

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004323.D
 Acq On : 29 Jul 2018 19:32
 Operator : SY/AP
 Sample : J4095-07RE
 Misc : 8.39G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 30 04:34:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	216809	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	195684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	97444	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	72637	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
35) Dibromofluoromethane	7.88	113	66069	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	10.33	98	239554	44.24	ug/l	0.00
Spiked Amount			Recovery	=	88.48%	
62) 4-Bromofluorobenzene	12.62	95	80767	42.36	ug/l	0.00
Spiked Amount			Recovery	=	84.72%	

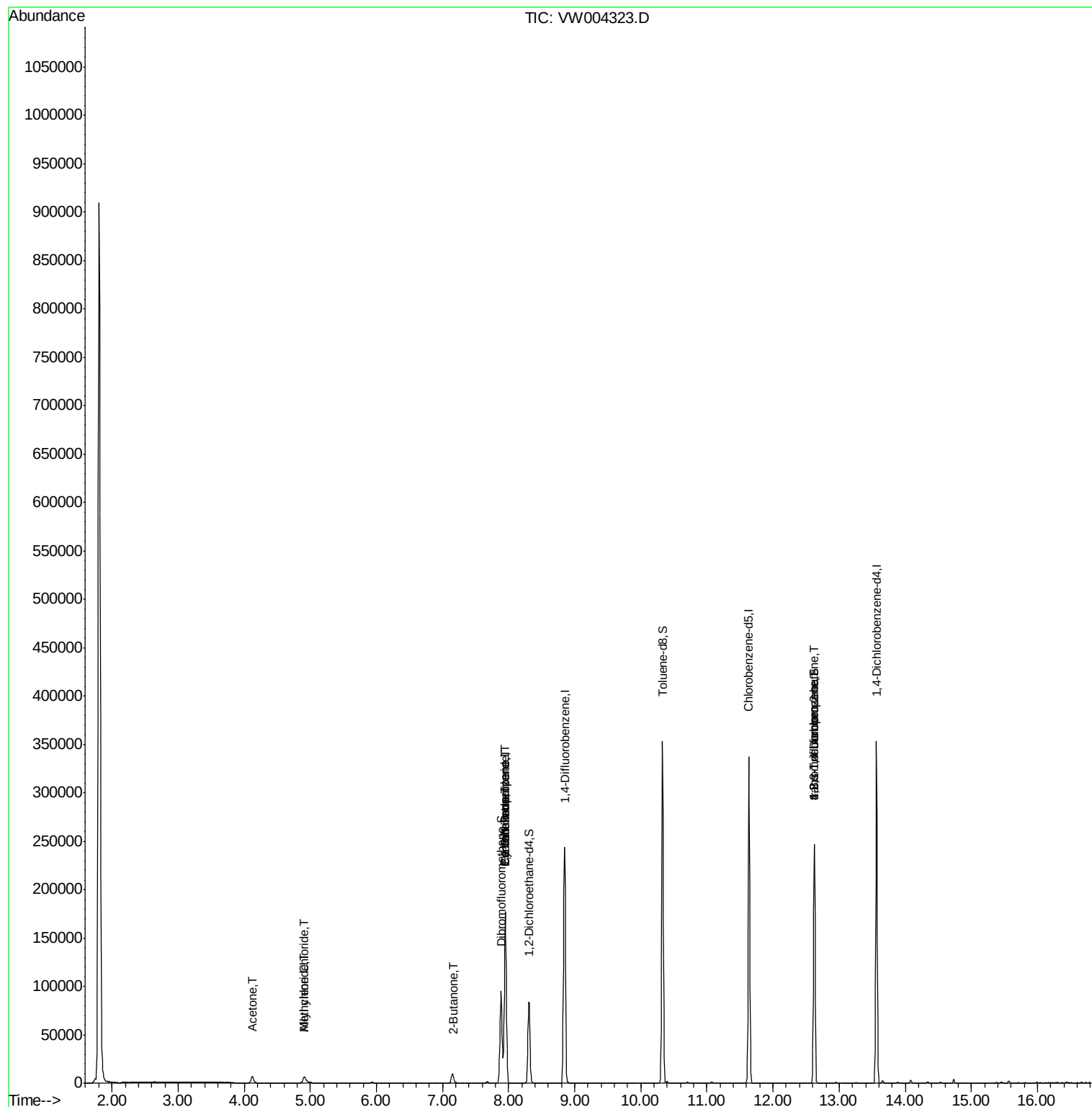
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.32	50	23	Below Cal	#	44
5) Bromomethane	2.65	94	19	Below Cal	#	4
6) Chloroethane	2.89	64	22	Below Cal	#	45
11) Tert butyl alcohol	5.17	59	136	Below Cal	#	72
14) Allyl chloride	4.92	41	67	1.539	ug/l #	25
16) Acetone	4.12	43	12146	45.393	ug/l #	87
20) Methylene Chloride	4.91	84	6178	3.108	ug/l	95
25) 2-Butanone	7.18	43	486	1.236	ug/l #	50
31) Cyclohexane	7.95	56	2456	1.016	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9258	4.268	ug/l #	49
38) Carbon Tetrachloride	7.95	117	12906	6.026	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	39390	44.292	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	39390	103.062	ug/l #	11

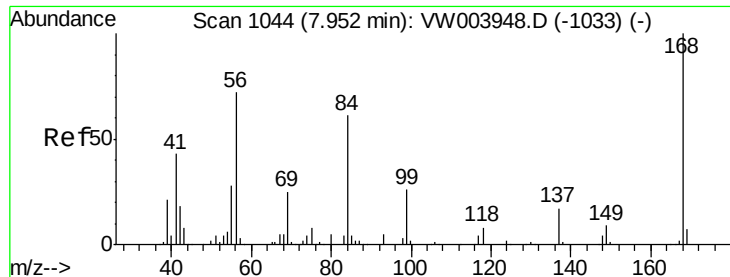
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW073018\
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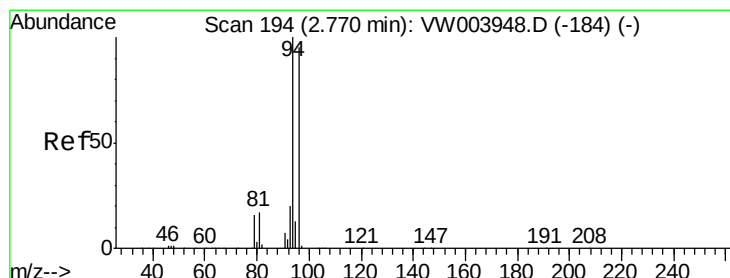
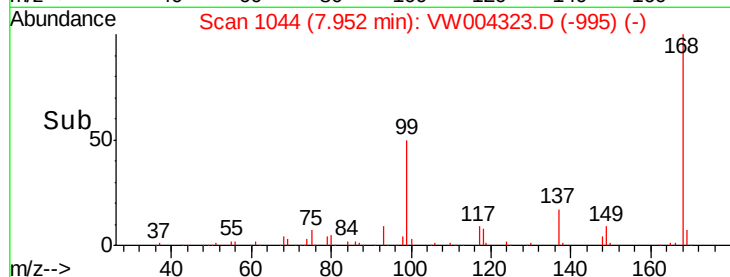
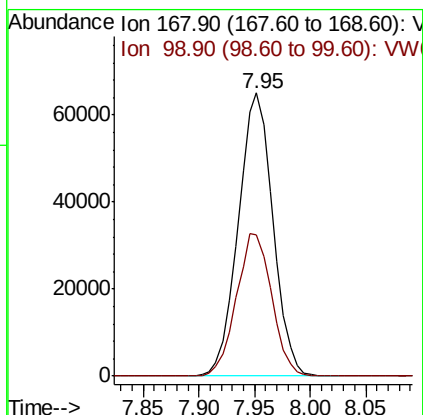
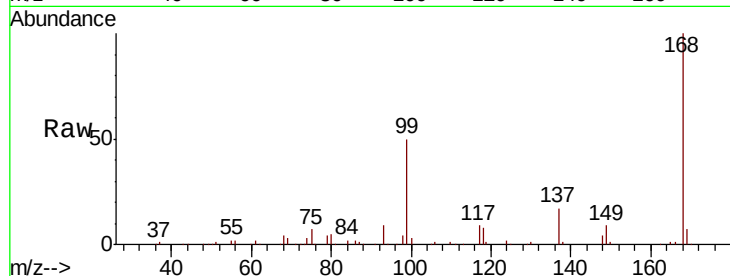




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

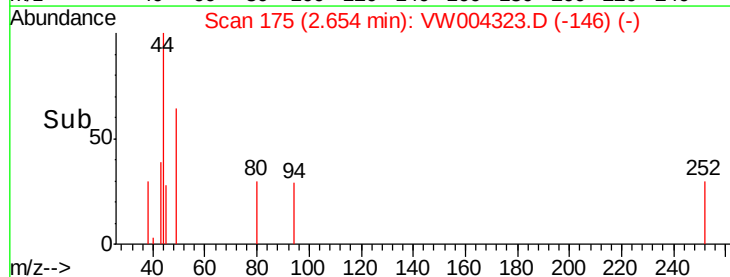
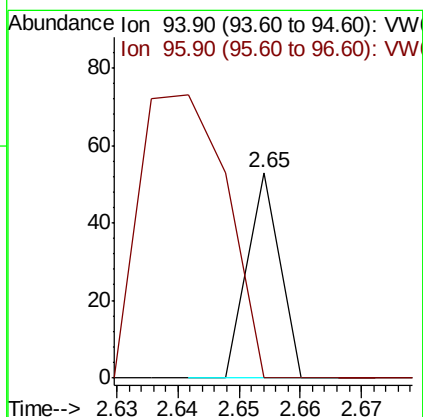
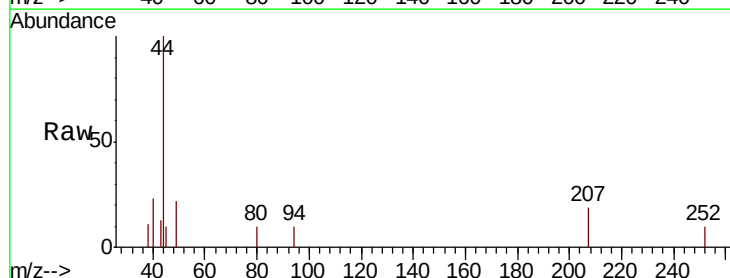
Instrument :
MSVOA_W
ClientSampled :

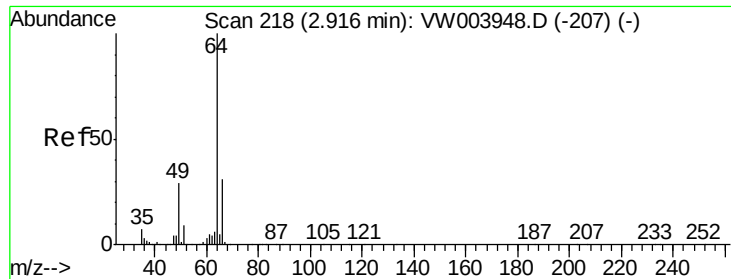
Tot Ion:168 Resp: 140335
Ion Ratio Lower Upper
168 100
99 50.1 45.0 67.4



#5
Bromomethane
Concen: Below Cal
RT: 2.65 min Scan# 175
Delta R.T. -0.12 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 73.3 109.9#

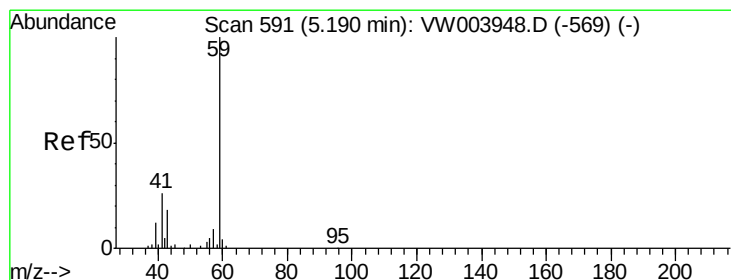
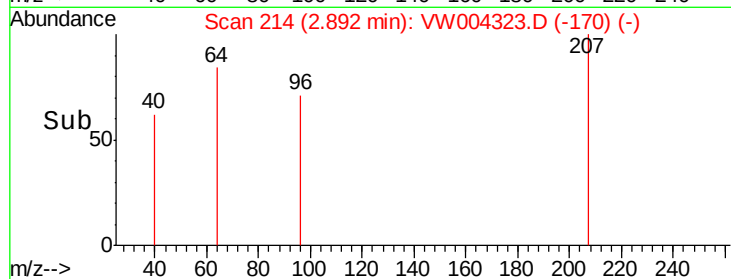
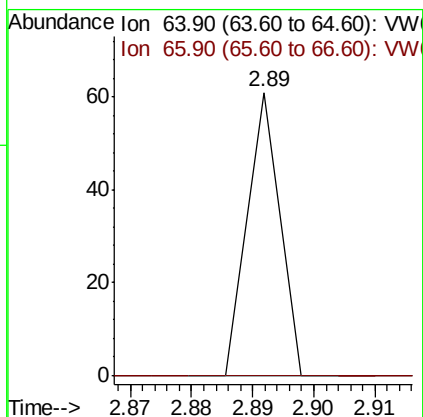
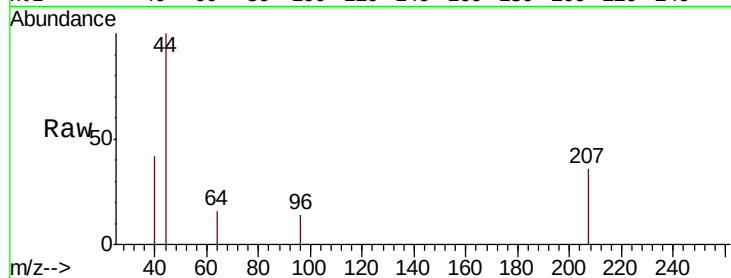




#6
Chloroethane
Concen: Below Cal
RT: 2.89 min Scan# 214
Delta R.T. -0.03 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

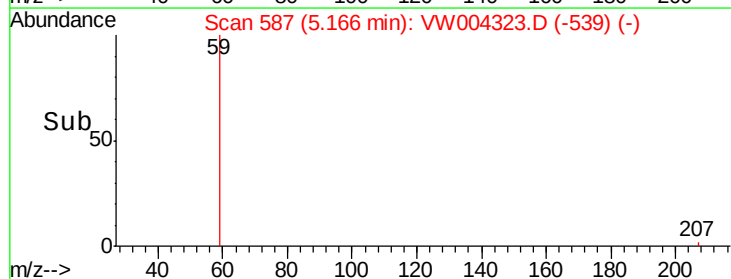
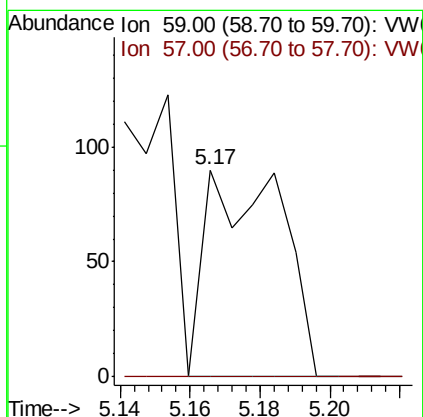
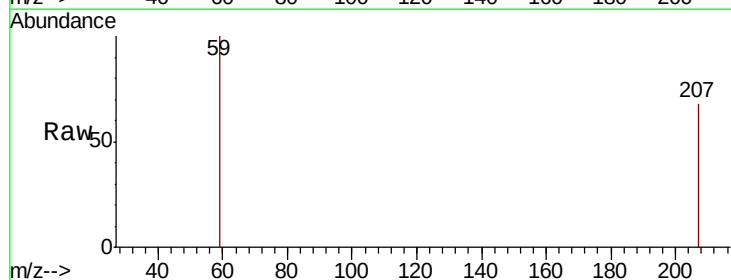
Instrument :
MSVOA_W
ClientSampled :

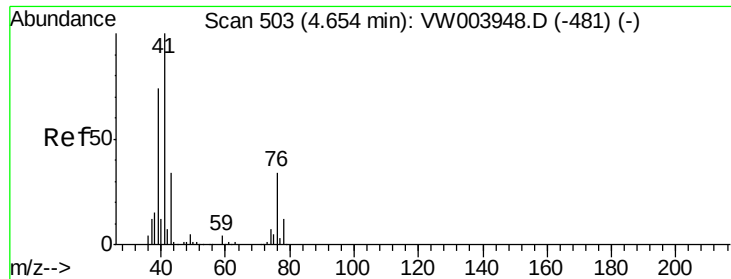
Tot Ion: 64 Resp: 22
Ion Ratio Lower Upper
64 100
66 0.0 23.7 35.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.17 min Scan# 587
Delta R.T. -0.01 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion: 59 Resp: 136
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

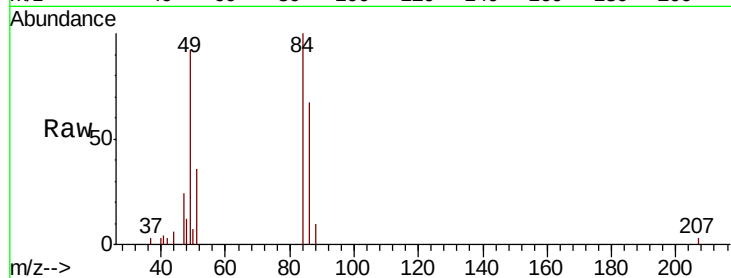




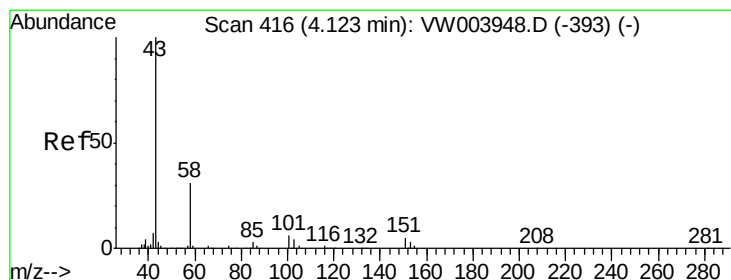
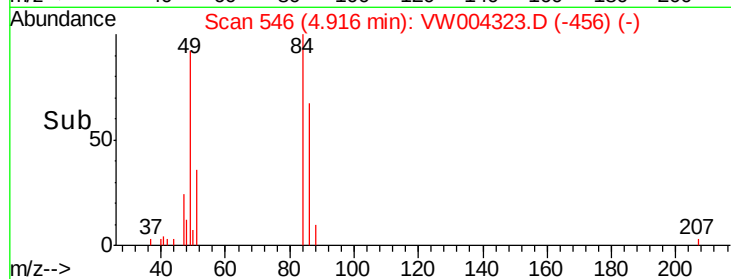
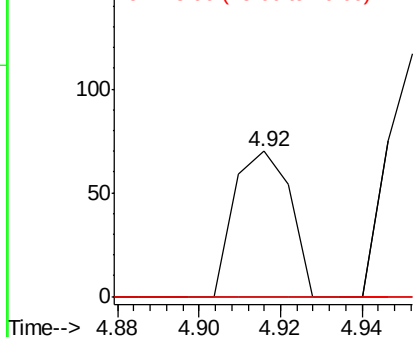
#14
Allvl chloride
Concen: 1.539 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.25 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 41 Resp: 67
Ion Ratio Lower Upper
41 100
39 0.0 52.3 78.5#
76 0.0 27.3 40.9#

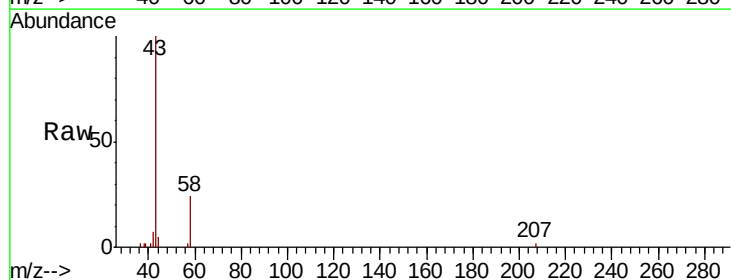


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 75.90 (75.60 to 76.60): VW

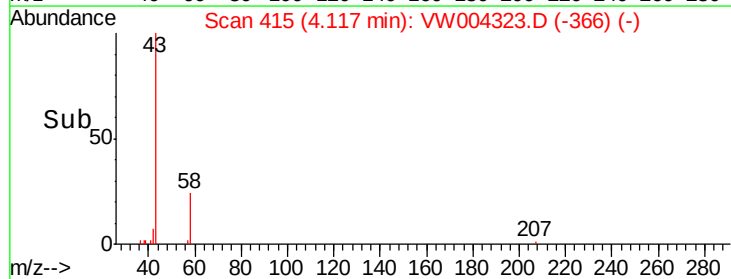
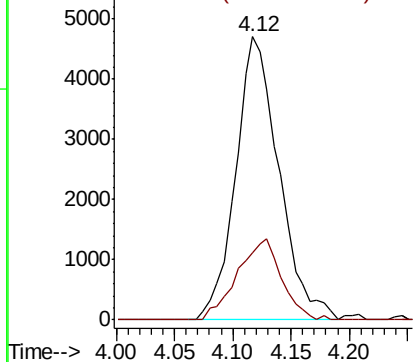


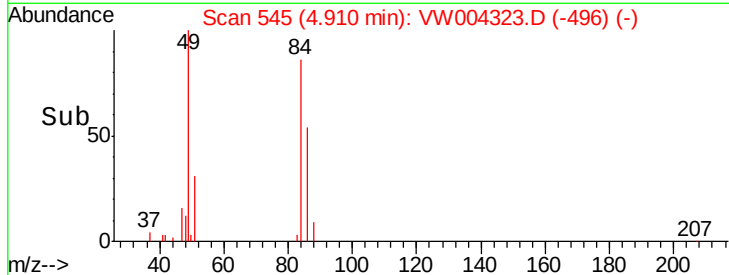
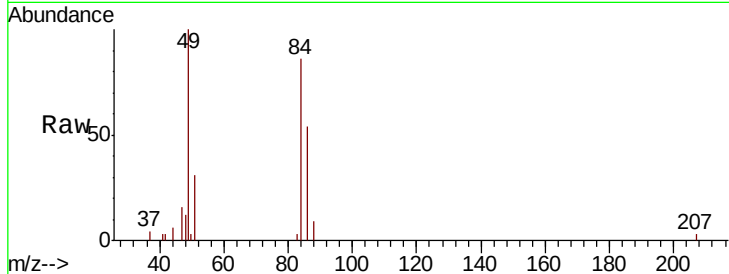
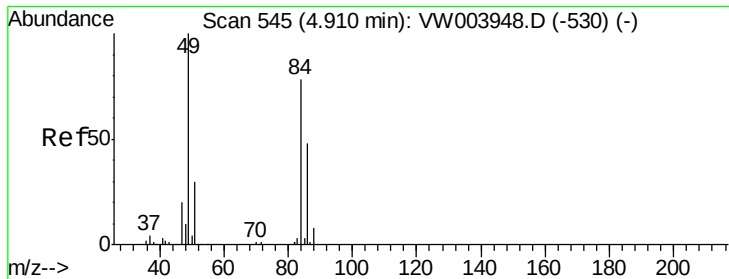
#16
Acetone
Concen: 45.393 ug/l
RT: 4.12 min Scan# 415
Delta R.T. 0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion: 43 Resp: 12146
Ion Ratio Lower Upper
43 100
58 23.7 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

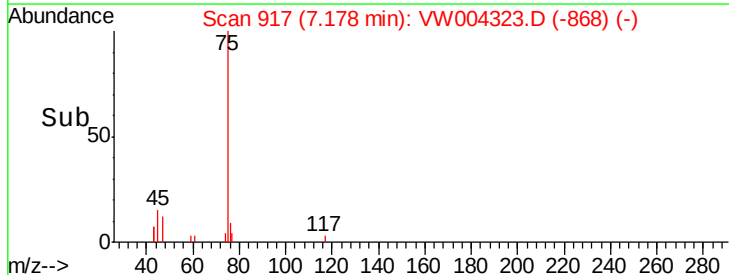
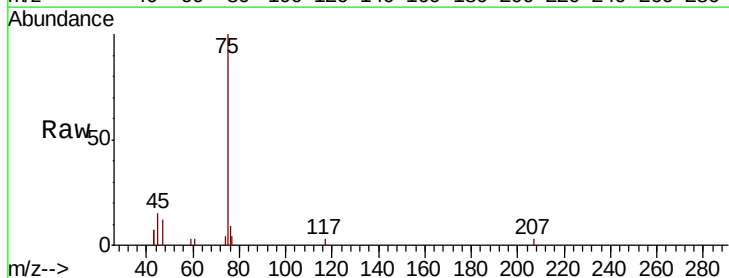
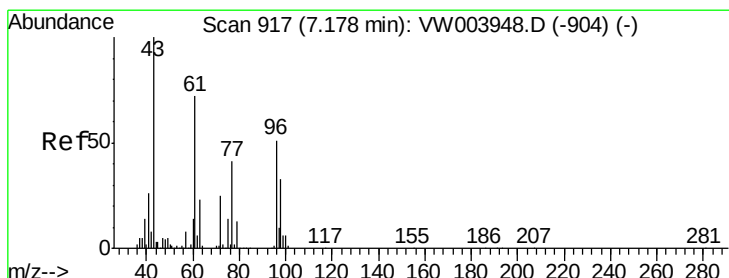
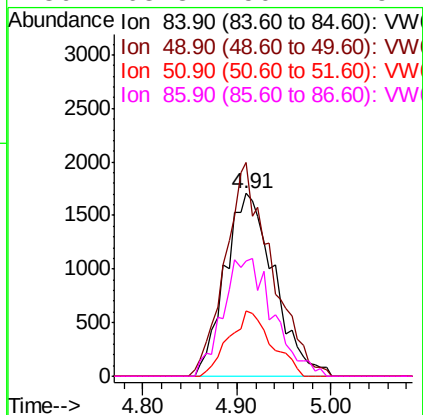




#20
Methylene Chloride
Concen: 3.108 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

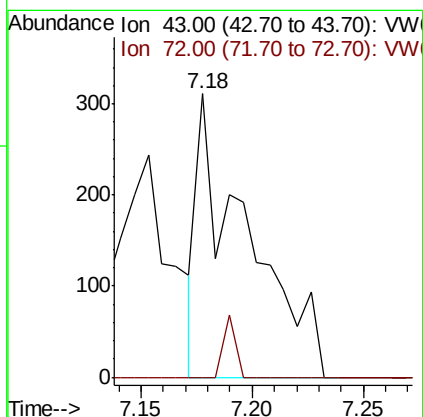
Instrument :
MSVOA_W
ClientSampleId :

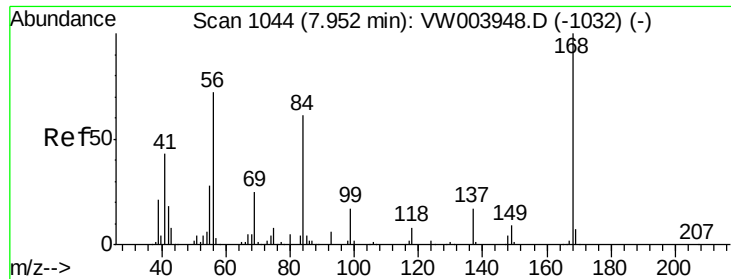
Tot Ion:	84	Resp:	6178
Ion	Ratio	Lower	Upper
84	100		
49	117.0	100.5	150.7
51	36.0	30.9	46.3
86	63.3	50.2	75.4



#25
2-Butanone
Concen: 1.236 ug/l
RT: 7.18 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion:	43	Resp:	486
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#

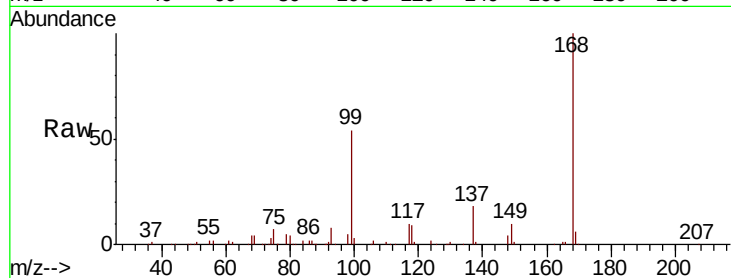




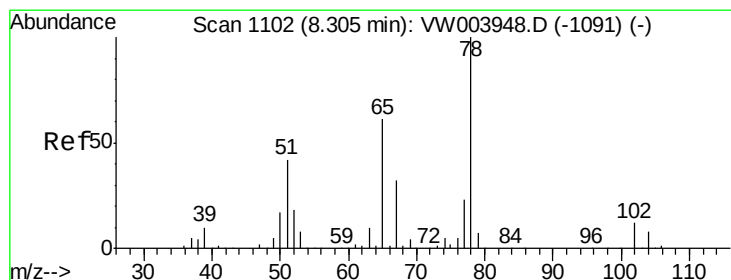
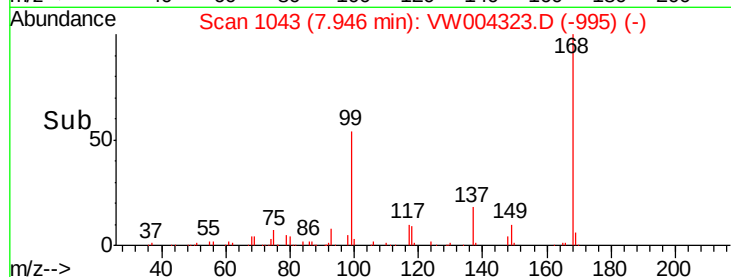
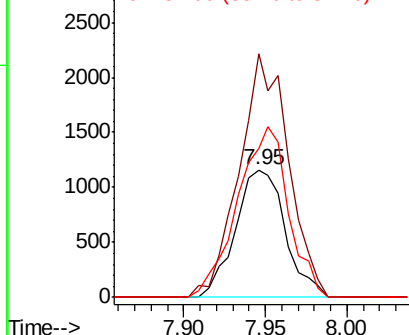
#31
Cyclohexane
Concen: 1.016 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2456
Ion Ratio Lower Upper
56 100
69 190.7 26.3 39.5#
84 117.1 66.2 99.4#

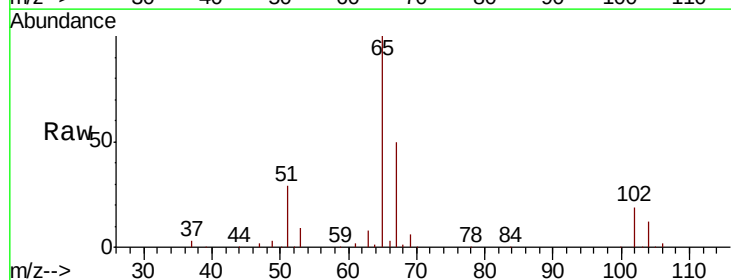


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

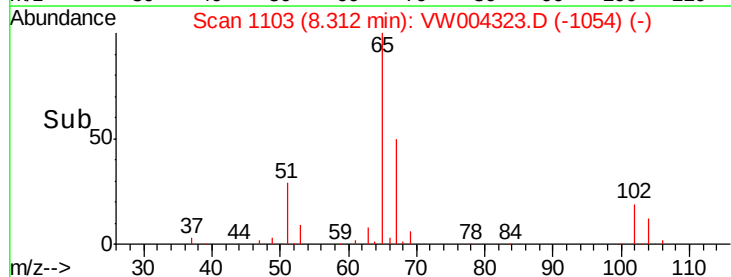
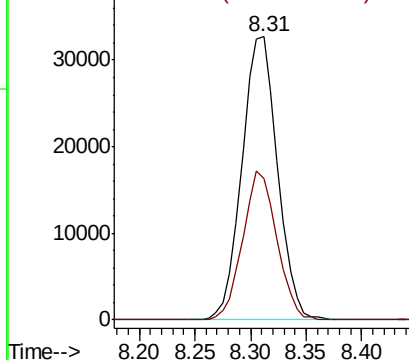


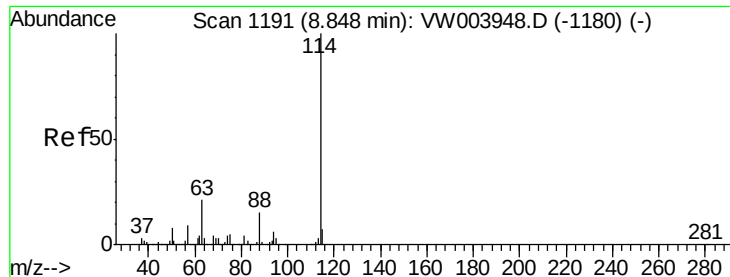
#33
1,2-Dichloroethane-d4
Concen: 51.312 ug/l
RT: 8.31 min Scan# 1103
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion: 65 Resp: 72637
Ion Ratio Lower Upper
65 100
67 50.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

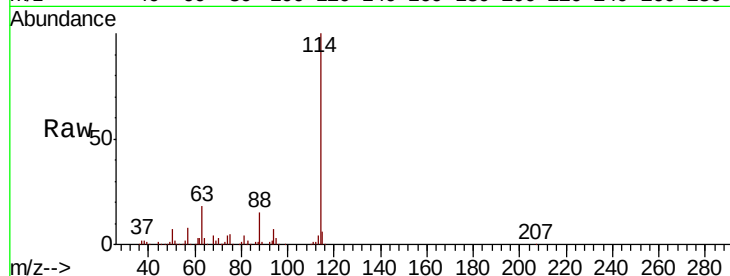




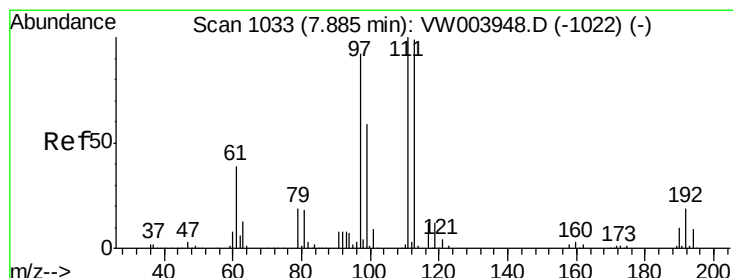
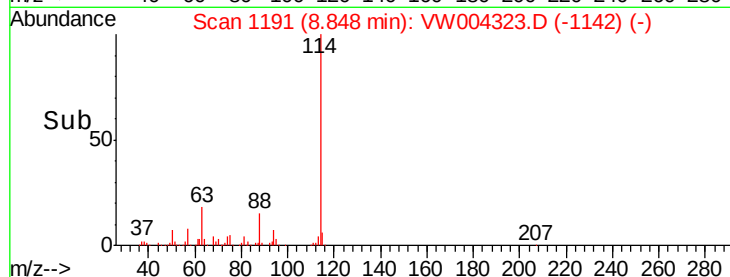
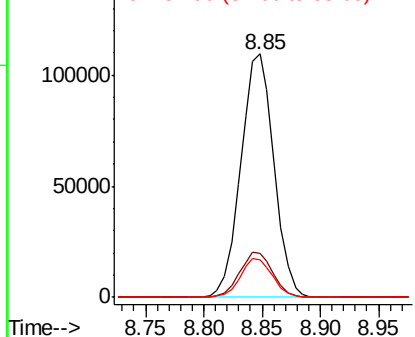
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:114 Resp: 216809
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.4
88 15.3 0.0 30.6

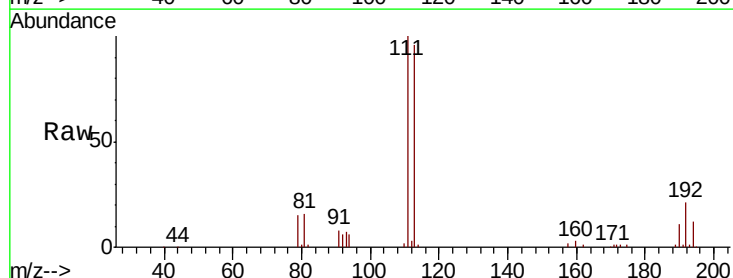


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

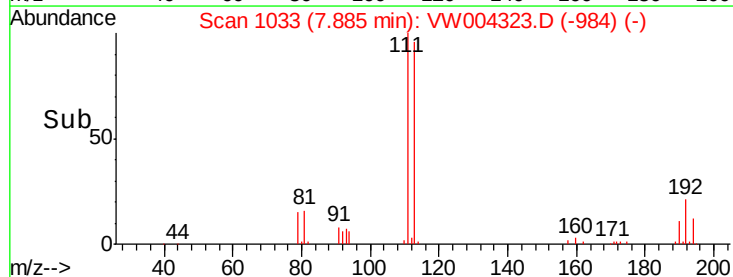
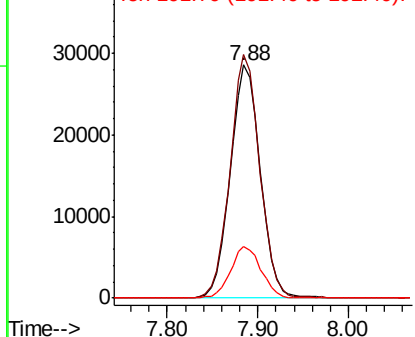


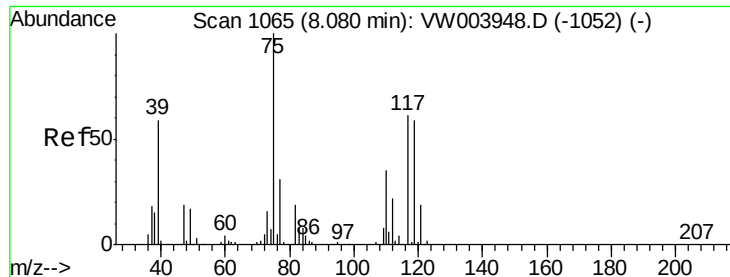
#35
Dibromofluoromethane
Concen: 48.220 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion:113 Resp: 66069
Ion Ratio Lower Upper
113 100
111 103.2 82.1 123.1
192 22.2 16.2 24.4



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

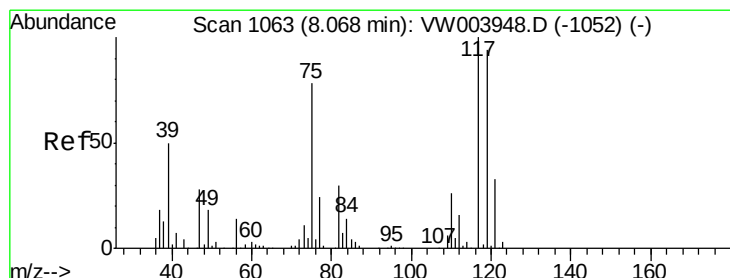
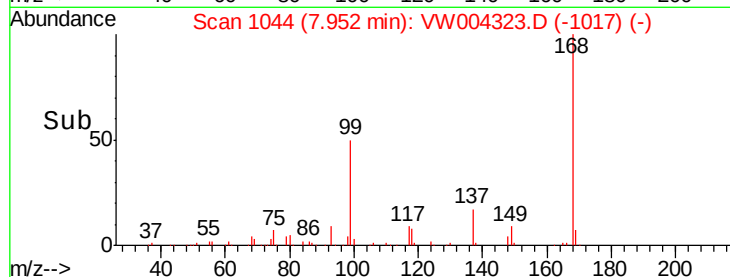
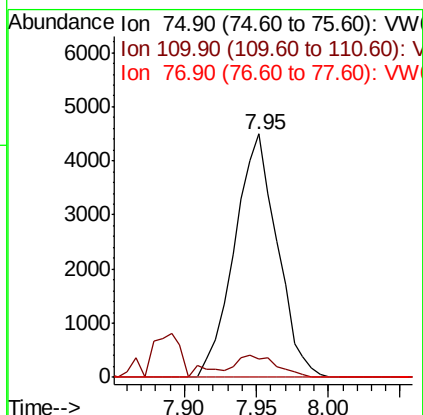
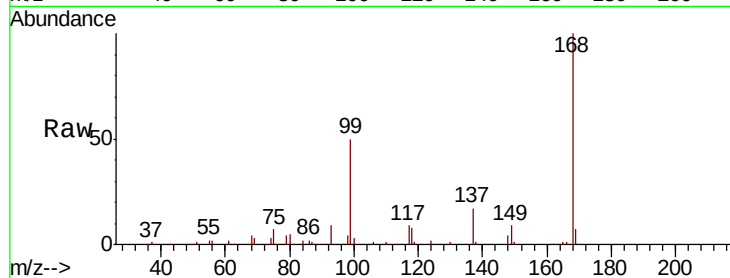




#36
 1,1-Dichloropropene
 Concen: 4.268 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004323.D
 Acq: 29 Jul 2018 19:32

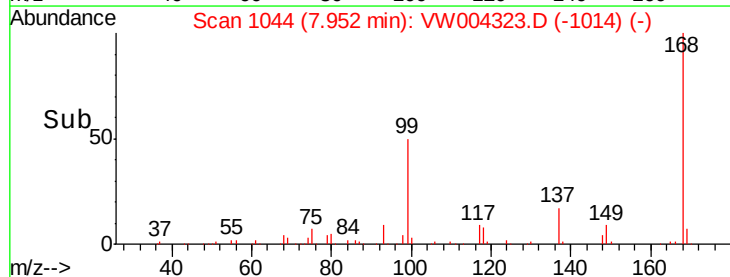
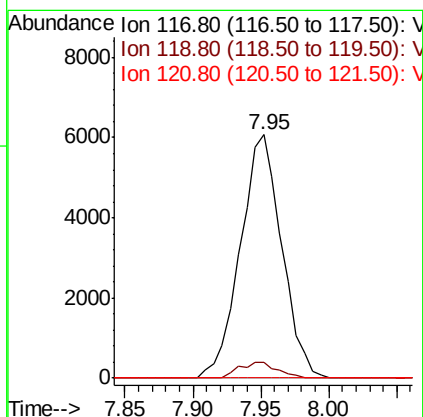
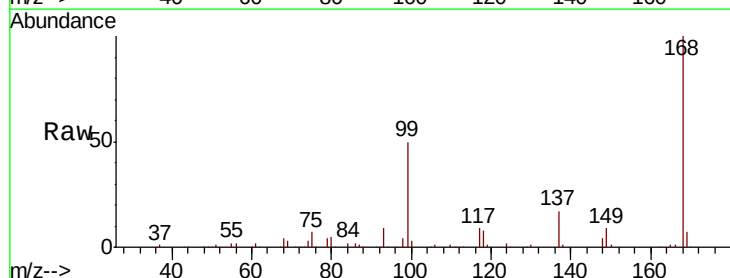
Instrument :
 MSVOA_W
 ClientSampled :

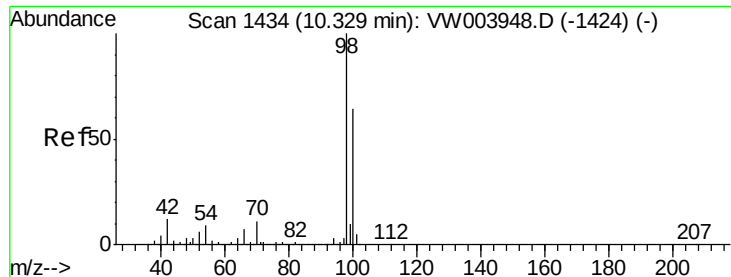
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	52.0#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.026 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.12 min
 Lab File: VW004323.D
 Acq: 29 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.6	79.7	119.5#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 44.239 ug/l

RT: 10.33 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW004323.D

Acq: 29 Jul 2018 19:32

Instrument :

MSVOA_W

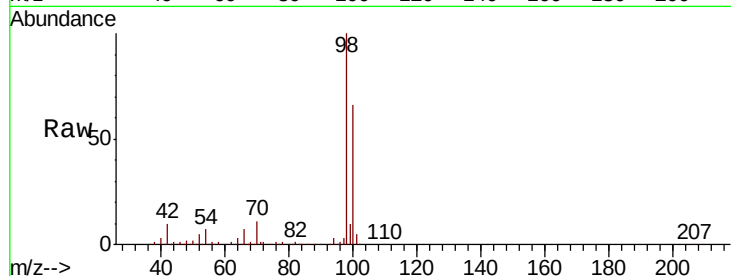
ClientSampleId :

Tot Ion: 98 Resp: 239554

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.33

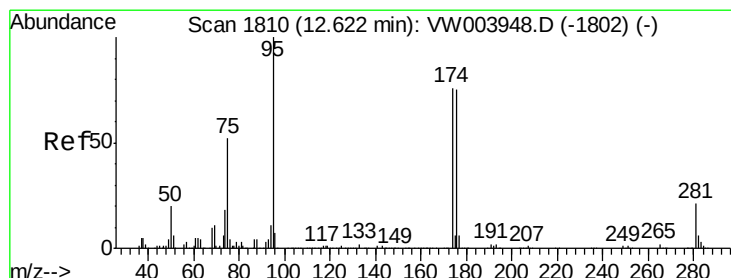
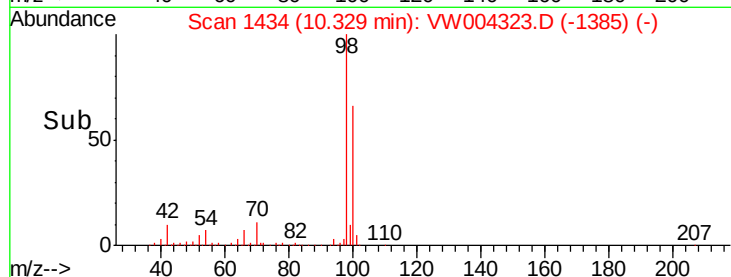
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 42.362 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004323.D

Acq: 29 Jul 2018 19:32

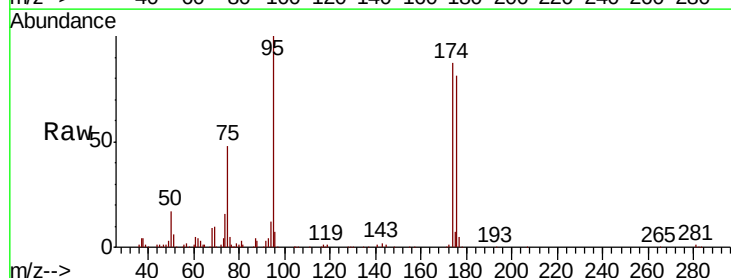
Tgt Ion: 95 Resp: 80767

Ion Ratio Lower Upper

95 100

174 92.7 0.0 167.8

176 88.1 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

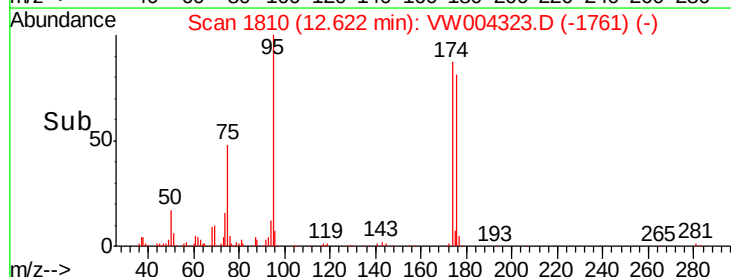
60000

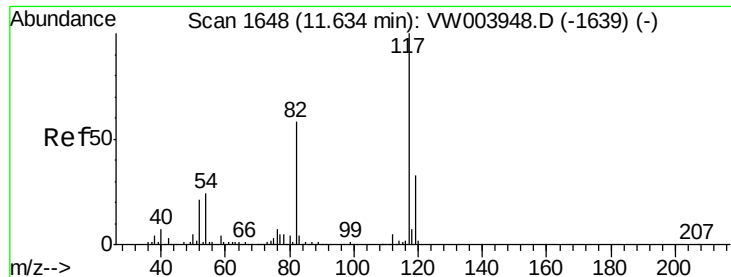
40000

20000

0

Time--> 12.55 12.60 12.65 12.70

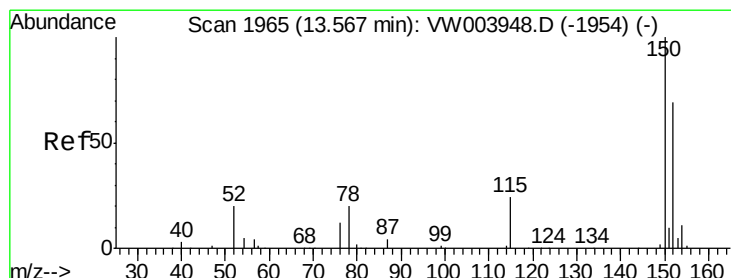
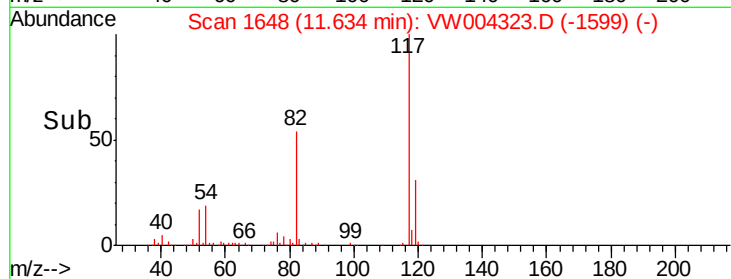
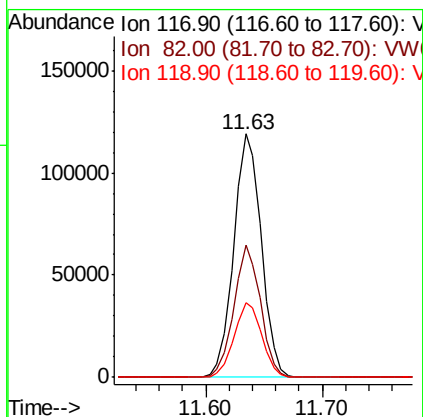
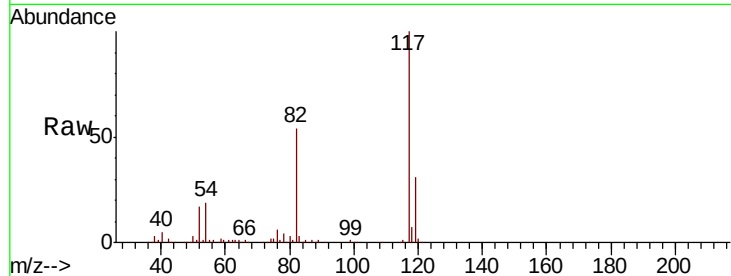




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

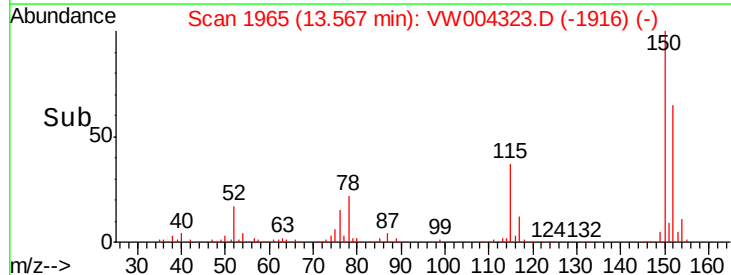
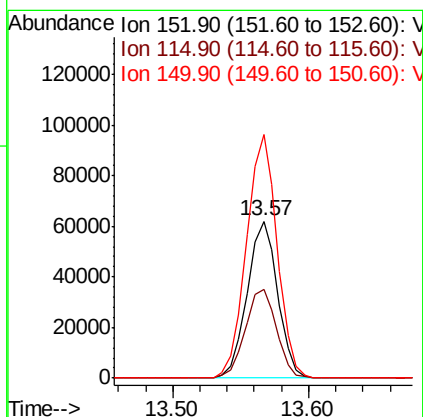
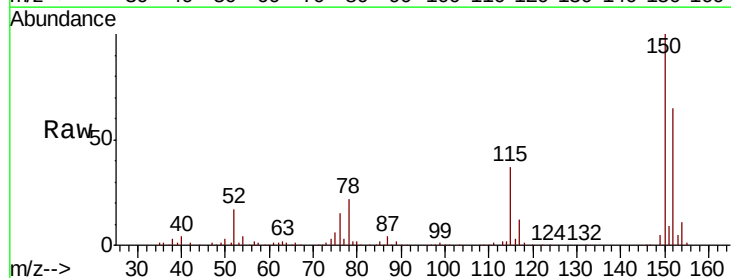
Instrument :
MSVOA_W
ClientSampleId :

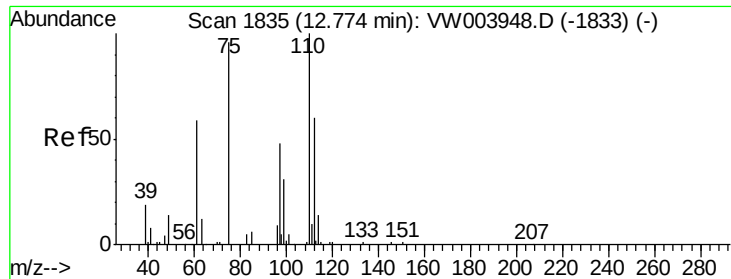
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	47.9	71.9
119	30.7	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004323.D
Acq: 29 Jul 2018 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.8	86.4
150	155.5	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 44.292 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004323.D

Acq: 29 Jul 2018 19:32

Instrument :

MSVOA_W

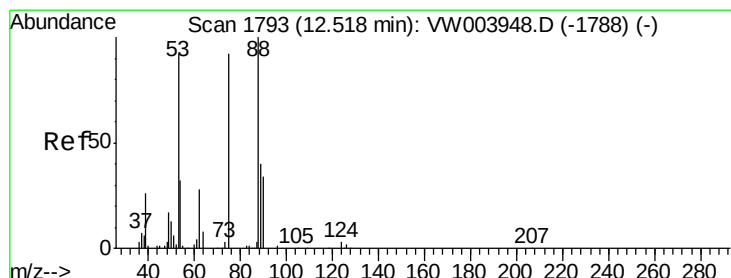
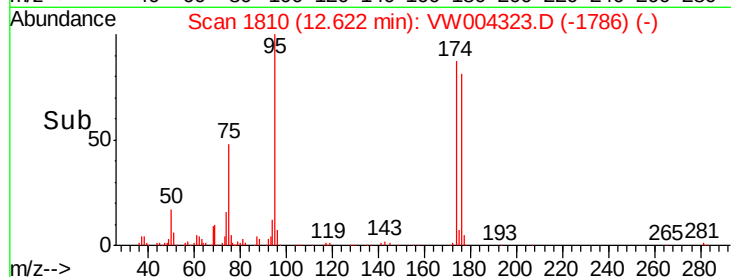
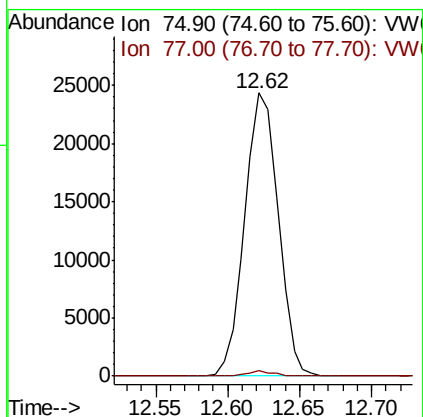
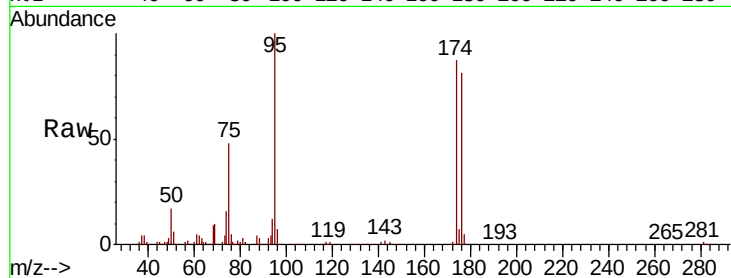
ClientSampled :

Tot Ion: 75 Resp: 39390

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 103.062 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004323.D

Acq: 29 Jul 2018 19:32

Tgt Ion: 75 Resp: 39390

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 36.0 54.0#

