

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011970.D
 Acq On : 16 Aug 2019 17:25
 Operator : SY/VA
 Sample : K4366-07
 Misc : 5.06G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-7

Quant Time: Aug 17 05:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	140289	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	153653	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.88	113	121495	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
50) Toluene-d8	10.32	98	499006	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	161229	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	

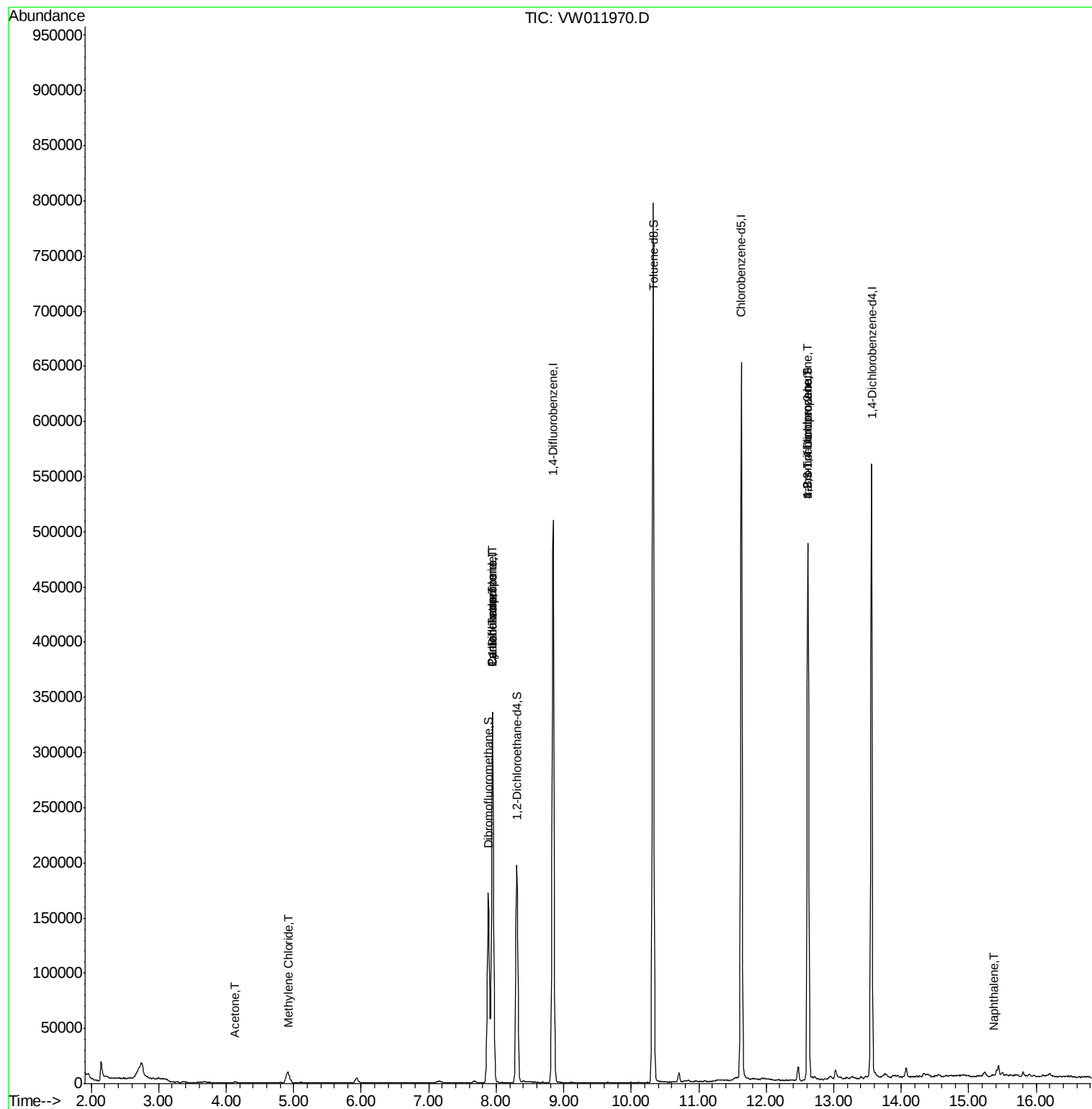
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.18	59	175	Below Cal	#	72
16) Acetone	4.13	43	1766	1.994	ug/l	100
20) Methylene Chloride	4.92	84	7042	2.305	ug/l	93
31) Cyclohexane	7.94	56	6040	1.160	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	20953	4.975	ug/l #	50
38) Carbon Tetrachloride	7.95	117	24475	6.788	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	85644	57.695	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85644	132.968	ug/l #	6
95) Naphthalene	15.36	128	143	2.091	ug/l #	1

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

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Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 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: VW011970.D

Acq: 16 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampled :

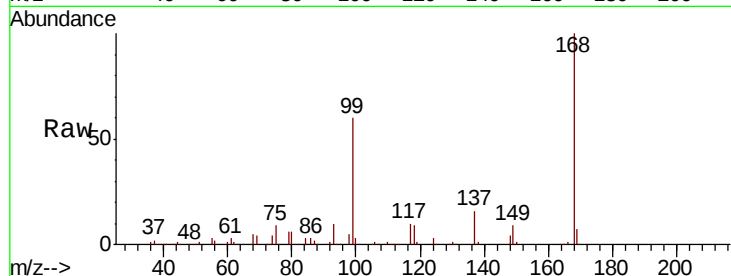
PX-7

Tgt Ion:168 Resp: 242469

Ion Ratio Lower Upper

168 100

99 60.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

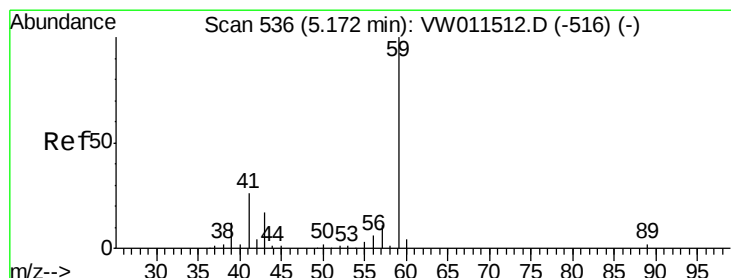
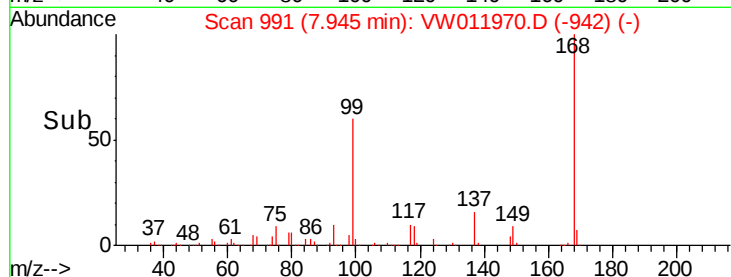
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.18 min Scan# 537

Delta R.T. 0.01 min

Lab File: VW011970.D

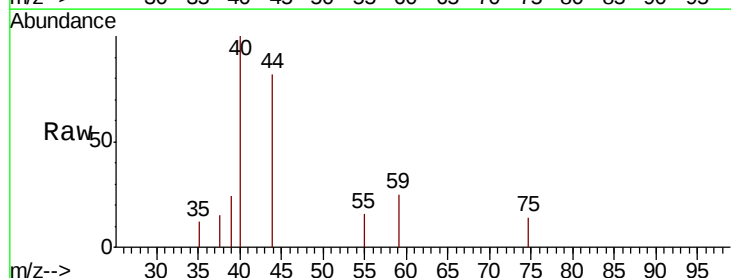
Acq: 16 Aug 2019 17:25

Tgt Ion: 59 Resp: 175

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.18

120

100

80

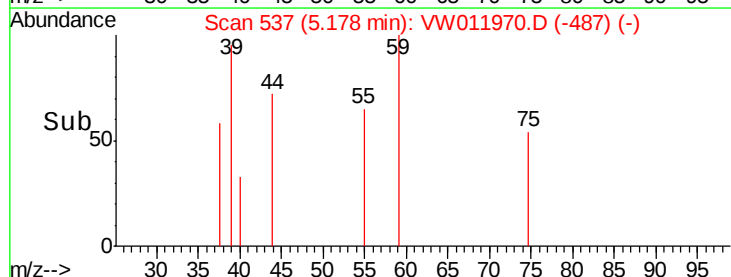
60

40

20

0

Time-->





#16

Acetone

Concen: 1.994 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

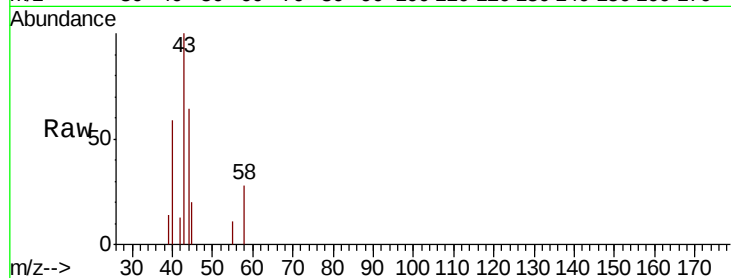
PX-7

Tgt Ion: 43 Resp: 1766

Ion Ratio Lower Upper

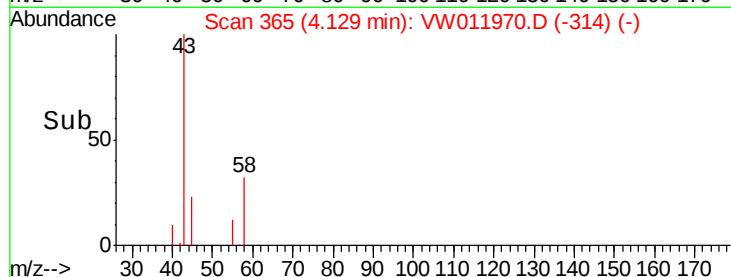
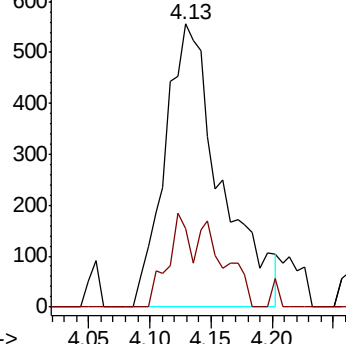
43 100

58 27.9 22.3 33.5

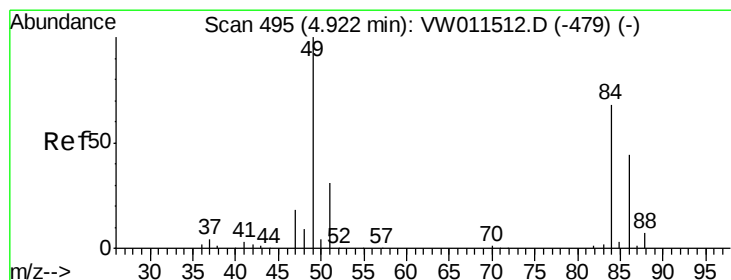


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#20

Methylene Chloride

Concen: 2.305 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

Tgt Ion: 84 Resp: 7042

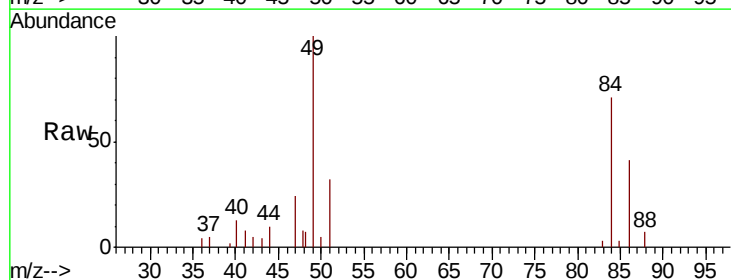
Ion Ratio Lower Upper

84 100

49 136.7 117.8 176.6

51 44.4 37.0 55.4

86 57.9 51.8 77.8

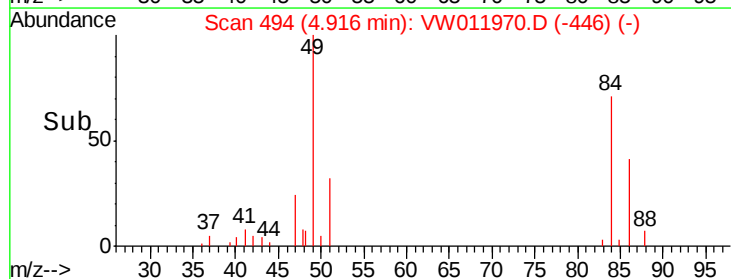
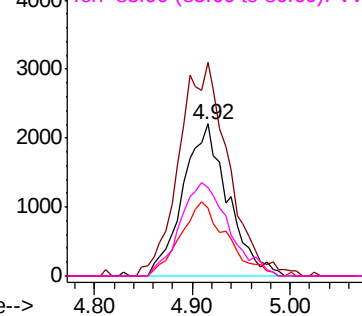


Abundance Ion 83.90 (83.60 to 84.60): VW

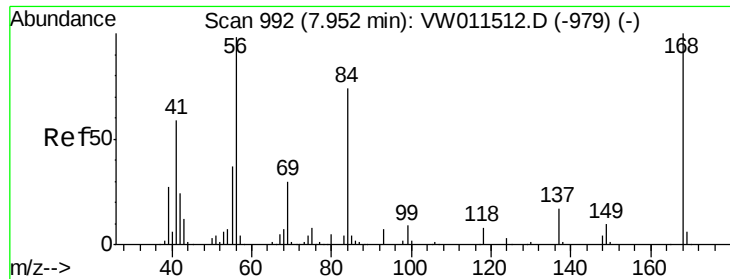
Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



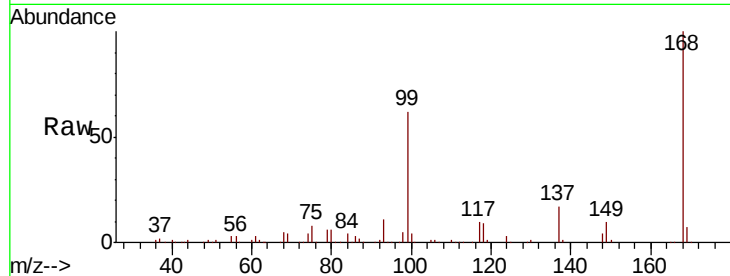
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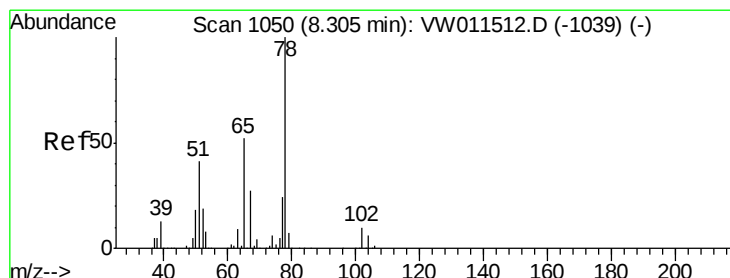
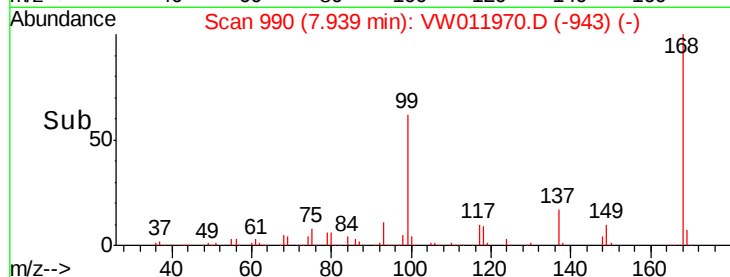
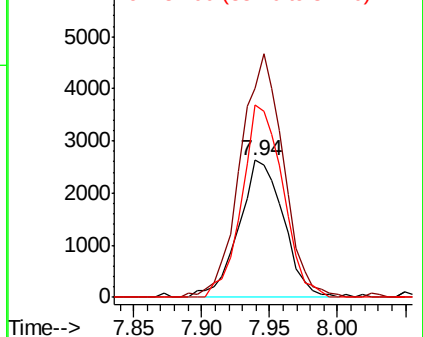
#31
Cyclohexane
Concen: 1.160 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW011970.D
Acq: 16 Aug 2019 17:25

Instrument :
MSVOA_W
ClientSampled :
PX-7

Tgt Ion: 56 Resp: 6040
Ion Ratio Lower Upper
56 100
69 149.9 24.3 36.5#
84 139.8 60.4 90.6#

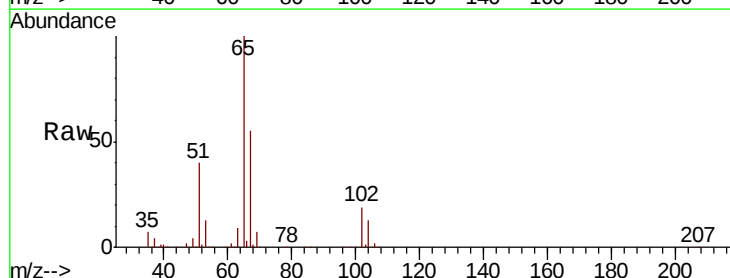


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

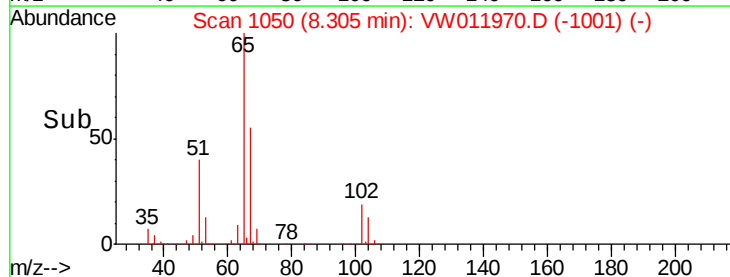
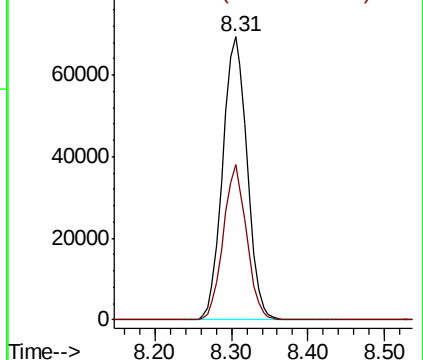


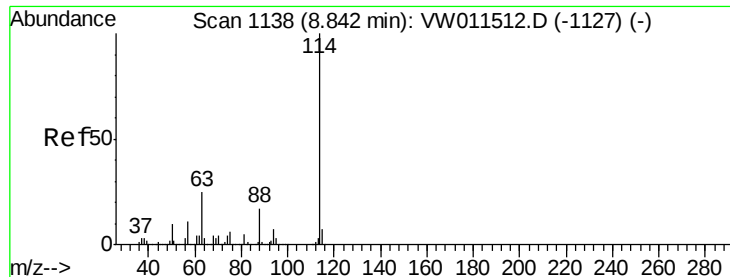
#33
1,2-Dichloroethane-d4
Concen: 55.187 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011970.D
Acq: 16 Aug 2019 17:25

Tgt Ion: 65 Resp: 153653
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2



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

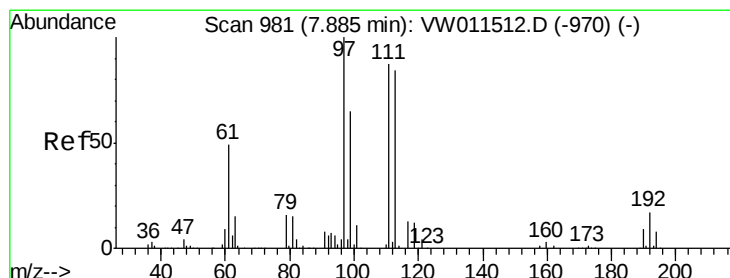
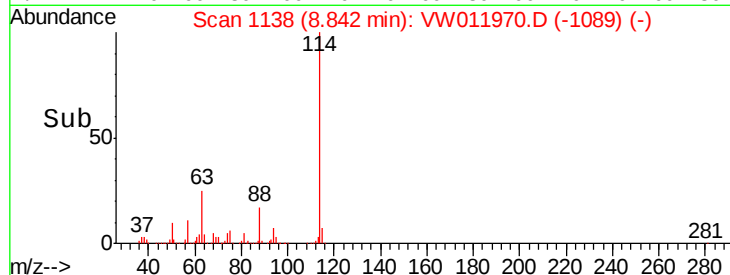
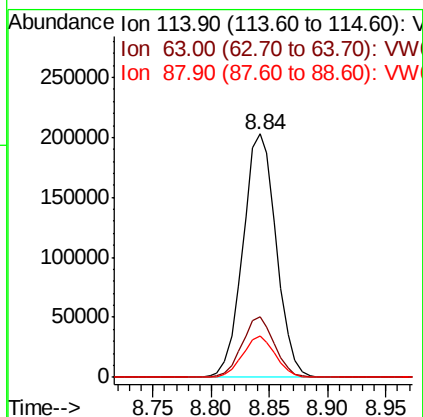
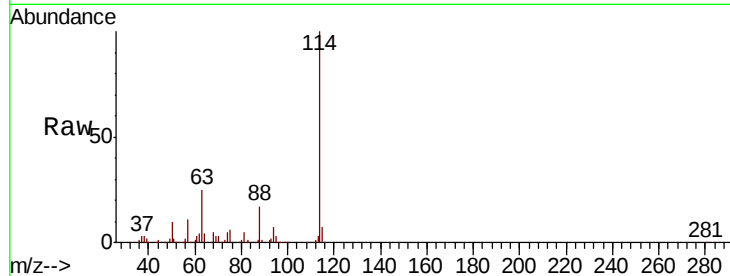




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011970.D
 Acq: 16 Aug 2019 17:25

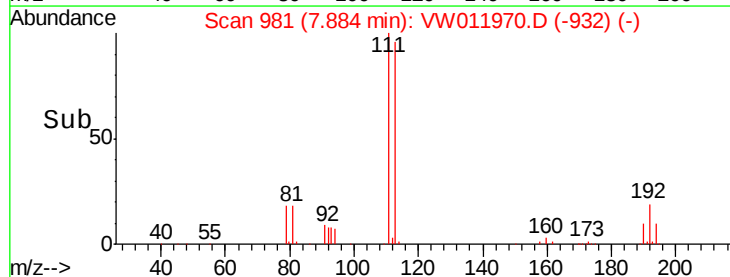
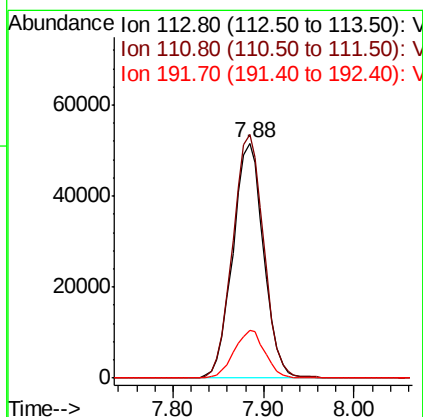
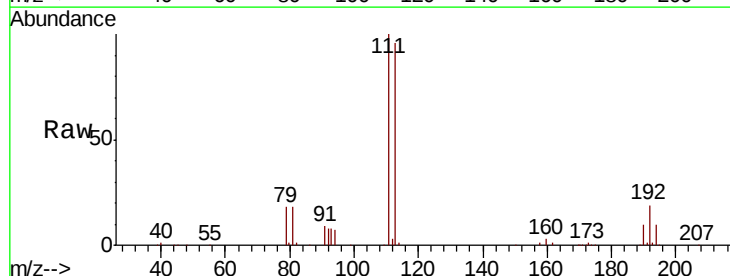
Instrument :
 MSVOA_W
 ClientSampled :
 PX-7

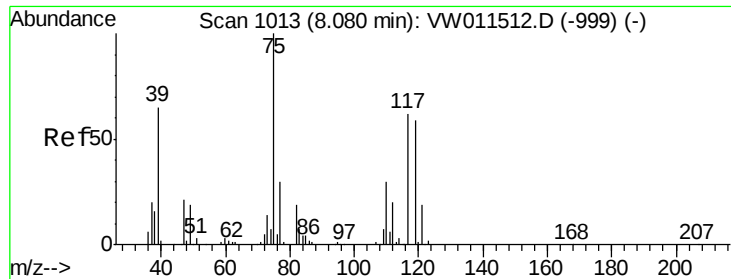
Tgt Ion:114 Resp: 405043
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 16.8 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 53.466 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011970.D
 Acq: 16 Aug 2019 17:25

Tgt Ion:113 Resp: 121495
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.7 124.1
 192 20.3 16.1 24.1

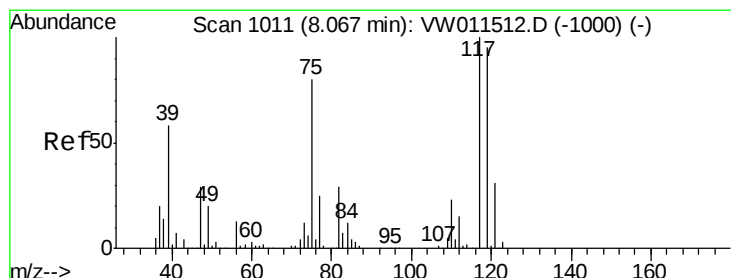
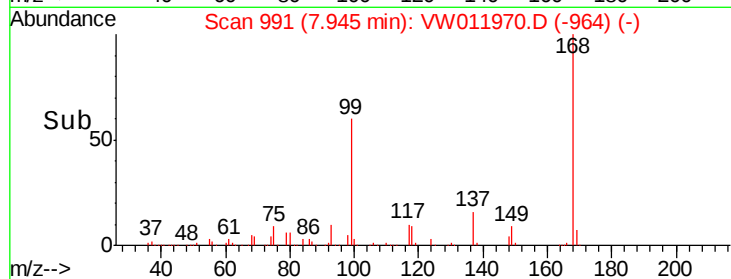
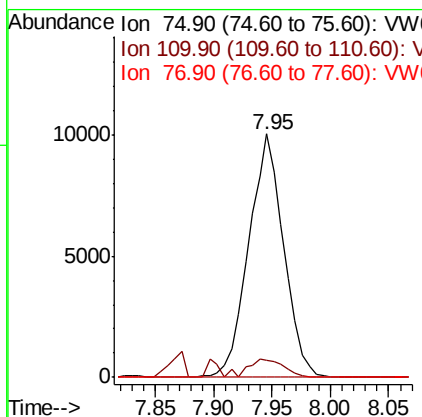
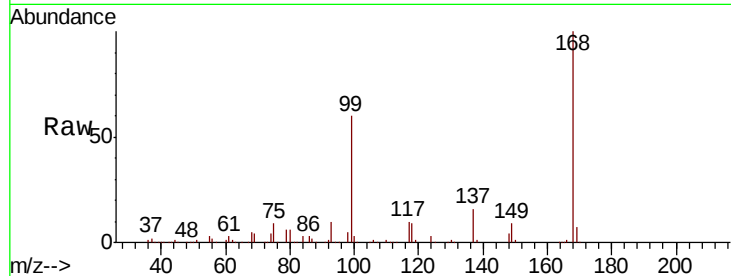




#36
 1,1-Dichloropropene
 Concen: 4.975 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011970.D
 Acq: 16 Aug 2019 17:25

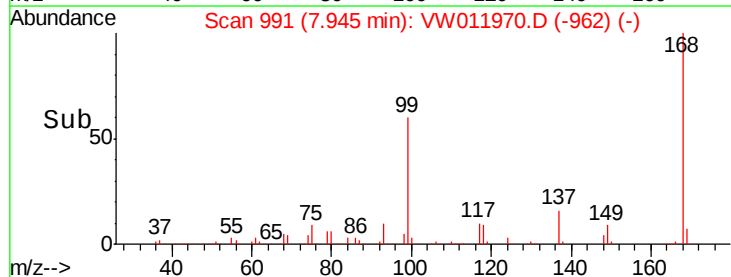
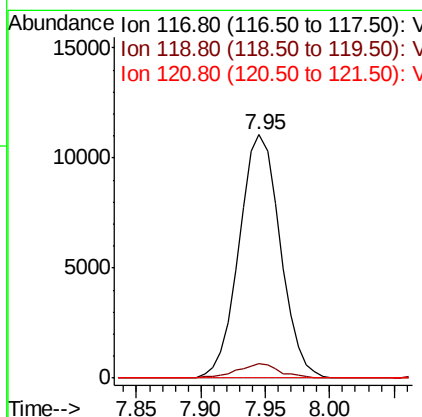
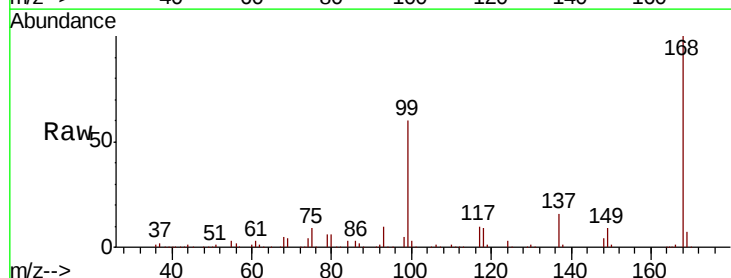
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 MSVOA_W
 ClientSampled :
 PX-7

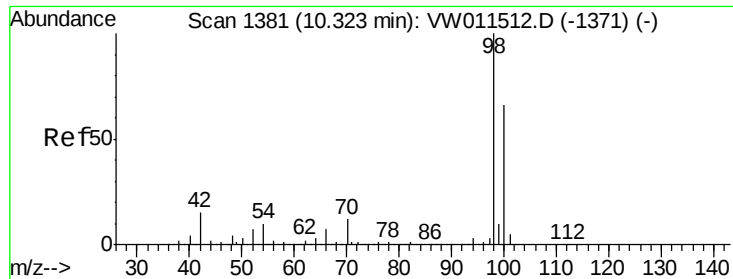
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.1	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.788 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011970.D
 Acq: 16 Aug 2019 17:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 53.635 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

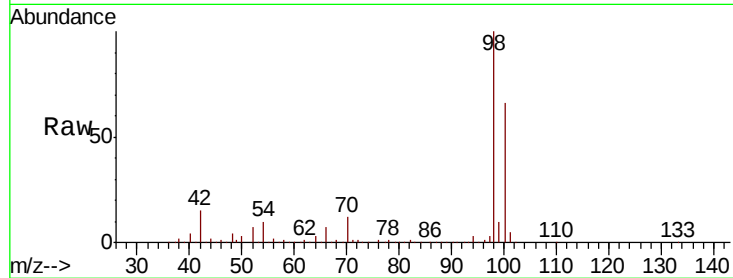
PX-7

Tgt Ion: 98 Resp: 499006

Ion Ratio Lower Upper

98 100

100 65.1 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

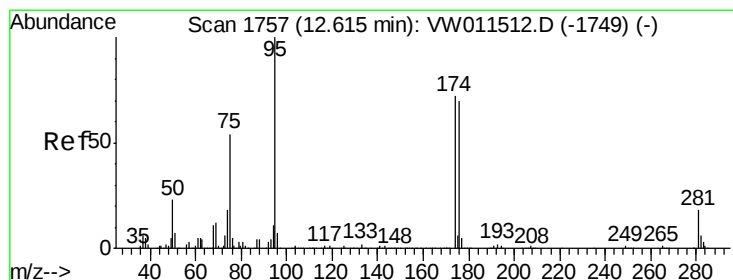
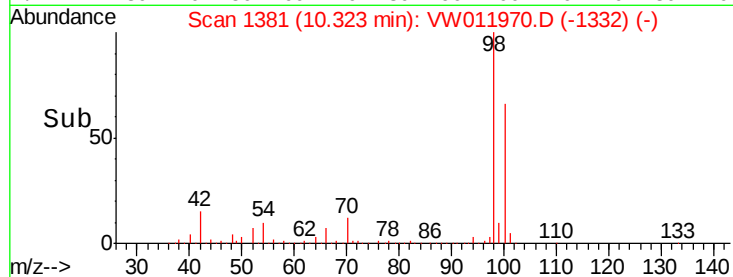
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.607 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

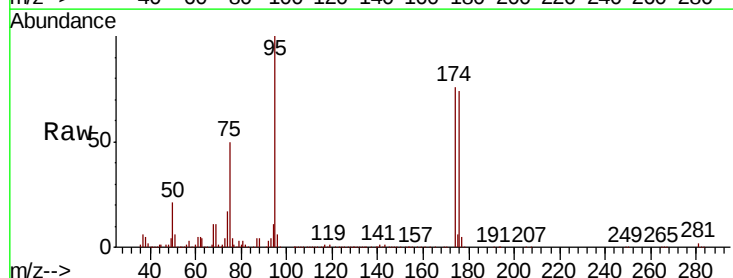
Tgt Ion: 95 Resp: 161229

Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.2

176 72.5 0.0 144.4



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

12.62

120000

100000

80000

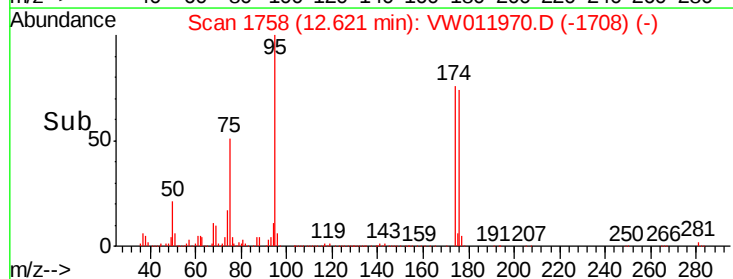
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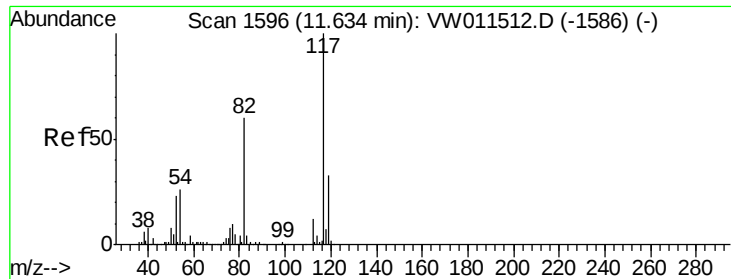
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Time-->

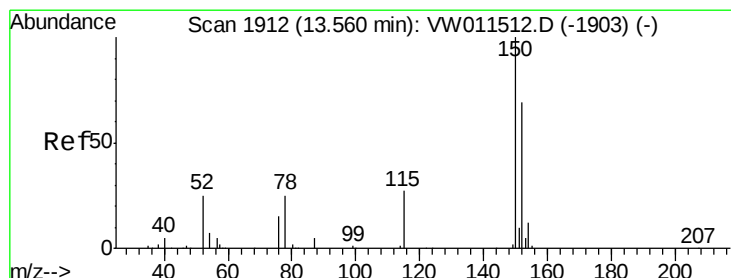
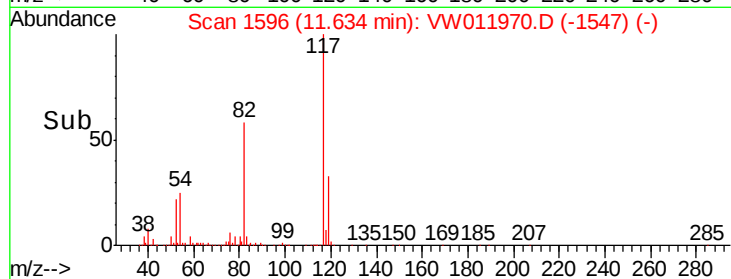
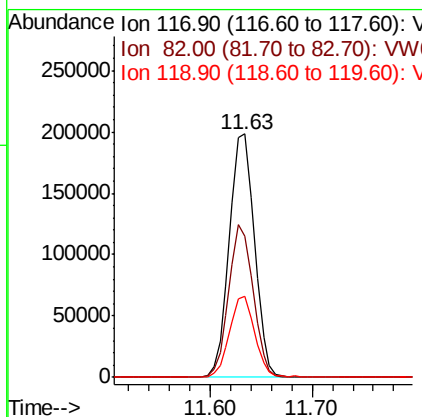
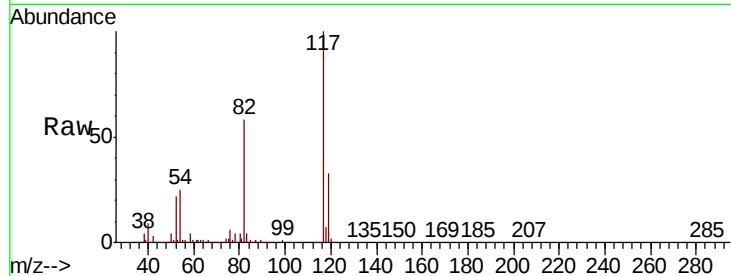




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011970.D
Acq: 16 Aug 2019 17:25

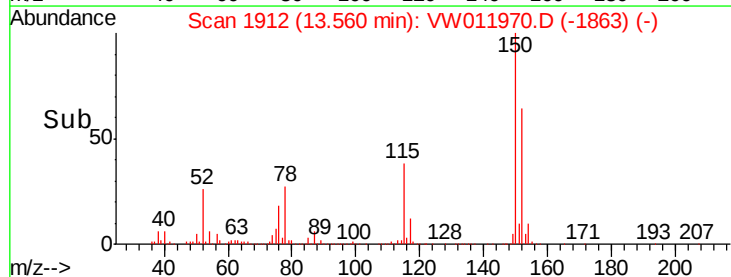
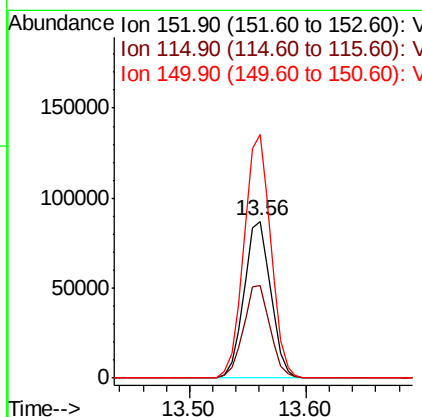
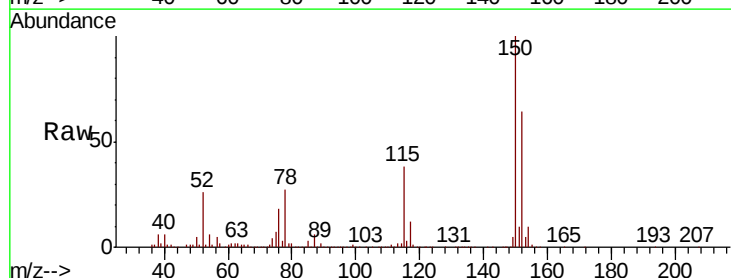
Instrument :
MSVOA_W
ClientSampled :
PX-7

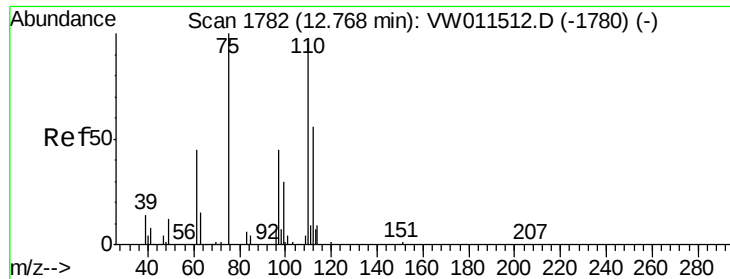
Tgt Ion:117 Resp: 338476
Ion Ratio Lower Upper
117 100
82 58.0 47.9 71.9
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011970.D
Acq: 16 Aug 2019 17:25

Tgt Ion:152 Resp: 140289
Ion Ratio Lower Upper
152 100
115 58.9 30.5 91.5
150 155.3 0.0 352.6





#76

1,2,3-Trichloropropane

Concen: 57.695 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

Instrument :

MSVOA_W

ClientSampleId :

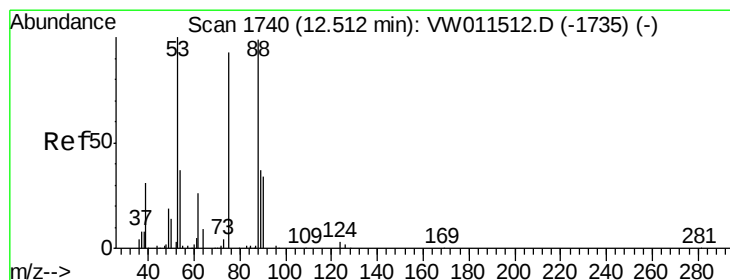
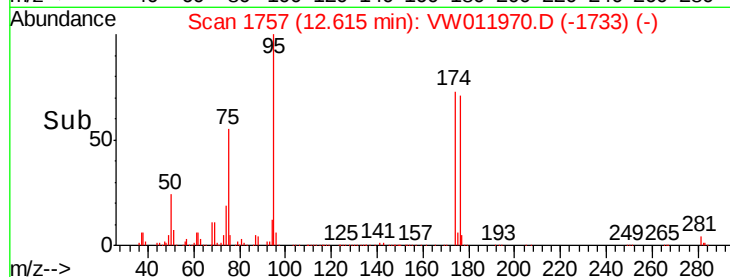
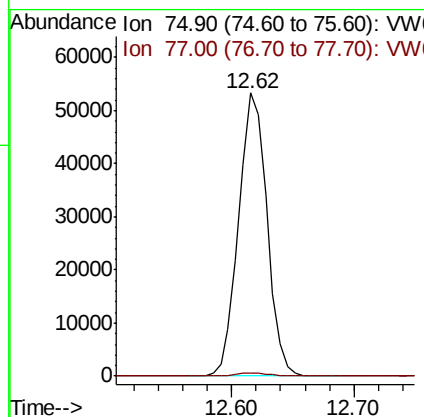
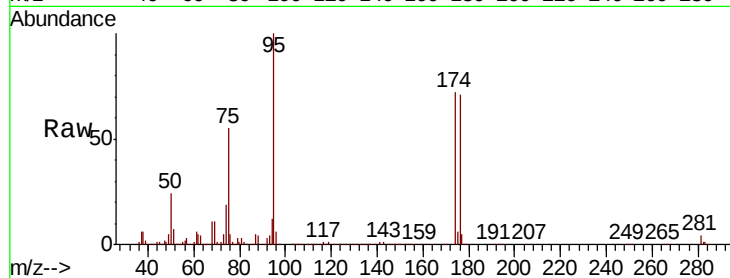
PX-7

Tgt Ion: 75 Resp: 85644

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 132.968 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011970.D

Acq: 16 Aug 2019 17:25

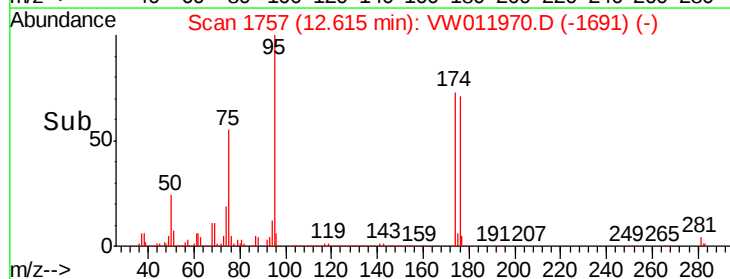
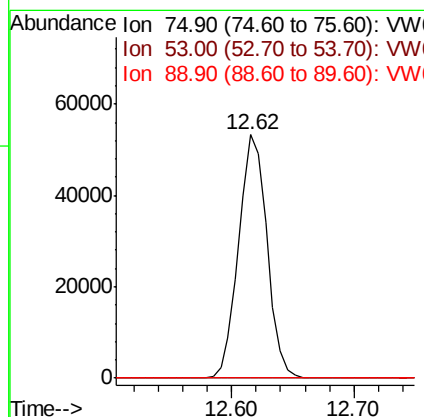
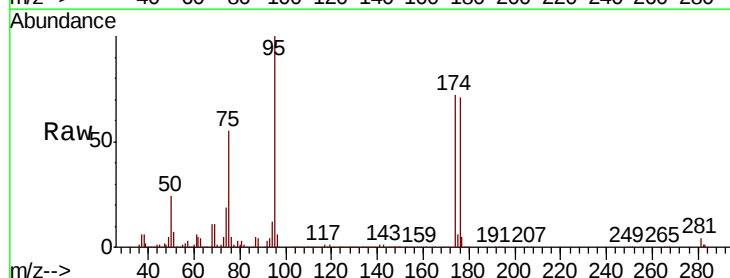
Tgt Ion: 75 Resp: 85644

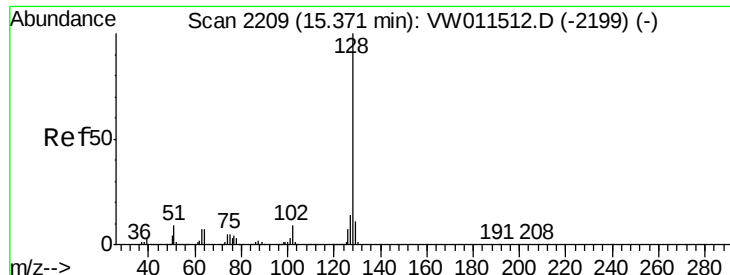
Ion Ratio Lower Upper

75 100

53 0.3 88.0 132.0#

89 0.0 35.3 52.9#

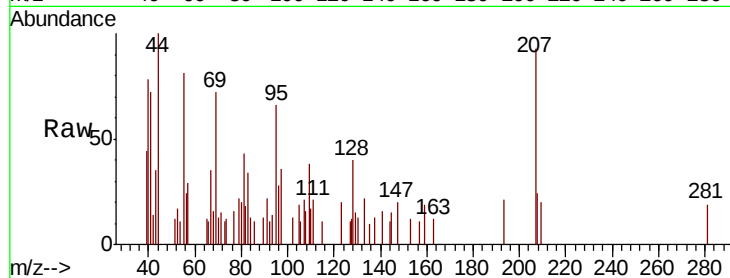




#95
Naphthalene
Concen: 2.091 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011970.D
Acq: 16 Aug 2019 17:25

Instrument :
MSVOA_W
ClientSampleId :
PX-7

Tgt Ion:128 Resp: 143
Ion Ratio Lower Upper
128 100
127 48.3 10.6 16.0#
129 137.8 8.6 13.0#



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

