

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092019\
 Data File : VW013178.D
 Acq On : 20 Sep 2019 13:09
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 20 14:55:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 14:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	336519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	412646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	208501	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	28005	9.25	ug/l	0.00
Spiked Amount			Recovery	=	18.50%	
35) Dibromofluoromethane	7.88	113	25651	9.87	ug/l	0.00
Spiked Amount			Recovery	=	19.74%	
50) Toluene-d8	10.32	98	109788	10.71	ug/l	0.00
Spiked Amount			Recovery	=	21.42%	
62) 4-Bromofluorobenzene	12.62	95	37524	10.23	ug/l	0.00
Spiked Amount			Recovery	=	20.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	18874	12.391	ug/l	100
3) Chloromethane	2.21	50	26658	13.733	ug/l	99
4) Vinyl Chloride	2.36	62	33450	13.184	ug/l	96
5) Bromomethane	2.77	94	20892	13.272	ug/l	90
6) Chloroethane	2.92	64	19296	12.465	ug/l	89
7) Trichlorofluoromethane	3.25	101	18340	10.774	ug/l	96
8) Diethyl Ether	3.68	74	15134	11.125	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31094	11.820	ug/l	98
10) Methyl Iodide	4.27	142	46009	13.376	ug/l	99
11) Tert butyl alcohol	5.19	59	11221	47.612	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	31256	12.747	ug/l	92
13) Acrolein	3.90	56	8923	41.800	ug/l	100
14) Allyl chloride	4.67	41	48454	10.776	ug/l	99
15) Acrylonitrile	5.36	53	34311	51.228	ug/l	96
16) Acetone	4.12	43	32421	45.466	ug/l	92
17) Carbon Disulfide	4.38	76	87261	16.163	ug/l	98
18) Methyl Acetate	4.67	43	17771	10.091	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	48334	10.510	ug/l	99
20) Methylene Chloride	4.91	84	36673	12.139	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	33211	12.607	ug/l	96
22) Diisopropyl ether	6.31	45	91989	10.002	ug/l	95
23) Vinyl Acetate	6.26	43	274179	50.135	ug/l	97
24) 1,1-Dichloroethane	6.21	63	57297	10.695	ug/l	96
25) 2-Butanone	7.17	43	49151	50.788	ug/l	94
26) 2,2-Dichloropropane	7.16	77	40119	10.728	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	34638	11.234	ug/l	92
28) Bromochloromethane	7.51	49	20432	9.104	ug/l	100
29) Tetrahydrofuran	7.54	42	28757	51.458	ug/l	97
30) Chloroform	7.67	83	55997	10.409	ug/l	97
31) Cyclohexane	7.95	56	60752	12.770	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	44070	9.931	ug/l	98
36) 1,1-Dichloropropene	8.08	75	47426	11.967	ug/l	98
37) Ethyl Acetate	7.25	43	21223	10.526	ug/l	98
38) Carbon Tetrachloride	8.07	117	41510	10.450	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	58900	13.038	ug/l	95
40) Benzene	8.32	78	129223	11.680	ug/l	95
41) Methacrylonitrile	7.48	41	11168	8.501	ug/l	92
42) 1,2-Dichloroethane	8.40	62	35551	9.968	ug/l	99
43) Isopropyl Acetate	8.42	43	40008	10.367	ug/l	96
44) Trichloroethene	9.09	130	36361	11.918	ug/l	96
45) 1,2-Dichloropropane	9.37	63	31325	10.854	ug/l	97
46) Dibromomethane	9.46	93	15376	11.094	ug/l	98
47) Bromodichloromethane	9.65	83	37513	9.817	ug/l	99
48) Methyl methacrylate	9.43	41	17544	9.665	ug/l	96
49) 1,4-Dioxane	9.47	88	5625	253.353	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	98882	49.840	ug/l	99
52) Toluene	10.38	92	81487	11.579	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	38188	9.883	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	46696	10.467	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	23171	11.011	ug/l	98
56) Ethyl methacrylate	10.65	69	29659	10.534	ug/l	98
57) 1,3-Dichloropropane	10.93	76	39410	10.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	66878	44.898	ug/l	99
59) 2-Hexanone	10.97	43	67971	49.461	ug/l	98
60) Dibromochloromethane	11.13	129	25005	9.949	ug/l	99
61) 1,2-Dibromoethane	11.23	107	21963	11.405	ug/l	99
64) Tetrachloroethene	10.86	164	32700	12.752	ug/l	97
65) Chlorobenzene	11.66	112	85873	11.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	28507	10.071	ug/l	99
67) Ethyl Benzene	11.73	91	156458	11.280	ug/l	100
68) m/p-Xylenes	11.84	106	118473	23.179	ug/l	98
69) o-Xylene	12.16	106	55682	11.653	ug/l	96
70) Styrene	12.18	104	93708	11.067	ug/l	99
71) Bromoform	12.35	173	15868	10.729	ug/l #	94
73) Isopropylbenzene	12.46	105	155238	11.056	ug/l	98
74) N-amyl acetate	12.27	43	34016	9.664	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	27148	11.186	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	33213	18.259	ug/l #	100
77) Bromobenzene	12.74	156	36763	11.239	ug/l	99
78) n-propylbenzene	12.80	91	179298	10.863	ug/l	100
79) 2-Chlorotoluene	12.89	91	99958	10.571	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	130851	11.002	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	7959	9.901	ug/l	96
82) 4-Chlorotoluene	12.99	91	106651	10.747	ug/l	99
83) tert-Butylbenzene	13.21	119	114730	10.835	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	130873	11.142	ug/l	99
85) sec-Butylbenzene	13.38	105	156924	10.843	ug/l	99
86) p-Isopropyltoluene	13.50	119	145560	10.939	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	70517	10.979	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	68872	10.938	ug/l	97
89) n-Butylbenzene	13.82	91	127894	10.246	ug/l	100
90) Hexachloroethane	14.09	117	23855	10.083	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	60476	10.735	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	4236	9.704	ug/l	98

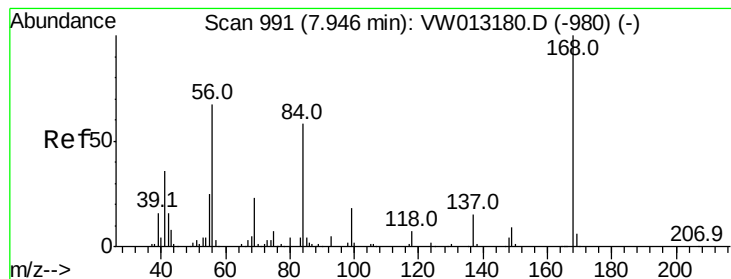
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	40521	10.066	ug/l	98
94) Hexachlorobutadiene	15.24	225	29370	10.358	ug/l	97
95) Naphthalene	15.36	128	63940	9.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	34535	9.737	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: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

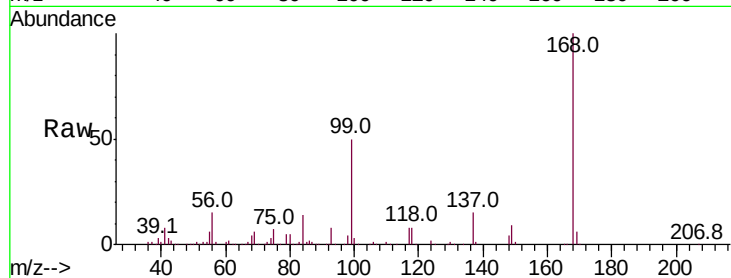
ClientSampleId :

Tot Ion:168 Resp: 336519

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

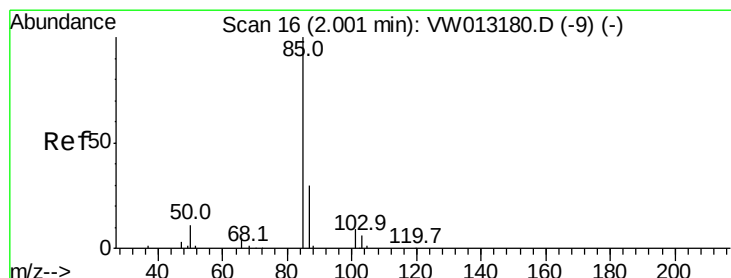
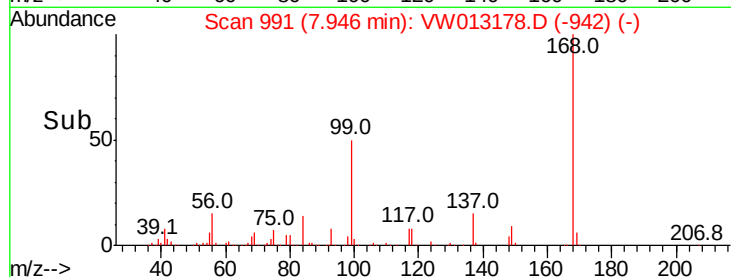
100000

50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 12.391 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW013178.D

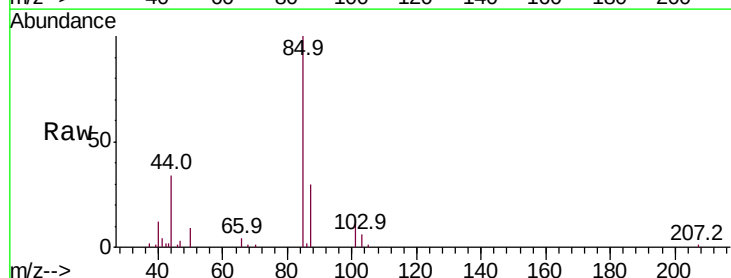
Acq: 20 Sep 2019 13:09

Tgt Ion: 85 Resp: 18874

Ion Ratio Lower Upper

85 100

87 30.2 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

6000

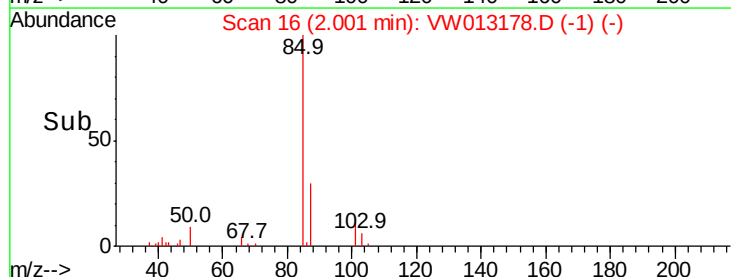
4000

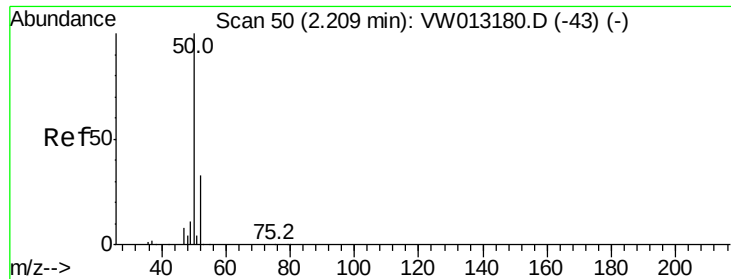
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 13.733 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

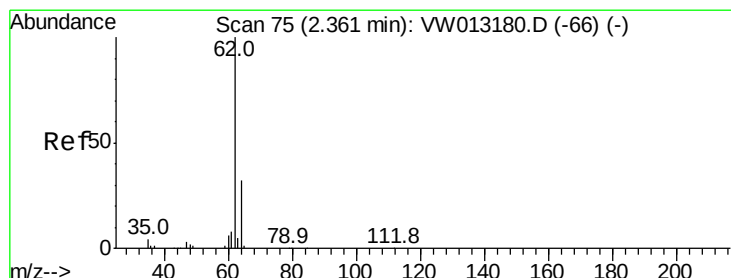
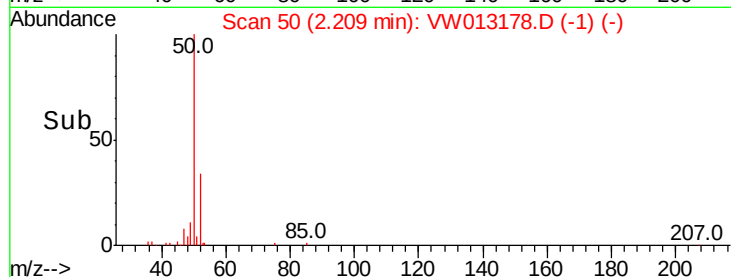
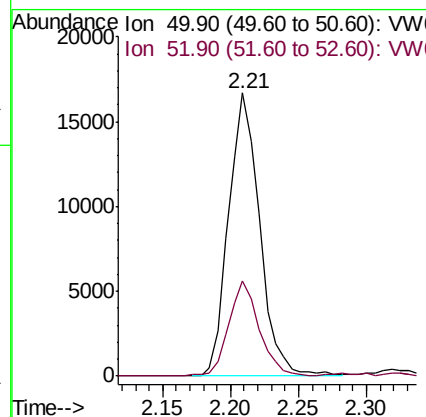
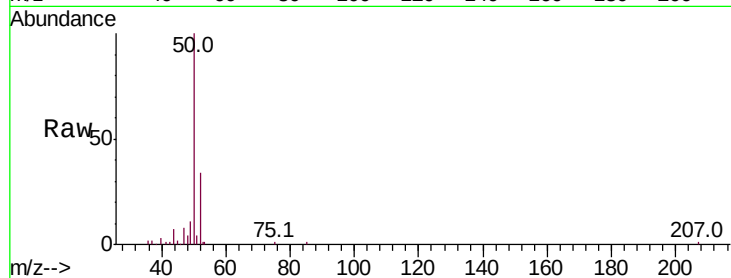
ClientSampleId :

Tot Ion: 50 Resp: 26658

Ion Ratio Lower Upper

50 100

52 33.2 26.1 39.1



#4

Vinyl Chloride

Concen: 13.184 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW013178.D

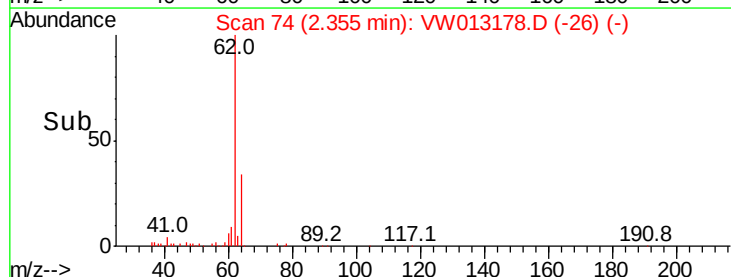
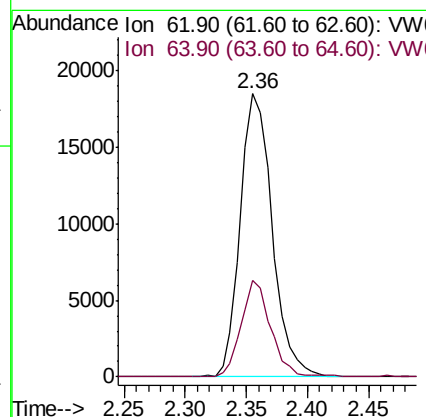
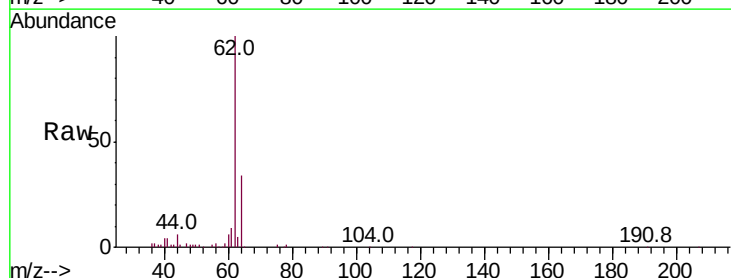
Acq: 20 Sep 2019 13:09

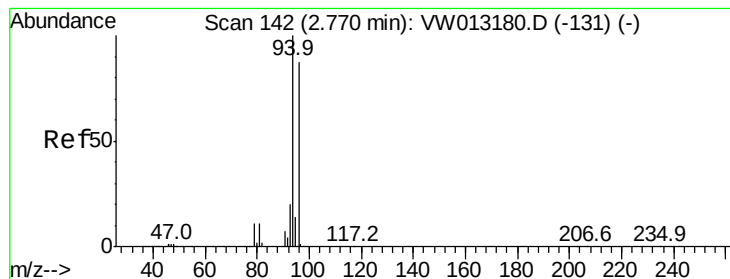
Tgt Ion: 62 Resp: 33450

Ion Ratio Lower Upper

62 100

64 34.0 25.3 37.9





#5

Bromomethane

Concen: 13.272 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

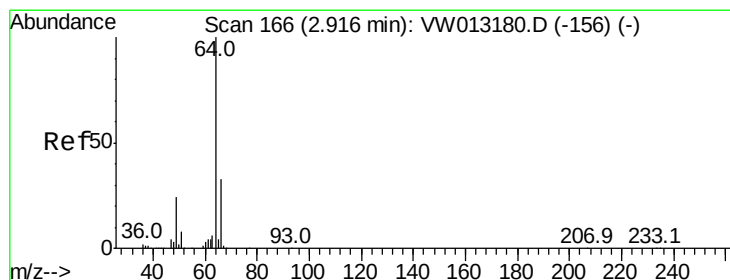
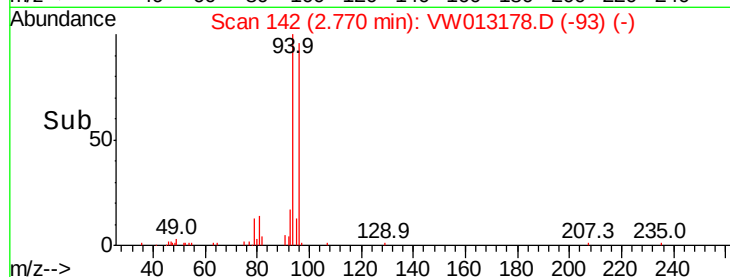
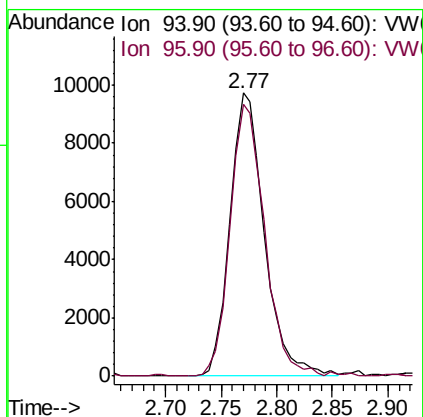
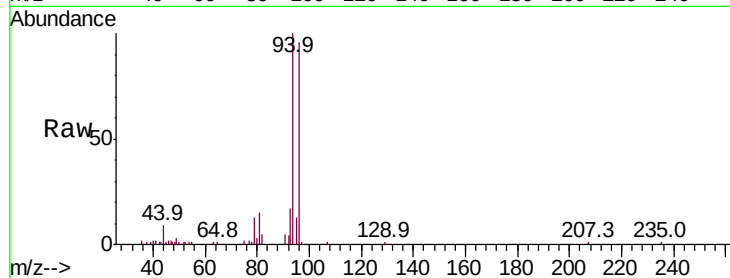
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 94 Resp: 20892

Ion Ratio Lower Upper

94 100

96 96.1 69.7 104.5



#6

Chloroethane

Concen: 12.465 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013178.D

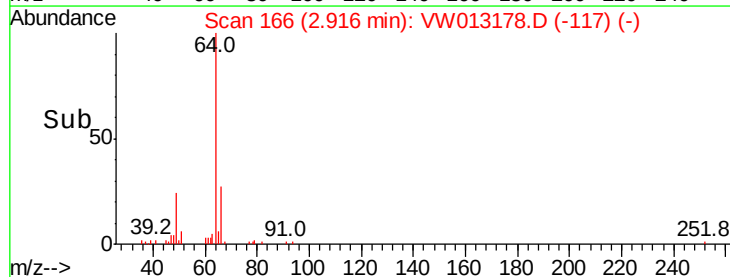
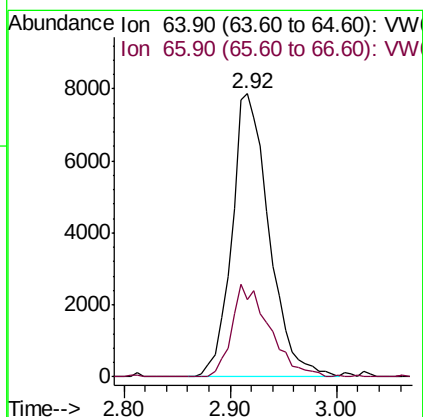
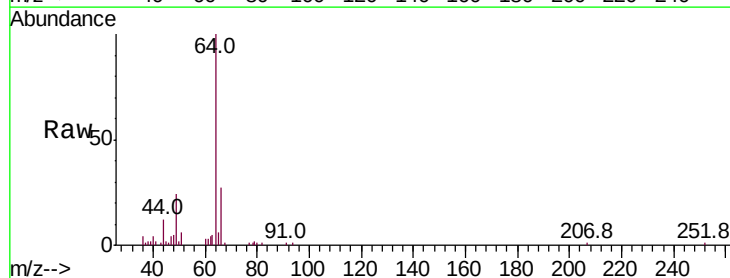
Acq: 20 Sep 2019 13:09

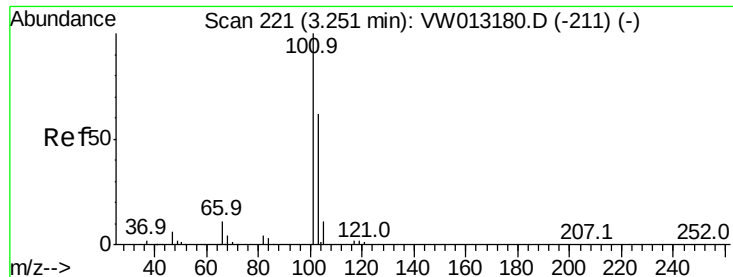
Tgt Ion: 64 Resp: 19296

Ion Ratio Lower Upper

64 100

66 27.2 26.6 39.8



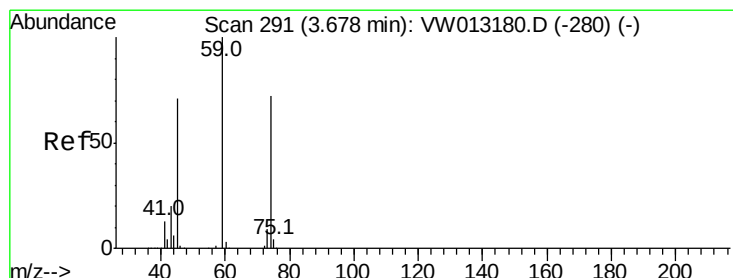
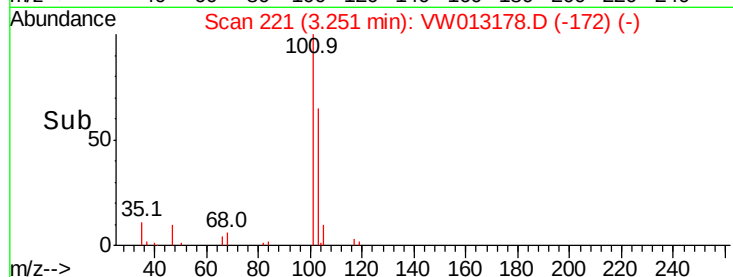
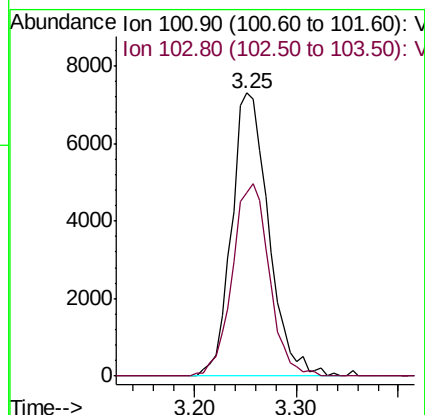
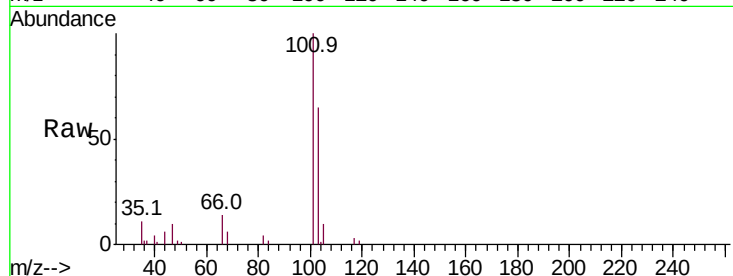


#7

Trichlorofluoromethane
 Concen: 10.774 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Instrument :
 MSVOA_W
 ClientSampled :

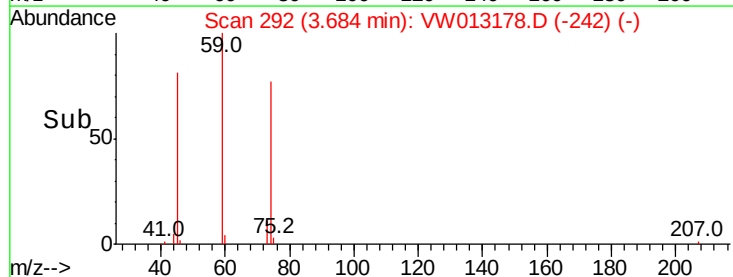
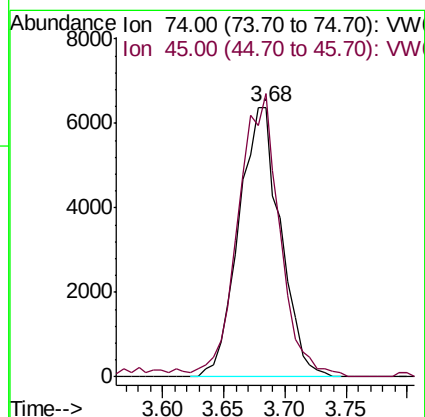
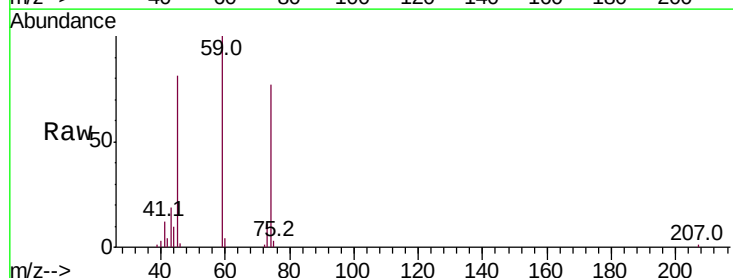
Tot Ion:101 Resp: 18340
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.7 74.5

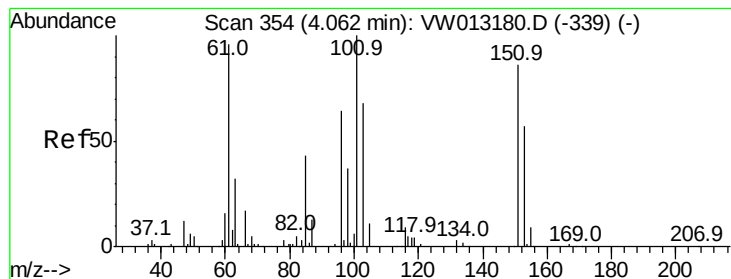


#8

Diethyl Ether
 Concen: 11.125 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 74 Resp: 15134
 Ion Ratio Lower Upper
 74 100
 45 104.4 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.820 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampled :

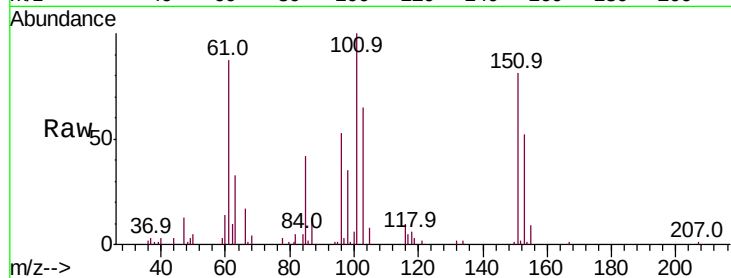
Tot Ion:101 Resp: 31094

Ion Ratio Lower Upper

101 100

85 40.4 33.4 50.0

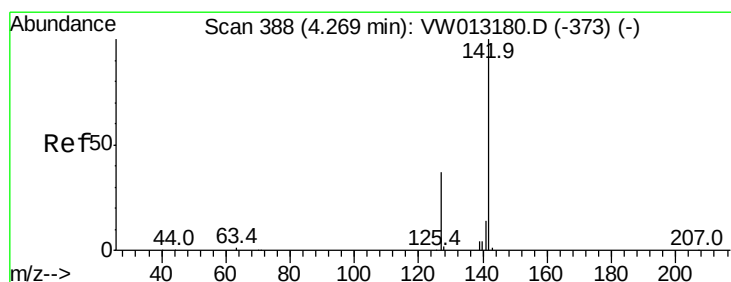
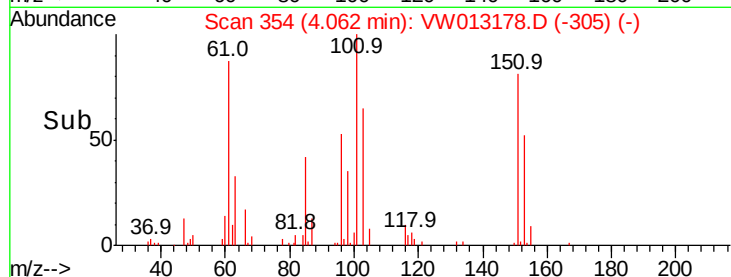
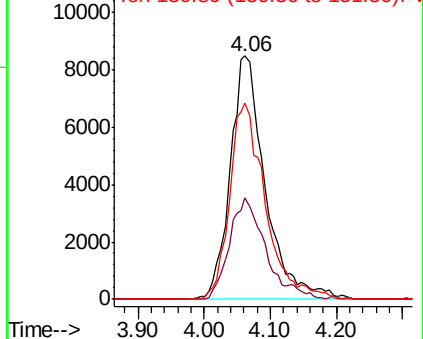
151 82.3 66.9 100.3



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: 13.376 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

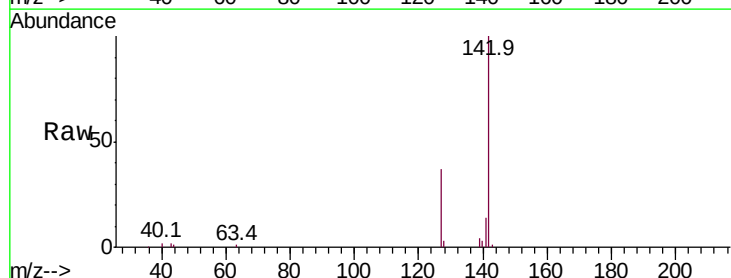
Tgt Ion:142 Resp: 46009

Ion Ratio Lower Upper

142 100

127 39.8 30.9 46.3

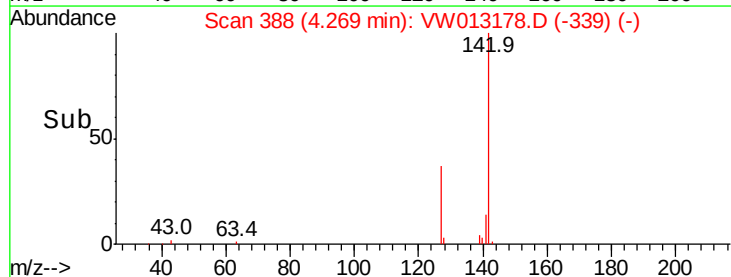
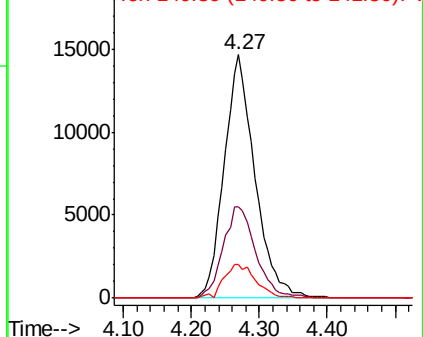
141 14.6 11.7 17.5

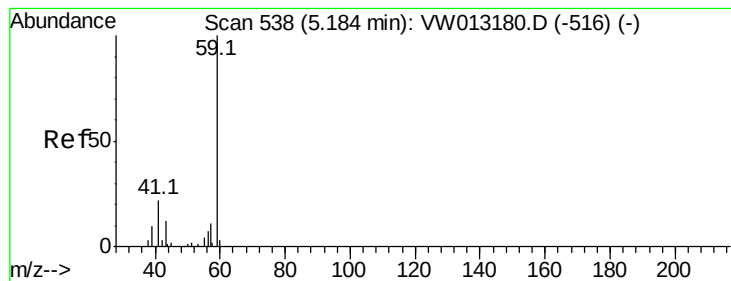


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



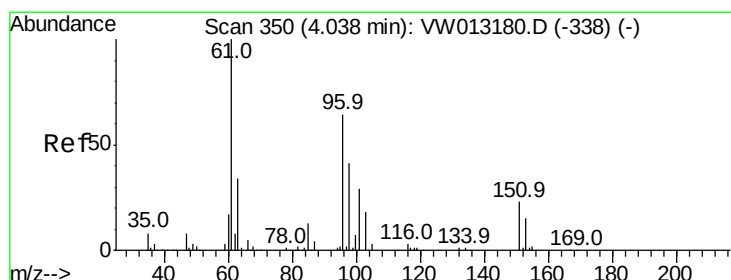
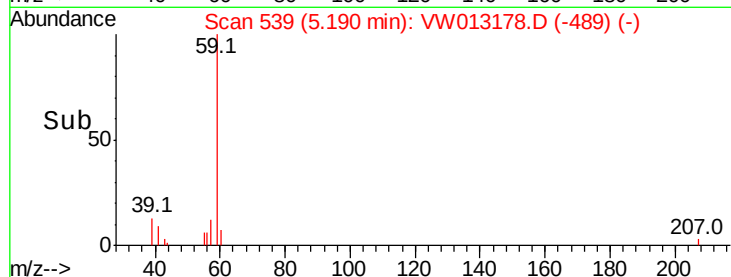
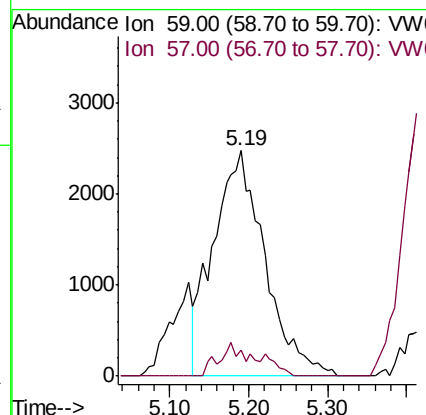
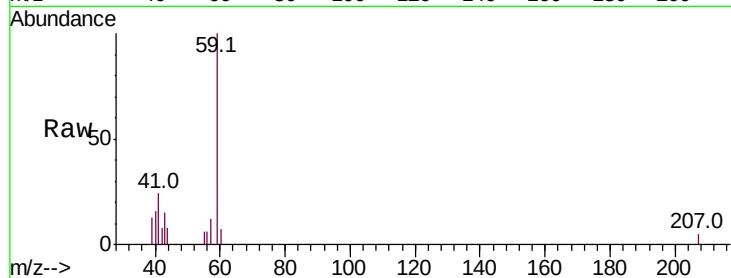


#11

Tert butyl alcohol
Concen: 47.612 ug/l
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

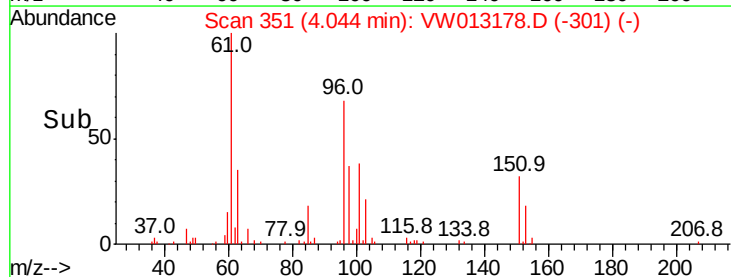
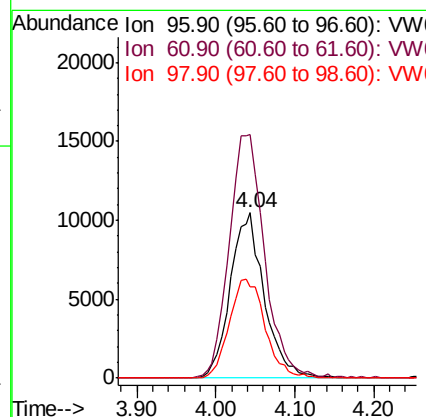
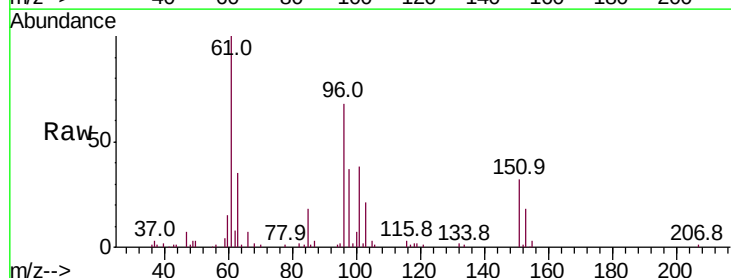
Tot Ion: 59 Resp: 11221
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.2#

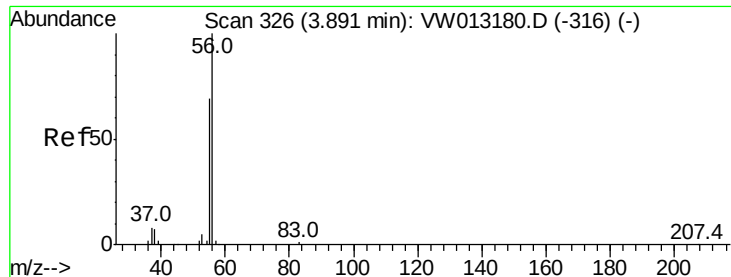


#12

1,1-Dichloroethene
Concen: 12.747 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 96 Resp: 31256
Ion Ratio Lower Upper
96 100
61 147.3 125.1 187.7
98 55.2 50.8 76.2





#13

Acrolein

Concen: 41.800 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

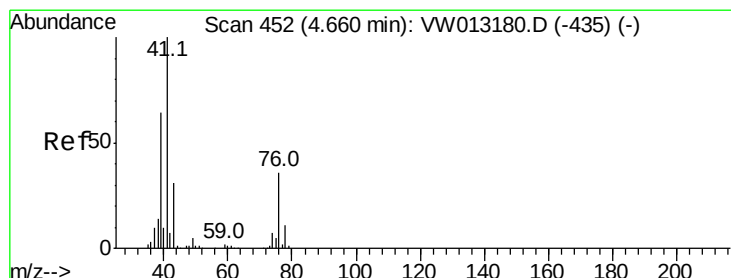
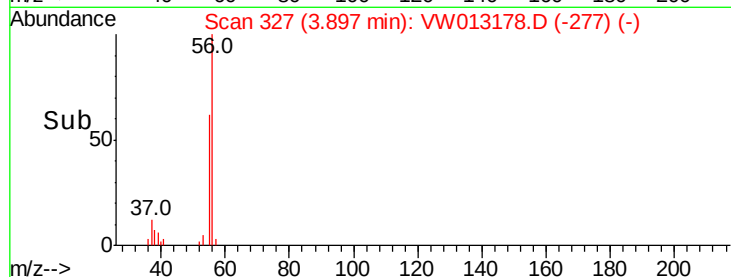
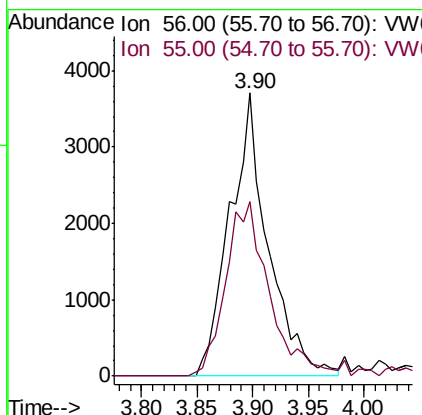
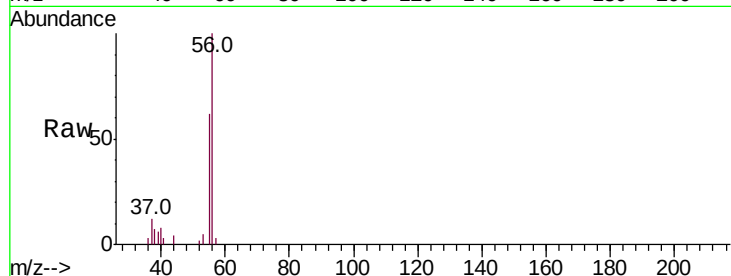
ClientSampleId :

Tot Ion: 56 Resp: 8923

Ion Ratio Lower Upper

56 100

55 69.2 55.4 83.0



#14

Allyl chloride

Concen: 10.776 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

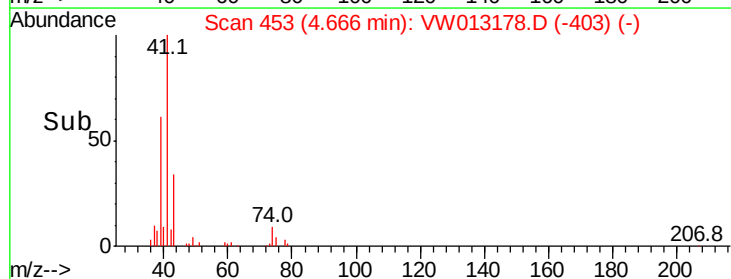
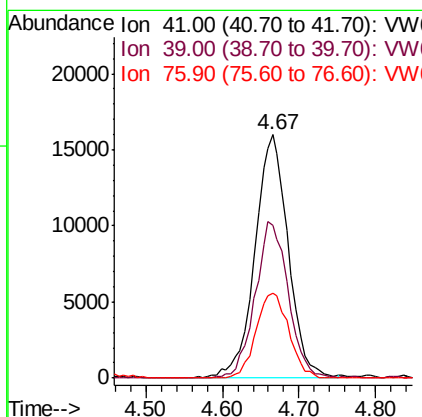
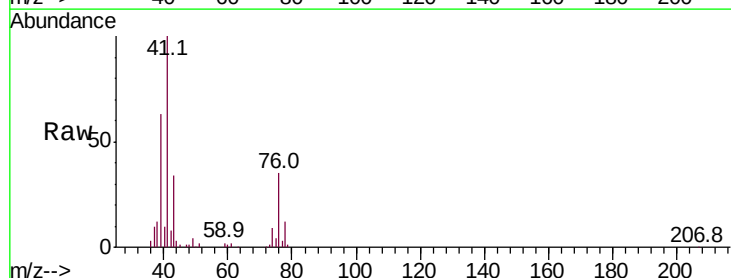
Tgt Ion: 41 Resp: 48454

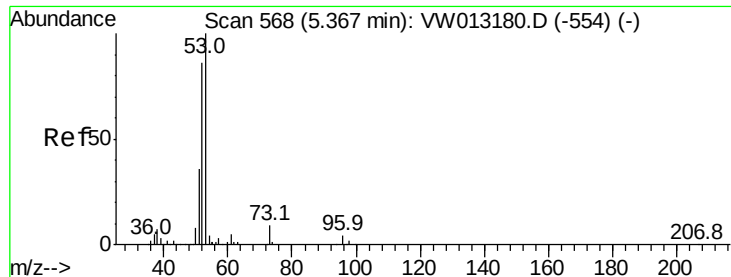
Ion Ratio Lower Upper

41 100

39 64.0 51.0 76.4

76 34.6 28.4 42.6





#15

Acrylonitrile

Concen: 51.228 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampled :

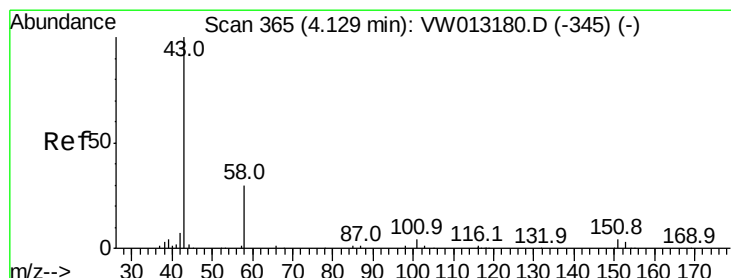
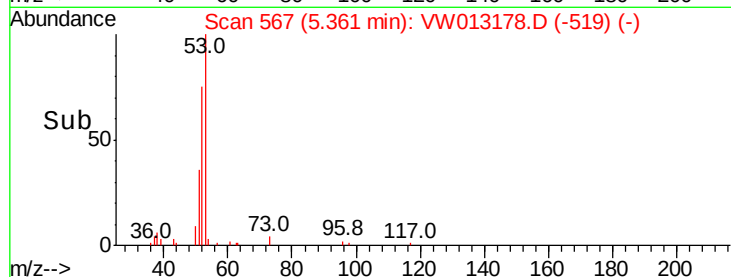
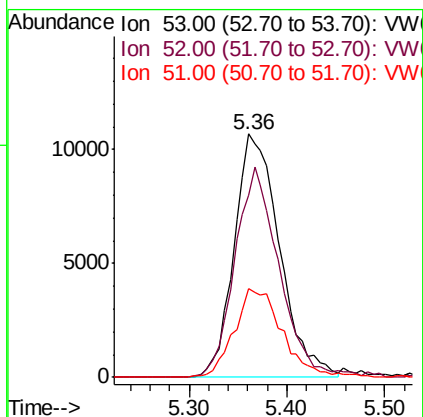
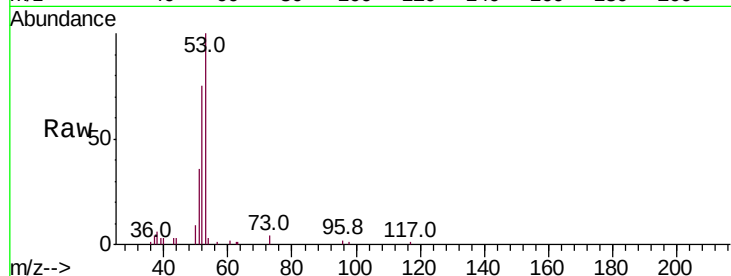
Tot Ion: 53 Resp: 34311

Ion Ratio Lower Upper

53 100

52 84.9 65.3 97.9

51 38.6 29.0 43.4



#16

Acetone

Concen: 45.466 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013178.D

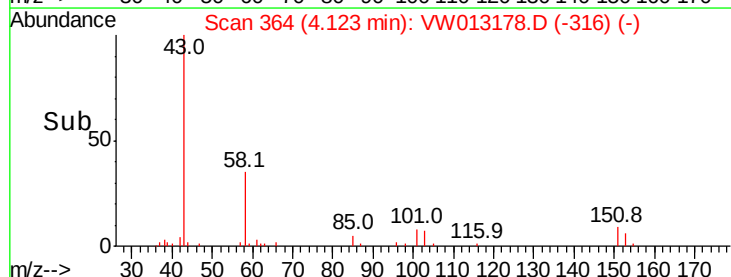
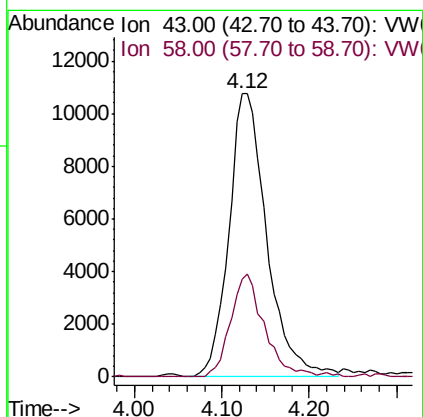
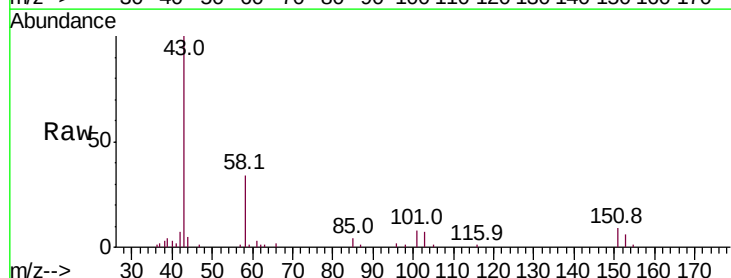
Acq: 20 Sep 2019 13:09

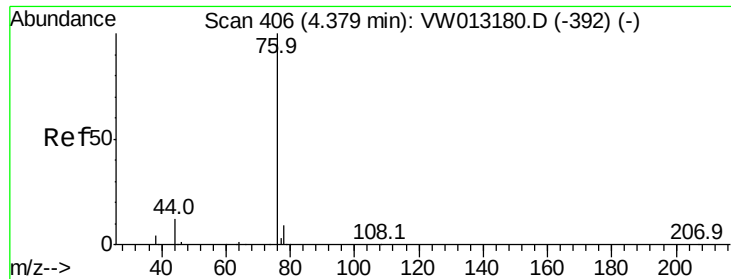
Tgt Ion: 43 Resp: 32421

Ion Ratio Lower Upper

43 100

58 34.5 24.1 36.1





#17

Carbon Disulfide

Concen: 16.163 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

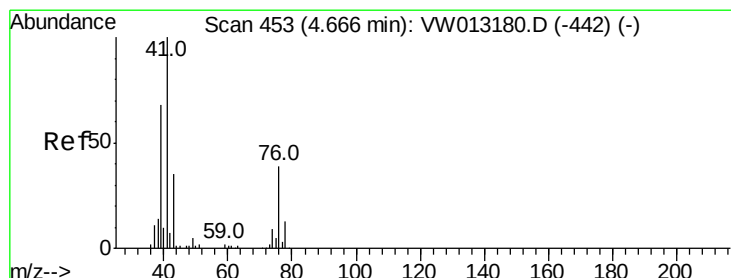
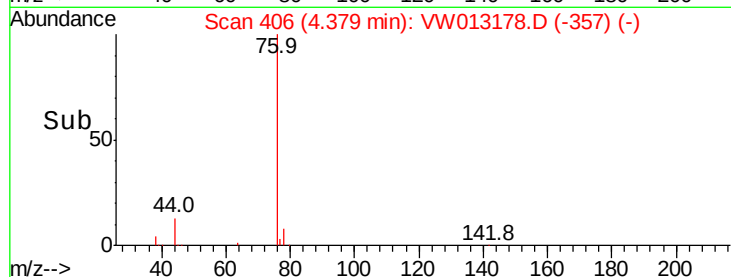
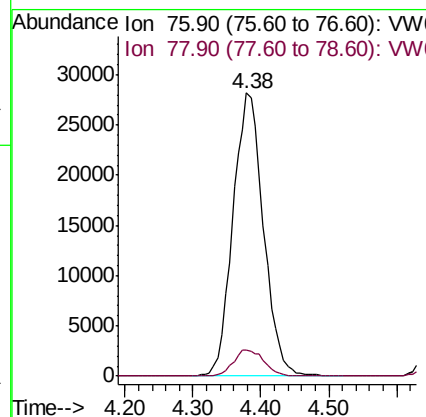
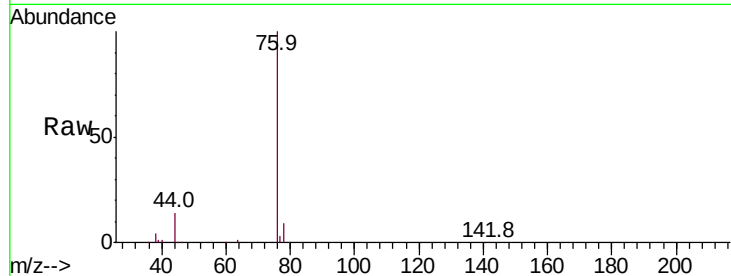
ClientSampleId :

Tot Ion: 76 Resp: 87261

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 10.091 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW013178.D

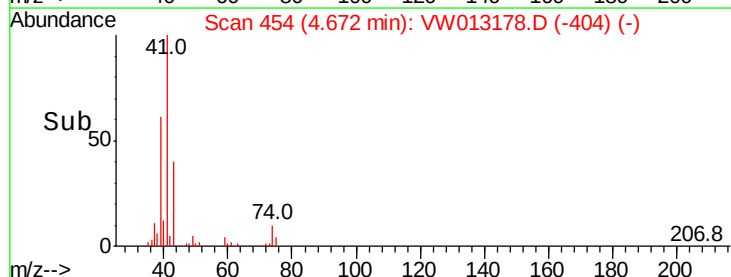
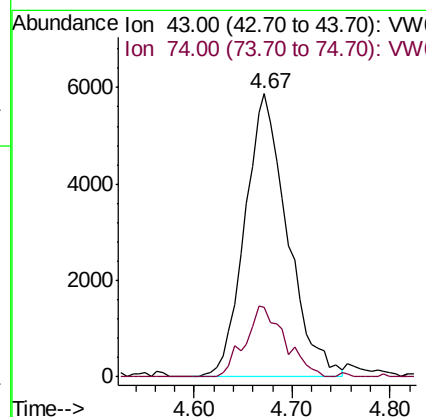
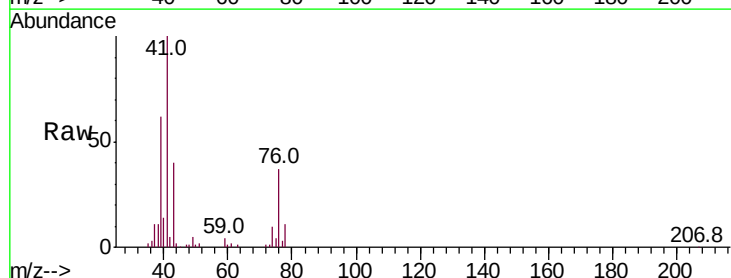
Acq: 20 Sep 2019 13:09

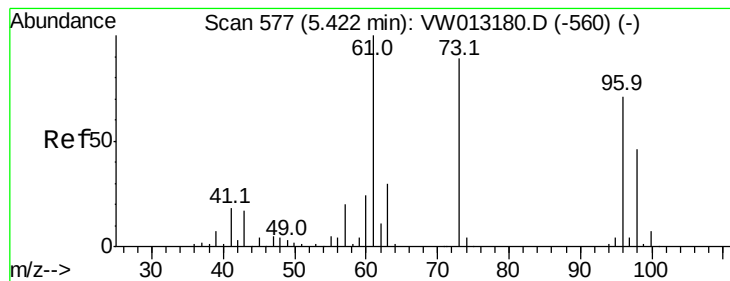
Tgt Ion: 43 Resp: 17771

Ion Ratio Lower Upper

43 100

74 23.5 19.3 28.9



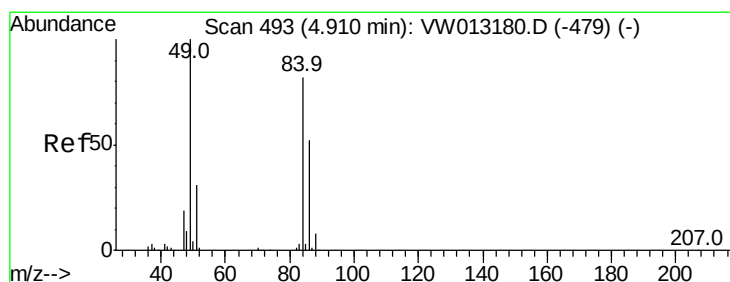
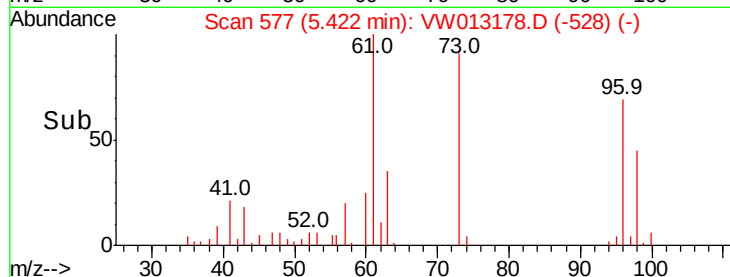
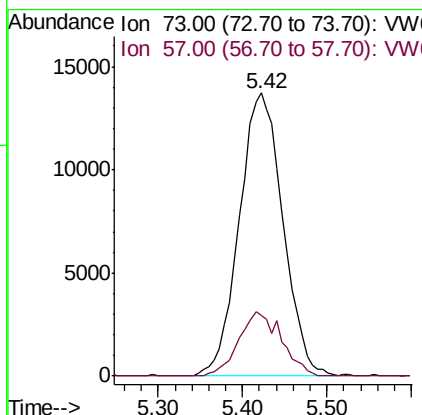
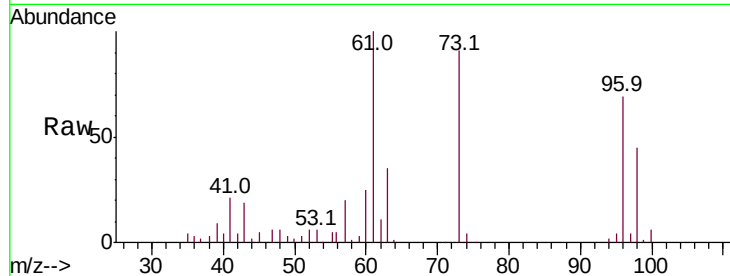


#19

Methyl tert-butyl Ether
 Concen: 10.510 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Instrument :
 MSVOA_W
 ClientSampled :

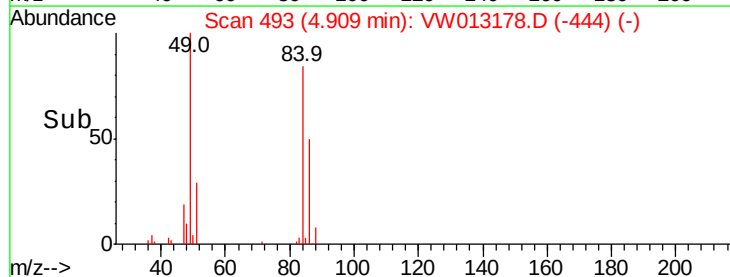
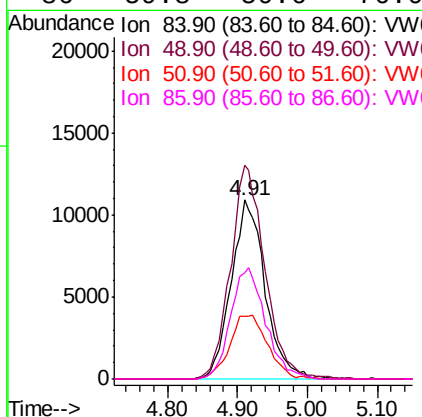
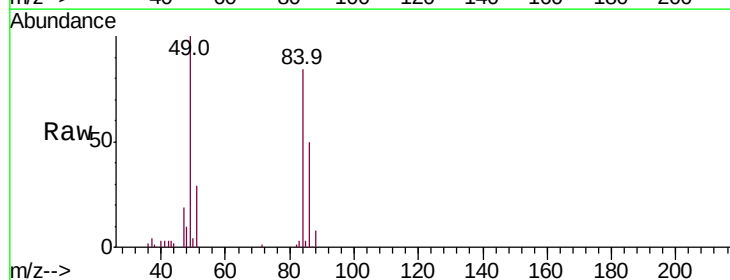
Tot Ion: 73 Resp: 48334
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.6 26.4

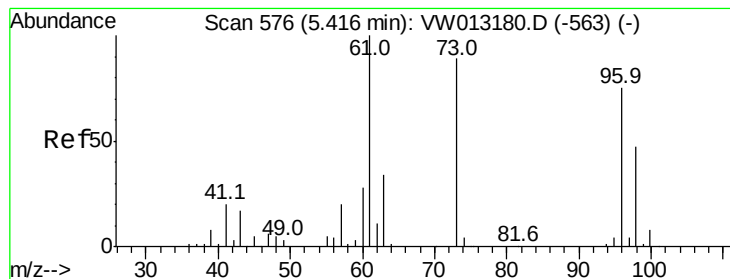


#20

Methylene Chloride
 Concen: 12.139 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 84 Resp: 36673
 Ion Ratio Lower Upper
 84 100
 49 119.6 97.6 146.4
 51 34.8 30.2 45.2
 86 59.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 12.607 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :

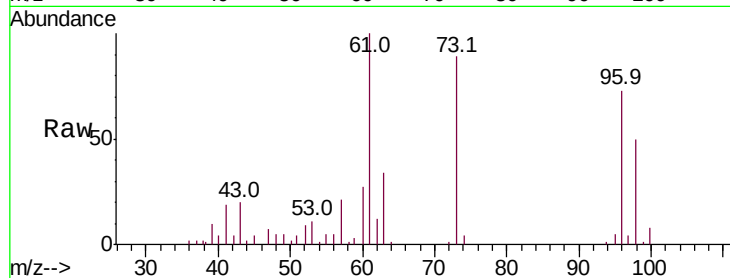
Tot Ion: 96 Resp: 33211

Ion Ratio Lower Upper

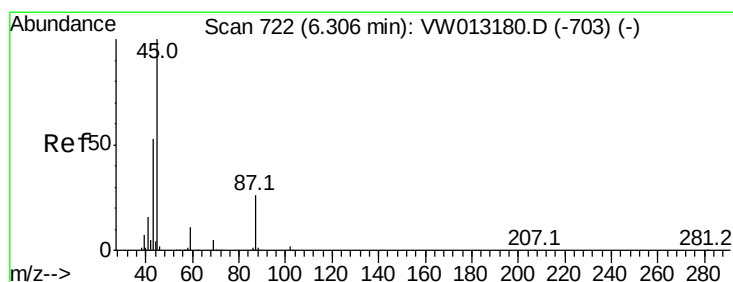
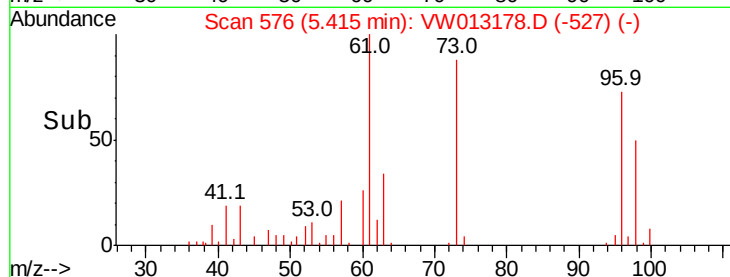
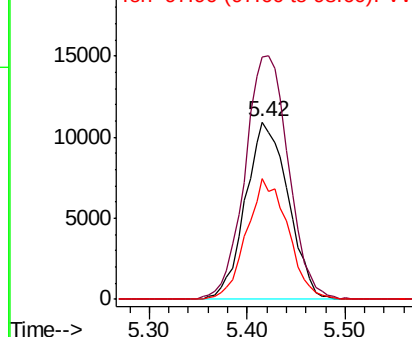
96 100

61 136.3 106.6 159.8

98 67.8 49.8 74.8



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



#22

Diisopropyl ether

Concen: 10.002 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Tgt Ion: 45 Resp: 91989

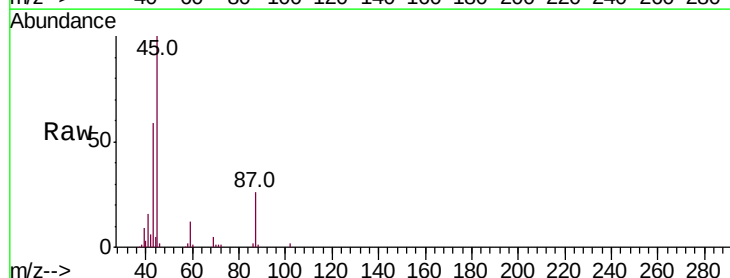
Ion Ratio Lower Upper

45 100

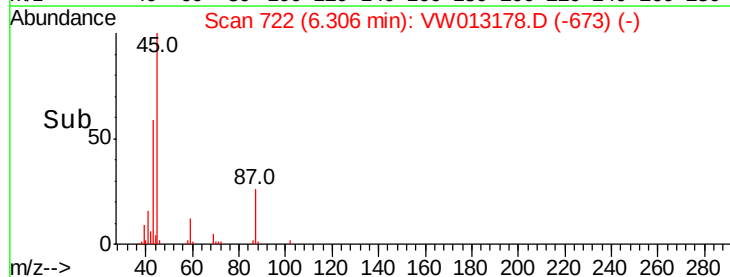
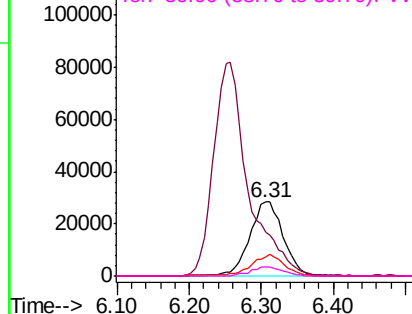
43 57.8 42.4 63.6

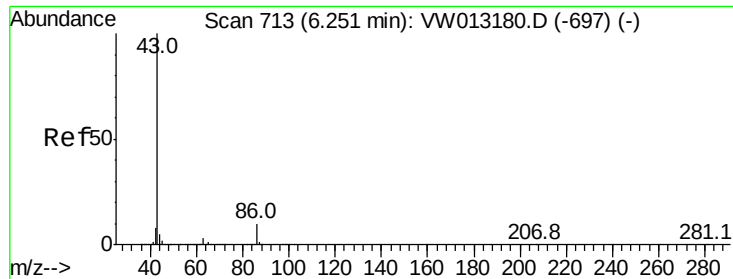
87 26.3 20.4 30.6

59 11.7 8.8 13.2



Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 50.135 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

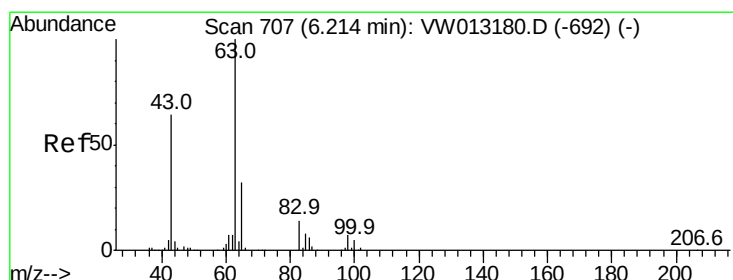
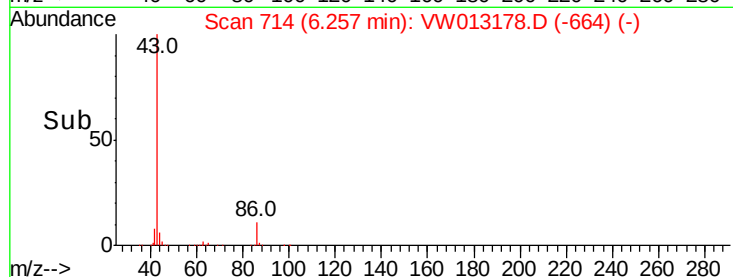
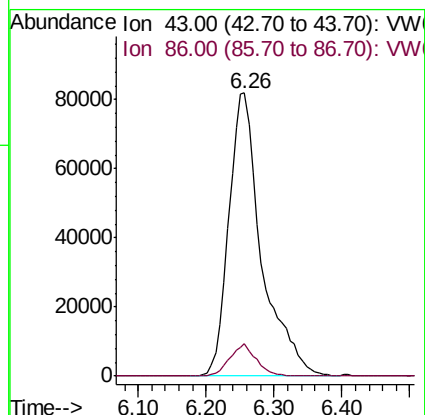
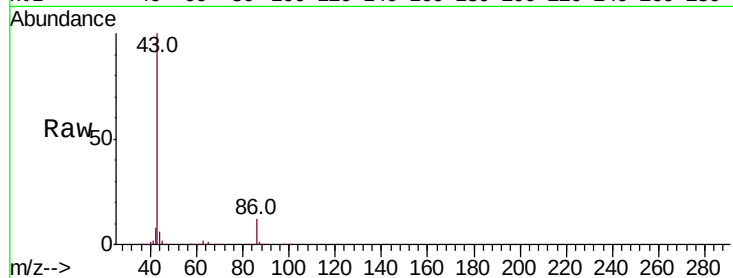
ClientSampleId :

Tot Ion: 43 Resp: 274179

Ion Ratio Lower Upper

43 100

86 11.7 8.3 12.5



#24

1,1-Dichloroethane

Concen: 10.695 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

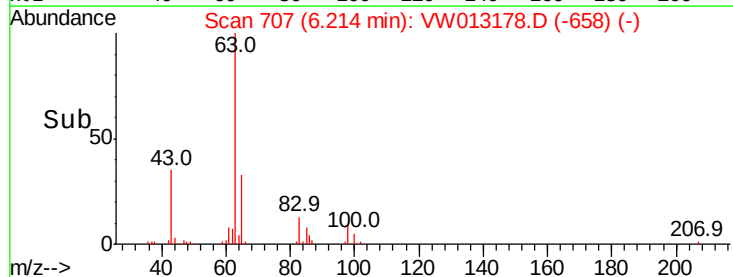
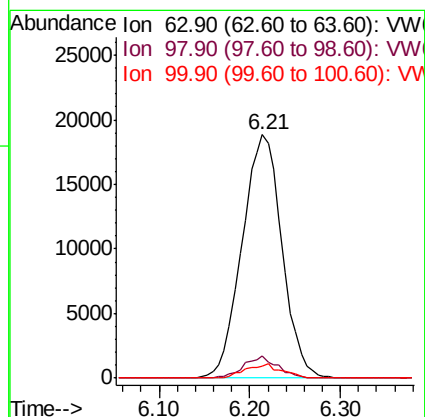
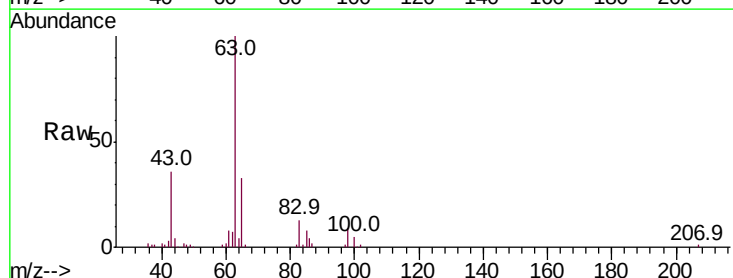
Tgt Ion: 63 Resp: 57297

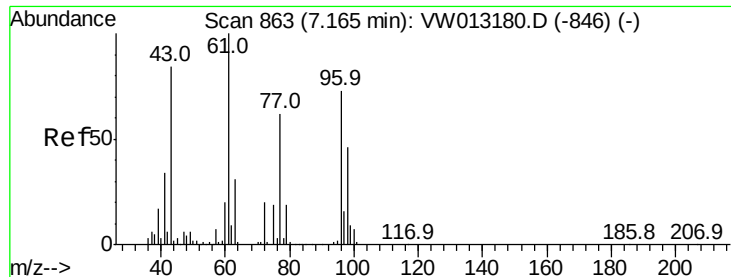
Ion Ratio Lower Upper

63 100

98 9.1 3.5 10.5

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 50.788 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

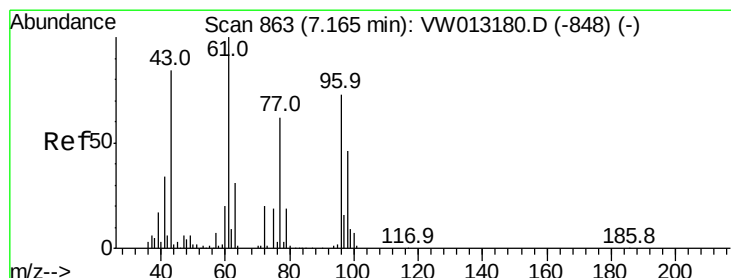
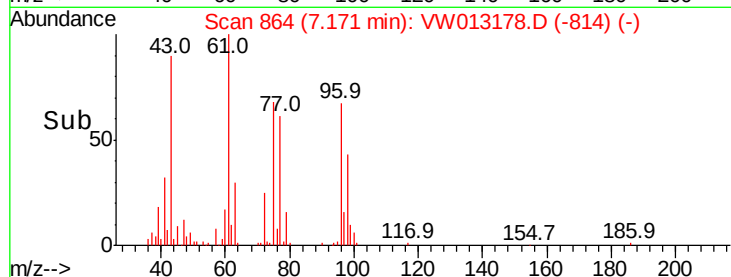
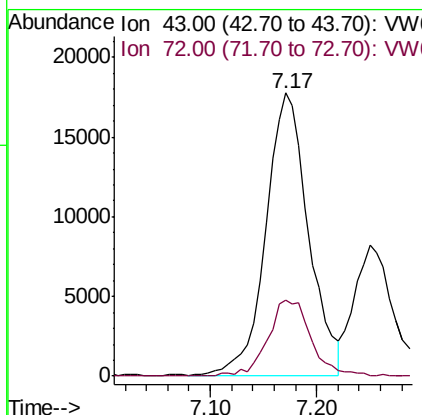
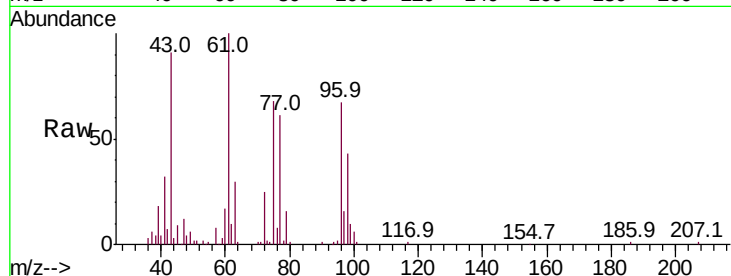
ClientSampled :

Tot Ion: 43 Resp: 49151

Ion Ratio Lower Upper

43 100

72 27.1 19.4 29.0



#26

2,2-Dichloropropane

Concen: 10.728 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW013178.D

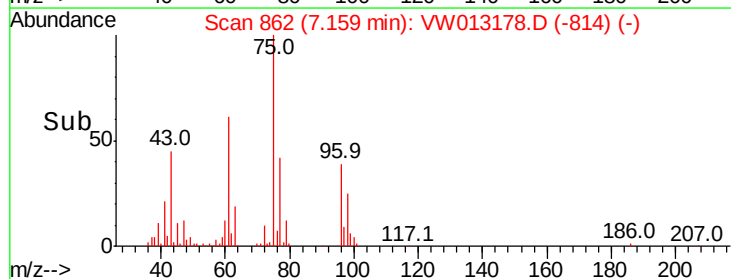
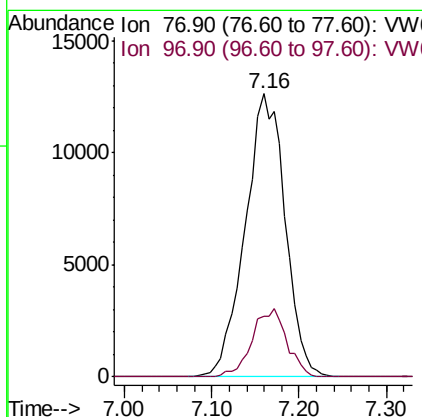
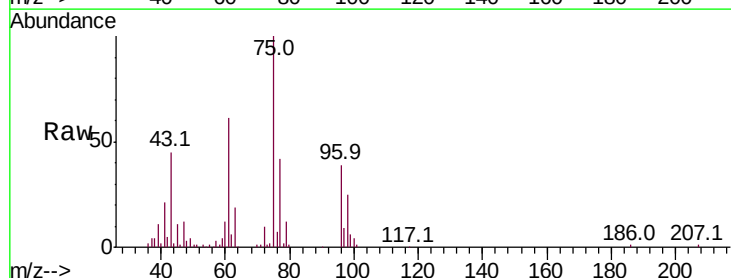
Acq: 20 Sep 2019 13:09

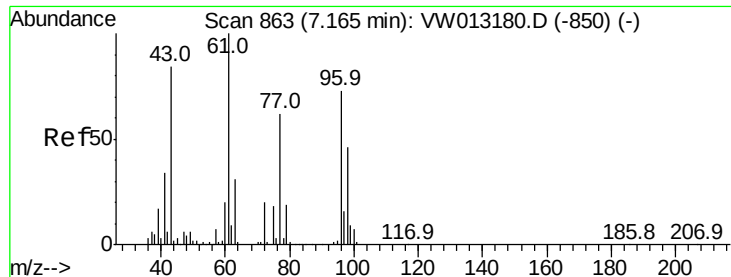
Tgt Ion: 77 Resp: 40119

Ion Ratio Lower Upper

77 100

97 20.9 11.8 35.4



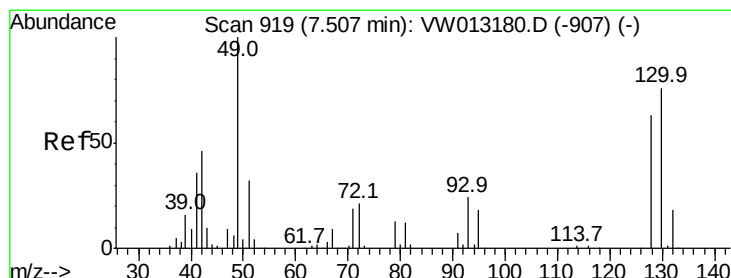
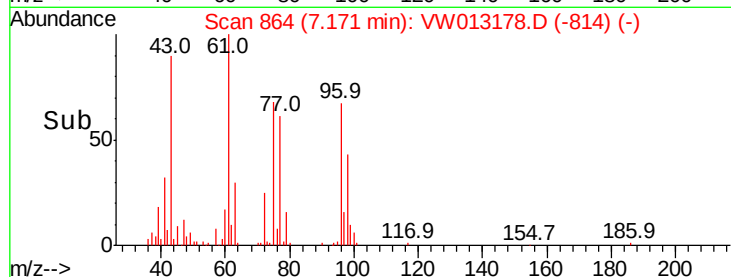
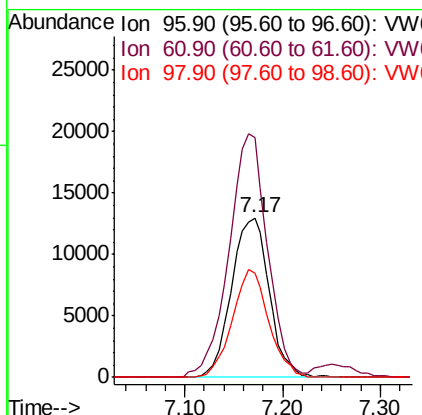
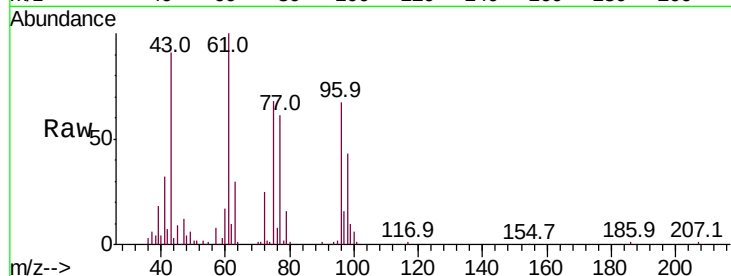


#27

cis-1,2-Dichloroethene
Concen: 11.234 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

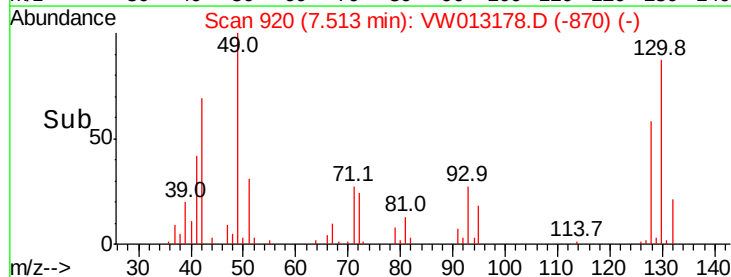
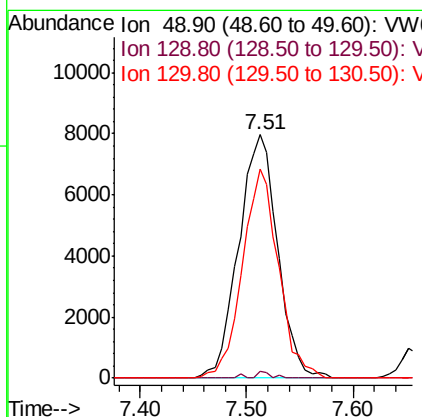
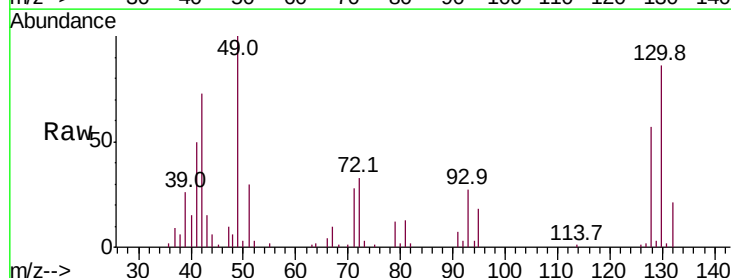
Tot Ion: 96 Resp: 34638
Ion Ratio Lower Upper
96 100
61 155.5 0.0 282.4
98 64.9 0.0 128.2

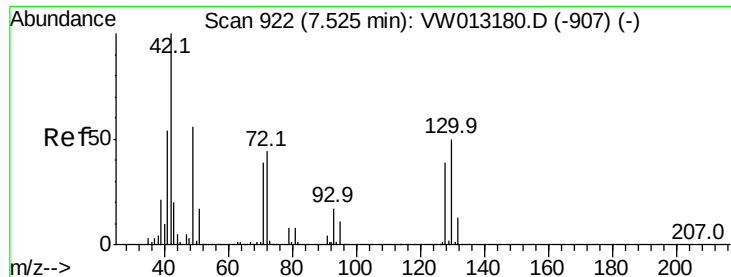


#28

Bromochloromethane
Concen: 9.104 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 49 Resp: 20432
Ion Ratio Lower Upper
49 100
129 0.8 0.0 1.0
130 79.4 63.4 95.2

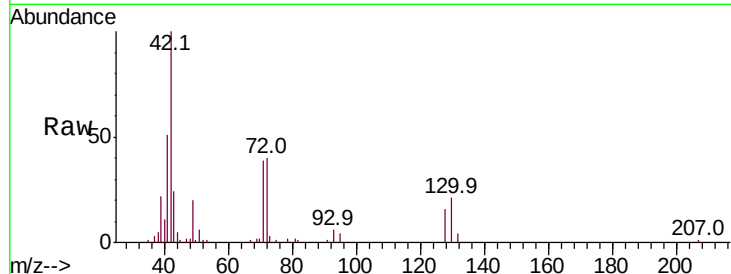




#29
Tetrahydrofuran
Concen: 51.458 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	33.9	50.9
71	42.2	31.9	47.9

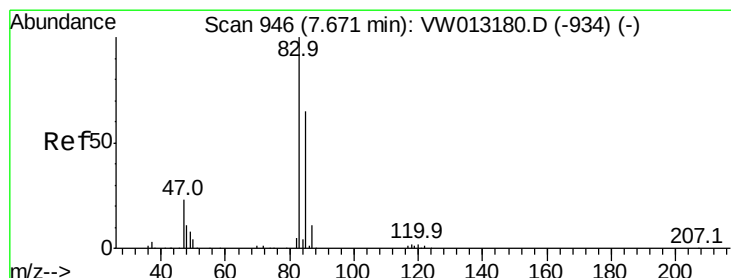
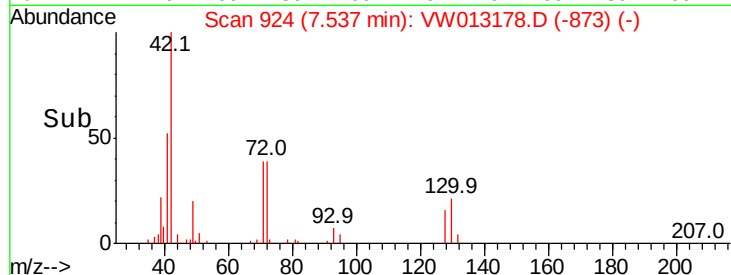
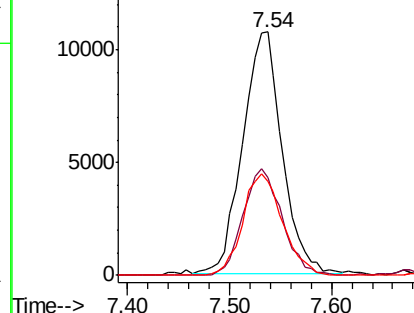


Abundance

Ion 42.00 (41.70 to 42.70): VW

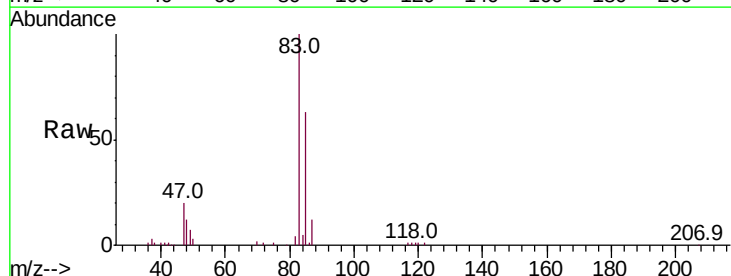
Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW



#30
Chloroform
Concen: 10.409 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

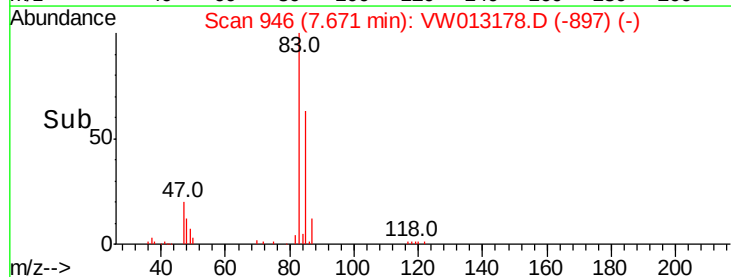
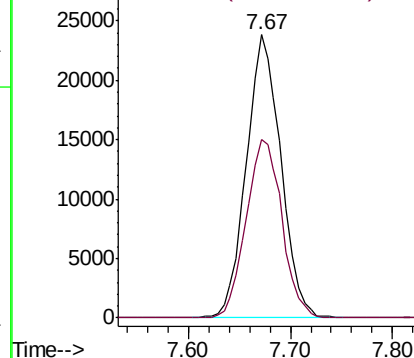
Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5

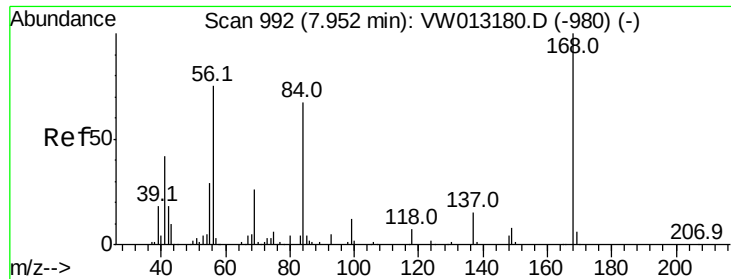


Abundance

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

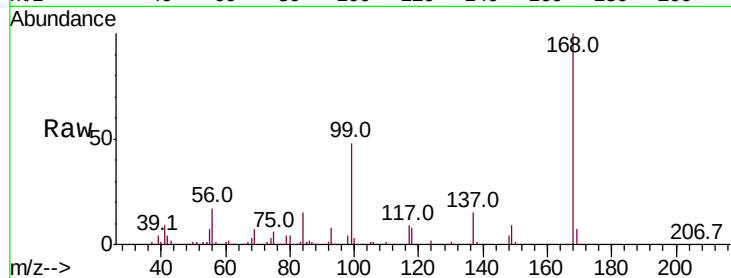




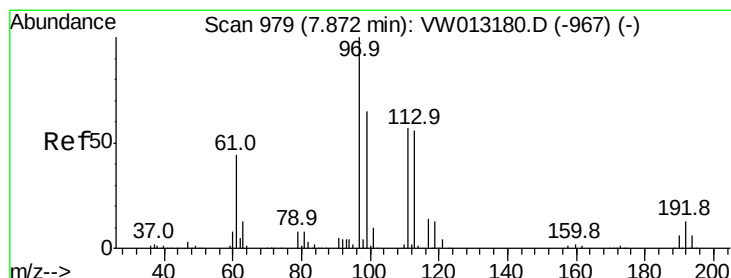
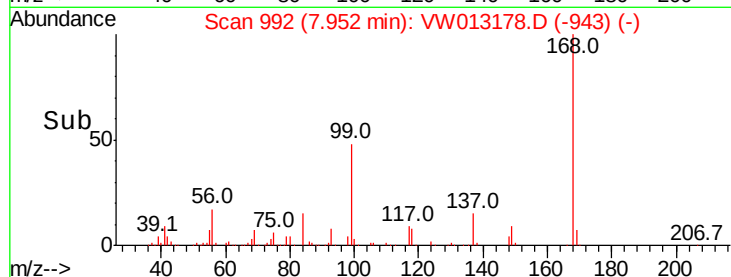
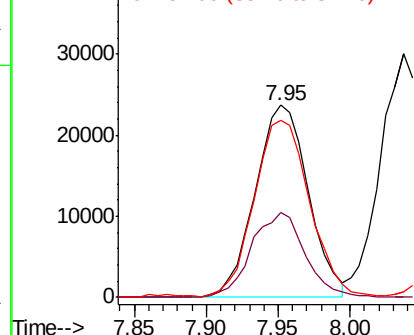
#31
Cyclohexane
Concen: 12.770 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 60752
Ion Ratio Lower Upper
56 100
69 44.5 27.2 40.8#
84 91.2 70.8 106.2

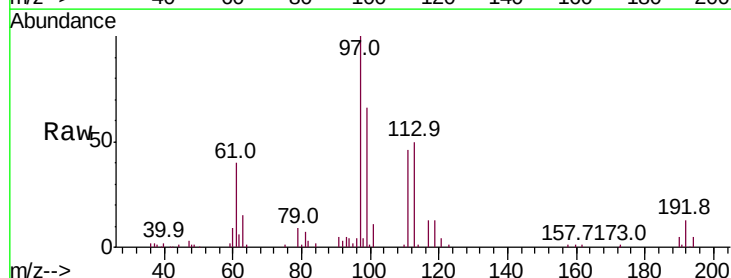


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

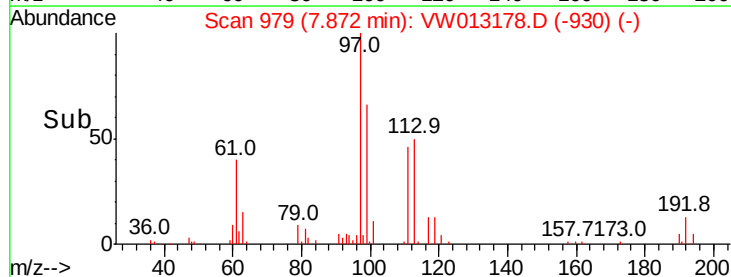
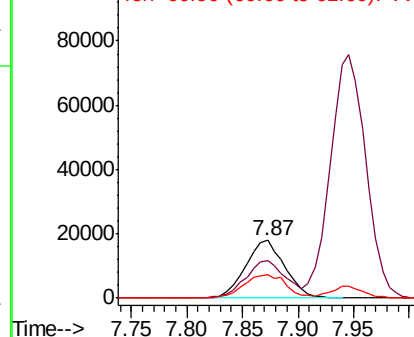


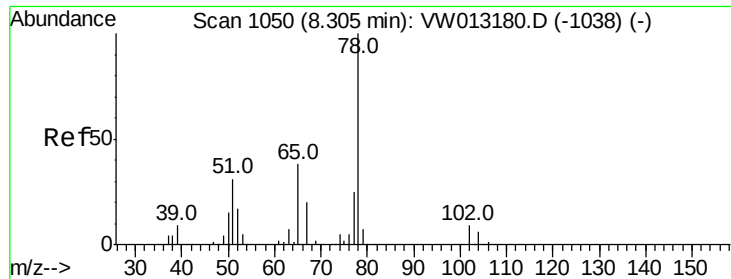
#32
1,1,1-Trichloroethane
Concen: 9.931 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 97 Resp: 44070
Ion Ratio Lower Upper
97 100
99 66.7 51.7 77.5
61 43.8 34.6 51.8



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

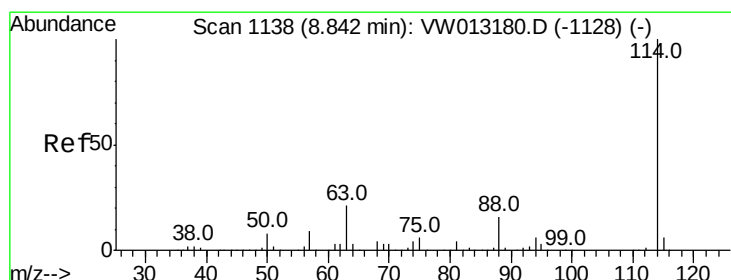
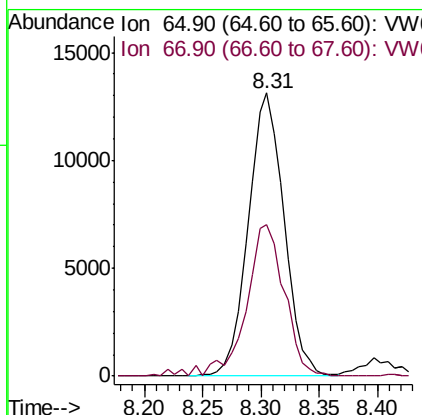
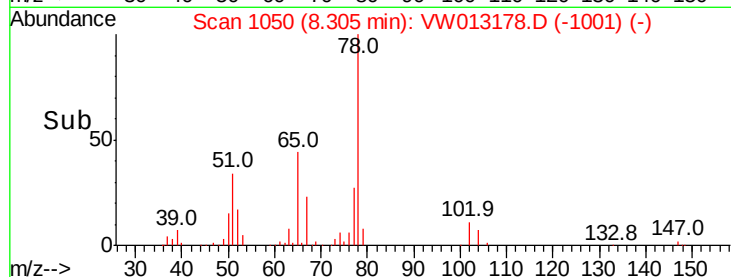
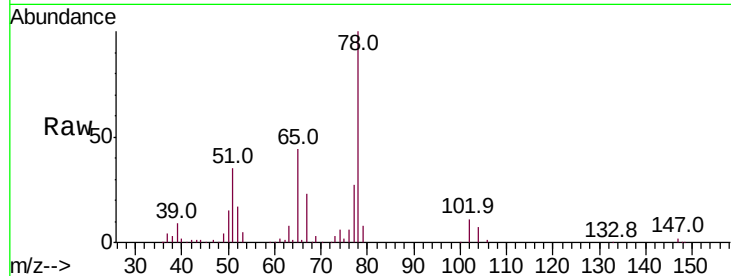




#33
 1,2-Dichloroethane-d4
 Concen: 9.248 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

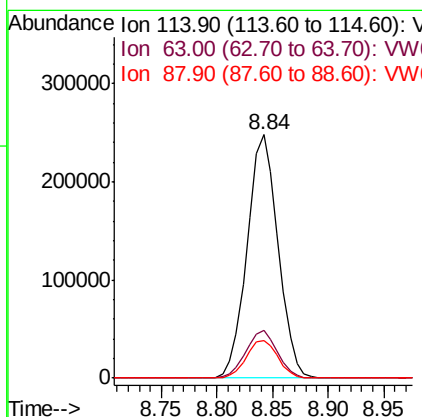
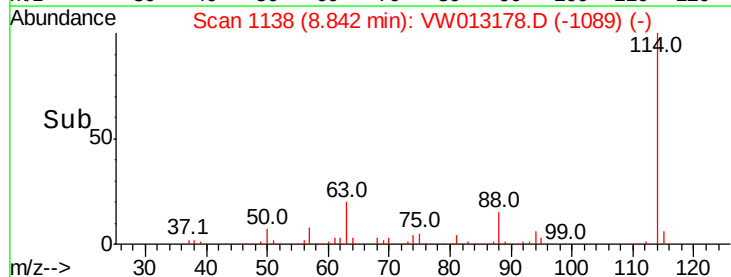
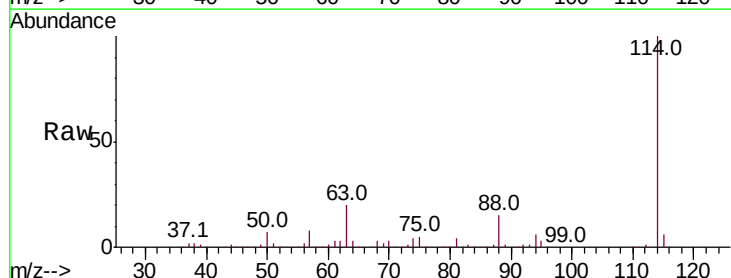
Instrument :
 MSVOA_W
 ClientSampled :

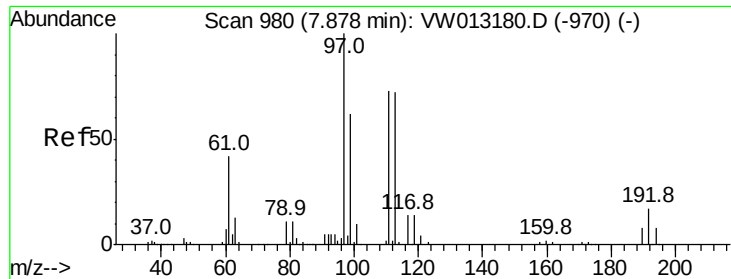
Tot Ion: 65 Resp: 28005
 Ion Ratio Lower Upper
 65 100
 67 56.7 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 114 Resp: 480644
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.3 0.0 32.0

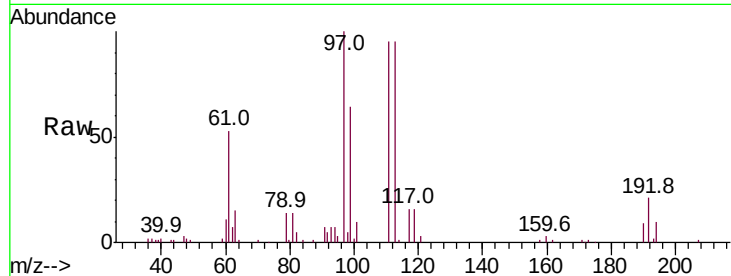




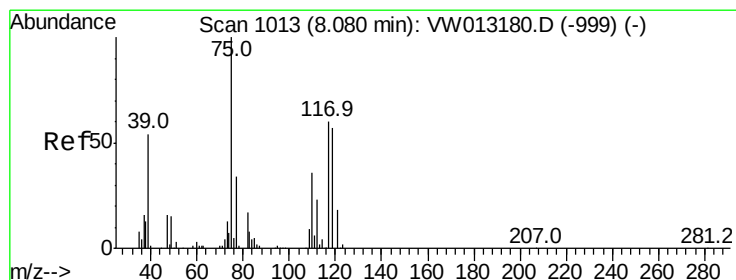
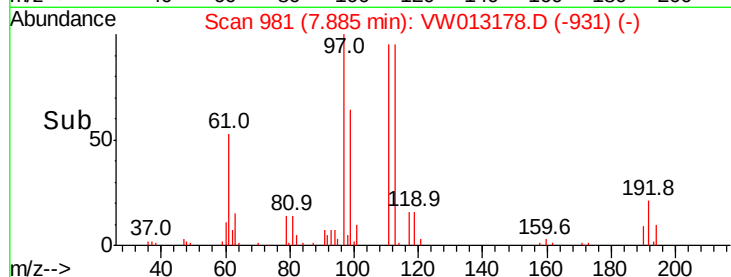
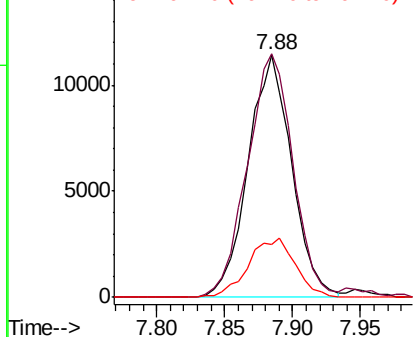
#35
 Dibromofluoromethane
 Concen: 9.870 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:113 Resp: 25651
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.9 122.9
 192 26.1 19.1 28.7

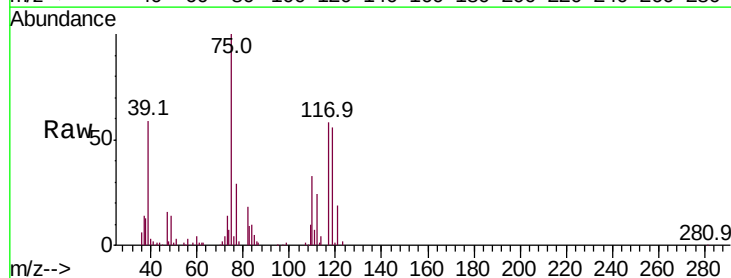


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

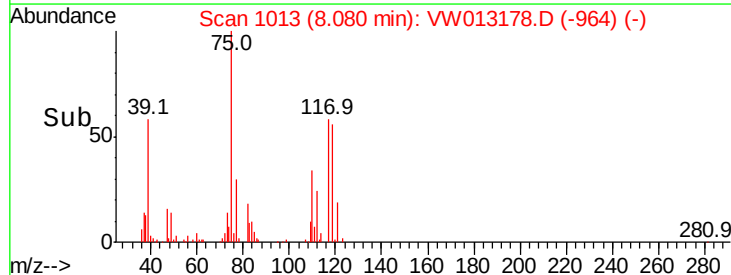
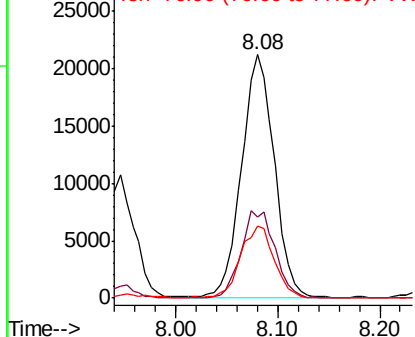


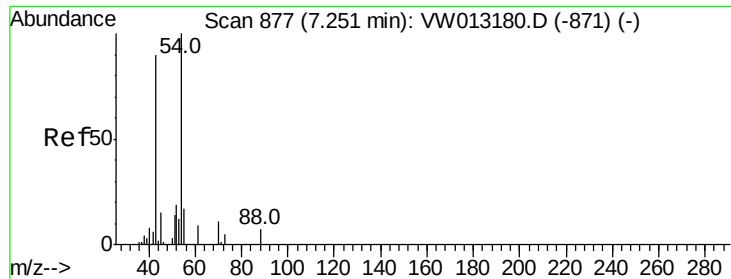
#36
 1,1-Dichloropropene
 Concen: 11.967 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 75 Resp: 47426
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.1 54.3
 77 30.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

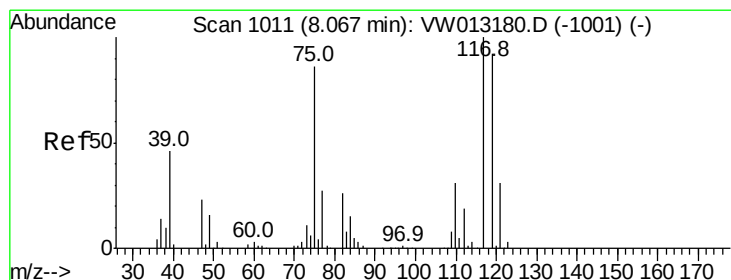
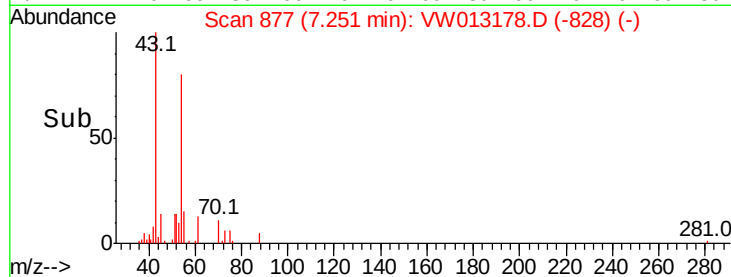
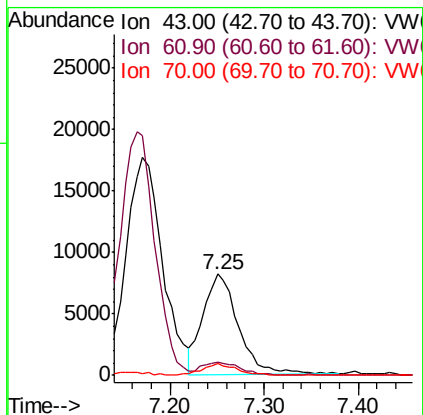
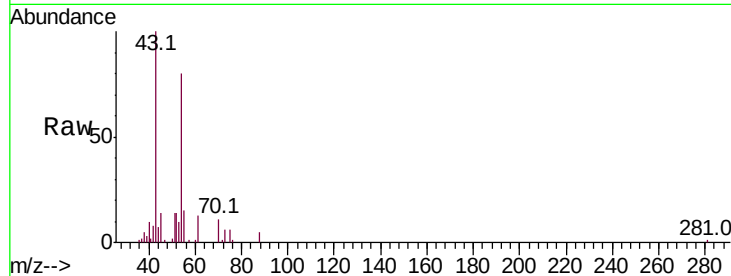




#37
Ethyl Acetate
Concen: 10.526 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

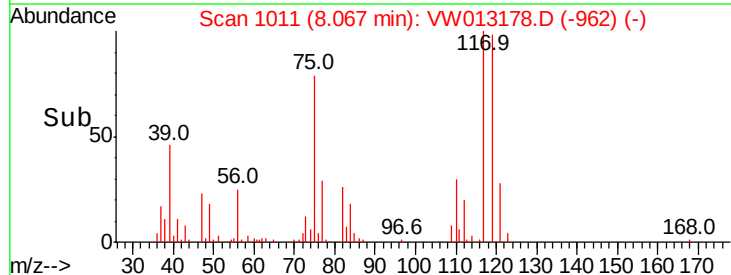
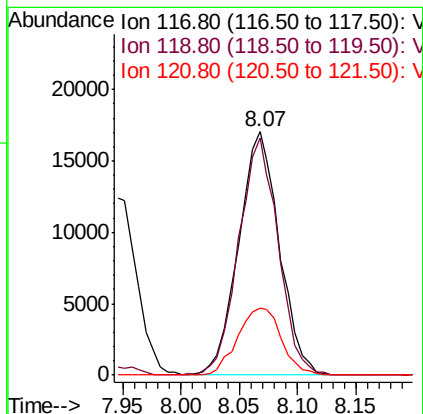
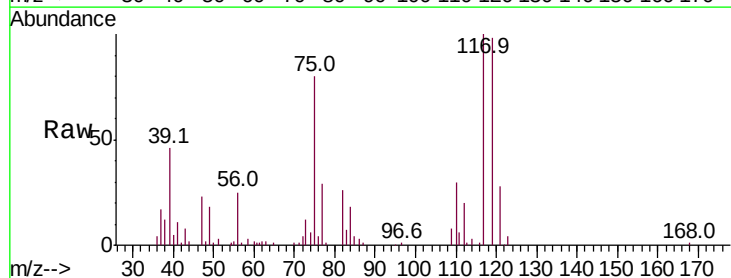
Instrument :
MSVOA_W
ClientSampled :

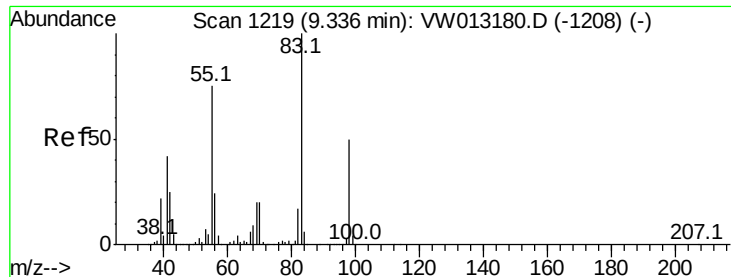
Tot Ion: 43 Resp: 21223
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 10.7 8.2 12.2



#38
Carbon Tetrachloride
Concen: 10.450 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 117 Resp: 41510
Ion Ratio Lower Upper
117 100
119 97.7 73.5 110.3
121 27.7 25.0 37.6

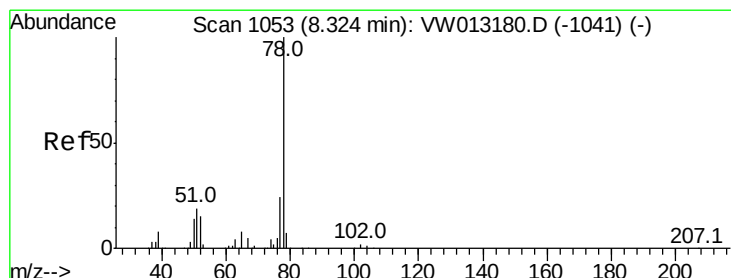
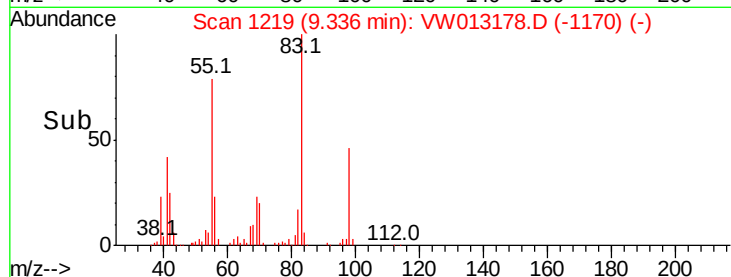
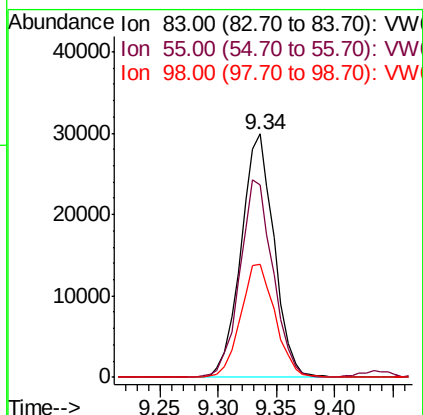
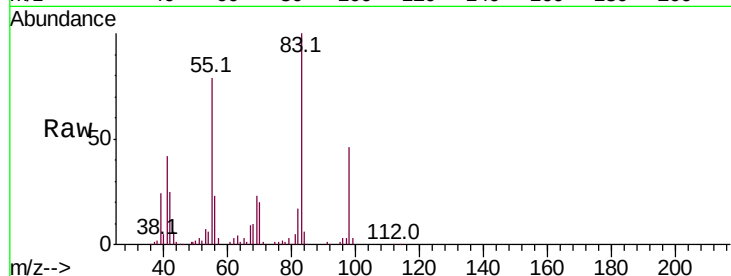




#39
Methylvlcyclohexane
Concen: 13.038 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

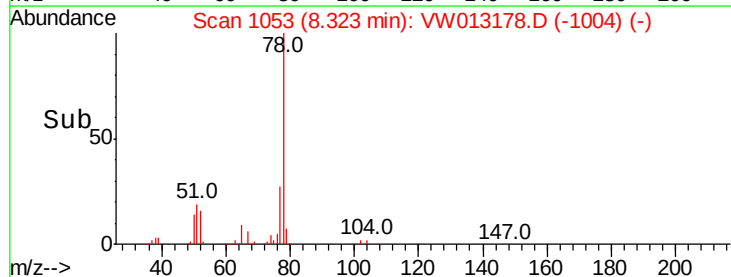
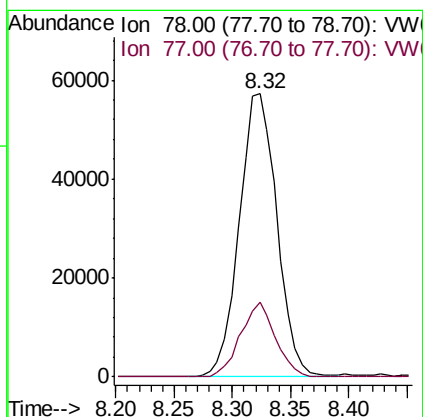
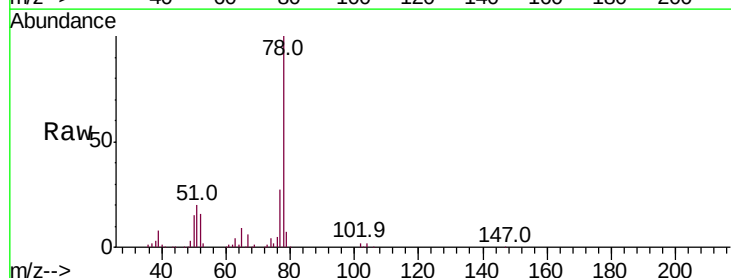
Instrument :
MSVOA_W
ClientSampleId :

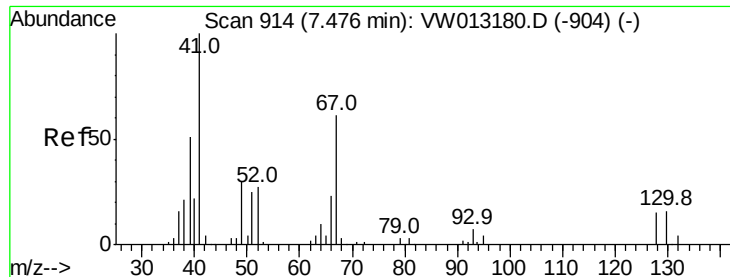
Tot Ion	83	Resp	58900
Ion Ratio	Lower	Upper	
83	100		
55	79.3	60.4	90.6
98	46.3	40.0	60.0



#40
Benzene
Concen: 11.680 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion	78	Resp	129223
Ion Ratio	Lower	Upper	
78	100		
77	26.6	19.1	28.7





#41

Methacrylonitrile

Concen: 8.501 ug/l

RT: 7.48 min Scan# 914

Delta R.T. -0.00 min

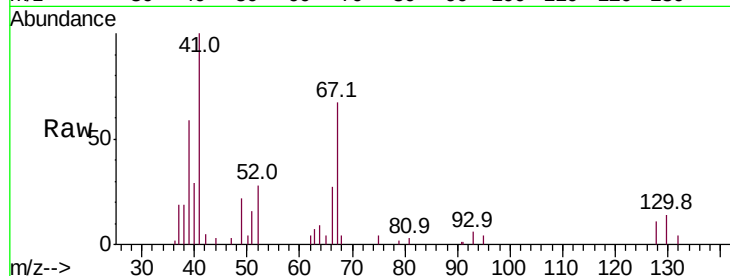
Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 11168

Ion	Ratio	Lower	Upper
41	100		
39	51.5	45.9	68.9
67	74.6	54.5	81.7
52	31.2	22.5	33.7

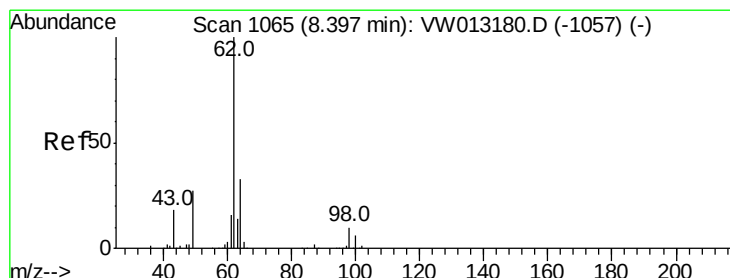
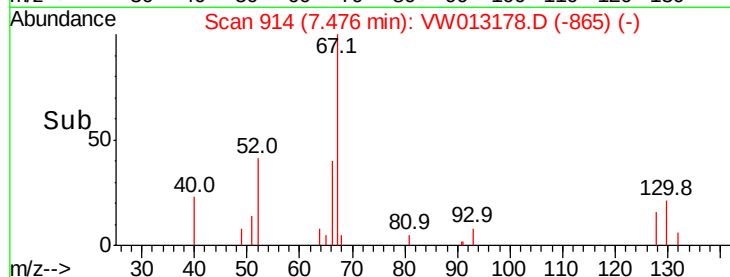


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 9.968 ug/l

RT: 8.40 min Scan# 1065

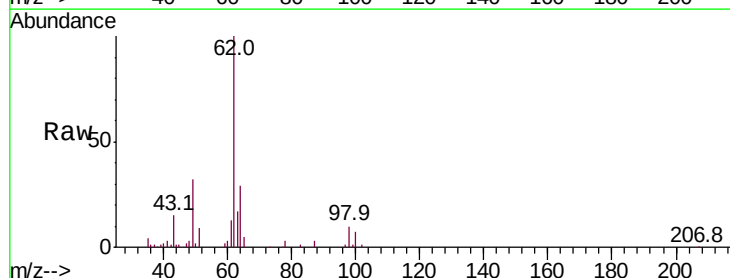
Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

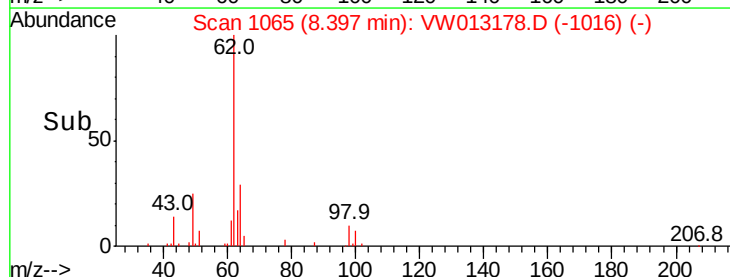
Tgt Ion: 62 Resp: 35551

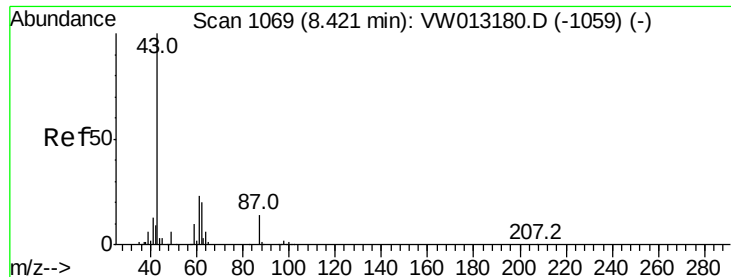
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 10.367 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

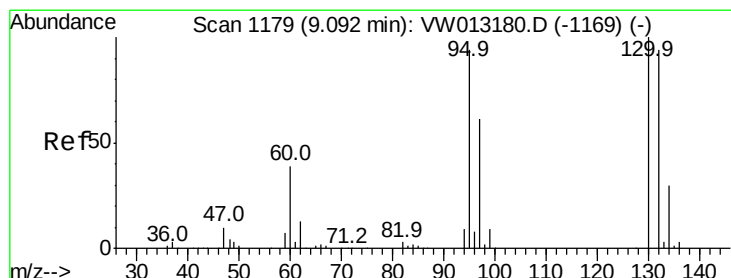
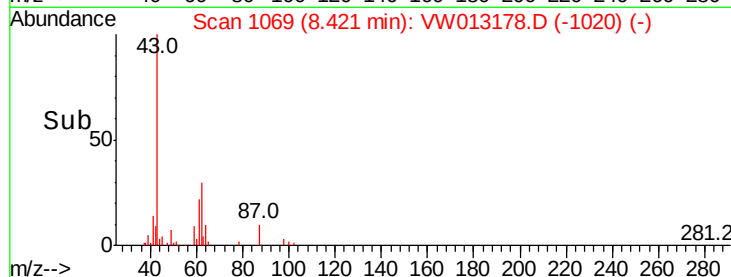
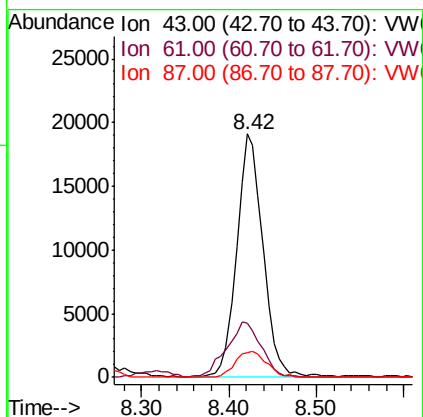
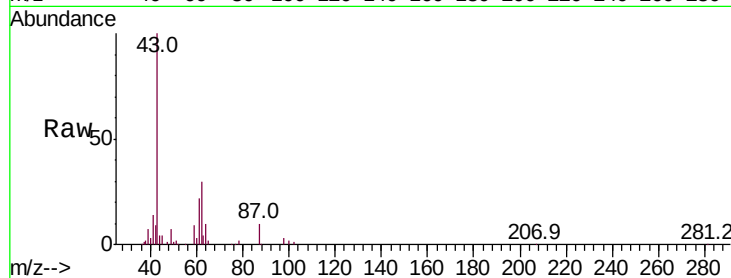
Tot Ion: 43 Resp: 40008

Ion Ratio Lower Upper

43 100

61 29.7 25.5 38.3

87 12.6 11.0 16.4



#44

Trichloroethene

Concen: 11.918 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW013178.D

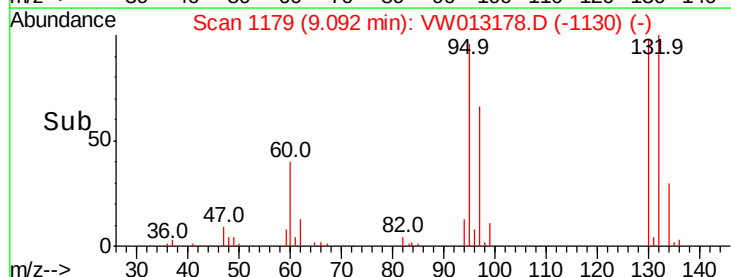
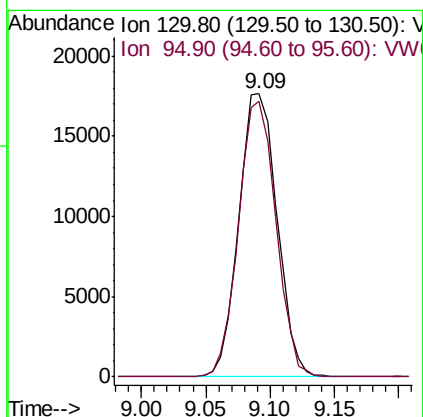
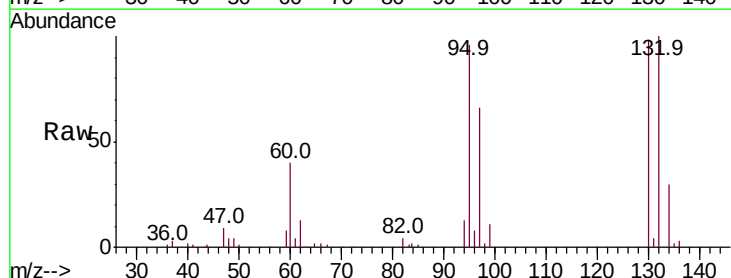
Acq: 20 Sep 2019 13:09

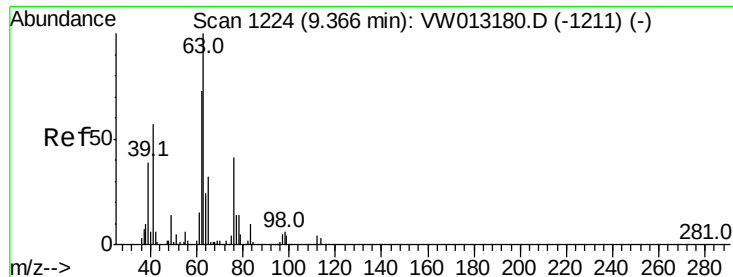
Tgt Ion: 130 Resp: 36361

Ion Ratio Lower Upper

130 100

95 97.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 10.854 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

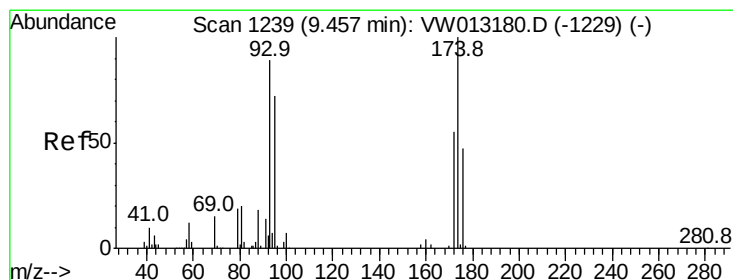
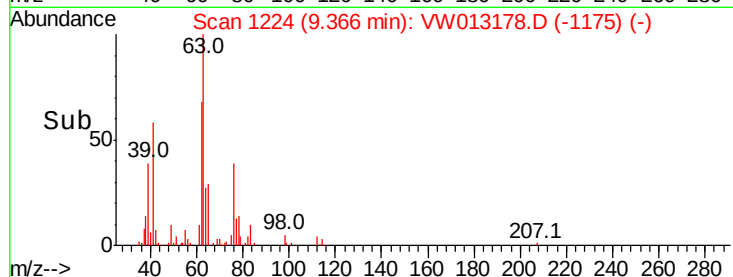
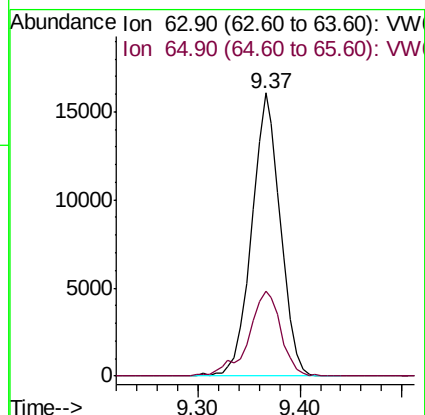
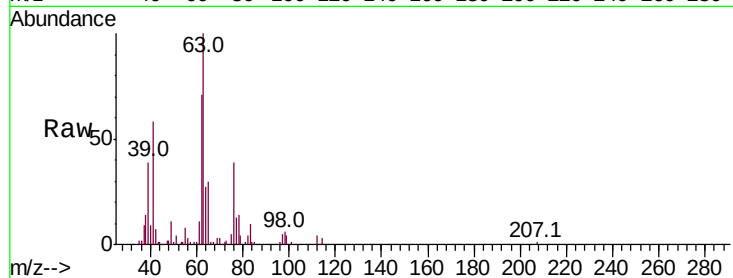
ClientSampleId :

Tot Ion: 63 Resp: 31325

Ion Ratio Lower Upper

63 100

65 29.9 25.3 37.9



#46

Dibromomethane

Concen: 11.094 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

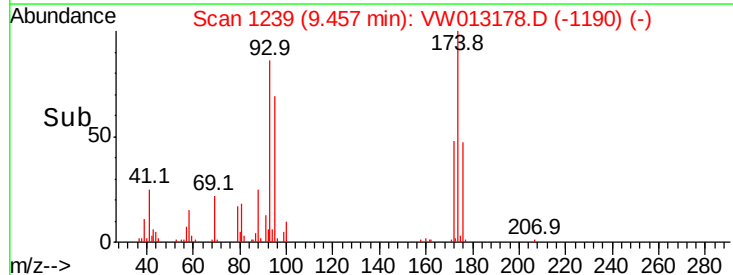
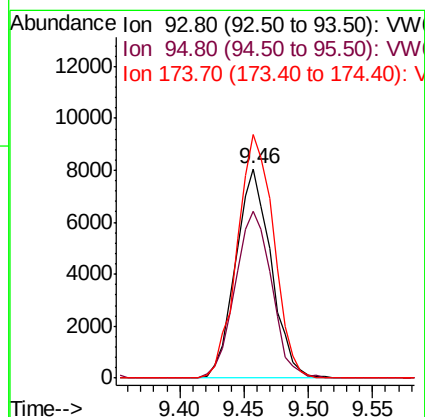
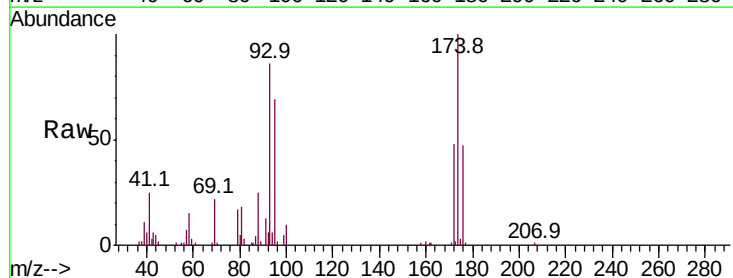
Tgt Ion: 93 Resp: 15376

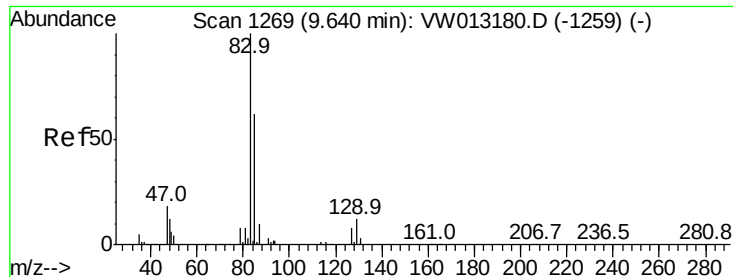
Ion Ratio Lower Upper

93 100

95 82.3 66.4 99.6

174 119.5 93.0 139.6

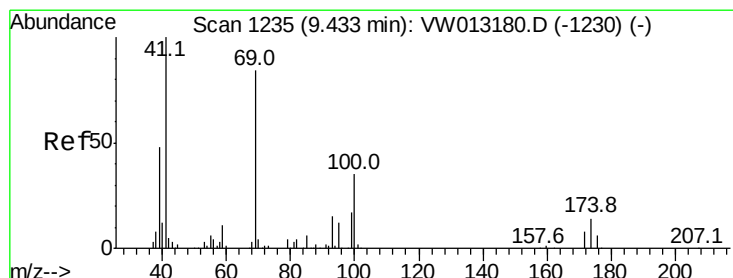
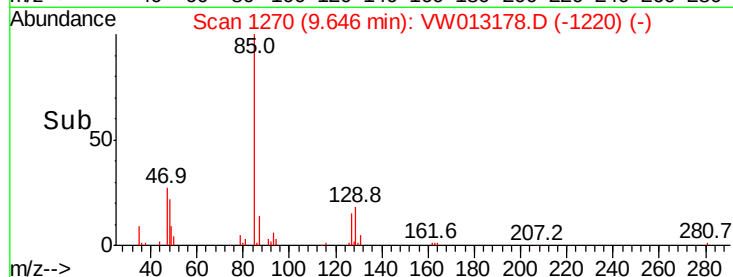
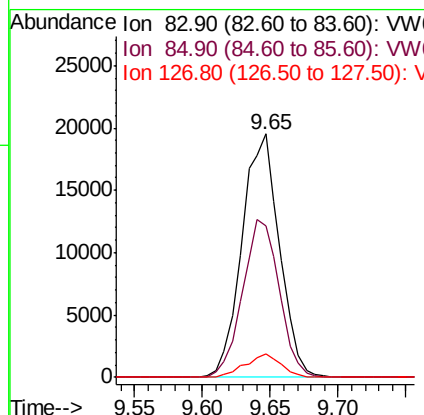
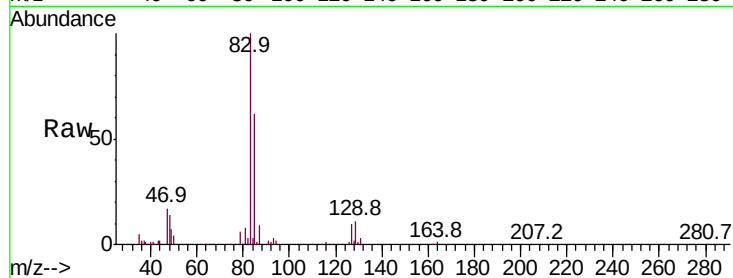




#47
 Bromodichloromethane
 Concen: 9.817 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

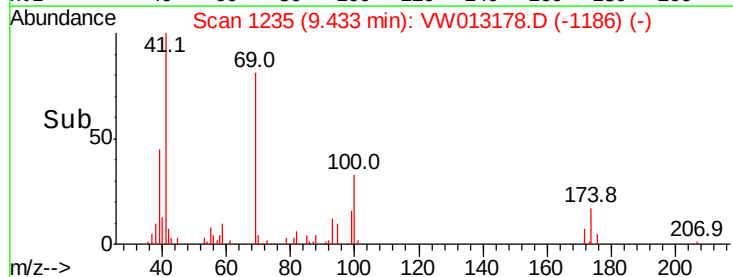
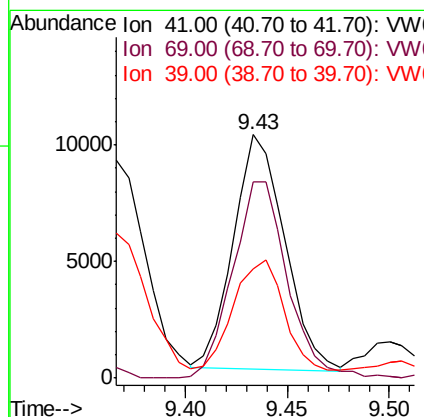
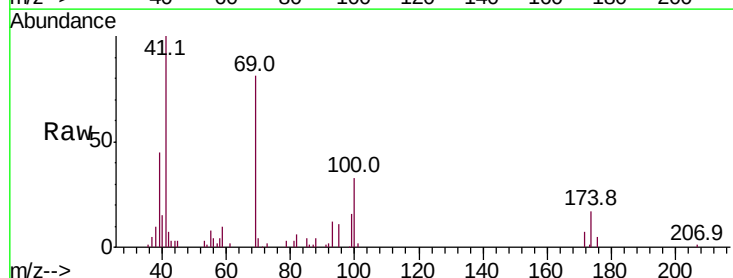
Instrument :
 MSVOA_W
 ClientSampleId :

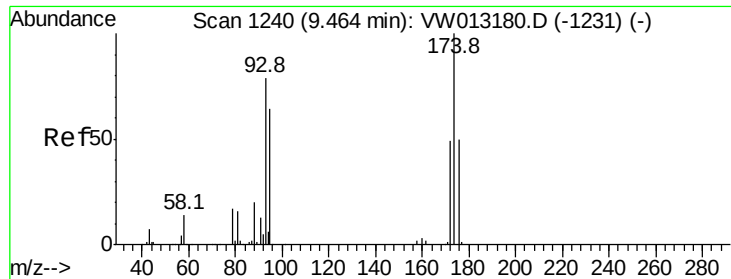
Tot Ion	83	Resp	37513
Ion Ratio	100	Lower	Upper
85	62.2	49.4	74.2
127	9.5	6.5	9.7



#48
 Methyl methacrylate
 Concen: 9.665 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion	41	Resp	17544
Ion Ratio	100	Lower	Upper
69	89.8	69.7	104.5
39	47.5	41.1	61.7





#49

1,4-Dioxane

Concen: 253.353 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampled :

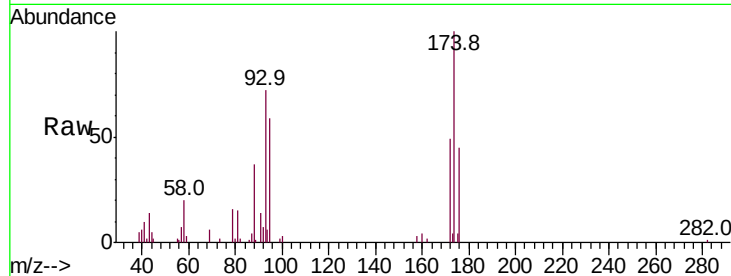
Tot Ion: 88 Resp: 5625

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

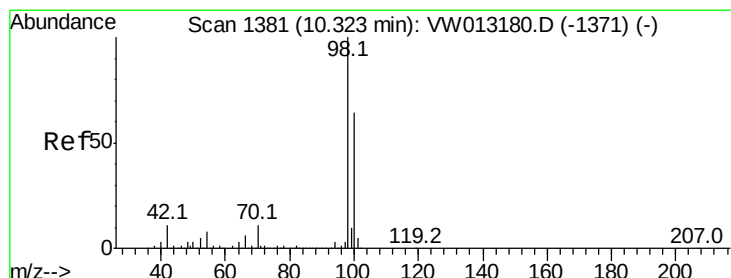
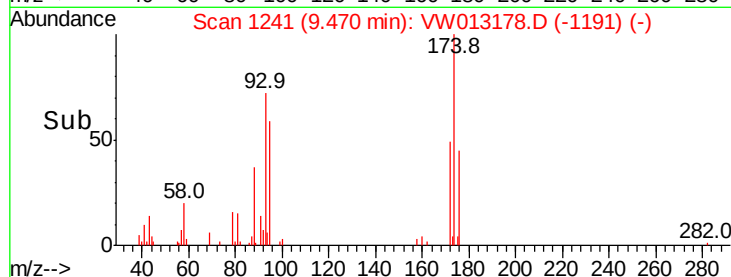
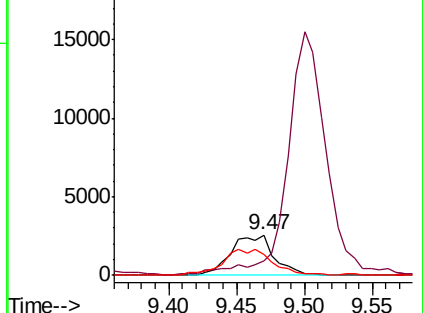
58 74.7 65.4 98.0



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 10.714 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013178.D

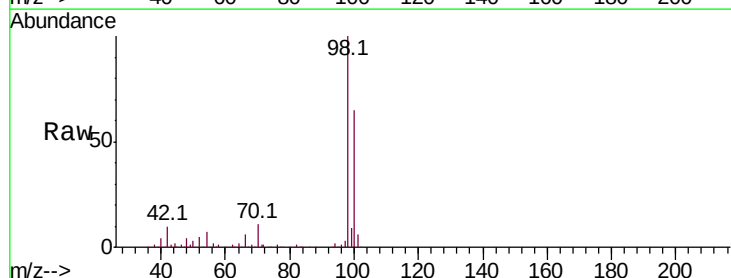
Acq: 20 Sep 2019 13:09

Tgt Ion: 98 Resp: 109788

Ion Ratio Lower Upper

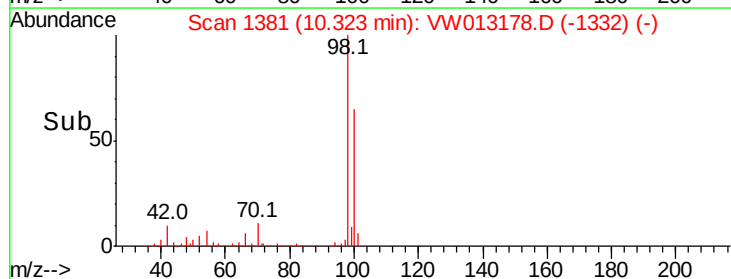
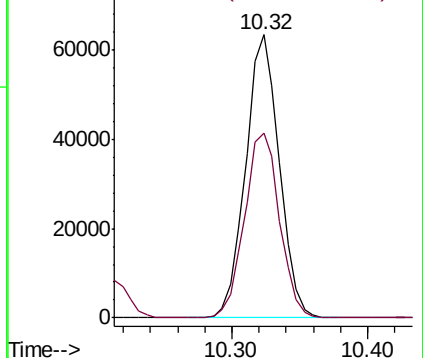
98 100

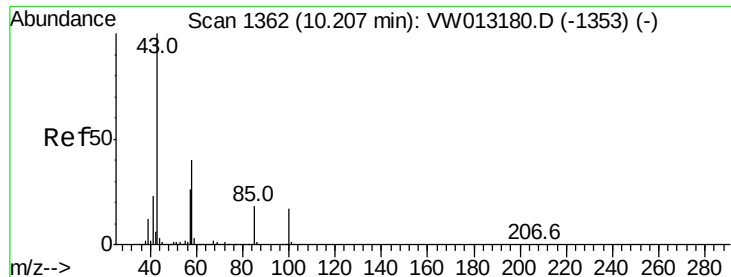
100 68.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 49.840 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

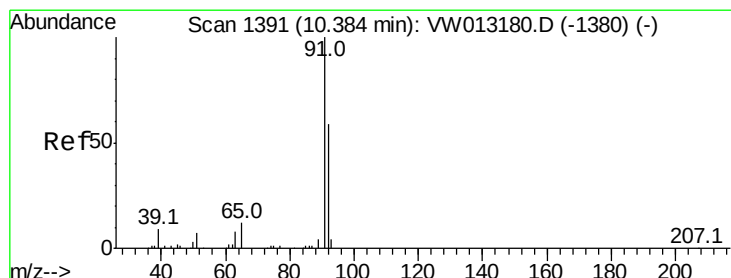
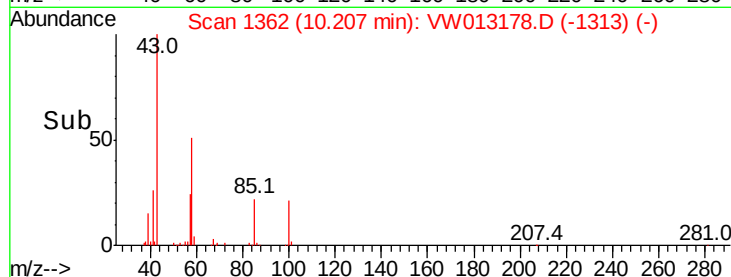
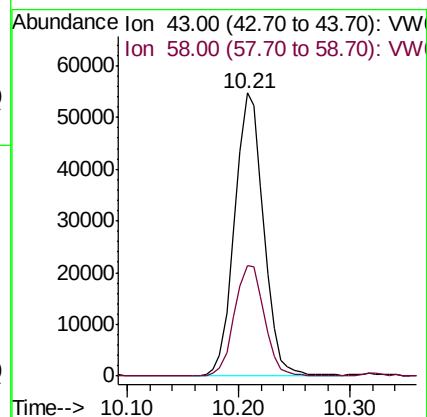
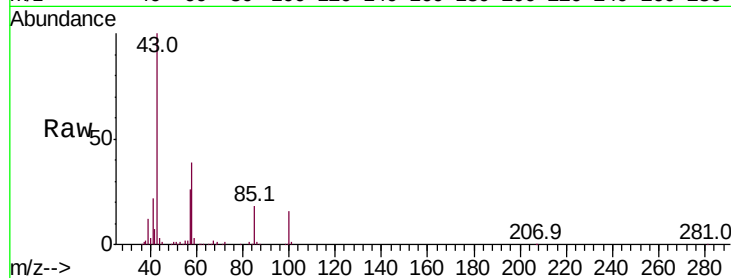
ClientSampled :

Tot Ion: 43 Resp: 98882

Ion Ratio Lower Upper

43 100

58 40.4 31.7 47.5



#52

Toluene

Concen: 11.579 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013178.D

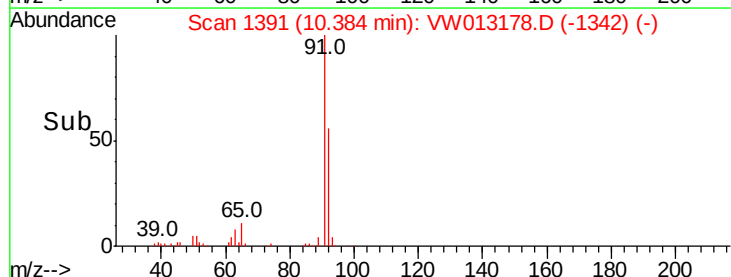
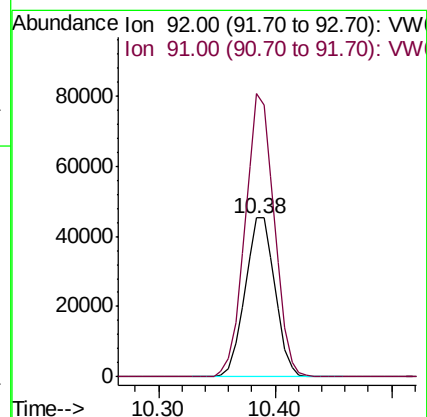
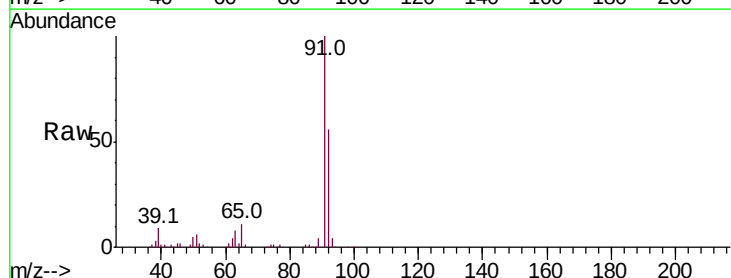
Acq: 20 Sep 2019 13:09

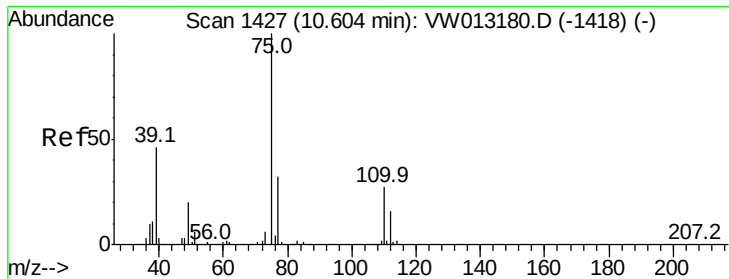
Tgt Ion: 92 Resp: 81487

Ion Ratio Lower Upper

92 100

91 173.0 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 9.883 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

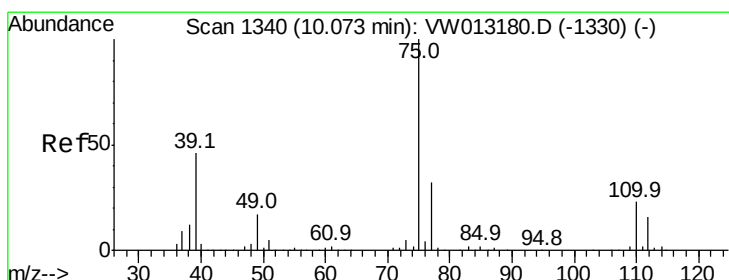
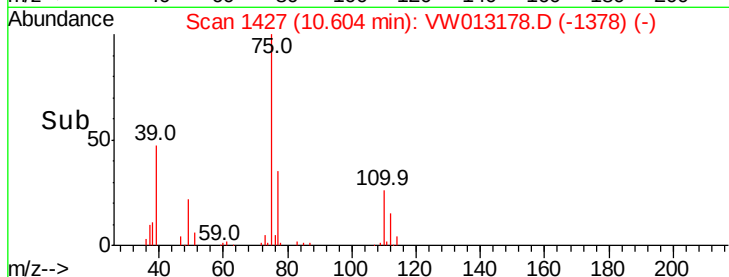
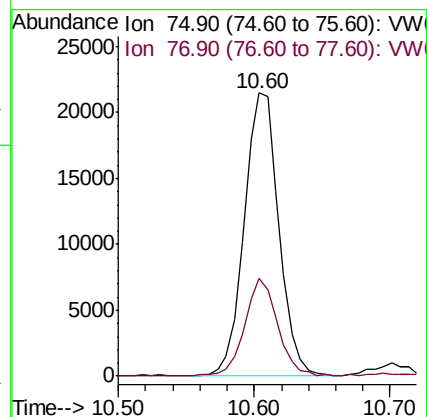
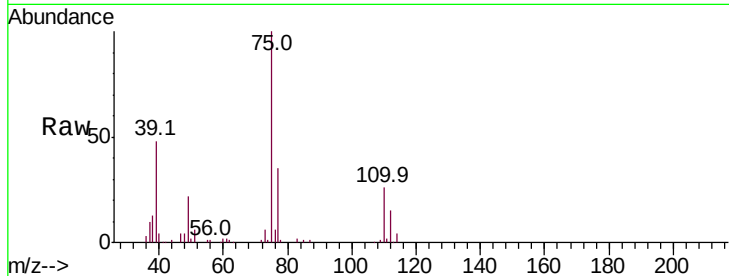
ClientSampleId :

Tot Ion: 75 Resp: 38188

Ion Ratio Lower Upper

75 100

77 34.6 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 10.467 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

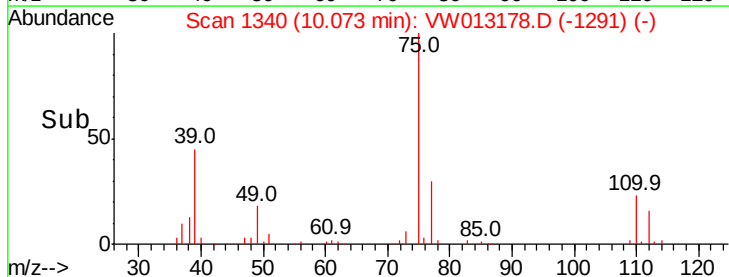
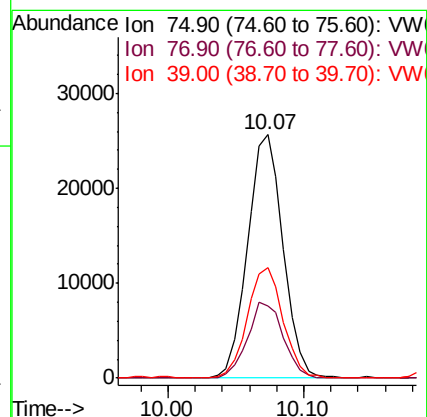
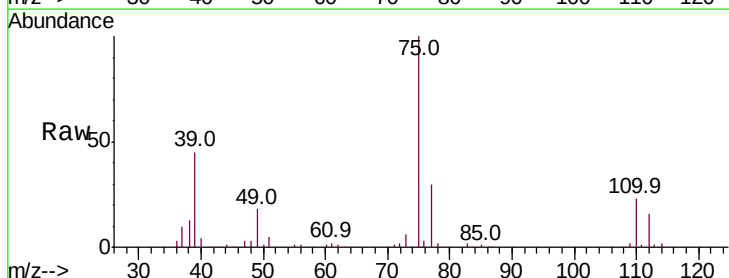
Tgt Ion: 75 Resp: 46696

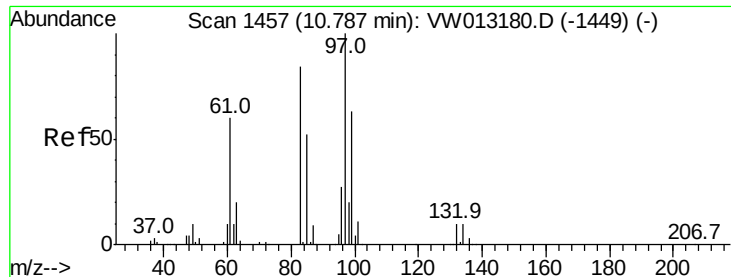
Ion Ratio Lower Upper

75 100

77 29.6 25.2 37.8

39 45.4 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 11.011 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 23171

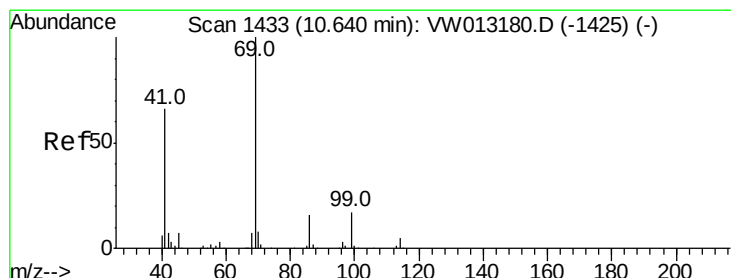
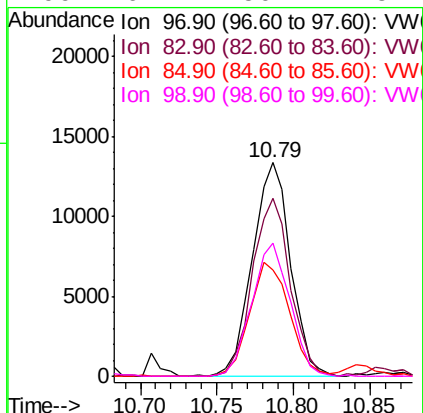
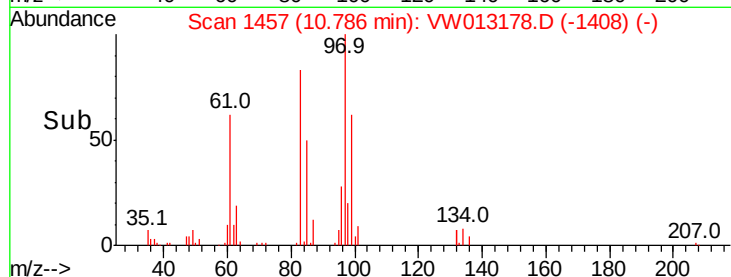
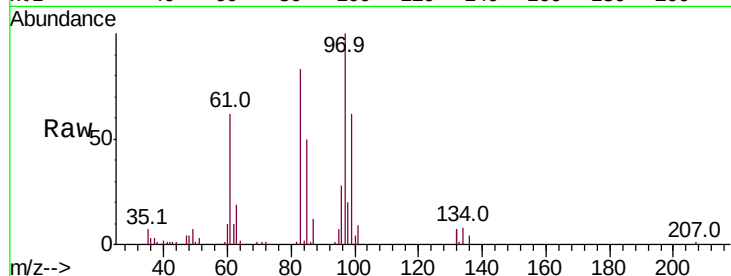
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.6	101.4
85	49.6	41.9	62.9
99	62.1	50.1	75.1

97 100

83 83.4 67.6 101.4

85 49.6 41.9 62.9

99 62.1 50.1 75.1



#56

Ethyl methacrylate

Concen: 10.534 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

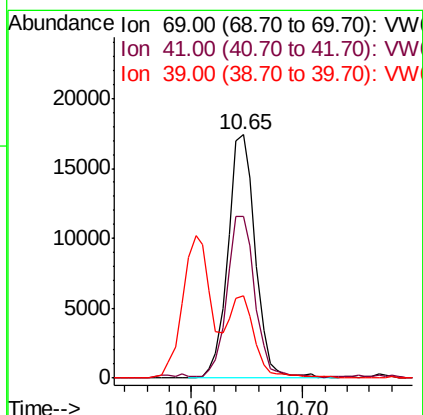
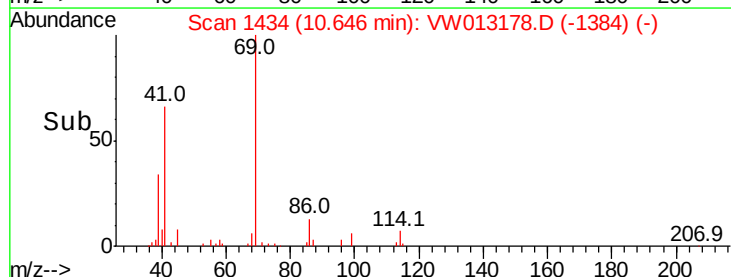
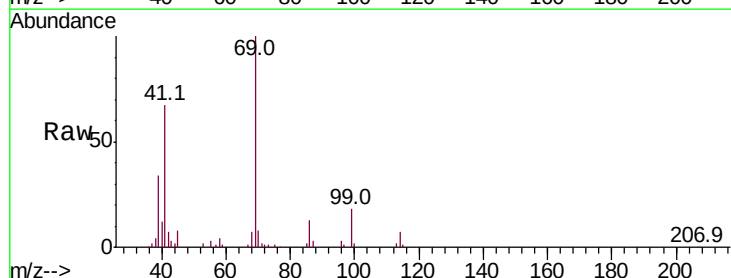
Tgt Ion: 69 Resp: 29659

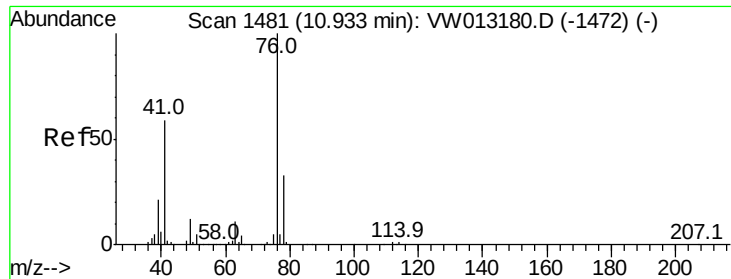
Ion	Ratio	Lower	Upper
69	100		
41	68.7	53.9	80.9
39	31.7	23.8	35.6

69 100

41 68.7 53.9 80.9

39 31.7 23.8 35.6

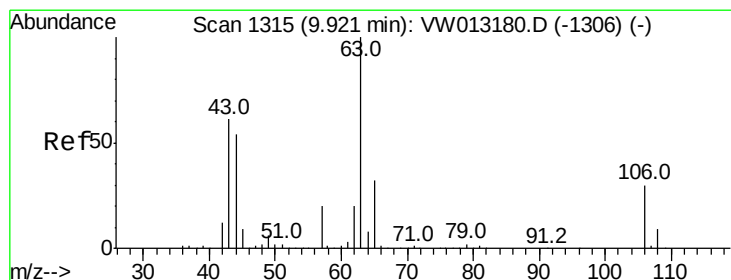
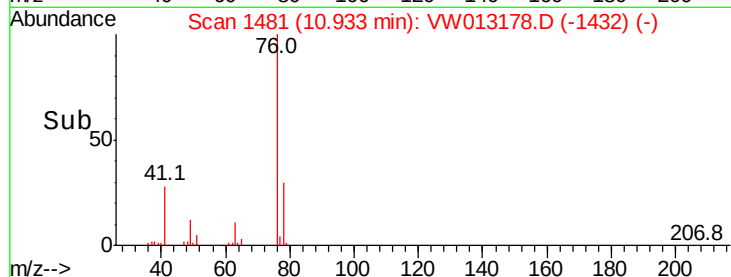
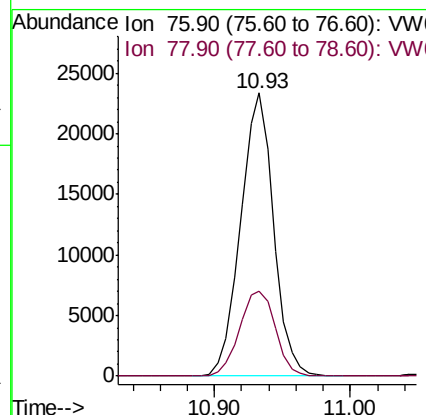
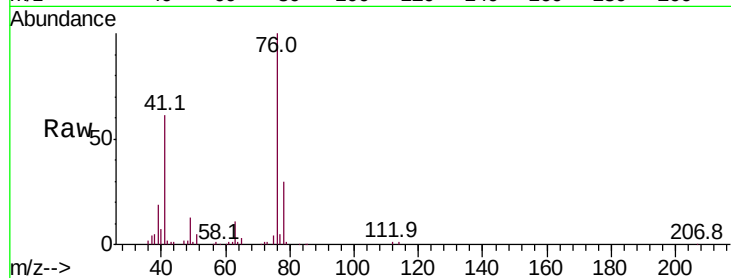




#57
 1,3-Dichloropropane
 Concen: 10.586 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

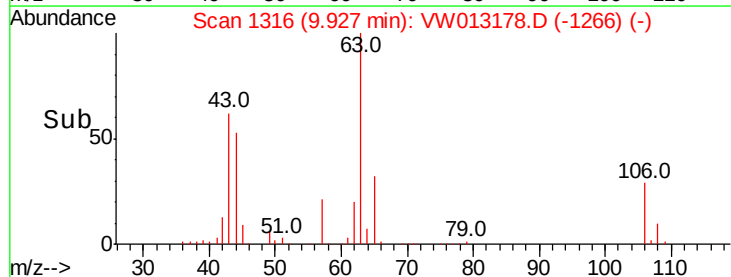
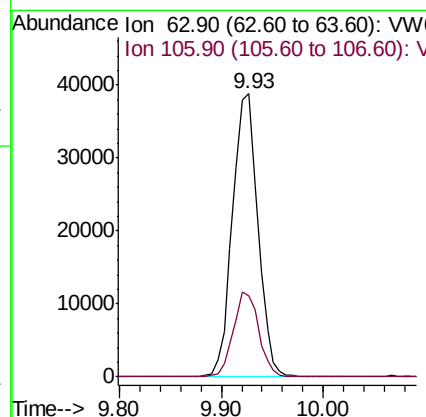
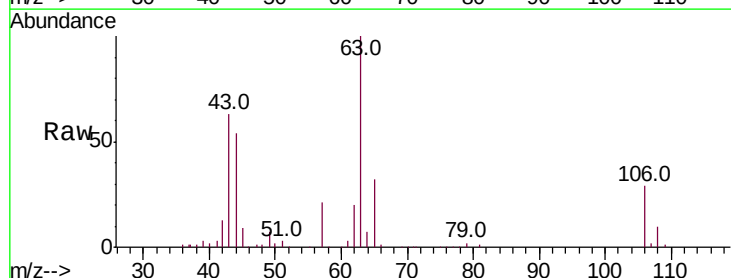
Instrument :
 MSVOA_W
 ClientSampled :

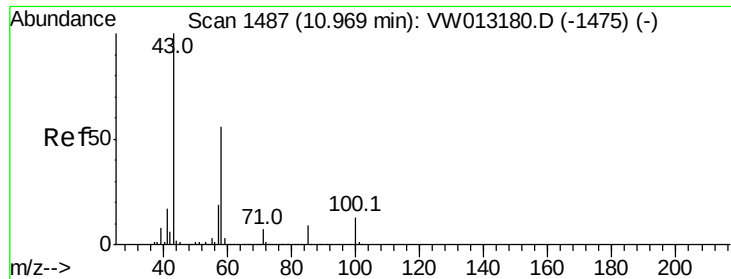
Tot Ion: 76 Resp: 39410
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 44.898 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 63 Resp: 66878
 Ion Ratio Lower Upper
 63 100
 106 30.0 23.4 35.0





#59

2-Hexanone

Concen: 49.461 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

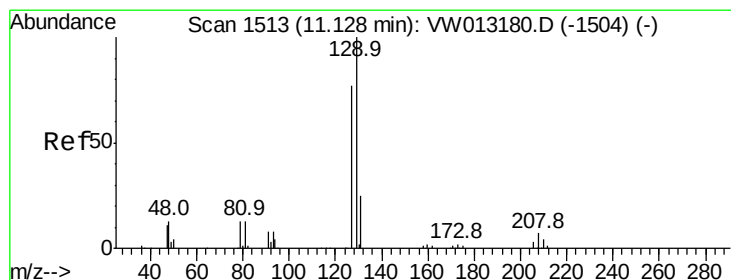
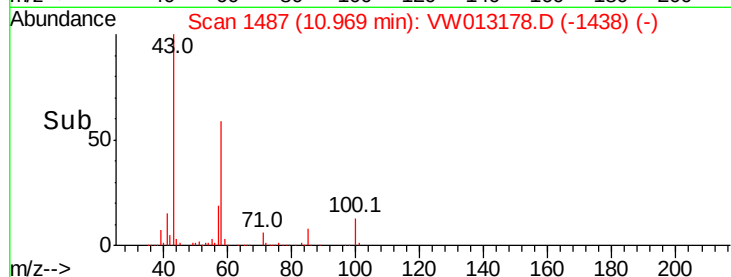
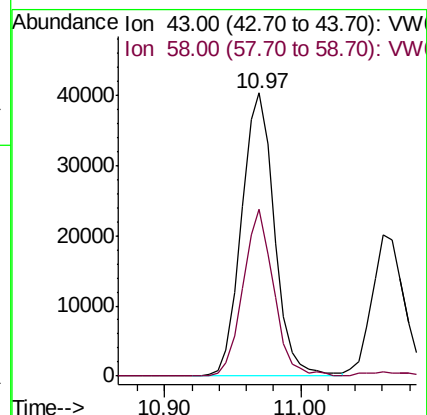
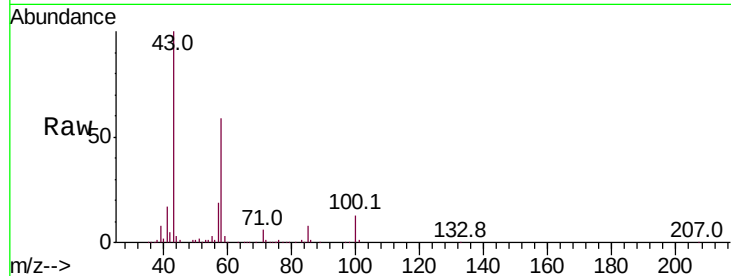
ClientSampleId :

Tot Ion: 43 Resp: 67971

Ion Ratio Lower Upper

43 100

58 54.9 28.1 84.2



#60

Dibromochloromethane

Concen: 9.949 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW013178.D

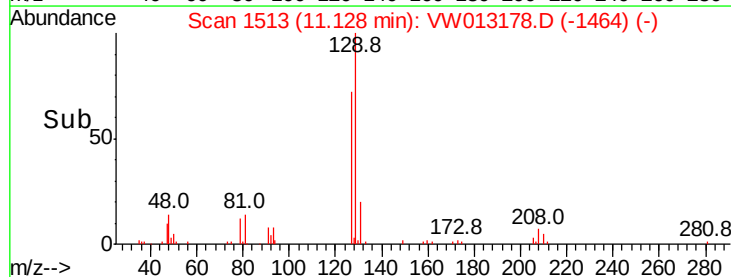
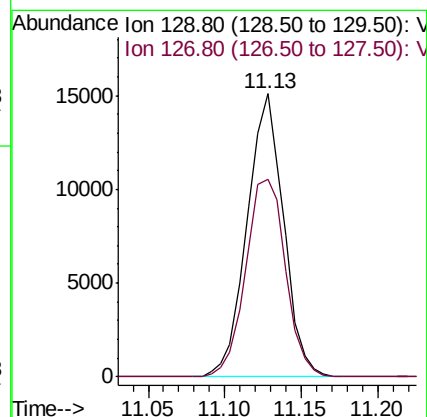
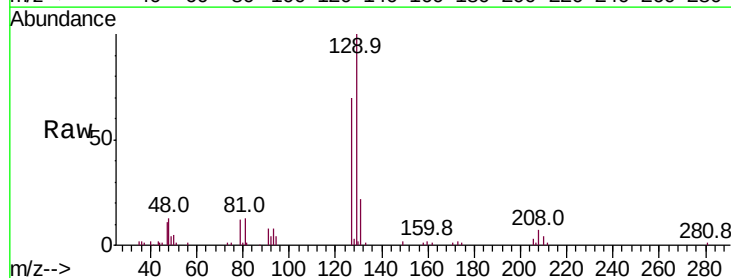
Acq: 20 Sep 2019 13:09

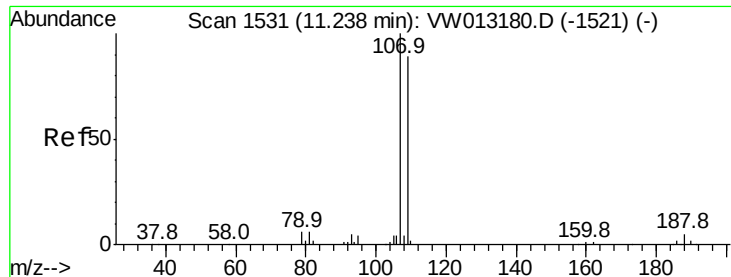
Tgt Ion: 129 Resp: 25005

Ion Ratio Lower Upper

129 100

127 76.4 38.8 116.4

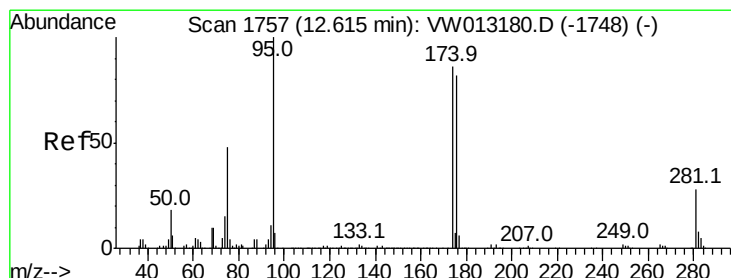
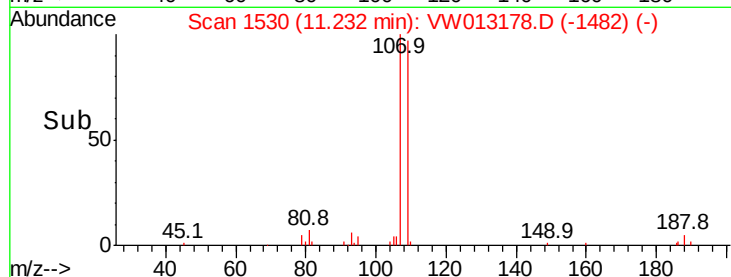
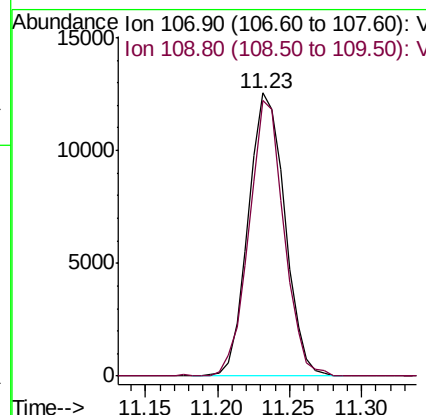
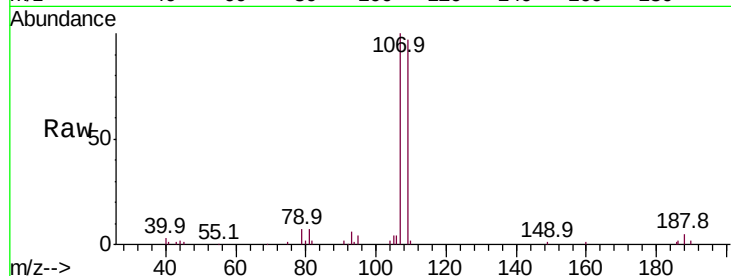




#61
 1,2-Dibromoethane
 Concen: 11.405 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

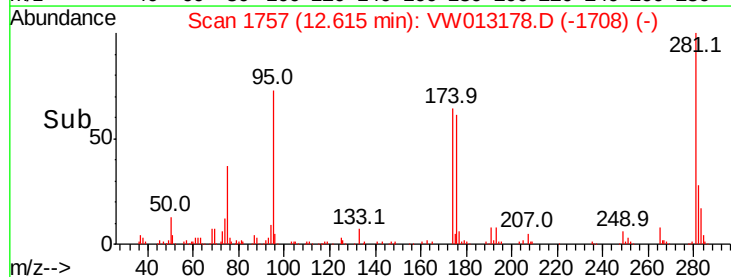
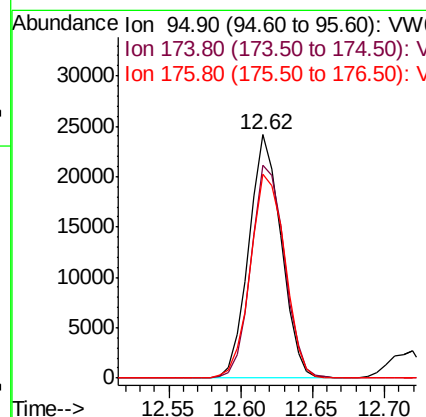
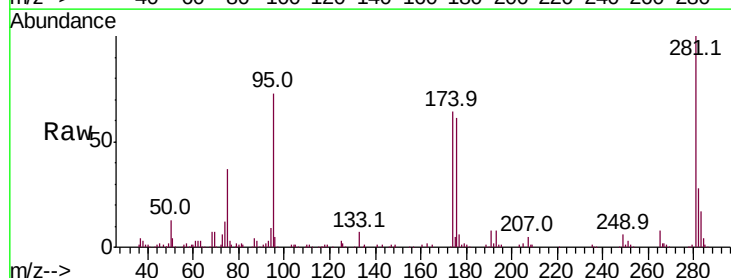
Instrument :
 MSVOA_W
 ClientSampled :

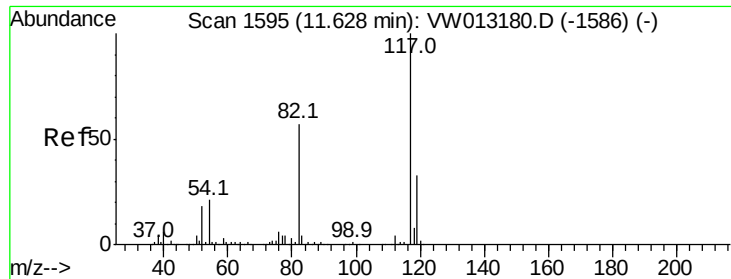
Tot Ion:107 Resp: 21963
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 10.226 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion: 95 Resp: 37524
 Ion Ratio Lower Upper
 95 100
 174 89.9 0.0 178.4
 176 89.3 0.0 172.2

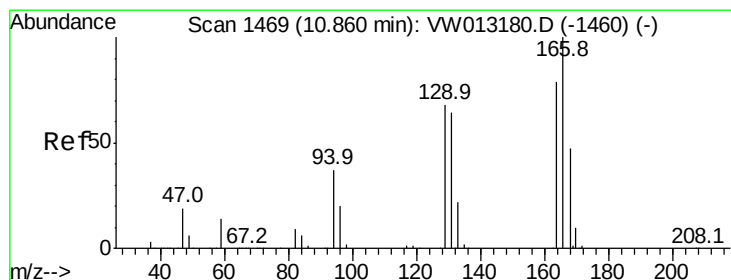
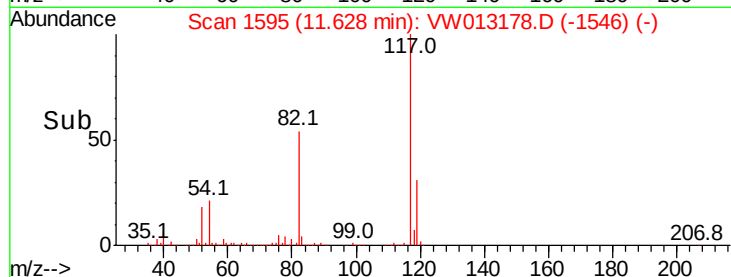
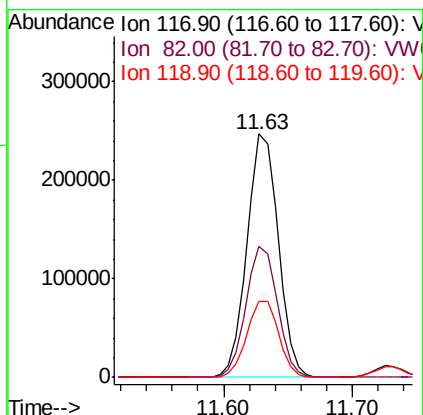
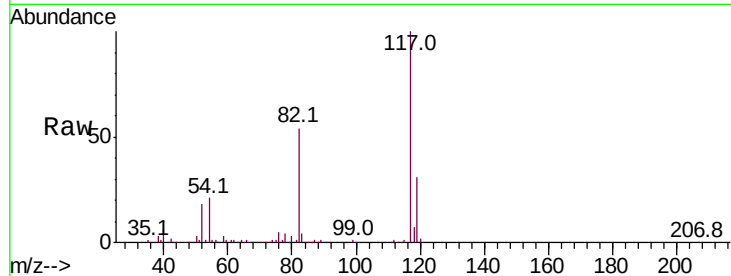




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

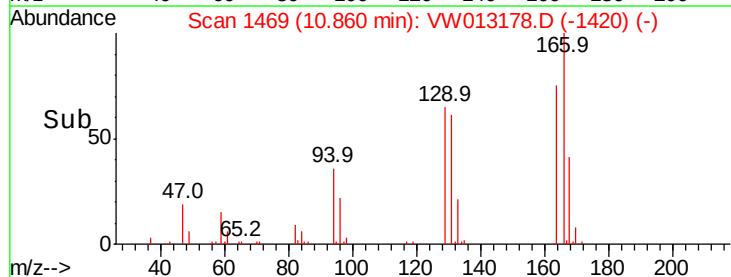
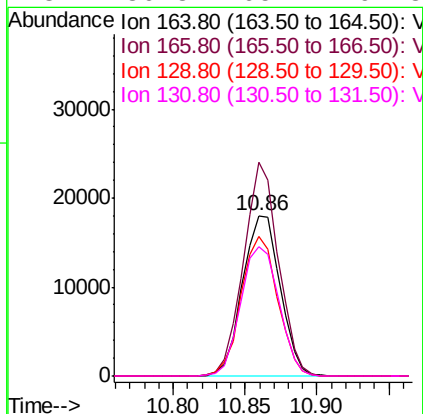
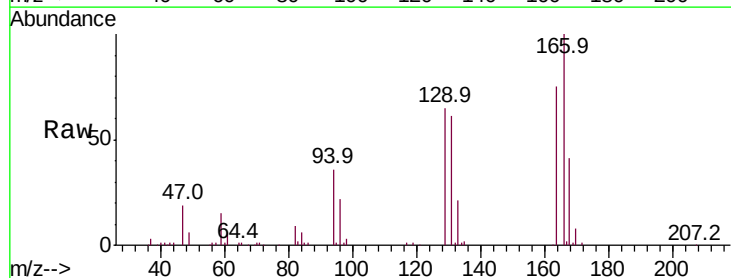
Instrument :
MSVOA_W
ClientSampleId :

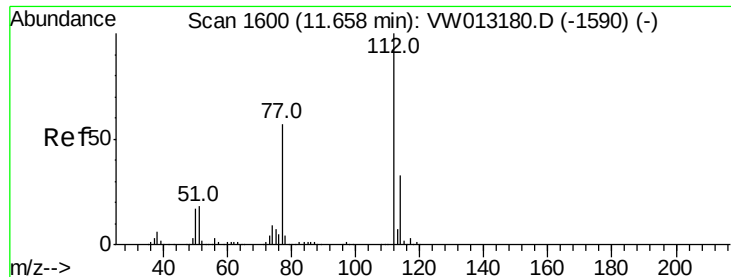
Tot Ion:117 Resp: 412646
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 31.2 26.2 39.2



#64
Tetrachloroethene
Concen: 12.752 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion:164 Resp: 32700
Ion Ratio Lower Upper
164 100
166 133.3 101.2 151.8
129 87.1 68.8 103.2
131 80.8 65.2 97.8

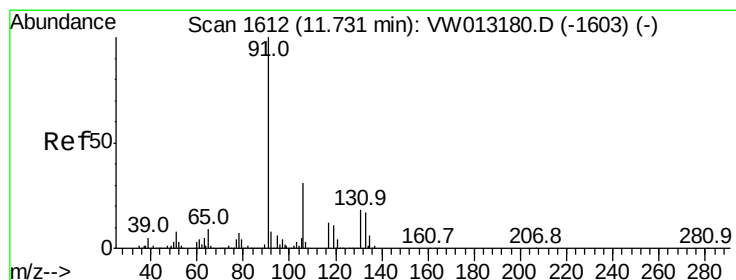
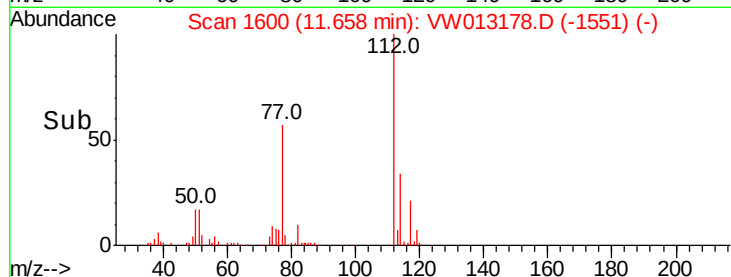
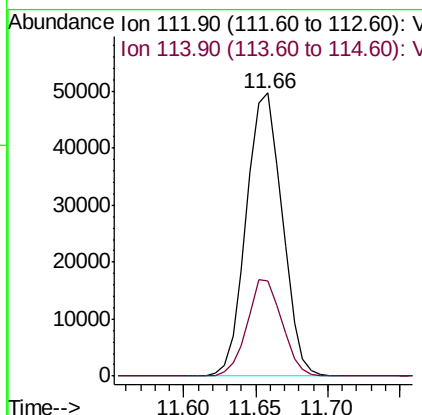
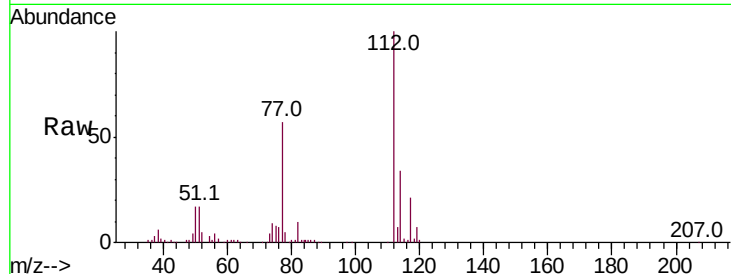




#65
Chlorobenzene
Concen: 11.391 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

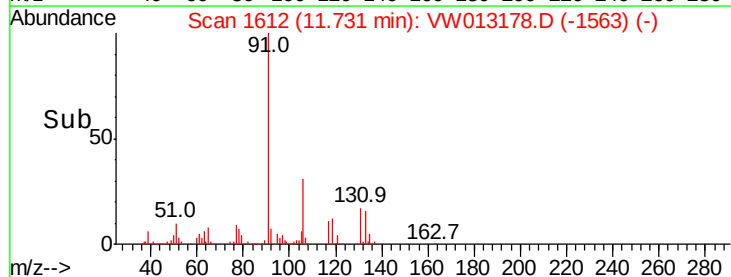
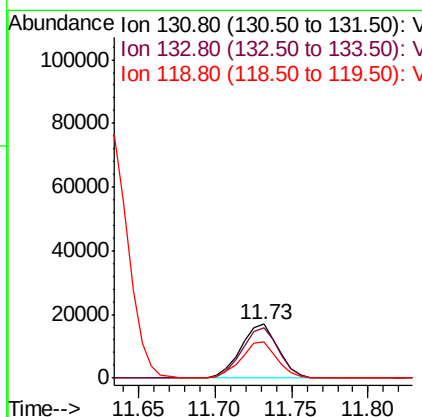
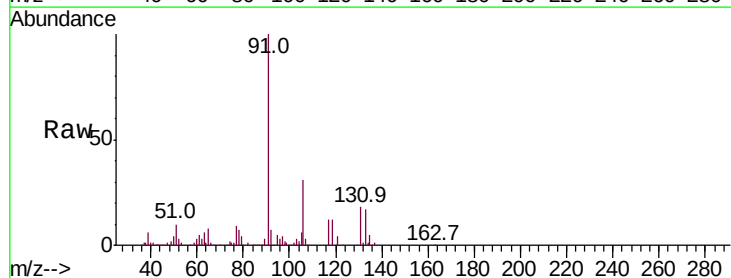
Instrument :
MSVOA_W
ClientSampled :

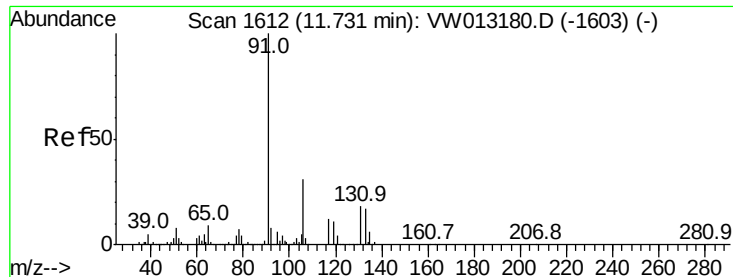
Tot Ion:112 Resp: 85873
Ion Ratio Lower Upper
112 100
114 33.5 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 10.071 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion:131 Resp: 28507
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 64.8 32.5 97.5

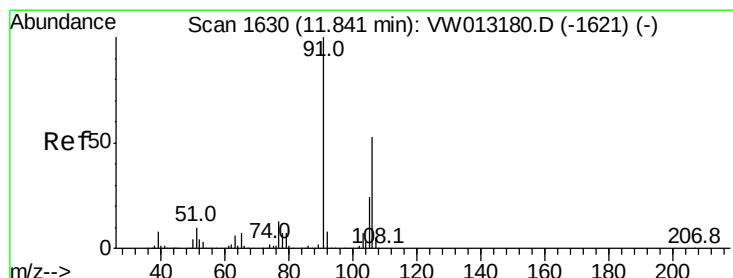
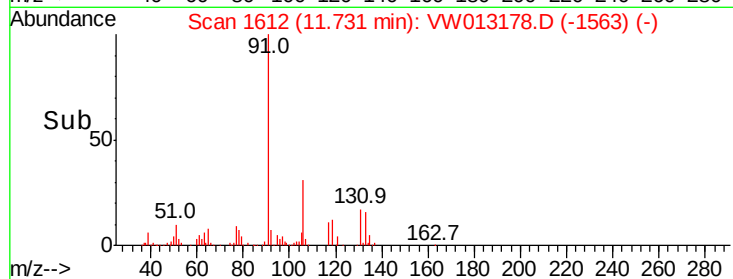
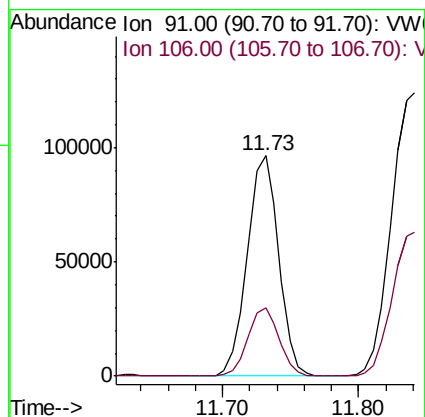
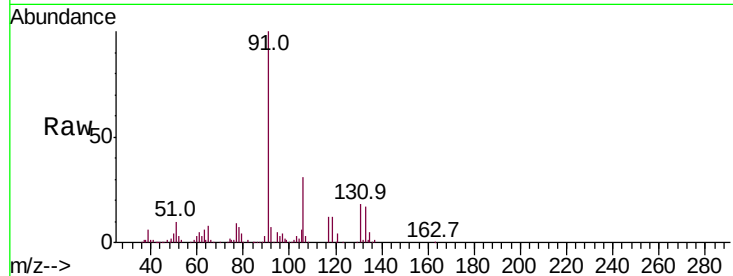




#67
Ethyl Benzene
Concen: 11.280 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

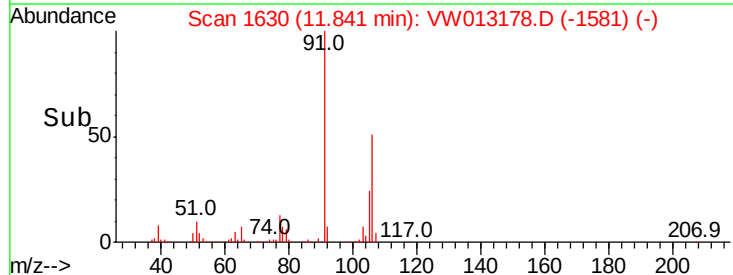
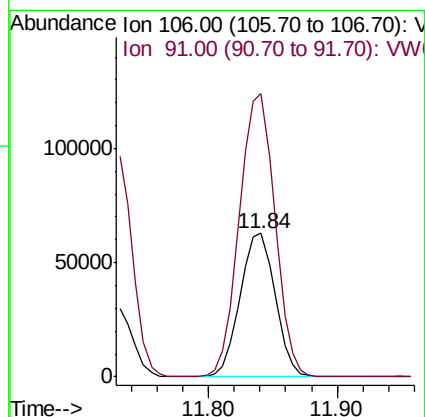
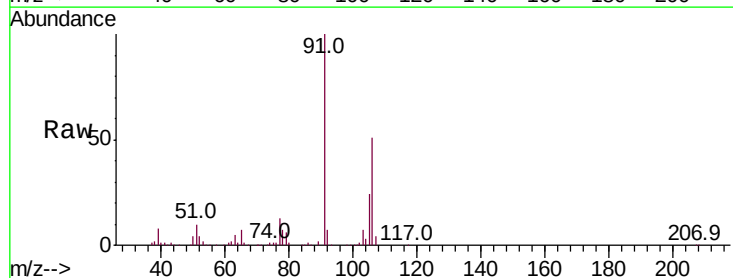
Instrument :
MSVOA_W
ClientSampled :

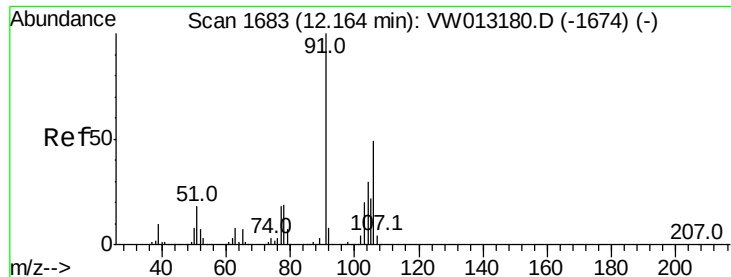
Tot Ion: 91 Resp: 156458
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 23.179 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 106 Resp: 118473
Ion Ratio Lower Upper
106 100
91 200.3 157.9 236.9

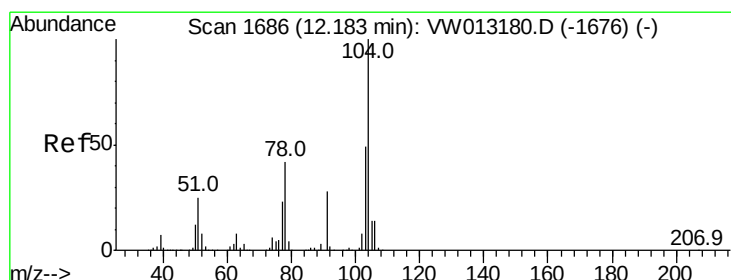
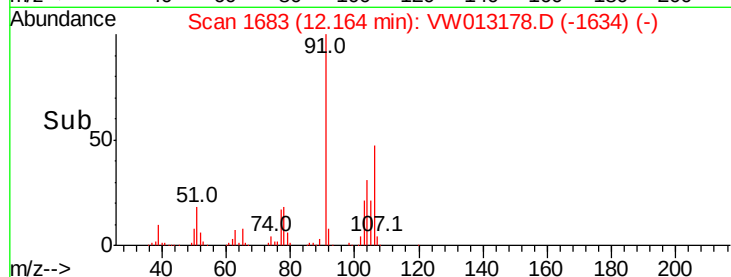
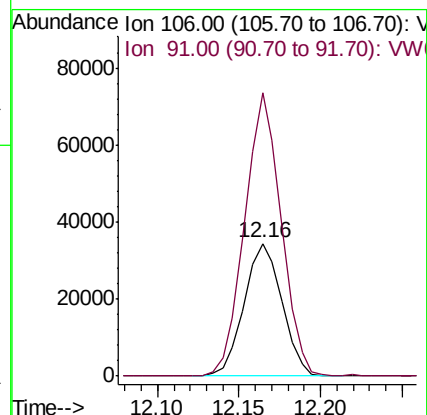
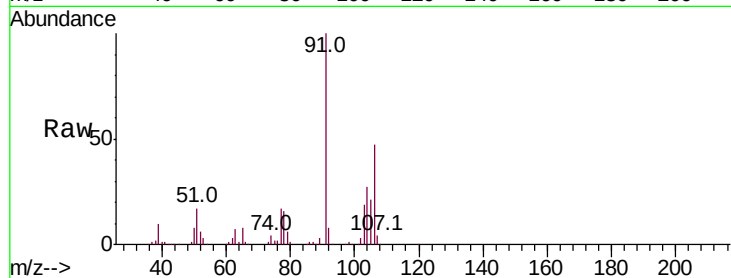




#69
o-Xylene
Concen: 11.653 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

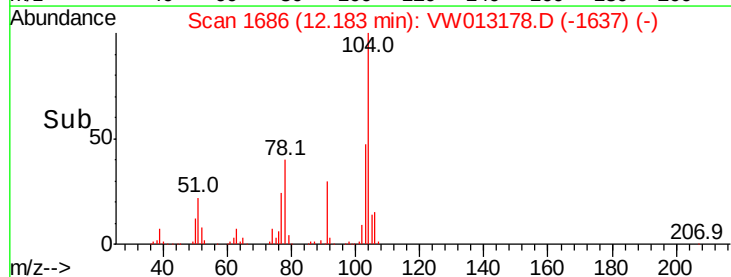
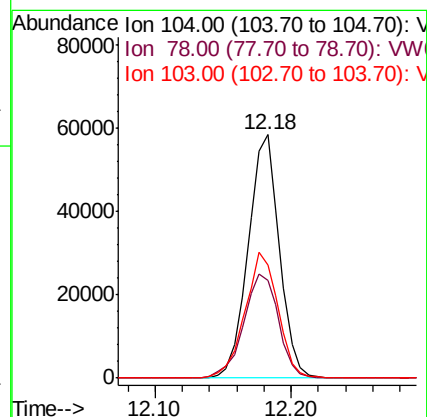
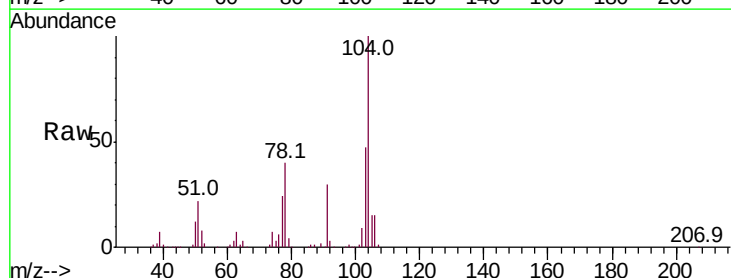
Instrument :
MSVOA_W
ClientSampled :

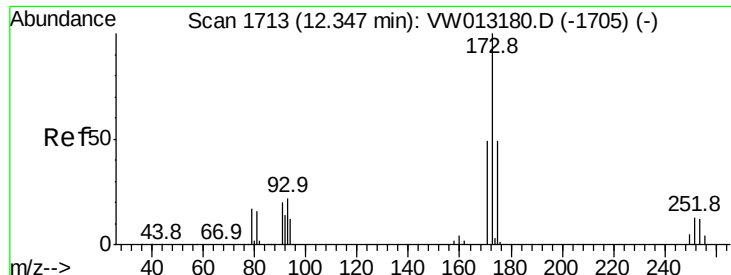
Tot Ion:106 Resp: 55682
Ion Ratio Lower Upper
106 100
91 206.1 106.5 319.5



#70
Styrene
Concen: 11.067 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion:104 Resp: 93708
Ion Ratio Lower Upper
104 100
78 47.8 38.4 57.6
103 55.0 43.3 64.9





#71

Bromoform

Concen: 10.729 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

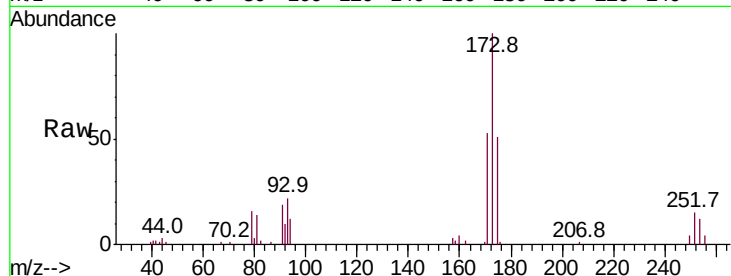
Tot Ion:173 Resp: 15868

Ion Ratio Lower Upper

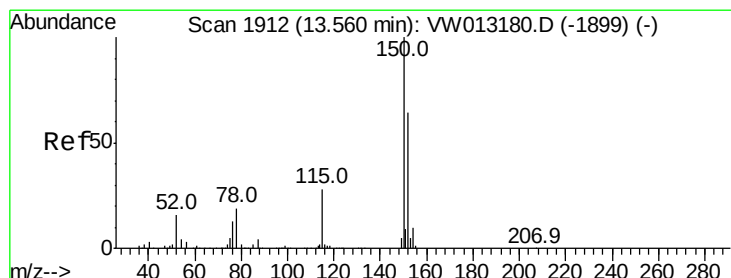
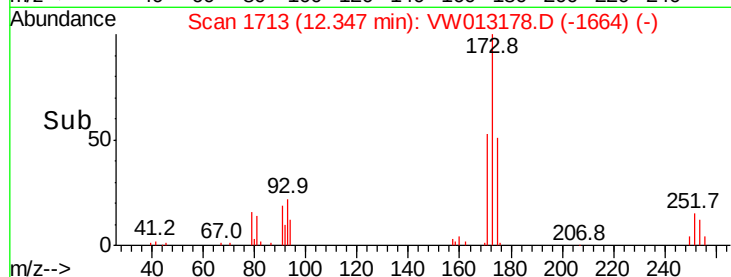
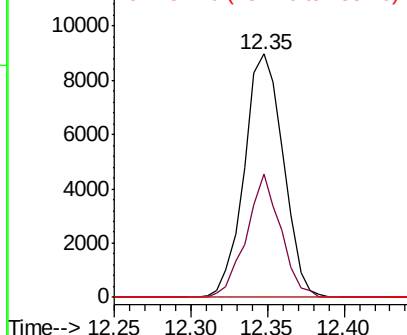
173 100

175 44.8 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

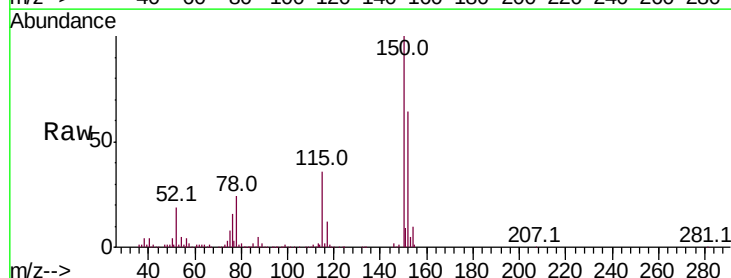
Tgt Ion:152 Resp: 208501

Ion Ratio Lower Upper

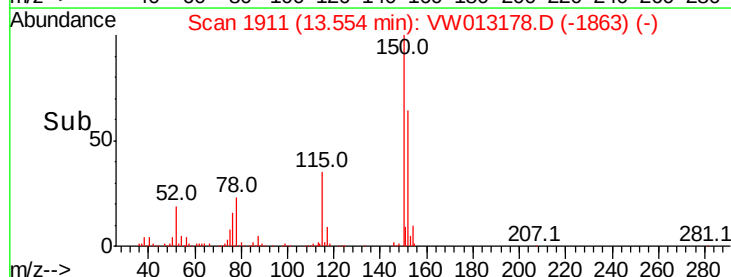
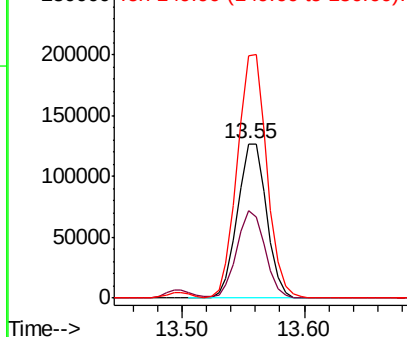
152 100

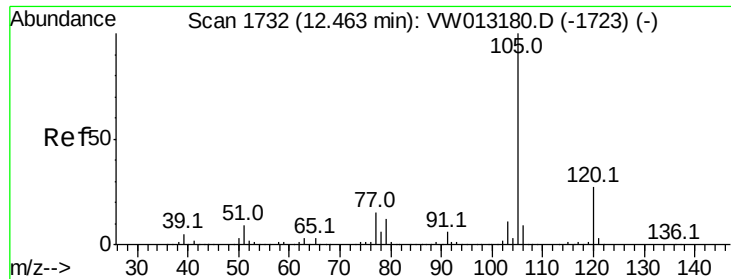
115 54.9 27.3 81.9

150 160.2 0.0 349.0



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

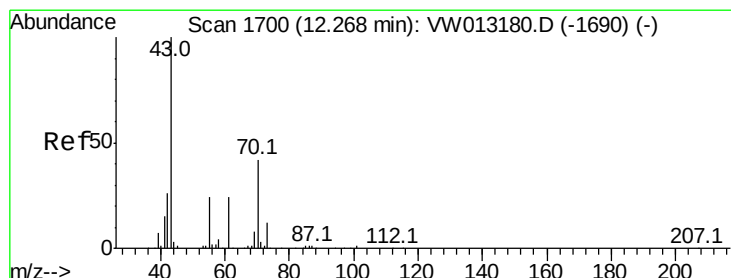
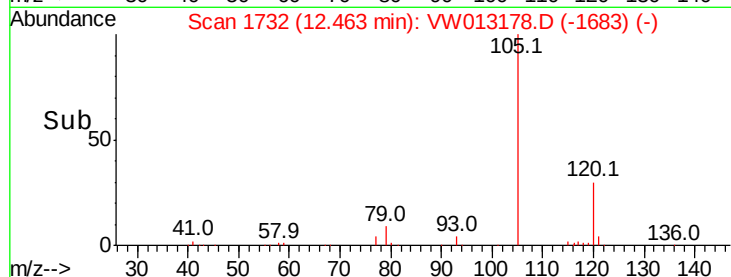
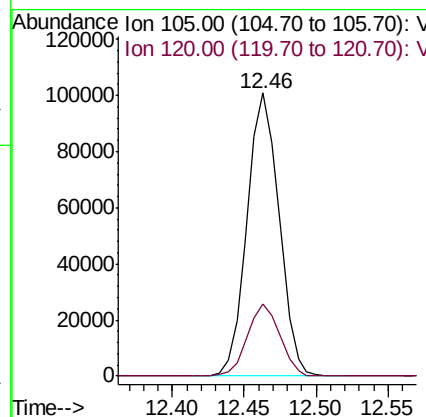
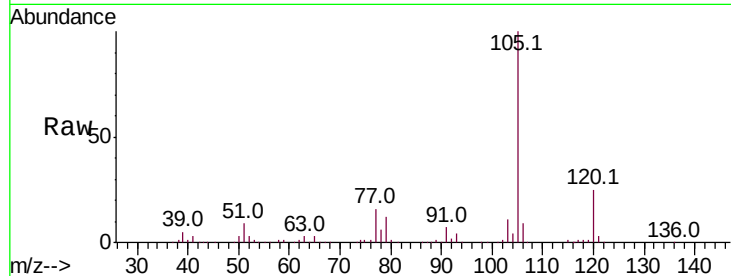




#73
Isopropylbenzene
Concen: 11.056 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

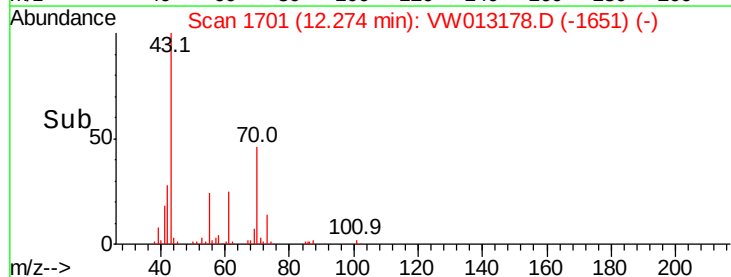
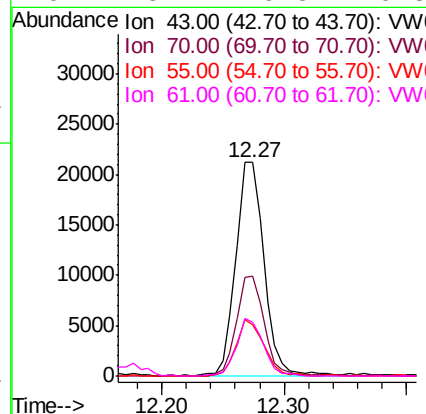
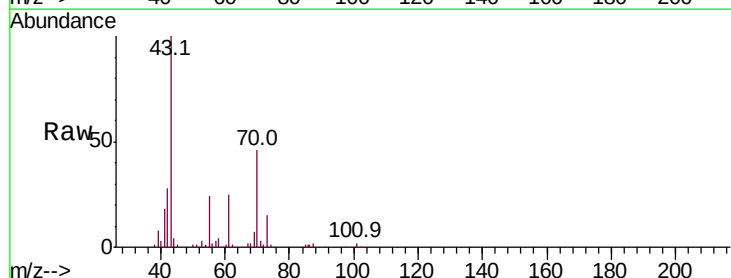
Instrument :
MSVOA_W
ClientSampled :

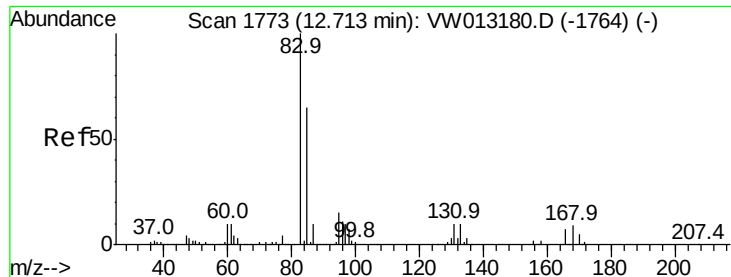
Tot Ion:105 Resp: 155238
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 9.664 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 43 Resp: 34016
Ion Ratio Lower Upper
43 100
70 45.4 35.1 52.7
55 25.8 19.9 29.9
61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 11.186 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

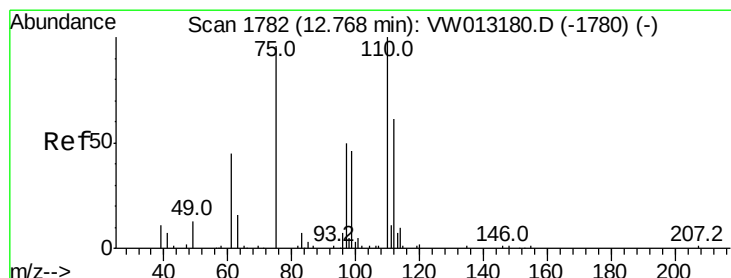
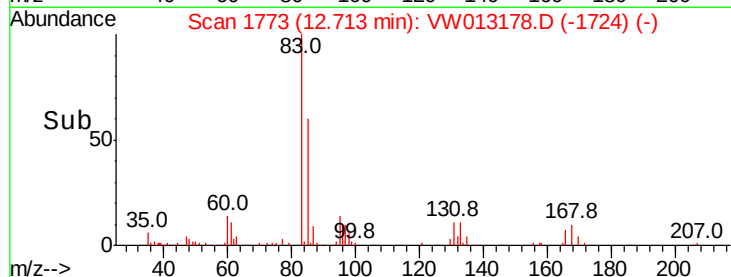
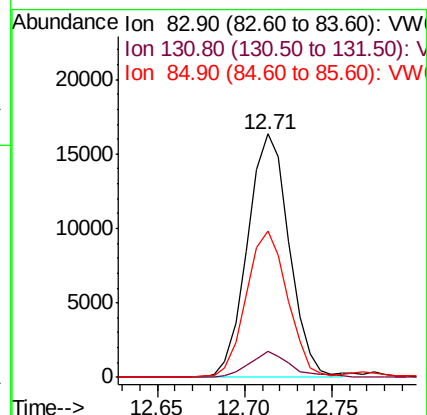
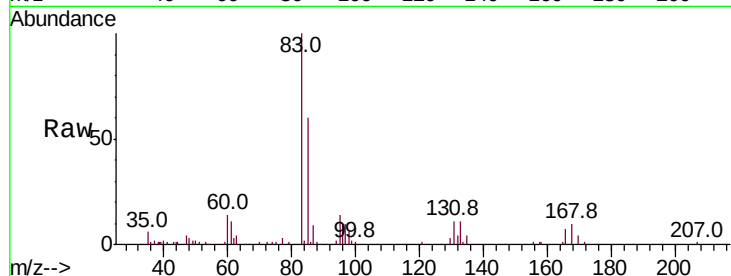
Tot Ion: 83 Resp: 27148

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 59.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 18.259 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW013178.D

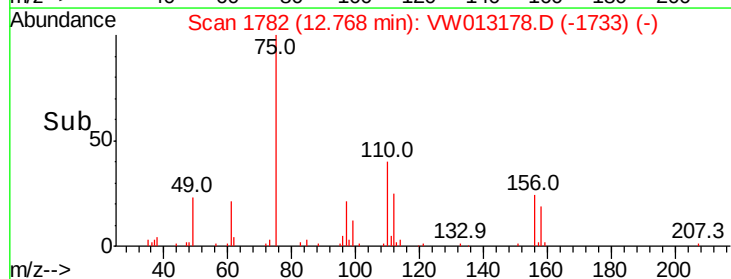
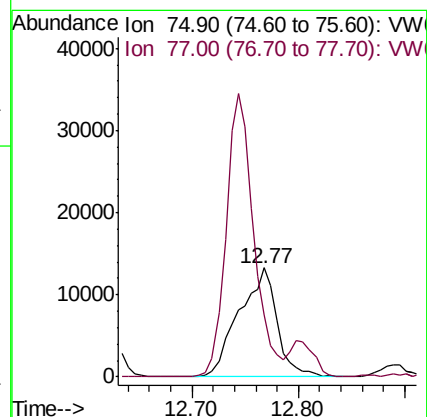
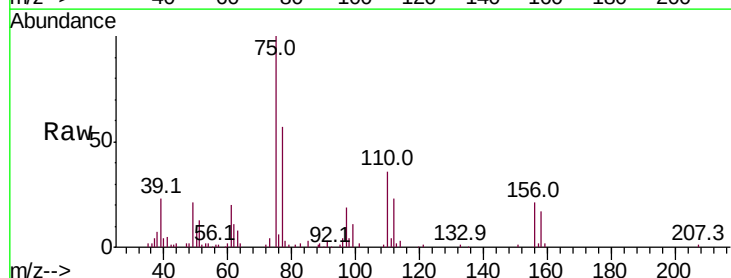
Acq: 20 Sep 2019 13:09

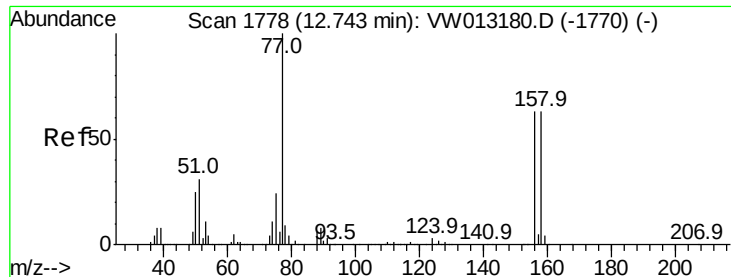
Tgt Ion: 75 Resp: 33213

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 11.239 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

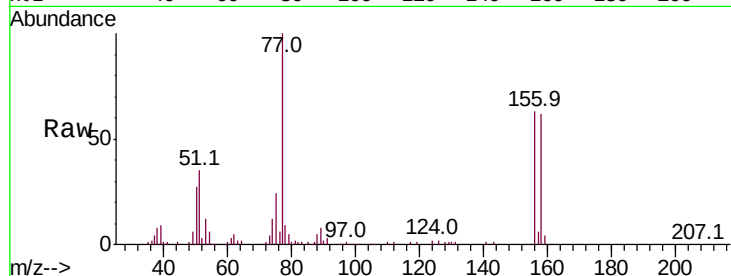
Tot Ion:156 Resp: 36763

Ion Ratio Lower Upper

156 100

77 170.6 85.7 257.1

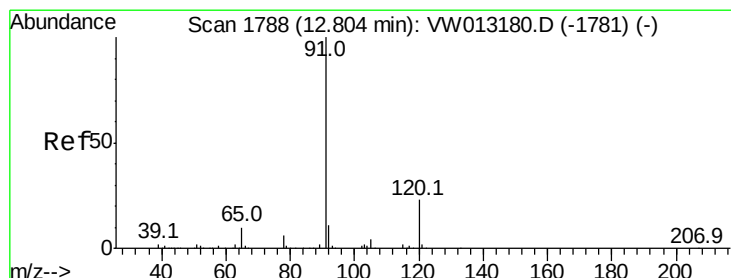
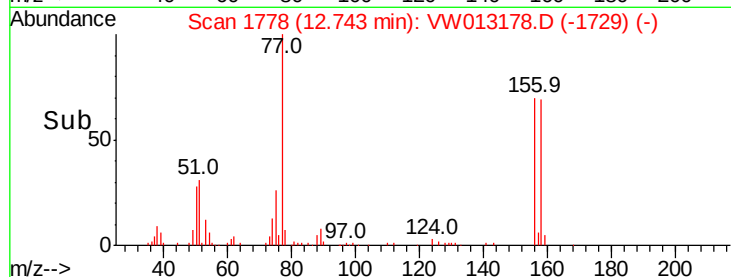
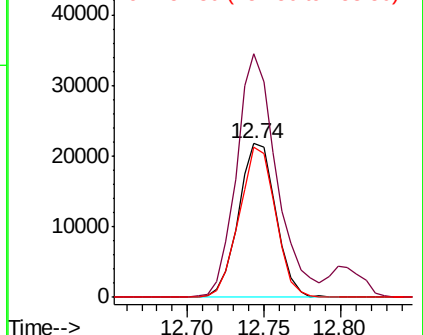
158 95.2 48.1 144.4



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: 10.863 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013178.D

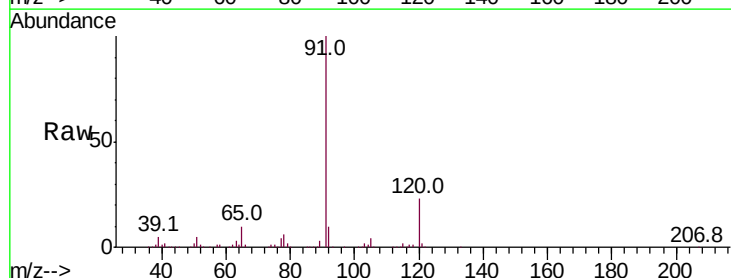
Acq: 20 Sep 2019 13:09

Tgt Ion: 91 Resp: 179298

Ion Ratio Lower Upper

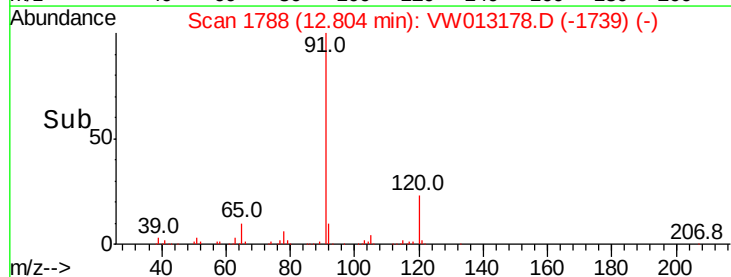
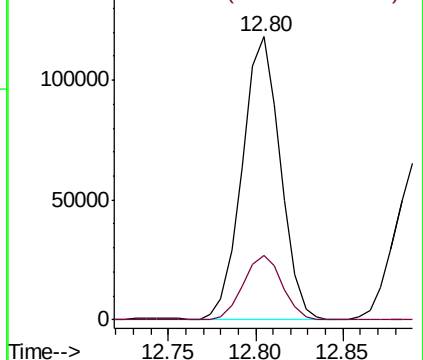
91 100

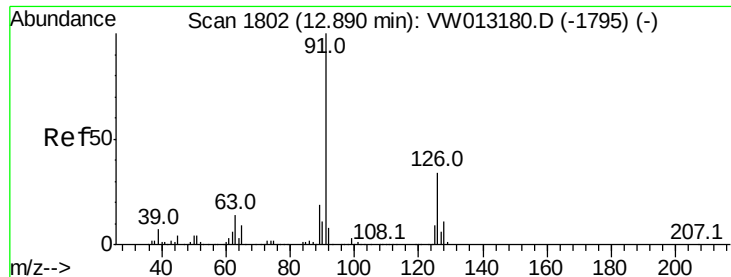
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.571 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

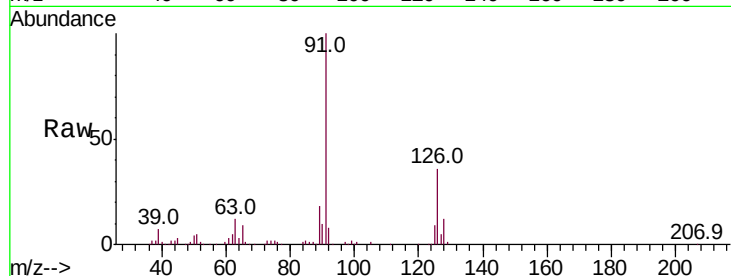
ClientSampled :

Tot Ion: 91 Resp: 99958

Ion Ratio Lower Upper

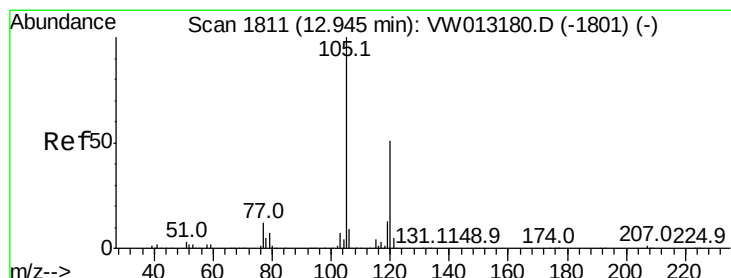
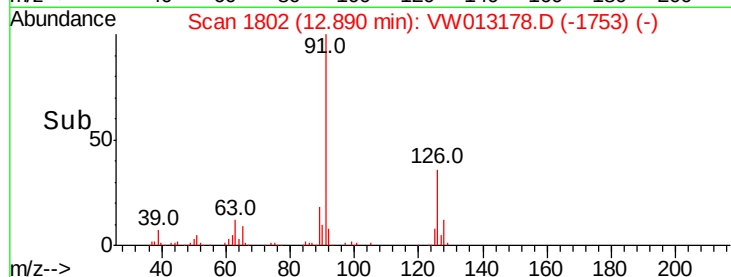
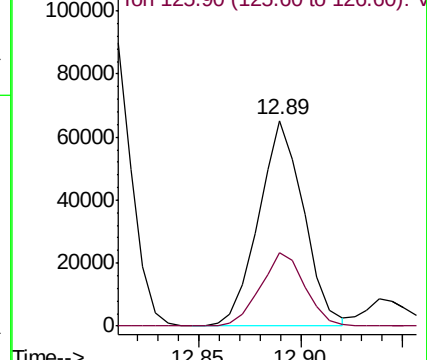
91 100

126 35.3 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 11.002 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW013178.D

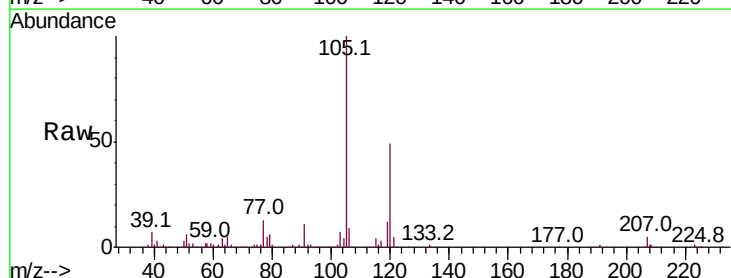
Acq: 20 Sep 2019 13:09

Tgt Ion:105 Resp: 130851

Ion Ratio Lower Upper

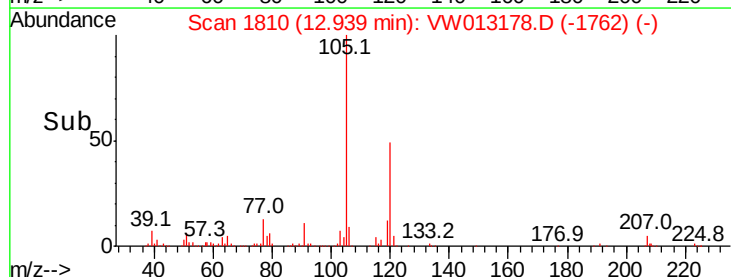
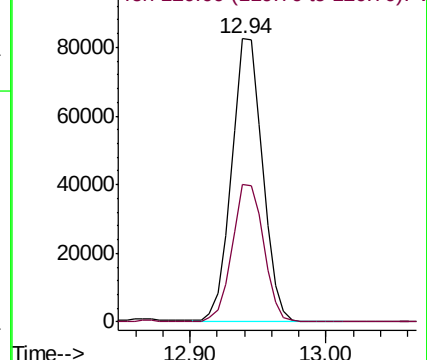
105 100

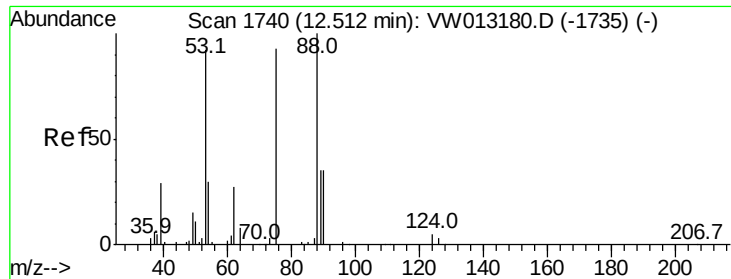
120 49.3 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

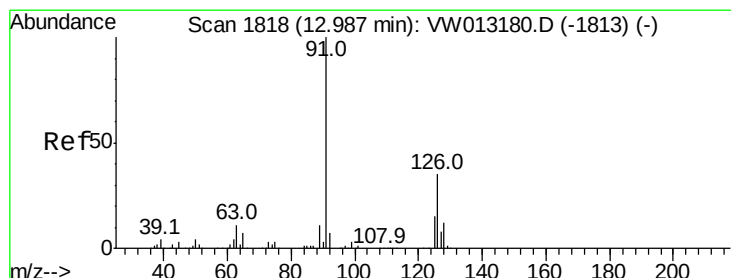
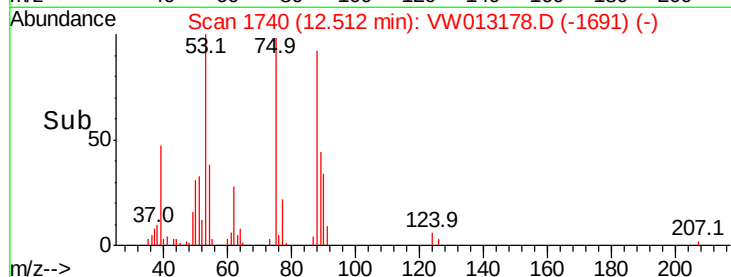
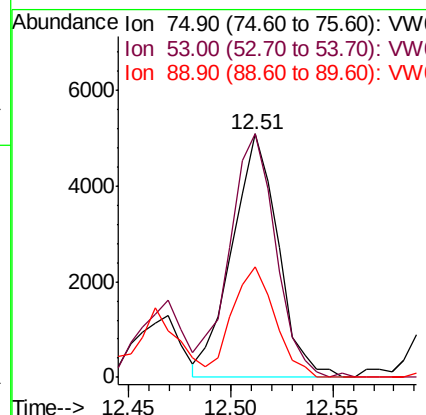
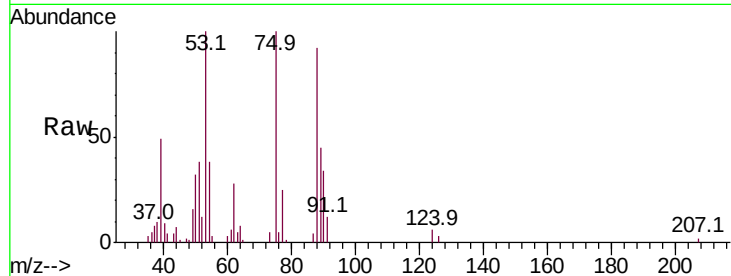




#81
trans-1,4-Dichloro-2-butene
Concen: 9.901 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

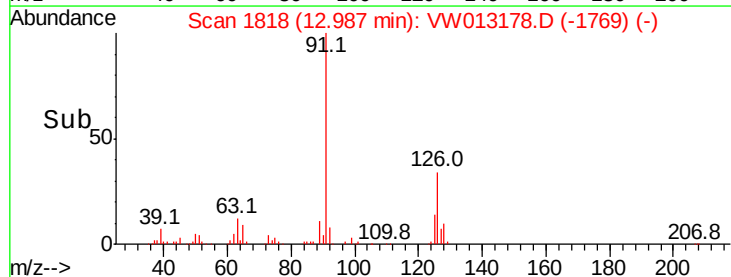
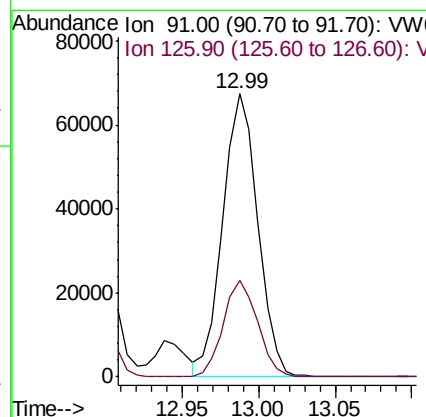
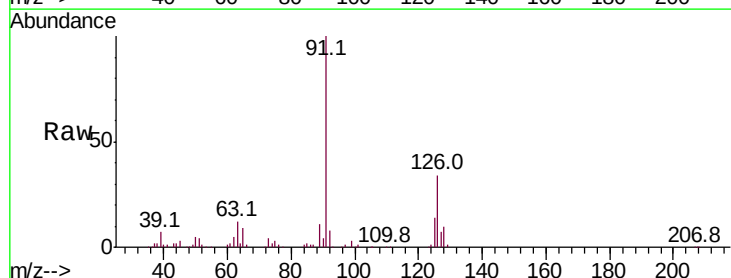
Instrument :
MSVOA_W
ClientSampleId :

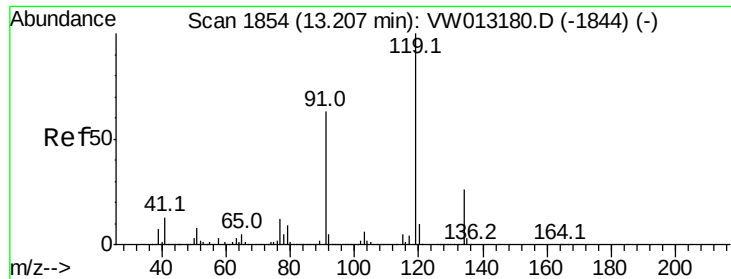
Tot Ion: 75 Resp: 7959
Ion Ratio Lower Upper
75 100
53 101.3 76.6 114.8
89 42.2 33.5 50.3



#82
4-Chlorotoluene
Concen: 10.747 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion: 91 Resp: 106651
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.7

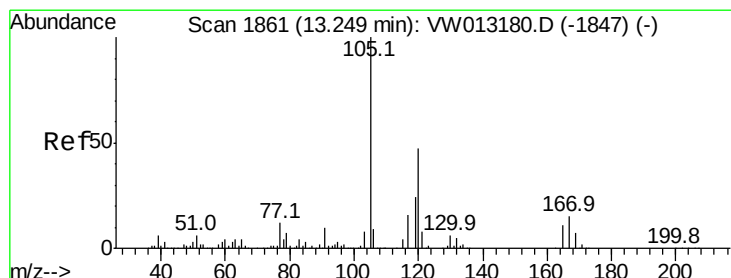
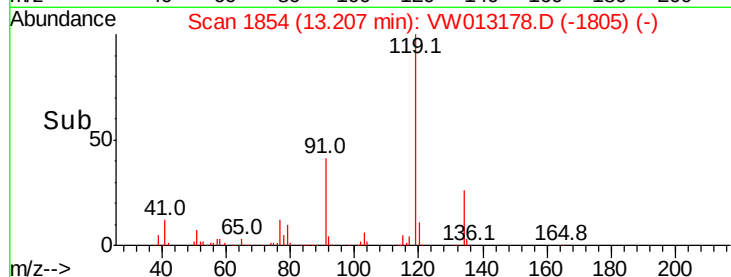
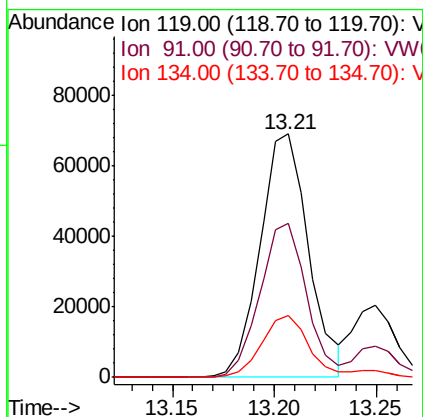
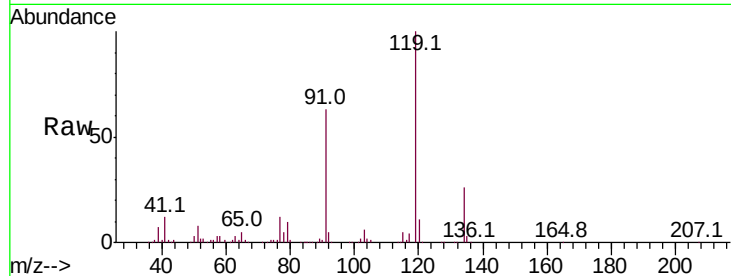




#83
 tert-Butylbenzene
 Concen: 10.835 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

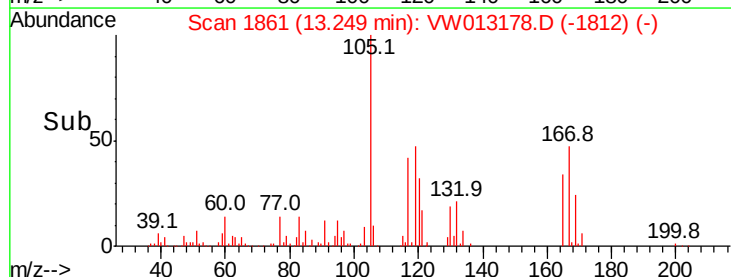
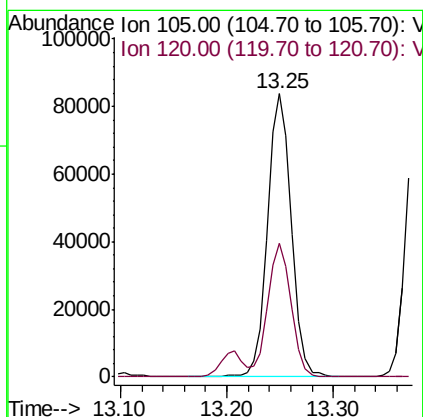
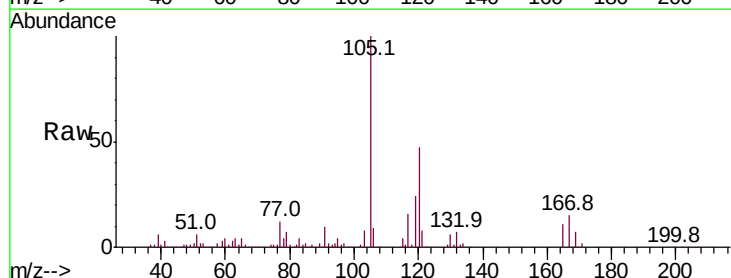
Instrument :
 MSVOA_W
 ClientSampleId :

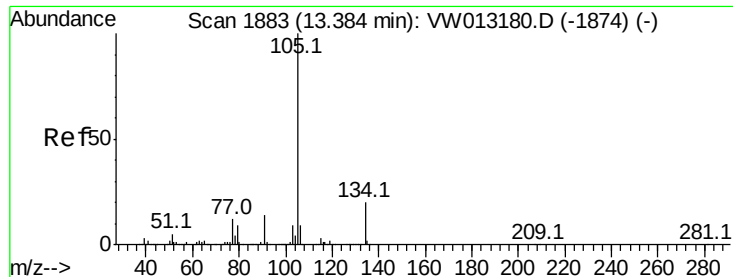
Tot Ion:119 Resp: 114730
 Ion Ratio Lower Upper
 119 100
 91 60.9 30.7 92.1
 134 24.8 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 11.142 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion:105 Resp: 130873
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.4 70.3





#85

sec-Butylbenzene

Concen: 10.843 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

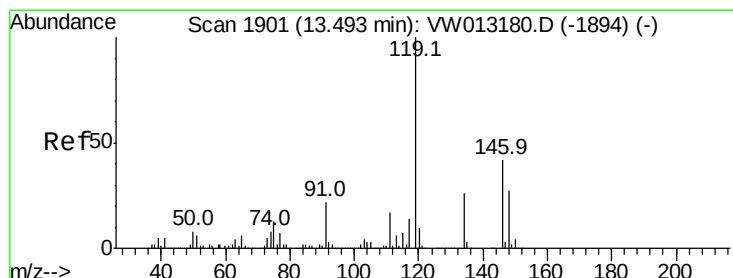
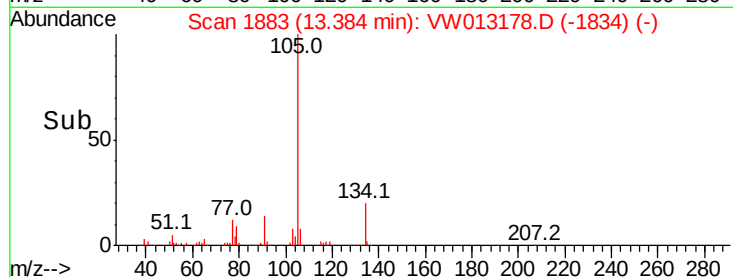
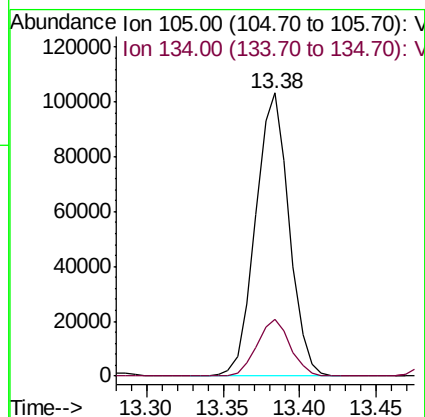
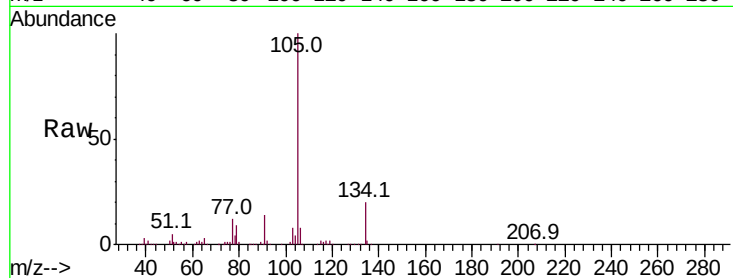
ClientSampleId :

Tot Ion:105 Resp: 156924

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 10.939 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

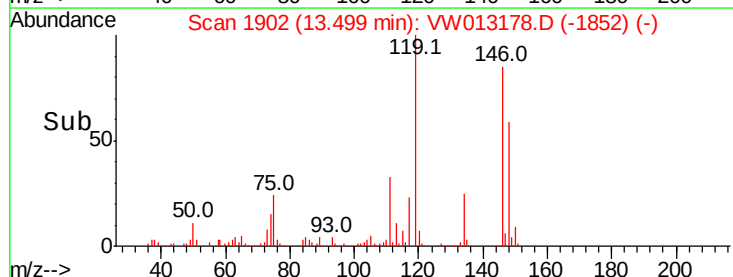
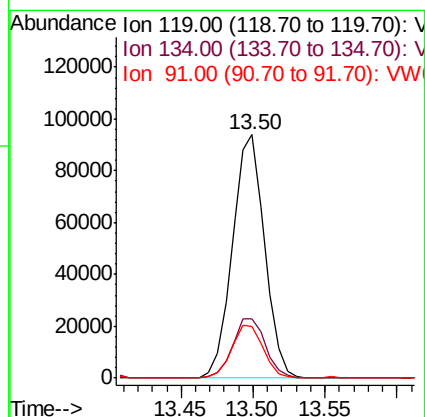
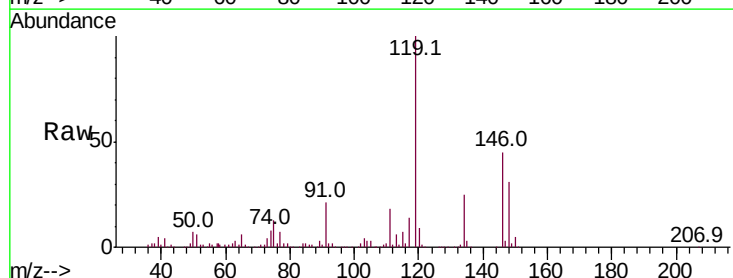
Tgt Ion:119 Resp: 145560

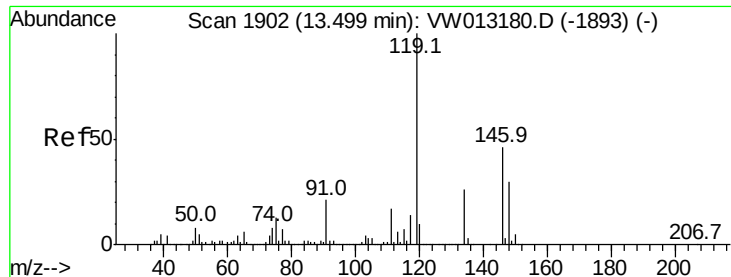
Ion Ratio Lower Upper

119 100

134 25.5 13.3 39.8

91 21.7 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 10.979 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

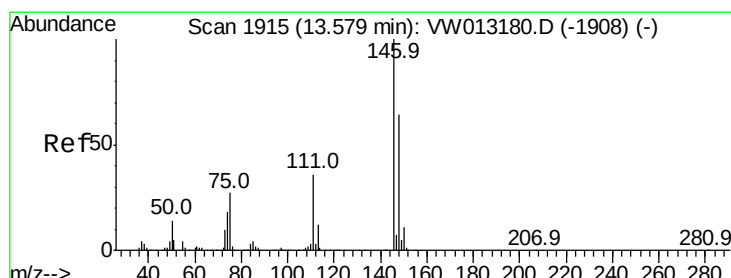
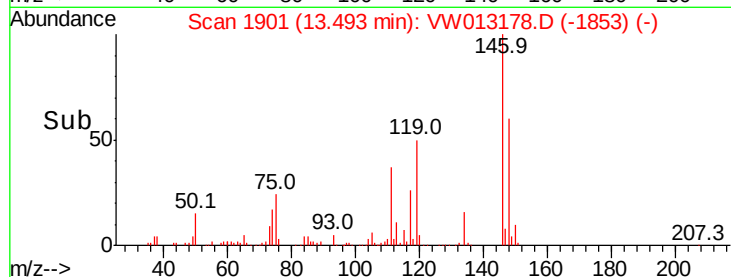
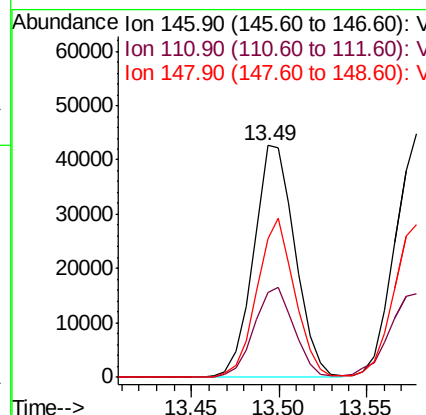
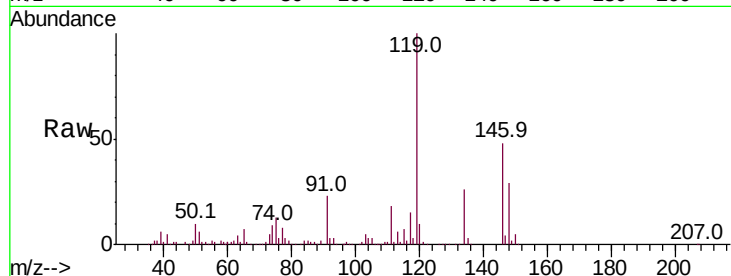
Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:146 Resp: 70517

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	62.7	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 10.938 ug/l

RT: 13.58 min Scan# 1915

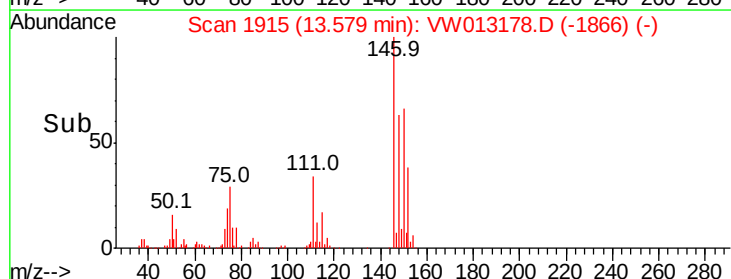
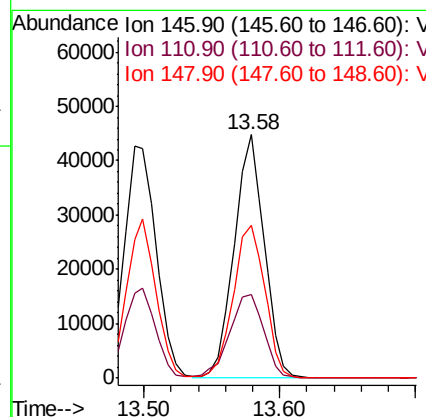
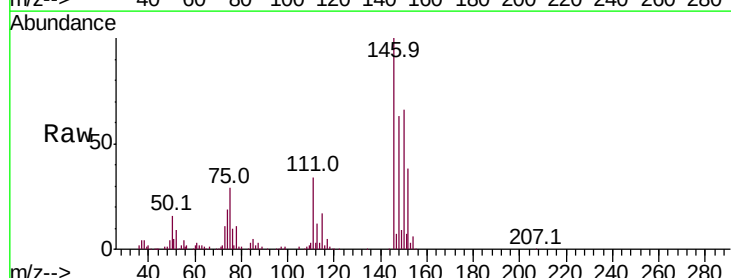
Delta R.T. -0.00 min

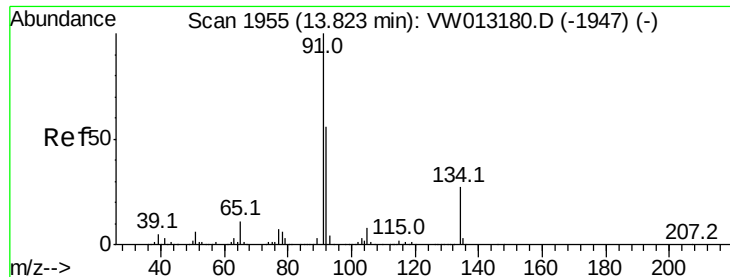
Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Tgt Ion:146 Resp: 68872

Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.4	55.0
148	66.3	32.1	96.3





#89

n-Butylbenzene

Concen: 10.246 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW013178.D

Acq: 20 Sep 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

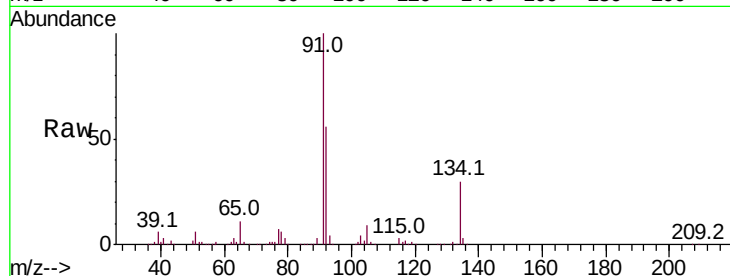
Tot Ion: 91 Resp: 127894

Ion Ratio Lower Upper

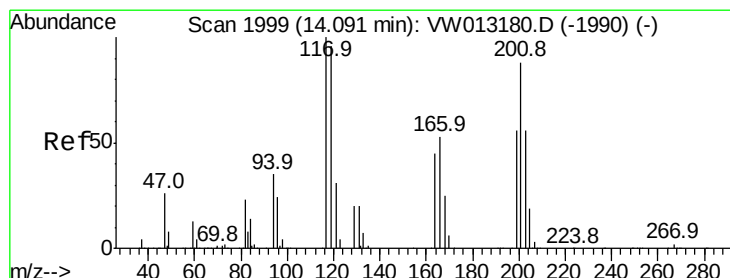
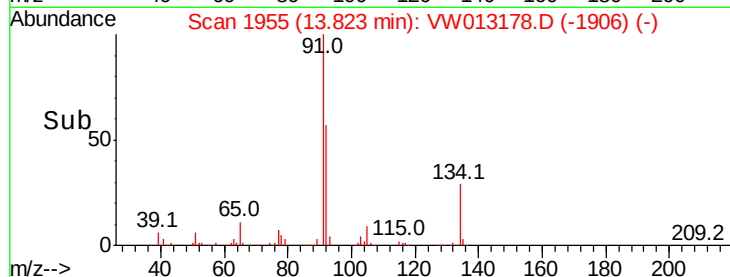
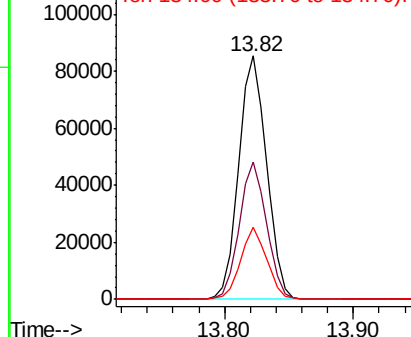
91 100

92 54.8 27.6 82.8

134 27.6 13.7 41.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 10.083 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW013178.D

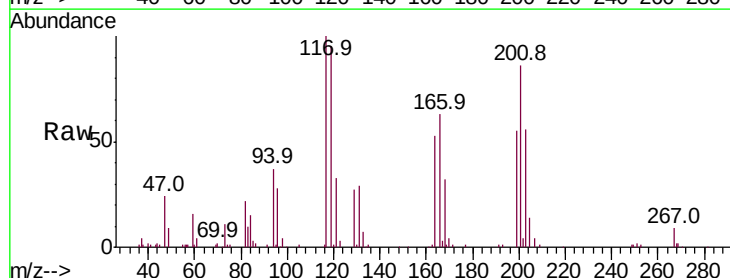
Acq: 20 Sep 2019 13:09

Tgt Ion: 117 Resp: 23855

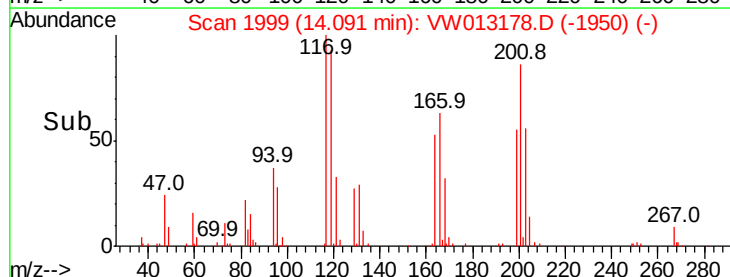
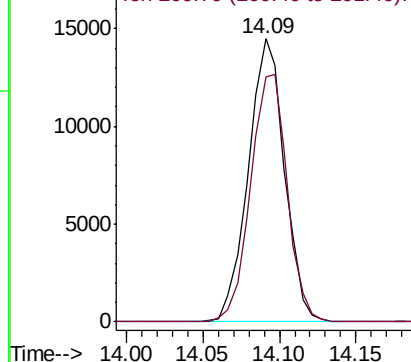
Ion Ratio Lower Upper

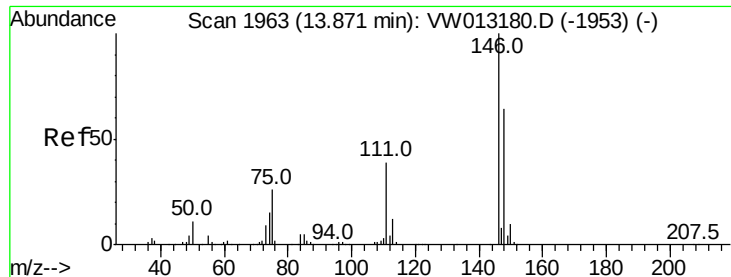
117 100

201 88.3 44.5 133.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

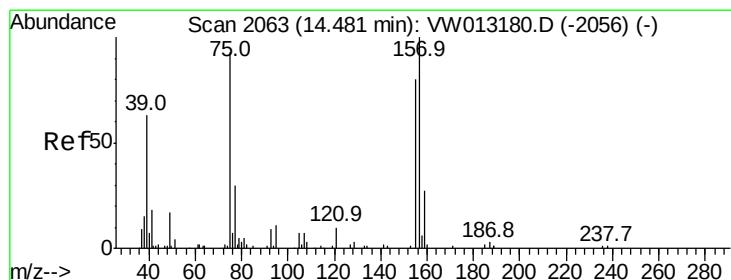
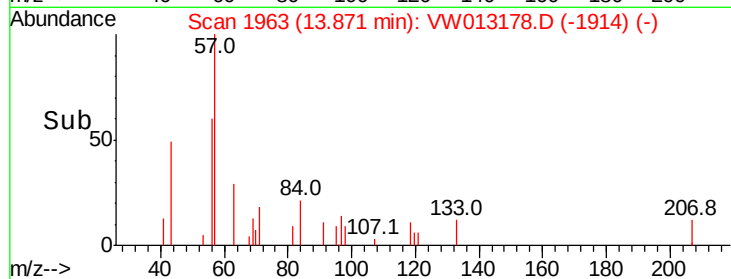
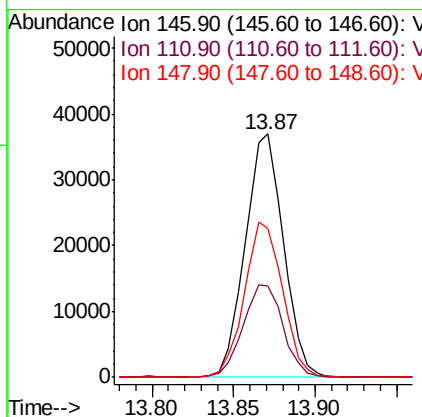
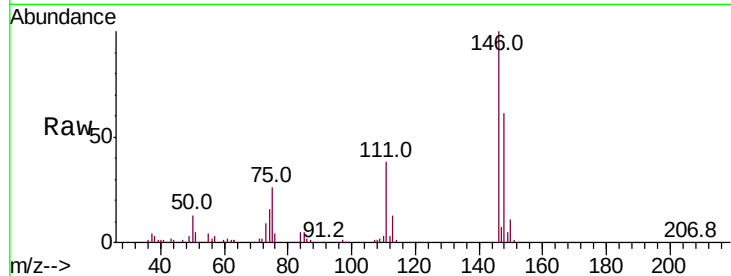




#91
 1,2-Dichlorobenzene
 Concen: 10.735 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

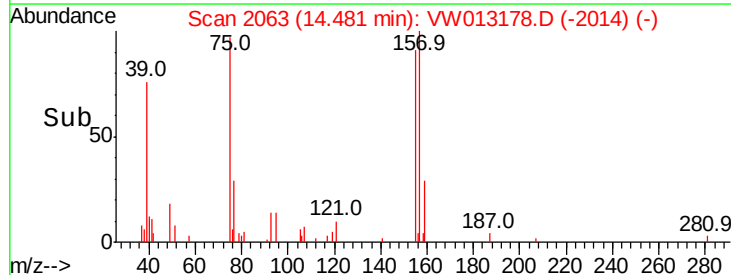
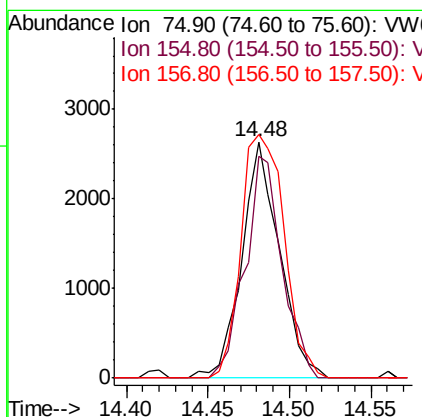
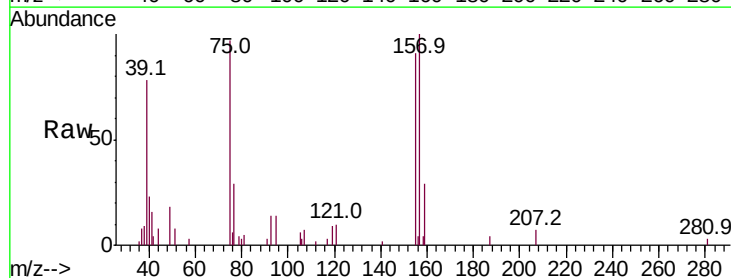
Instrument :
 MSVOA_W
 ClientSampleId :

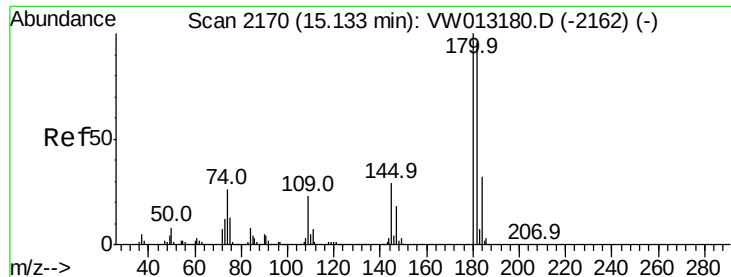
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.3
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.704 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.3	46.1	138.3
157	117.7	60.4	181.2

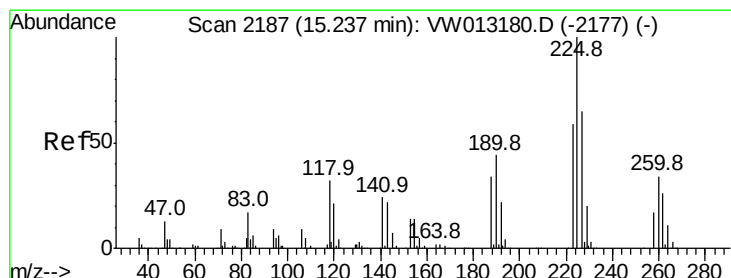
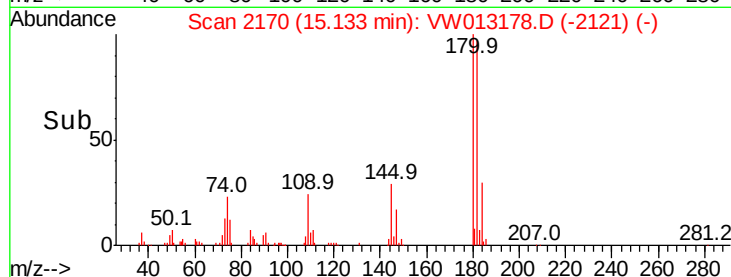
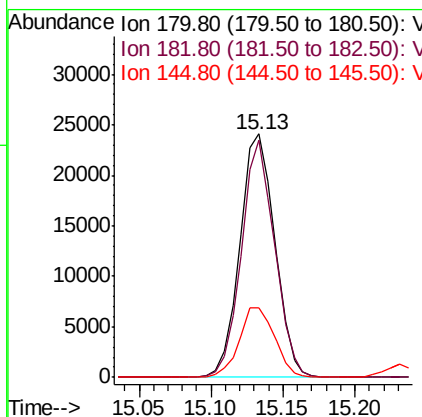
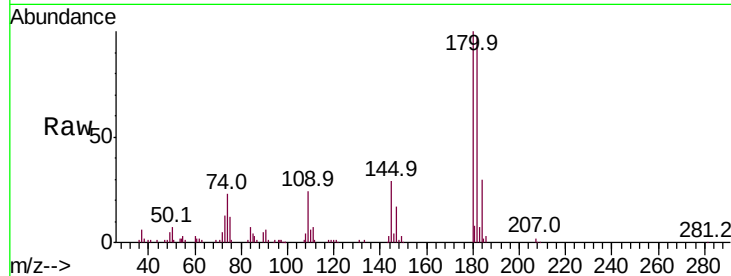




#93
 1,2,4-Trichlorobenzene
 Concen: 10.066 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

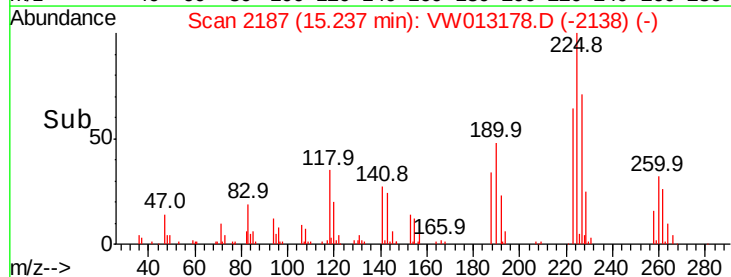
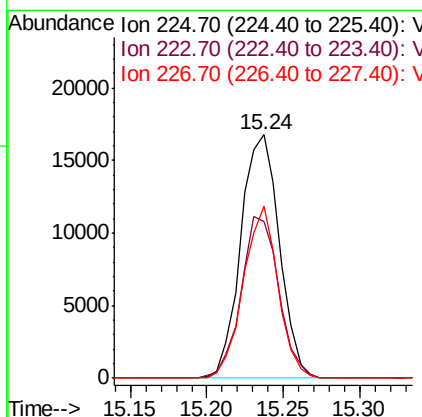
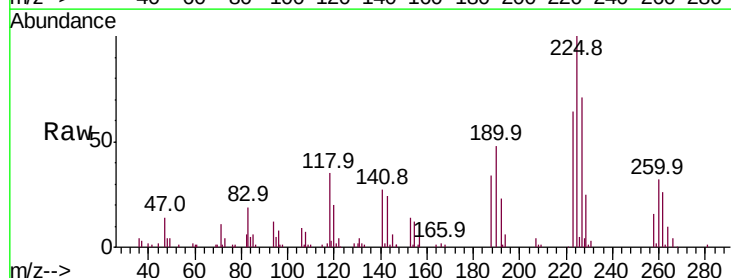
Instrument :
 MSVOA_W
 ClientSampleId :

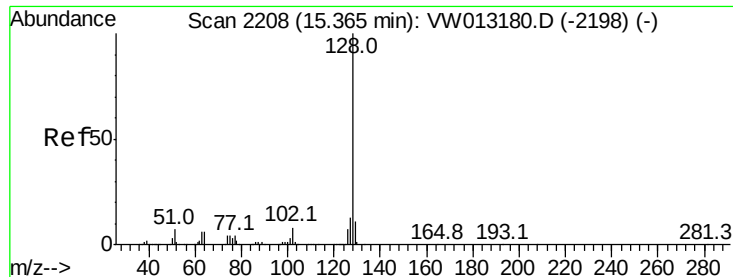
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	47.3	142.0
145	29.1	14.2	42.8



#94
 Hexachlorobutadiene
 Concen: 10.358 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013178.D
 Acq: 20 Sep 2019 13:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.6	91.8
227	63.3	31.9	95.9

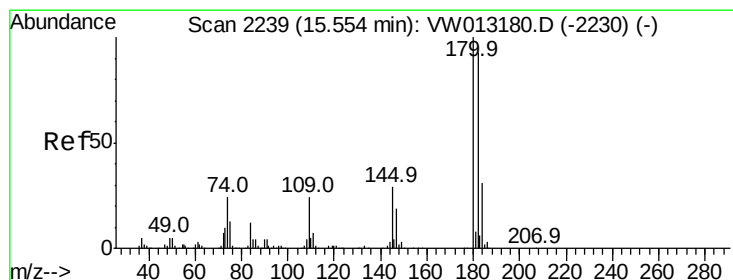
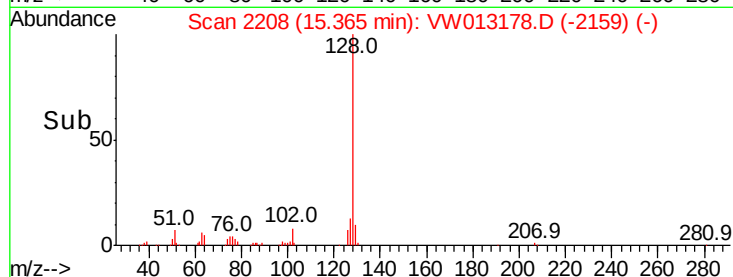
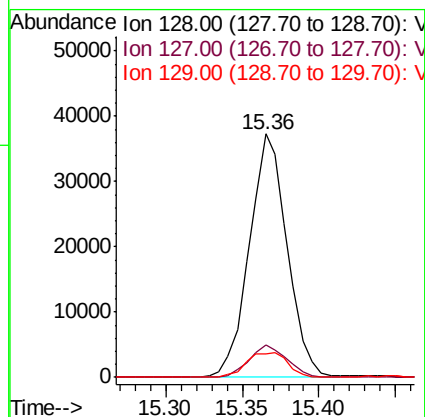
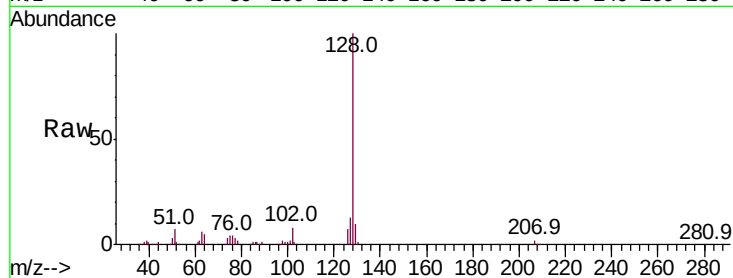




#95
Naphthalene
Concen: 9.581 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 63940
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 9.737 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013178.D
Acq: 20 Sep 2019 13:09

Tgt Ion:180 Resp: 34535
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.7
145 29.6 15.0 45.0

