

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007459.D
 Acq On : 13 Dec 2018 00:56
 Operator : SY/AP
 Sample : J6340-01
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02A

Quant Time: Dec 13 04:21:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	66369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	114895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	84902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	21703	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	35142	47.73	ug/l	0.00
Spiked Amount			Recovery	=	95.46%	
35) Dibromofluoromethane	7.88	113	33731	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	10.32	98	102452	39.29	ug/l	0.00
Spiked Amount			Recovery	=	78.58%	
62) 4-Bromofluorobenzene	12.62	95	26475	27.61	ug/l	0.00
Spiked Amount			Recovery	=	55.22%	

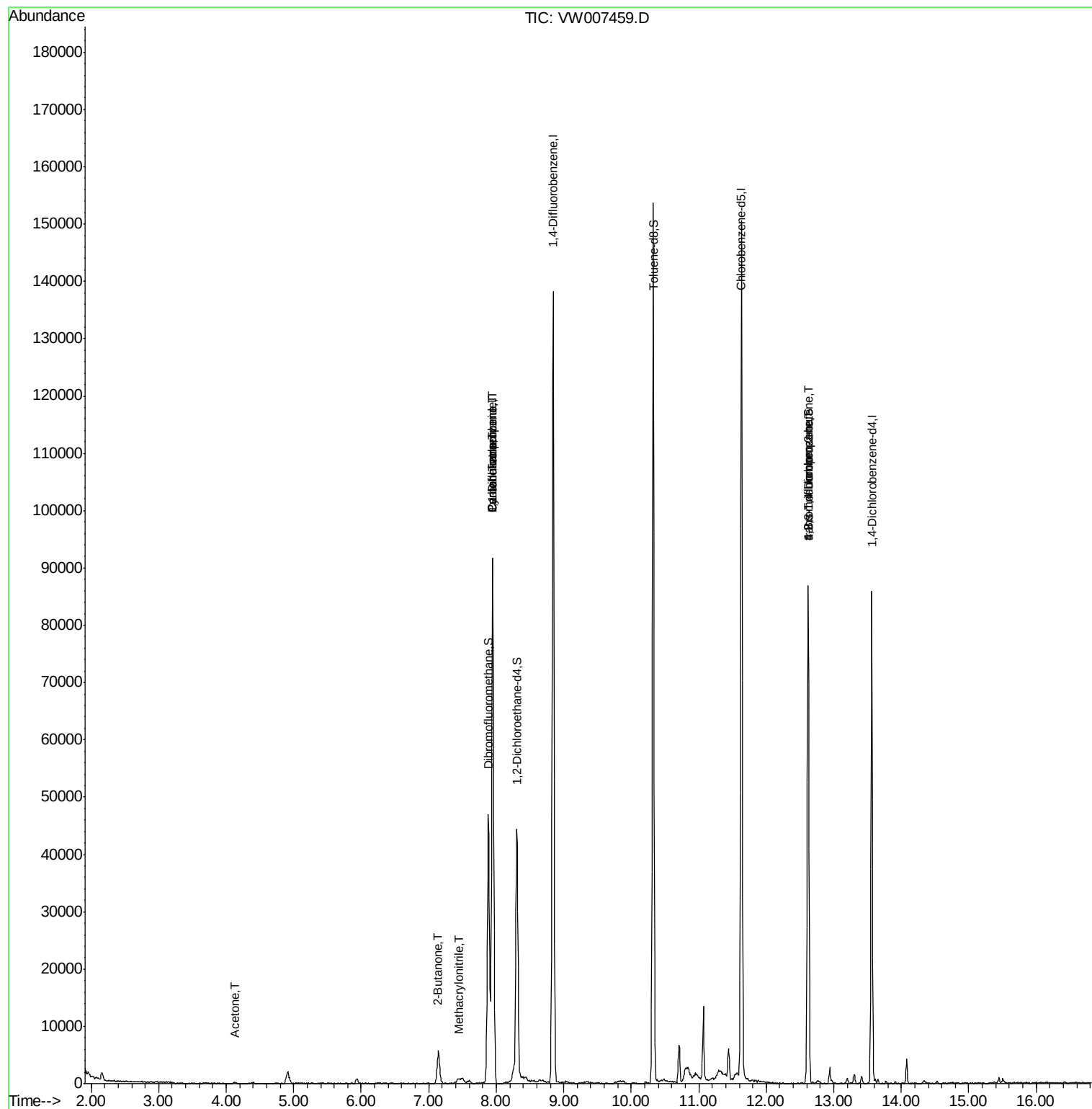
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	580	4.510	ug/l #	82
20) Methylene Chloride	4.92	84	1787	Below Cal	#	87
25) 2-Butanone	7.15	43	298	1.775	ug/l #	45
31) Cyclohexane	7.95	56	1418	1.240	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	5001	4.771	ug/l #	49
38) Carbon Tetrachloride	7.95	117	7127	6.249	ug/l #	17
41) Methacrylonitrile	7.45	41	413	1.860	ug/l #	45
76) 1,2,3-Trichloropropane	12.62	75	13976	78.101	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	13976	172.526	ug/l #	7

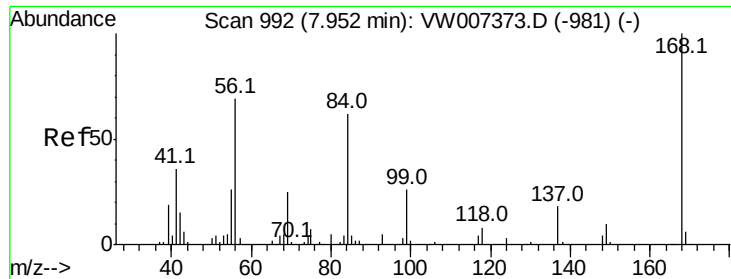
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
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Misc : 4.54G/5ML/MSVOA W/SOIL
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Dec 13 04:21:59 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007459.D

Acq: 13 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

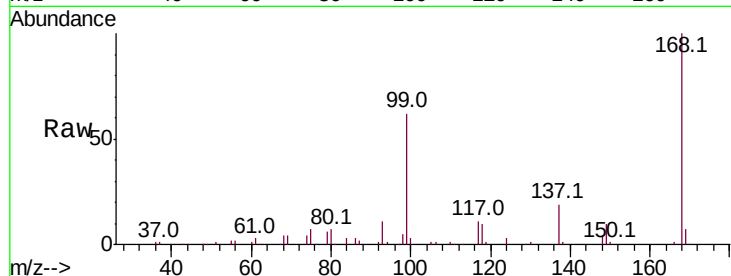
SB-02A

Tot Ion:168 Resp: 66369

Ion Ratio Lower Upper

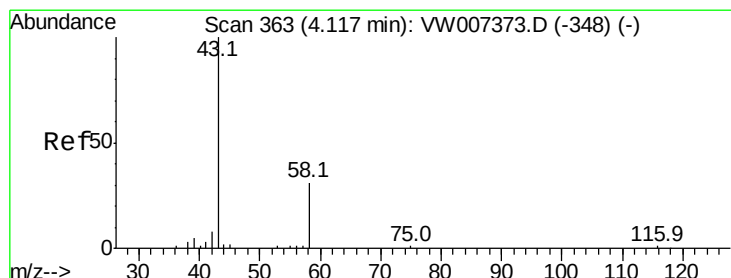
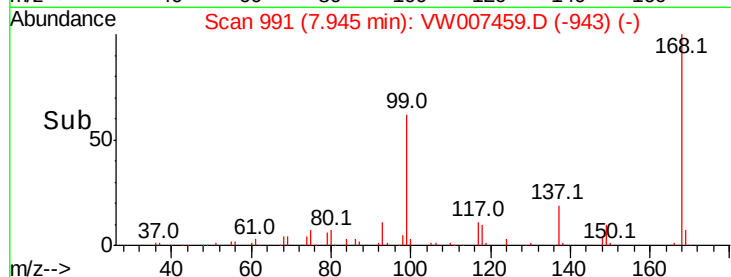
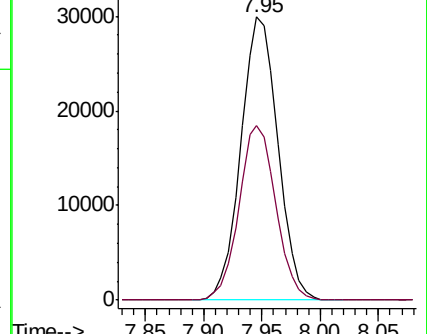
168 100

99 61.7 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 4.510 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW007459.D

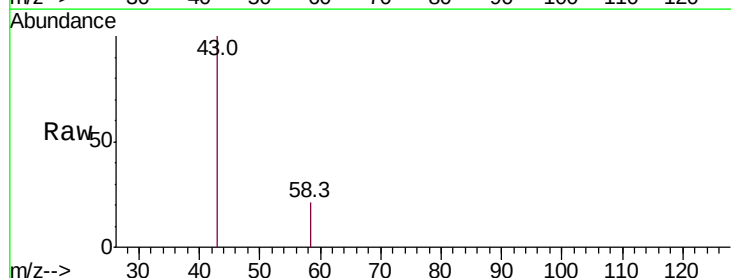
Acq: 13 Dec 2018 00:56

Tgt Ion: 43 Resp: 580

Ion Ratio Lower Upper

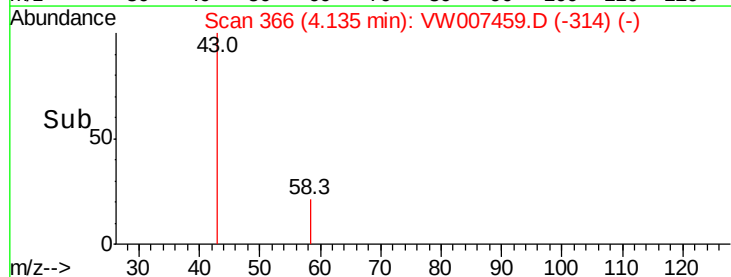
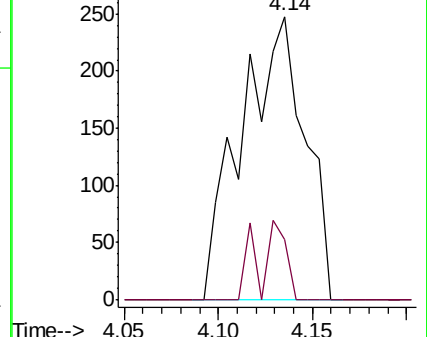
43 100

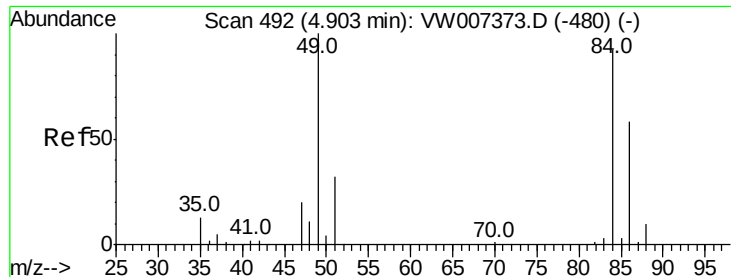
58 21.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

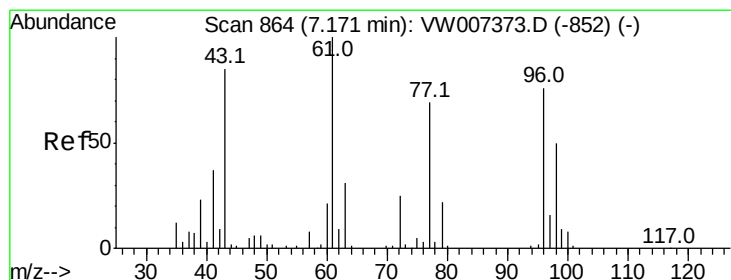
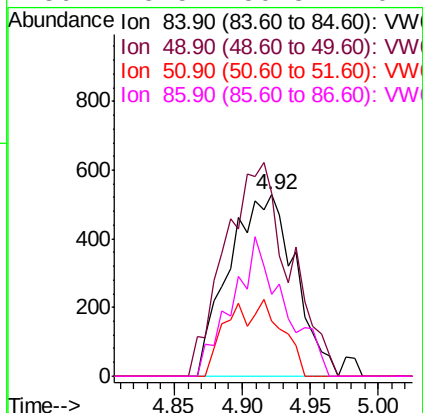
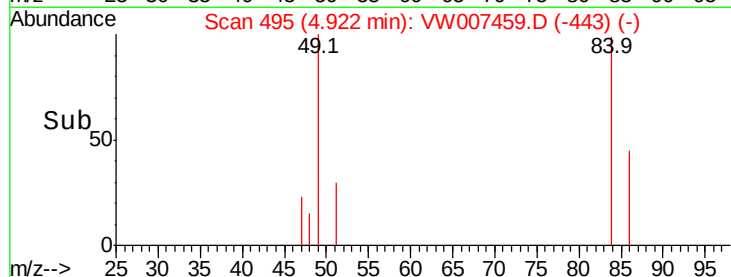
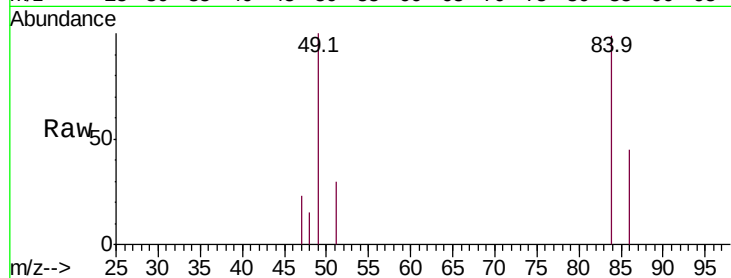




#20
Methvlene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 495
Delta R.T. 0.02 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

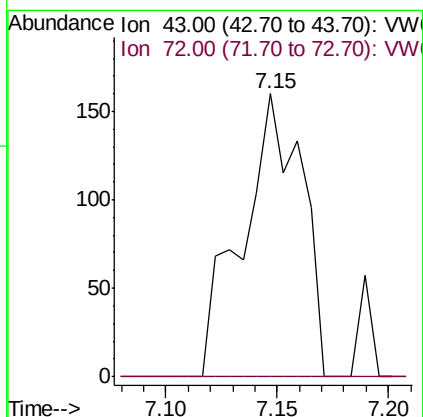
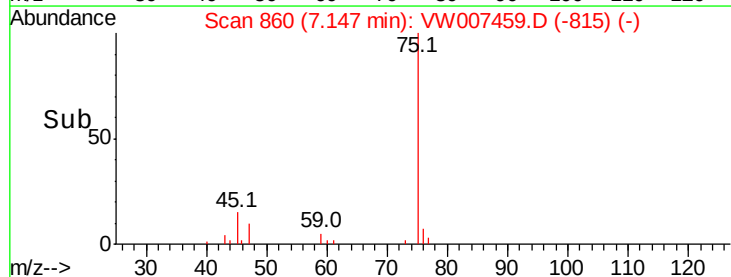
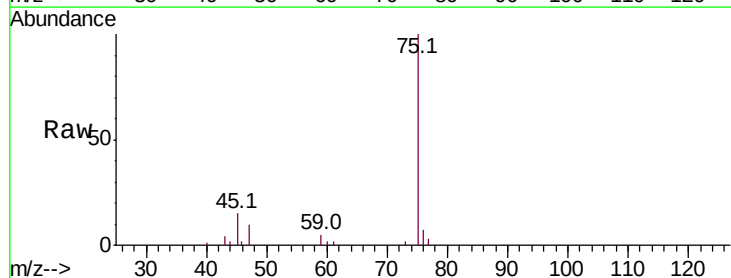
Instrument :
MSVOA_W
ClientSampleId :
SB-02A

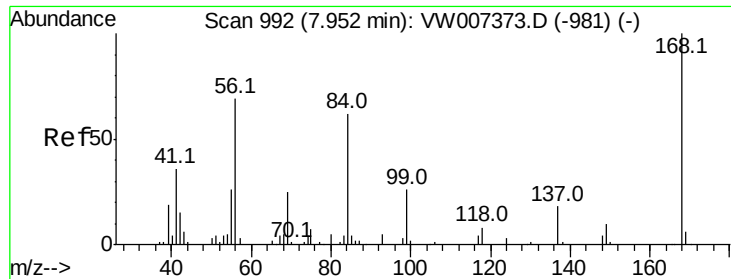
Tot Ion: 84 Resp: 1787
Ion Ratio Lower Upper
84 100
49 100.6 87.1 130.7
51 30.5 28.2 42.2
86 45.5 50.8 76.2#



#25
2-Butanone
Concen: 1.775 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

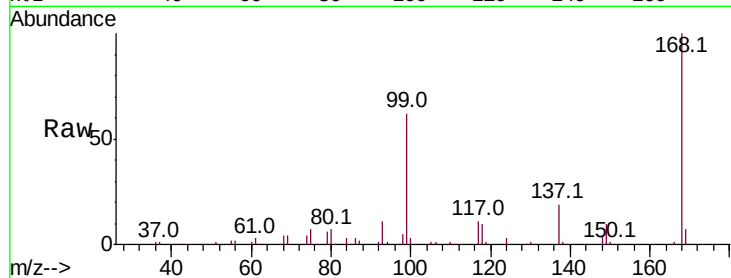




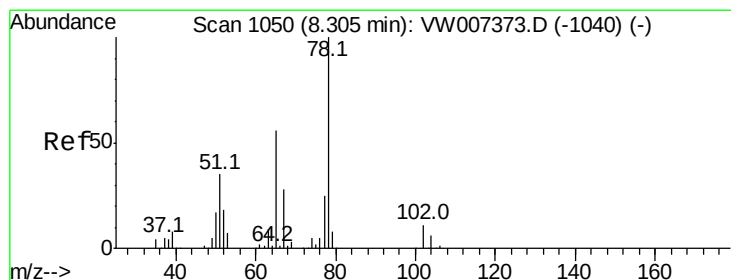
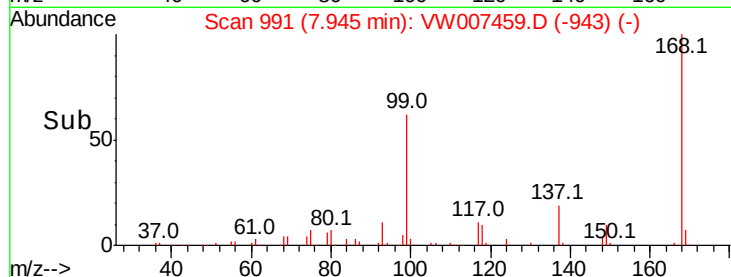
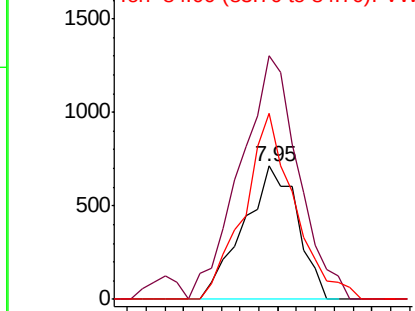
#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampled :
SB-02A

Tot Ion: 56 Resp: 1418
Ion Ratio Lower Upper
56 100
69 182.4 28.9 43.3#
84 139.8 71.8 107.6#

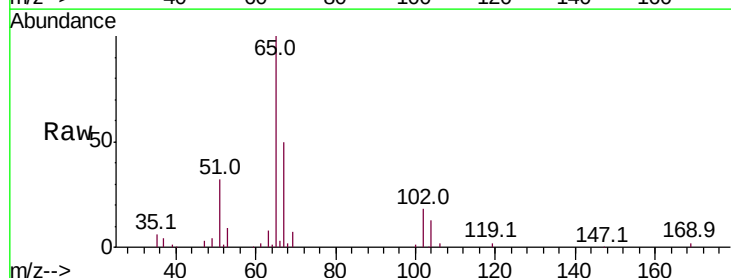


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

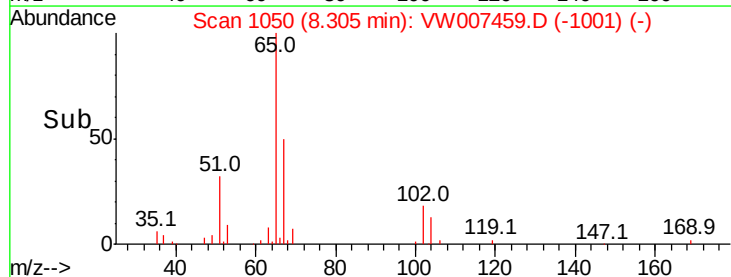
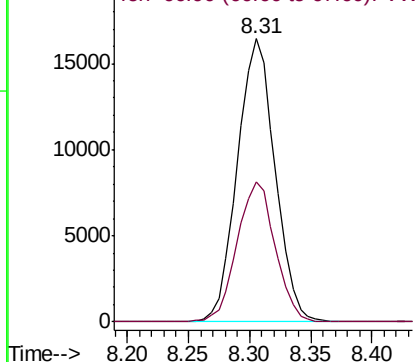


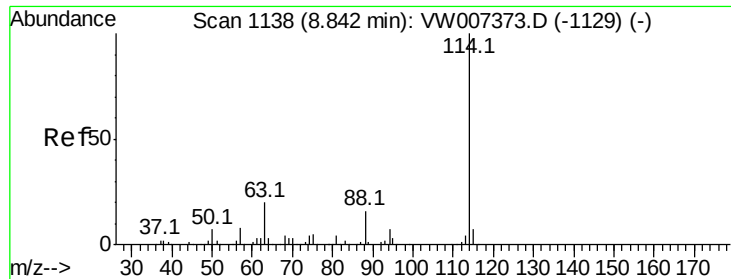
#33
1,2-Dichloroethane-d4
Concen: 47.727 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Tgt Ion: 65 Resp: 35142
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.6



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

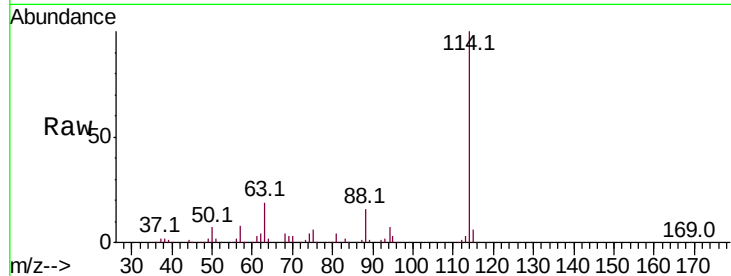




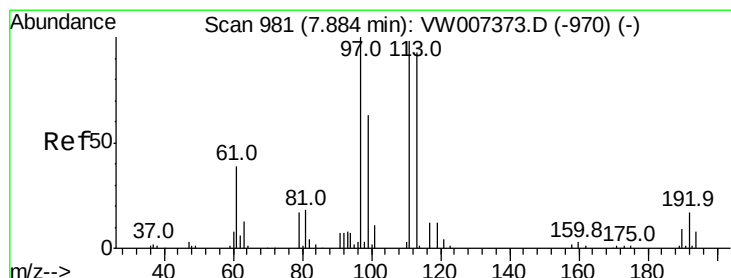
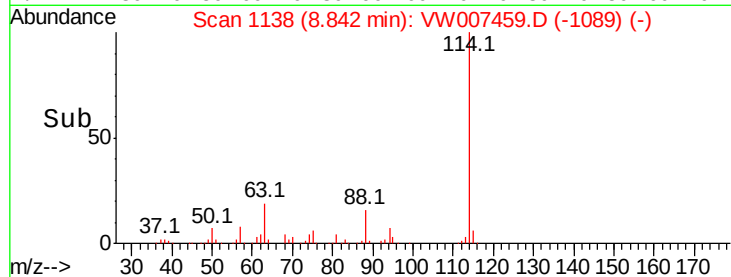
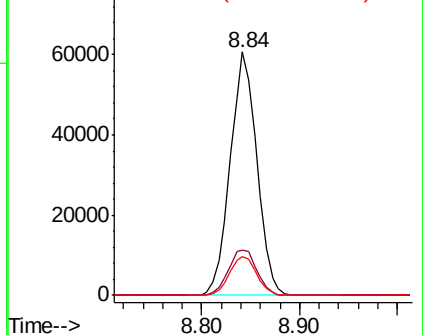
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007459.D
 Acq: 13 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02A

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.6
88	15.7	0.0	31.4

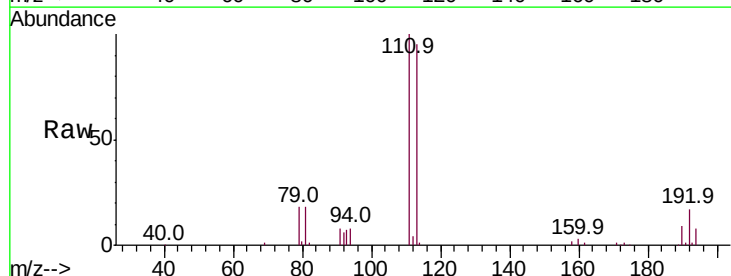


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

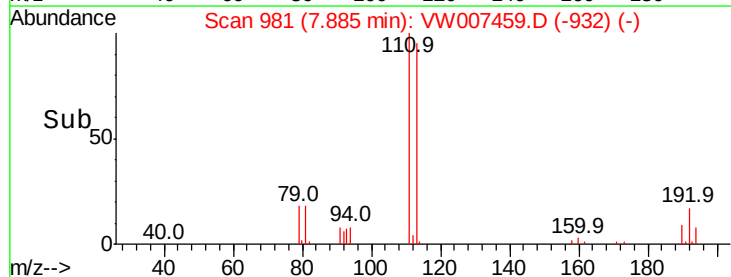
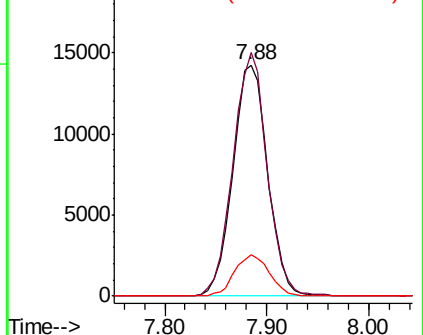


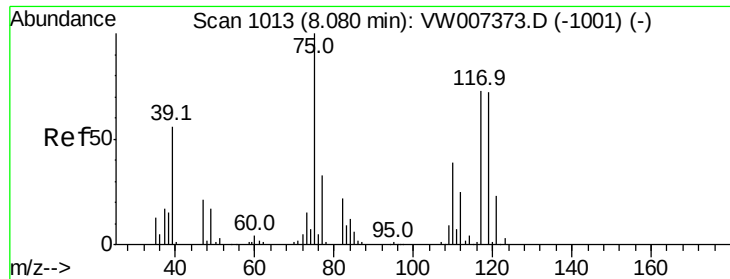
#35
 Dibromofluoromethane
 Concen: 48.499 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007459.D
 Acq: 13 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	17.7	14.6	21.8



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: 4.771 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW007459.D

Acq: 13 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

SB-02A

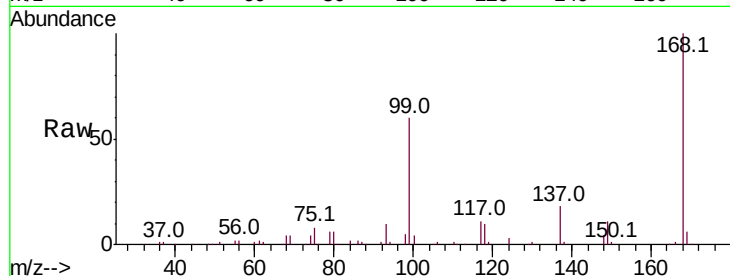
Tot Ion: 75 Resp: 5001

Ion Ratio Lower Upper

75 100

110 9.9 18.5 55.5#

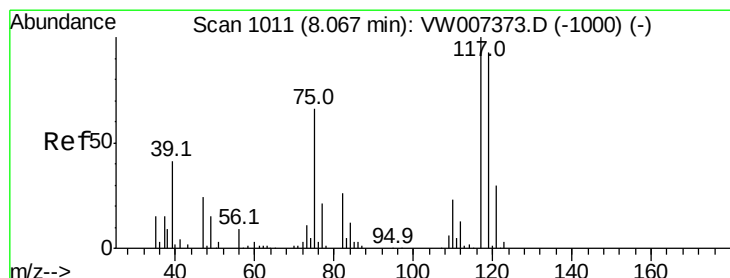
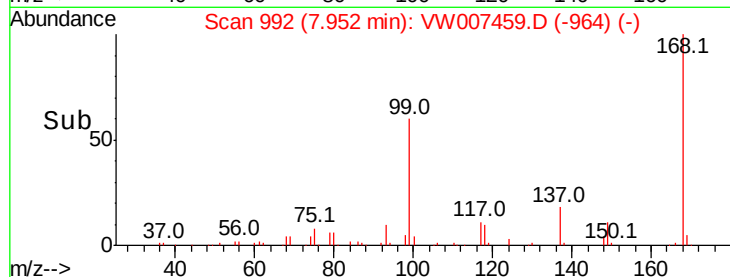
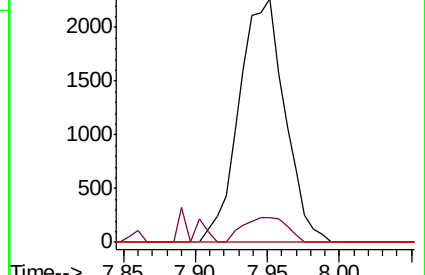
77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW



#38

Carbon Tetrachloride

Concen: 6.249 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW007459.D

Acq: 13 Dec 2018 00:56

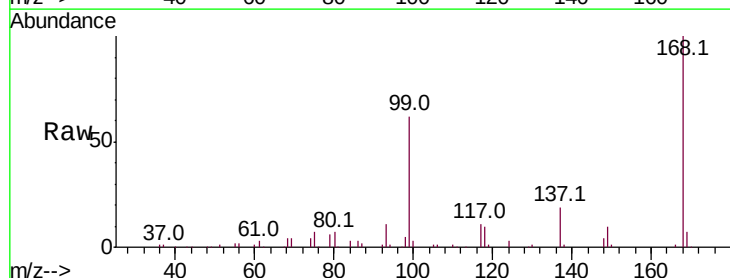
Tgt Ion: 117 Resp: 7127

Ion Ratio Lower Upper

117 100

119 5.1 74.3 111.5#

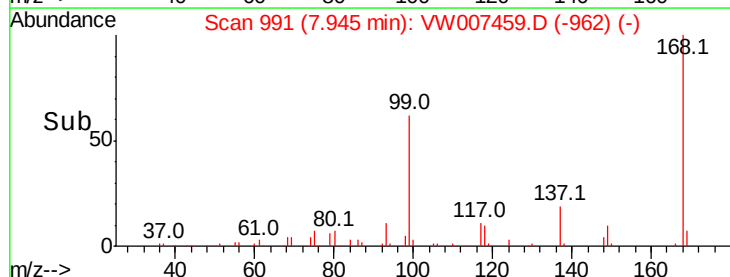
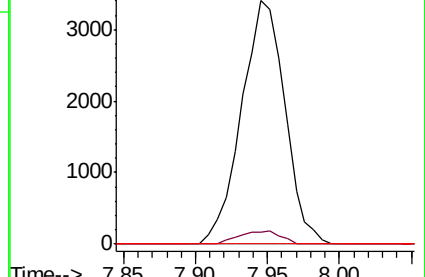
121 0.0 24.3 36.5#

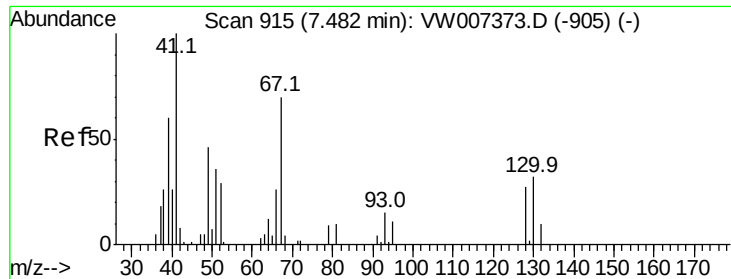


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

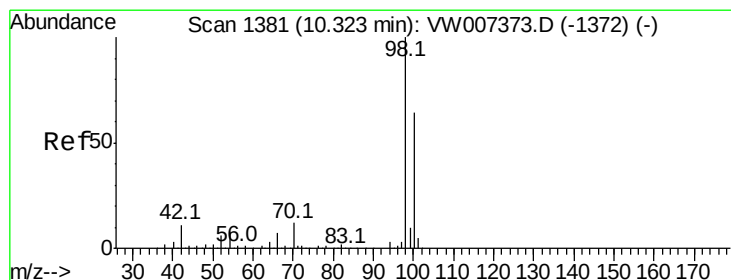
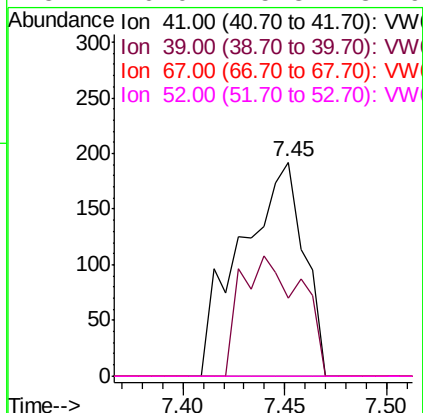
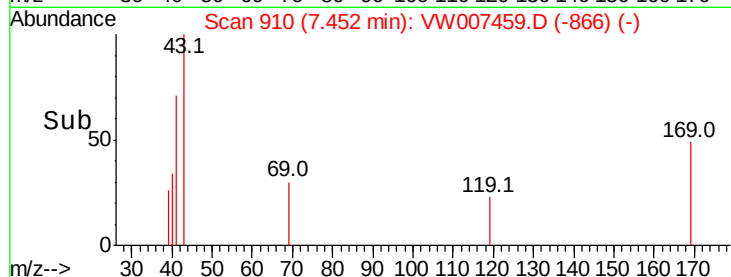
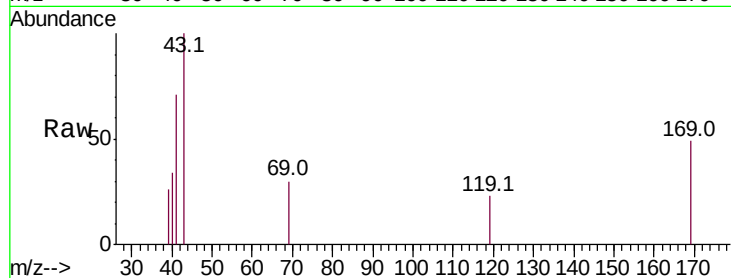




#41
Methacrylonitrile
Concen: 1.860 ug/l
RT: 7.45 min Scan# 910
Delta R.T. -0.03 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

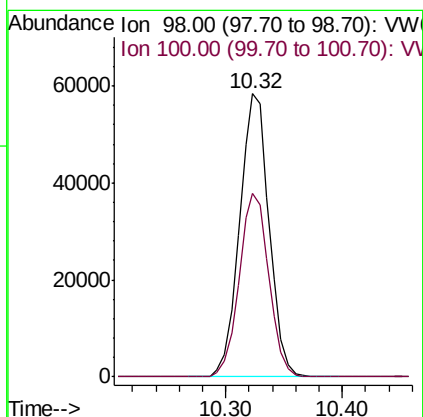
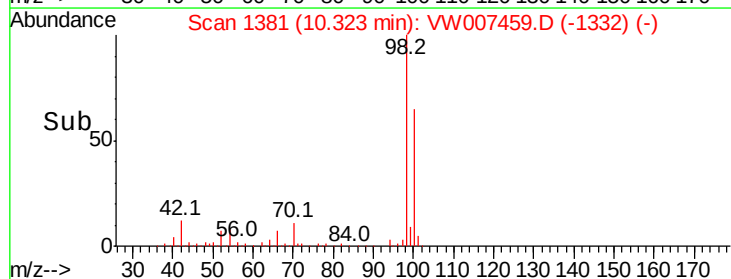
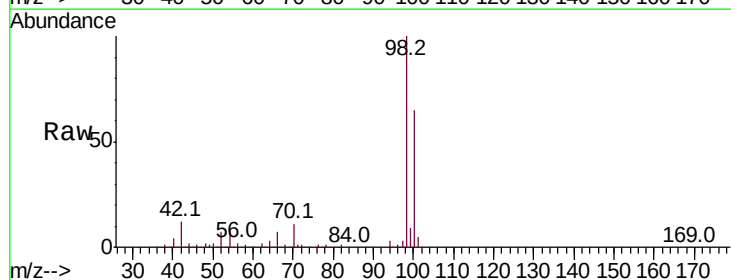
Instrument :
MSVOA_W
ClientSampled :
SB-02A

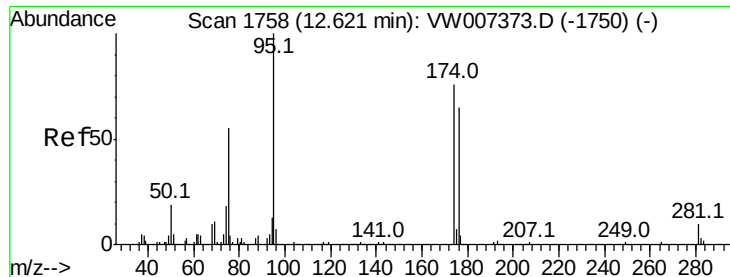
Tot Ion: 41 Resp: 413
Ion Ratio Lower Upper
41 100
39 53.5 52.2 78.2
67 0.0 60.5 90.7#
52 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 39.287 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Tgt Ion: 98 Resp: 102452
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8

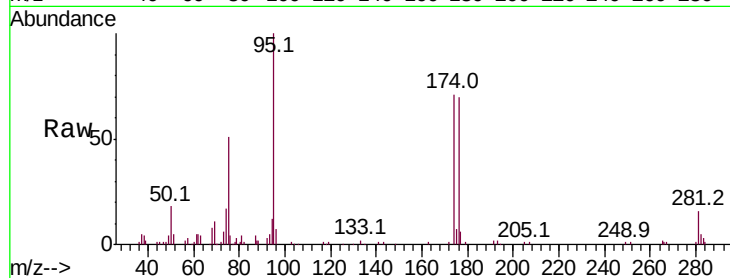




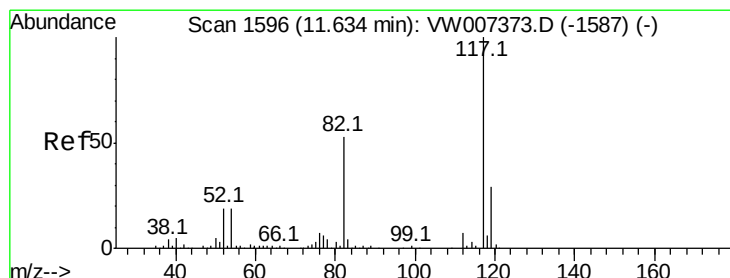
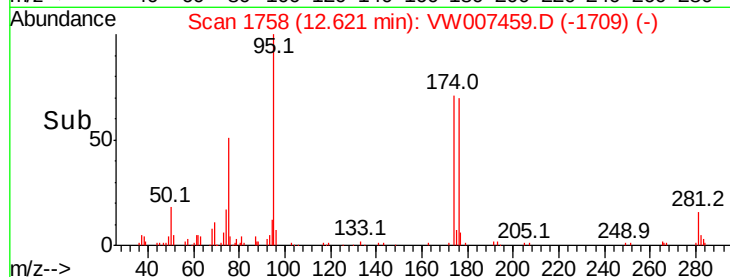
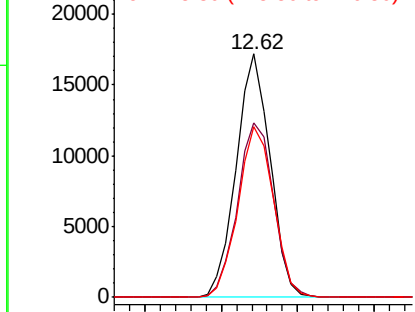
#62
4-Bromofluorobenzene
Concen: 27.612 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampled :
SB-02A

Tot Ion	95	Resp	26475
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	147.2
176	73.3	0.0	138.8

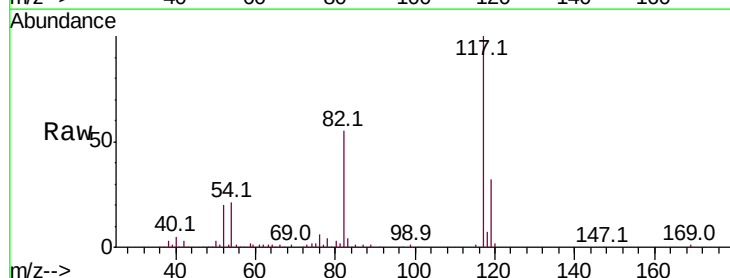


Abundance Ion 94.90 (94.60 to 95.60): VW
Ion 173.80 (173.50 to 174.50): VW
Ion 175.80 (175.50 to 176.50): VW

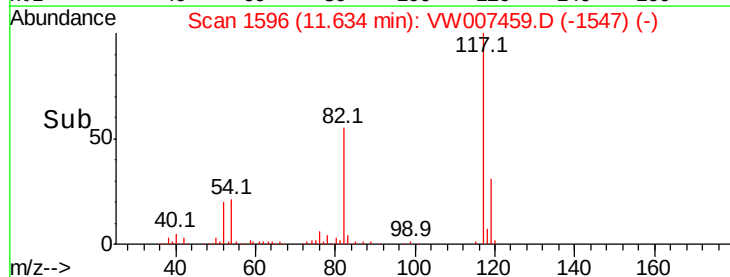
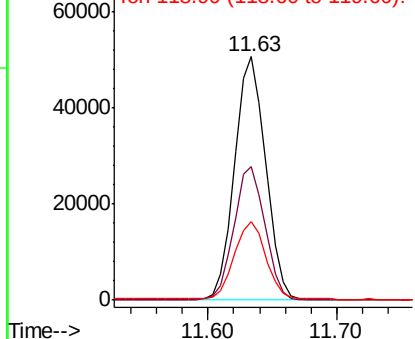


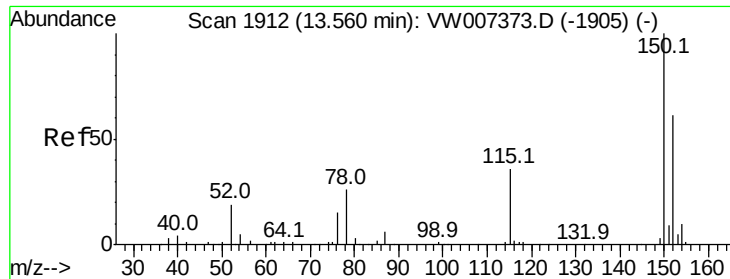
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007459.D
Acq: 13 Dec 2018 00:56

Tgt Ion	117	Resp	84902
Ion Ratio	Lower	Upper	
117	100		
82	54.7	42.3	63.5
119	31.7	23.0	34.6



Abundance Ion 116.90 (116.60 to 117.60): VW
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): VW

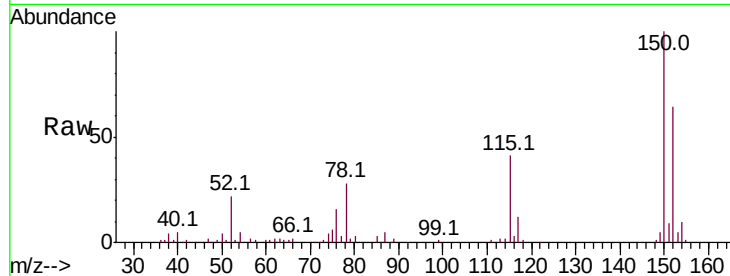




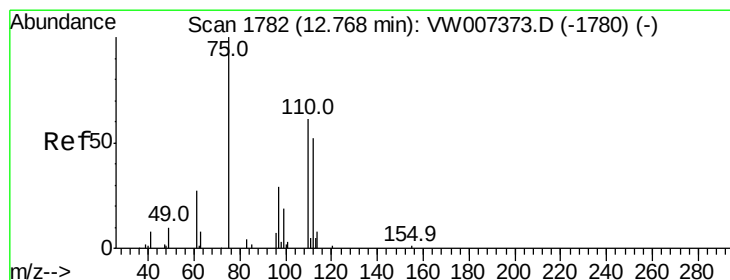
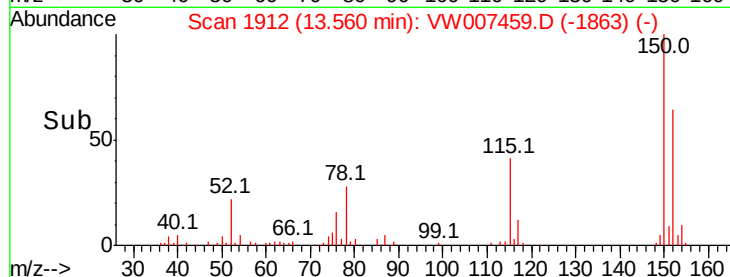
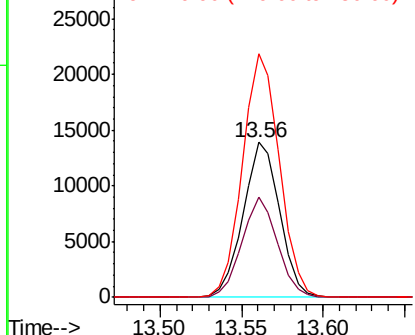
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007459.D
 Acq: 13 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02A

Tot Ion:152 Resp: 21703
 Ion Ratio Lower Upper
 152 100
 115 62.7 31.4 94.2
 150 158.6 0.0 358.4

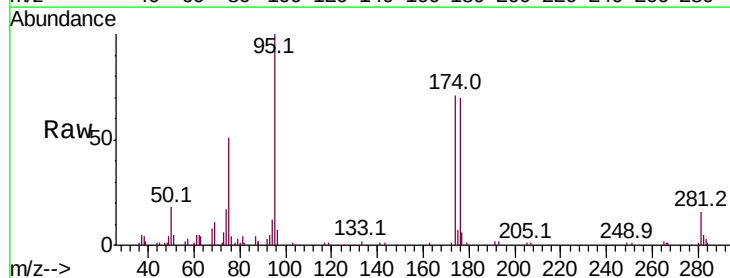


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

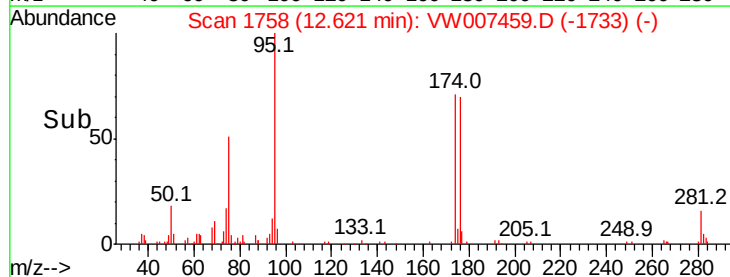
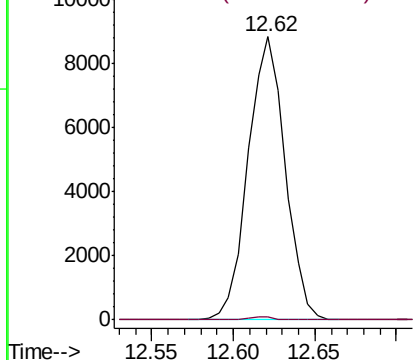


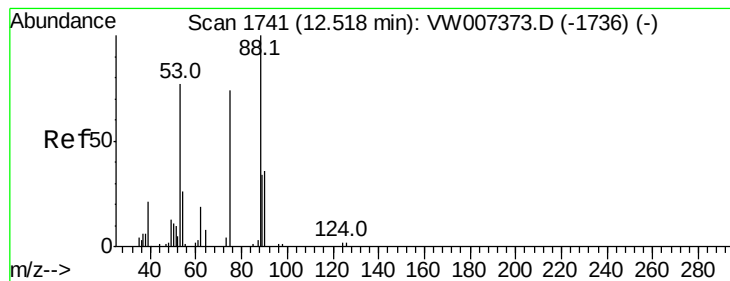
#76
 1,2,3-Trichloropropane
 Concen: 78.101 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007459.D
 Acq: 13 Dec 2018 00:56

Tgt Ion: 75 Resp: 13976
 Ion Ratio Lower Upper
 75 100
 77 0.6 166.9 500.8#



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: 172.526 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007459.D

Acq: 13 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

SB-02A

Tot Ion: 75 Resp: 13976

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.1 40.3 60.5#

