

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
 Data File : VW012208.D
 Acq On : 27 Aug 2019 13:16
 Operator : SY/VA
 Sample : K4521-04
 Misc : 4.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

Quant Time: Aug 28 04:56:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	346255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145057	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	148036	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
35) Dibromofluoromethane	7.88	113	121325	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.32	98	496103	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	12.62	95	166737	48.25	ug/l	0.00
Spiked Amount			Recovery	=	96.50%	

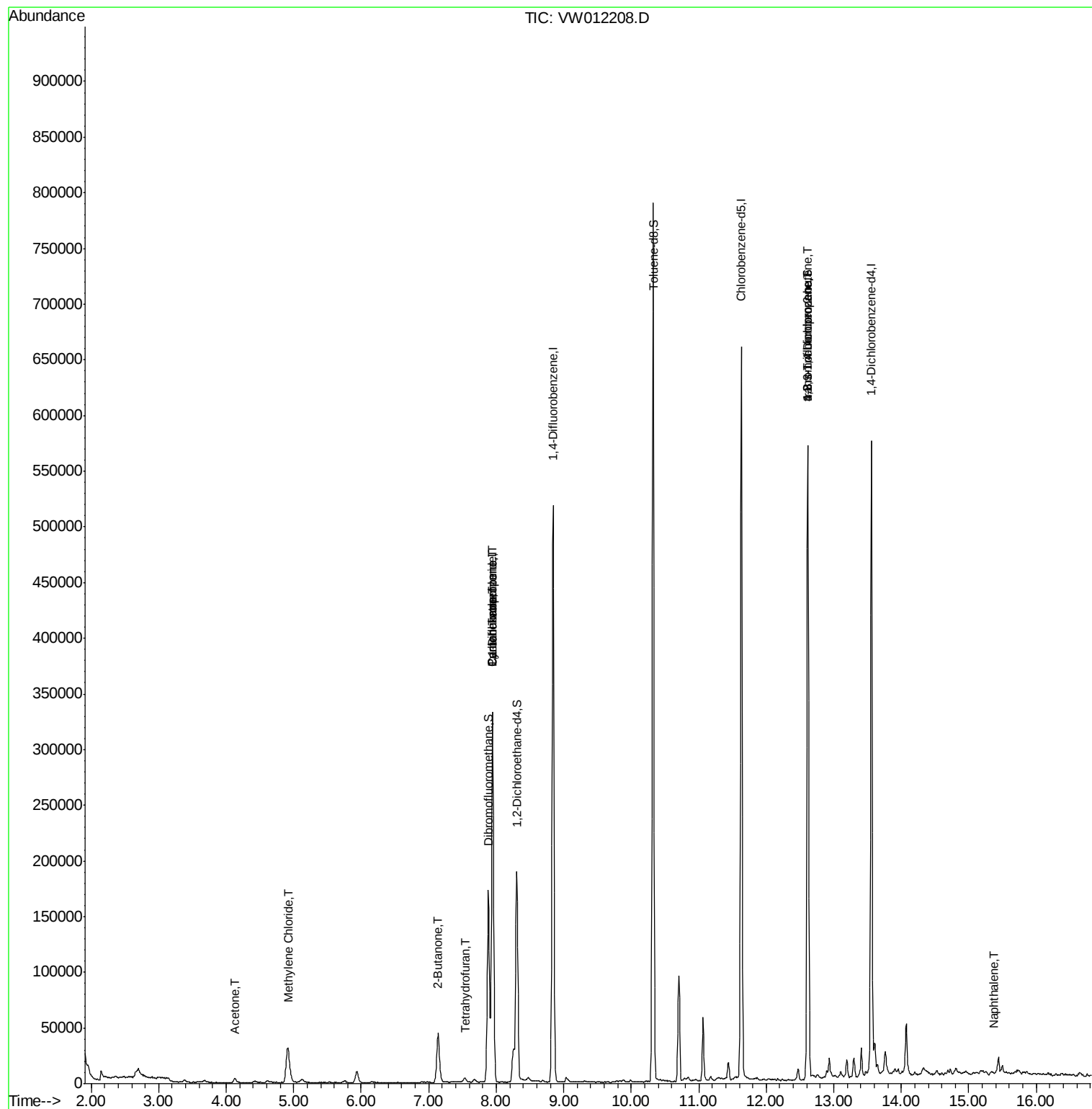
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	7339	9.980	ug/l	91
20) Methylene Chloride	4.92	84	24970	8.982	ug/l	95
25) 2-Butanone	7.15	43	2916	2.918	ug/l #	72
29) Tetrahydrofuran	7.54	42	3394	5.661	ug/l	96
31) Cyclohexane	7.94	56	5895	1.138	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	21194	5.063	ug/l #	52
38) Carbon Tetrachloride	7.95	117	24658	6.806	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	88448	62.607	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	88448	137.268	ug/l #	6
95) Naphthalene	15.37	128	830	4.460	ug/l #	76

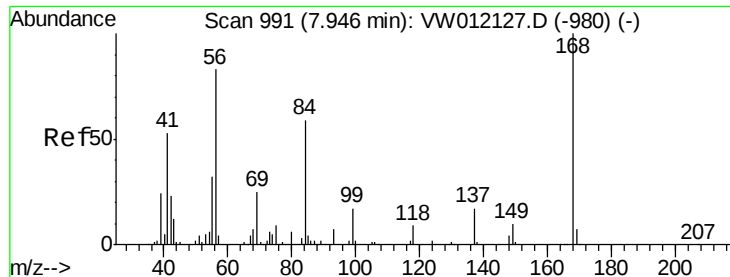
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
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Quant Time: Aug 28 04:56:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
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: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

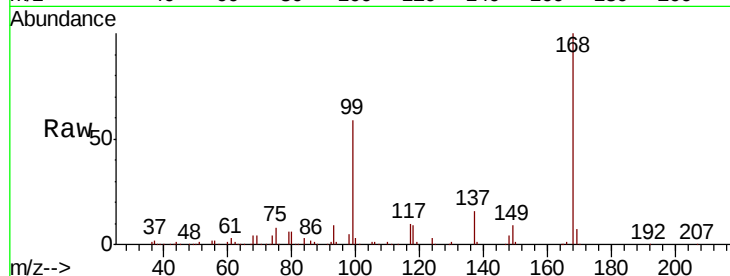
PX-07

Tgt Ion:168 Resp: 242006

Ion Ratio Lower Upper

168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

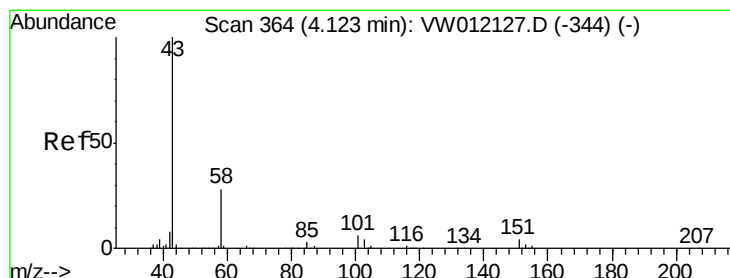
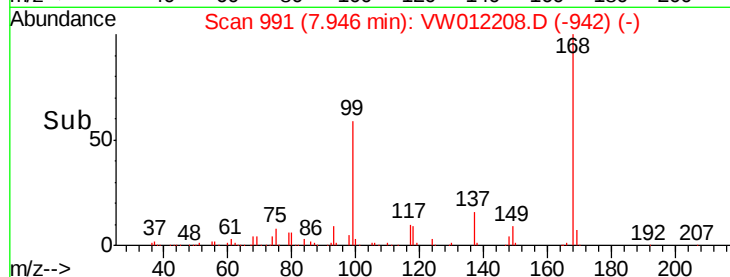
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 9.980 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012208.D

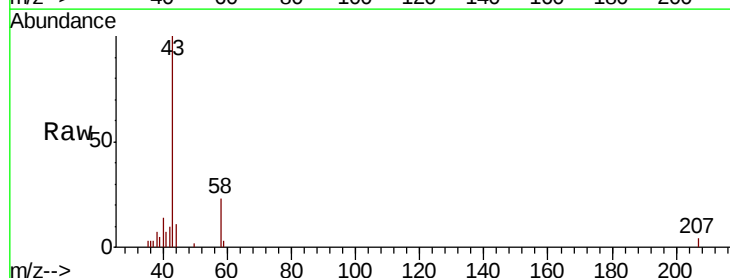
Acq: 27 Aug 2019 13:16

Tgt Ion: 43 Resp: 7339

Ion Ratio Lower Upper

43 100

58 23.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

2500

2000

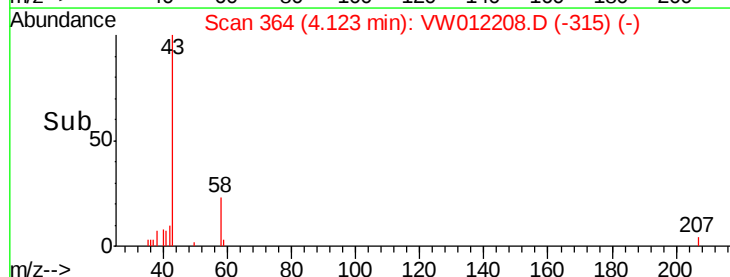
1500

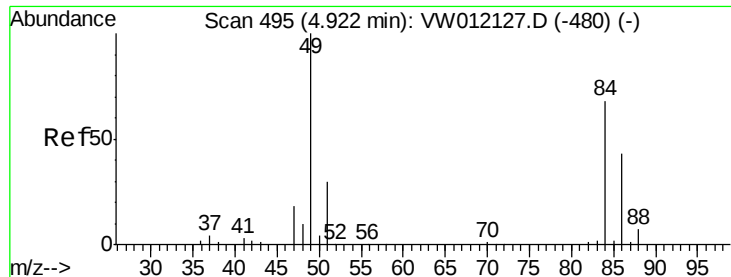
1000

500

0

Time--> 4.05 4.10 4.15 4.20

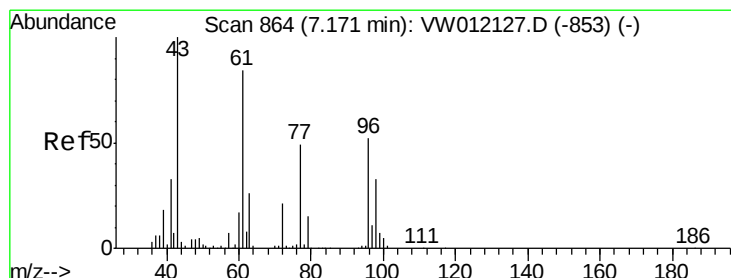
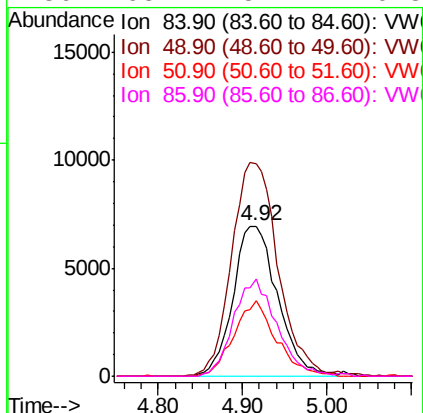
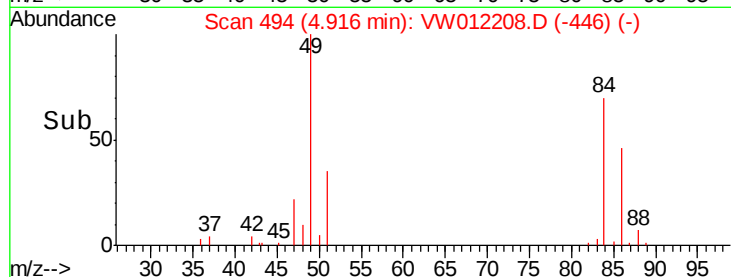
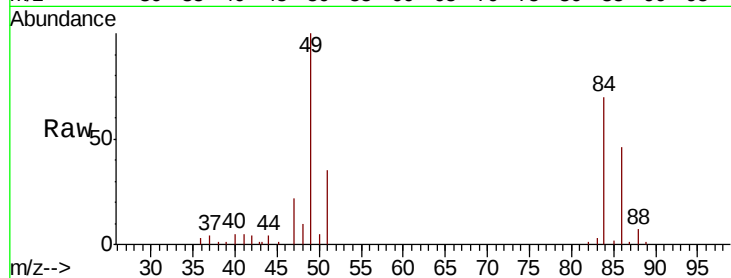




#20
Methylene Chloride
Concen: 8.982 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

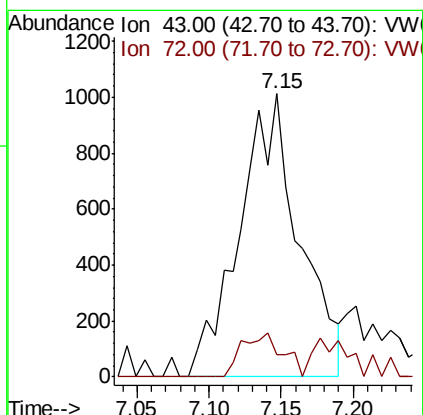
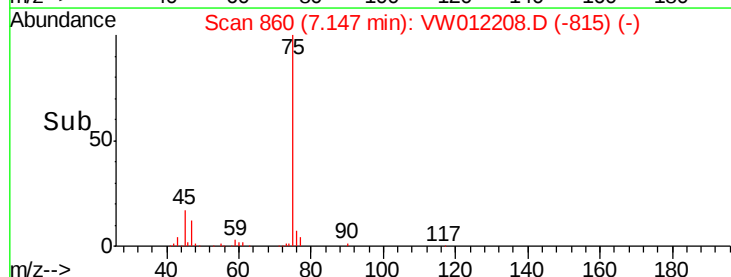
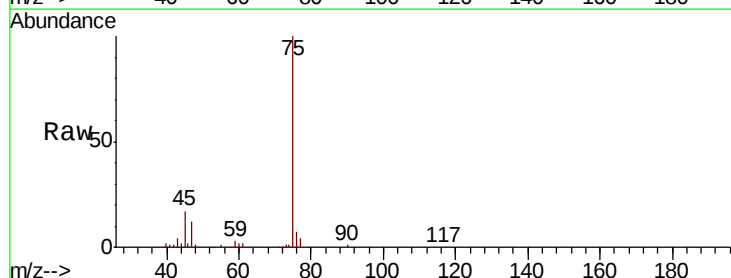
Instrument :
MSVOA_W
ClientSampleId :
PX-07

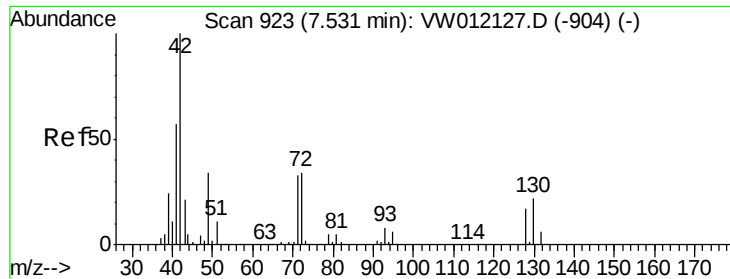
Tgt Ion:	84	Resp:	24970
Ion	Ratio	Lower	Upper
84	100		
49	141.1	117.8	176.8
51	50.3	35.6	53.4
86	65.1	51.2	76.8



#25
2-Butanone
Concen: 2.918 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Tgt Ion:	43	Resp:	2916
Ion	Ratio	Lower	Upper
43	100		
72	7.8	16.6	24.8#





#29

Tetrahydrofuran

Concen: 5.661 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012208.D

Acq: 27 Aug 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

PX-07

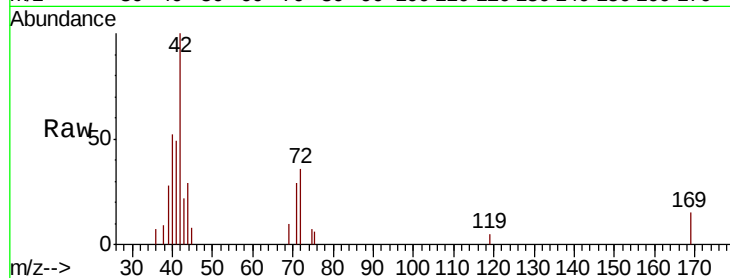
Tgt Ion: 42 Resp: 3394

Ion Ratio Lower Upper

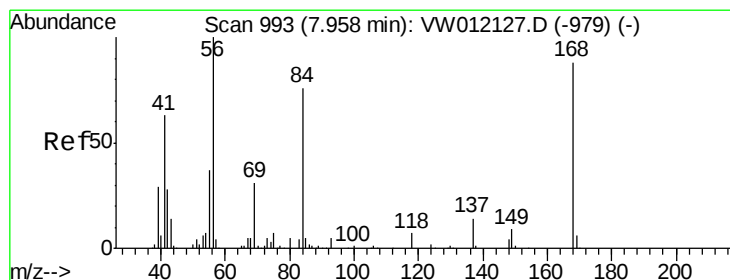
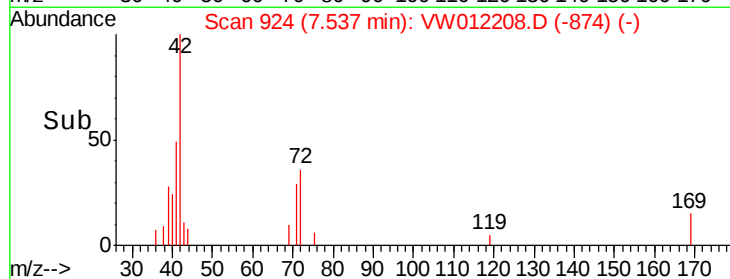
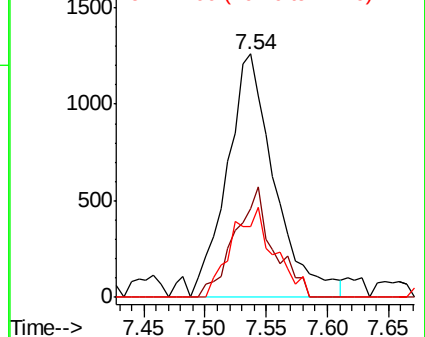
42 100

72 36.8 27.3 40.9

71 33.2 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#31

Cyclohexane

Concen: 1.138 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012208.D

Acq: 27 Aug 2019 13:16

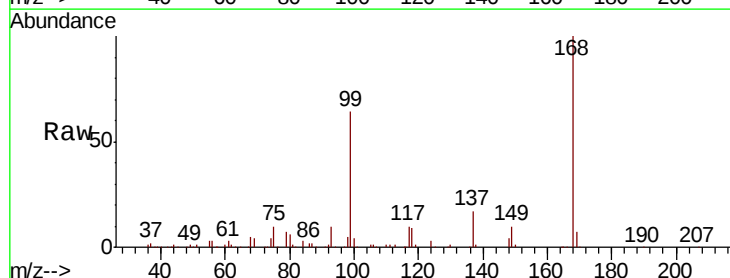
Tgt Ion: 56 Resp: 5895

Ion Ratio Lower Upper

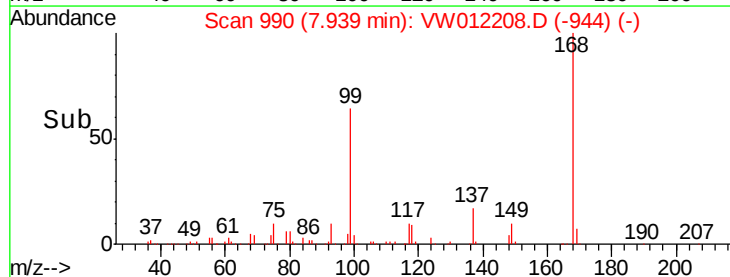
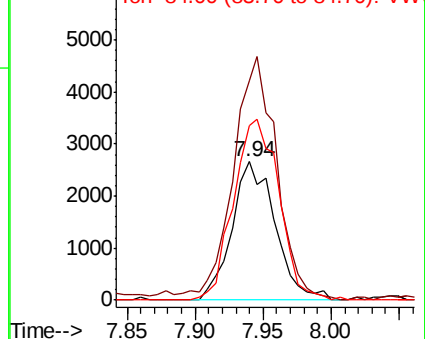
56 100

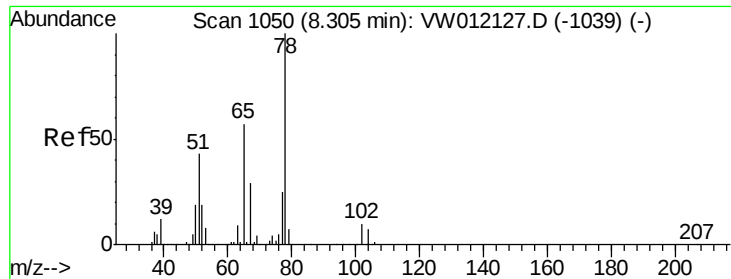
69 158.0 24.9 37.3#

84 126.3 60.6 90.8#



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

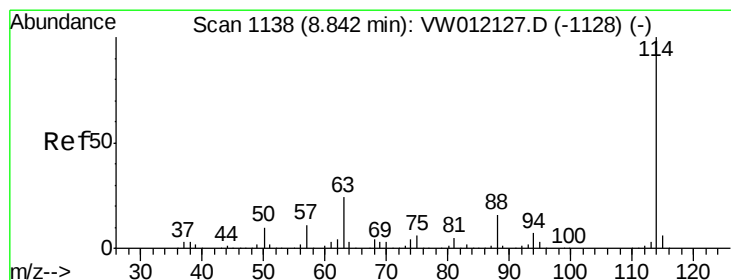
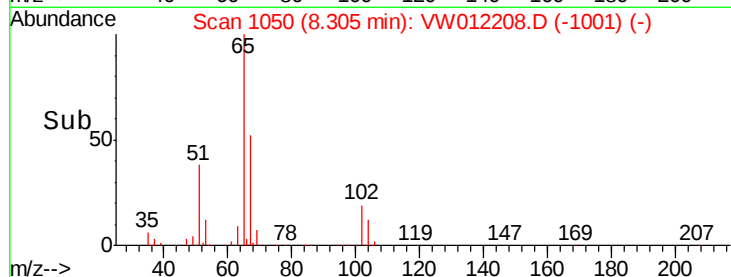
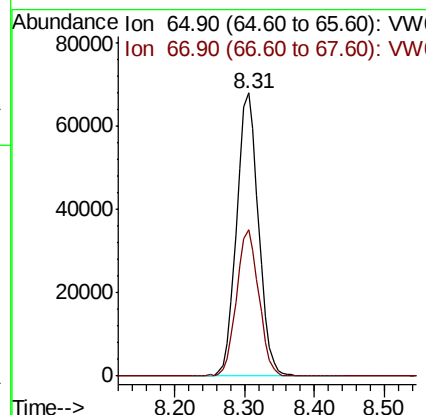
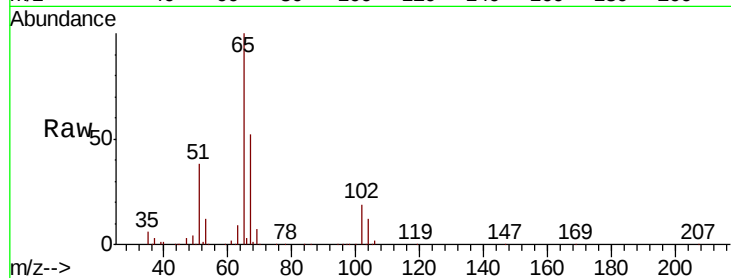




#33
 1,2-Dichloroethane-d4
 Concen: 51.457 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

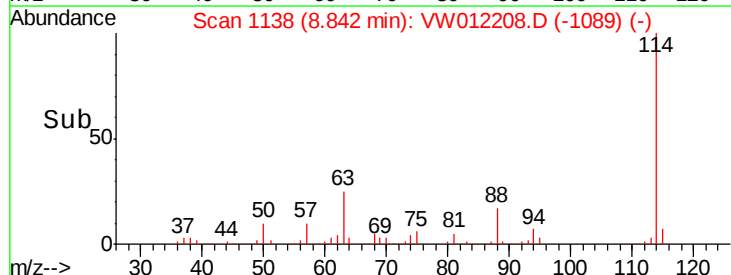
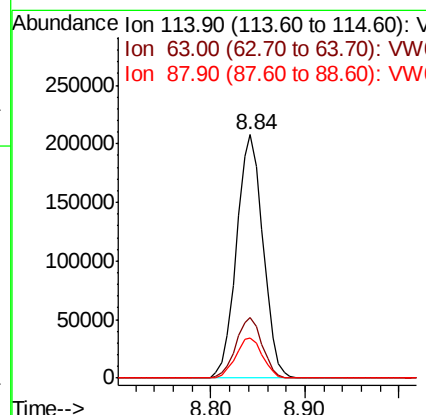
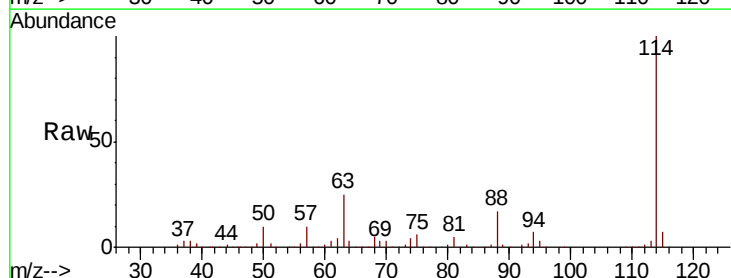
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

Tgt Ion: 65 Resp: 148036
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

Tgt Ion: 114 Resp: 405046
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.6
 88 16.6 0.0 32.2

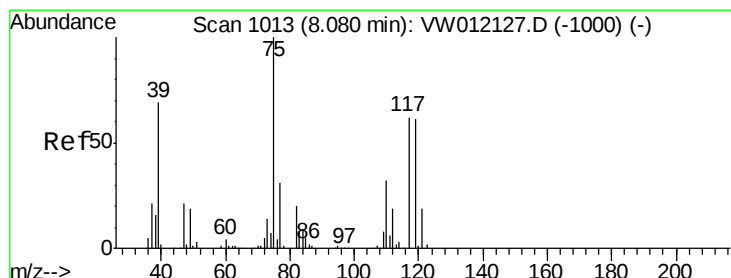
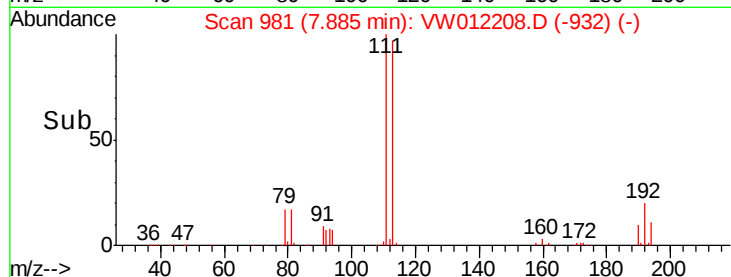
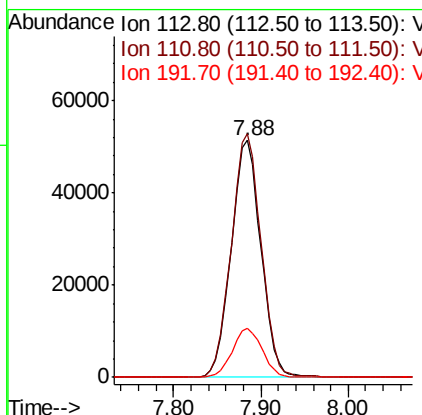
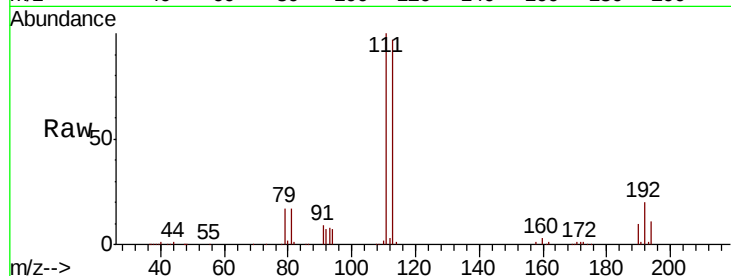




#35
 Dibromofluoromethane
 Concen: 50.181 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

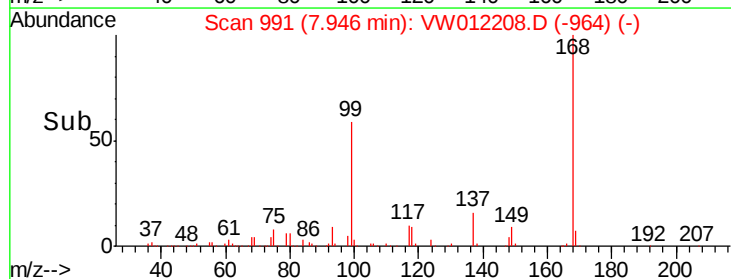
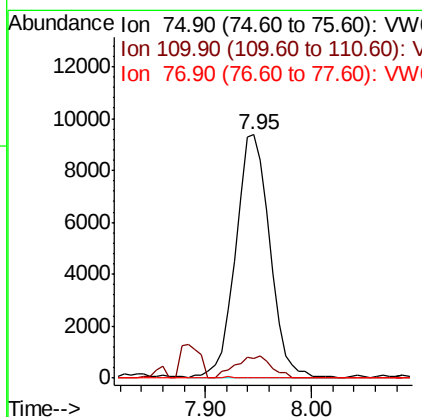
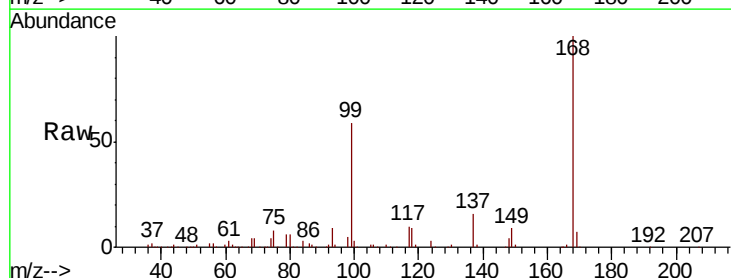
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

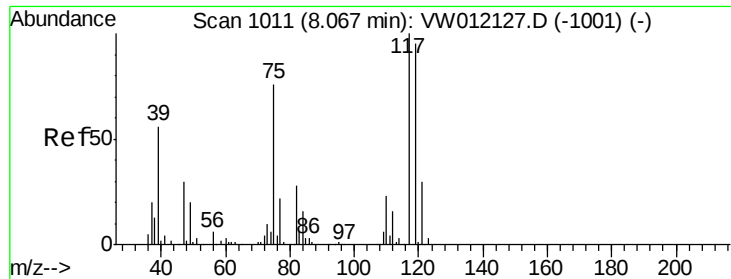
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.7	16.2	24.2



#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	15.6	46.8#
77	0.0	24.6	36.8#

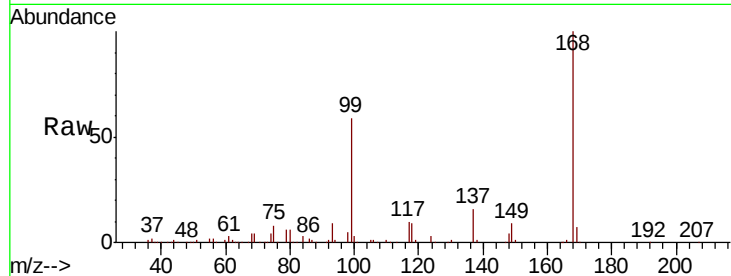




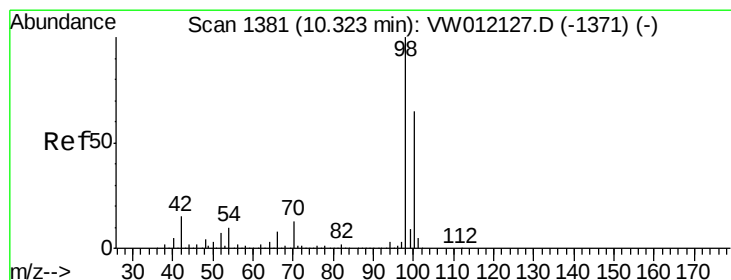
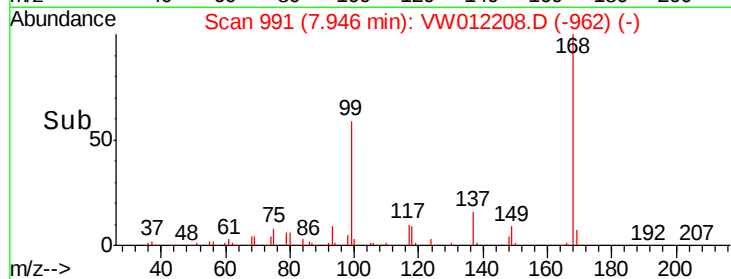
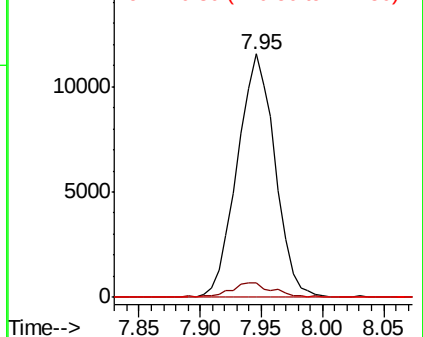
#38
Carbon Tetrachloride
Concen: 6.806 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Instrument :
MSVOA_W
ClientSampleId :
PX-07

Tgt Ion:117 Resp: 24658
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 23.8 35.8#

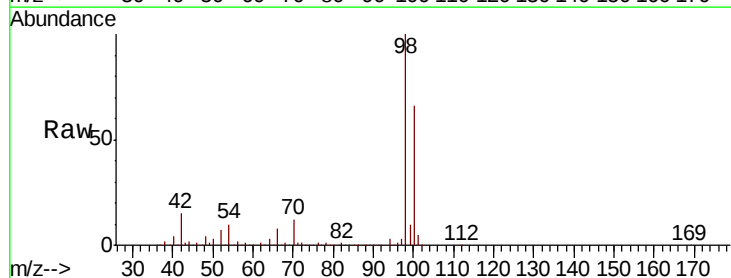


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

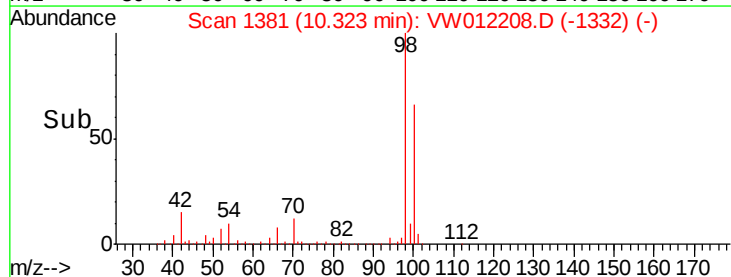
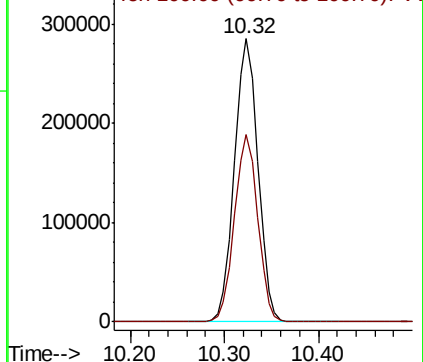


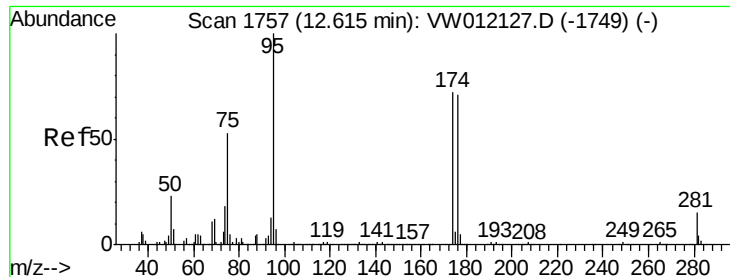
#50
Toluene-d8
Concen: 50.606 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Tgt Ion: 98 Resp: 496103
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



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

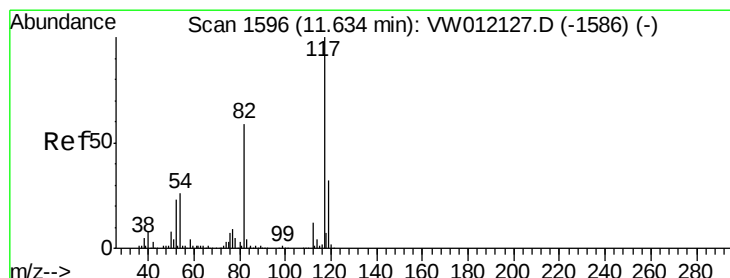
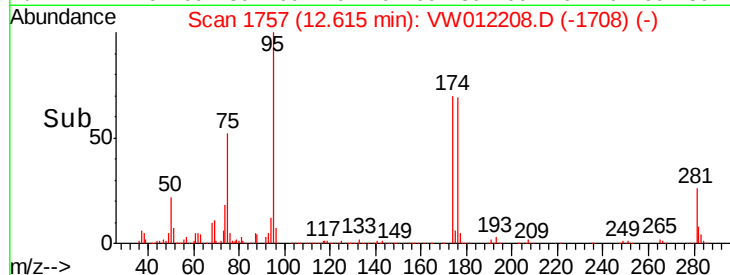
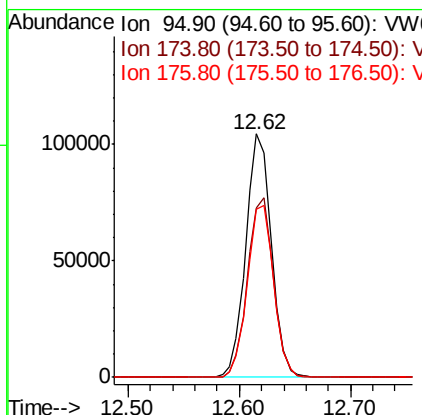
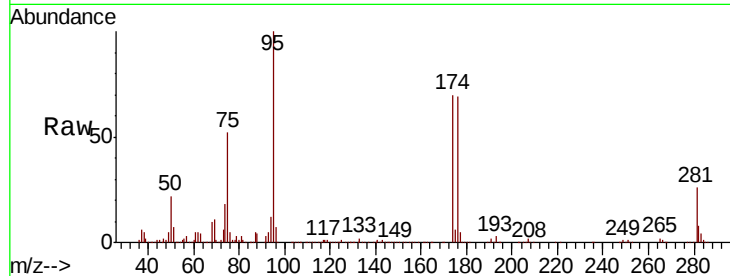




#62
4-Bromofluorobenzene
Concen: 48.251 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

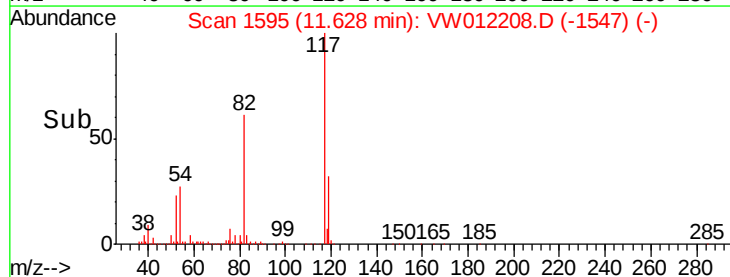
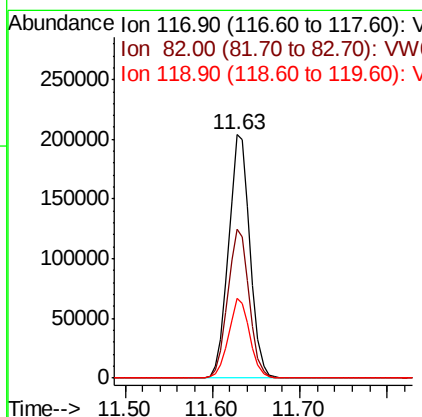
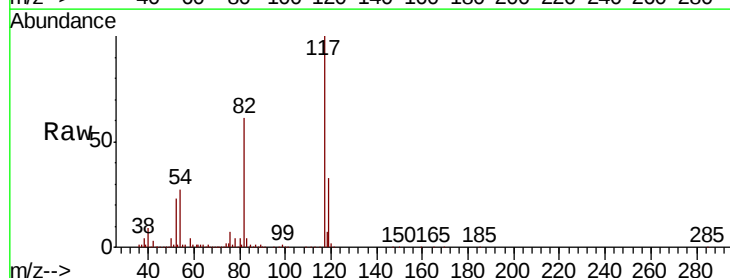
Instrument :
MSVOA_W
ClientSampleId :
PX-07

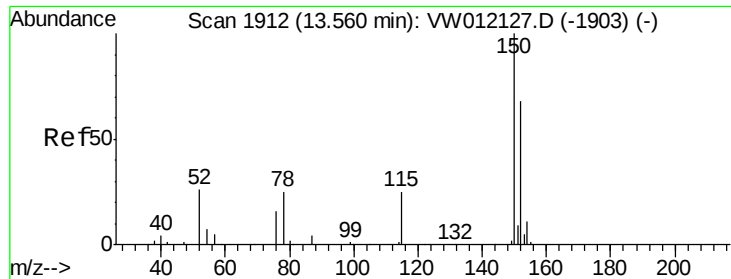
Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.8
176	73.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.0	47.4	71.2
119	32.5	25.4	38.2



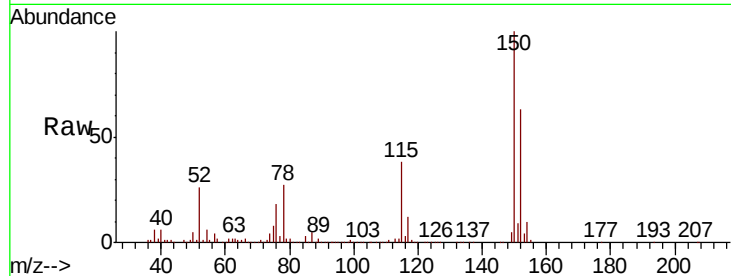


#72

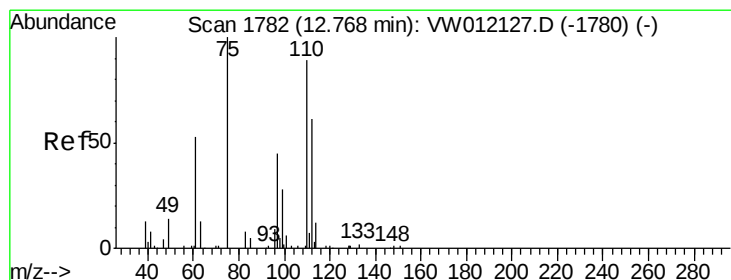
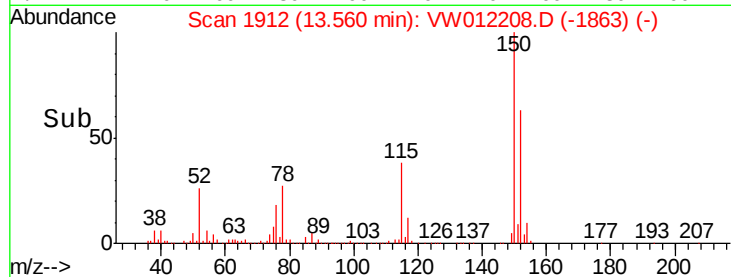
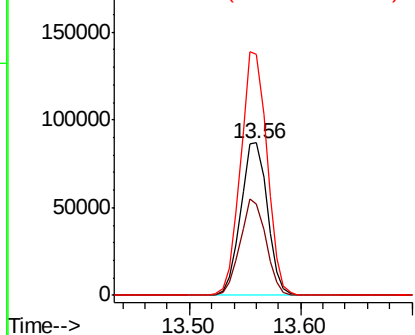
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Instrument :
MSVOA_W
ClientSampleId :
PX-07

Tgt Ion:152 Resp: 145057
Ion Ratio Lower Upper
152 100
115 60.8 30.1 90.3
150 157.9 0.0 345.8



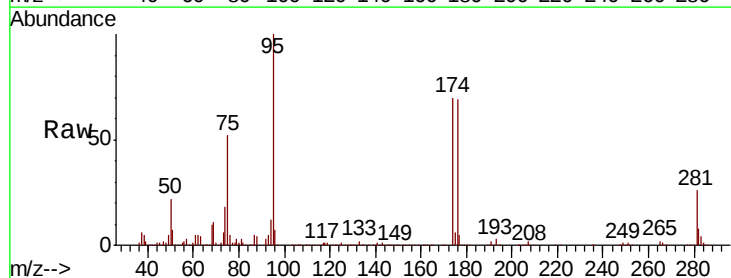
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



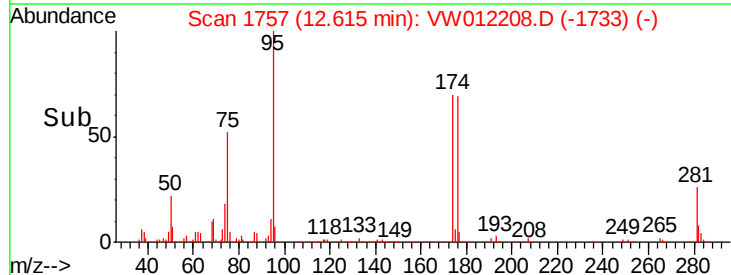
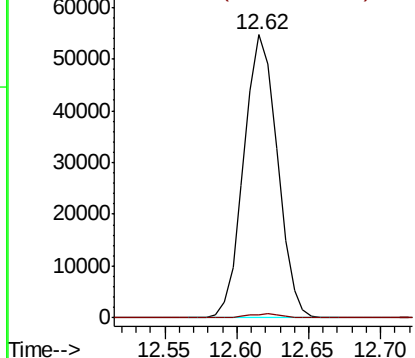
#76

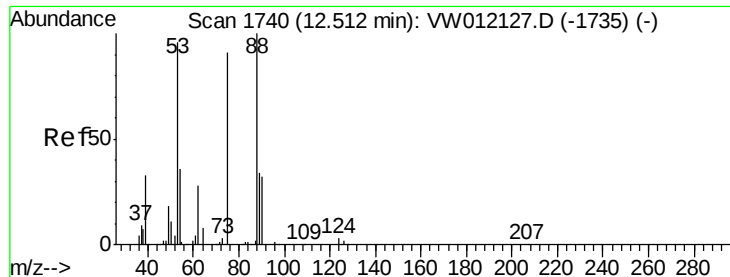
1,2,3-Trichloropropane
Concen: 62.607 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW012208.D
Acq: 27 Aug 2019 13:16

Tgt Ion: 75 Resp: 88448
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

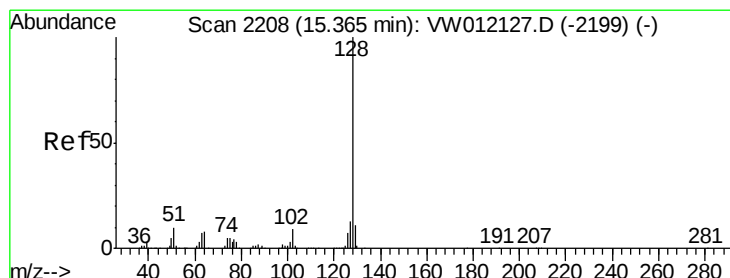
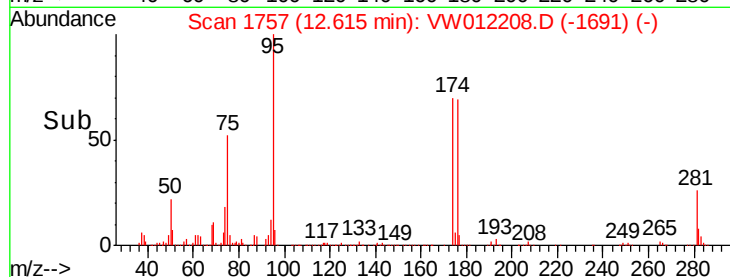
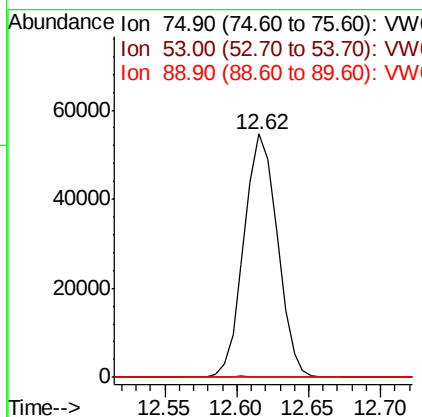
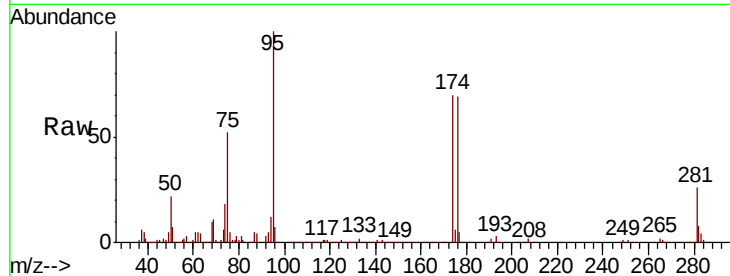




#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.268 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-07

Tgt Ion: 75 Resp: 88448
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.4 134.0#
 89 0.3 34.5 51.7#



#95
 Naphthalene
 Concen: 4.460 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. 0.01 min
 Lab File: VW012208.D
 Acq: 27 Aug 2019 13:16

Tgt Ion: 128 Resp: 830
 Ion Ratio Lower Upper
 128 100
 127 7.7 10.7 16.1#
 129 24.3 8.7 13.1#

