

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011969.D
 Acq On : 16 Aug 2019 17:00
 Operator : SY/VA
 Sample : K4366-06
 Misc : 5.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-6

Quant Time: Aug 17 05:00:42 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	232580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145587	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	156167	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.94%	
35) Dibromofluoromethane	7.88	113	119375	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
50) Toluene-d8	10.32	98	483630	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	165715	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	

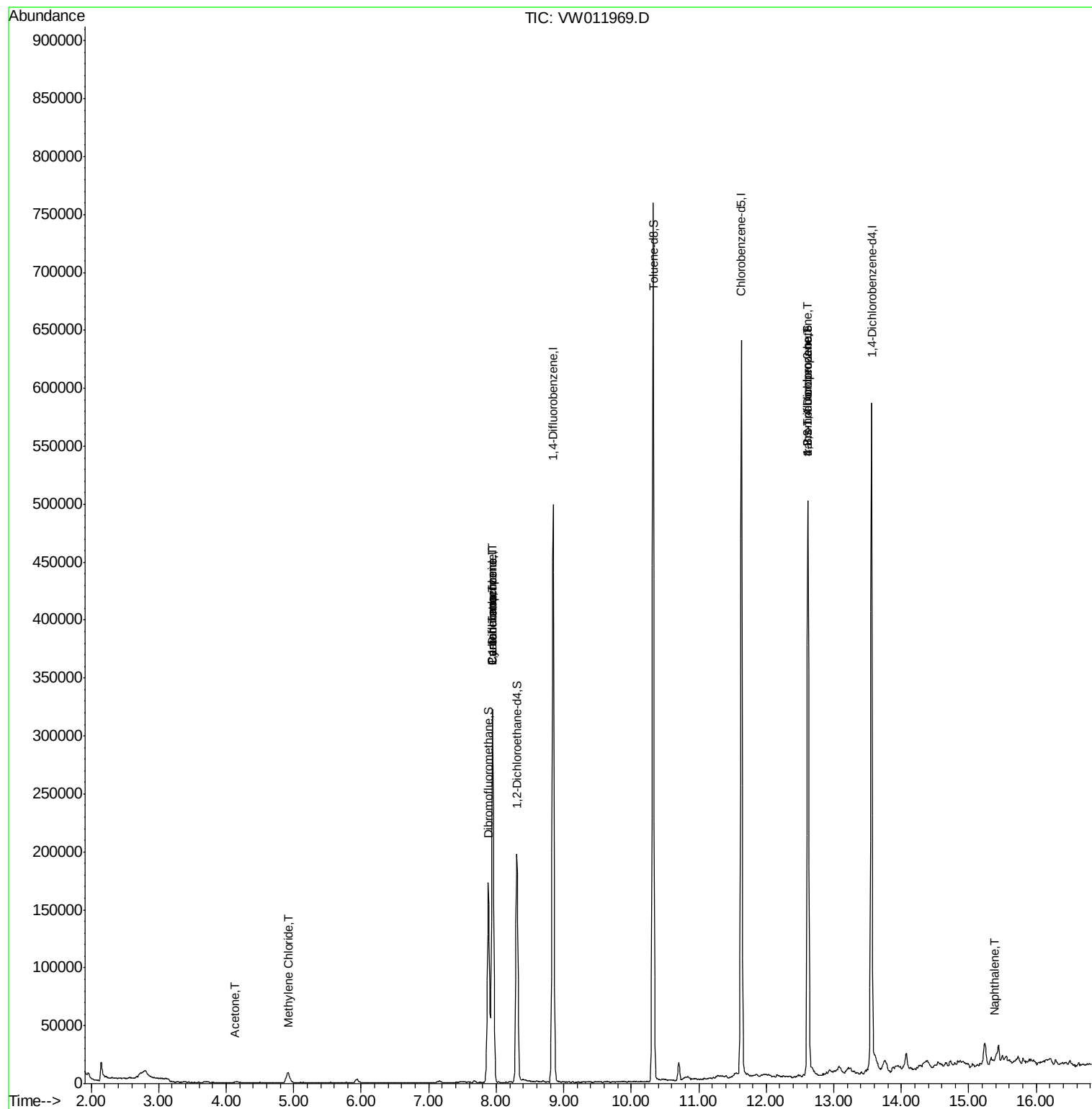
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	114	Below Cal	#	72
16) Acetone	4.13	43	1678	1.975	ug/l #	88
20) Methylene Chloride	4.92	84	6768	2.310	ug/l #	92
31) Cyclohexane	7.95	56	5562	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19720	4.836	ug/l #	53
38) Carbon Tetrachloride	7.95	117	23732	6.798	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	86294	56.018	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	86294	129.101	ug/l #	6
95) Naphthalene	15.38	128	331	2.121	ug/l #	63

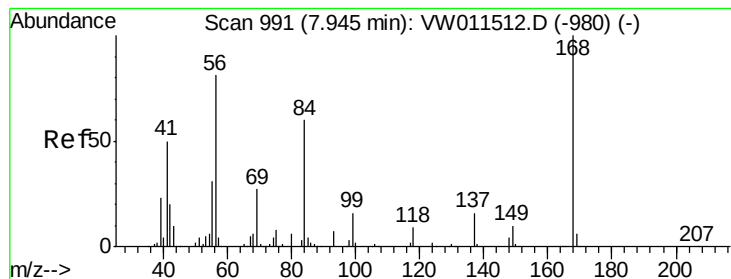
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011969.D

Acq: 16 Aug 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

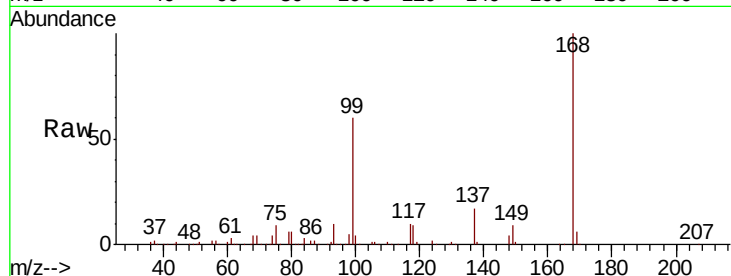
PX-6

Tgt Ion: 168 Resp: 232580

Ion Ratio Lower Upper

168 100

99 59.6 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

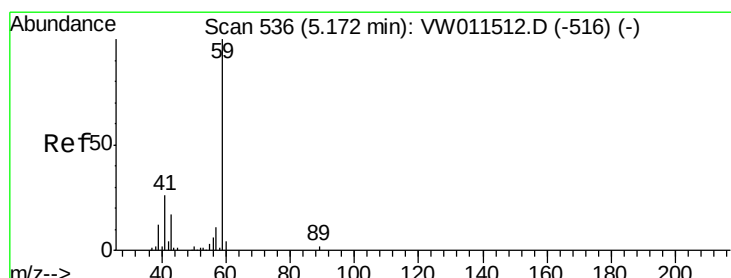
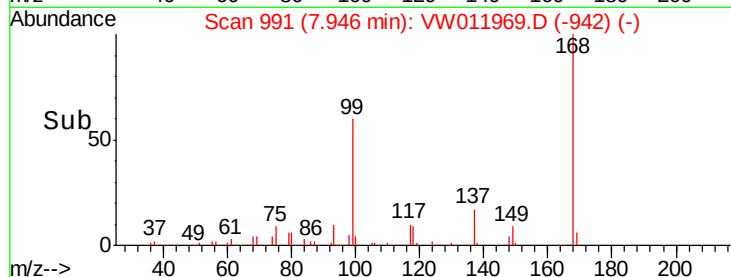
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 536

Delta R.T. 0.00 min

Lab File: VW011969.D

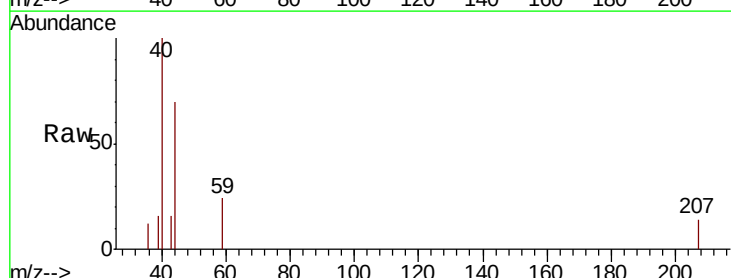
Acq: 16 Aug 2019 17:00

Tgt Ion: 59 Resp: 114

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

5.17

120

100

80

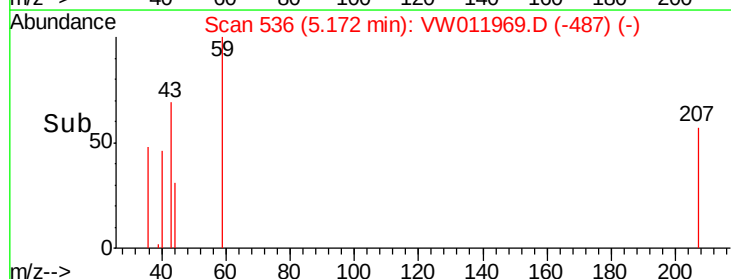
60

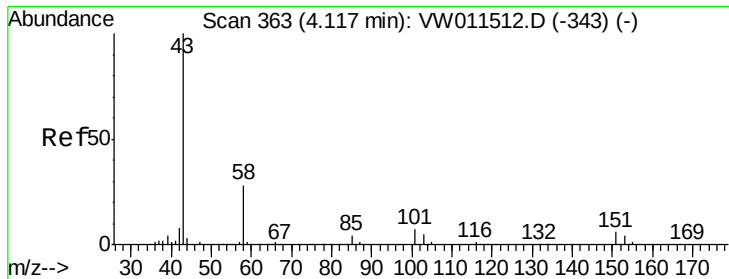
40

20

0

Time--> 5.16 5.17 5.18 5.19





#16

Acetone

Concen: 1.975 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011969.D

Acq: 16 Aug 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

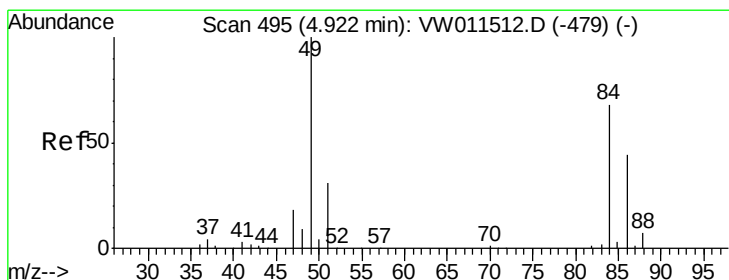
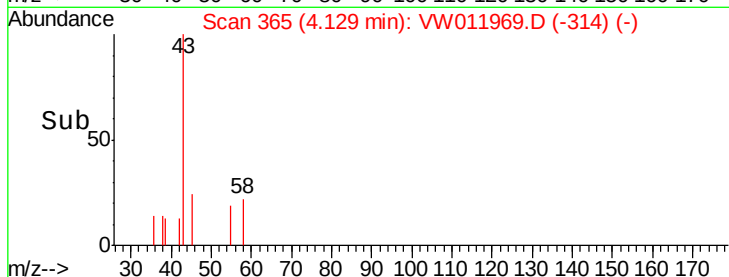
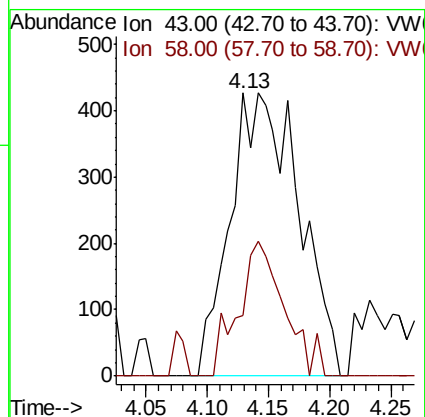
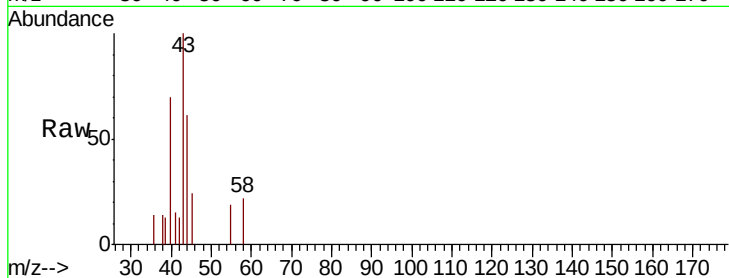
PX-6

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 21.5 22.3 33.5#



#20

Methylene Chloride

Concen: 2.310 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011969.D

Acq: 16 Aug 2019 17:00

Tgt Ion: 84 Resp: 6768

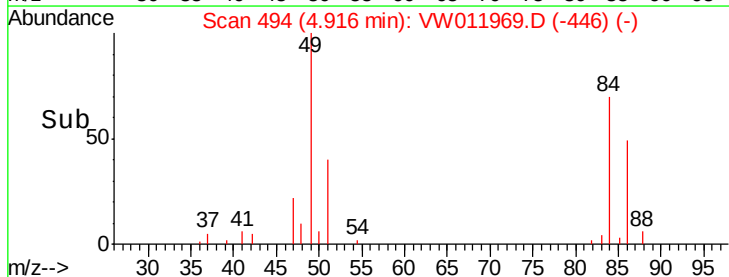
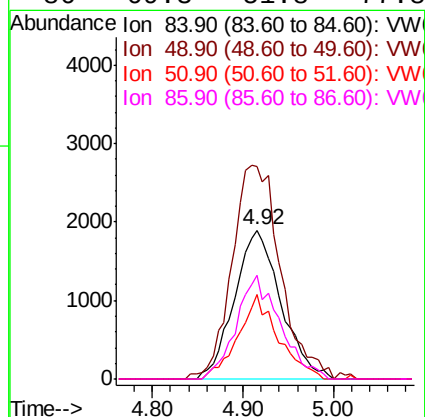
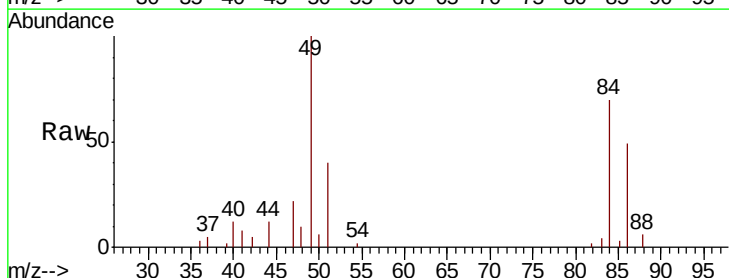
Ion Ratio Lower Upper

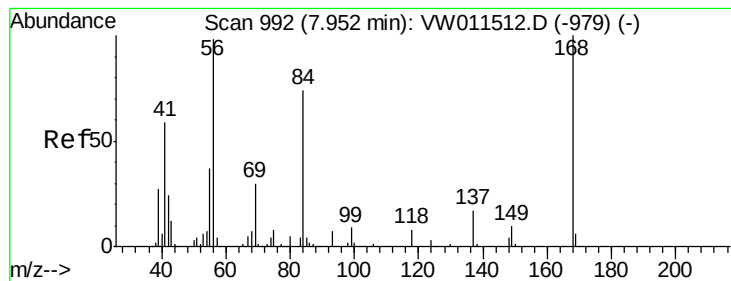
84 100

49 138.6 117.8 176.6

51 56.3 37.0 55.4#

86 69.3 51.8 77.8





#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011969.D

Acq: 16 Aug 2019 17:00

Instrument :

MSVOA_W

ClientSampled :

PX-6

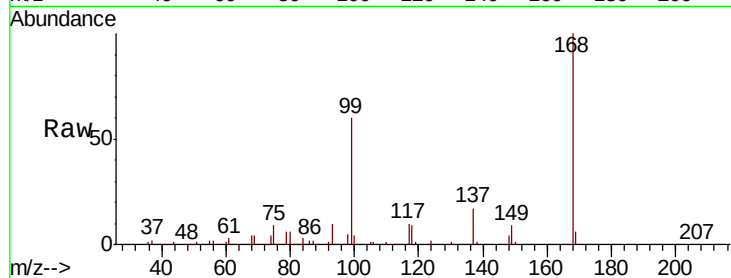
Tgt Ion: 56 Resp: 5562

Ion Ratio Lower Upper

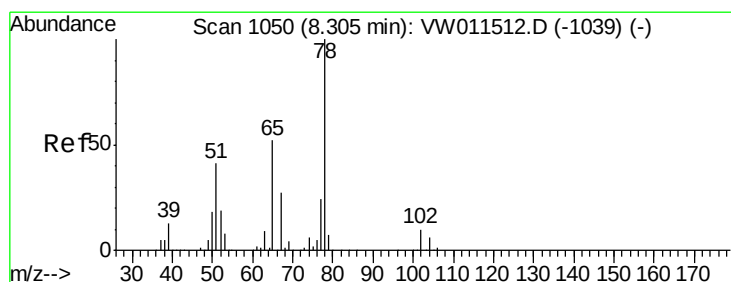
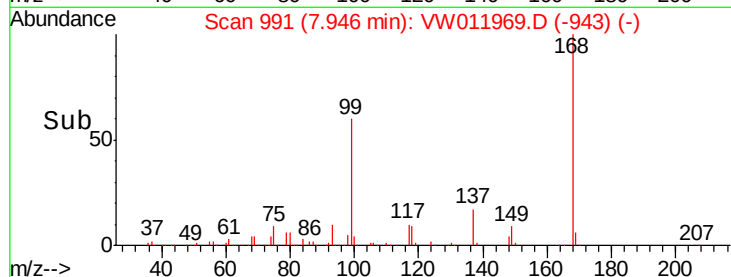
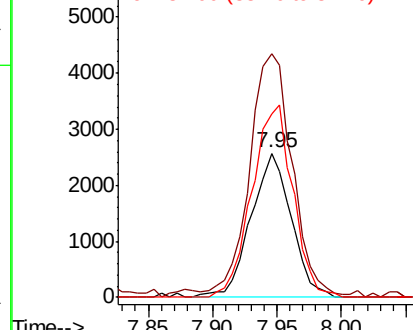
56 100

69 167.0 24.3 36.5#

84 127.8 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: 58.475 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011969.D

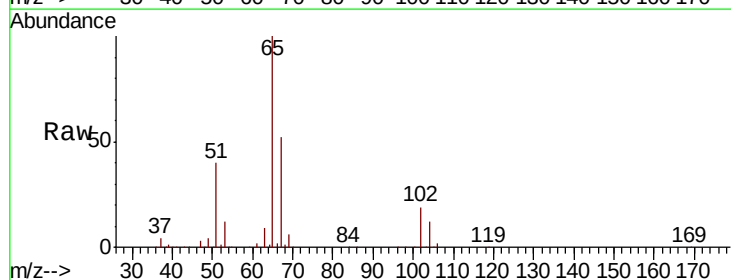
Acq: 16 Aug 2019 17:00

Tgt Ion: 65 Resp: 156167

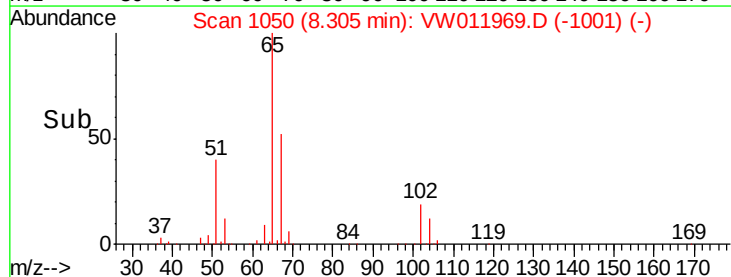
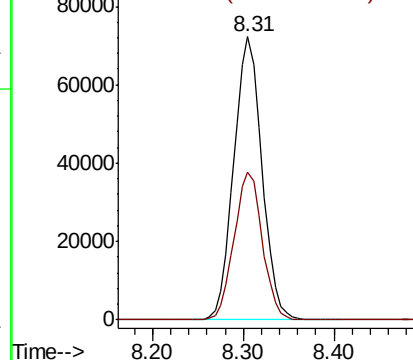
Ion Ratio Lower Upper

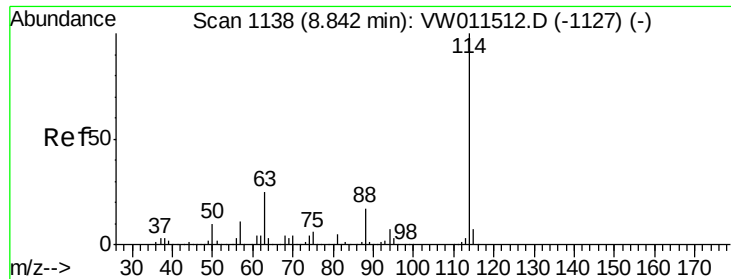
65 100

67 52.5 0.0 105.2



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

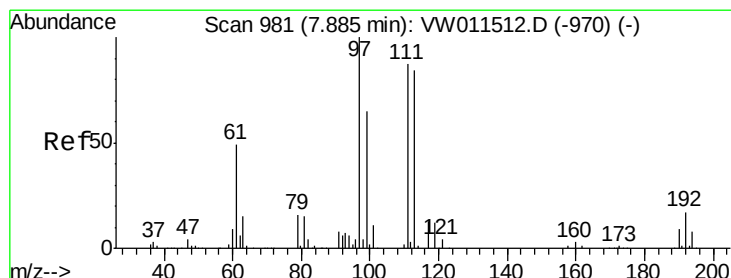
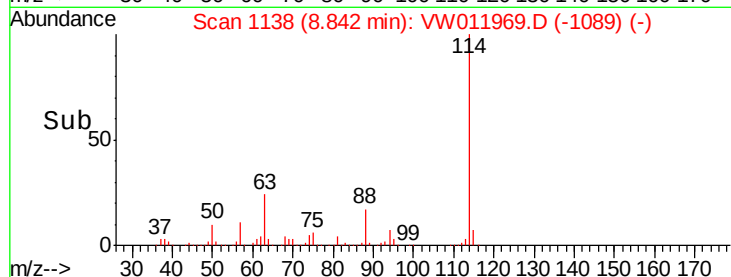
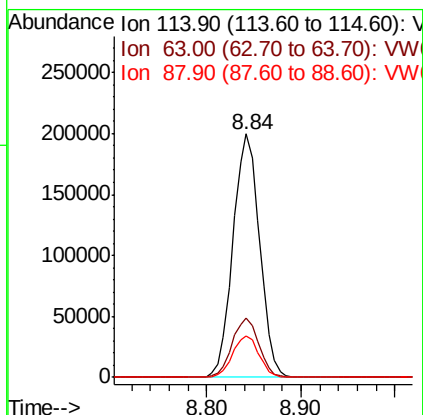
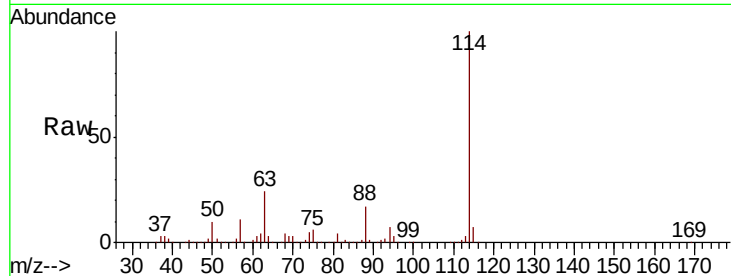




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

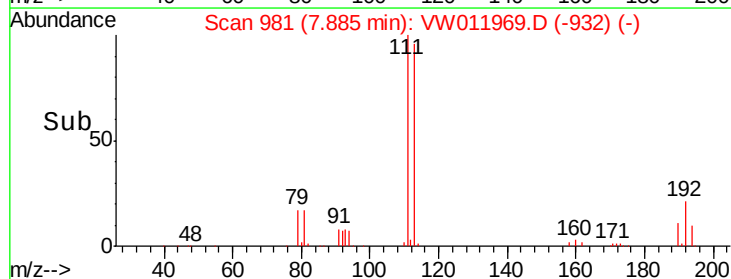
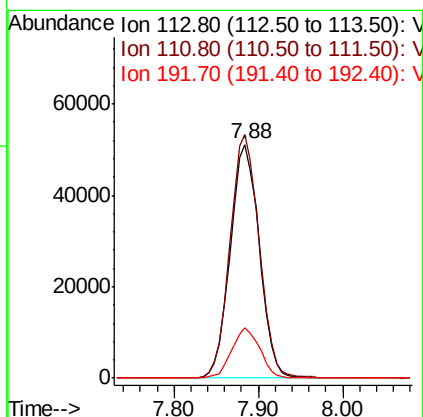
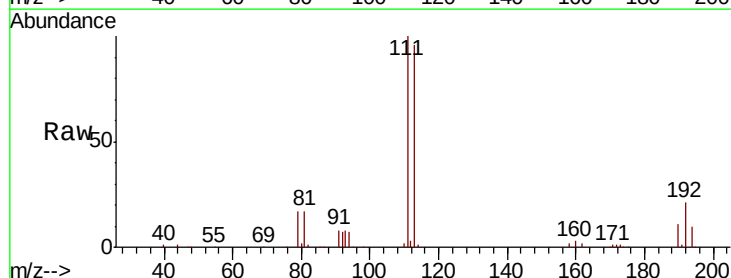
Instrument :
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 ClientSampled :
 PX-6

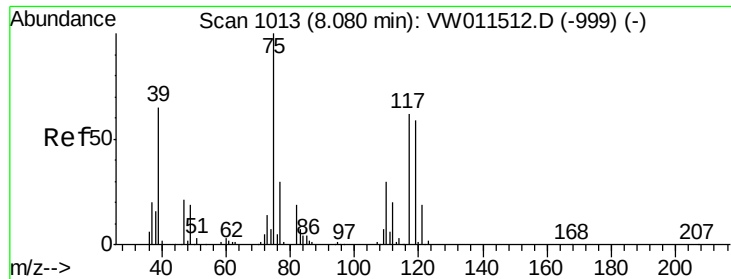
Tgt Ion:114 Resp: 392181
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 49.2
 88 16.9 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 54.256 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

Tgt Ion:113 Resp: 119375
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.7 124.1
 192 20.8 16.1 24.1

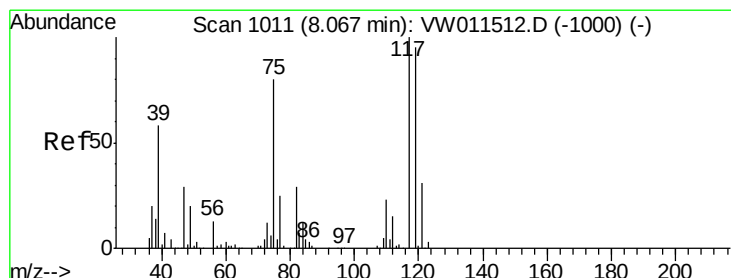
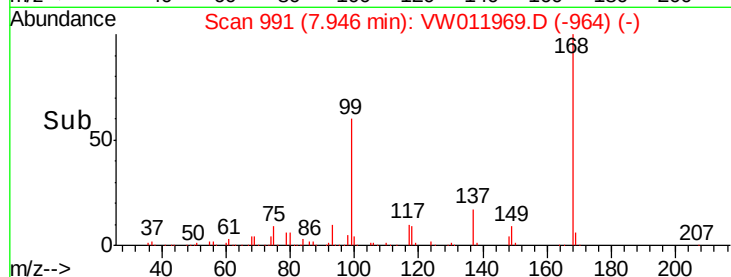
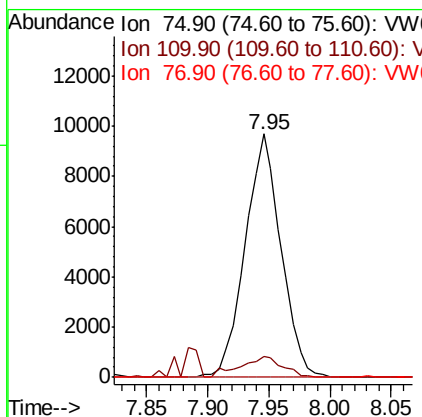
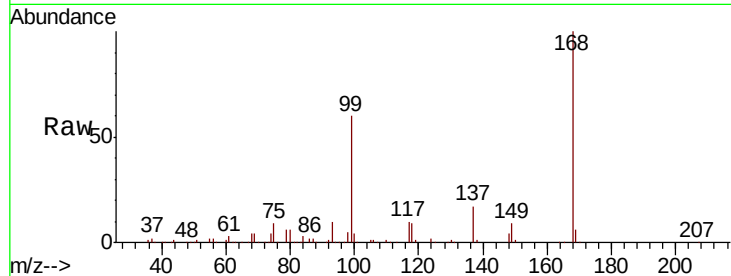




#36
 1,1-Dichloropropene
 Concen: 4.836 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

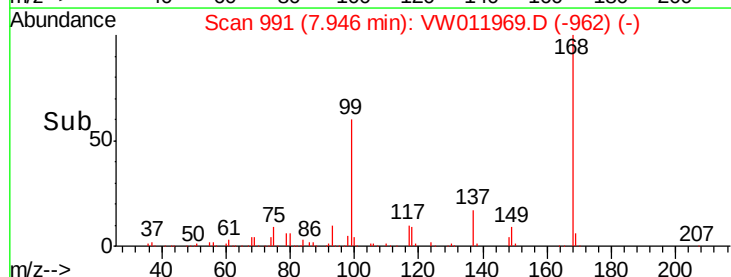
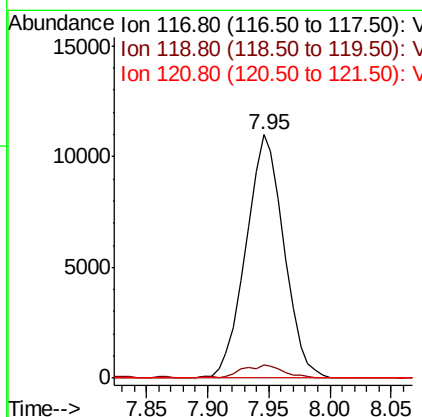
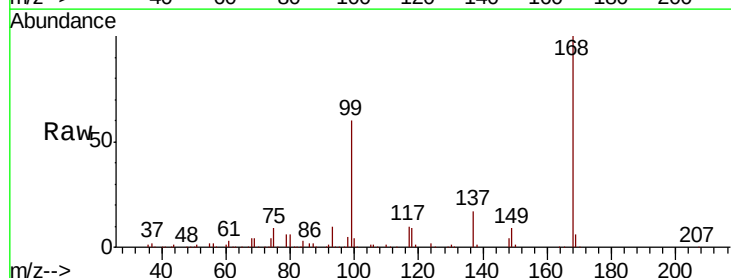
Instrument :
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 ClientSampled :
 PX-6

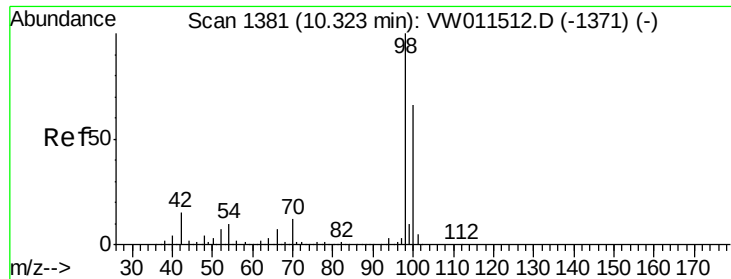
Tgt Ion: 75 Resp: 19720
 Ion Ratio Lower Upper
 75 100
 110 10.3 15.6 46.8#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.798 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

Tgt Ion: 117 Resp: 23732
 Ion Ratio Lower Upper
 117 100
 119 5.2 75.8 113.6#
 121 0.0 24.7 37.1#

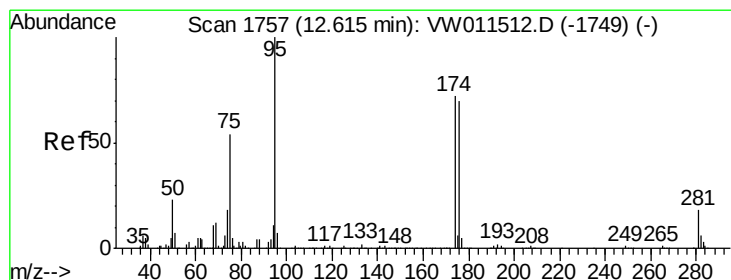
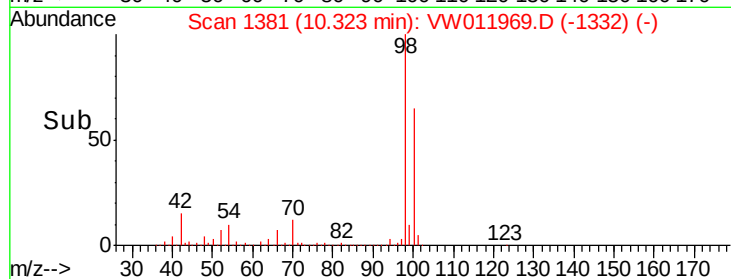
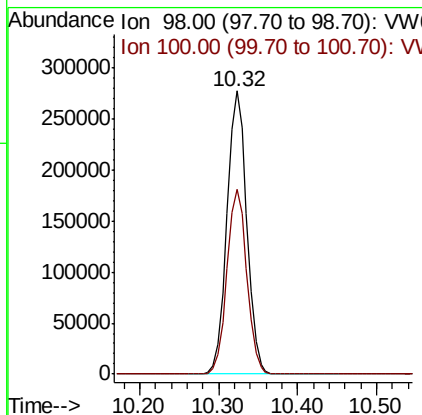
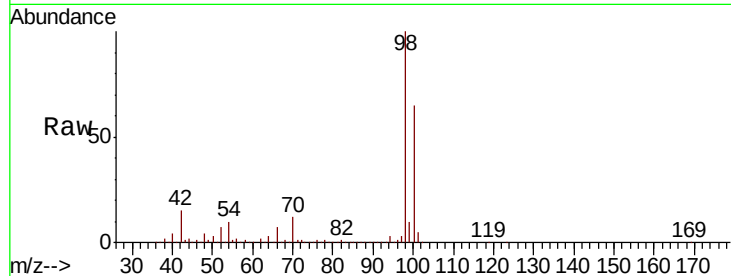




#50
Toluene-d8
Concen: 53.687 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011969.D
Acq: 16 Aug 2019 17:00

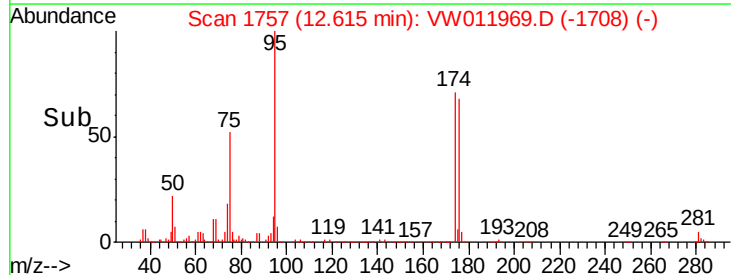
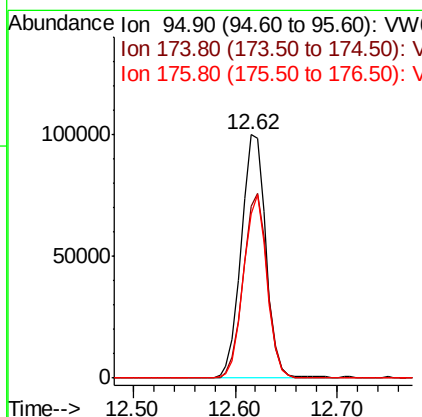
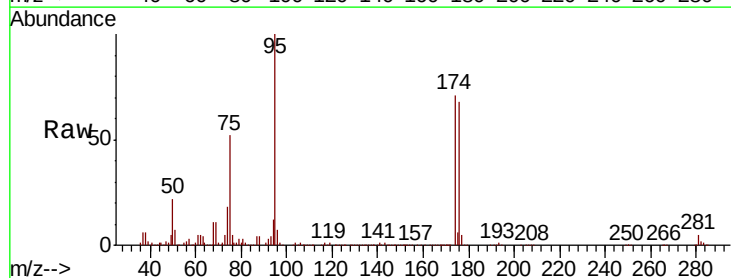
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ClientSampleId :
PX-6

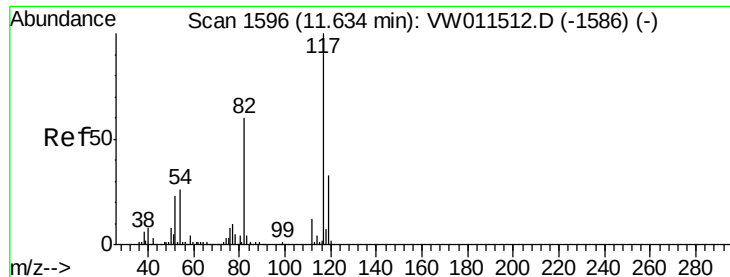
Tgt Ion: 98 Resp: 483630
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.598 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011969.D
Acq: 16 Aug 2019 17:00

Tgt Ion: 95 Resp: 165715
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.2
176 72.2 0.0 144.4

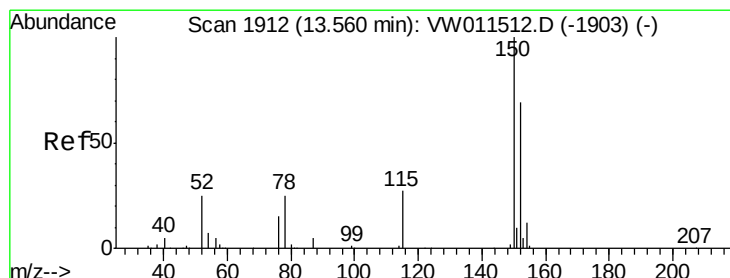
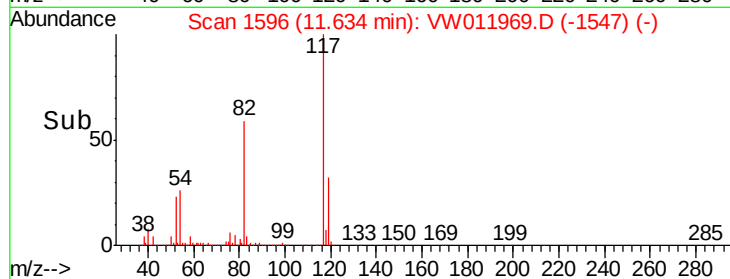
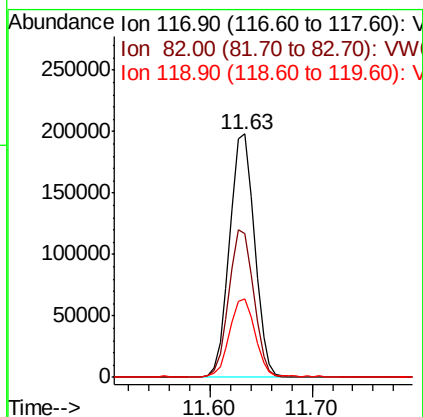
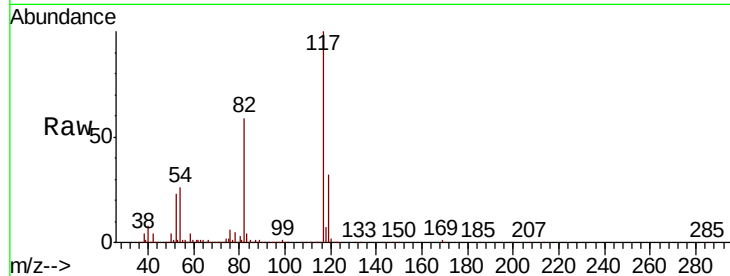




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011969.D
Acq: 16 Aug 2019 17:00

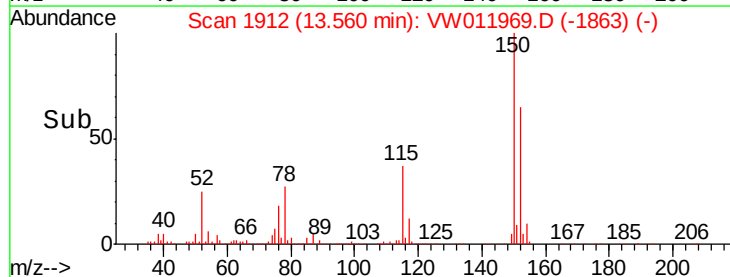
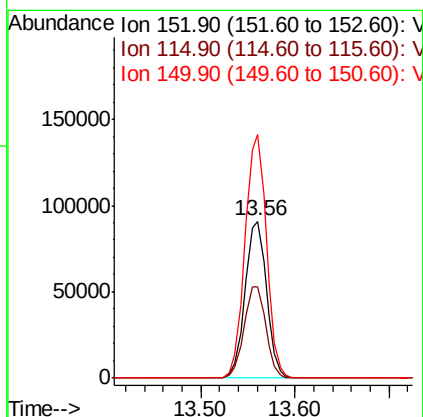
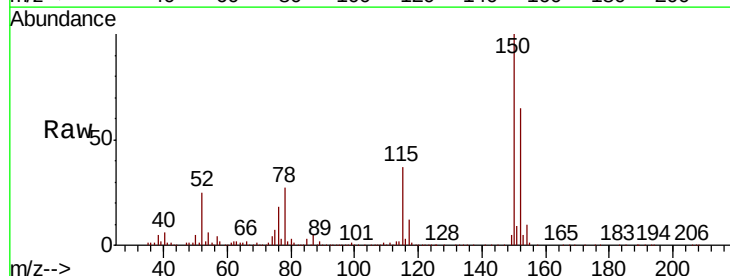
Instrument :
MSVOA_W
ClientSampled :
PX-6

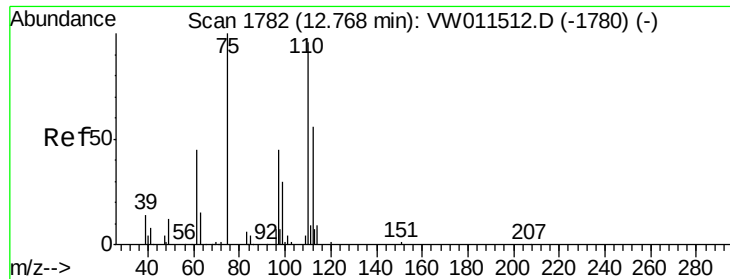
Tgt Ion:117 Resp: 334716
Ion Ratio Lower Upper
117 100
82 59.0 47.9 71.9
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011969.D
Acq: 16 Aug 2019 17:00

Tgt Ion:152 Resp: 145587
Ion Ratio Lower Upper
152 100
115 59.0 30.5 91.5
150 154.3 0.0 352.6

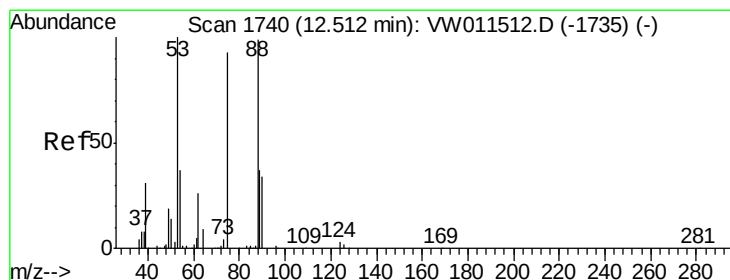
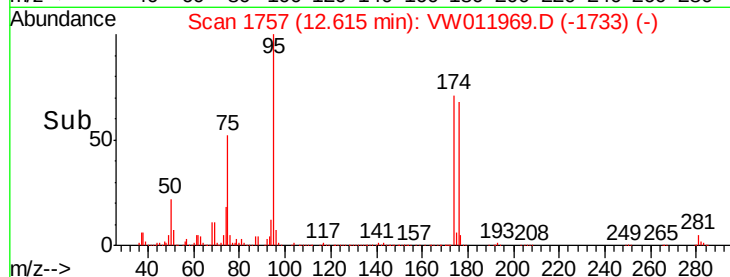
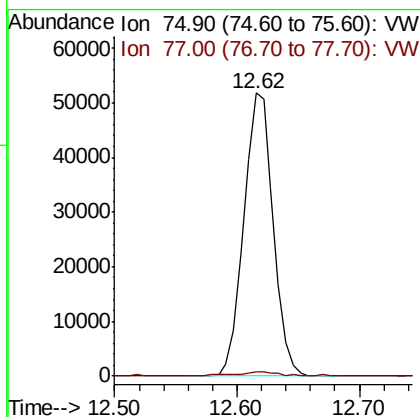
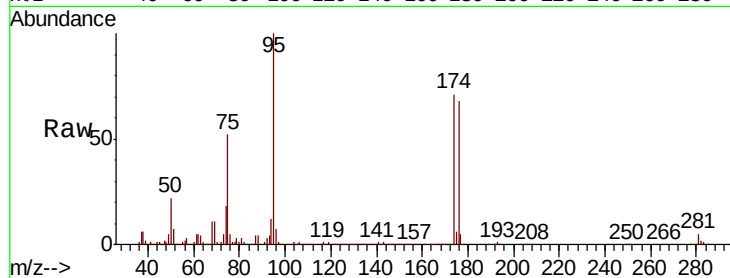




#76
 1,2,3-Trichloropropane
 Concen: 56.018 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

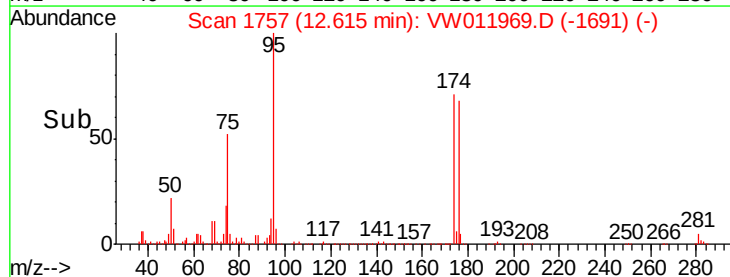
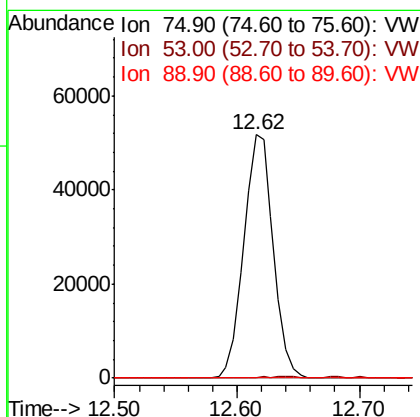
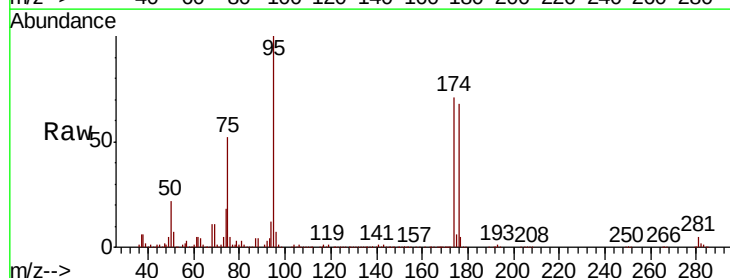
Instrument :
 MSVOA_W
 ClientSampleId :
 PX-6

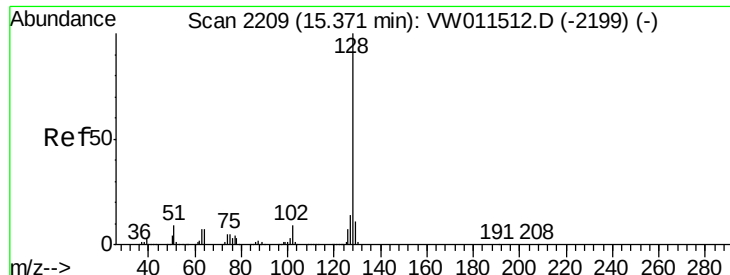
Tgt Ion: 75 Resp: 86294
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.101 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

Tgt Ion: 75 Resp: 86294
 Ion Ratio Lower Upper
 75 100
 53 0.4 88.0 132.0#
 89 0.0 35.3 52.9#

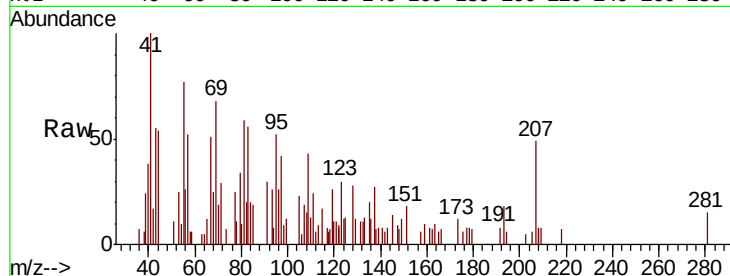




#95
 Naphthalene
 Concen: 2.121 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW011969.D
 Acq: 16 Aug 2019 17:00

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-6

Tgt Ion:128 Resp: 331
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 16.0#
 129 26.6 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

