

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014718.D
 Acq On : 23 Jan 2020 10:18
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:09:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	693283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1024669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	876153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	428525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	322090	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	316480	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.32	98	1298454	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.62	95	438482	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	181814	46.447	ug/l	99
3) Chloromethane	2.21	50	250005	52.178	ug/l	98
4) Vinyl Chloride	2.36	62	378732	53.742	ug/l	98
5) Bromomethane	2.77	94	222268	51.056	ug/l	100
6) Chloroethane	2.92	64	215781	53.714	ug/l	99
7) Trichlorofluoromethane	3.25	101	220575	62.557	ug/l	98
8) Diethyl Ether	3.68	74	170354	48.558	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	347238	52.706	ug/l	98
10) Methyl Iodide	4.27	142	485867	48.878	ug/l	97
11) Tert butyl alcohol	5.17	59	97312	203.996	ug/l	97
12) 1,1-Dichloroethene	4.04	96	357699	51.846	ug/l	94
13) Acrolein	3.89	56	138259	261.335	ug/l	98
14) Allyl chloride	4.67	41	583782	55.371	ug/l	98
15) Acrylonitrile	5.36	53	378822	236.232	ug/l	100
16) Acetone	4.12	43	430034	251.253	ug/l	97
17) Carbon Disulfide	4.38	76	1049370	50.465	ug/l	98
18) Methyl Acetate	4.67	43	191106	46.232	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	424472	49.564	ug/l	99
20) Methylene Chloride	4.91	84	371310	53.997	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	378971	51.732	ug/l	95
22) Diisopropyl ether	6.31	45	1064606	53.948	ug/l	98
23) Vinyl Acetate	6.25	43	3088997	259.221	ug/l	98
24) 1,1-Dichloroethane	6.21	63	680131	54.638	ug/l	100
25) 2-Butanone	7.17	43	522231	237.757	ug/l	97
26) 2,2-Dichloropropane	7.16	77	366715	53.211	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	394627	51.266	ug/l	95
28) Bromochloromethane	7.51	49	286656	58.739	ug/l	93
29) Tetrahydrofuran	7.52	42	309128	227.176	ug/l	97
30) Chloroform	7.67	83	625552	53.739	ug/l	99
31) Cyclohexane	7.95	56	654017	50.556	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	508202	54.284	ug/l	98
36) 1,1-Dichloropropene	8.08	75	533998	54.058	ug/l	99
37) Ethyl Acetate	7.24	43	213715	47.703	ug/l	97
38) Carbon Tetrachloride	8.07	117	465971	54.372	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	652829	51.498	ug/l	95
40) Benzene	8.32	78	1488405	53.254	ug/l	100
41) Methacrylonitrile	7.48	41	136383	54.611	ug/l	90
42) 1,2-Dichloroethane	8.40	62	379842	52.370	ug/l	98
43) Isopropyl Acetate	8.42	43	391542	48.128	ug/l	98
44) Trichloroethene	9.09	130	390550	51.641	ug/l	100
45) 1,2-Dichloropropane	9.37	63	365993	53.364	ug/l	98
46) Dibromomethane	9.45	93	168384	49.732	ug/l	98
47) Bromodichloromethane	9.64	83	447474	53.531	ug/l	100
48) Methyl methacrylate	9.43	41	179489	45.188	ug/l	95
49) 1,4-Dioxane	9.45	88	58595	925.287	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1006671	238.281	ug/l	98
52) Toluene	10.38	92	921773	52.424	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	439406	50.770	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	550396	52.033	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	241844	48.908	ug/l	99
56) Ethyl methacrylate	10.64	69	313890	48.844	ug/l	97
57) 1,3-Dichloropropane	10.93	76	431512	49.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	543540	278.101	ug/l	98
59) 2-Hexanone	10.96	43	720496	247.490	ug/l	98
60) Dibromochloromethane	11.13	129	278199	49.863	ug/l	98
61) 1,2-Dibromoethane	11.23	107	224357	47.798	ug/l	99
64) Tetrachloroethene	10.86	164	320235	50.486	ug/l	98
65) Chlorobenzene	11.65	112	932492	51.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	317404	52.519	ug/l	100
67) Ethyl Benzene	11.73	91	1731796	53.536	ug/l	98
68) m/p-Xylenes	11.83	106	1311325	105.920	ug/l	99
69) o-Xylene	12.16	106	598626	52.346	ug/l	98
70) Styrene	12.18	104	1037769	53.651	ug/l	99
71) Bromoform	12.35	173	155733	47.242	ug/l #	99
73) Isopropylbenzene	12.46	105	1660351	52.805	ug/l	99
74) N-amyl acetate	12.27	43	346157	49.099	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	270819	47.719	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	351836	86.838	ug/l #	100
77) Bromobenzene	12.74	156	367951	50.384	ug/l	97
78) n-propylbenzene	12.80	91	2004884	54.225	ug/l	99
79) 2-Chlorotoluene	12.89	91	1103639	52.452	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1388468	52.592	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	89215	49.060	ug/l	97
82) 4-Chlorotoluene	12.99	91	1151046	52.655	ug/l	100
83) tert-Butylbenzene	13.20	119	1218559	52.718	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1379934	52.524	ug/l	99
85) sec-Butylbenzene	13.38	105	1684507	52.650	ug/l	100
86) p-Isopropyltoluene	13.49	119	1546184	53.019	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	731678	51.523	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	710517	50.679	ug/l	99
89) n-Butylbenzene	13.82	91	1471074	54.320	ug/l	99
90) Hexachloroethane	14.09	117	267702	52.547	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	621889	49.824	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	40548	45.117	ug/l	96

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Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	438656	52.042	ug/l	100
94) Hexachlorobutadiene	15.24	225	292309	51.750	ug/l	96
95) Naphthalene	15.36	128	739351	51.433	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	384047	52.272	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: VW014718.D

Acq: 23 Jan 2020 10:18

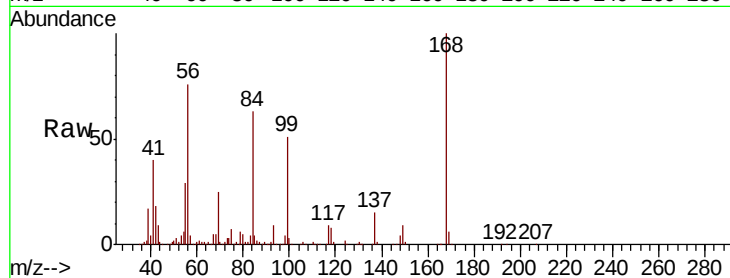
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 693283

Ion Ratio Lower Upper

168 100

99 50.7 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

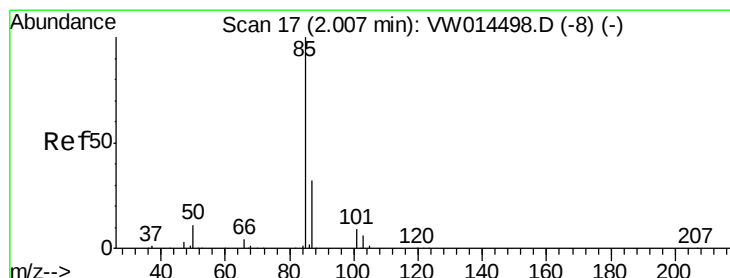
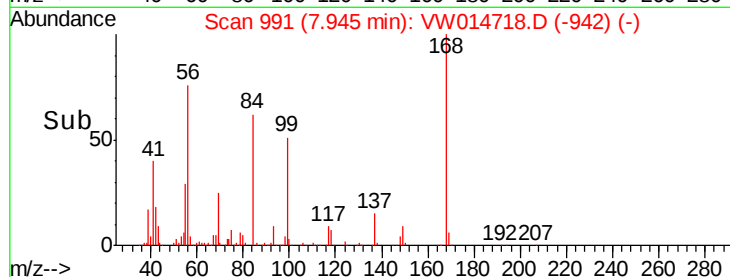
300000

200000

100000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 46.447 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014718.D

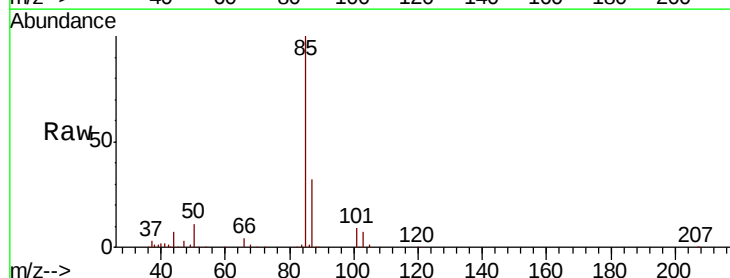
Acq: 23 Jan 2020 10:18

Tgt Ion: 85 Resp: 181814

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

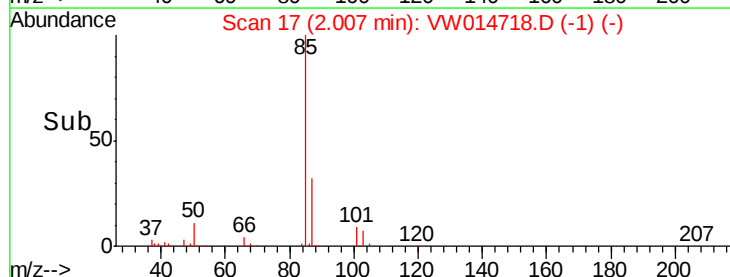
60000

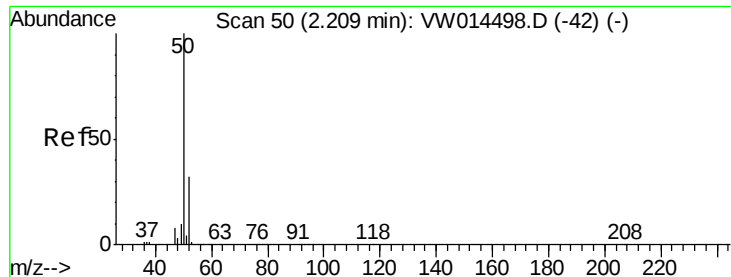
40000

20000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 52.178 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

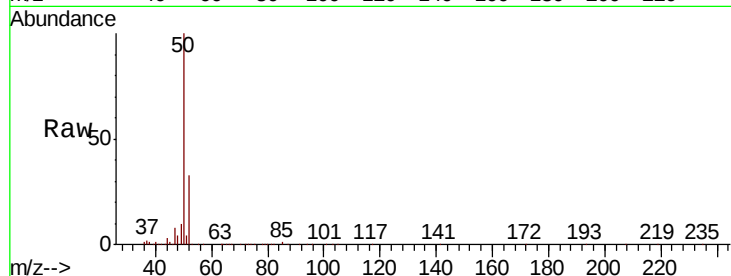
ClientSampleId :

Tot Ion: 50 Resp: 250005

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.21

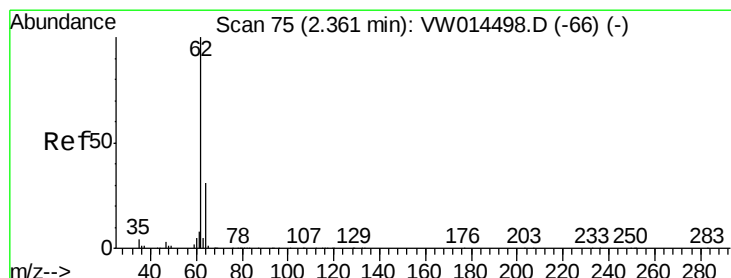
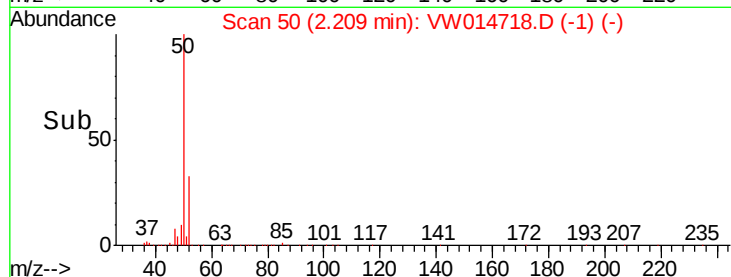
150000

100000

50000

0

Time--> 2.10 2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 53.742 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014718.D

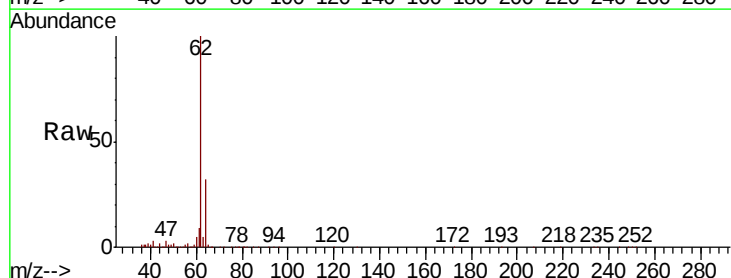
Acq: 23 Jan 2020 10:18

Tgt Ion: 62 Resp: 378732

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

200000

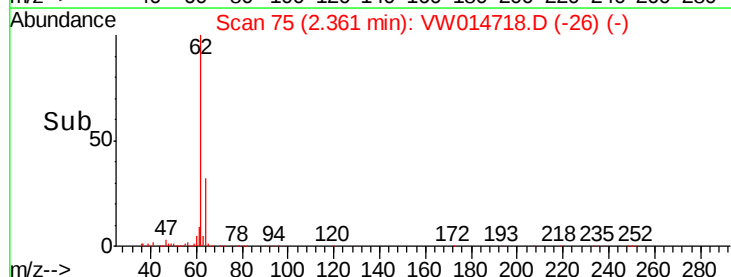
150000

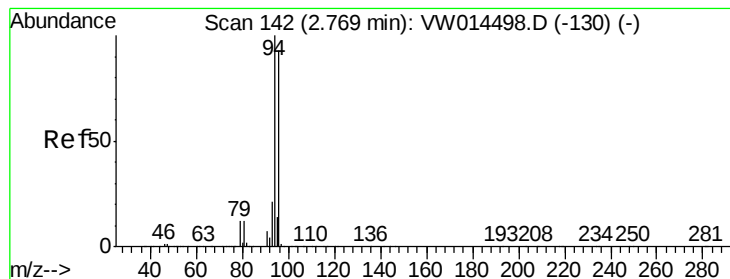
100000

50000

0

Time--> 2.20 2.30 2.40 2.50





#5

Bromomethane

Concen: 51.056 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

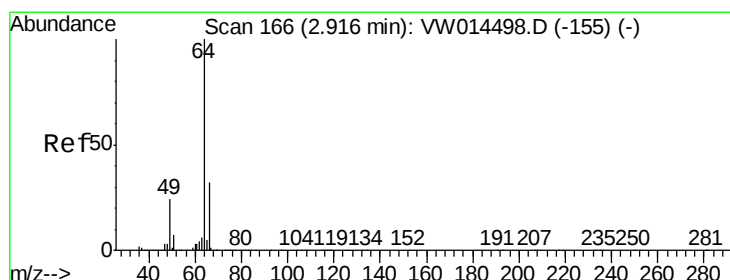
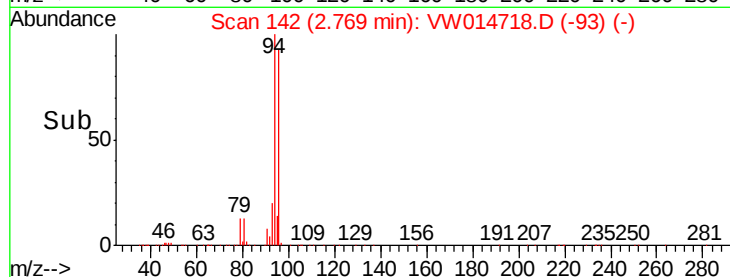
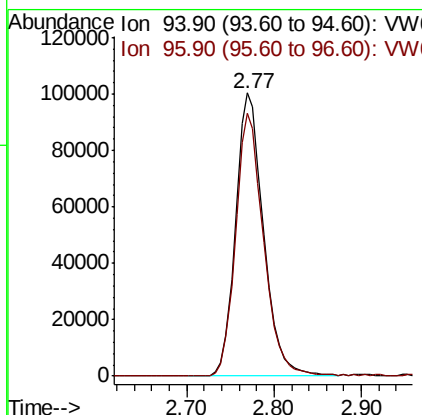
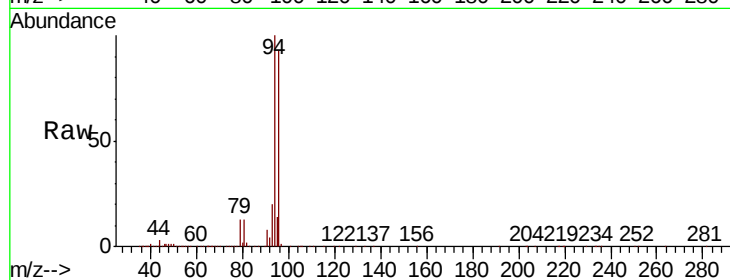
ClientSampled :

Tot Ion: 94 Resp: 222268

Ion Ratio Lower Upper

94 100

96 92.9 74.2 111.2



#6

Chloroethane

Concen: 53.714 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014718.D

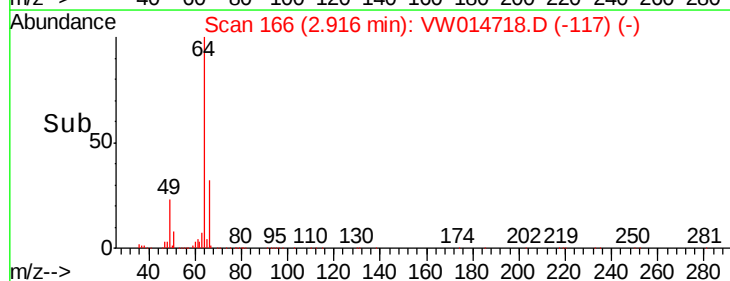
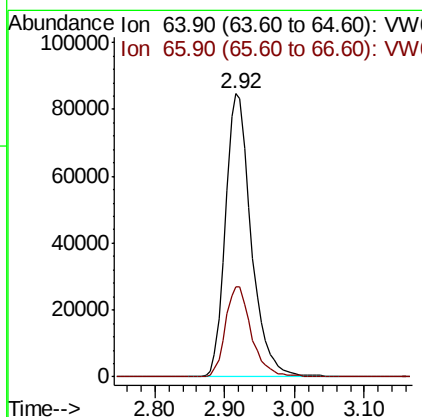
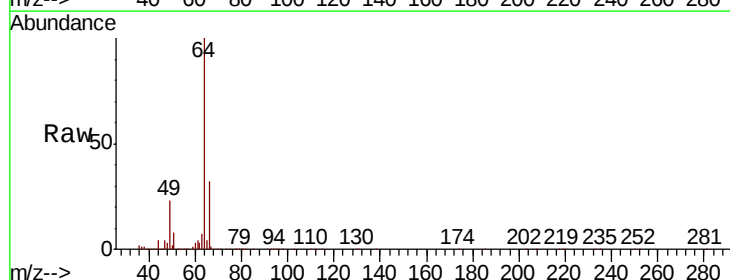
Acq: 23 Jan 2020 10:18

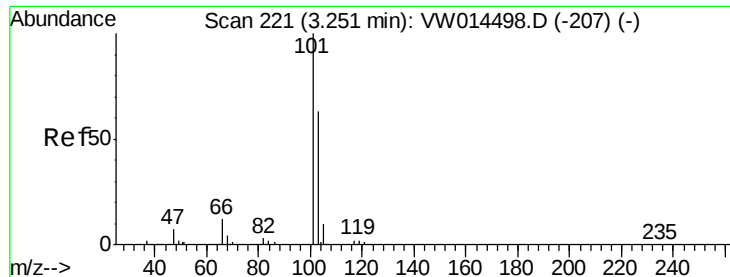
Tgt Ion: 64 Resp: 215781

Ion Ratio Lower Upper

64 100

66 31.7 25.7 38.5



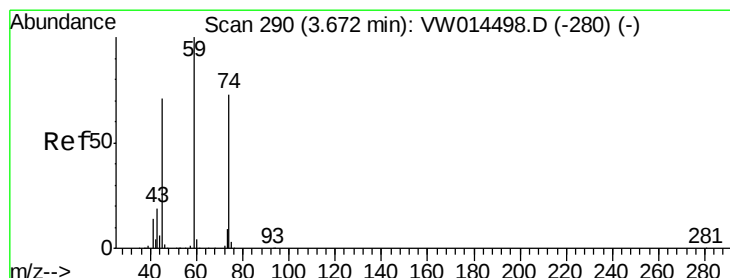
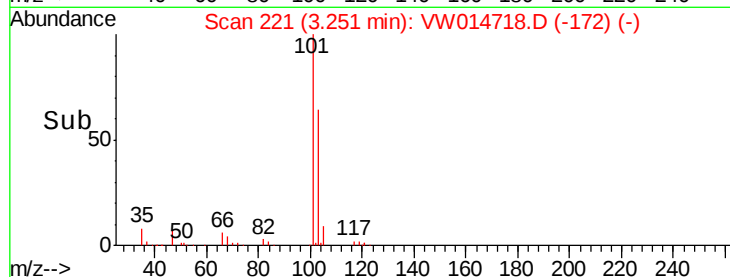
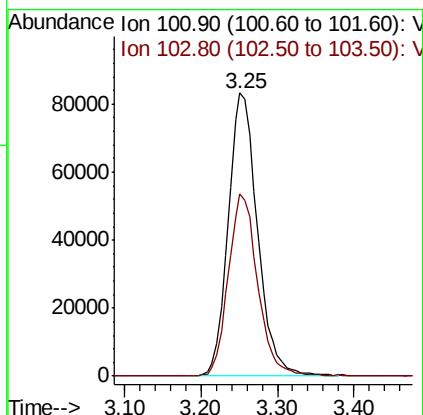
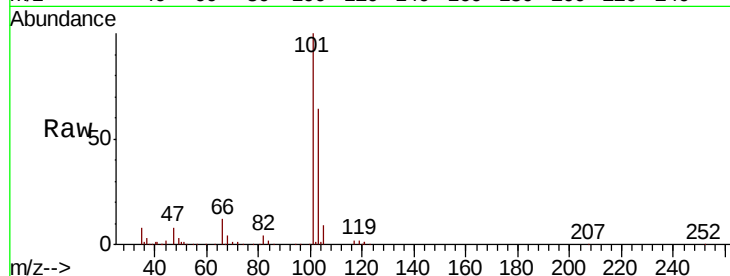


#7

Trichlorofluoromethane
 Concen: 62.557 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW014718.D
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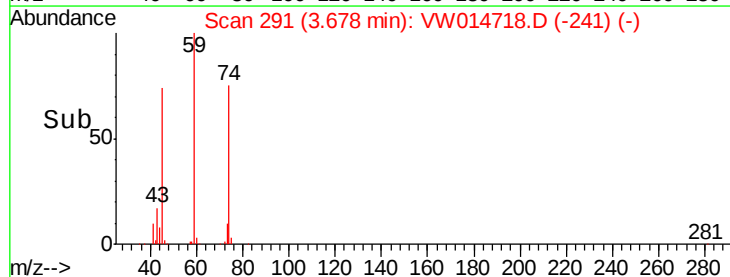
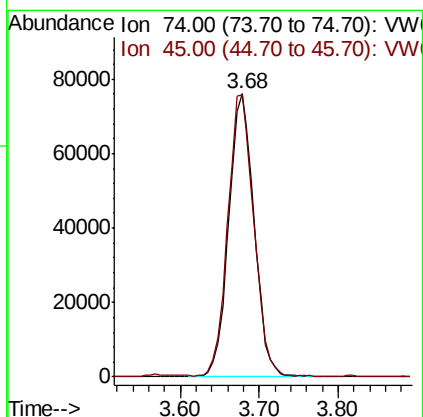
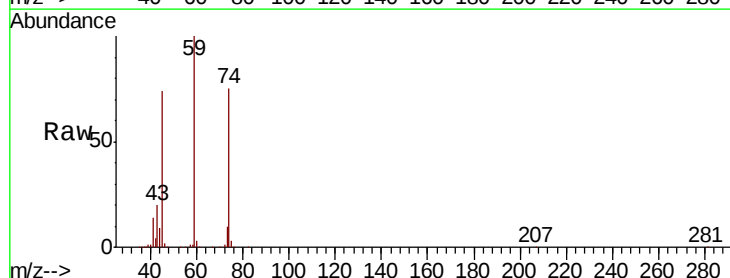
Tot Ion:101 Resp: 220575
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

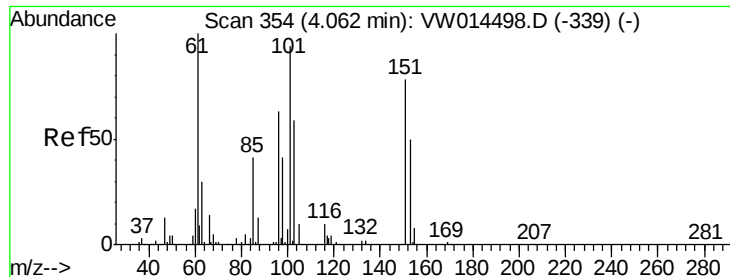


#8

Diethyl Ether
 Concen: 48.558 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion: 74 Resp: 170354
 Ion Ratio Lower Upper
 74 100
 45 101.6 48.6 145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.706 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

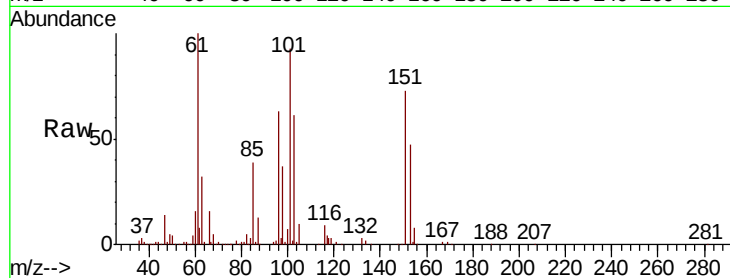
Tot Ion:101 Resp: 347238

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

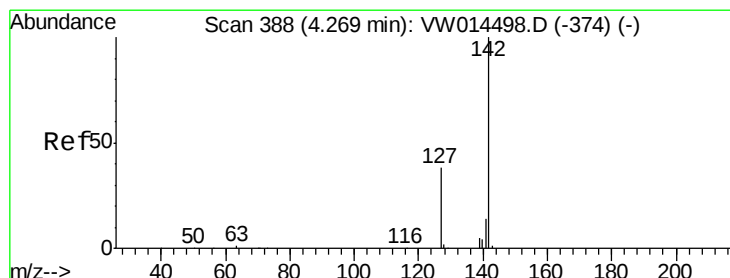
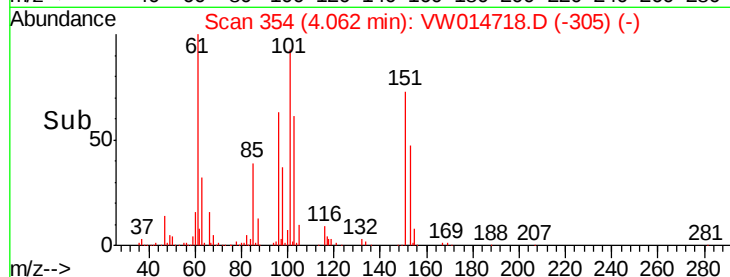
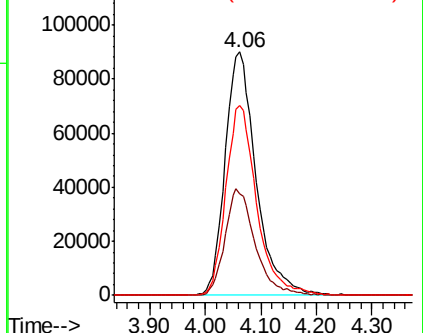
151 77.5 63.5 95.3



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: 48.878 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

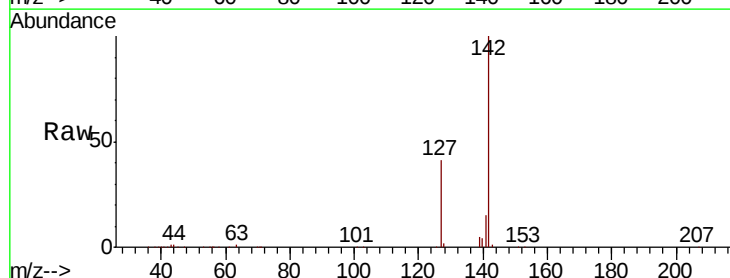
Tgt Ion:142 Resp: 485867

Ion Ratio Lower Upper

142 100

127 40.2 30.2 45.4

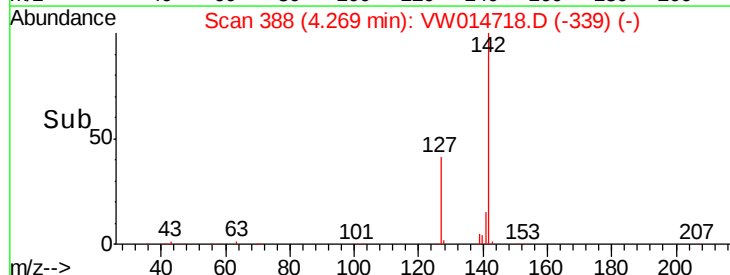
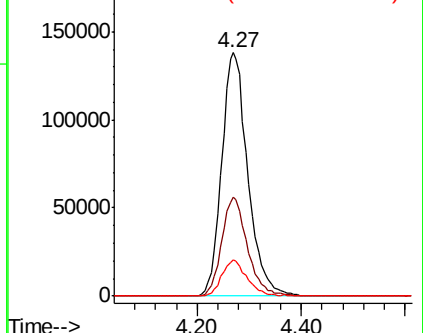
141 14.5 11.4 17.2

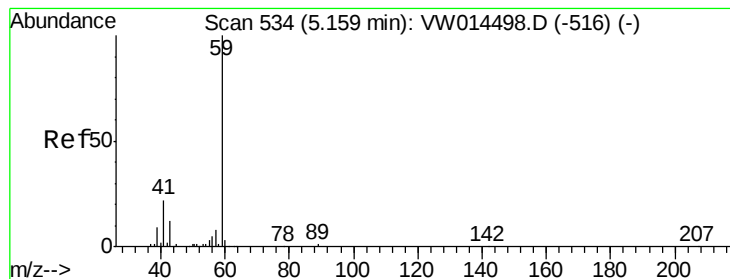


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



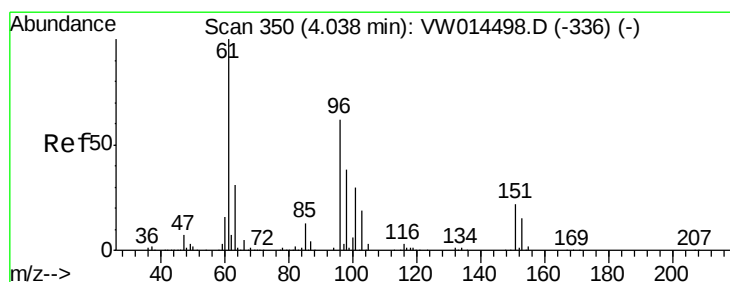
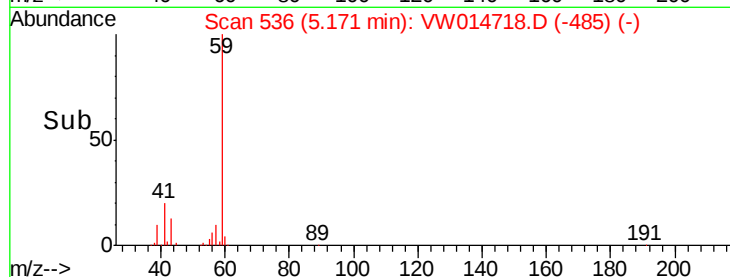
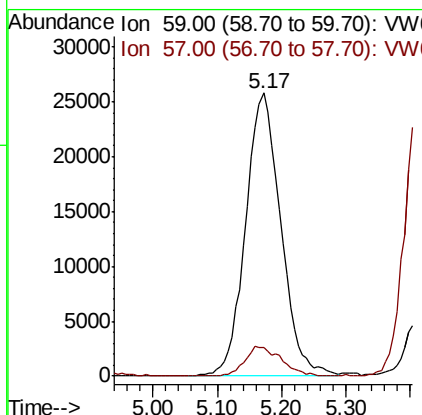
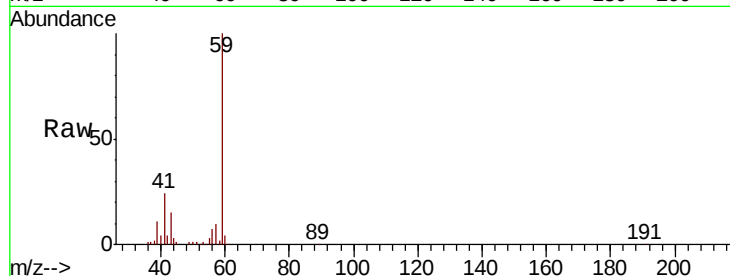


#11

Tert butyl alcohol
Concen: 203.996 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Instrument :
MSVOA_W
ClientSampled :

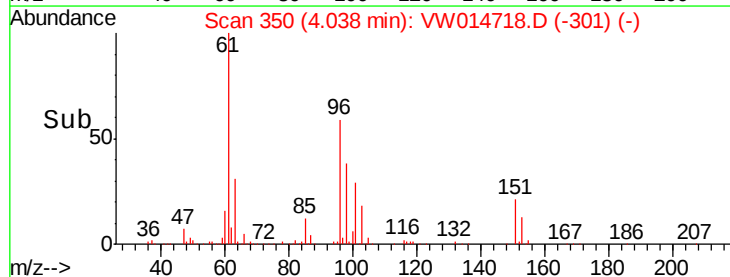
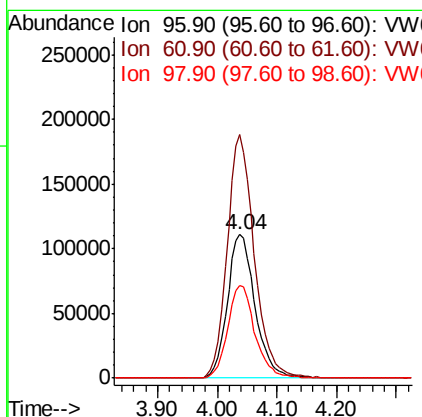
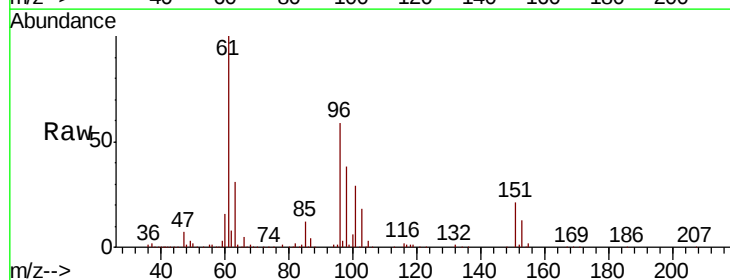
Tot Ion: 59 Resp: 97312
Ion Ratio Lower Upper
59 100
57 10.7 7.8 11.8

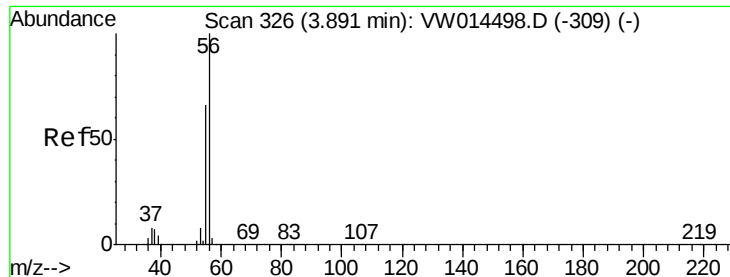


#12

1,1-Dichloroethene
Concen: 51.846 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 96 Resp: 357699
Ion Ratio Lower Upper
96 100
61 169.4 128.4 192.6
98 64.7 49.1 73.7





#13

Acrolein

Concen: 261.335 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

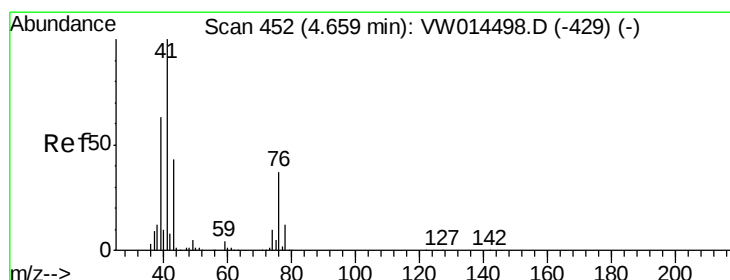
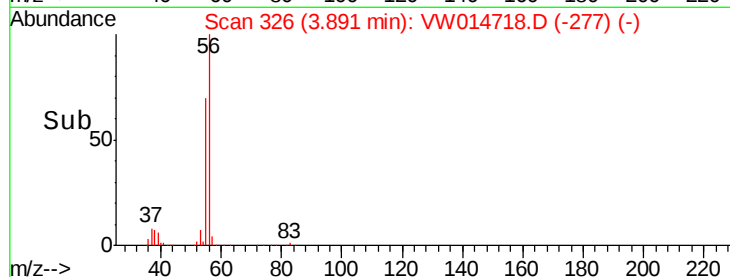
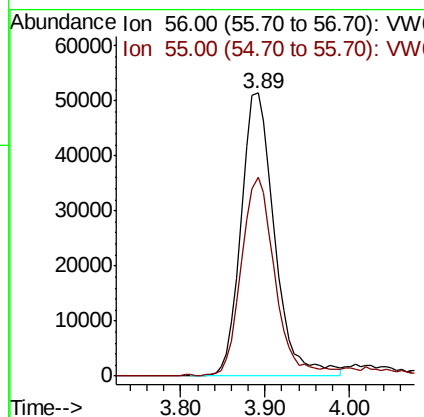
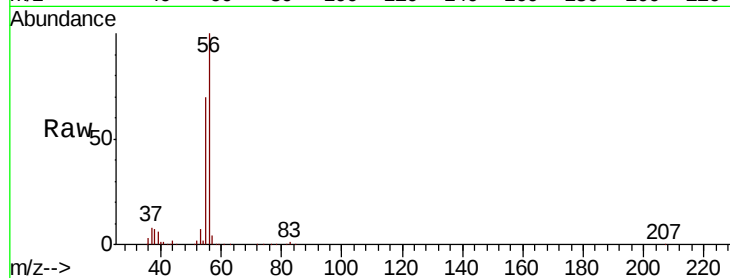
ClientSampleId :

Tot Ion: 56 Resp: 138259

Ion Ratio Lower Upper

56 100

55 69.5 56.7 85.1



#14

Allyl chloride

Concen: 55.371 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

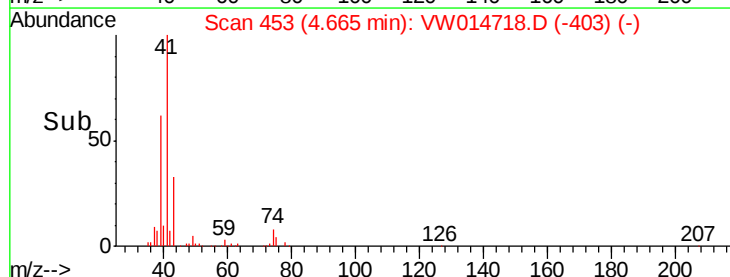
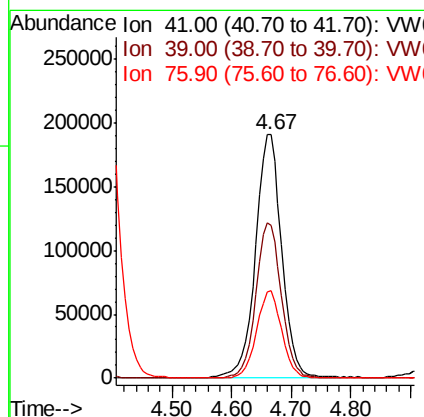
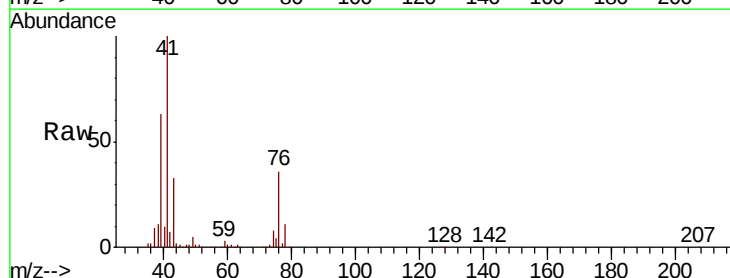
Tgt Ion: 41 Resp: 583782

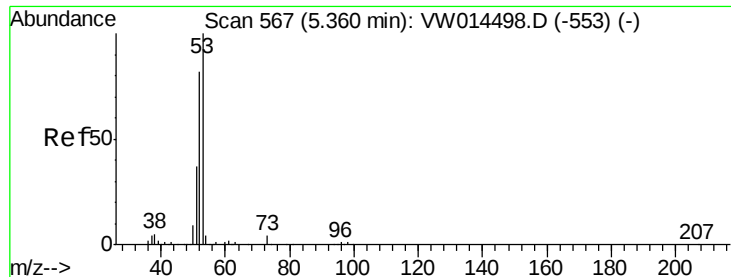
Ion Ratio Lower Upper

41 100

39 61.9 48.5 72.7

76 34.0 28.1 42.1





#15

Acrylonitrile

Concen: 236.232 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

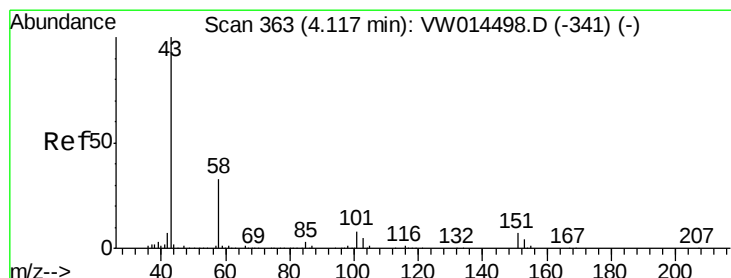
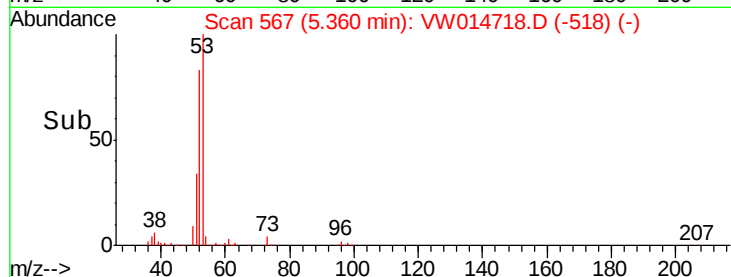
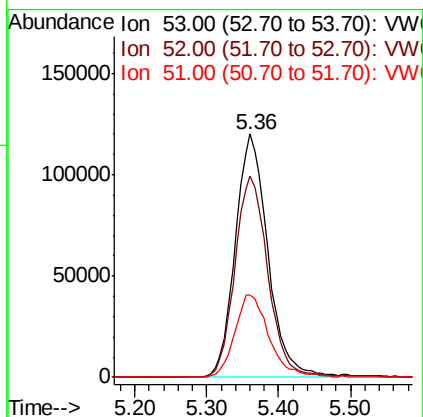
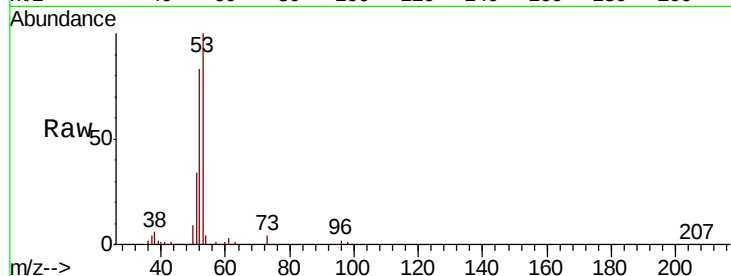
Tot Ion: 53 Resp: 378822

Ion Ratio Lower Upper

53 100

52 83.3 66.5 99.7

51 35.6 28.4 42.6



#16

Acetone

Concen: 251.253 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014718.D

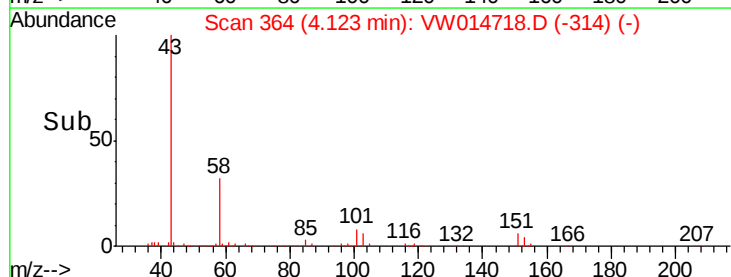
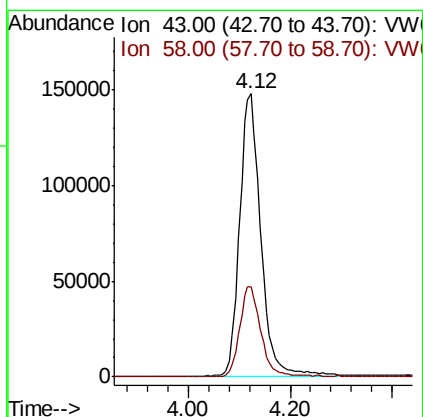
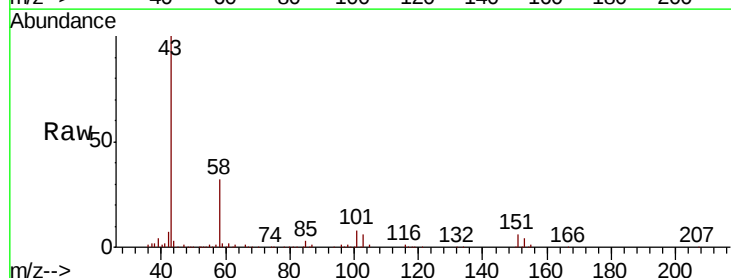
Acq: 23 Jan 2020 10:18

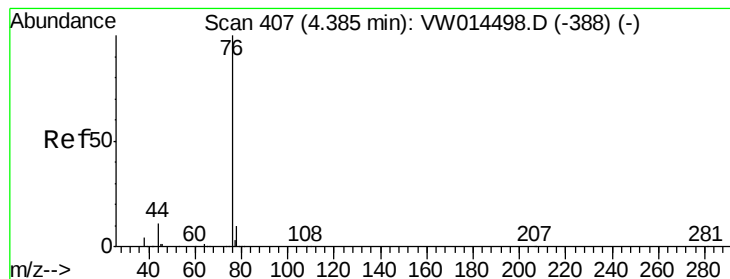
Tgt Ion: 43 Resp: 430034

Ion Ratio Lower Upper

43 100

58 31.7 26.6 39.8





#17

Carbon Disulfide

Concen: 50.465 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

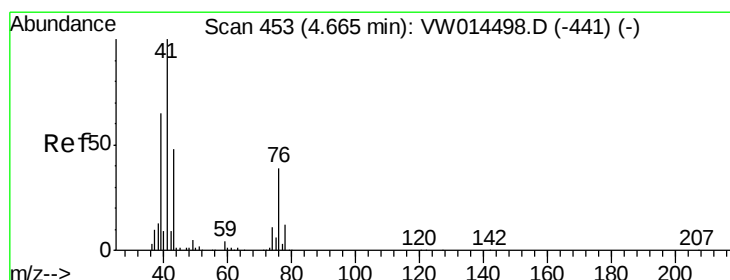
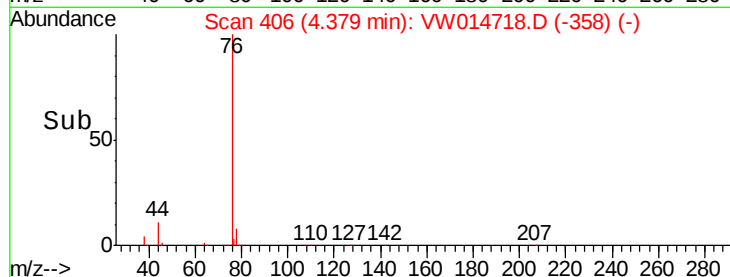
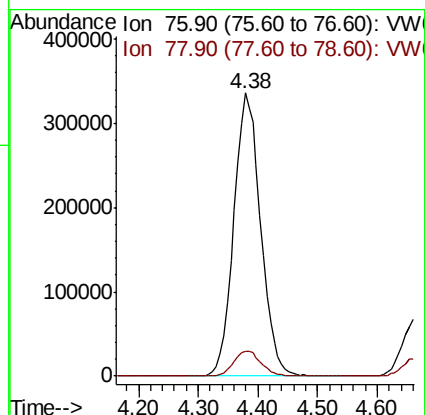
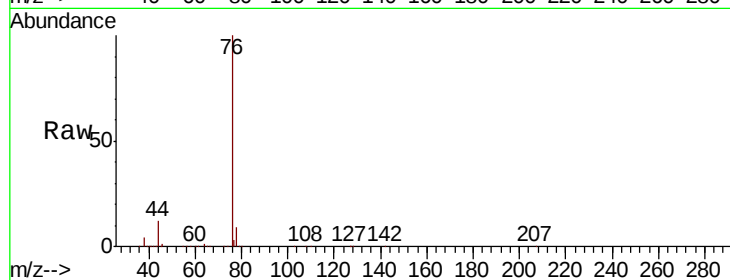
ClientSampled :

Tot Ion: 76 Resp: 1049370

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.6



#18

Methyl Acetate

Concen: 46.232 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014718.D

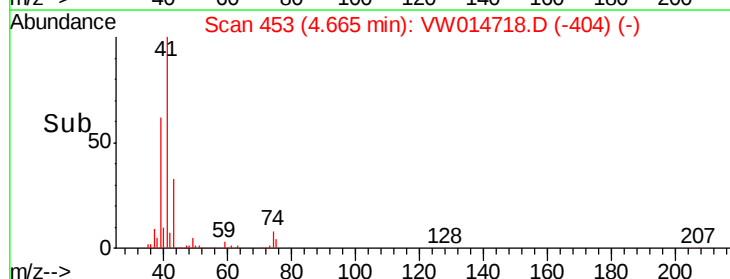
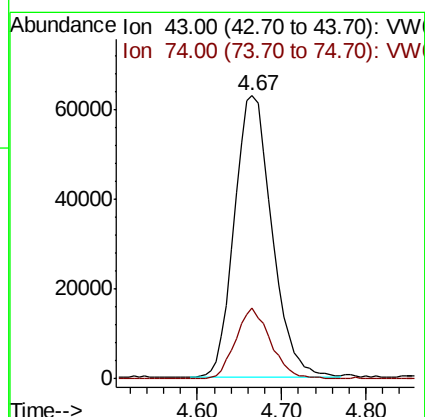
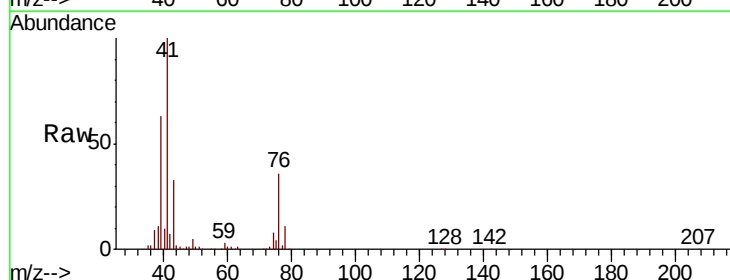
Acq: 23 Jan 2020 10:18

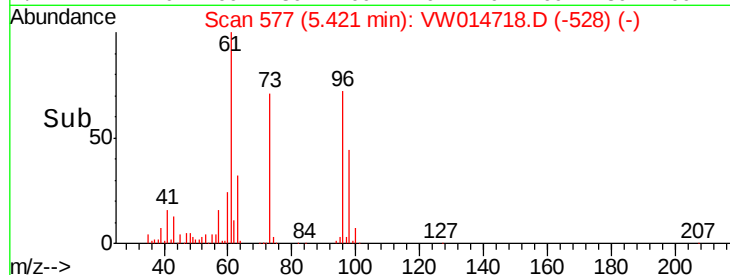
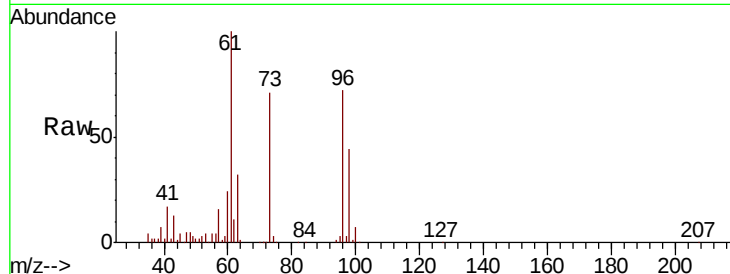
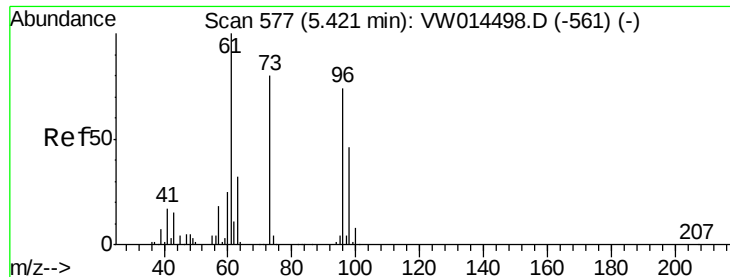
Tgt Ion: 43 Resp: 191106

Ion Ratio Lower Upper

43 100

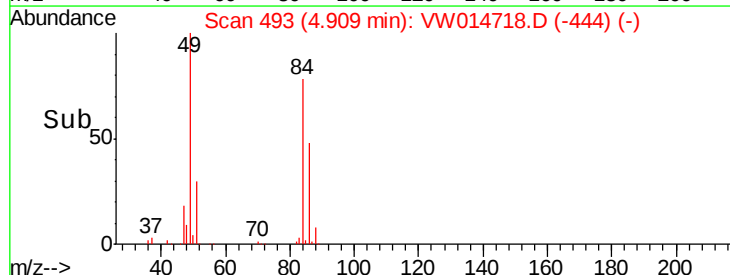
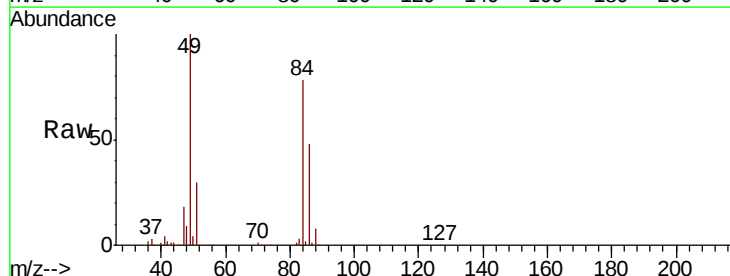
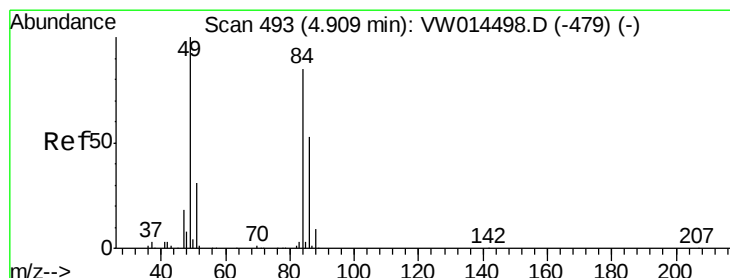
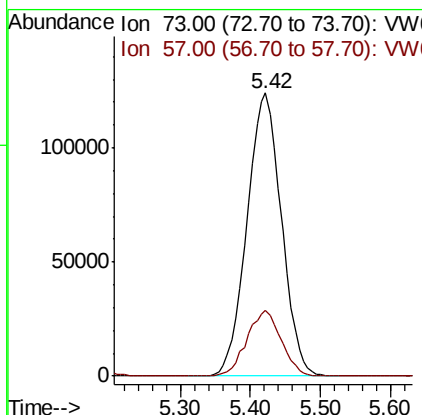
74 23.4 19.3 28.9





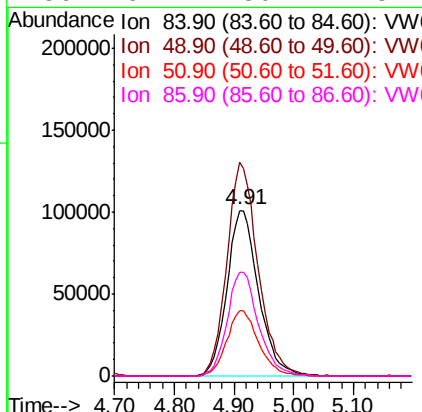
#19
Methvl tert-butvl Ether
Concen: 49.564 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

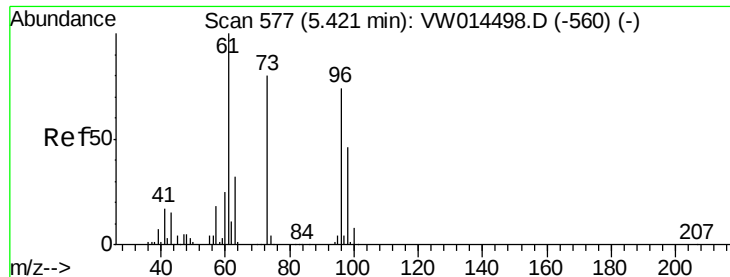
Tot Ion: 73 Resp: 424472
Ion Ratio Lower Upper
73 100
57 23.1 18.1 27.1



#20
Methylene Chloride
Concen: 53.997 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 84 Resp: 371310
Ion Ratio Lower Upper
84 100
49 129.0 94.4 141.6
51 39.0 29.5 44.3
86 62.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 51.732 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

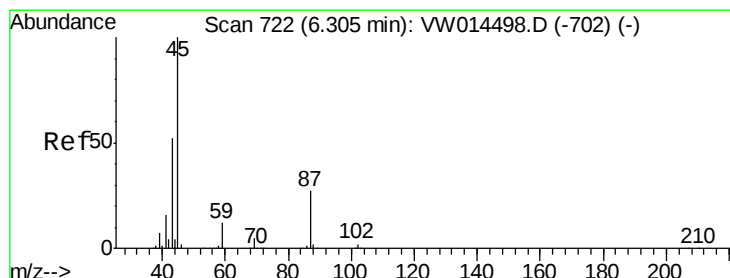
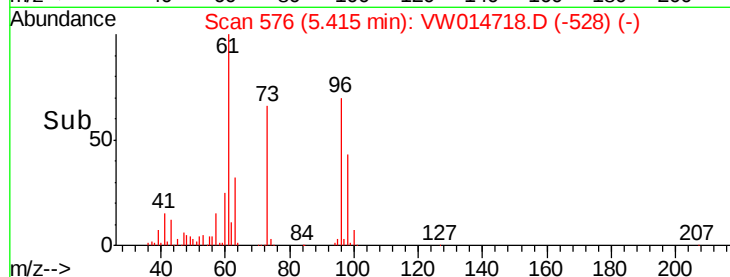
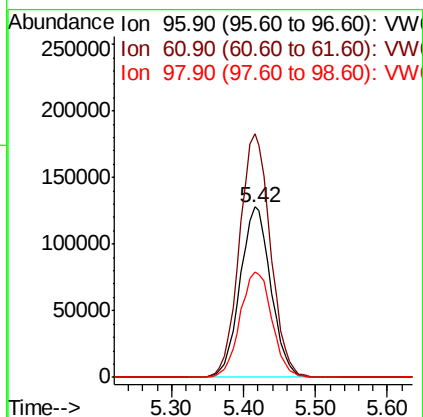
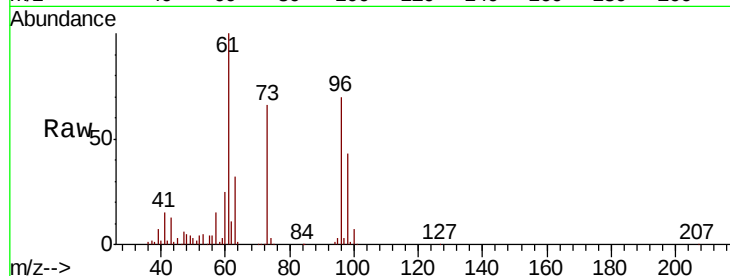
Tot Ion: 96 Resp: 378971

Ion Ratio Lower Upper

96 100

61 143.2 107.8 161.6

98 62.0 49.4 74.0



#22

Diisopropyl ether

Concen: 53.948 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Tgt Ion: 45 Resp: 1064606

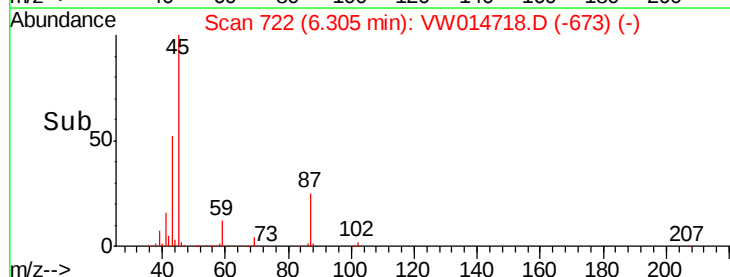
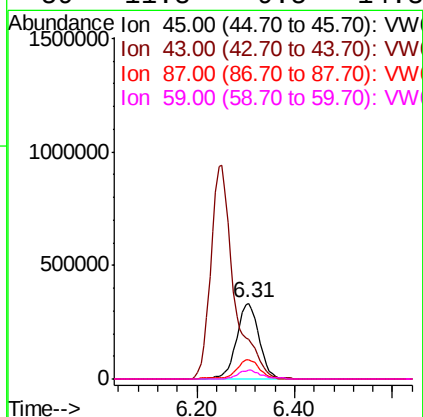
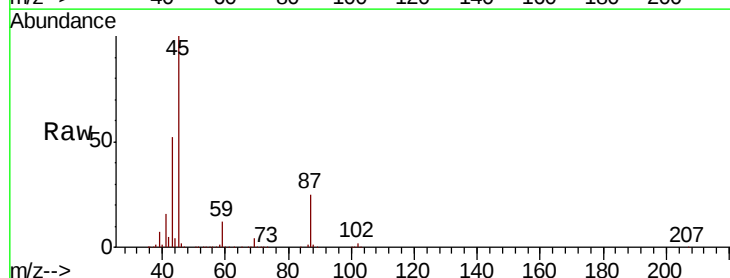
Ion Ratio Lower Upper

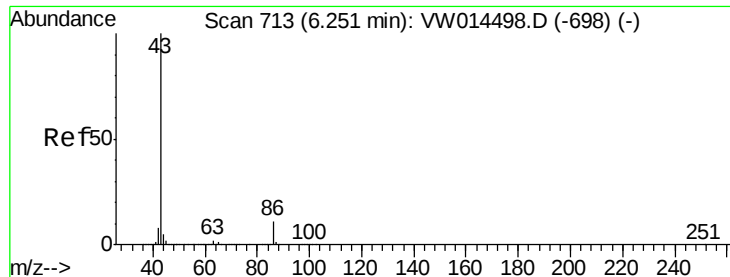
45 100

43 51.4 41.4 62.0

87 25.4 22.2 33.2

59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 259.221 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

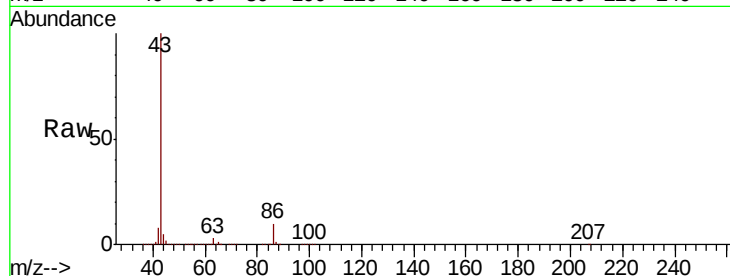
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 3088997

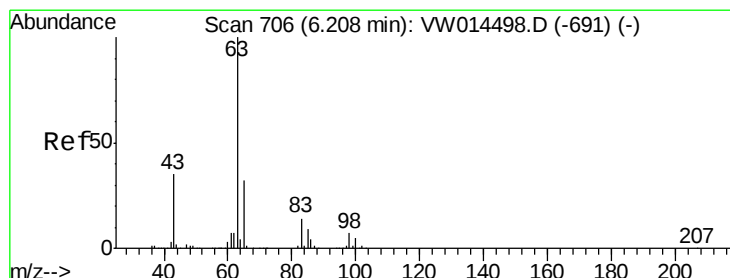
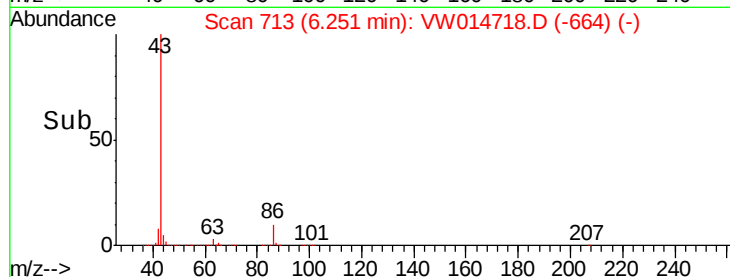
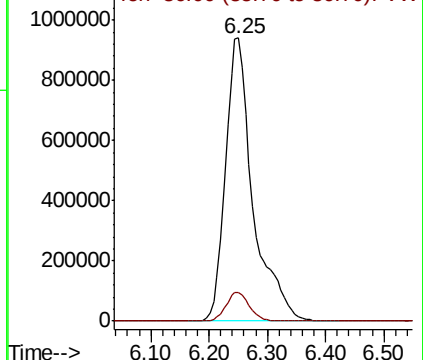
Ion Ratio Lower Upper

43 100

86 10.1 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.638 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

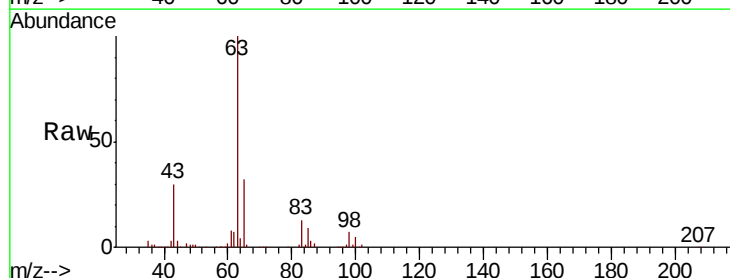
Tgt Ion: 63 Resp: 680131

Ion Ratio Lower Upper

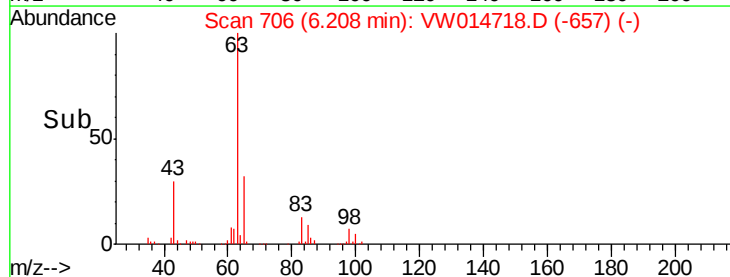
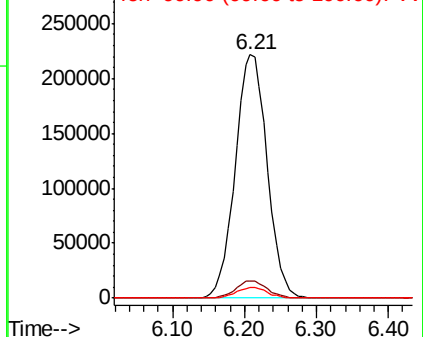
63 100

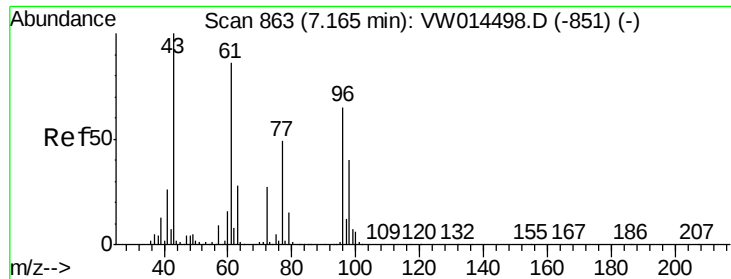
98 6.9 3.5 10.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW
Ion 97.90 (97.60 to 98.60): VW
Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 237.757 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

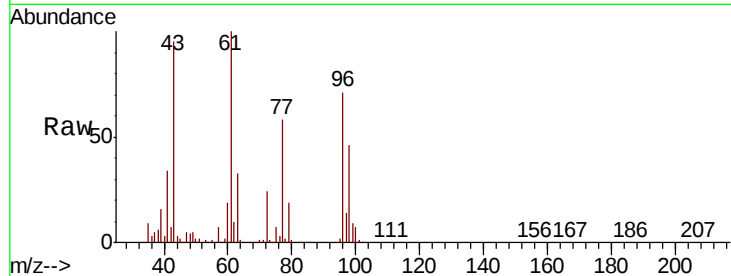
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 522231

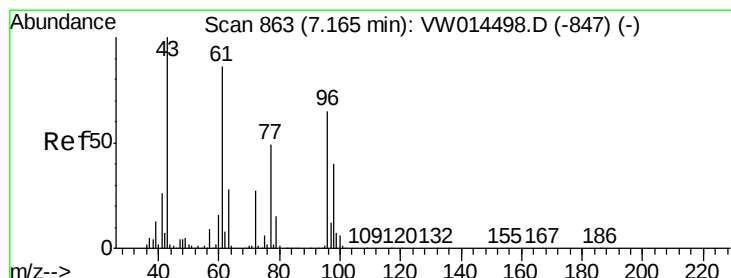
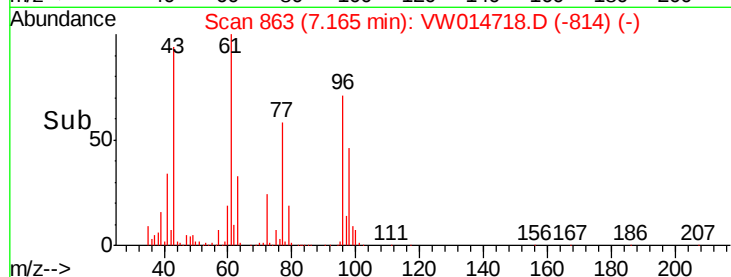
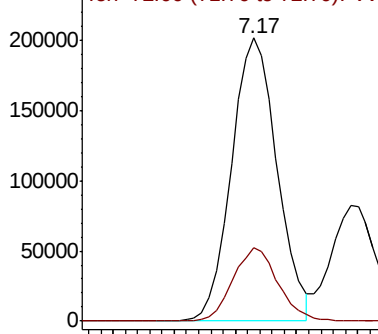
Ion Ratio Lower Upper

43 100

72 25.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 53.211 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014718.D

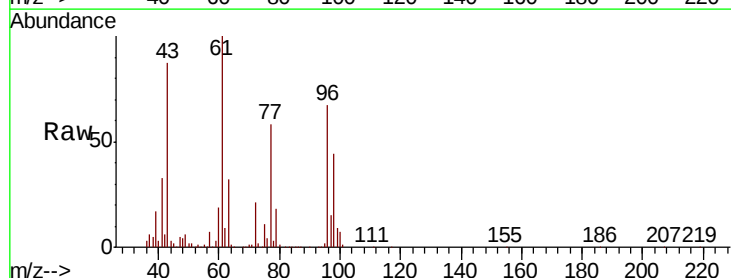
Acq: 23 Jan 2020 10:18

Tgt Ion: 77 Resp: 366715

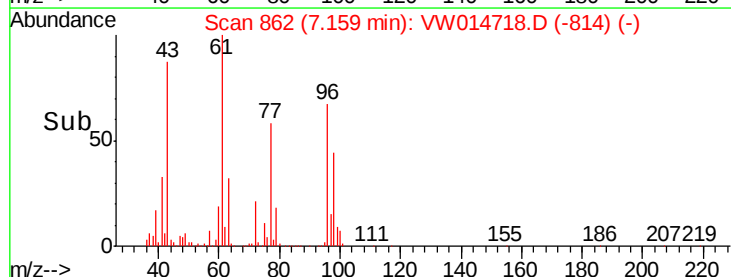
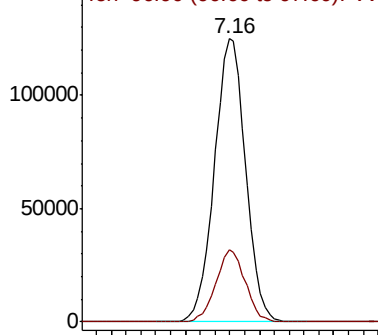
Ion Ratio Lower Upper

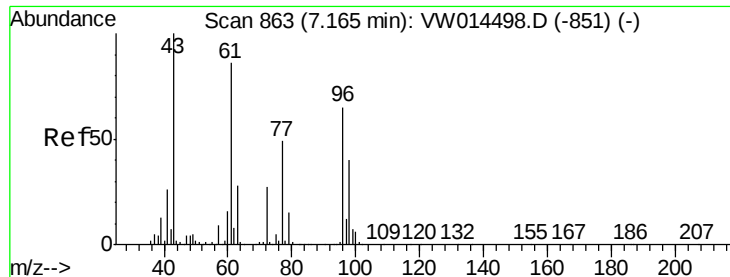
77 100

97 24.0 12.5 37.5



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW



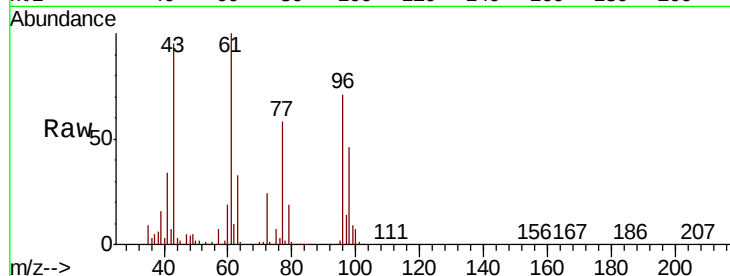


#27

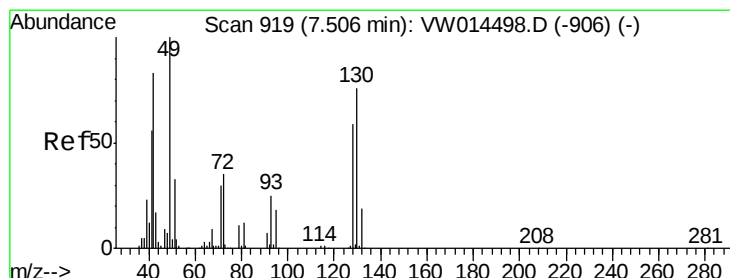
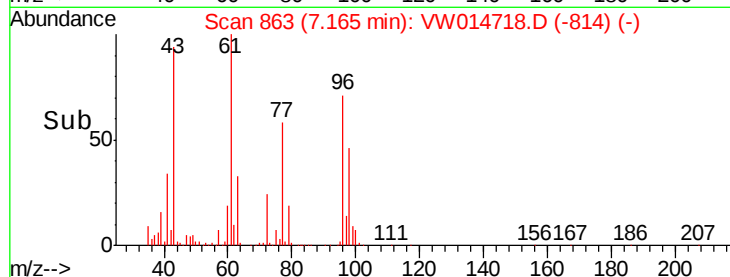
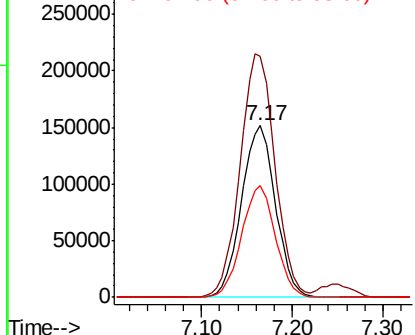
cis-1,2-Dichloroethene
Concen: 51.266 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion	96	Resp	394627
Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	274.8
98	64.4	0.0	128.6



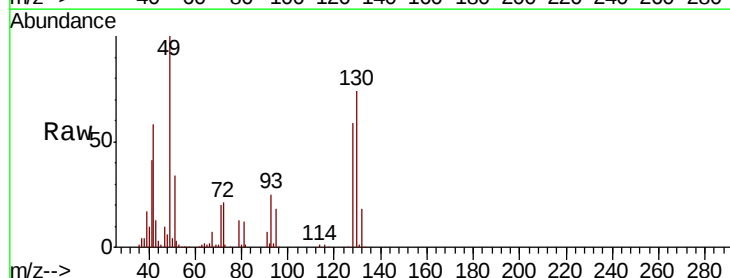
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



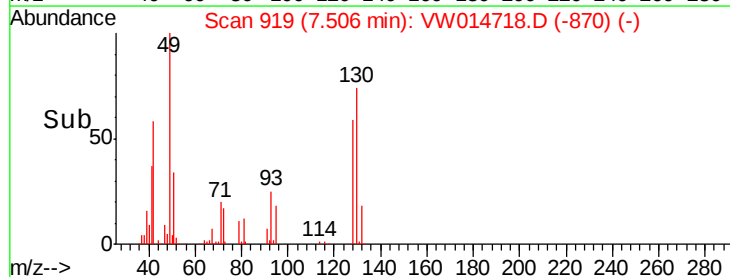
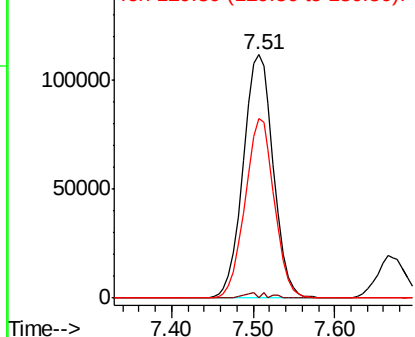
#28

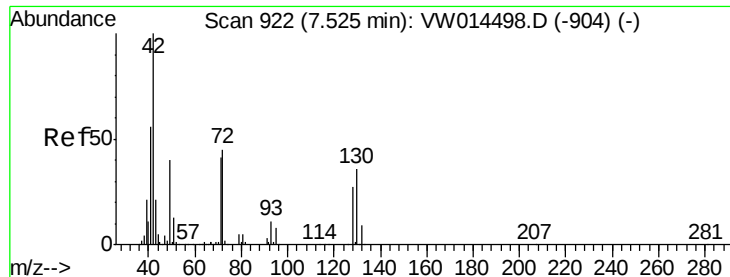
Bromochloromethane
Concen: 58.739 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion	49	Resp	286656
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.0
130	71.8	62.5	93.7



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

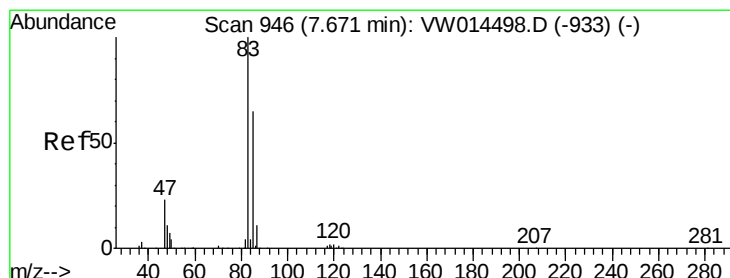
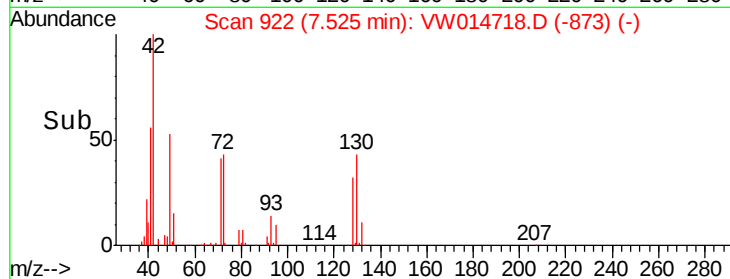
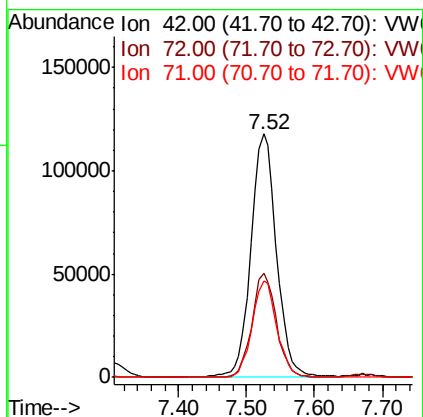
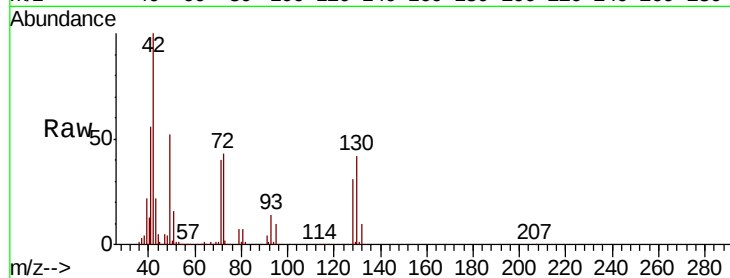




#29
Tetrahydrofuran
Concen: 227.176 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

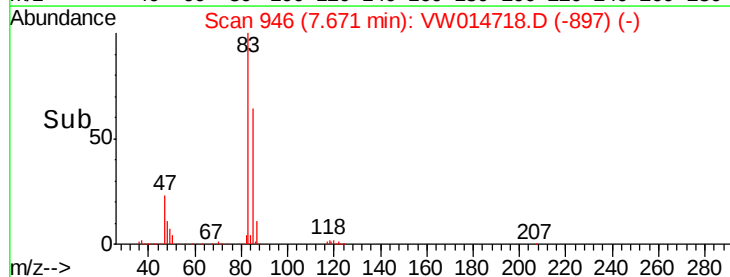
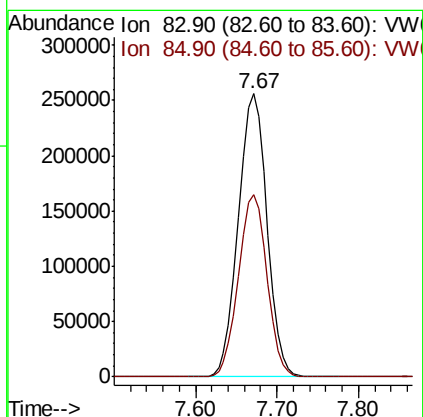
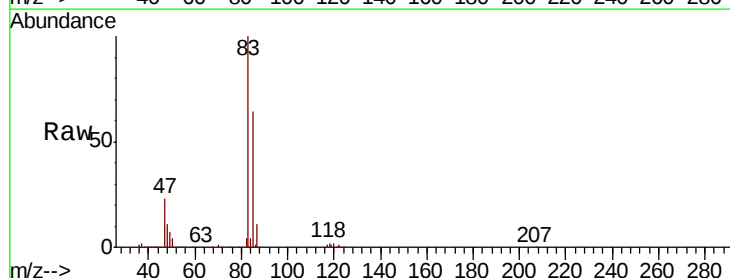
Instrument :
MSVOA_W
ClientSampleId :

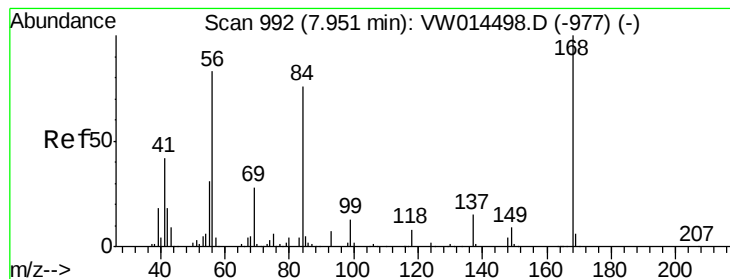
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.5	51.7
71	38.4	32.0	48.0



#30
Chloroform
Concen: 53.739 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.2	78.2





#31

Cyclohexane

Concen: 50.556 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

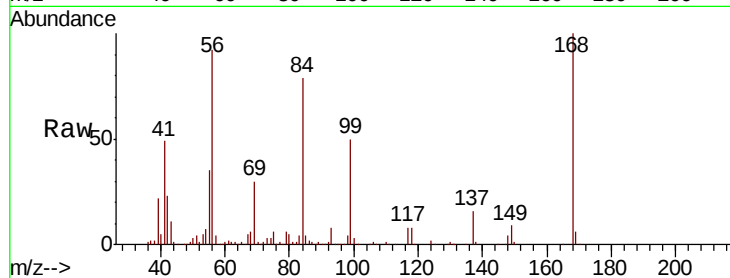
Tot Ion: 56 Resp: 654017

Ion Ratio Lower Upper

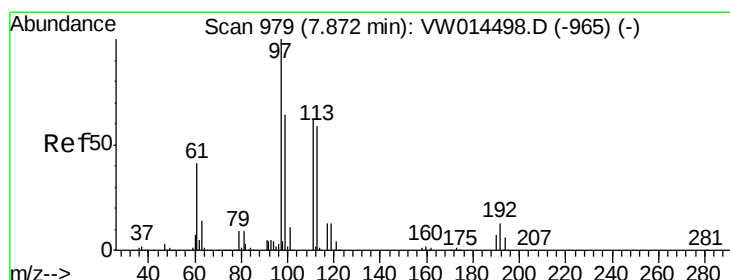
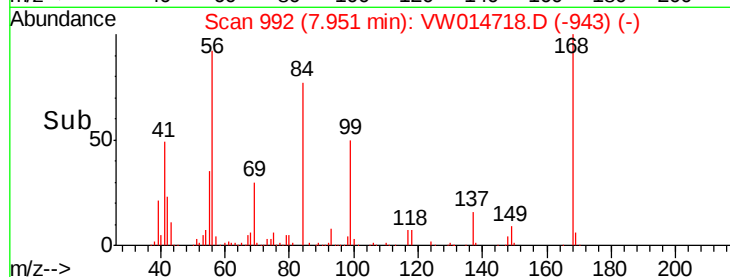
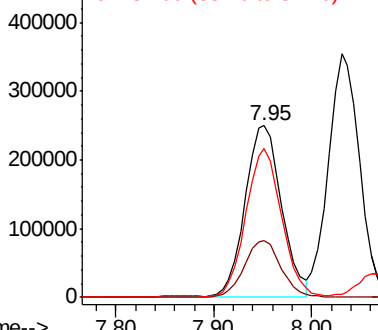
56 100

69 33.0 26.8 40.2

84 86.0 71.8 107.6



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



#32

1,1,1-Trichloroethane

Concen: 54.284 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

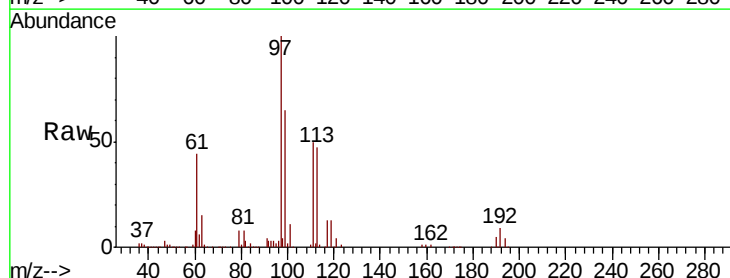
Tgt Ion: 97 Resp: 508202

Ion Ratio Lower Upper

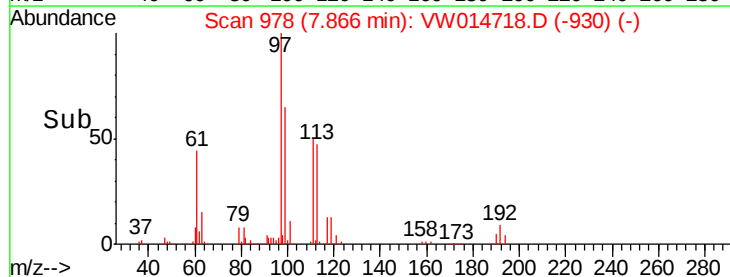
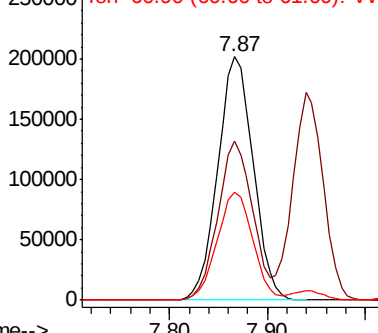
97 100

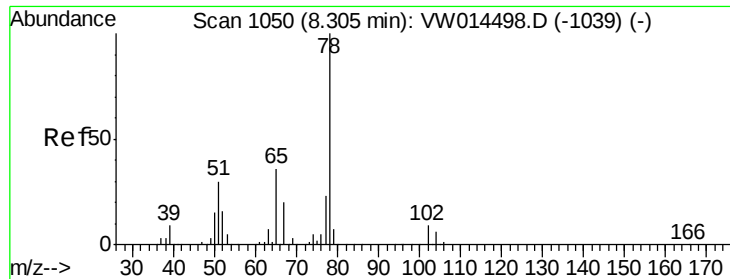
99 63.9 51.8 77.6

61 44.7 33.8 50.8



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

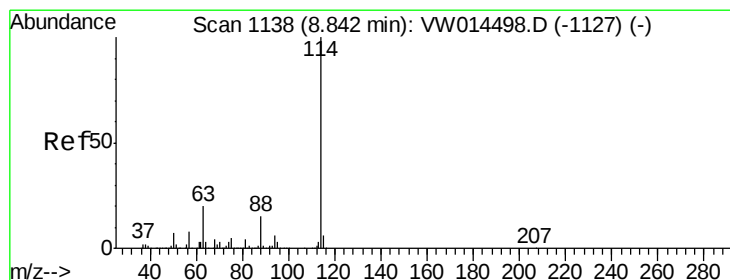
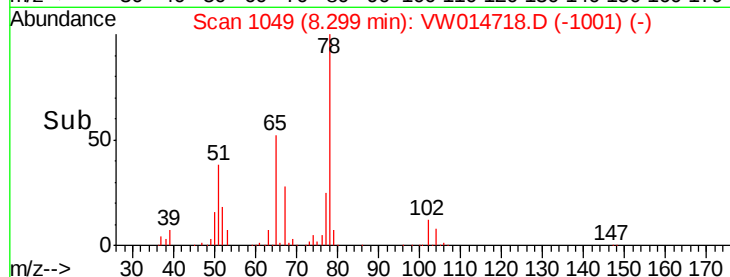
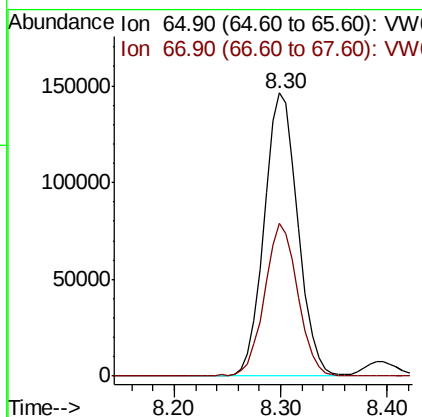
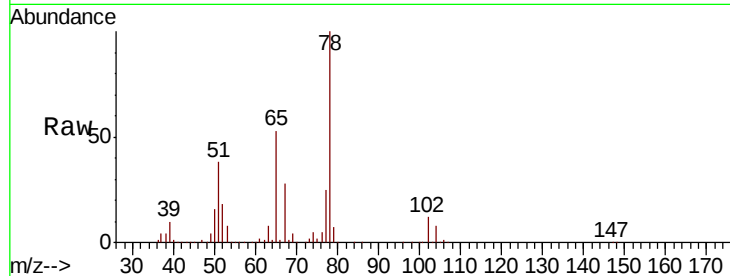




#33
 1,2-Dichloroethane-d4
 Concen: 53.137 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

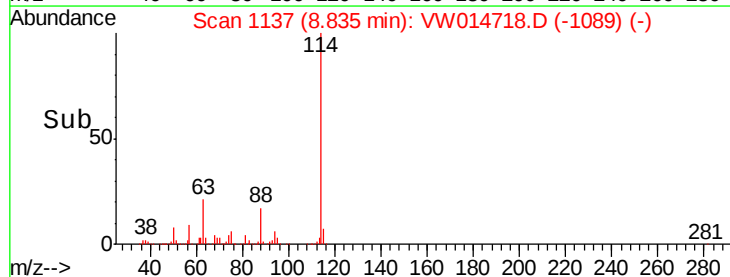
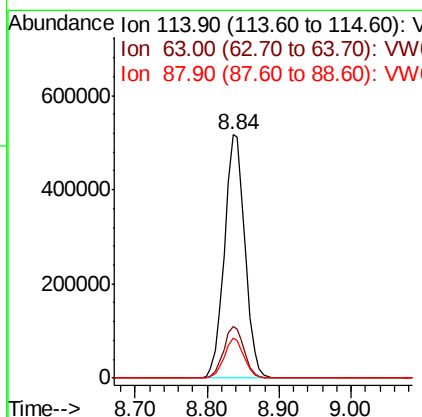
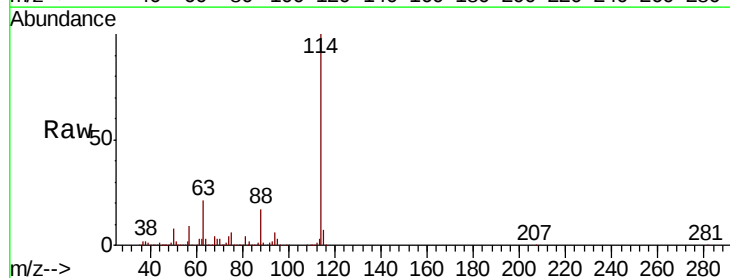
Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 65 Resp: 322090
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion: 114 Resp: 1024669
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.4
 88 16.6 0.0 30.6

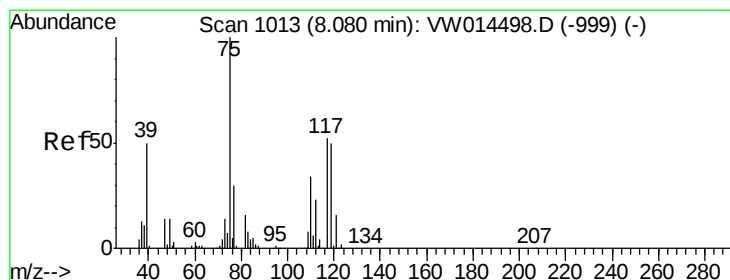
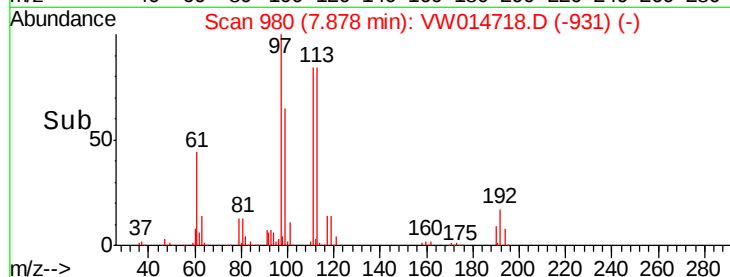
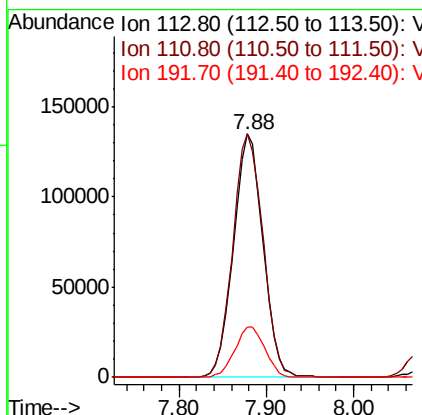
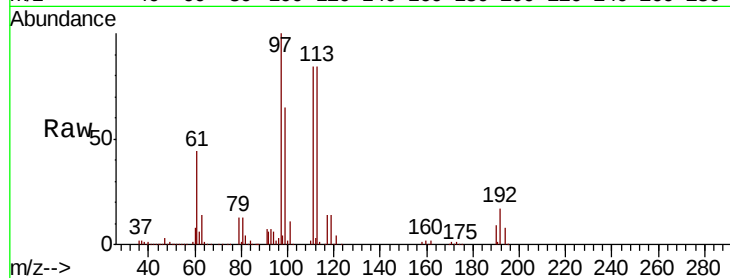




#35
 Dibromofluoromethane
 Concen: 54.042 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

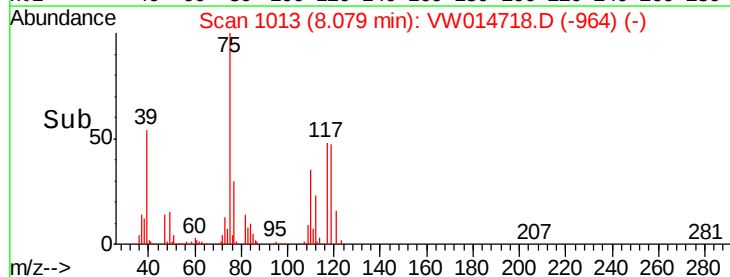
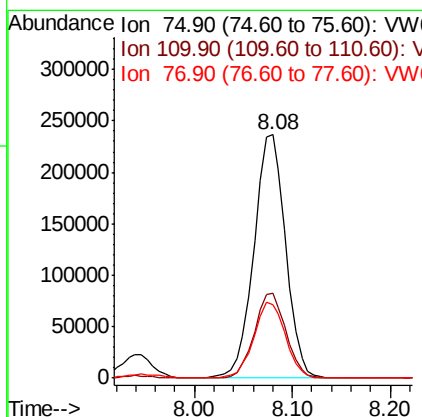
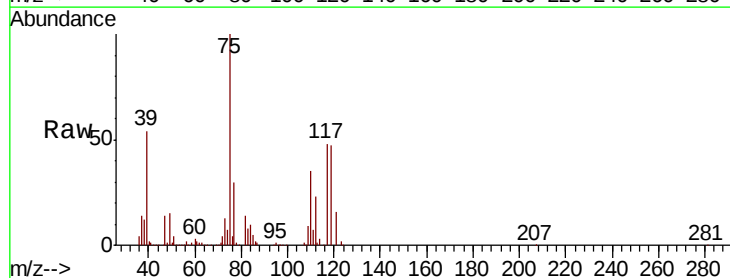
Instrument :
 MSVOA_W
 ClientSampleId :

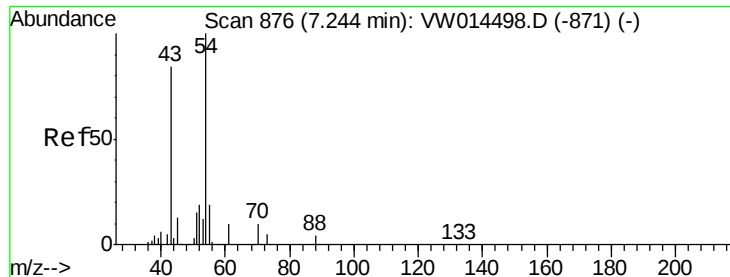
Tot Ion:113 Resp: 316480
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.4 122.2
 192 21.1 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 54.058 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion: 75 Resp: 533998
 Ion Ratio Lower Upper
 75 100
 110 34.7 17.8 53.5
 77 31.4 24.7 37.1

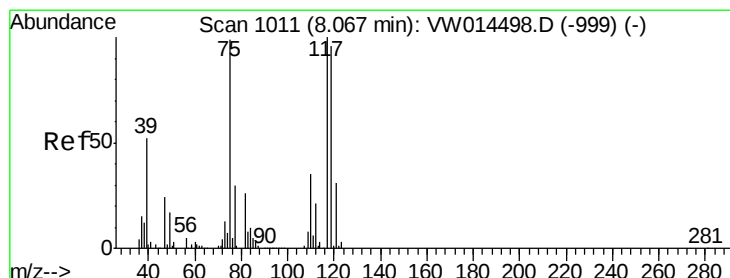
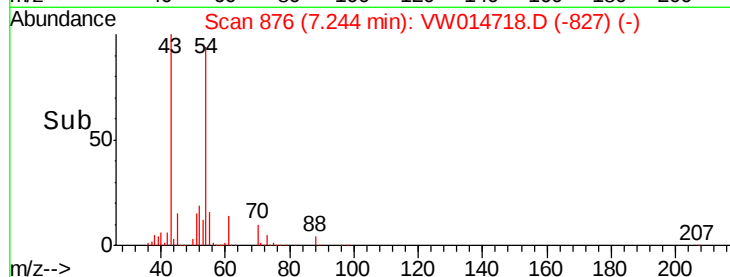
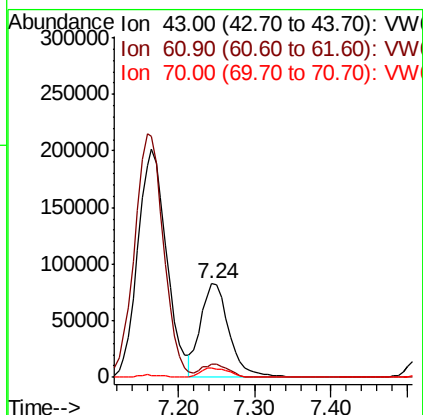
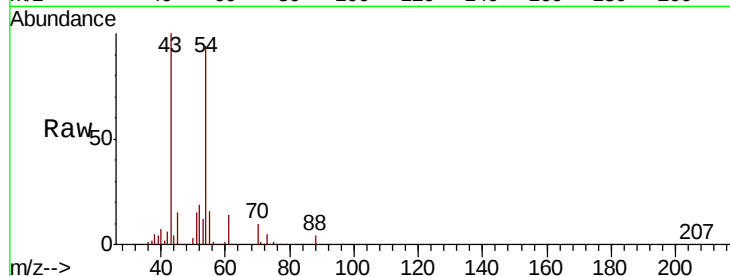




#37
Ethyl Acetate
Concen: 47.703 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

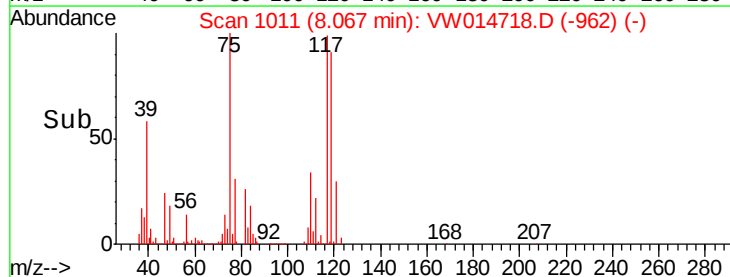
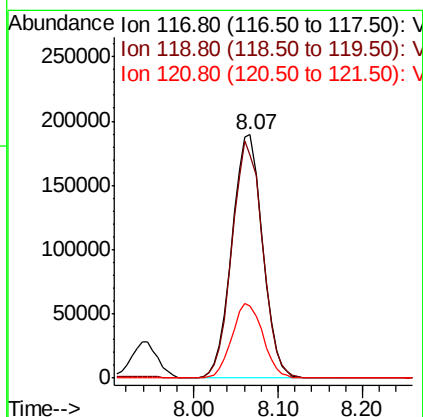
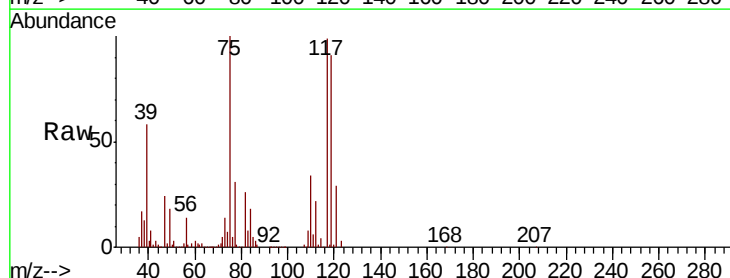
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 213715
Ion Ratio Lower Upper
43 100
61 13.3 11.7 17.5
70 10.2 9.0 13.6



#38
Carbon Tetrachloride
Concen: 54.372 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 117 Resp: 465971
Ion Ratio Lower Upper
117 100
119 91.6 77.0 115.6
121 29.8 24.6 36.8

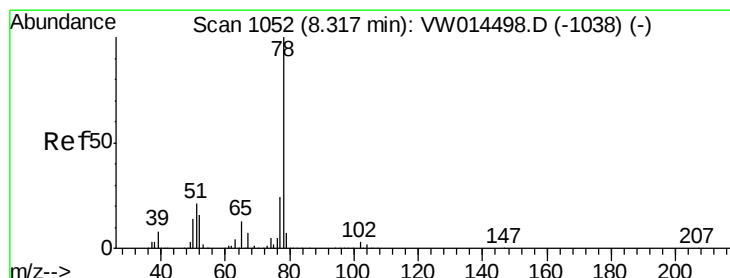
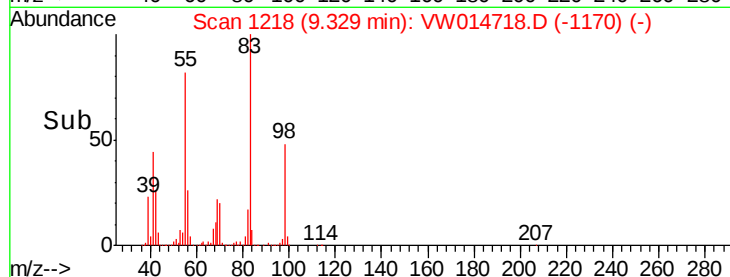
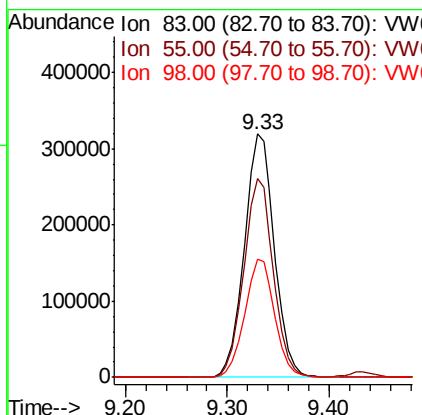
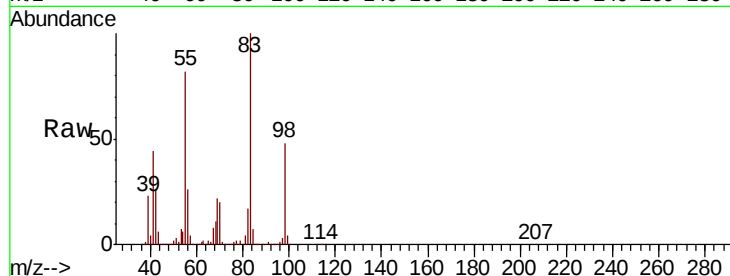




#39
Methvlcvclohexane
Concen: 51.498 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

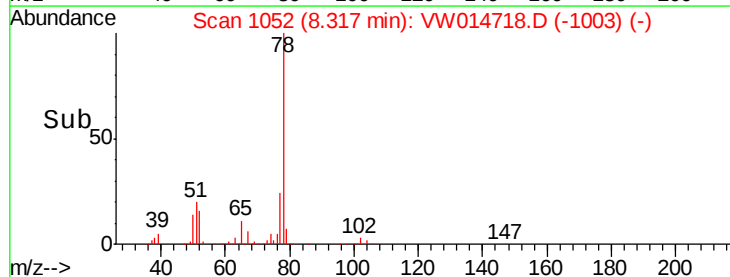
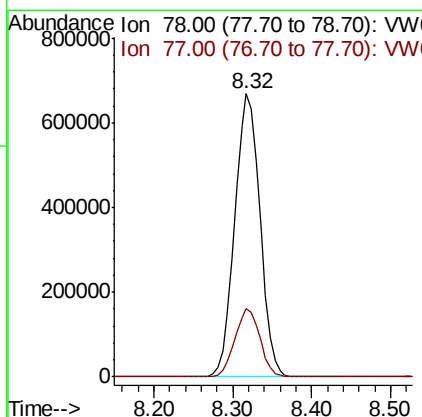
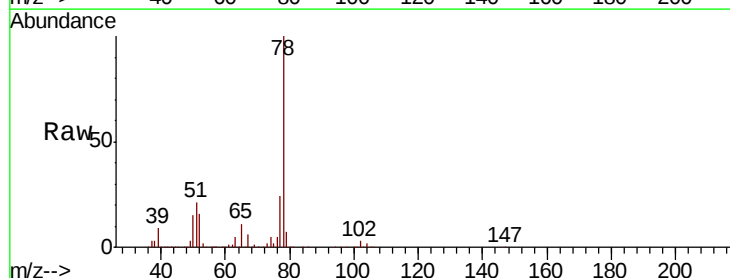
Instrument :
MSVOA_W
ClientSampled :

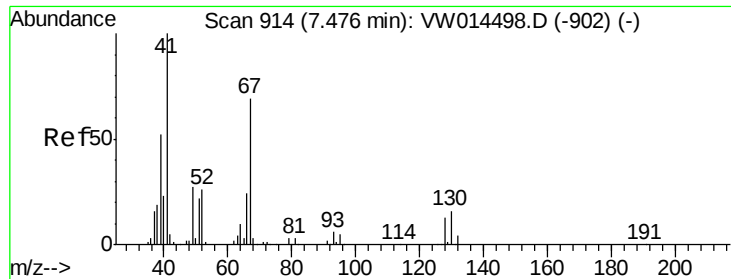
Tot Ion: 83 Resp: 652829
Ion Ratio Lower Upper
83 100
55 81.6 60.1 90.1
98 48.4 38.8 58.2



#40
Benzene
Concen: 53.254 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 78 Resp: 1488405
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

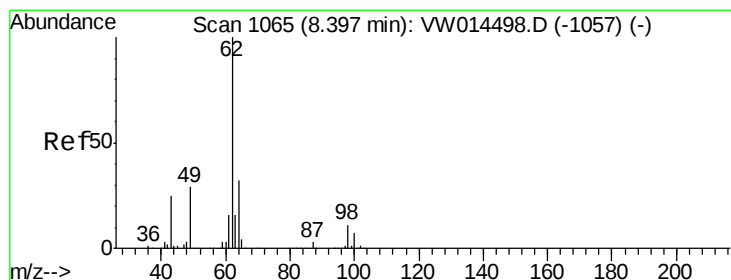
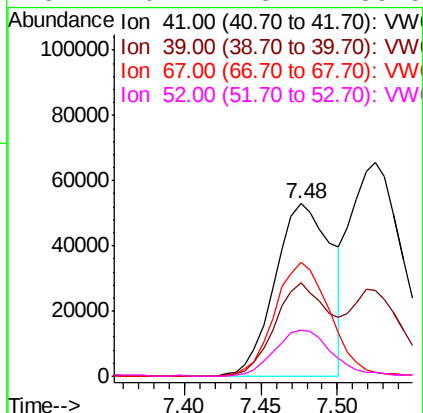
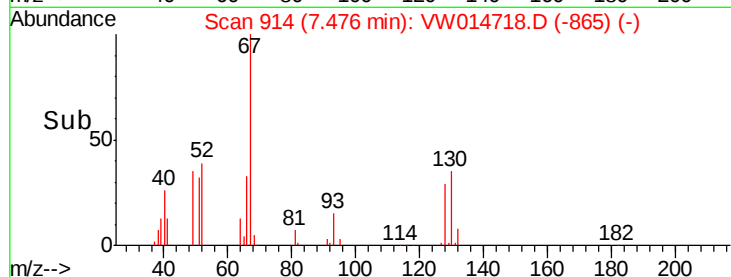
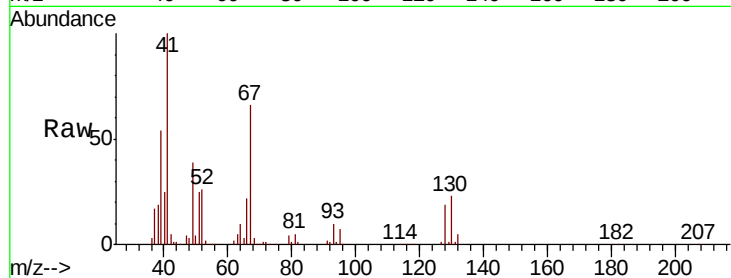




#41
Methacrylonitrile
Concen: 54.611 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

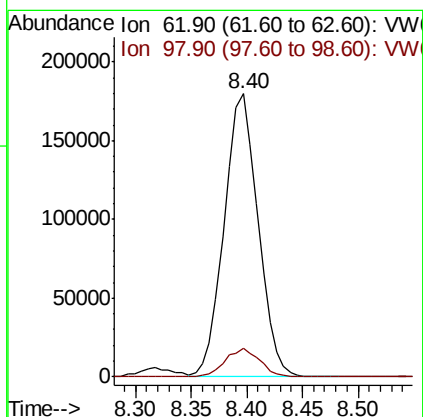
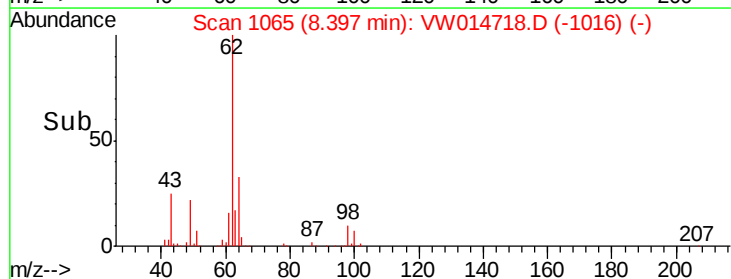
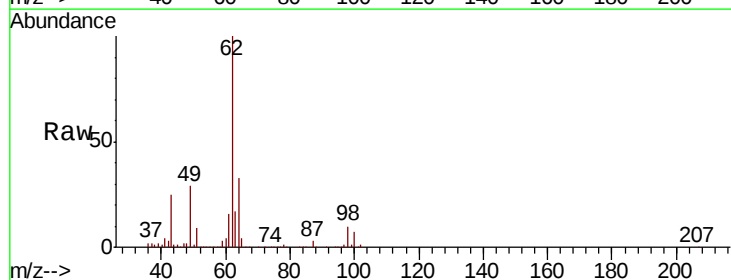
Instrument :
MSVOA_W
ClientSampled :

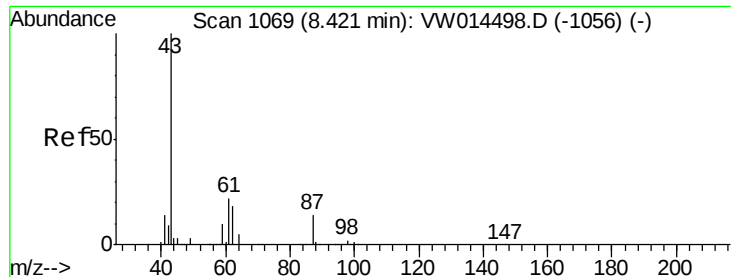
Tot Ion:	41	Resp:	136383
Ion	Ratio	Lower	Upper
41	100		
39	51.4	46.0	69.0
67	65.0	60.8	91.2
52	26.7	23.7	35.5



#42
1,2-Dichloroethane
Concen: 52.370 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion:	62	Resp:	379842
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 48.128 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

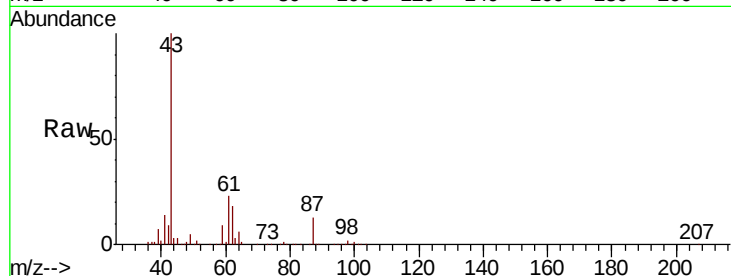
Tot Ion: 43 Resp: 391542

Ion Ratio Lower Upper

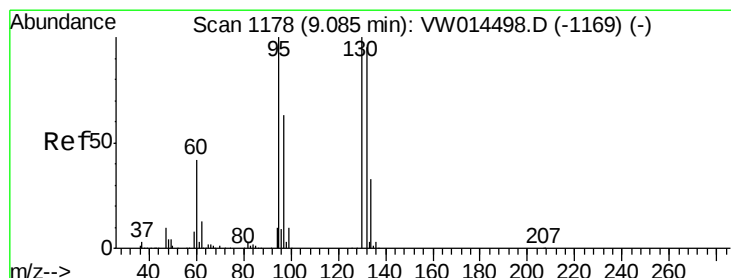
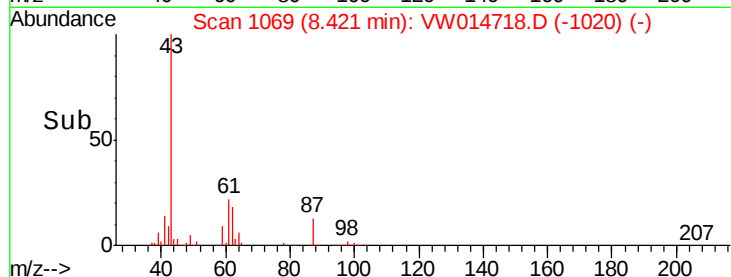
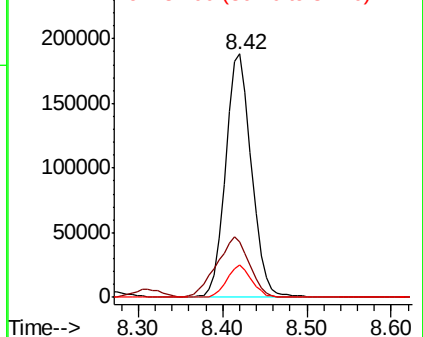
43 100

61 31.6 24.7 37.1

87 12.6 11.1 16.7



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



#44

Trichloroethene

Concen: 51.641 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014718.D

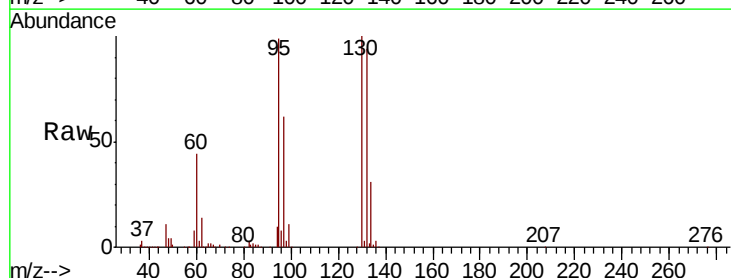
Acq: 23 Jan 2020 10:18

Tgt Ion:130 Resp: 390550

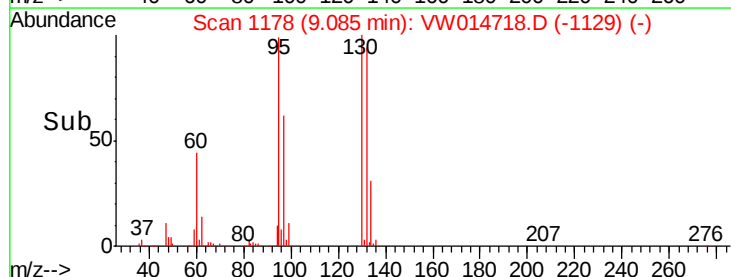
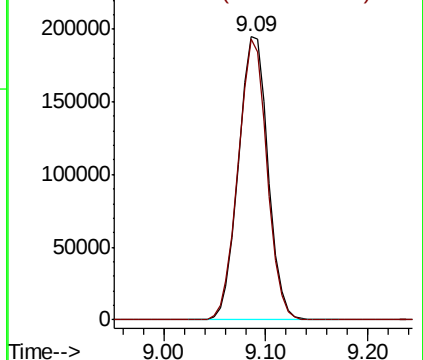
Ion Ratio Lower Upper

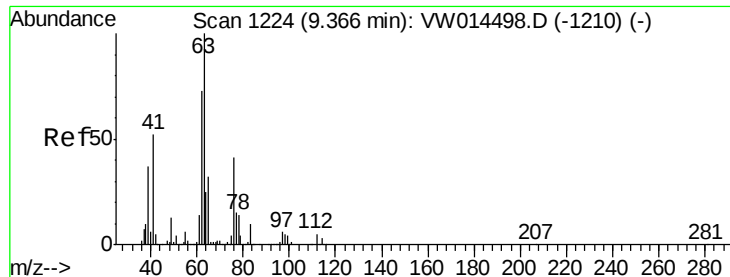
130 100

95 99.4 0.0 199.4



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

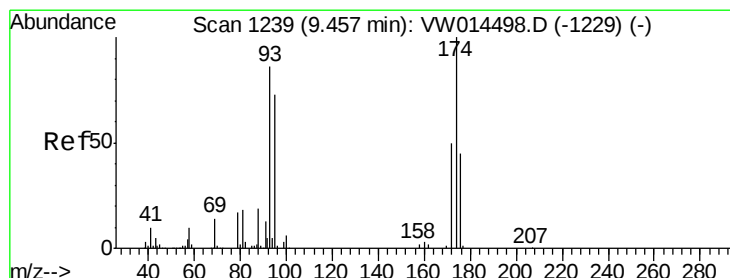
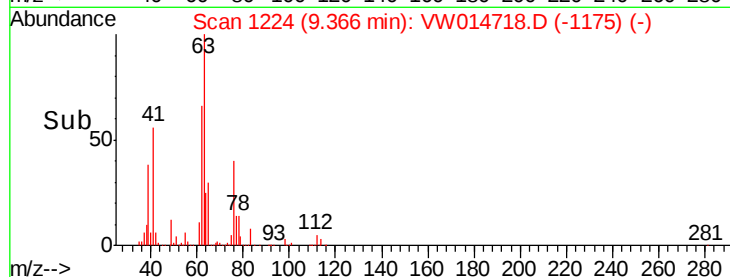
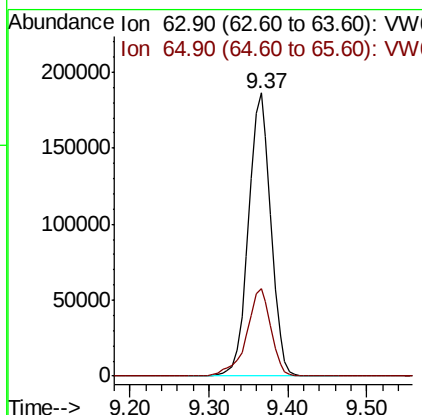
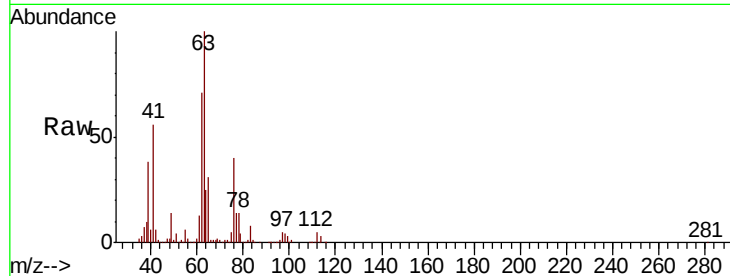




#45
 1,2-Dichloropropane
 Concen: 53.364 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

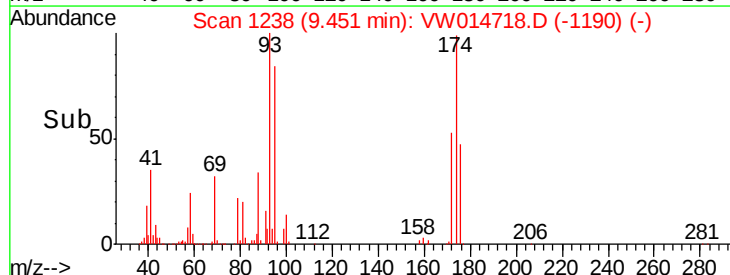
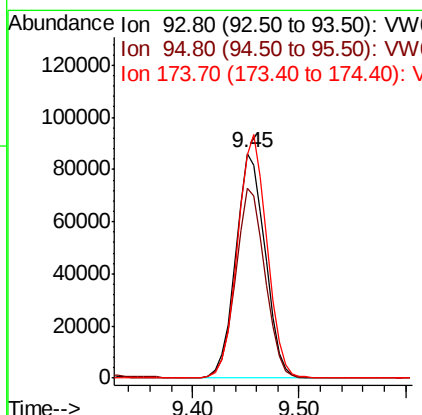
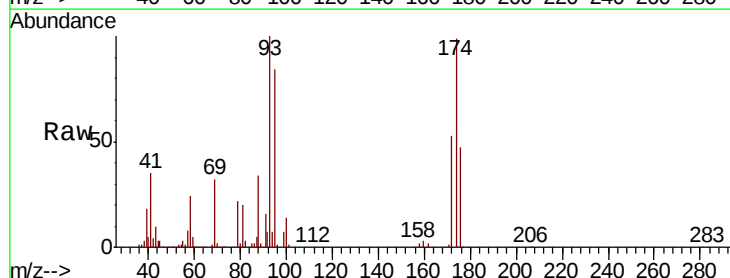
Instrument :
 MSVOA_W
 ClientSampleId :

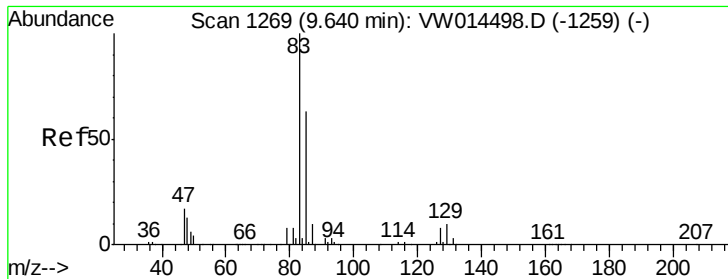
Tot Ion: 63 Resp: 365993
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.6 38.4



#46
 Dibromomethane
 Concen: 49.732 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion: 93 Resp: 168384
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.4 99.6
 174 107.6 89.1 133.7





#47

Bromodichloromethane

Concen: 53.531 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

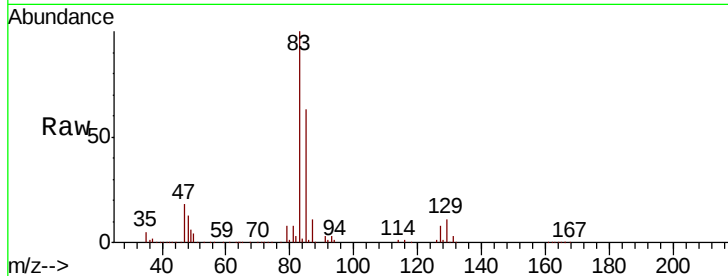
Tot Ion: 83 Resp: 447474

Ion Ratio Lower Upper

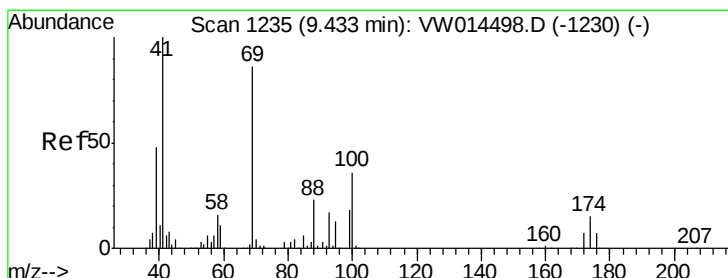
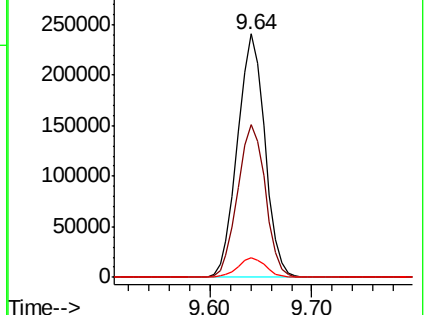
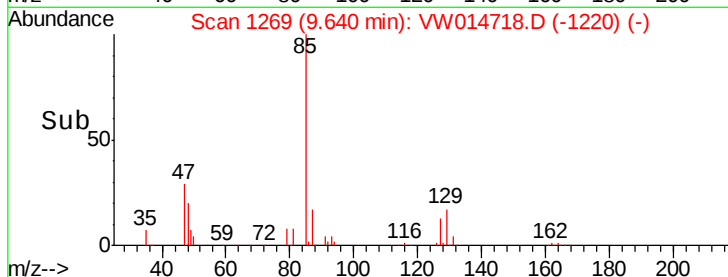
83 100

85 62.9 50.6 76.0

127 8.1 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 45.188 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

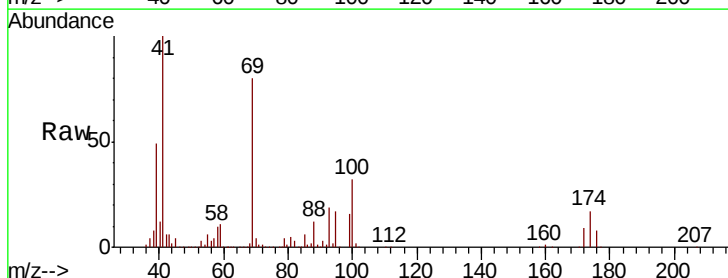
Tgt Ion: 41 Resp: 179489

Ion Ratio Lower Upper

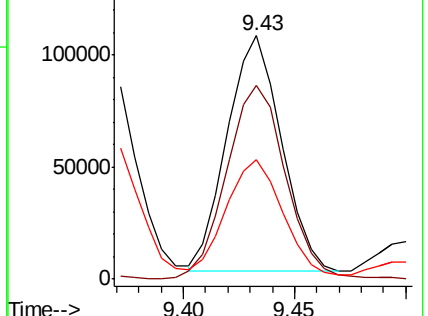
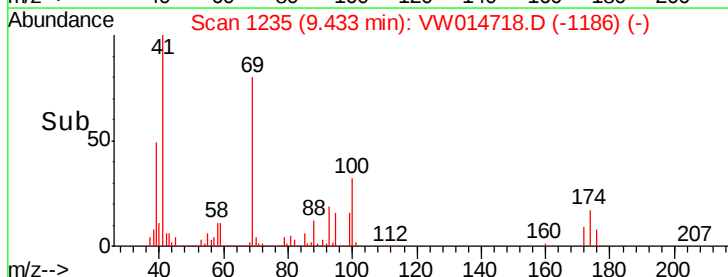
41 100

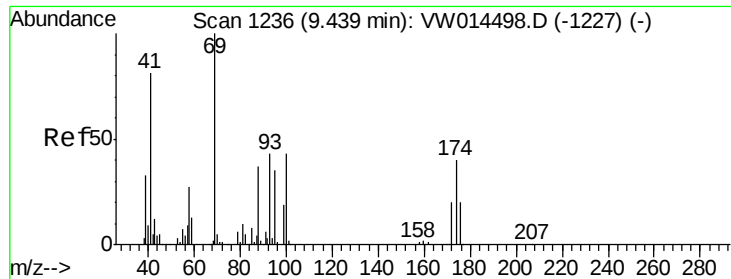
69 89.4 68.3 102.5

39 49.7 36.8 55.2



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





#49

1,4-Dioxane

Concen: 925.287 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :
MSVOA_W
ClientSampleId :

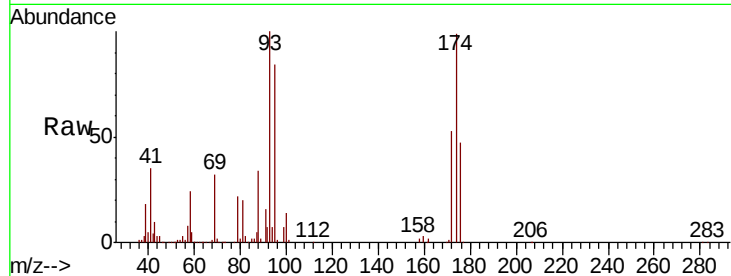
Tot Ion: 88 Resp: 58595

Ion Ratio Lower Upper

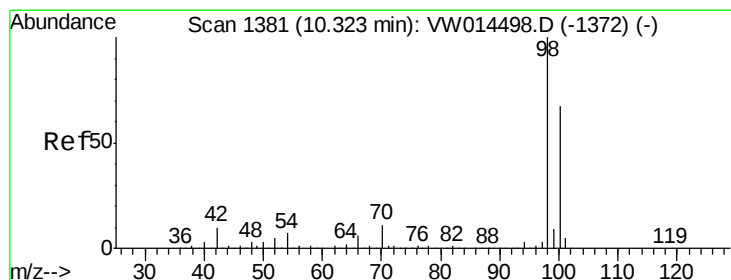
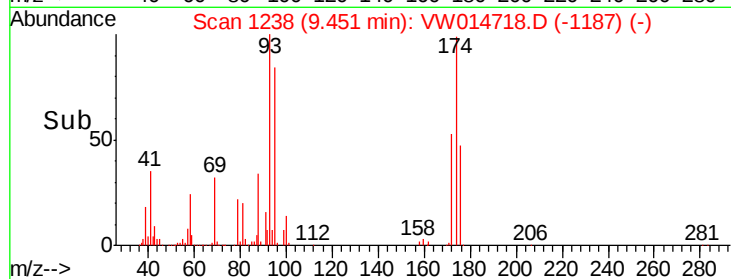
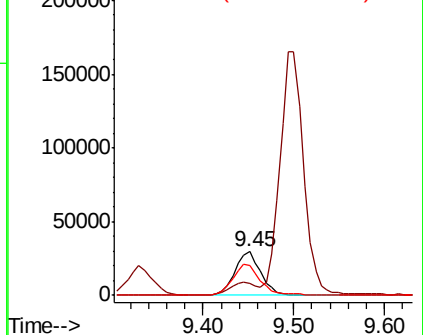
88 100

43 31.9 24.9 37.3

58 77.0 56.9 85.3



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: 53.130 ug/l

RT: 10.32 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VW014718.D

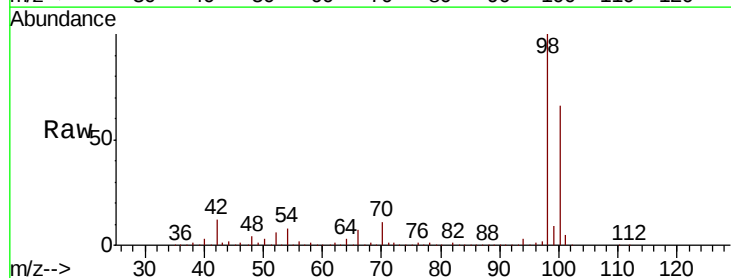
Acq: 23 Jan 2020 10:18

Tgt Ion: 98 Resp: 1298454

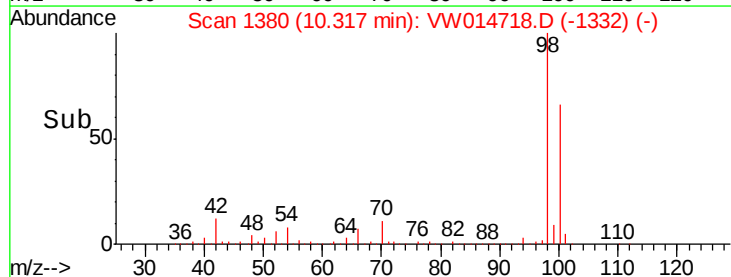
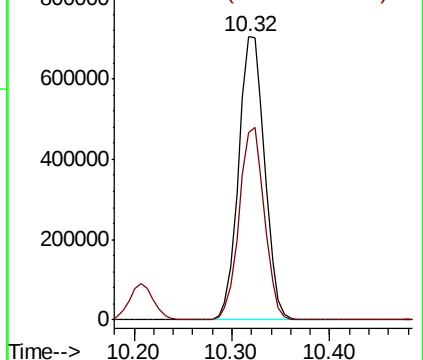
Ion Ratio Lower Upper

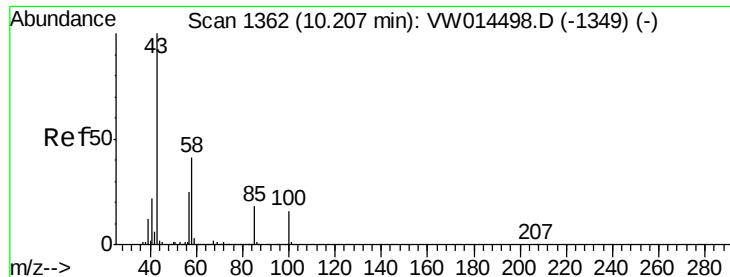
98 100

100 66.0 53.8 80.6



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

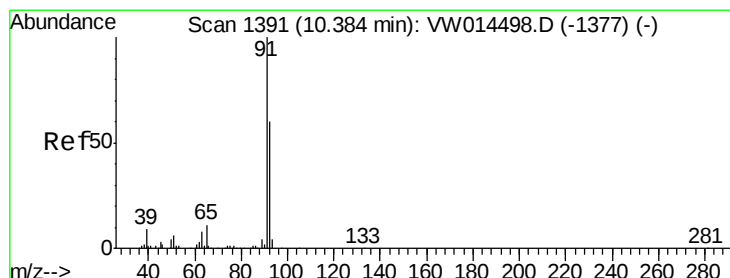
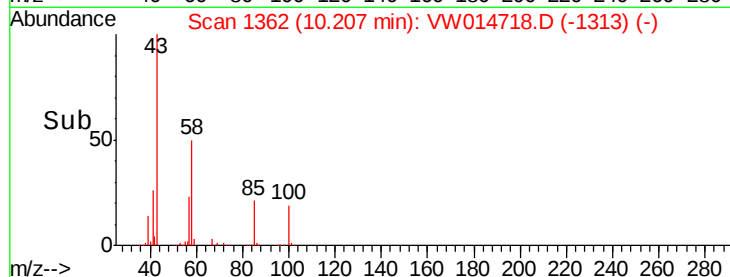
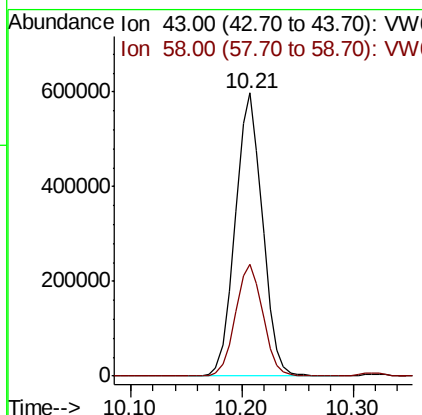
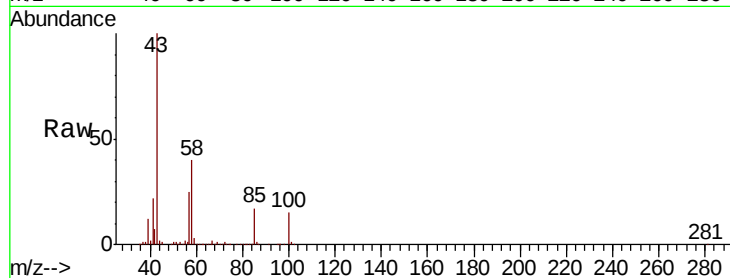




#51
4-Methyl-2-Pentanone
Concen: 238.281 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

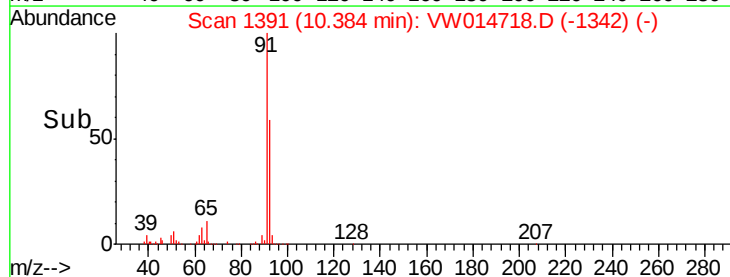
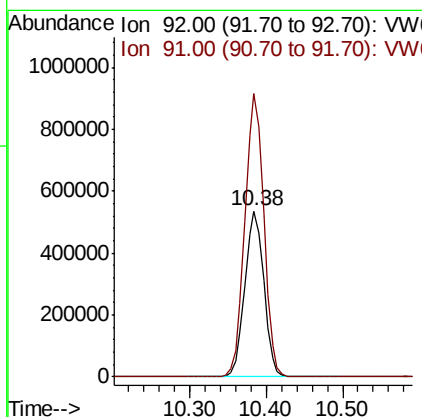
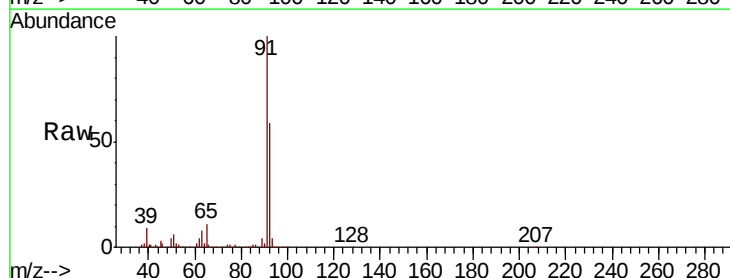
Instrument :
MSVOA_W
ClientSampleId :

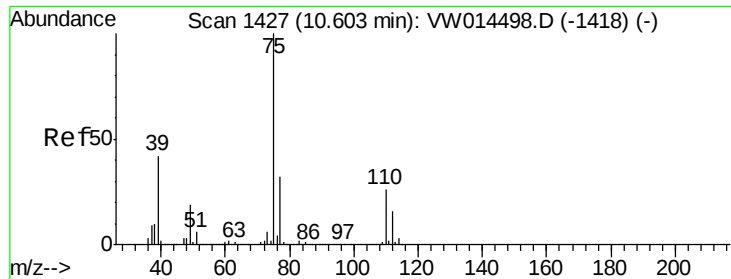
Tot Ion: 43 Resp: 1006671
Ion Ratio Lower Upper
43 100
58 39.9 32.7 49.1



#52
Toluene
Concen: 52.424 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 92 Resp: 921773
Ion Ratio Lower Upper
92 100
91 170.4 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 50.770 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

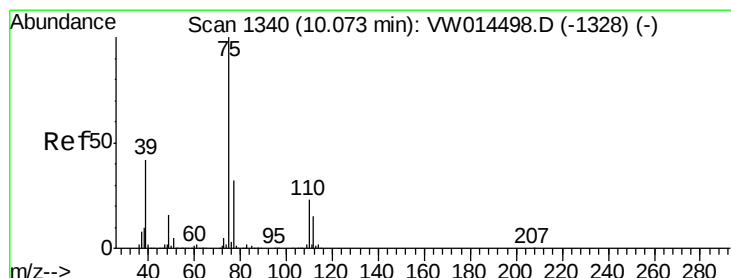
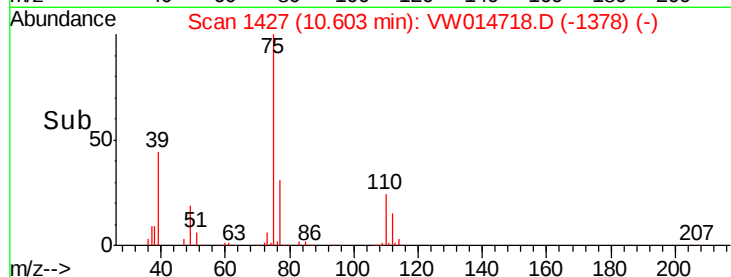
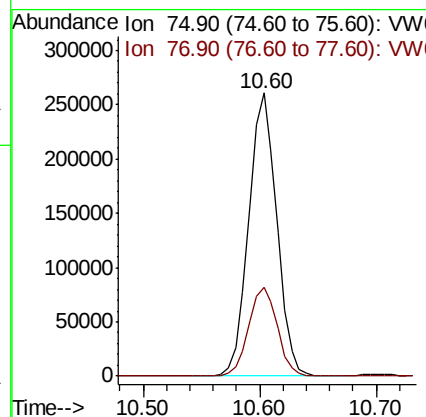
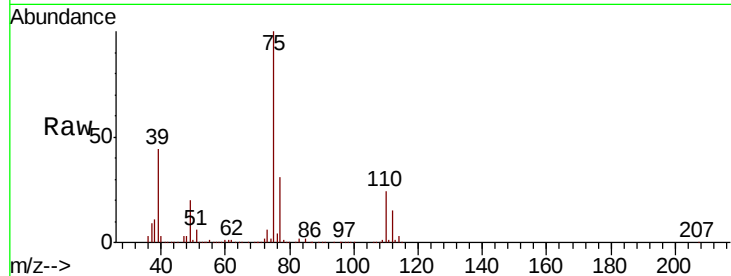
ClientSampleId :

Tot Ion: 75 Resp: 439406

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.033 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

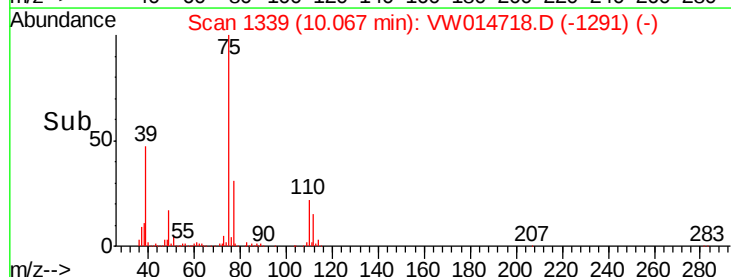
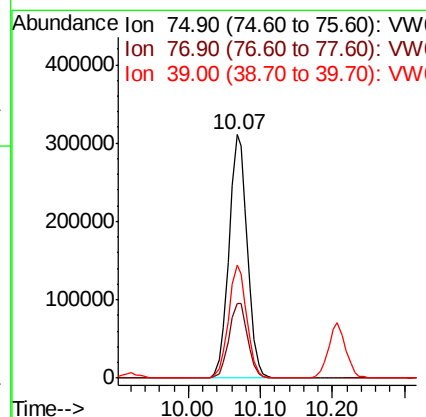
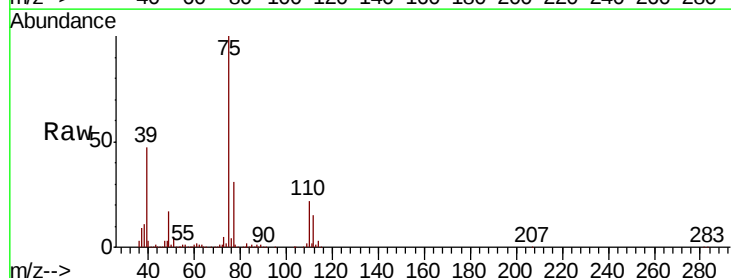
Tgt Ion: 75 Resp: 550396

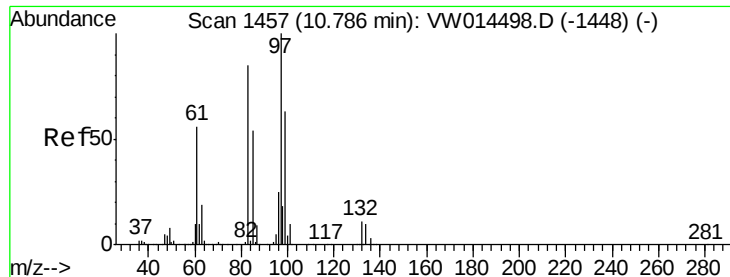
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 46.6 33.4 50.2





#55

1,1,2-Trichloroethane

Concen: 48.908 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 97 Resp: 241844

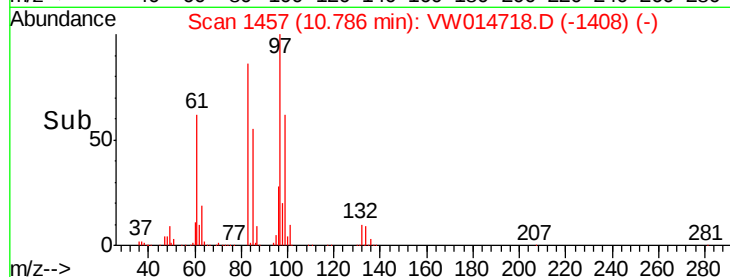
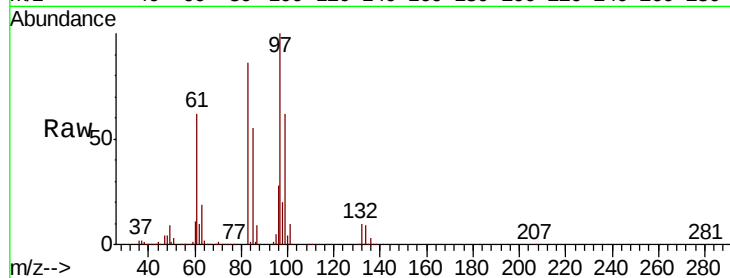
Ion Ratio Lower Upper

97 100

83 85.7 68.2 102.4

85 55.0 43.0 64.4

99 61.6 50.1 75.1



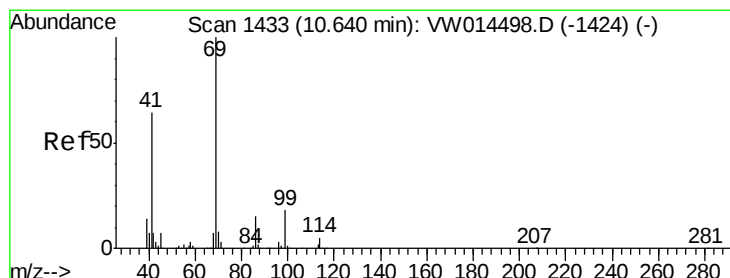
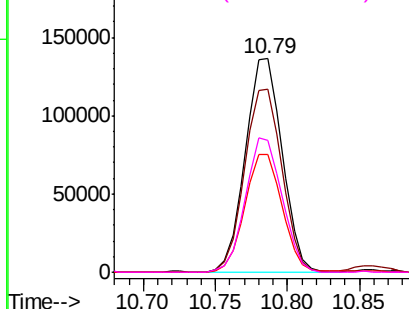
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 48.844 ug/l

RT: 10.64 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

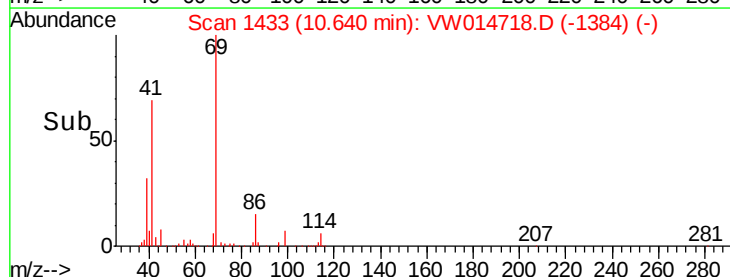
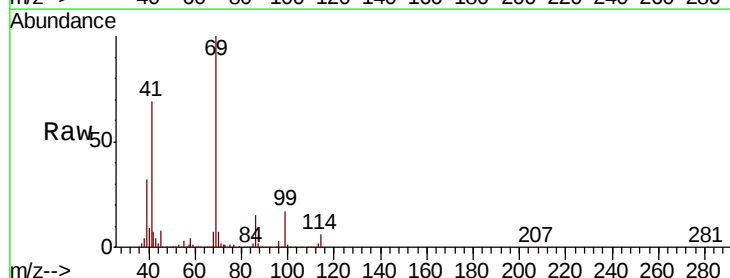
Tgt Ion: 69 Resp: 313890

Ion Ratio Lower Upper

69 100

41 66.7 51.3 76.9

39 27.2 21.0 31.6

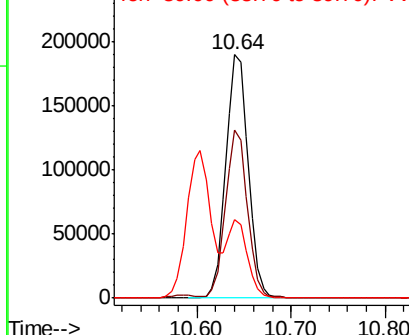


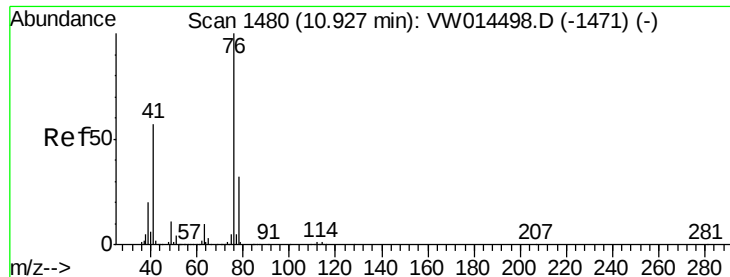
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 49.651 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

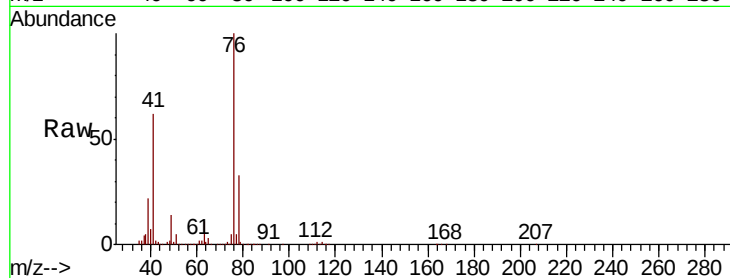
ClientSampled :

Tot Ion: 76 Resp: 431512

Ion Ratio Lower Upper

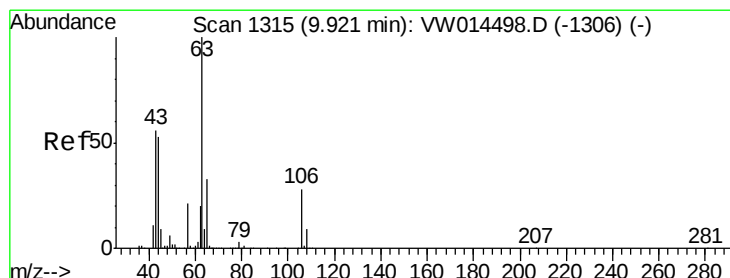
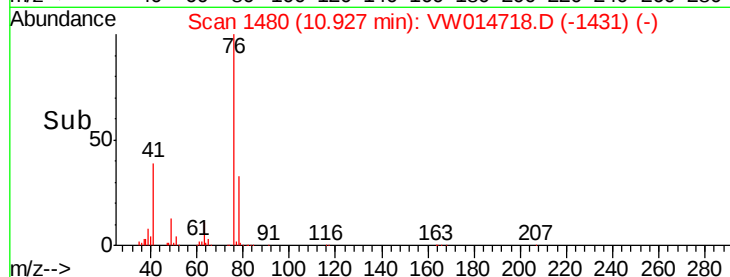
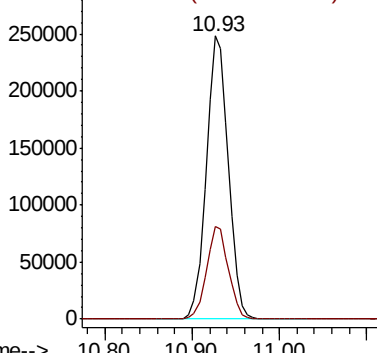
76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 278.101 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014718.D

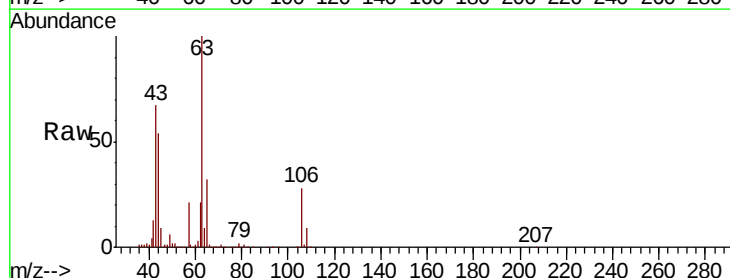
Acq: 23 Jan 2020 10:18

Tgt Ion: 63 Resp: 543540

Ion Ratio Lower Upper

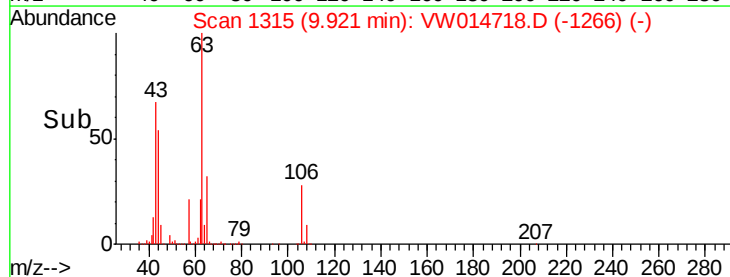
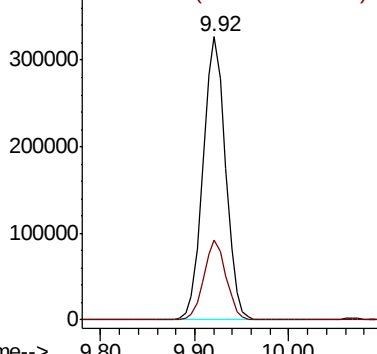
63 100

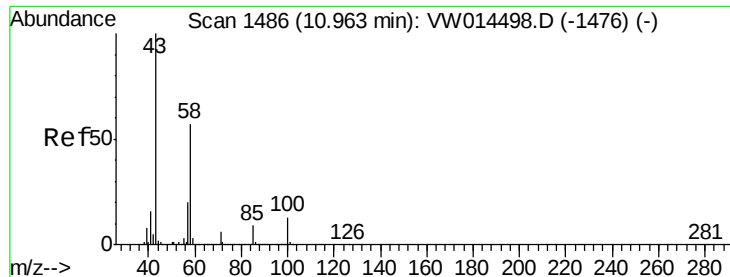
106 27.7 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V

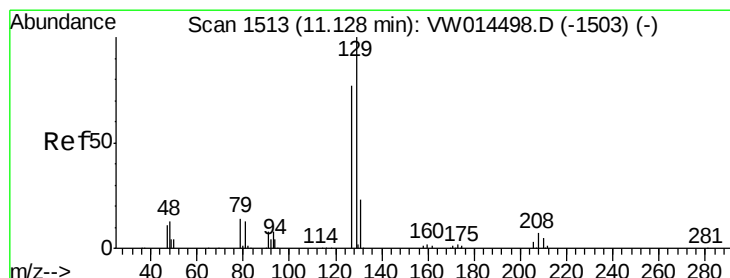
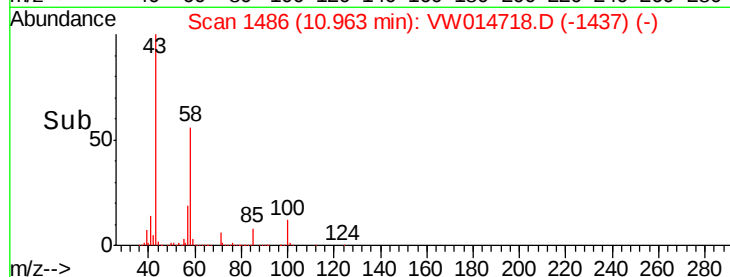
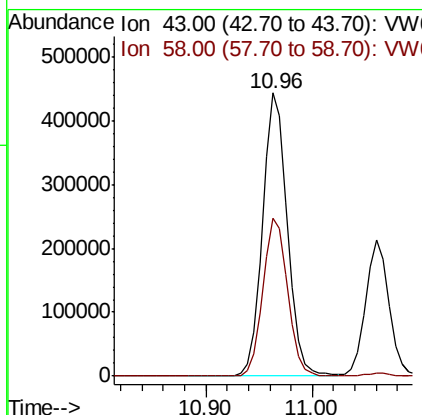
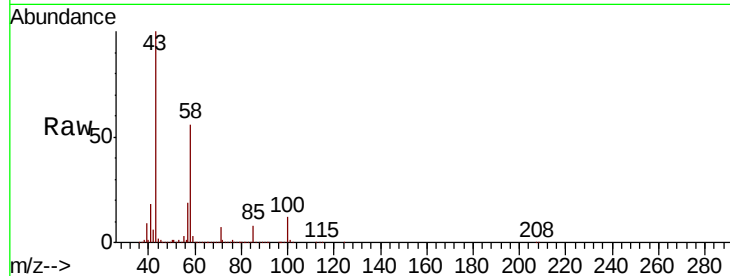




#59
2-Hexanone
Concen: 247.490 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

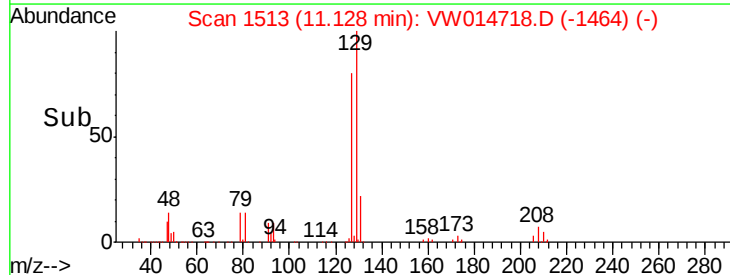
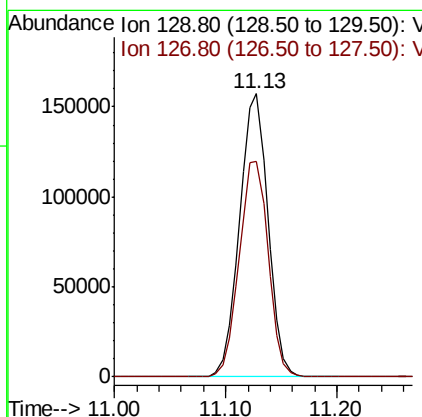
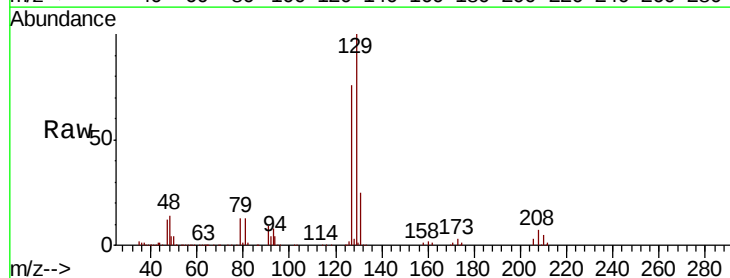
Instrument :
MSVOA_W
ClientSampled :

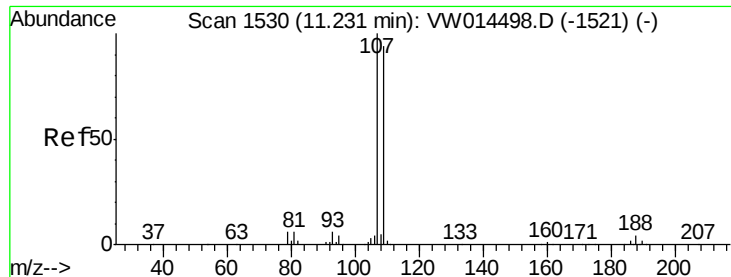
Tot Ion: 43 Resp: 720496
Ion Ratio Lower Upper
43 100
58 56.0 28.7 86.3



#60
Dibromochloromethane
Concen: 49.863 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 129 Resp: 278199
Ion Ratio Lower Upper
129 100
127 78.0 38.1 114.5

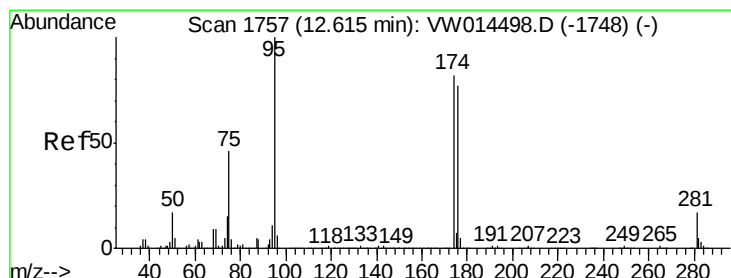
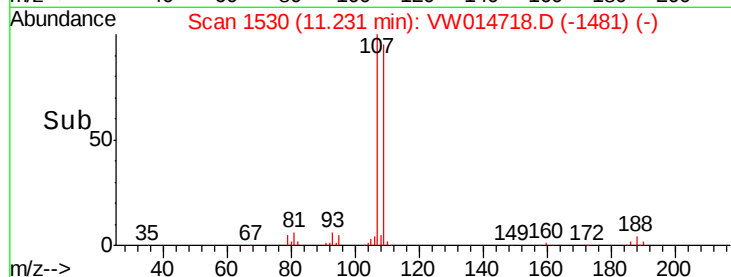
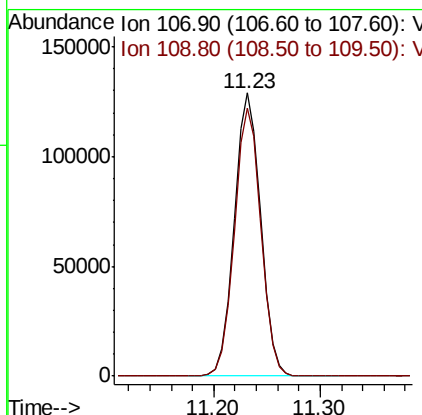
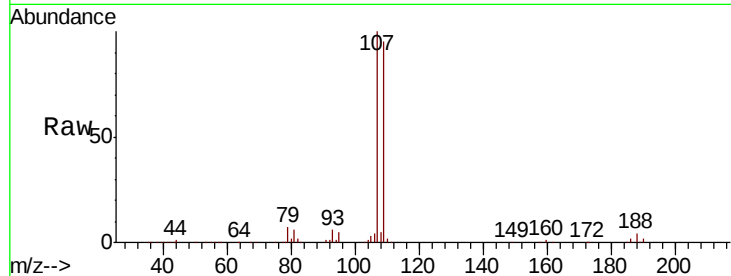




#61
 1,2-Dibromoethane
 Concen: 47.798 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

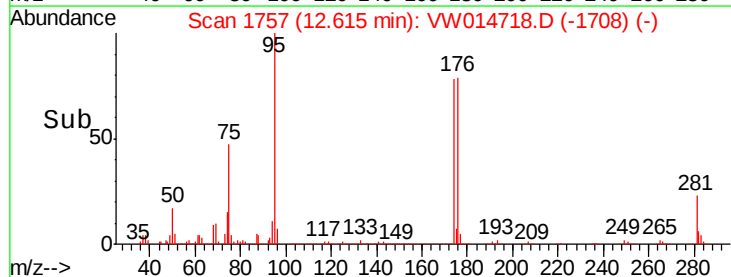
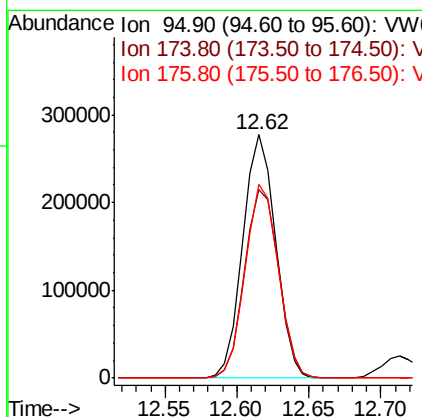
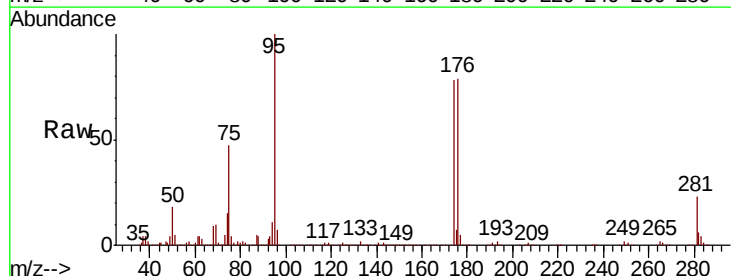
Instrument :
 MSVOA_W
 ClientSampled :

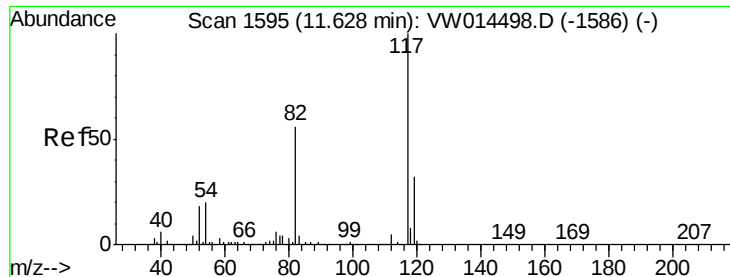
Tot Ion: 107 Resp: 224357
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 52.896 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion: 95 Resp: 438482
 Ion Ratio Lower Upper
 95 100
 174 80.7 0.0 168.6
 176 80.2 0.0 162.0

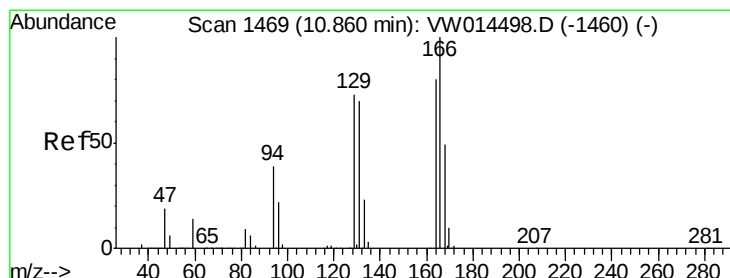
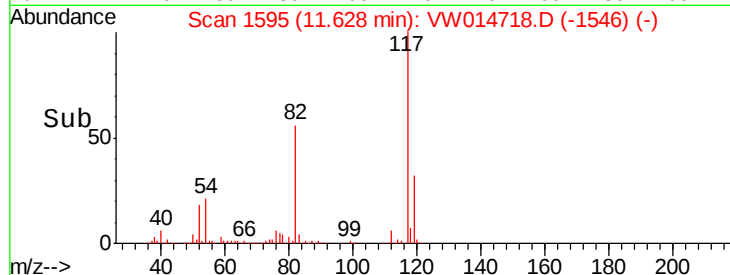
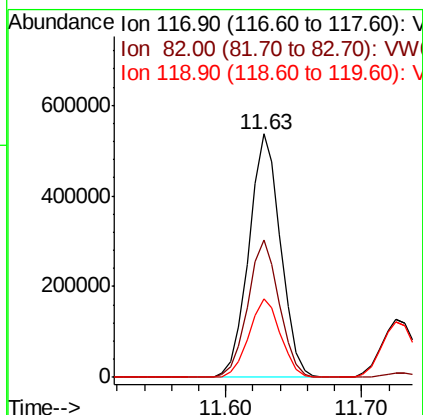
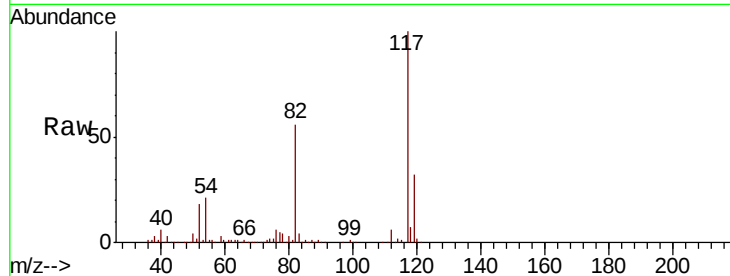




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

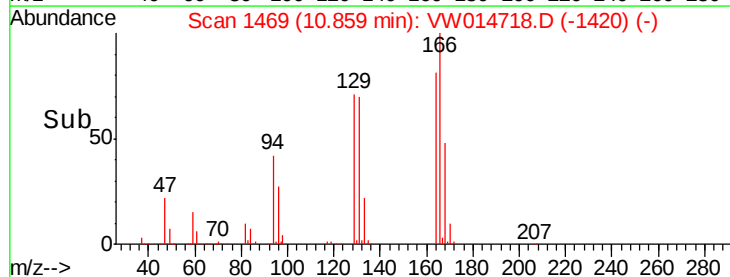
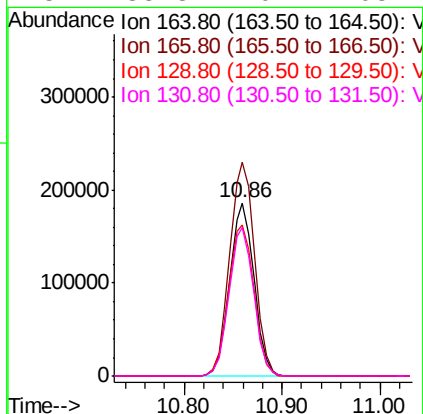
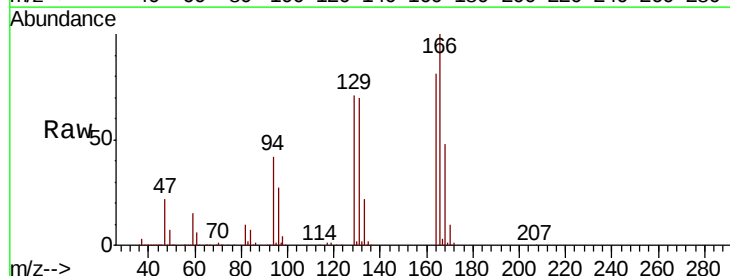
Instrument :
MSVOA_W
ClientSampleId :

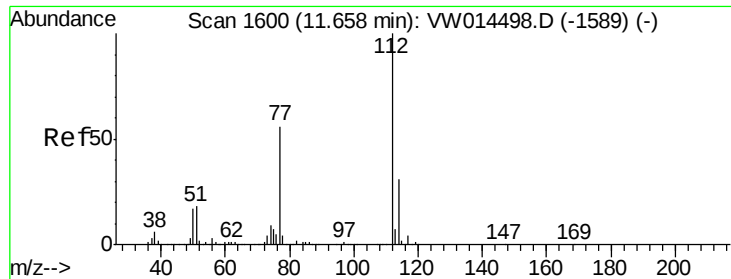
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	67.0
119	32.3	25.7	38.5



#64
Tetrachloroethene
Concen: 50.486 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.2	99.8	149.6
129	87.1	72.4	108.6
131	85.8	70.1	105.1

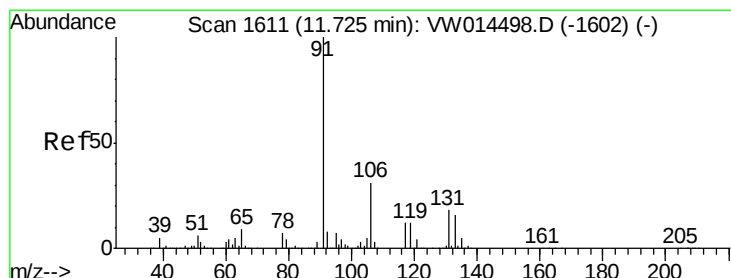
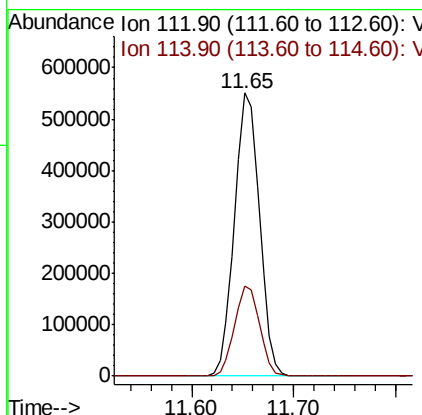
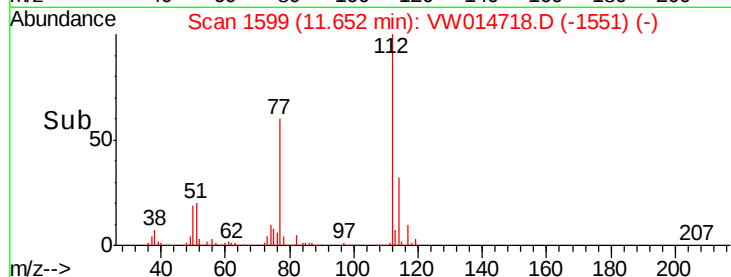
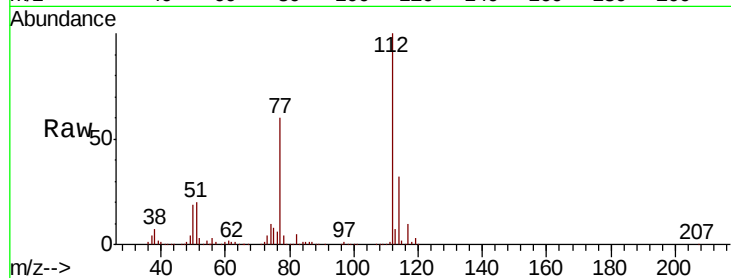




#65
Chlorobenzene
Concen: 51.950 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

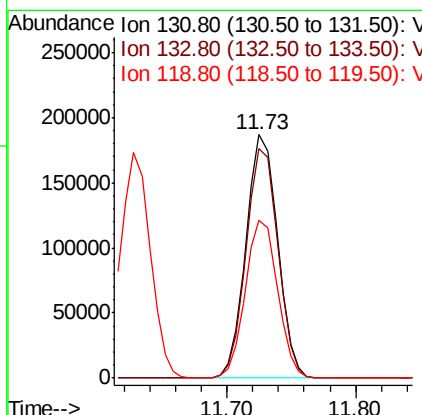
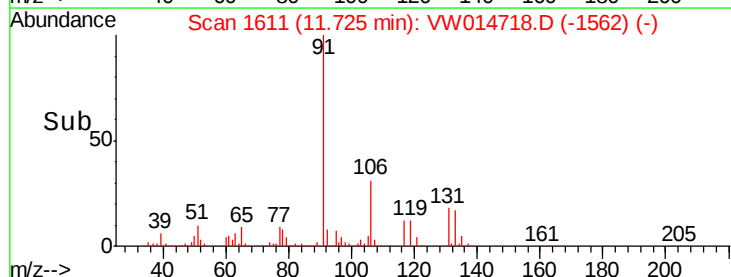
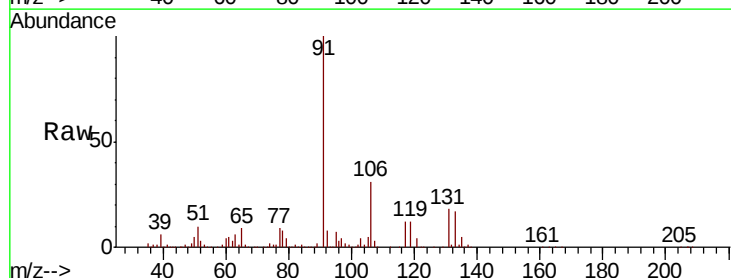
Instrument :
MSVOA_W
ClientSampled :

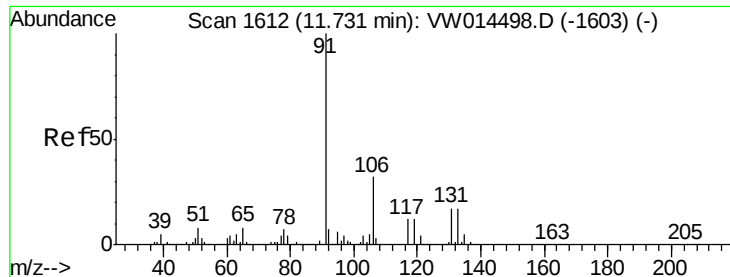
Tot Ion:112 Resp: 932492
Ion Ratio Lower Upper
112 100
114 31.7 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.519 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion:131 Resp: 317404
Ion Ratio Lower Upper
131 100
133 95.2 47.3 142.0
119 66.0 33.1 99.3

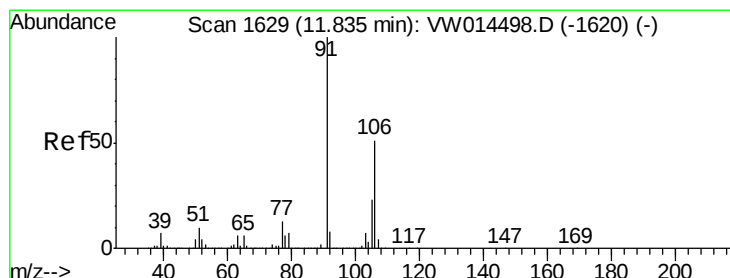
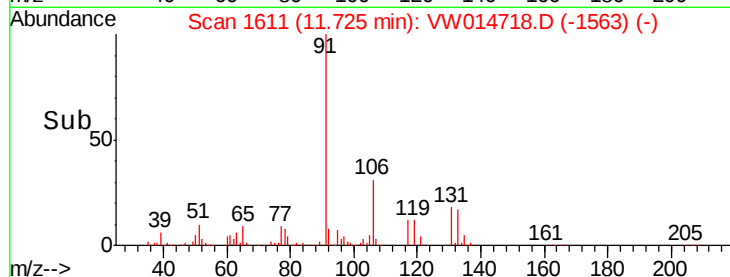
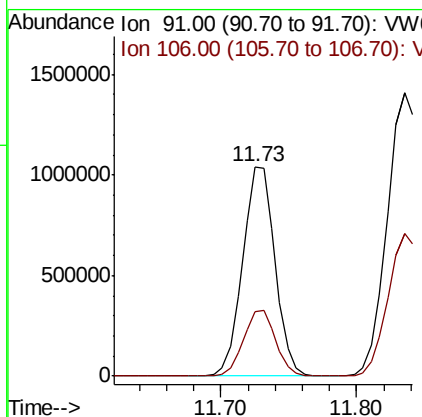
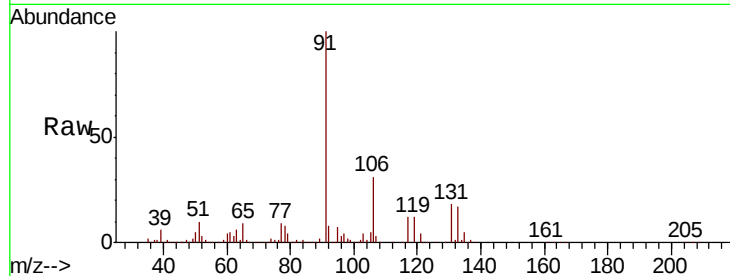




#67
Ethyl Benzene
Concen: 53.536 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

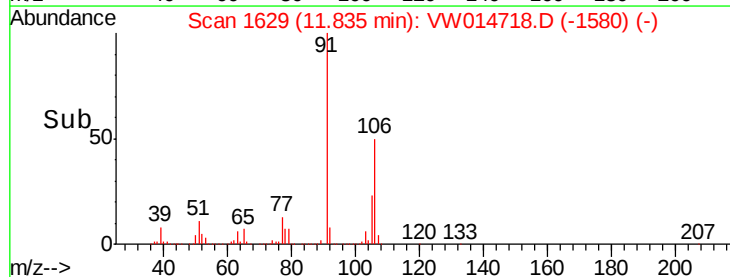
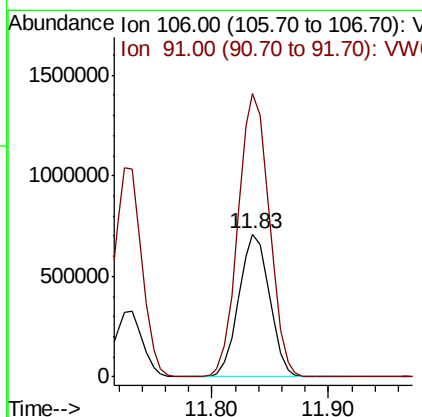
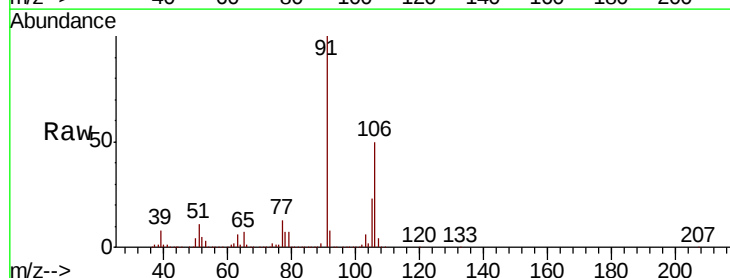
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 91 Resp: 1731796
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3



#68
m/p-Xylenes
Concen: 105.920 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 106 Resp: 1311325
Ion Ratio Lower Upper
106 100
91 200.8 159.0 238.6

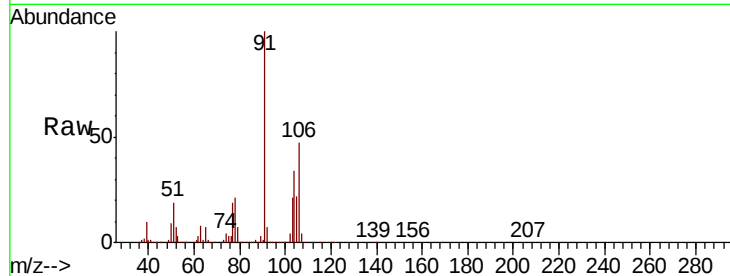




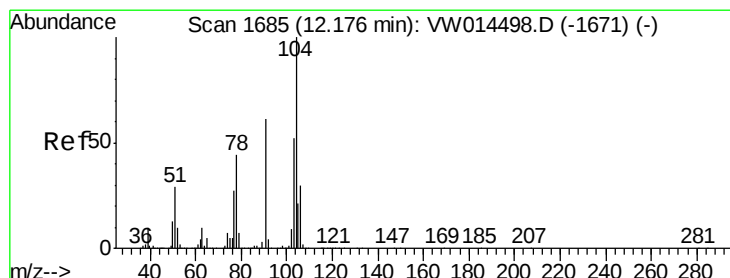
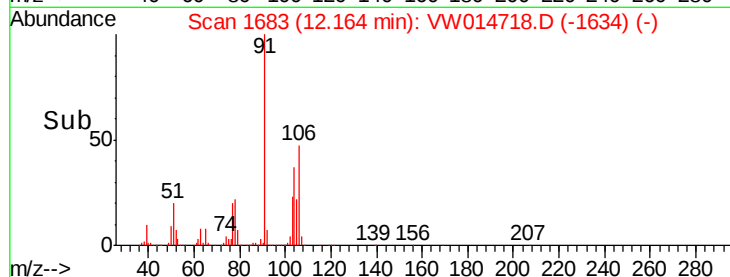
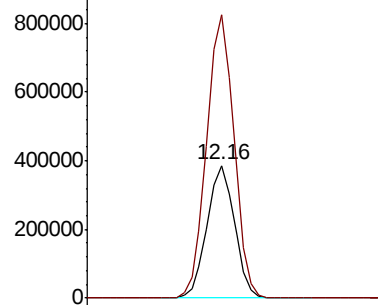
#69
o-Xylene
Concen: 52.346 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:106 Resp: 598626
Ion Ratio Lower Upper
106 100
91 213.1 105.2 315.6

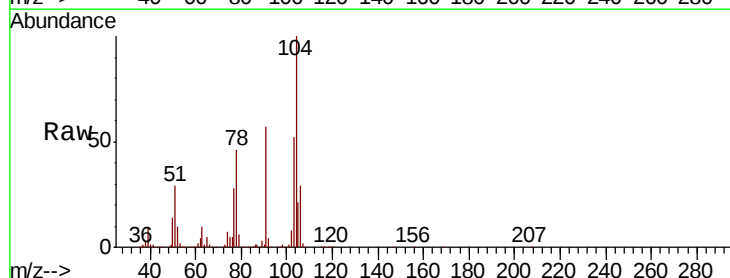


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

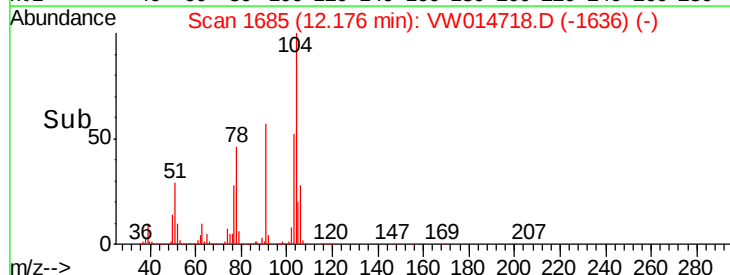
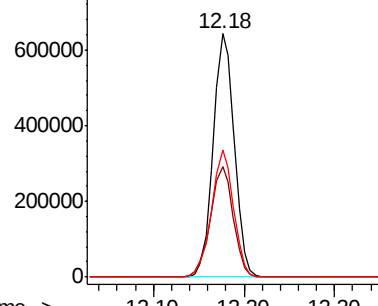


#70
Styrene
Concen: 53.651 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion:104 Resp: 1037769
Ion Ratio Lower Upper
104 100
78 49.0 38.4 57.6
103 54.4 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 47.242 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

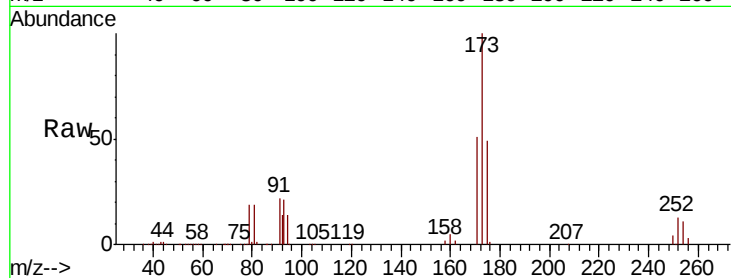
Tot Ion:173 Resp: 155733

Ion Ratio Lower Upper

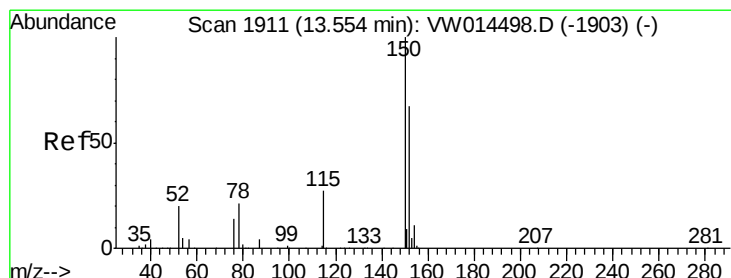
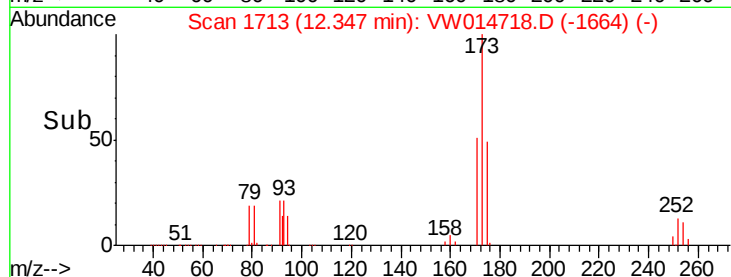
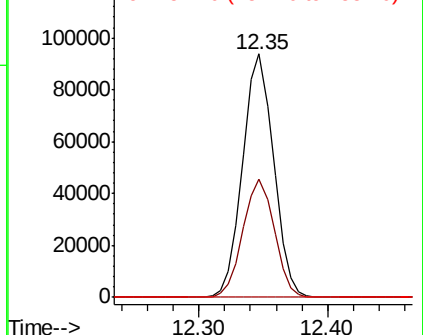
173 100

175 49.4 24.5 73.5

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

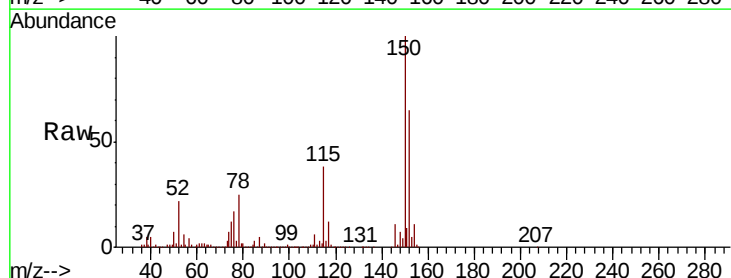
Tgt Ion:152 Resp: 428525

Ion Ratio Lower Upper

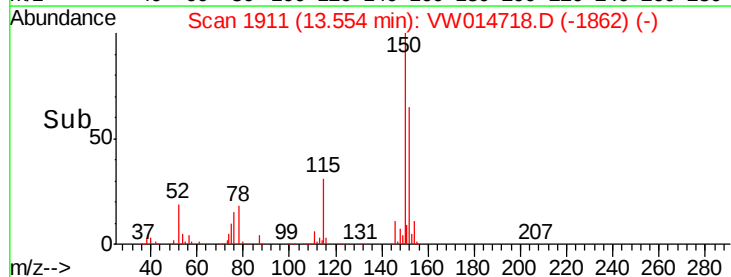
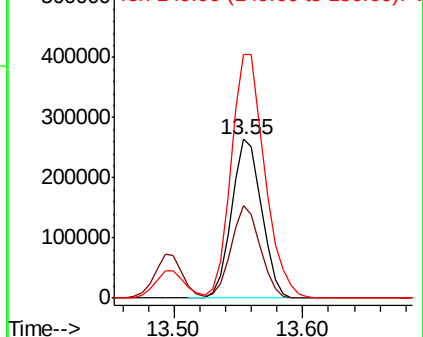
152 100

115 56.5 27.7 83.1

150 170.5 0.0 343.4



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: 52.805 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

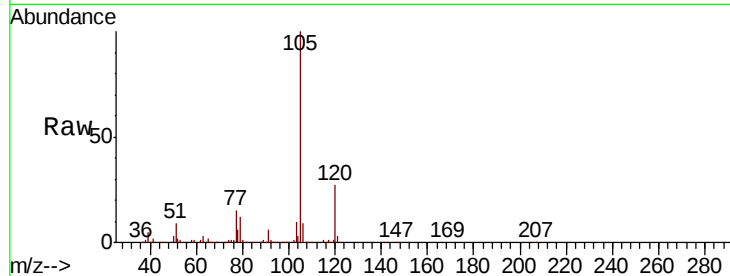
ClientSampled :

Tot Ion:105 Resp: 1660351

Ion Ratio Lower Upper

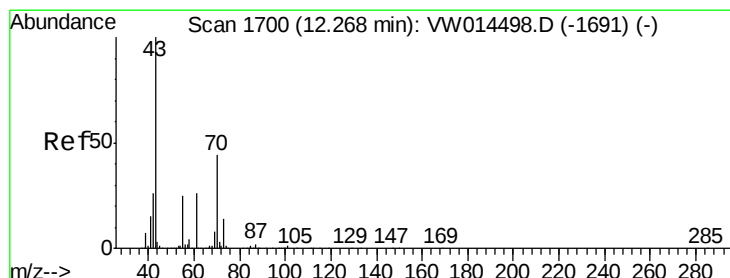
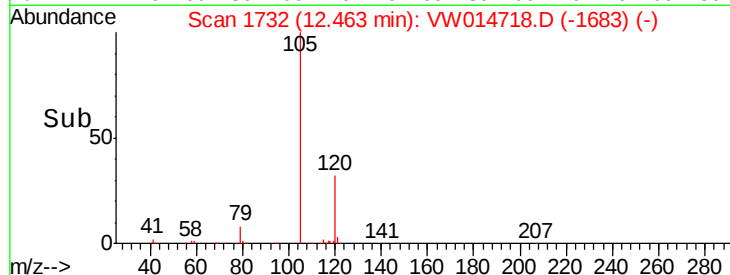
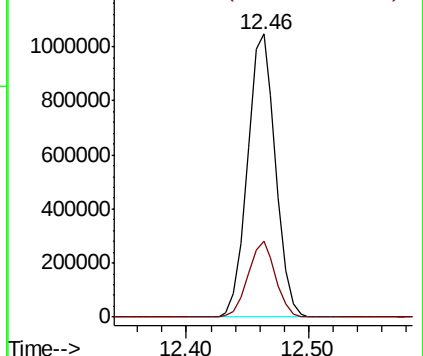
105 100

120 26.2 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.099 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Tgt Ion: 43 Resp: 346157

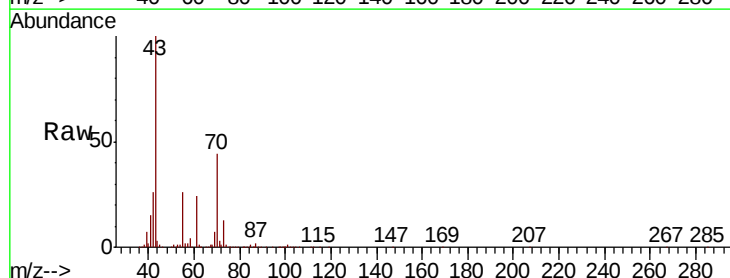
Ion Ratio Lower Upper

43 100

70 44.3 36.5 54.7

55 26.0 20.9 31.3

61 24.6 20.7 31.1

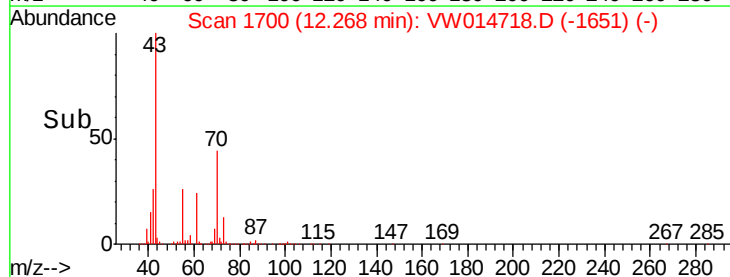
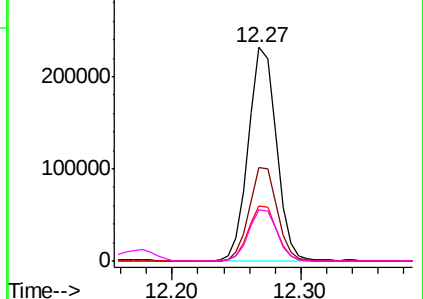


Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 47.719 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampleId :

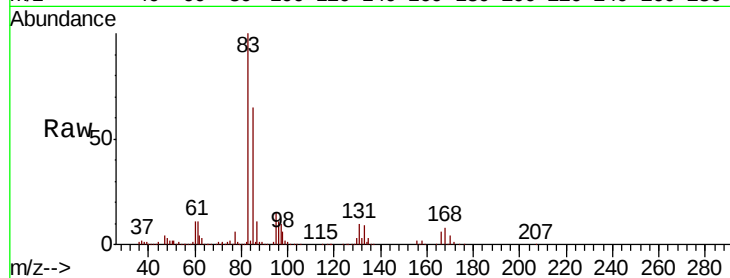
Tot Ion: 83 Resp: 270819

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

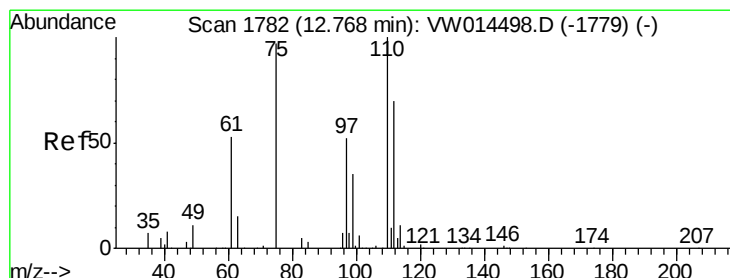
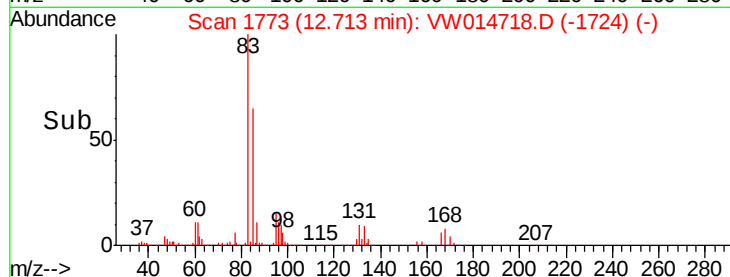
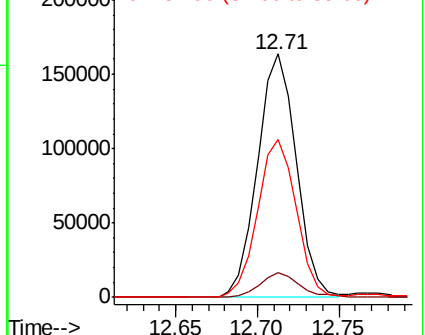
85 64.6 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 86.838 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. -0.01 min

Lab File: VW014718.D

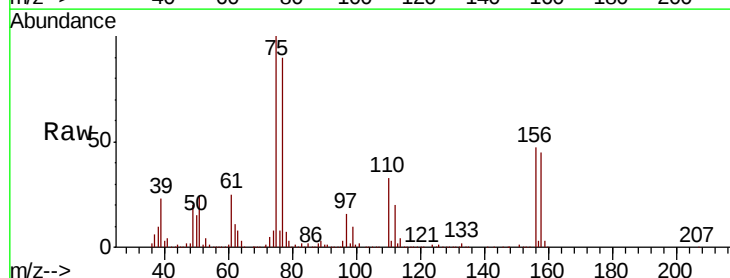
Acq: 23 Jan 2020 10:18

Tgt Ion: 75 Resp: 351836

Ion Ratio Lower Upper

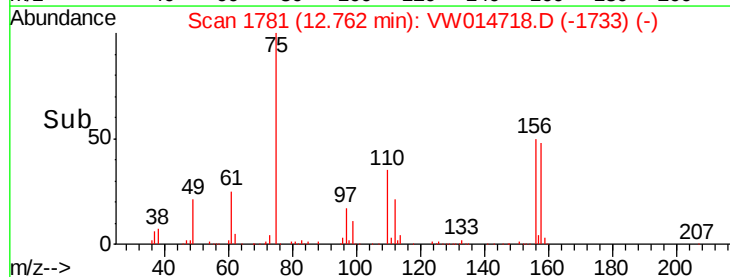
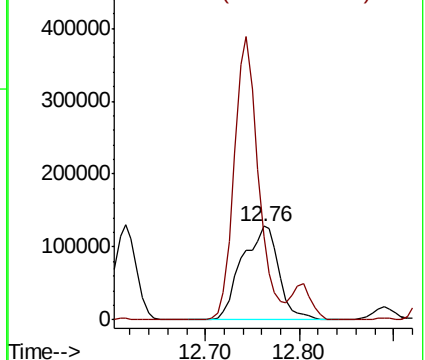
75 100

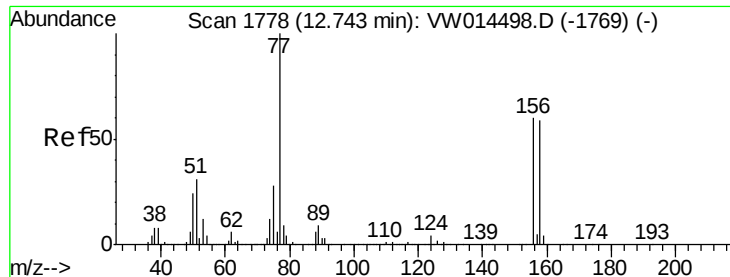
77 198.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

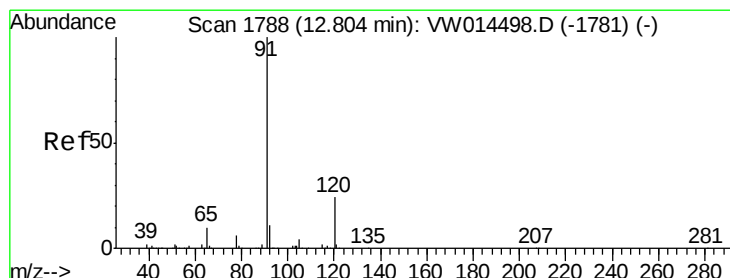
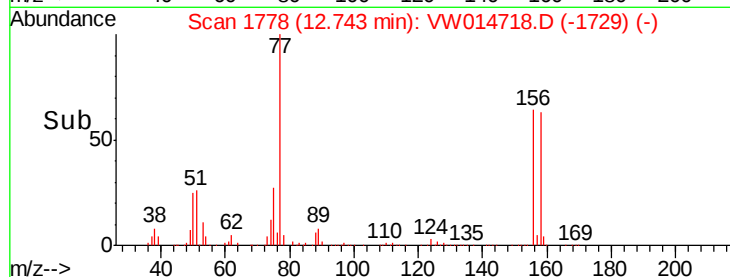
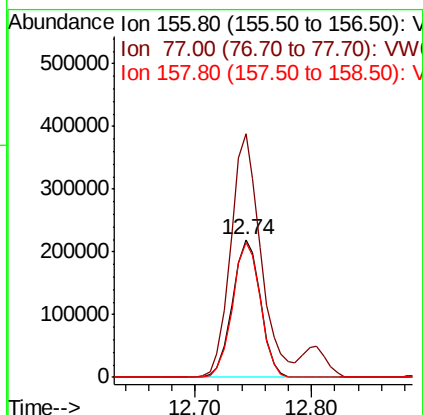
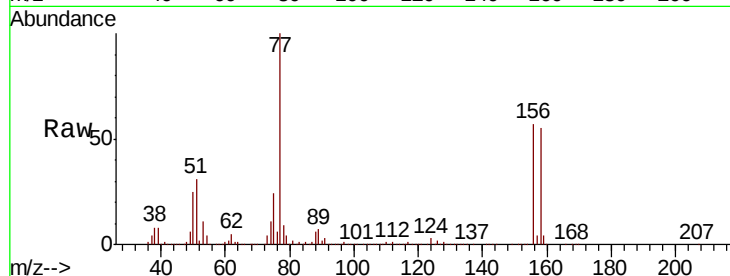




#77
Bromobenzene
Concen: 50.384 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

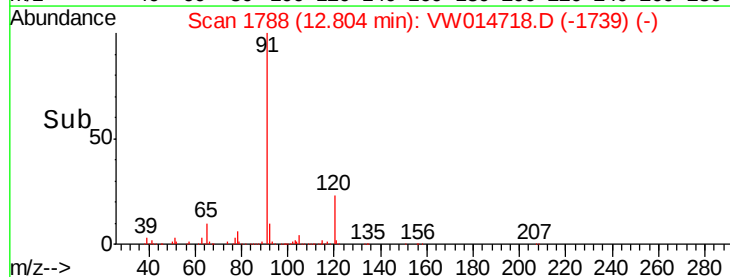
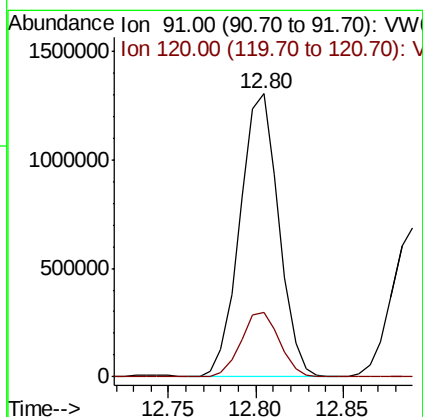
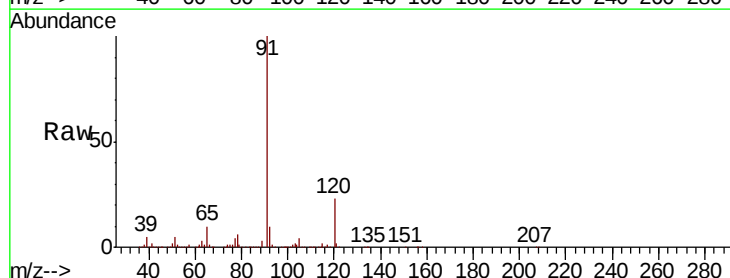
Instrument :
MSVOA_W
ClientSampleId :

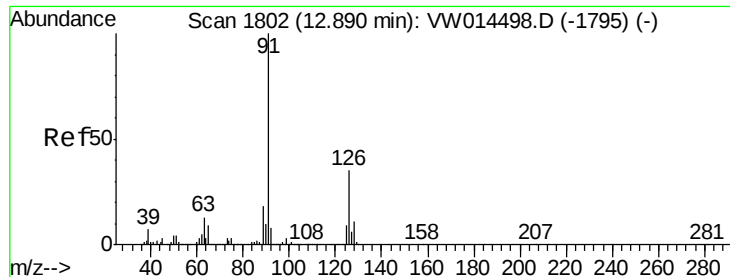
Tot Ion:156 Resp: 367951
Ion Ratio Lower Upper
156 100
77 190.2 92.3 277.1
158 97.0 48.6 145.9



#78
n-propylbenzene
Concen: 54.225 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 91 Resp: 2004884
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.1

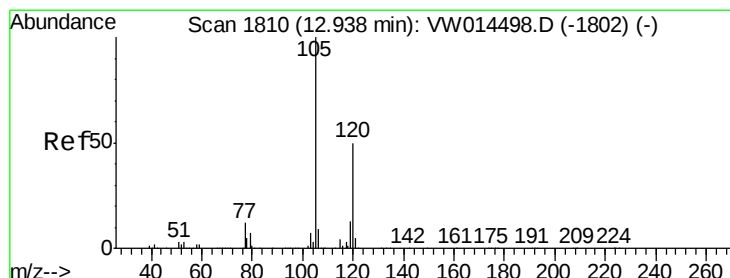
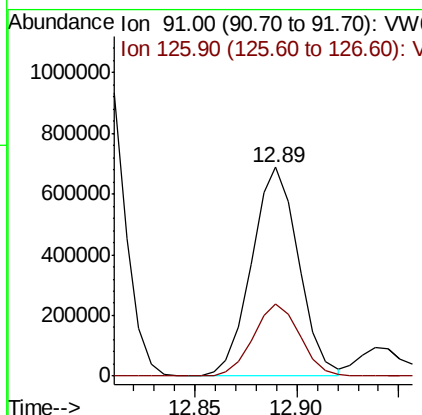
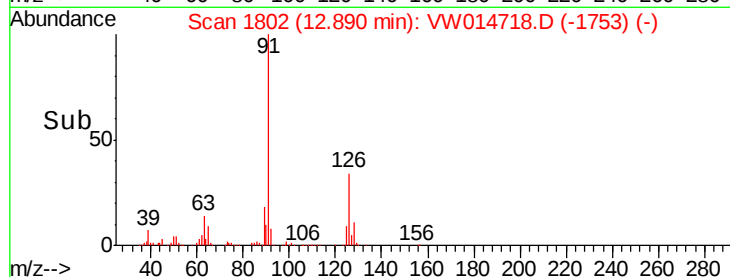
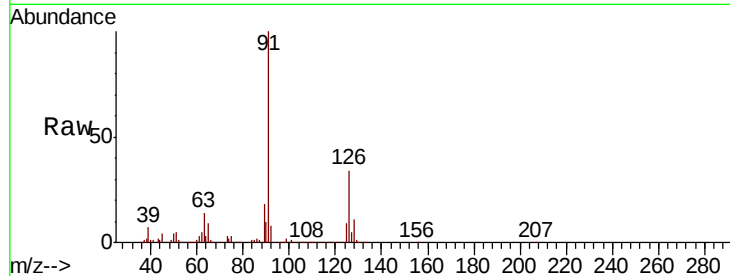




#79
2-Chlorotoluene
Concen: 52.452 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

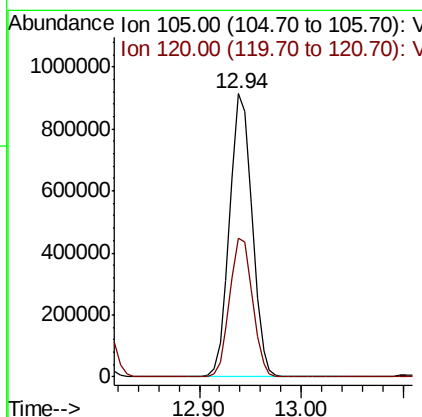
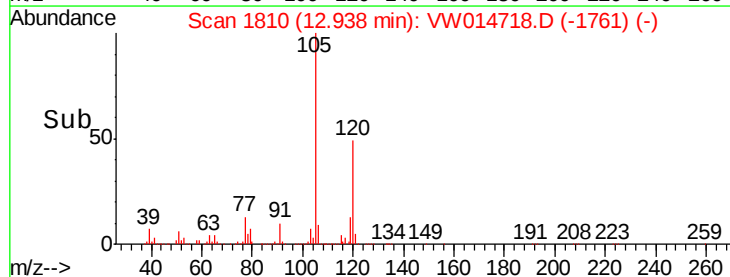
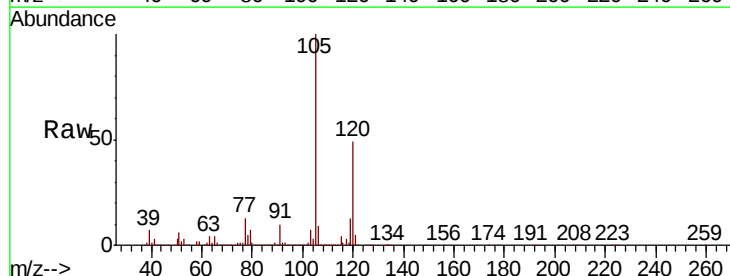
Instrument :
MSVOA_W
ClientSampleId :

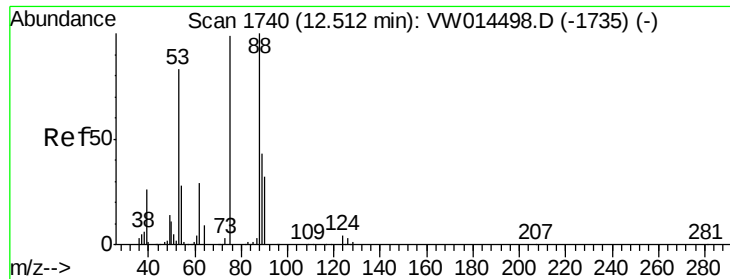
Tot Ion: 91 Resp: 1103639
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 52.592 ug/l
RT: 12.94 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion:105 Resp: 1388468
Ion Ratio Lower Upper
105 100
120 49.8 25.2 75.6

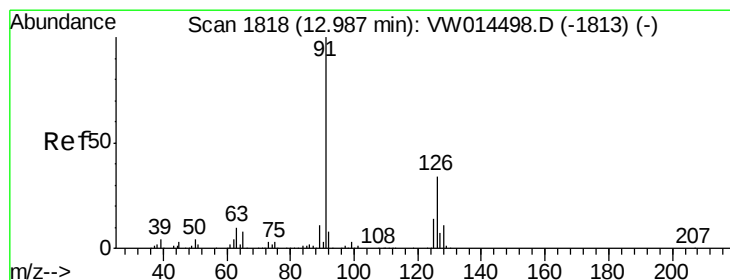
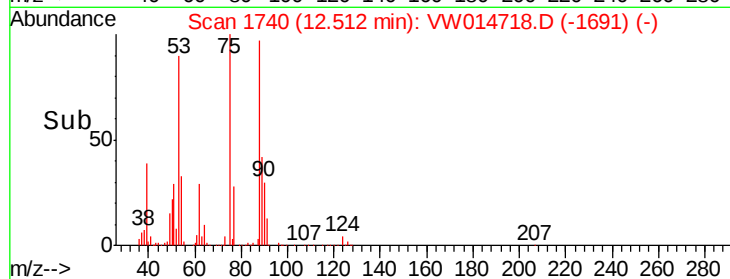
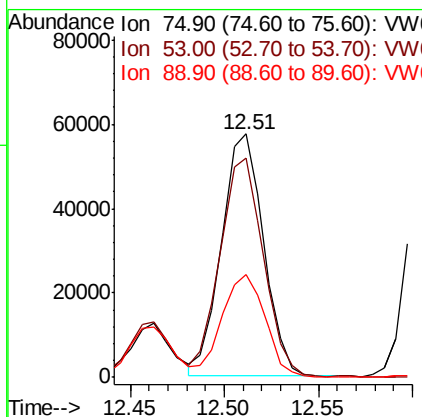
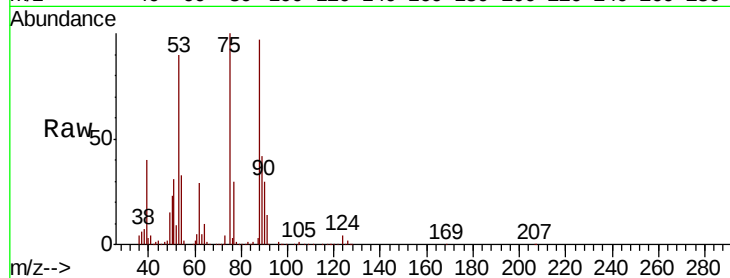




#81
trans-1,4-Dichloro-2-butene
Concen: 49.060 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

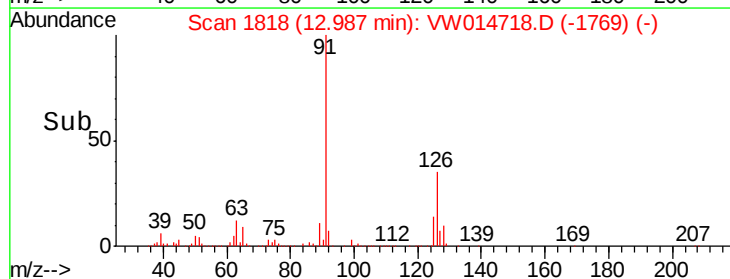
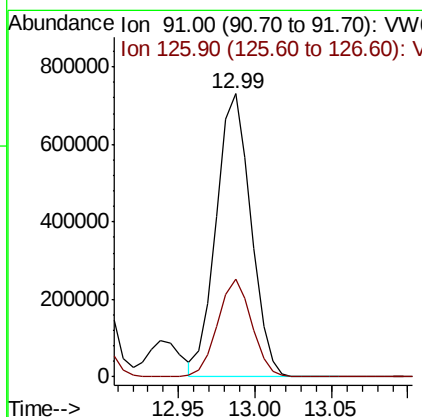
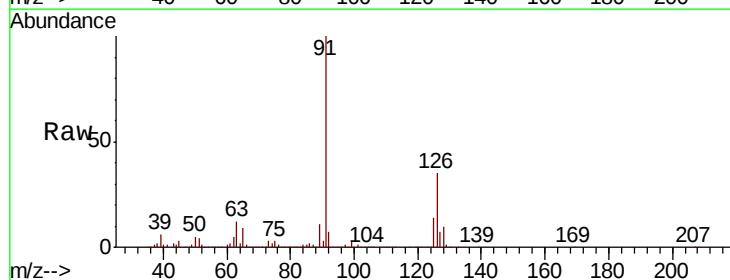
Instrument :
MSVOA_W
ClientSampleId :

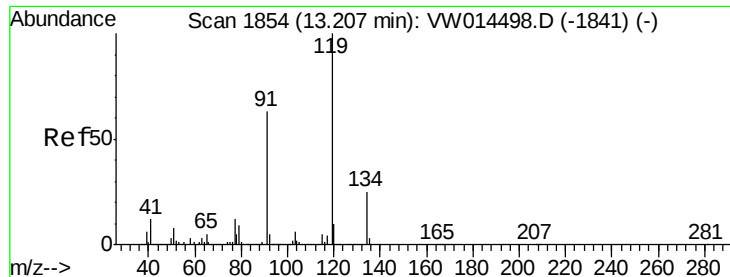
Tot Ion: 75 Resp: 89215
Ion Ratio Lower Upper
75 100
53 92.9 70.9 106.3
89 44.2 35.8 53.8



#82
4-Chlorotoluene
Concen: 52.655 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion: 91 Resp: 1151046
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2

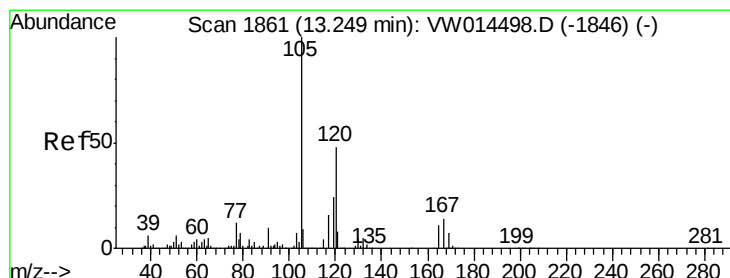
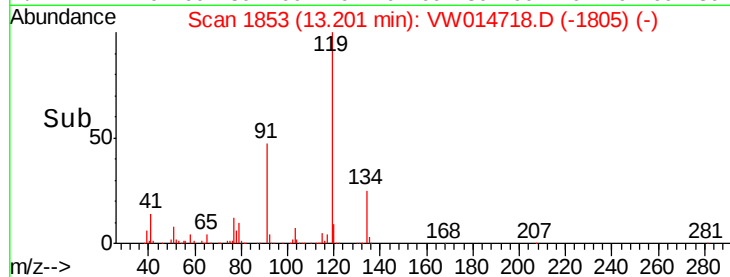
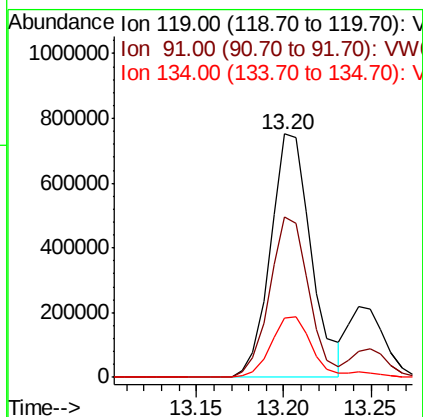
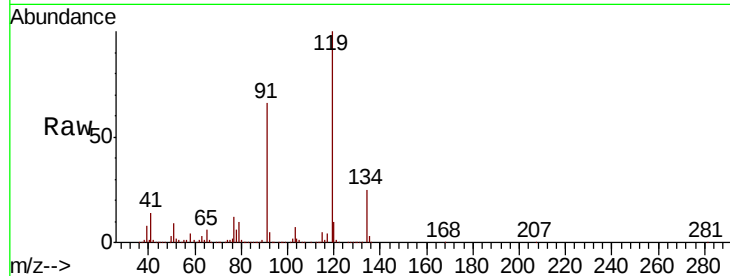




#83
 tert-Butylbenzene
 Concen: 52.718 ug/l
 RT: 13.20 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

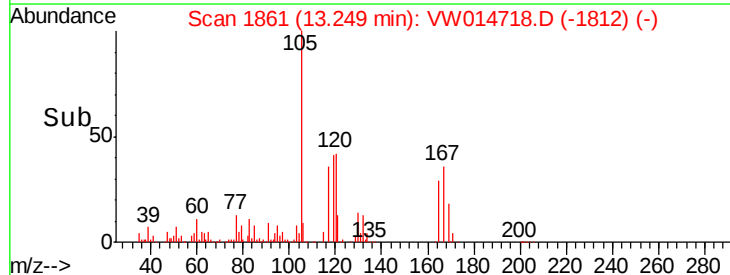
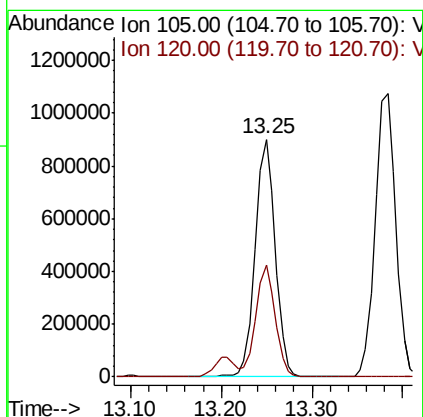
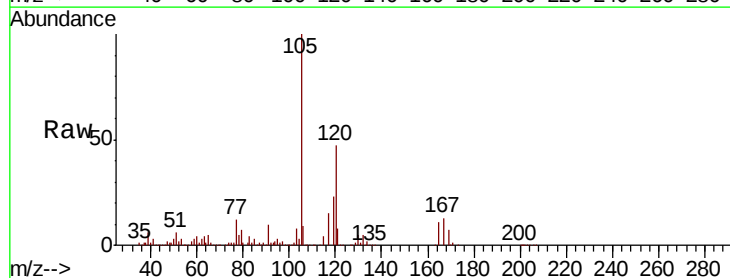
Instrument :
 MSVOA_W
 ClientSampled :

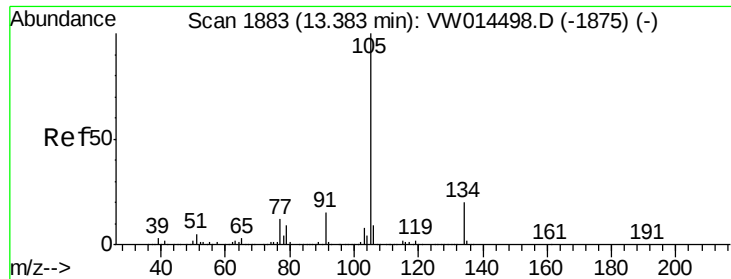
Tot Ion:119 Resp: 1218559
 Ion Ratio Lower Upper
 119 100
 91 63.4 31.1 93.3
 134 26.5 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 52.524 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion:105 Resp: 1379934
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.4 70.0

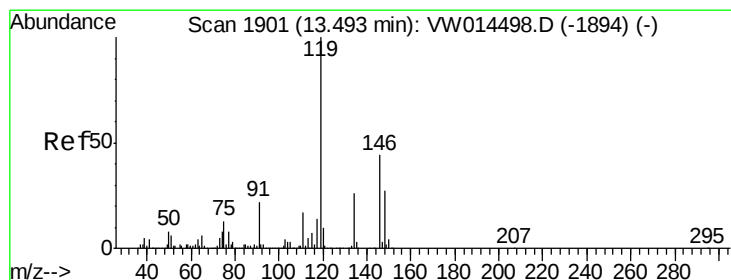
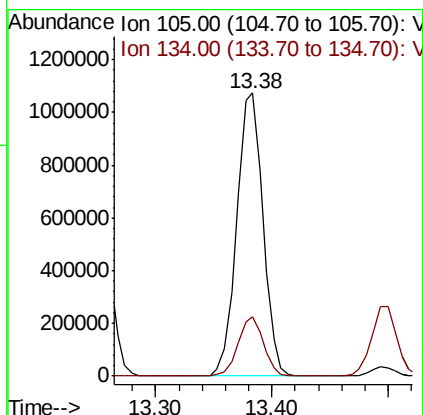
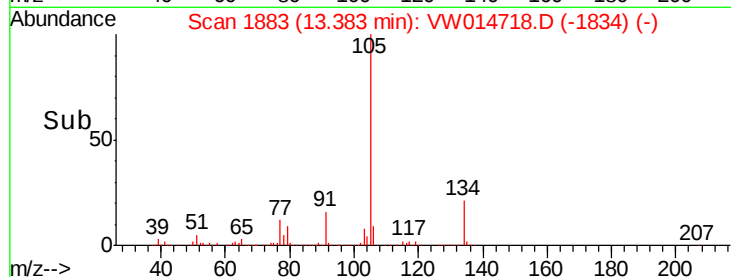
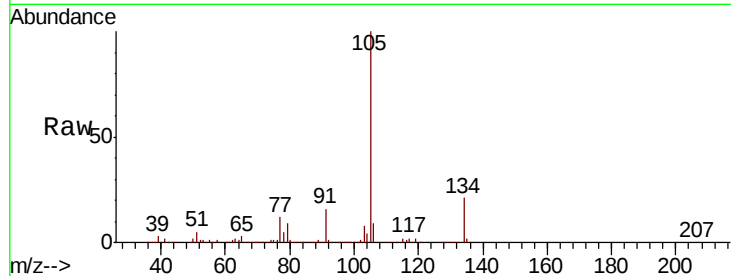




#85
 sec-Butylbenzene
 Concen: 52.650 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

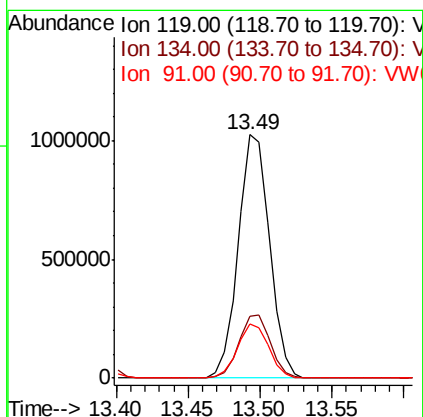
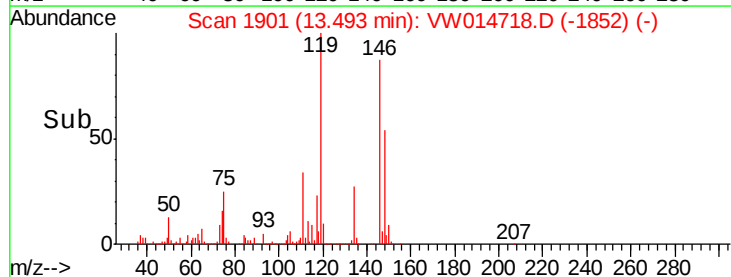
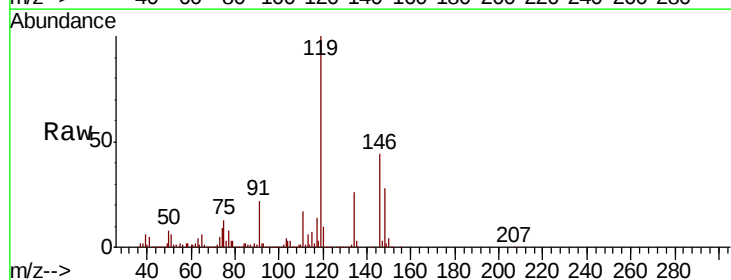
Instrument :
 MSVOA_W
 ClientSampled :

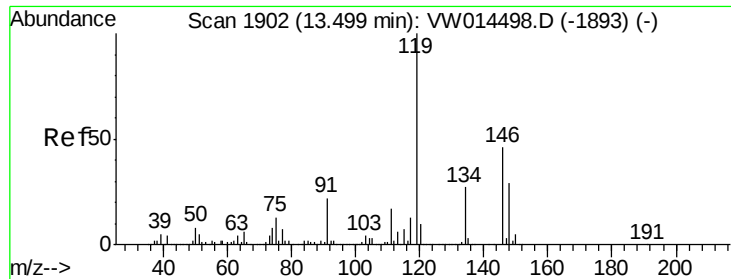
Tot Ion:105 Resp: 1684507
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 53.019 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion:119 Resp: 1546184
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.3 11.1 33.3

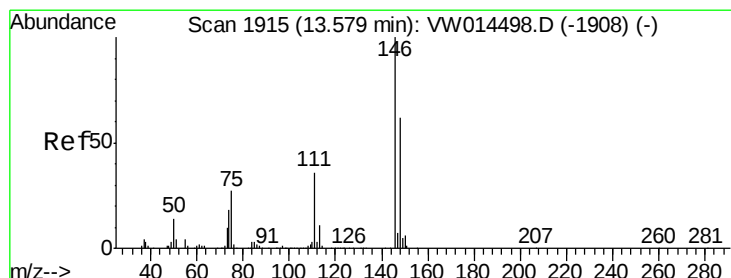
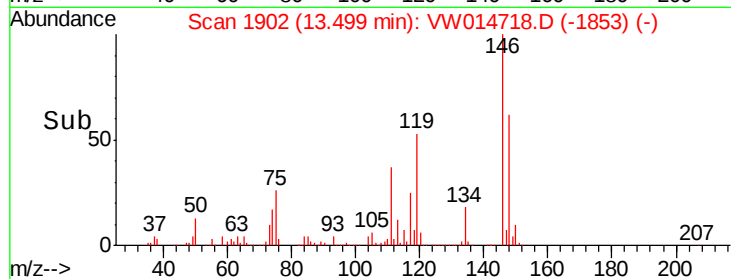
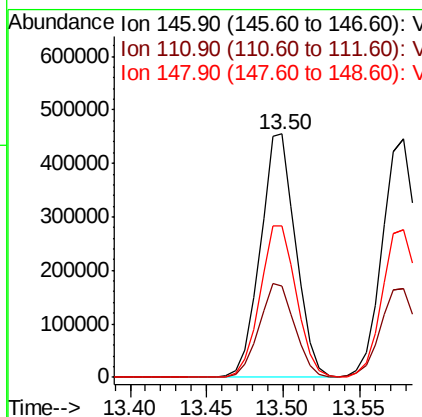
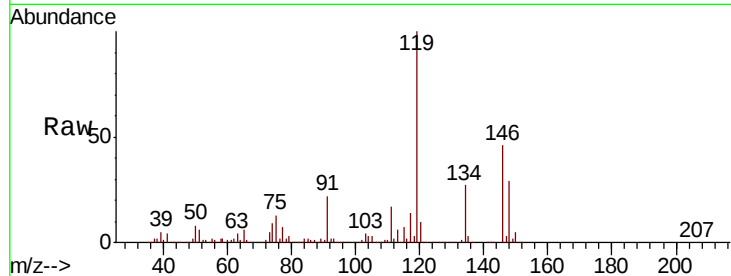




#87
 1,3-Dichlorobenzene
 Concen: 51.523 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

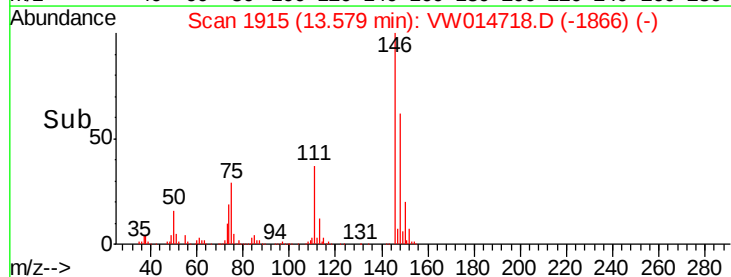
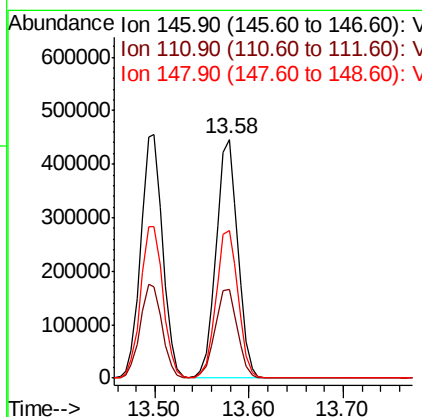
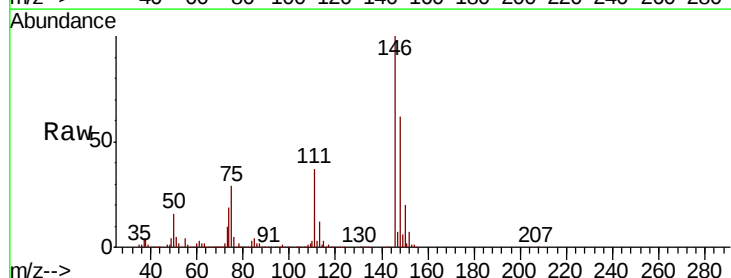
Instrument :
 MSVOA_W
 ClientSampled :

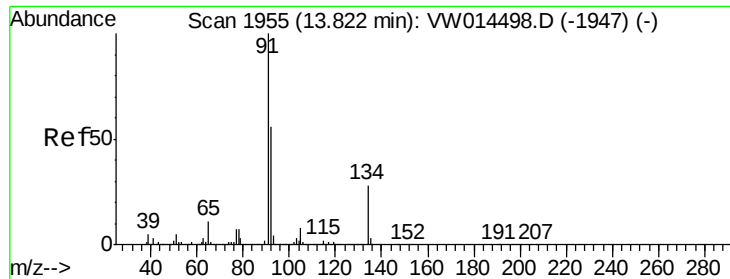
Tot Ion:146 Resp: 731678
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.679 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion:146 Resp: 710517
 Ion Ratio Lower Upper
 146 100
 111 38.5 18.7 56.1
 148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 54.320 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014718.D

Acq: 23 Jan 2020 10:18

Instrument :

MSVOA_W

ClientSampled :

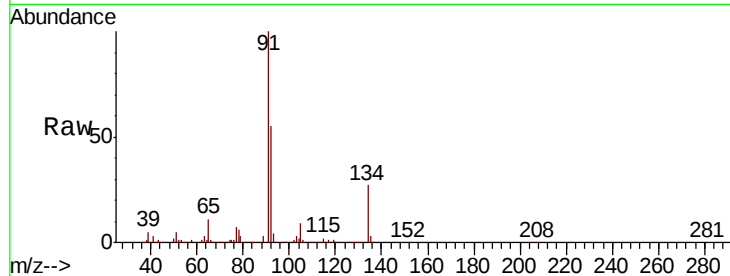
Tot Ion: 91 Resp: 1471074

Ion Ratio Lower Upper

91 100

92 54.7 27.5 82.5

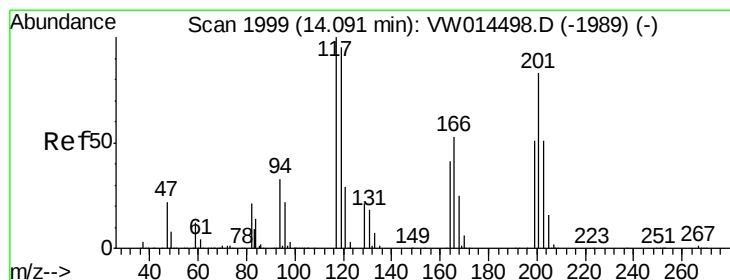
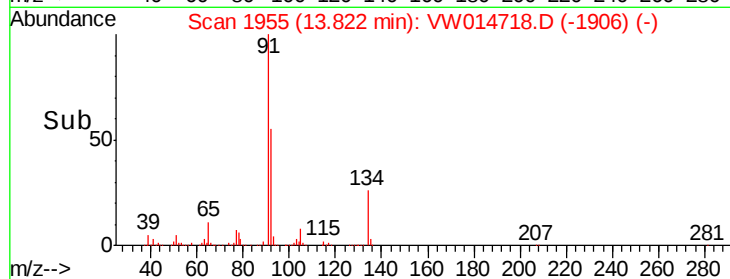
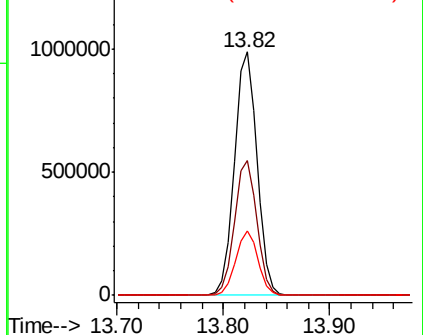
134 26.2 13.7 41.1



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: 52.547 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014718.D

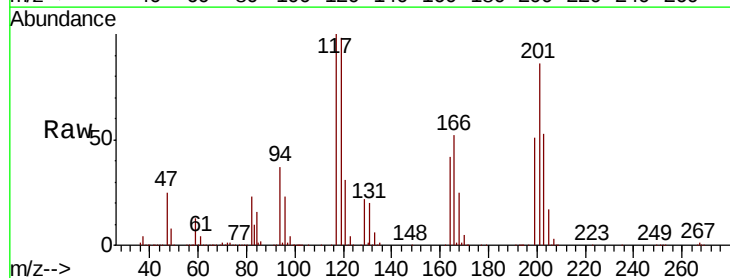
Acq: 23 Jan 2020 10:18

Tgt Ion: 117 Resp: 267702

Ion Ratio Lower Upper

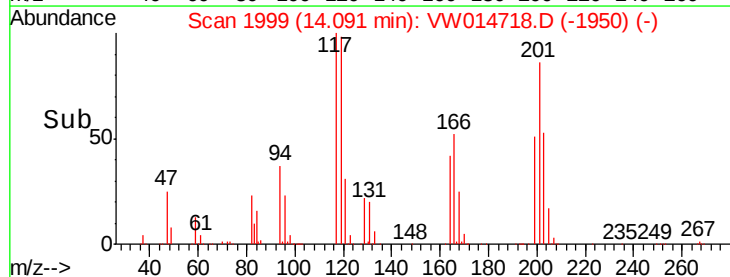
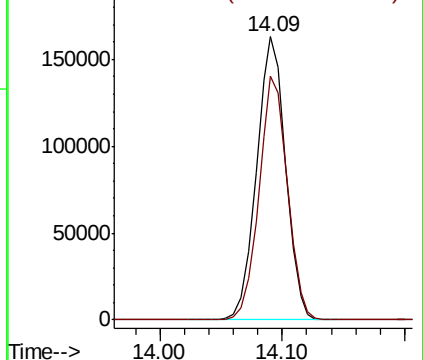
117 100

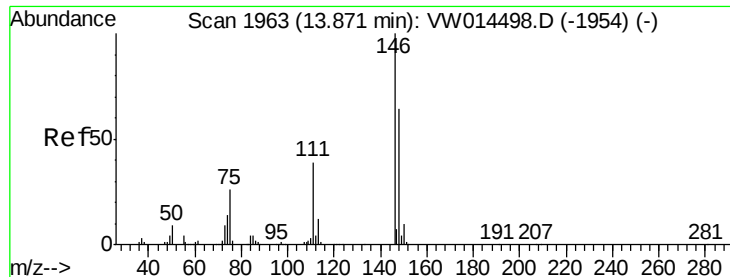
201 84.6 43.0 128.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

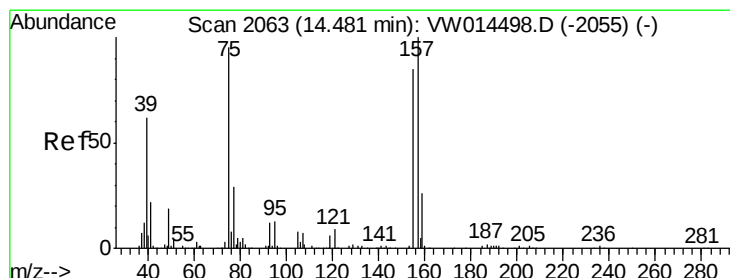
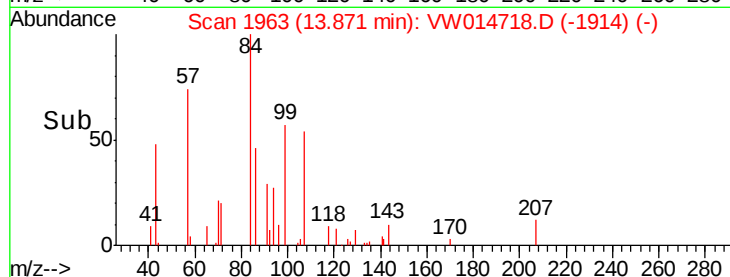
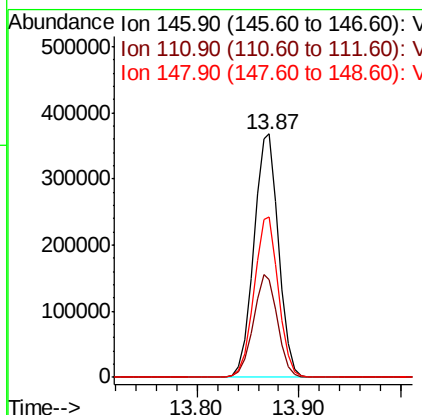
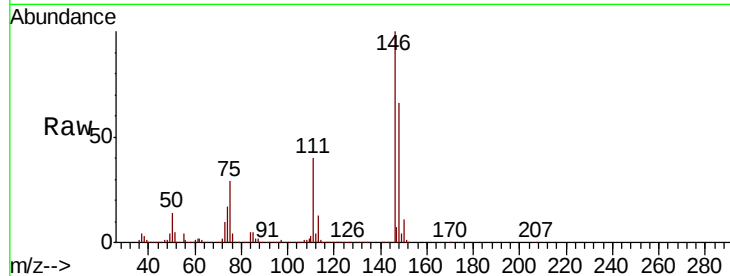




#91
 1,2-Dichlorobenzene
 Concen: 49.824 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

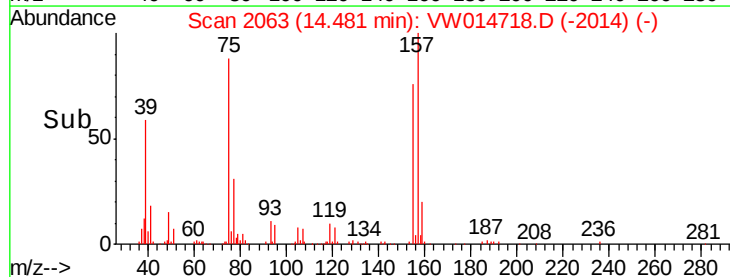
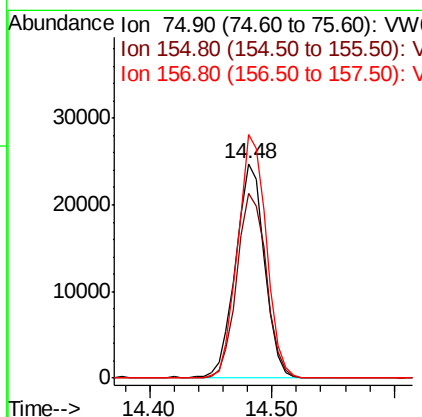
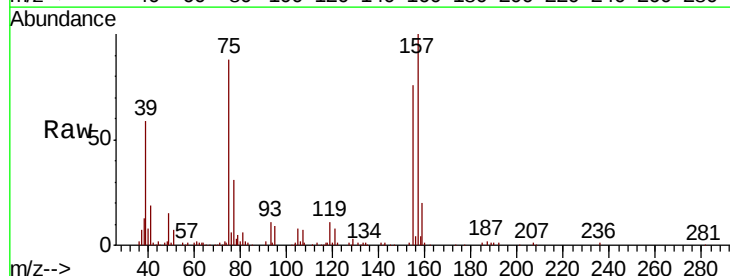
Instrument :
 MSVOA_W
 ClientSampleId :

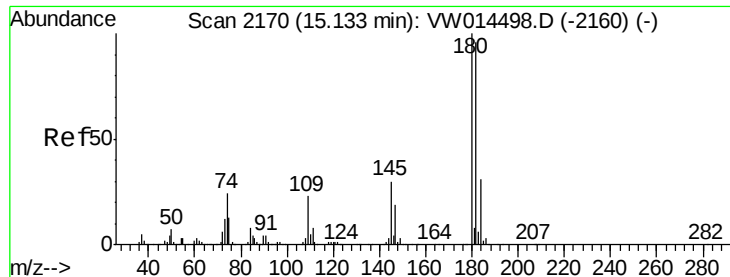
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	65.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.117 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	45.8	137.4
157	112.1	58.1	174.2

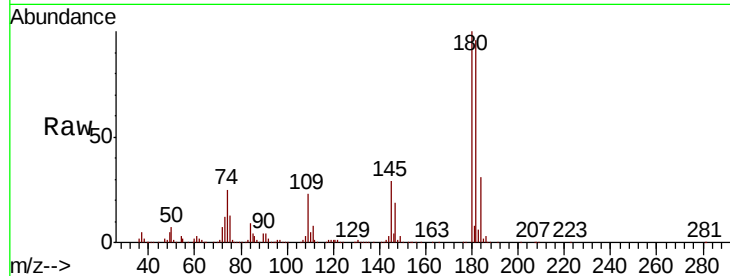




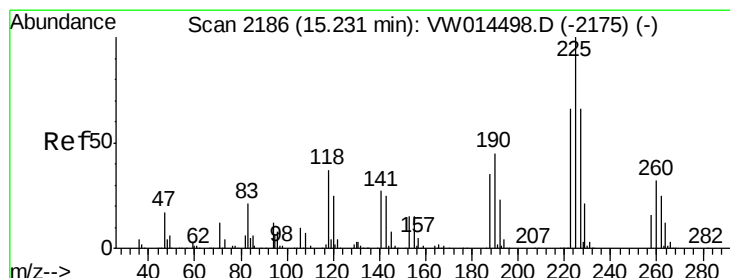
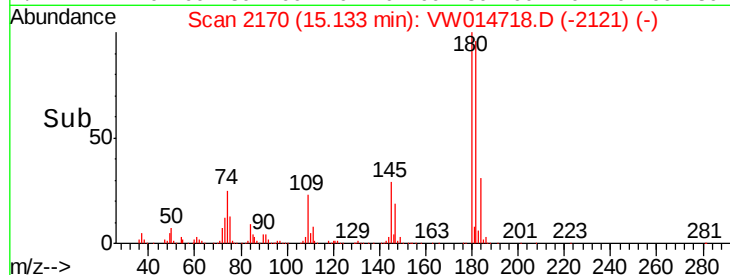
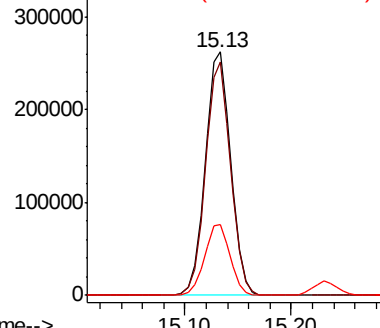
#93
 1,2,4-Trichlorobenzene
 Concen: 52.042 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	29.2	14.7	44.1

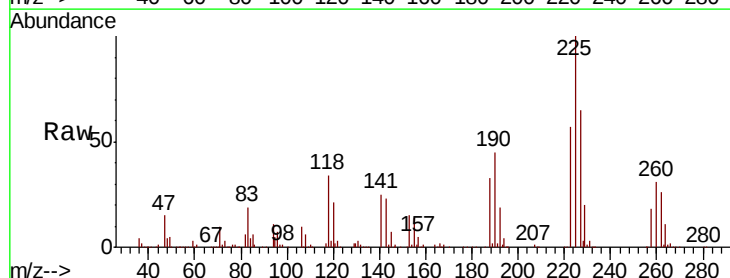


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

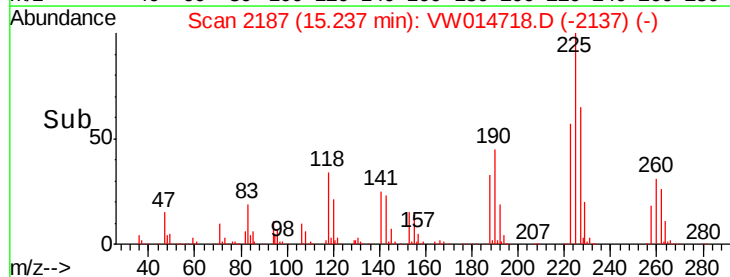
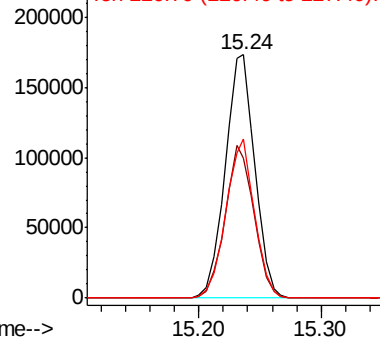


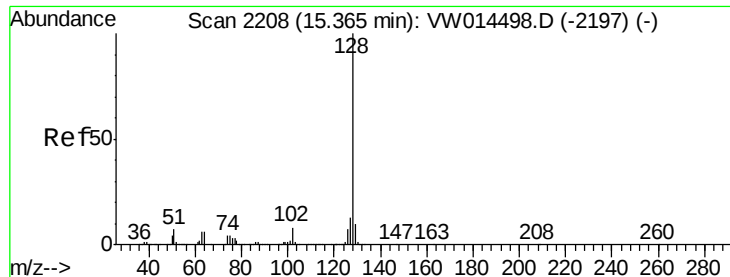
#94
 Hexachlorobutadiene
 Concen: 51.750 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014718.D
 Acq: 23 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	32.4	97.2
227	63.0	32.6	97.8



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

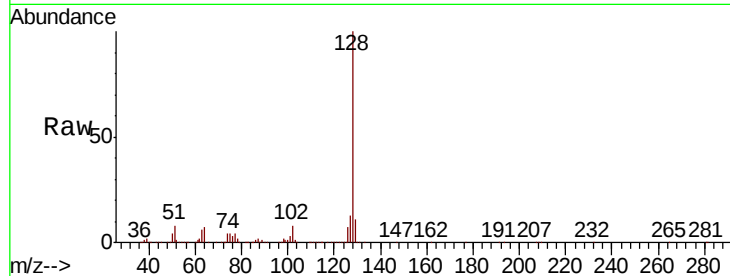




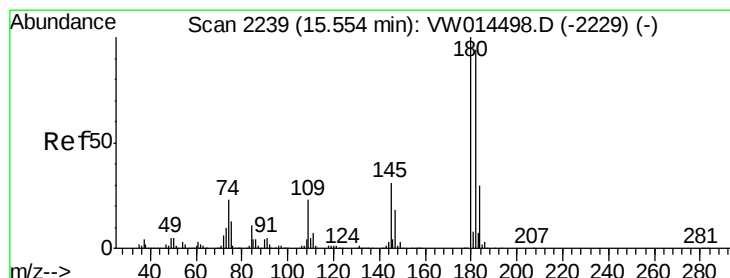
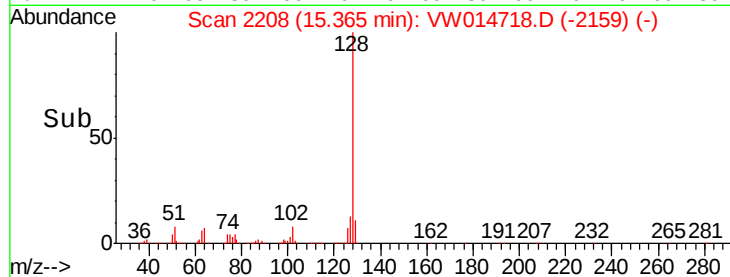
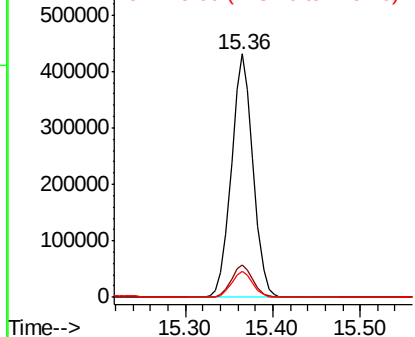
#95
Naphthalene
Concen: 51.433 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 739351
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.6 8.7 13.1

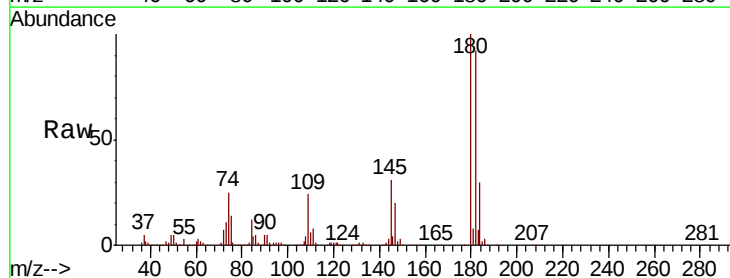


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.272 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014718.D
Acq: 23 Jan 2020 10:18

Tgt Ion:180 Resp: 384047
Ion Ratio Lower Upper
180 100
182 92.9 47.4 142.2
145 30.2 15.5 46.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

