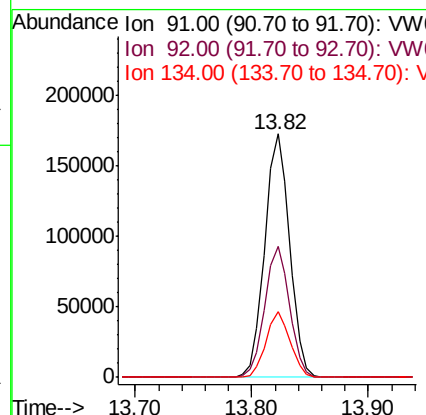
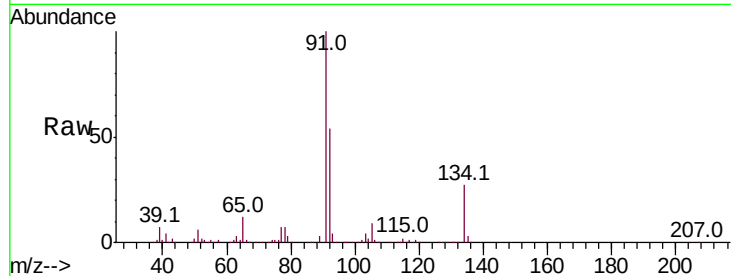




#89
n-Butylbenzene
Concen: 19.766 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

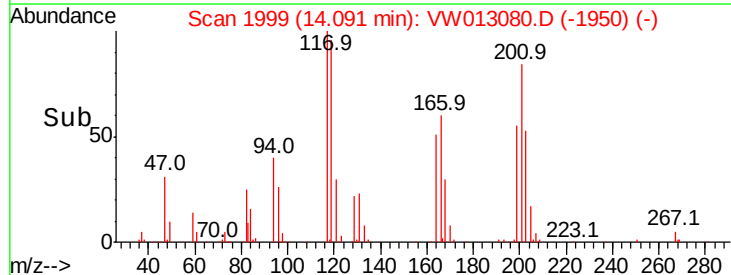
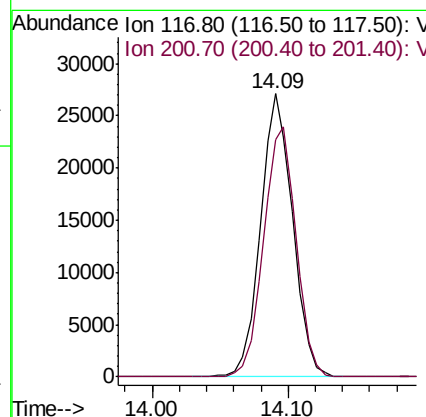
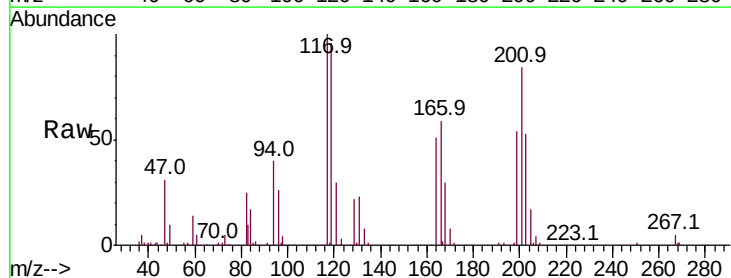
Instrument :
MSVOA_W
ClientSampleId :

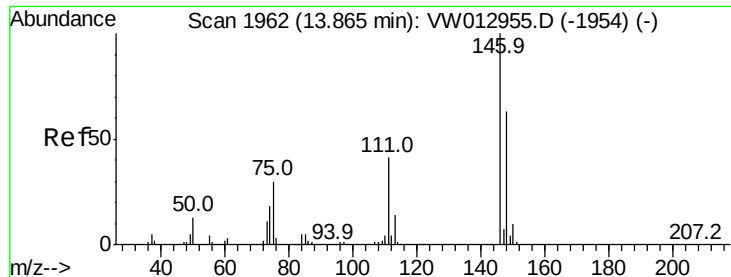
Tot Ion: 91 Resp: 255685
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 26.1 13.1 39.1



#90
Hexachloroethane
Concen: 18.215 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 117 Resp: 44773
Ion Ratio Lower Upper
117 100
201 89.4 45.3 135.9

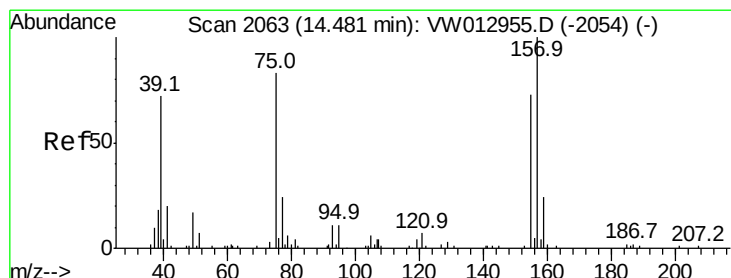
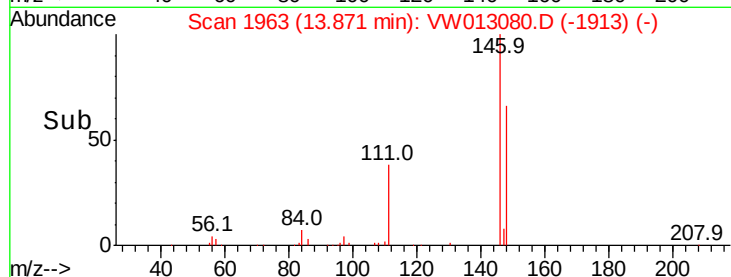
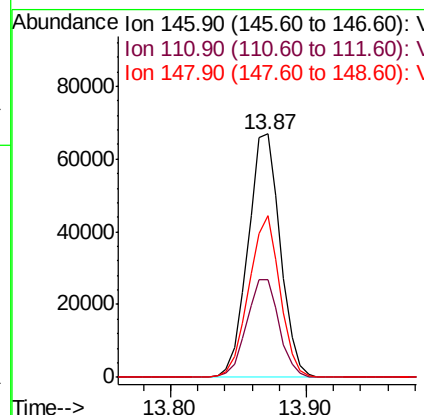
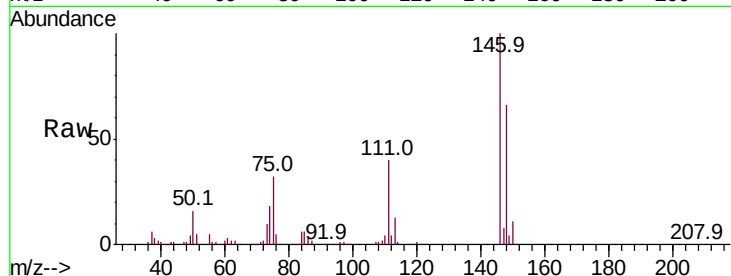




#91
 1,2-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

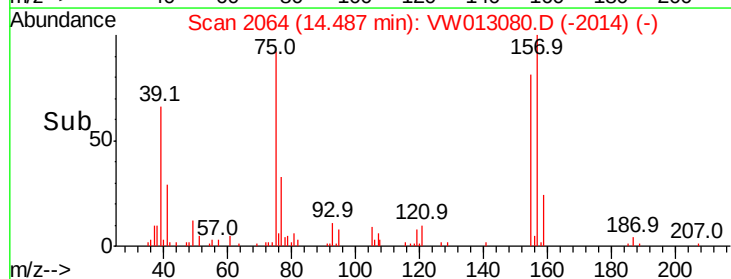
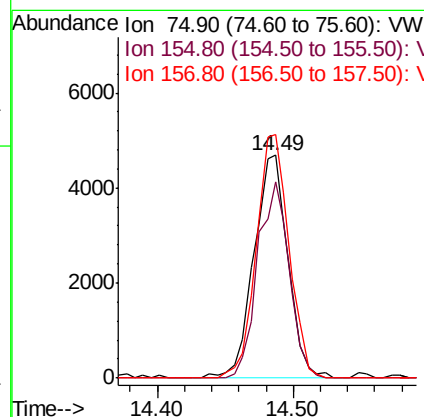
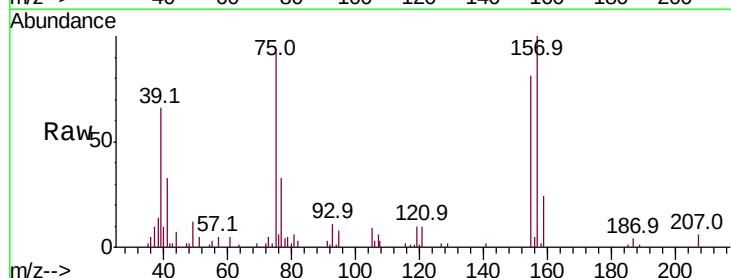
Instrument :
 MSVOA_W
 ClientSampleId :

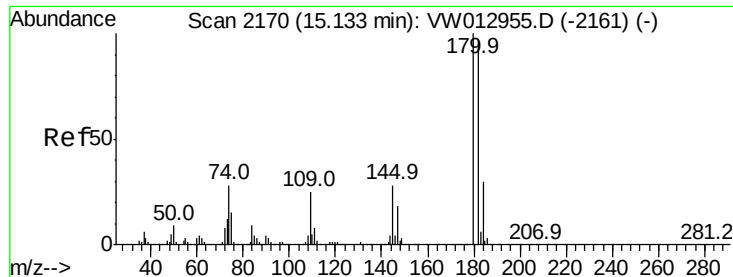
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.8	62.5
148	63.9	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.656 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	43.3	129.9
157	104.8	54.7	164.1

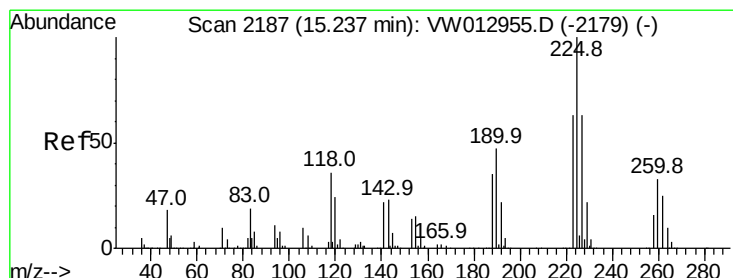
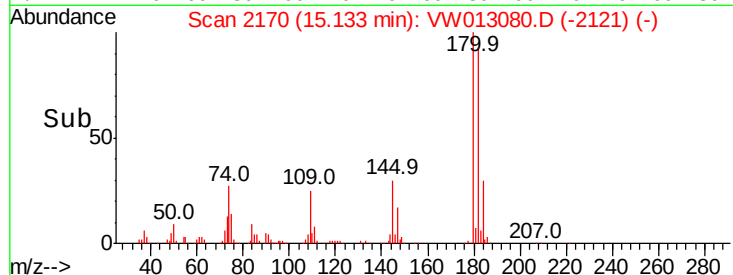
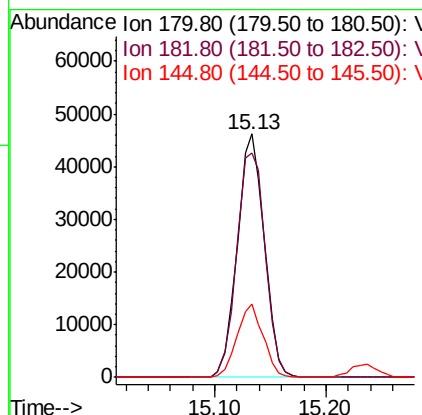
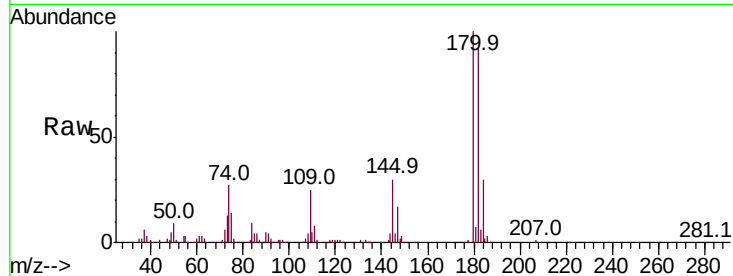




#93
 1,2,4-Trichlorobenzene
 Concen: 18.671 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

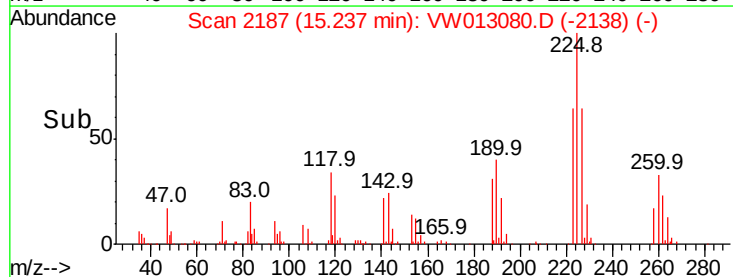
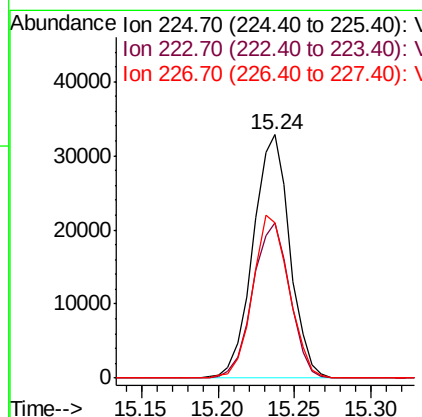
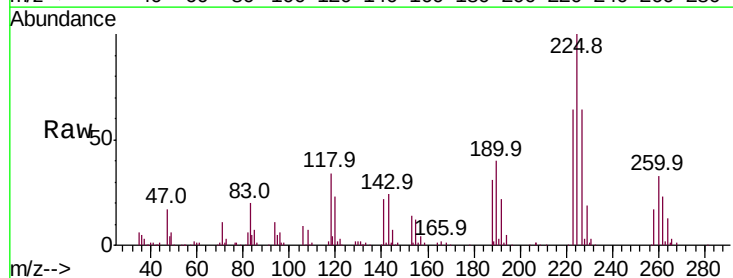
Instrument :
 MSVOA_W
 ClientSampleId :

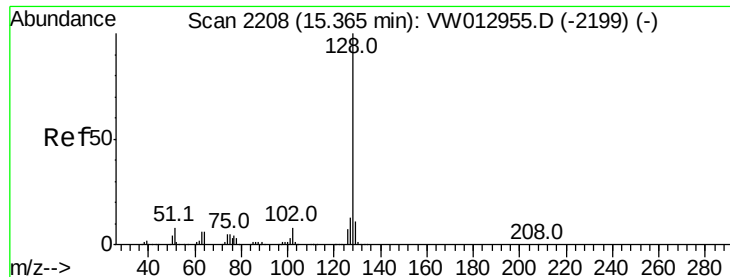
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.6	47.4	142.2
145	29.4	14.9	44.7



#94
 Hexachlorobutadiene
 Concen: 18.710 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.8	95.3
227	66.1	31.3	93.8

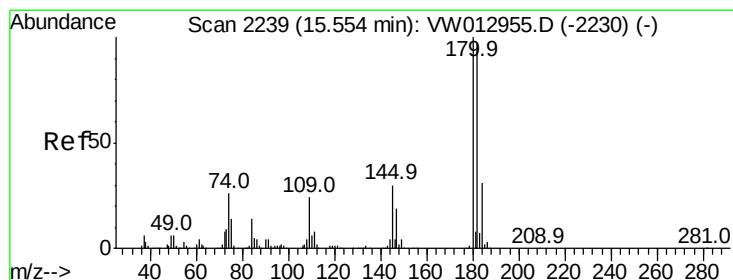
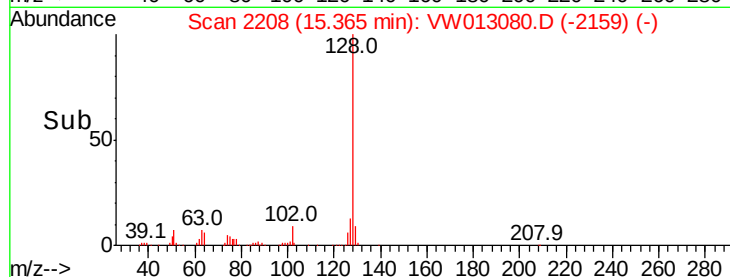
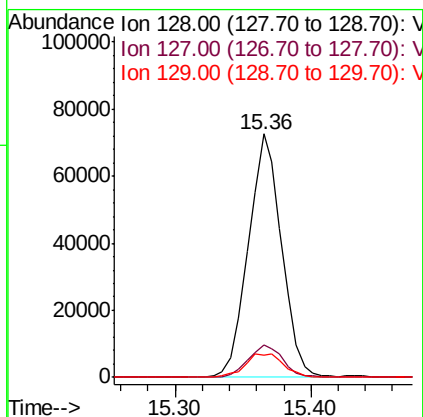
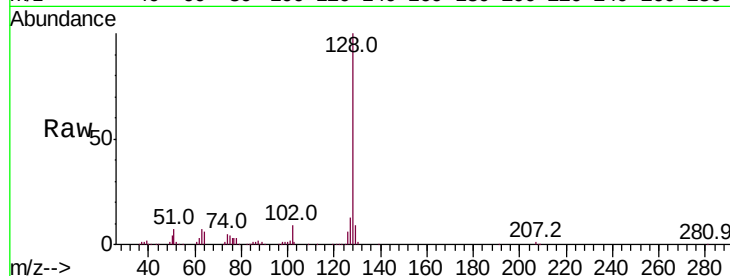




#95
Naphthalene
Concen: 17.945 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	11.0	16.6
129	11.3	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.117 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	47.6	142.8
145	30.8	15.4	46.2

