

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012320\
 Data File : VW014728.D
 Acq On : 23 Jan 2020 17:02
 Operator : SY/VA
 Sample : L1243-03
 Misc : 8.23G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 24 04:12:44 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	528919	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	834806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	580875	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	147901	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	271823	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
35) Dibromofluoromethane	7.88	113	259172	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.32	98	905831	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
62) 4-Bromofluorobenzene	12.62	95	194416	28.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	57.58%	

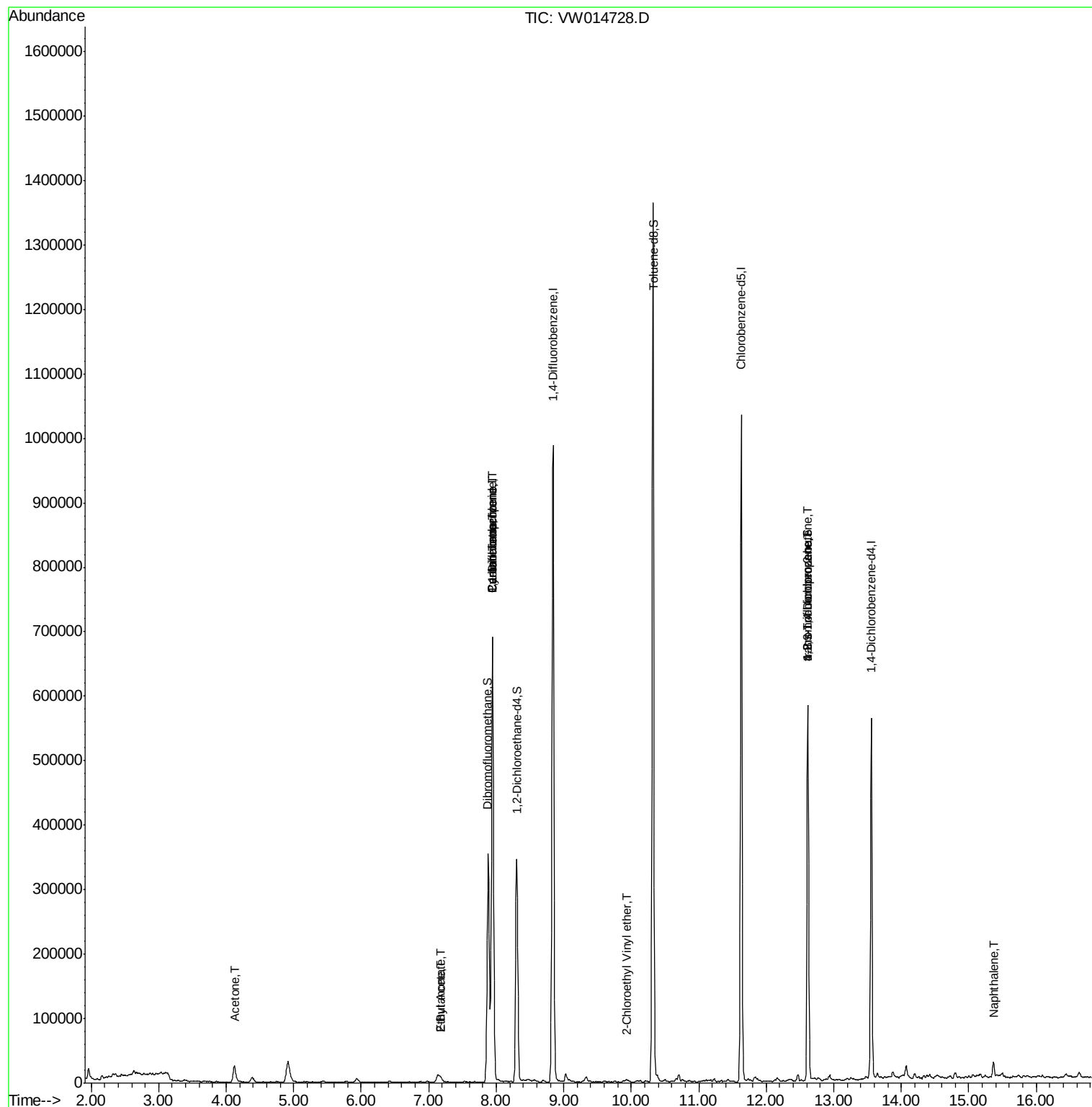
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.15	59	405	Below Cal	#	73
16) Acetone	4.12	43	46938	35.946	ug/l	94
25) 2-Butanone	7.18	43	11995	7.158	ug/l	94
31) Cyclohexane	7.94	56	11816	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	38797	4.821	ug/l #	49
37) Ethyl Acetate	7.18	43	11995	3.286	ug/l #	68
38) Carbon Tetrachloride	7.95	117	49696	7.118	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.93	63	1670	1.049	ug/l	92
76) 1,2,3-Trichloropropane	12.62	75	94746	67.754	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	94746	150.959	ug/l #	14
95) Naphthalene	15.36	128	21143	4.262	ug/l	98

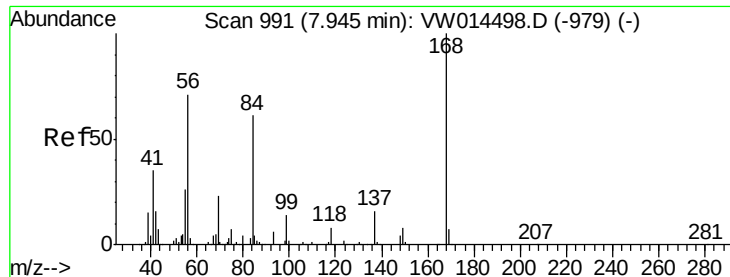
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014728.D

Acq: 23 Jan 2020 17:02

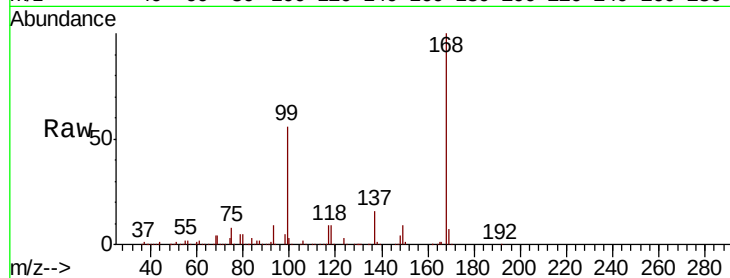
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 528919

Ion Ratio Lower Upper

168 100

99 56.0 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

250000

200000

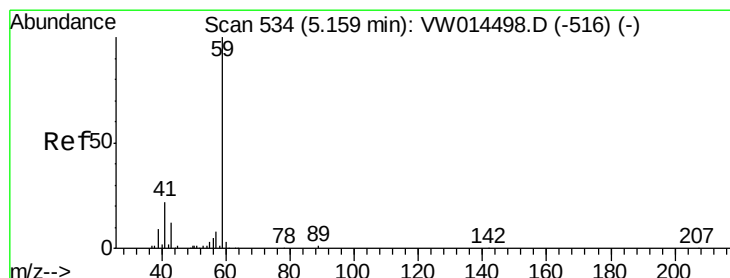
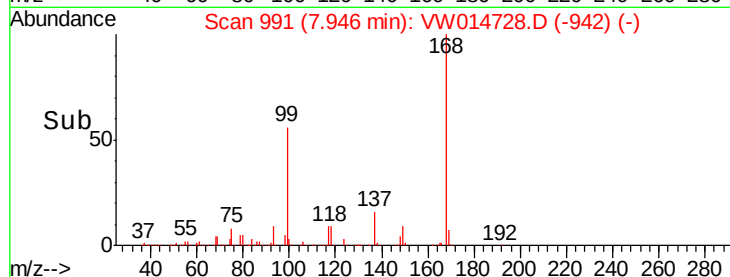
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.15 min Scan# 532

Delta R.T. -0.01 min

Lab File: VW014728.D

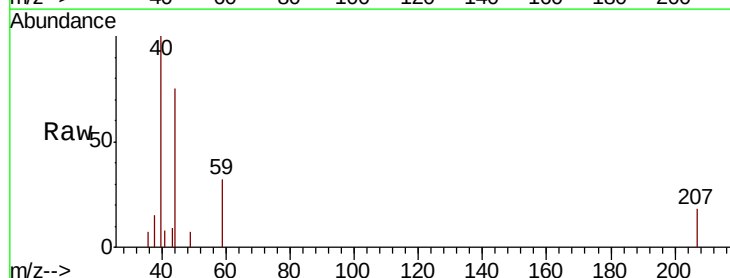
Acq: 23 Jan 2020 17:02

Tgt Ion: 59 Resp: 405

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

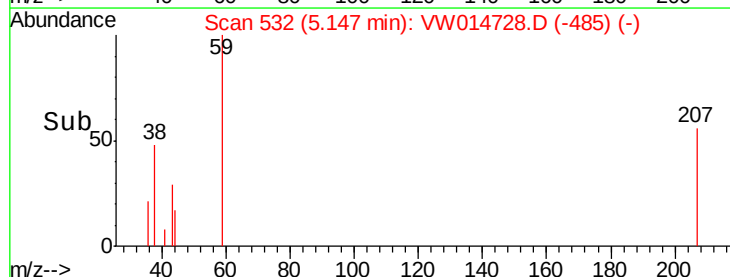
300

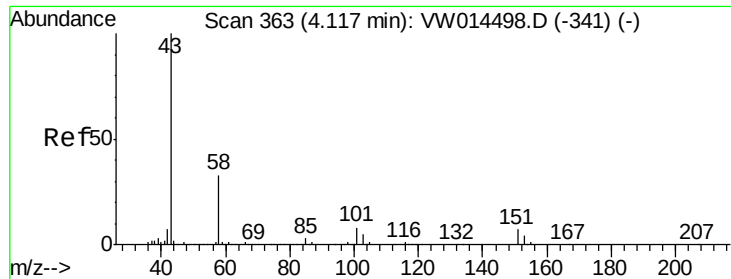
200

100

0

Time--> 5.10 5.12 5.14 5.16





#16

Acetone

Concen: 35.946 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014728.D

Acq: 23 Jan 2020 17:02

Instrument :

MSVOA_W

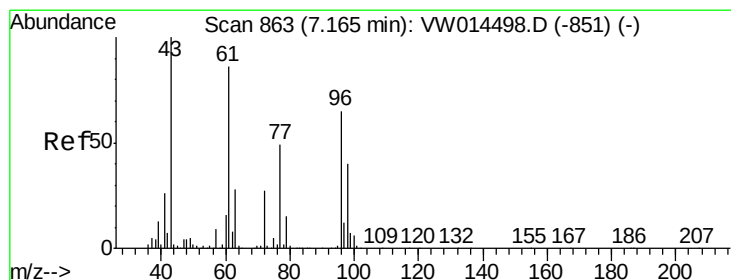
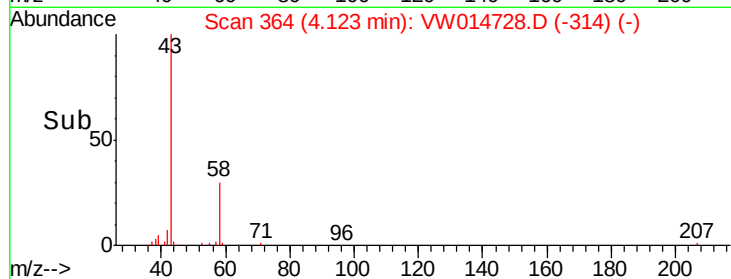
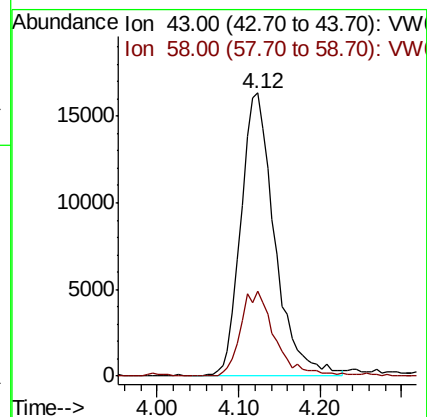
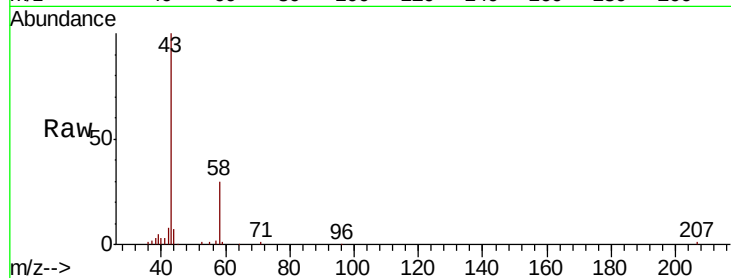
ClientSampled :

Tot Ion: 43 Resp: 46938

Ion Ratio Lower Upper

43 100

58 29.8 26.6 39.8



#25

2-Butanone

Concen: 7.158 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.02 min

Lab File: VW014728.D

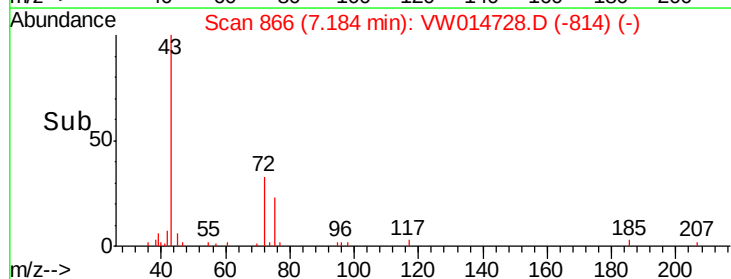
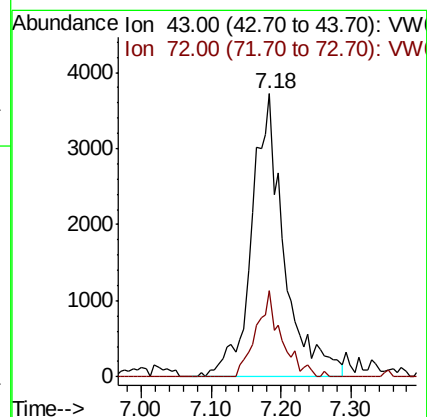
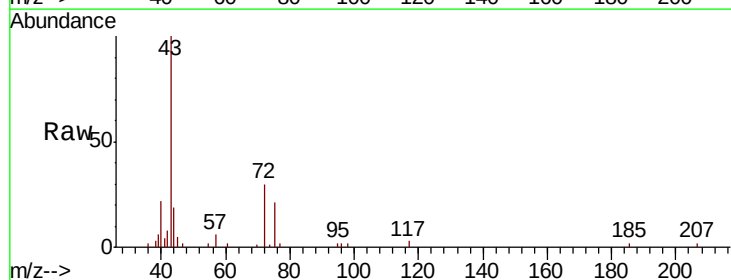
Acq: 23 Jan 2020 17:02

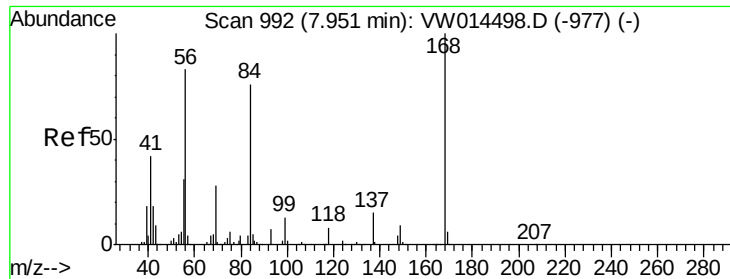
Tgt Ion: 43 Resp: 11995

Ion Ratio Lower Upper

43 100

72 30.5 21.9 32.9

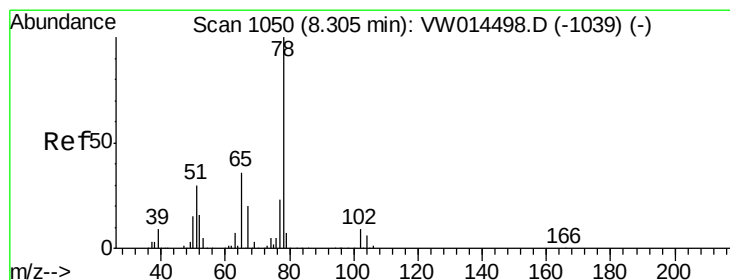
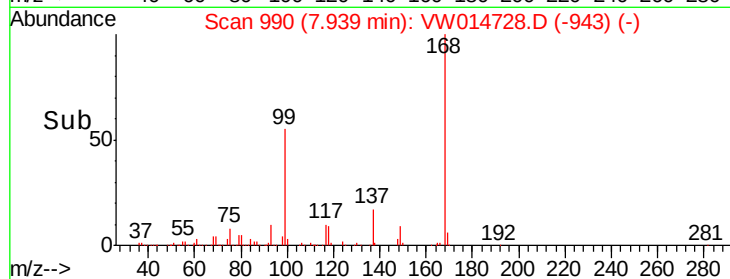
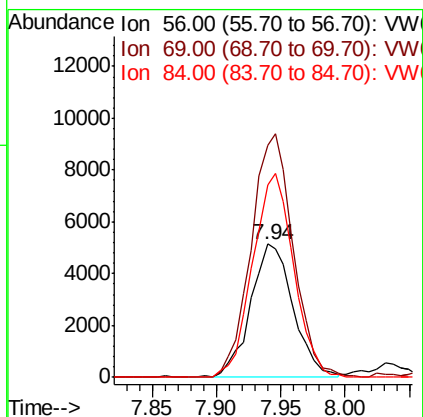
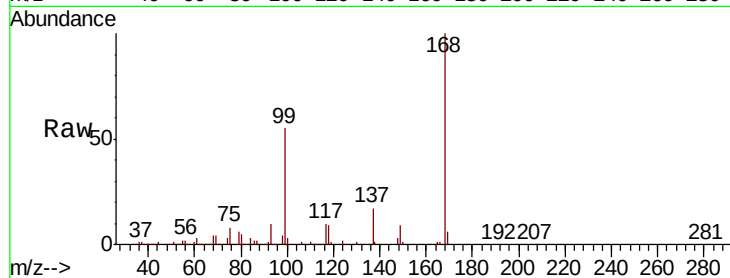




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

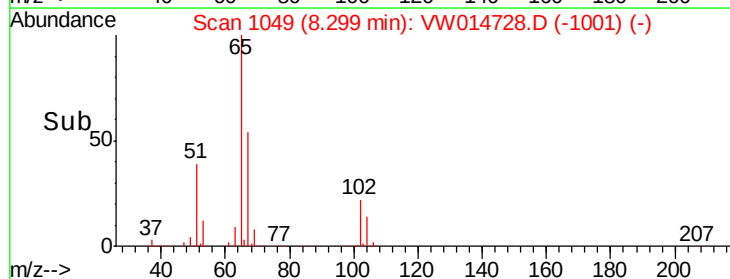
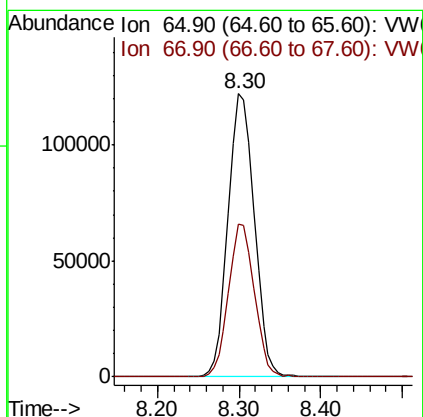
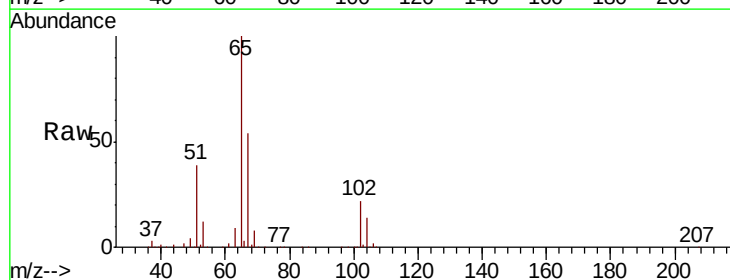
Instrument :
MSVOA_W
ClientSampled :

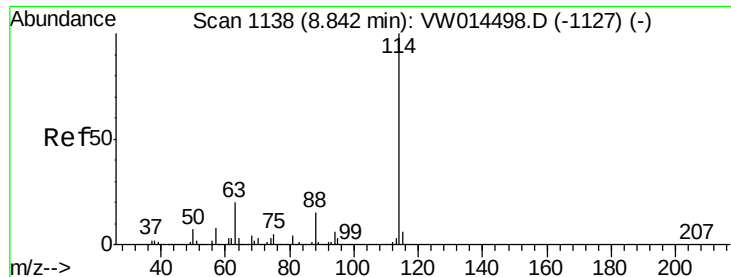
Tot Ion: 56 Resp: 11816
Ion Ratio Lower Upper
56 100
69 174.2 26.8 40.2#
84 144.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 58.780 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

Tgt Ion: 65 Resp: 271823
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4

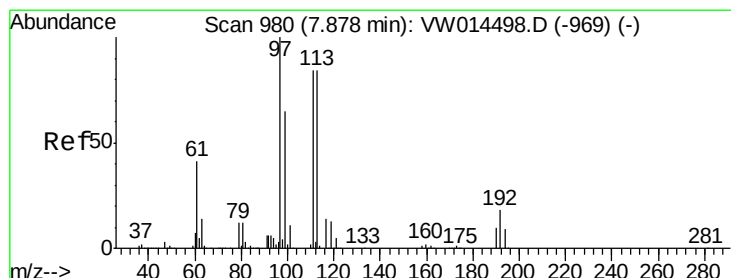
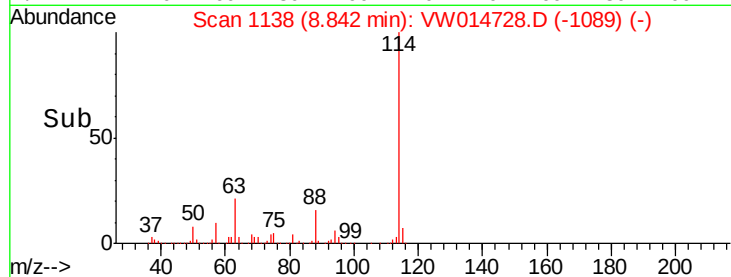
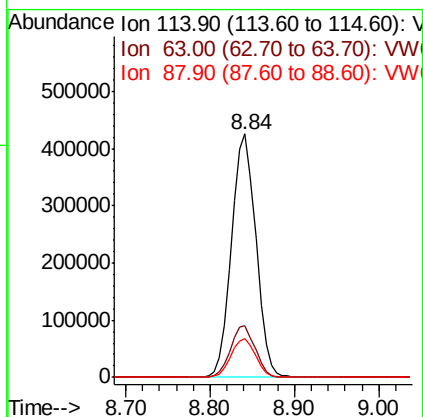
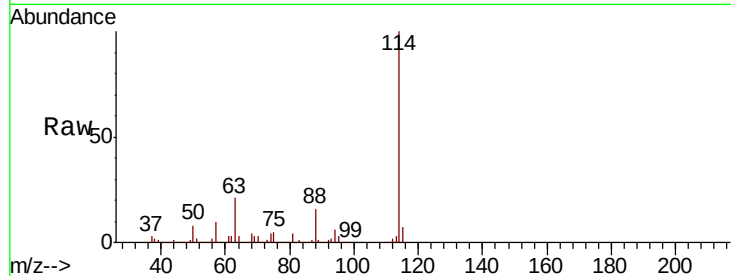




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

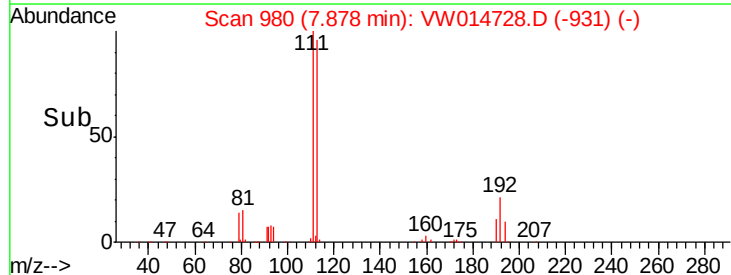
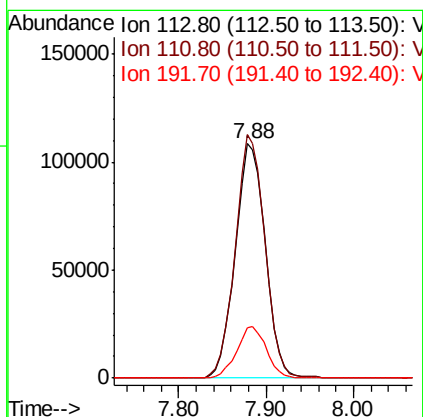
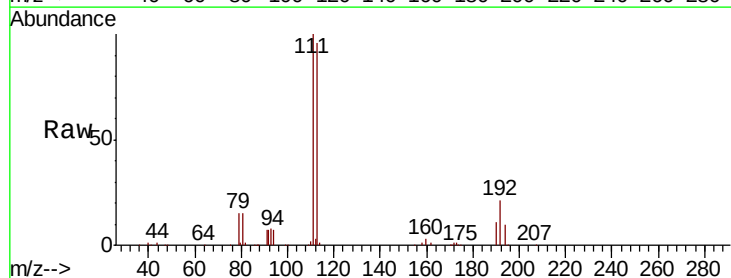
Instrument :
 MSVOA_W
 ClientSampled :

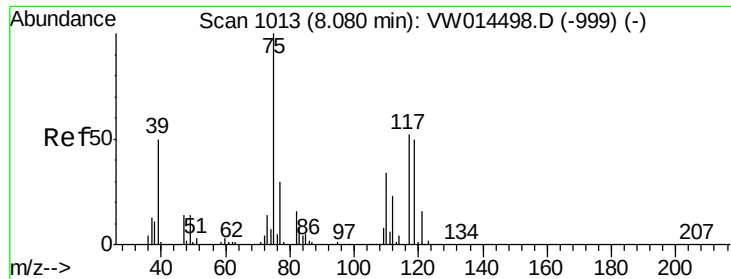
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	15.8	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 54.322 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	21.6	17.8	26.8

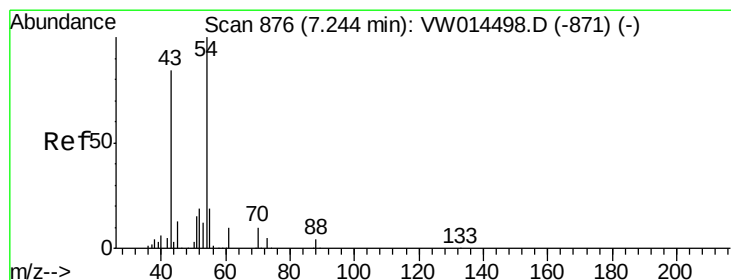
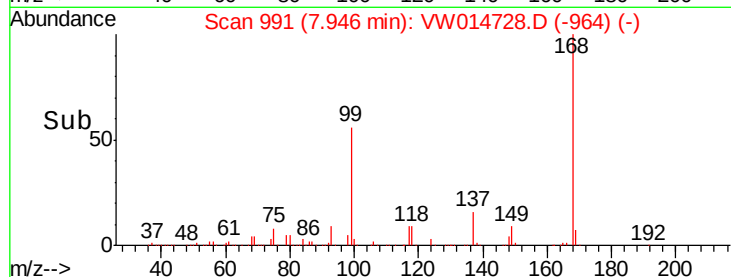
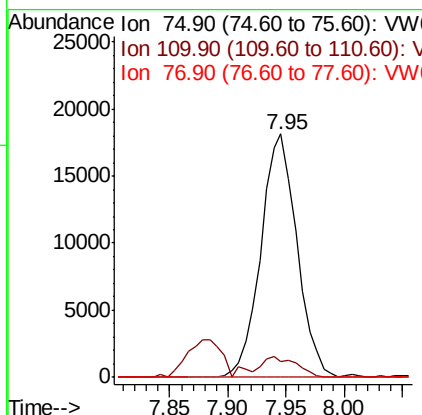
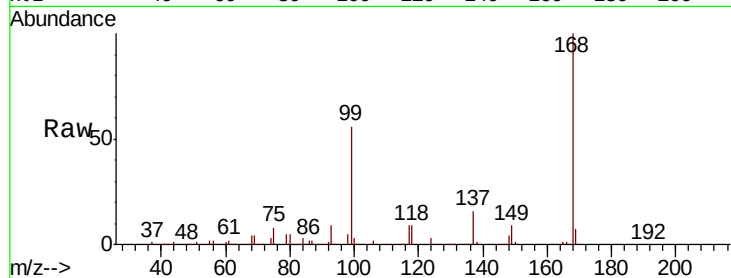




#36
 1,1-Dichloropropene
 Concen: 4.821 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

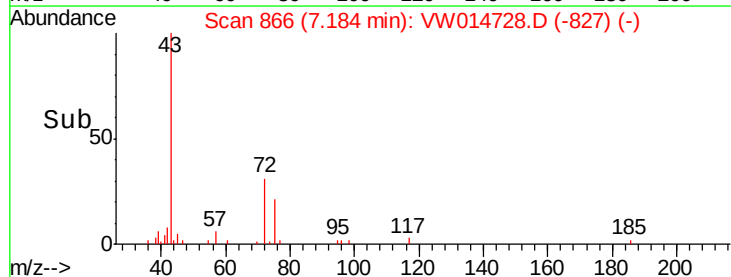
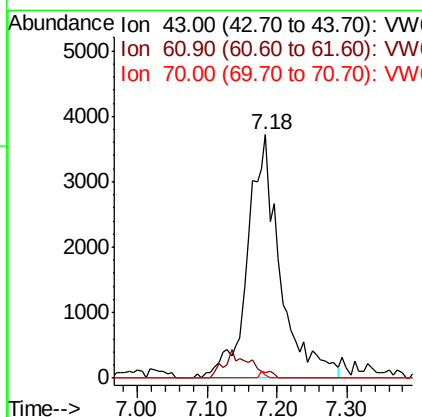
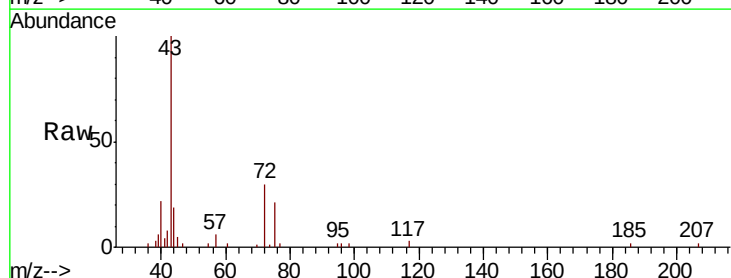
Instrument :
 MSVOA_W
 ClientSampled :

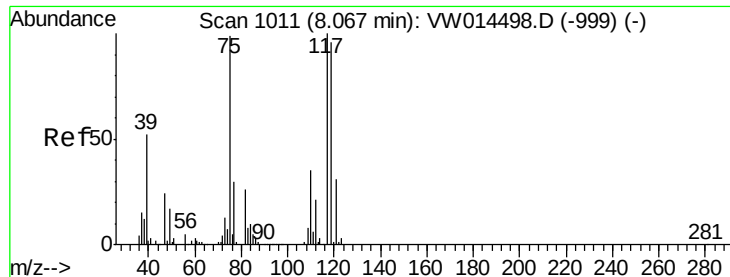
Tot Ion	75	Resp	38797
Ion Ratio	Lower	Upper	
75	100		
110	8.3	17.8	53.5#
77	0.1	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 3.286 ug/l
 RT: 7.18 min Scan# 866
 Delta R.T. -0.06 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

Tgt Ion	43	Resp	11995
Ion Ratio	Lower	Upper	
43	100		
61	0.0	11.7	17.5#
70	0.4	9.0	13.6#

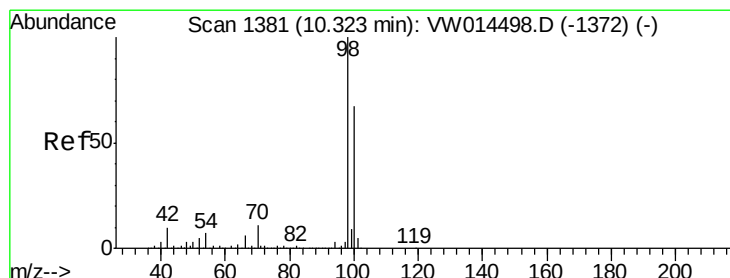
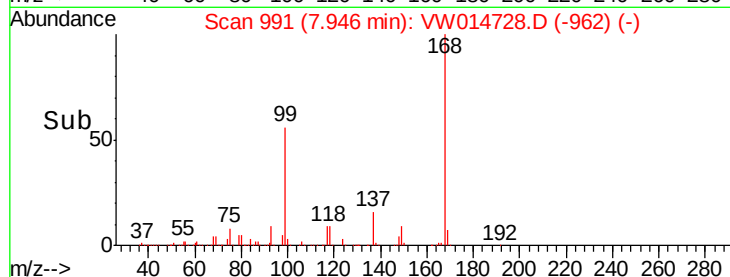
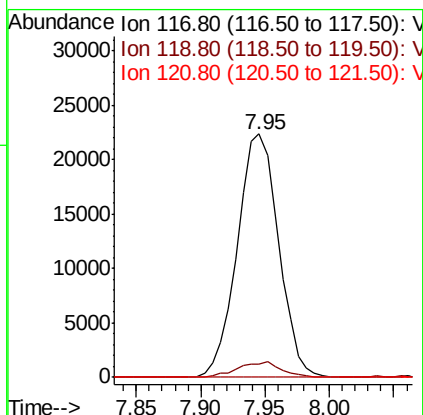
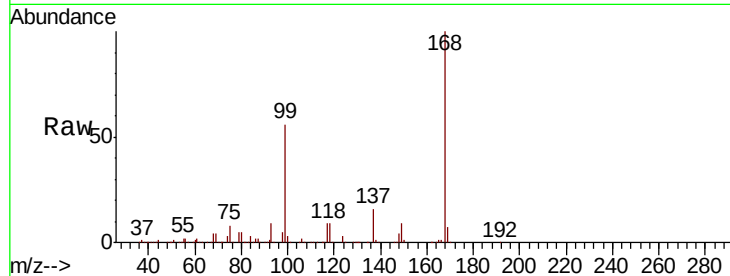




#38
Carbon Tetrachloride
Concen: 7.118 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

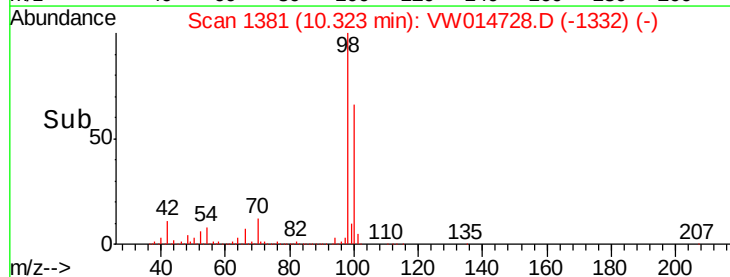
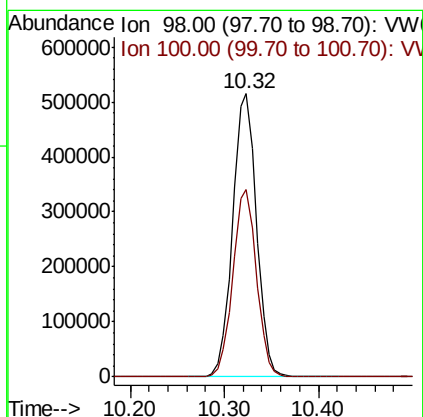
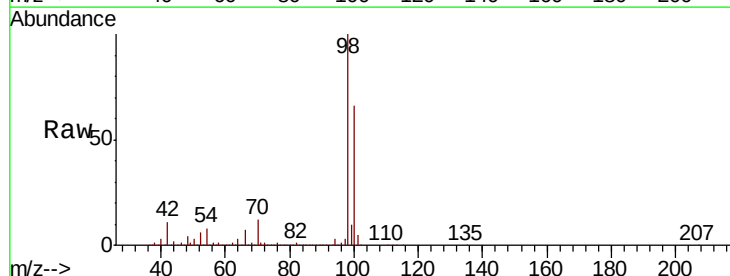
Instrument :
MSVOA_W
ClientSampleId :

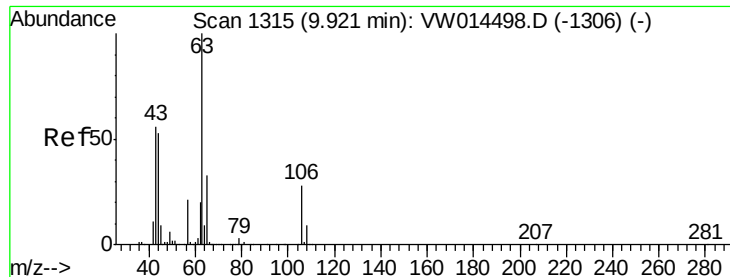
Tot Ion:117 Resp: 49696
Ion Ratio Lower Upper
117 100
119 5.2 77.0 115.6#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 45.494 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

Tgt Ion: 98 Resp: 905831
Ion Ratio Lower Upper
98 100
100 65.4 53.8 80.6

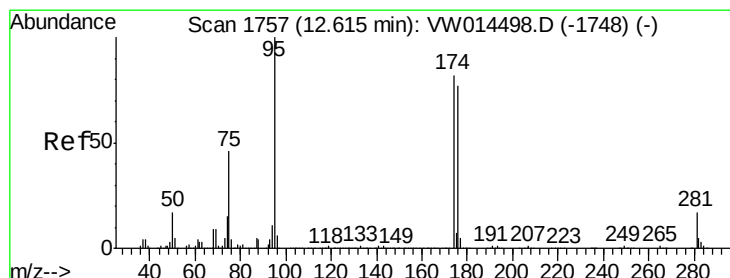
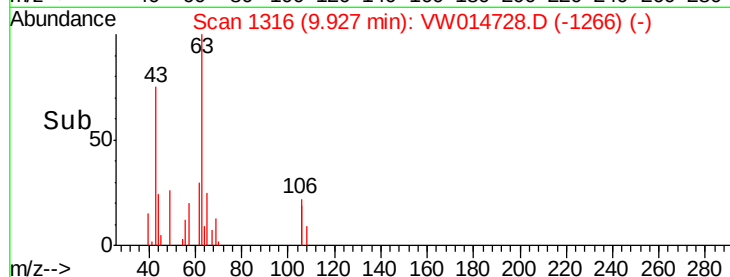
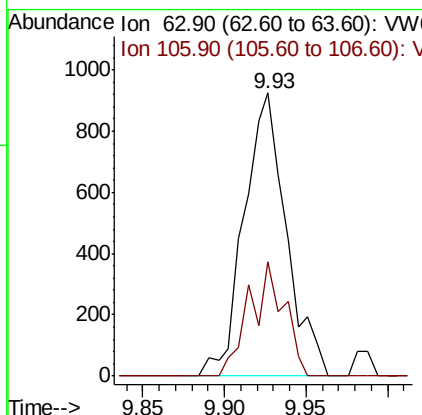
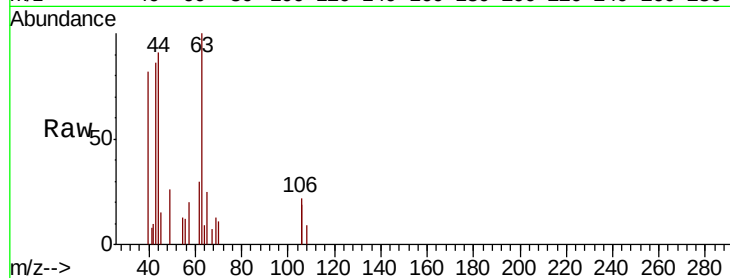




#58
 2-Chloroethyl Vinyl ether
 Concen: 1.049 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

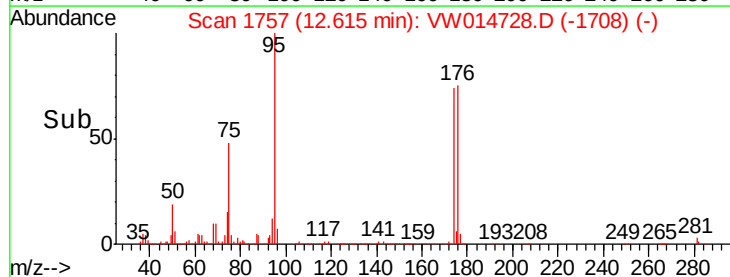
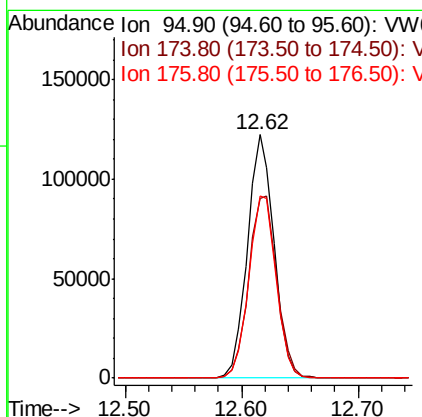
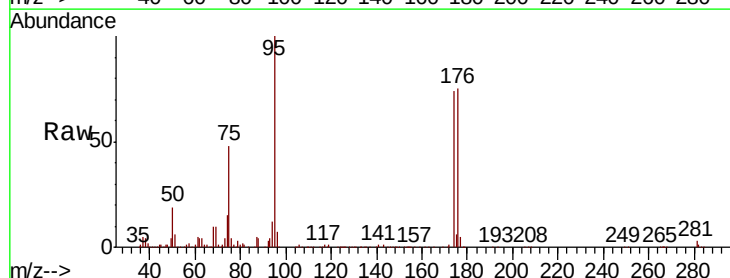
Instrument :
 MSVOA_W
 ClientSampleId :

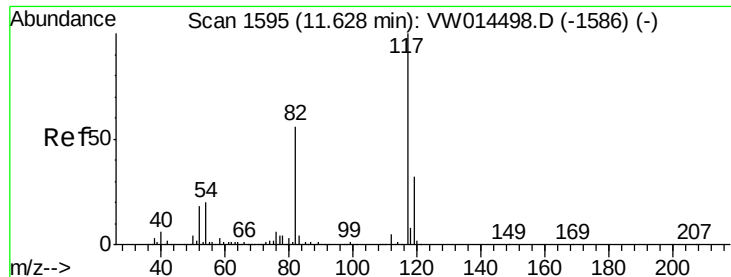
Tot Ion: 63 Resp: 1670
 Ion Ratio Lower Upper
 63 100
 106 33.1 23.0 34.6



#62
 4-Bromofluorobenzene
 Concen: 28.787 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

Tgt Ion: 95 Resp: 194416
 Ion Ratio Lower Upper
 95 100
 174 80.0 0.0 168.6
 176 77.6 0.0 162.0

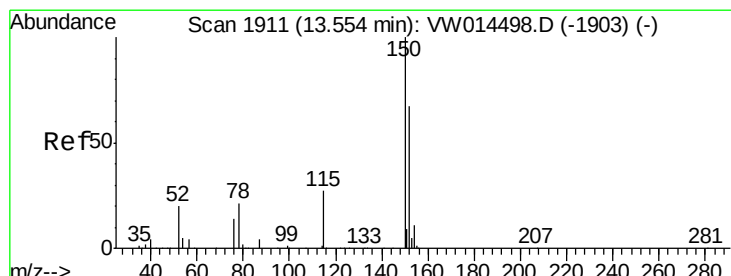
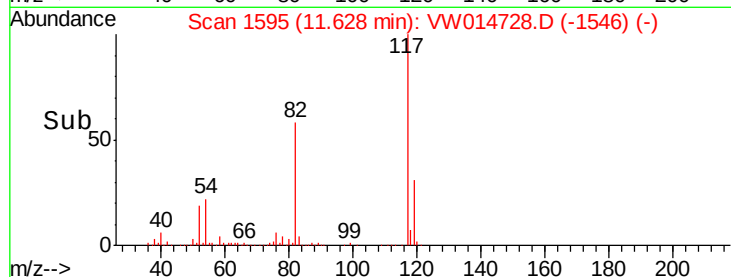
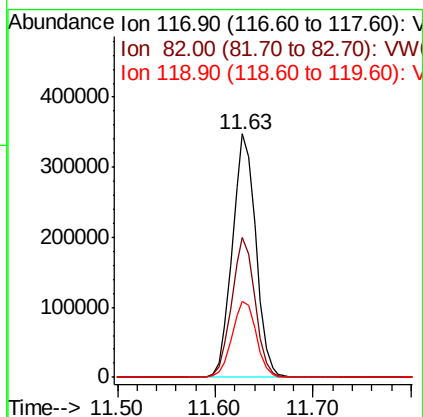
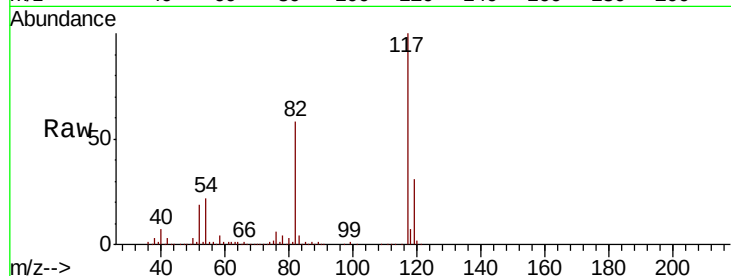




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

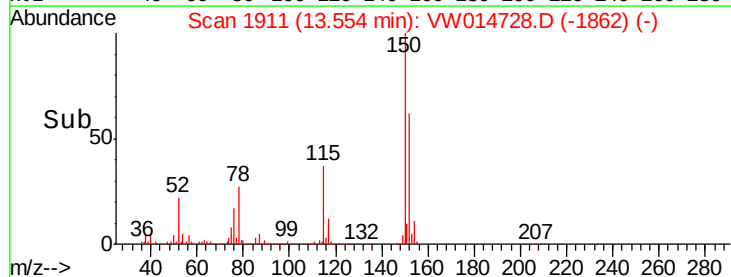
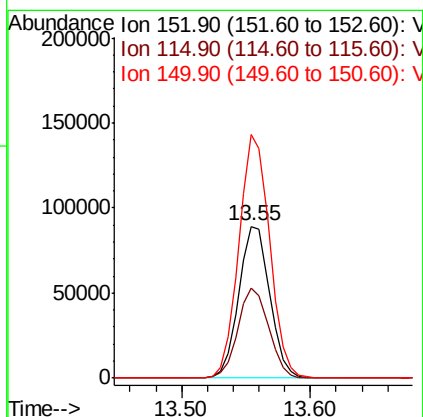
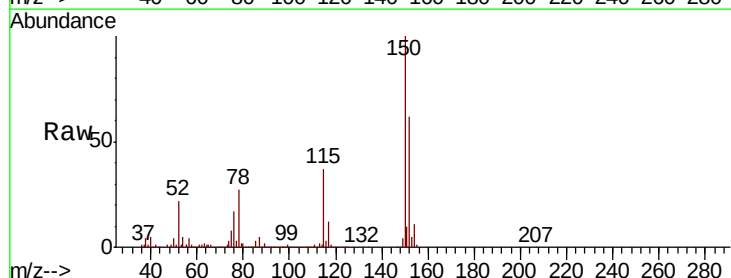
Instrument :
MSVOA_W
ClientSampled :

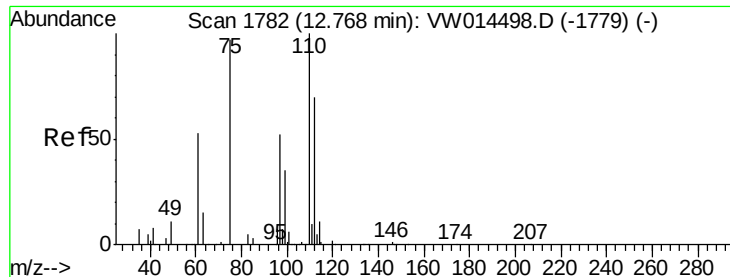
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.6	67.0
119	31.5	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW014728.D
Acq: 23 Jan 2020 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	27.7	83.1
150	159.8	0.0	343.4





#76

1,2,3-Trichloropropane

Concen: 67.754 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW014728.D

Acq: 23 Jan 2020 17:02

Instrument :

MSVOA_W

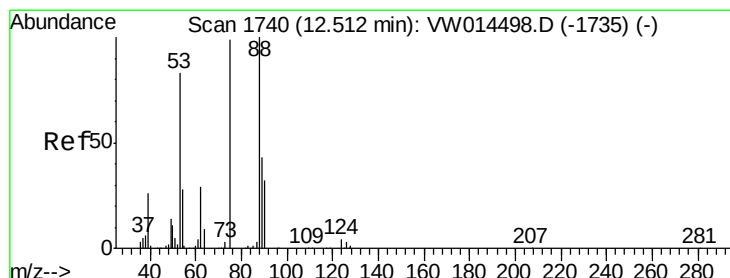
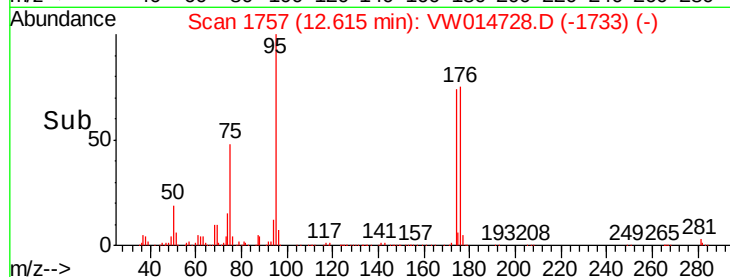
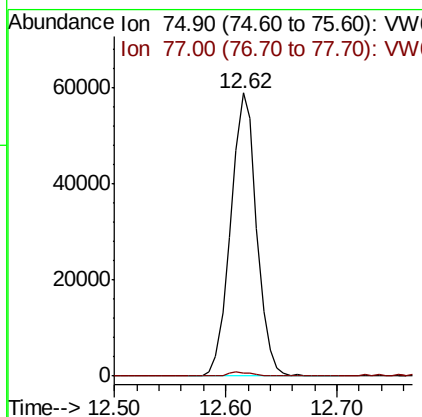
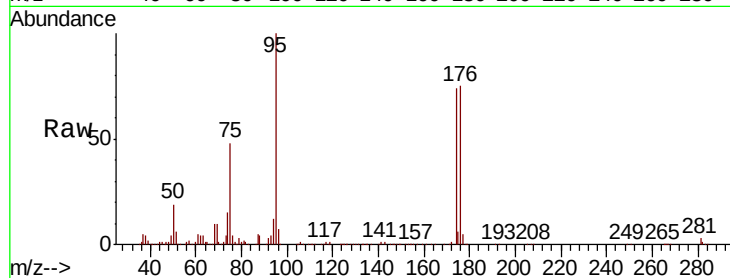
ClientSampleId :

Tot Ion: 75 Resp: 94746

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.959 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW014728.D

Acq: 23 Jan 2020 17:02

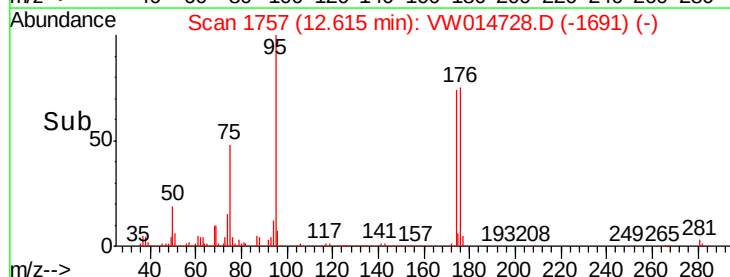
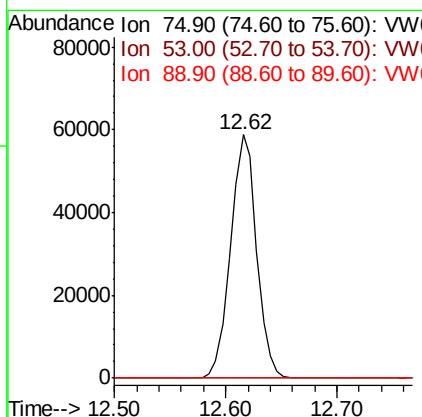
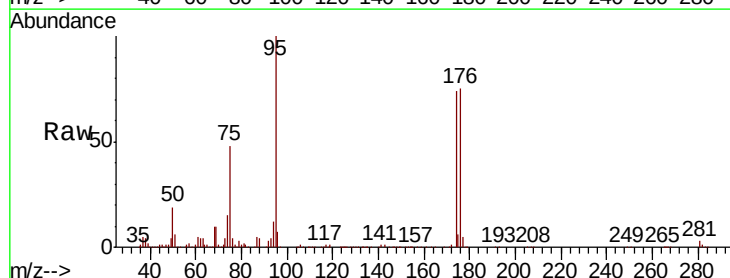
Tgt Ion: 75 Resp: 94746

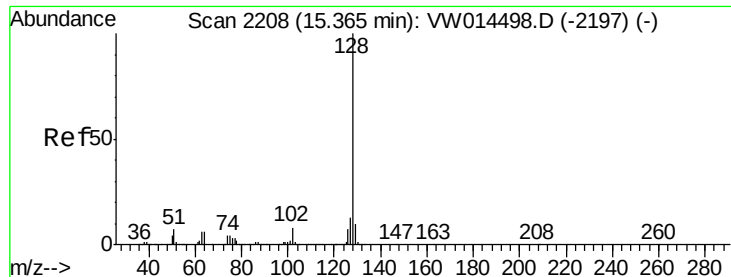
Ion Ratio Lower Upper

75 100

53 0.5 70.9 106.3#

89 0.0 35.8 53.8#

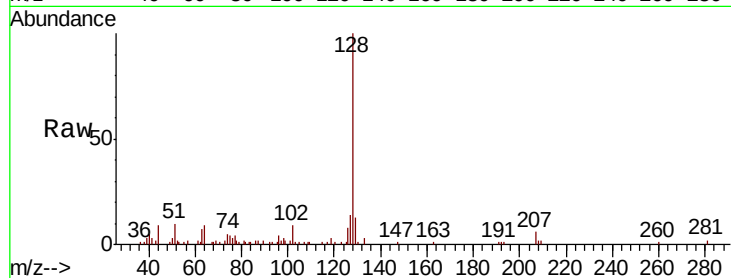




#95
 Naphthalene
 Concen: 4.262 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW014728.D
 Acq: 23 Jan 2020 17:02

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	12.2	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

