

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
 Data File : VW011973.D
 Acq On : 16 Aug 2019 18:43
 Operator : SY/VA
 Sample : K4350-06
 Misc : 4.66G/5ML/MSVOA_W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

Quant Time: Aug 17 05:01:22 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	230027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	322454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	135953	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	147589	55.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.76%	
35) Dibromofluoromethane	7.88	113	115178	53.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.58%	
50) Toluene-d8	10.32	98	468582	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
62) 4-Bromofluorobenzene	12.62	95	154408	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	

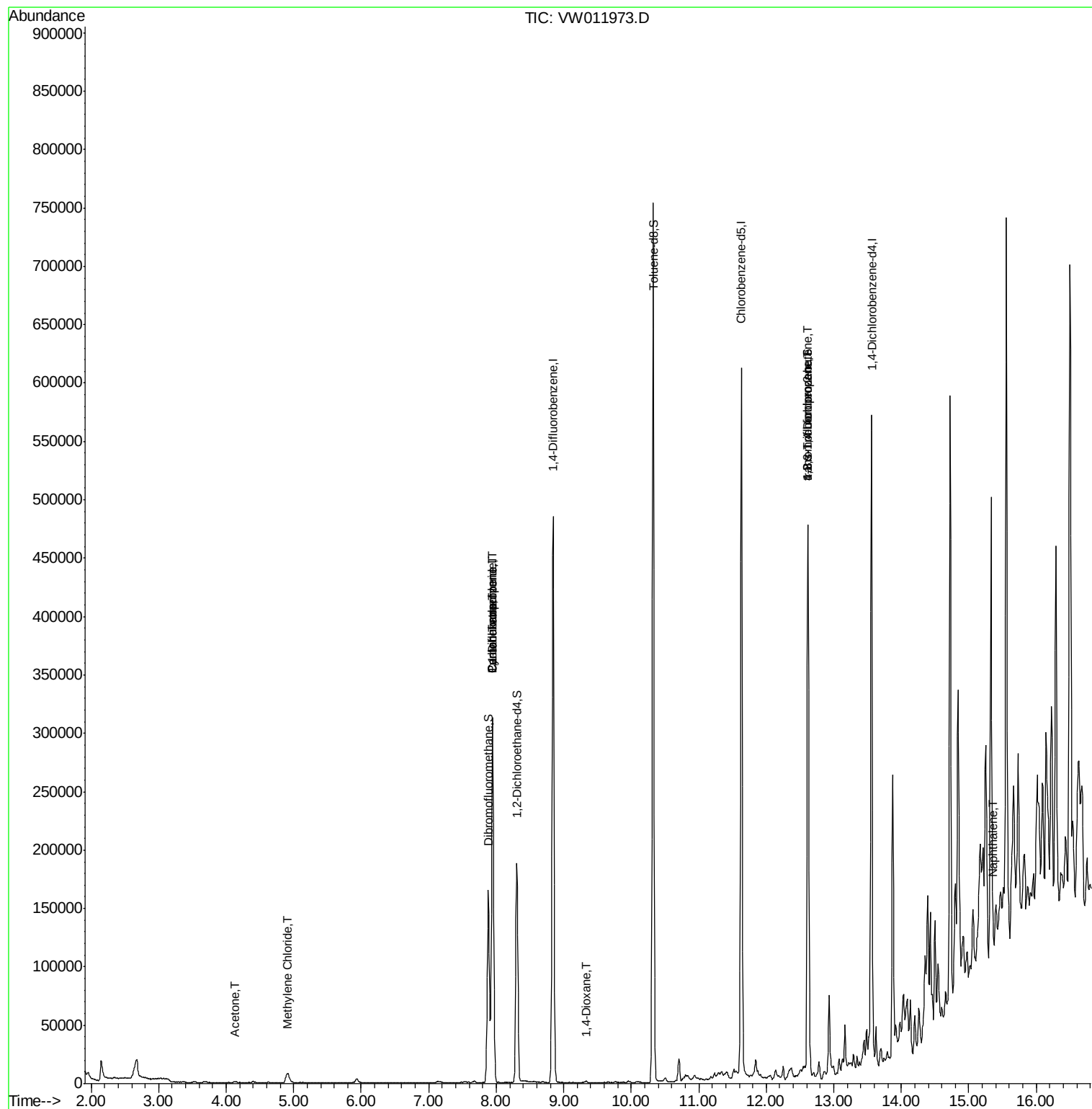
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	125	Below Cal	#	72
16) Acetone	4.13	43	1892	2.252	ug/l	92
20) Methylene Chloride	4.90	84	6110	2.109	ug/l	87
31) Cyclohexane	7.95	56	5806	1.176	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19408	4.891	ug/l #	52
38) Carbon Tetrachloride	7.95	117	22615	6.657	ug/l #	17
49) 1,4-Dioxane	9.33	88	20	1.018	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	81495	56.651	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81495	130.561	ug/l #	6
95) Naphthalene	15.36	128	2888	2.582	ug/l #	73

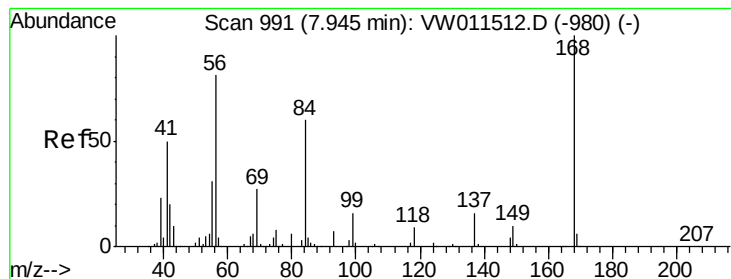
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
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: VW011973.D

Acq: 16 Aug 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

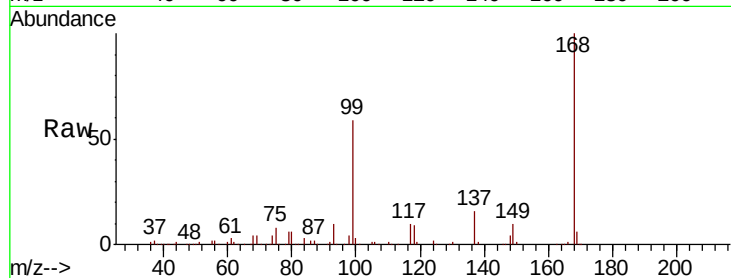
SP-02_081319

Tgt Ion:168 Resp: 230027

Ion Ratio Lower Upper

168 100

99 59.3 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

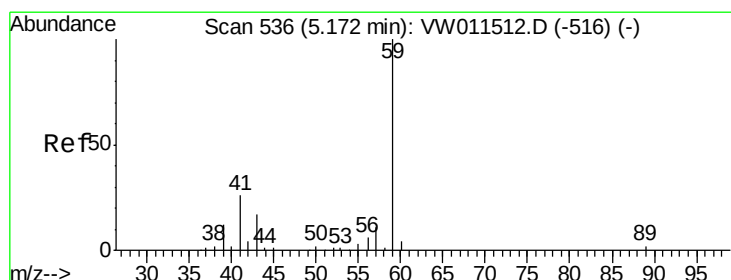
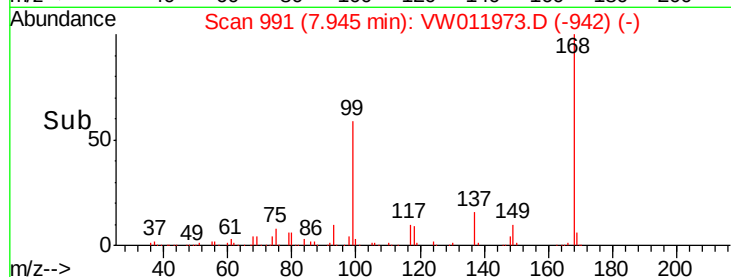
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.01 min

Lab File: VW011973.D

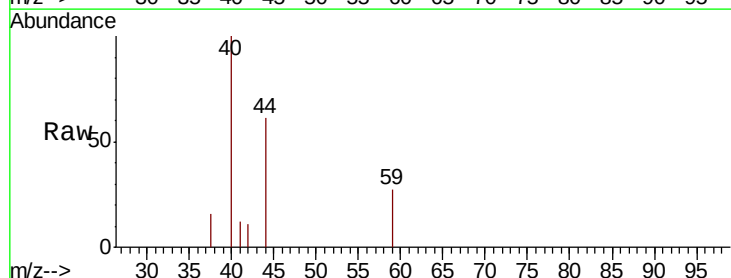
Acq: 16 Aug 2019 18:43

Tgt Ion: 59 Resp: 125

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

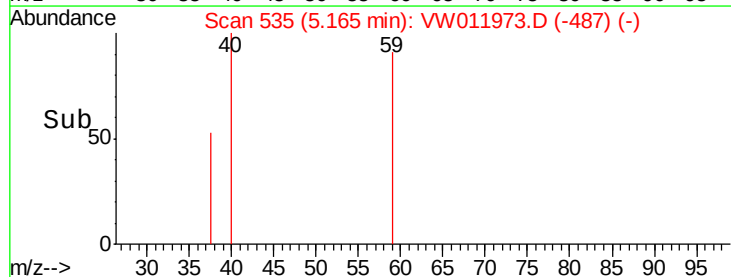
150

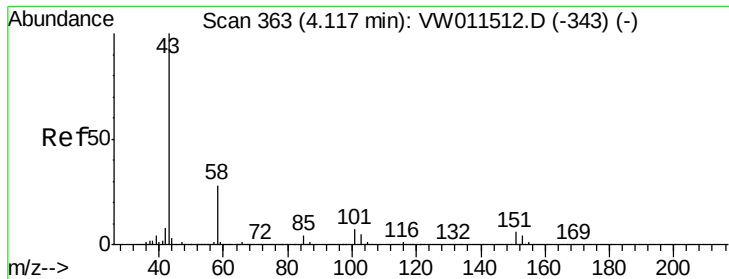
100

50

0

Time--> 5.14 5.15 5.16 5.17 5.18

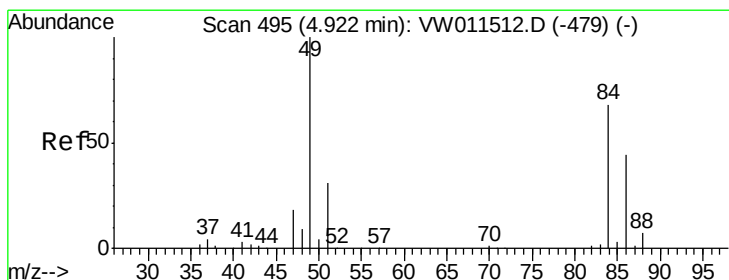
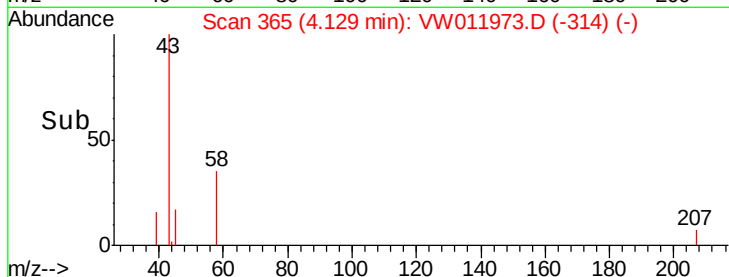
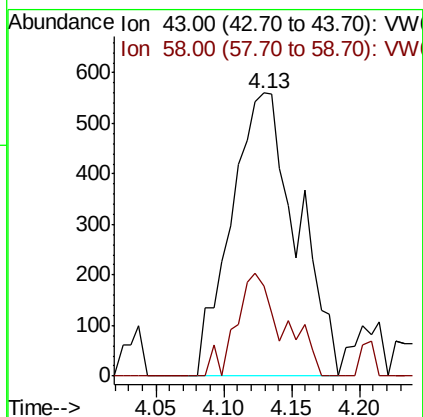
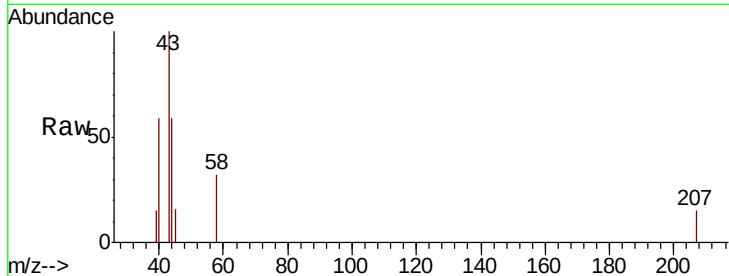




#16
Acetone
Concen: 2.252 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

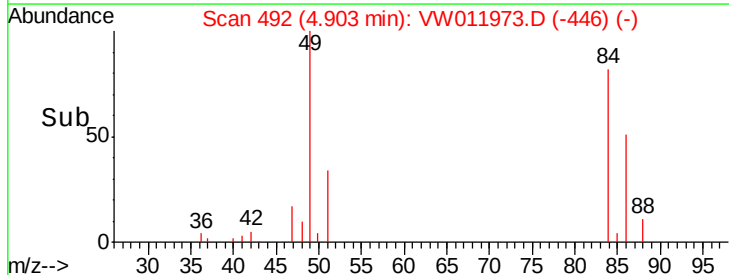
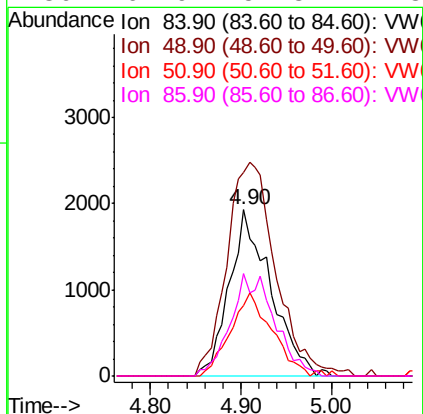
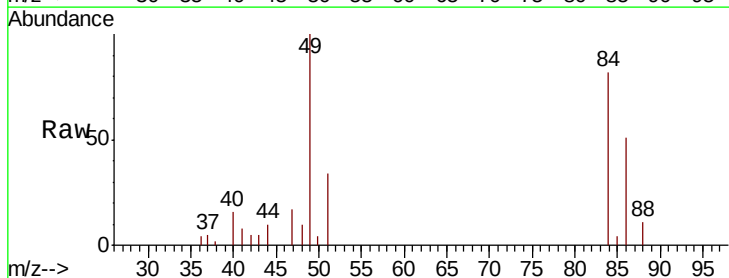
Instrument :
MSVOA_W
ClientSampleId :
SP-02_081319

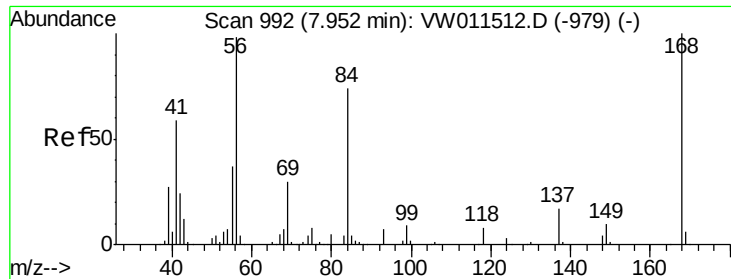
Tgt Ion: 43 Resp: 1892
Ion Ratio Lower Upper
43 100
58 32.0 22.3 33.5



#20
Methylene Chloride
Concen: 2.109 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Tgt Ion: 84 Resp: 6110
Ion Ratio Lower Upper
84 100
49 122.4 117.8 176.6
51 42.2 37.0 55.4
86 61.9 51.8 77.8

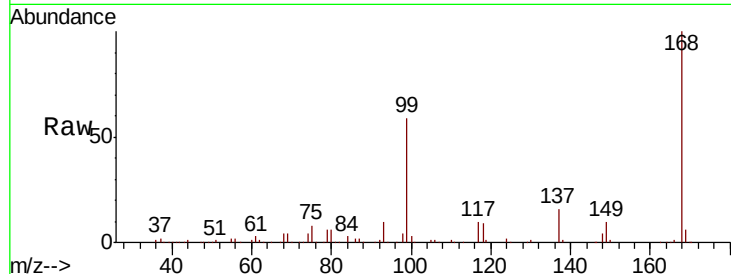




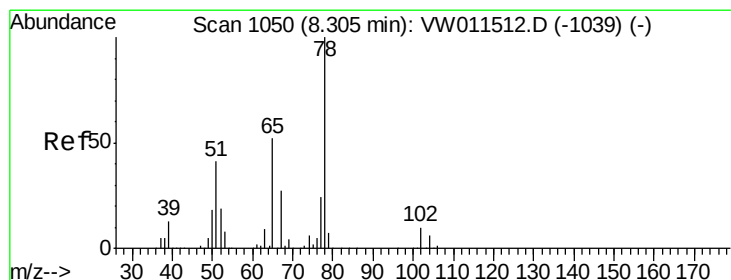
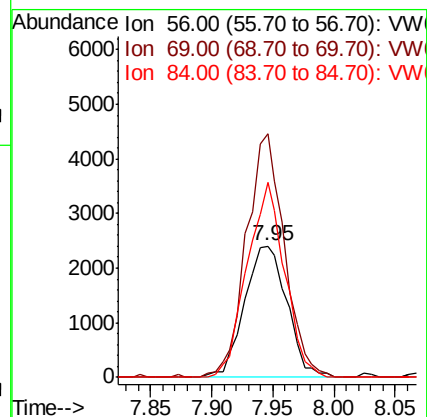
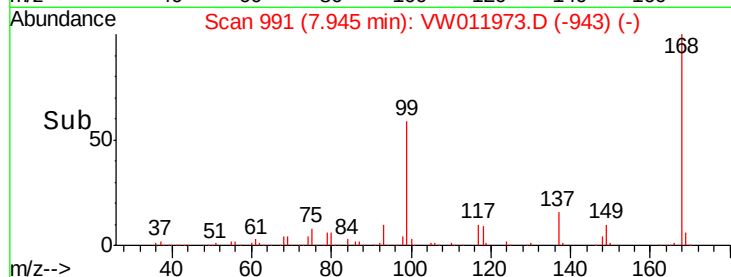
#31
Cyclohexane
Concen: 1.176 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Instrument :
MSVOA_W
ClientSampleId :
SP-02_081319

Tgt Ion: 56 Resp: 5806
Ion Ratio Lower Upper
56 100
69 185.7 24.3 36.5#
84 148.9 60.4 90.6#

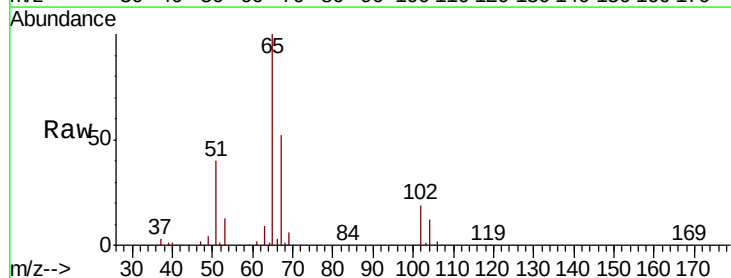


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

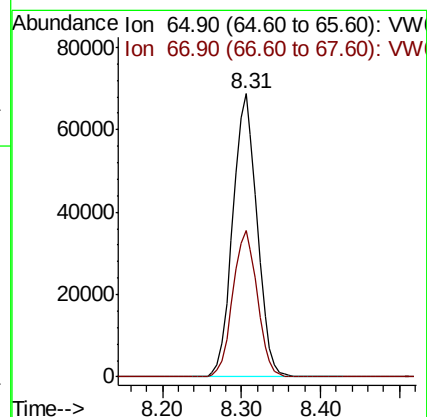
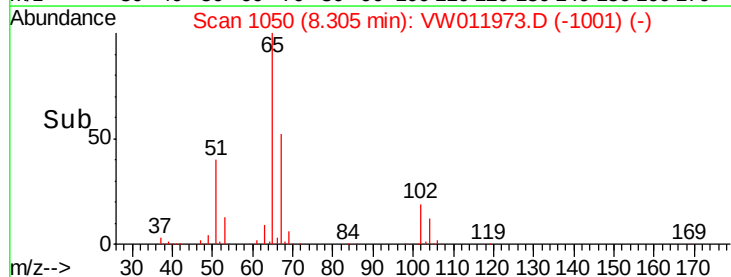


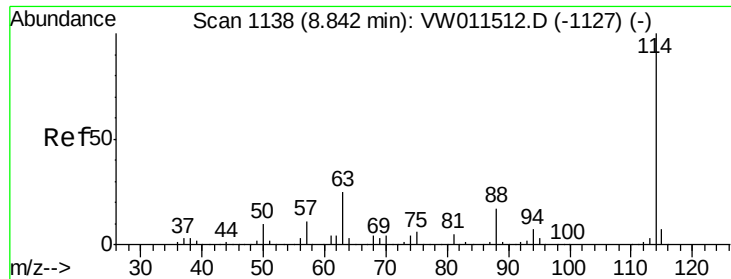
#33
1,2-Dichloroethane-d4
Concen: 55.876 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Tgt Ion: 65 Resp: 147589
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2



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

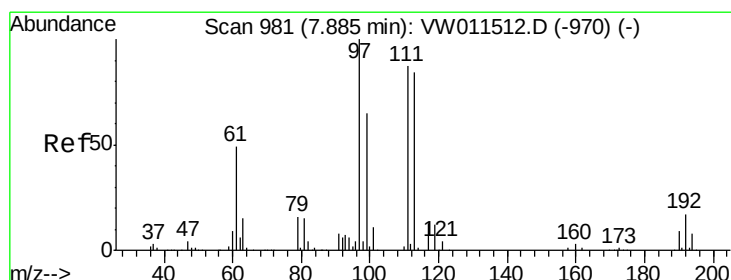
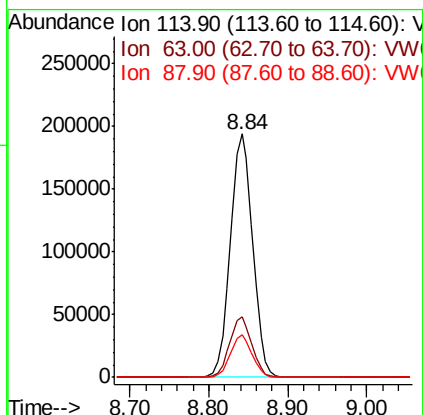
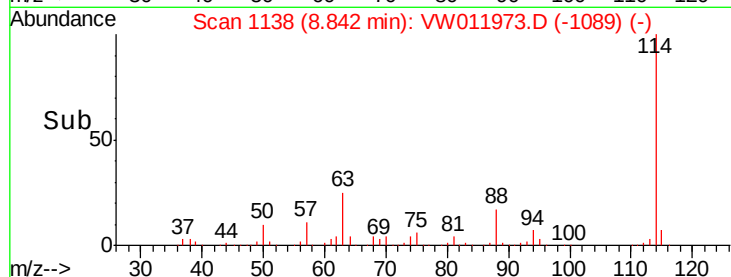
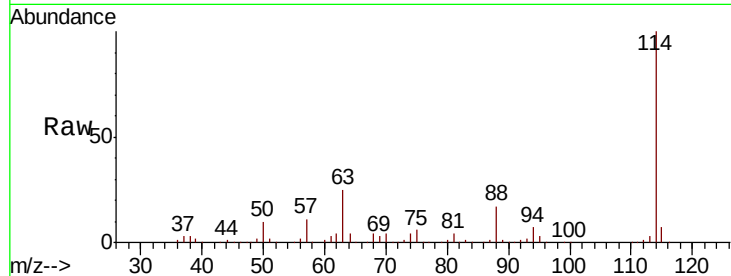




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

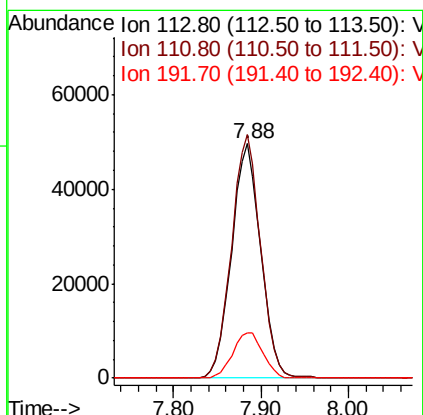
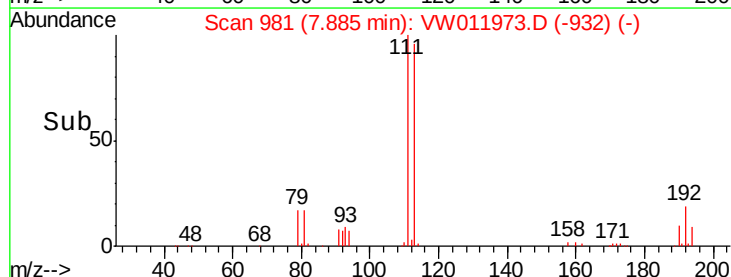
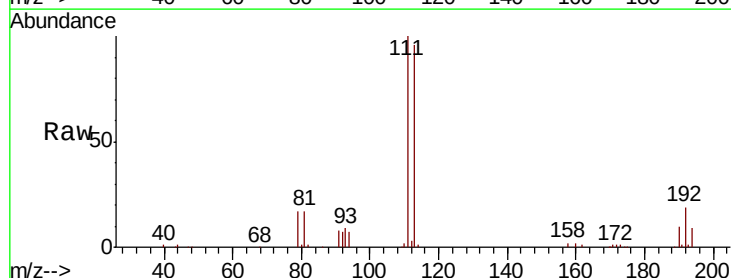
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

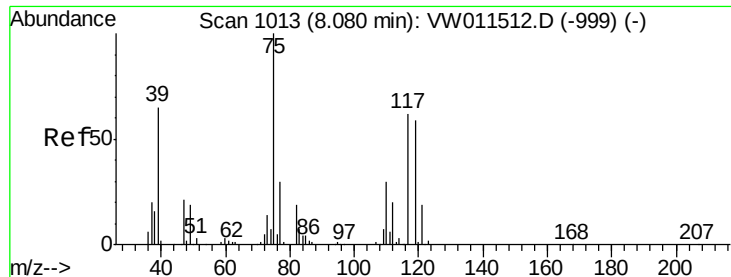
Tgt Ion:114 Resp: 381646
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.4 0.0 33.8



#35
 Dibromofluoromethane
 Concen: 53.794 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

Tgt Ion:113 Resp: 115178
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.7 124.1
 192 20.2 16.1 24.1

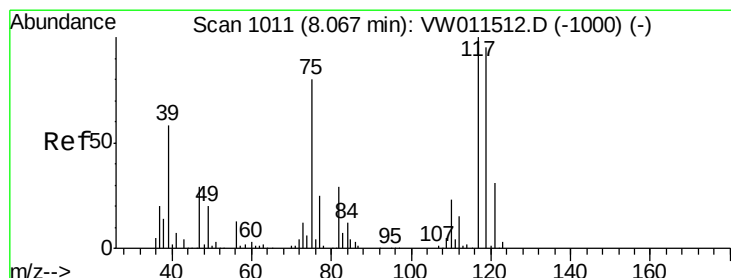
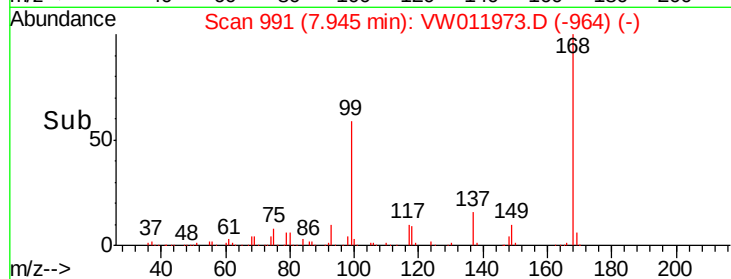
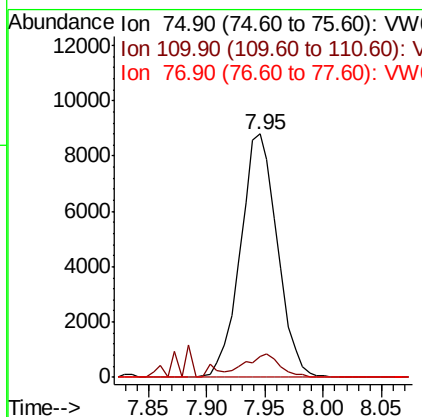
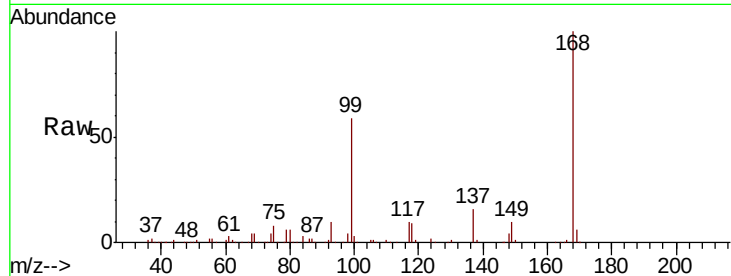




#36
 1,1-Dichloropropene
 Concen: 4.891 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

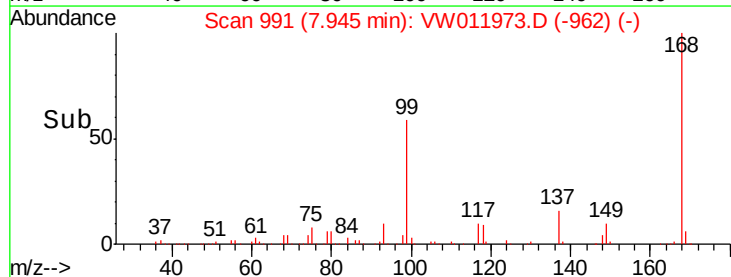
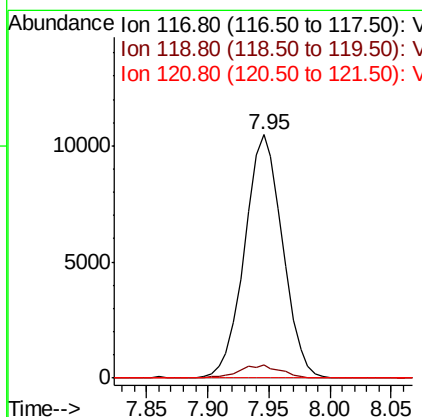
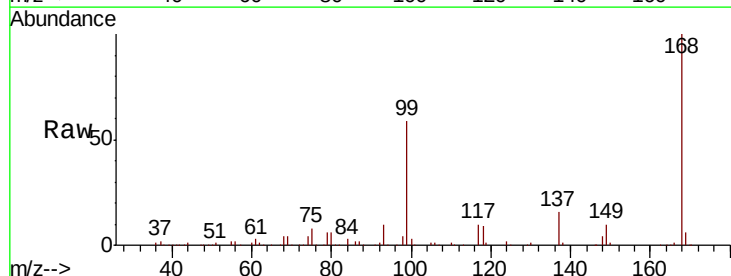
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

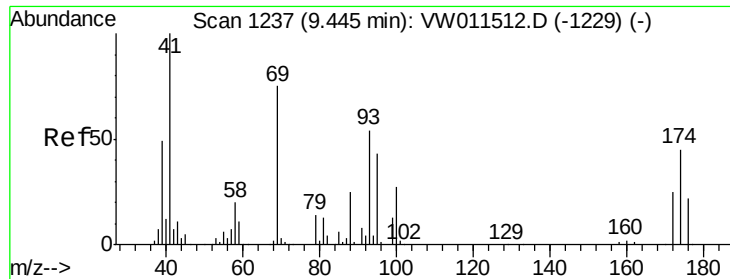
Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	15.6	46.8#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.657 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.8	113.6#
121	0.0	24.7	37.1#





#49

1,4-Dioxane

Concen: 1.018 ug/l

RT: 9.33 min Scan# 1218

Delta R.T. -0.12 min

Lab File: VW011973.D

Acq: 16 Aug 2019 18:43

Instrument :

MSVOA_W

ClientSampleId :

SP-02_081319

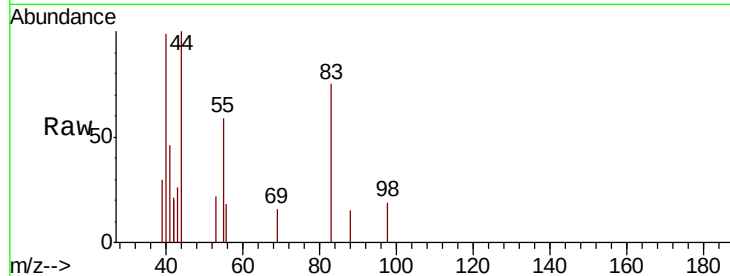
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 1650.0 34.0 51.0#

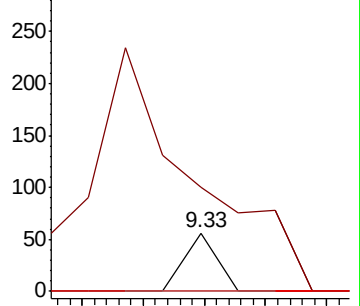
58 0.0 69.7 104.5#



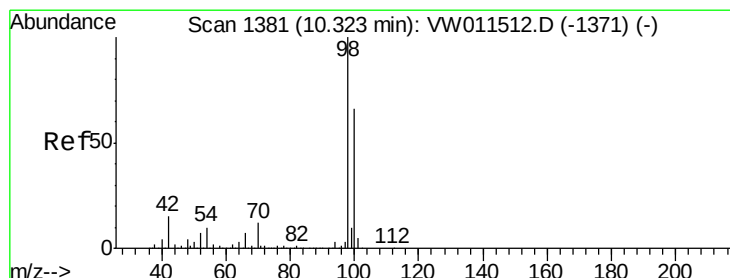
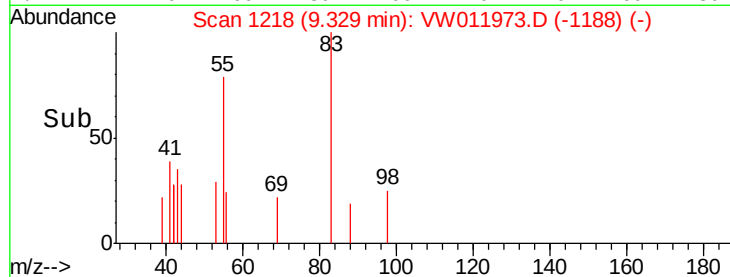
Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



Time-->



#50

Toluene-d8

Concen: 53.453 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011973.D

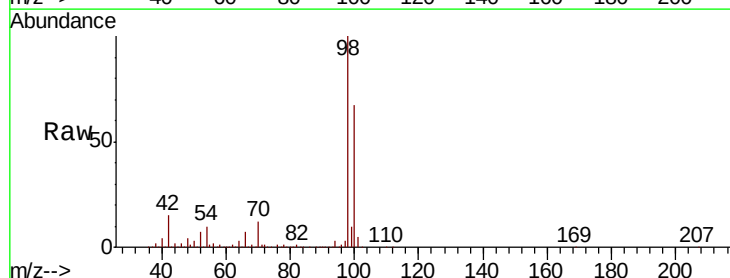
Acq: 16 Aug 2019 18:43

Tgt Ion: 98 Resp: 468582

Ion Ratio Lower Upper

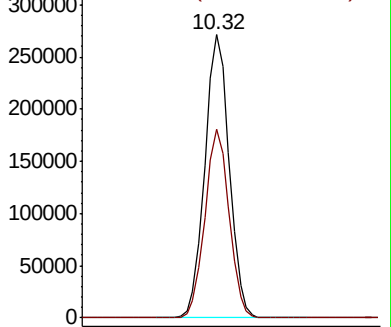
98 100

100 66.2 52.7 79.1

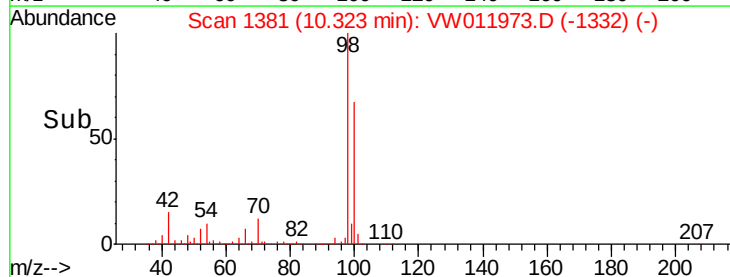


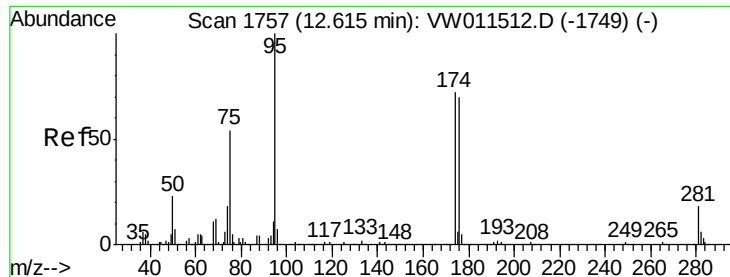
Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time-->

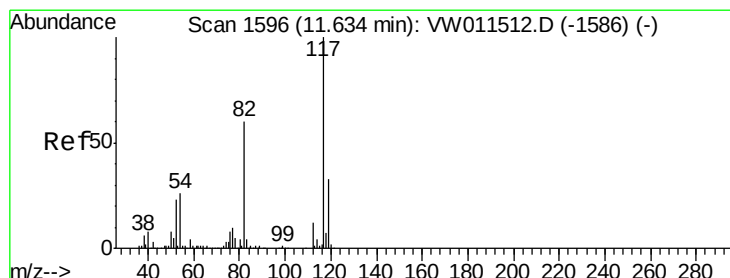
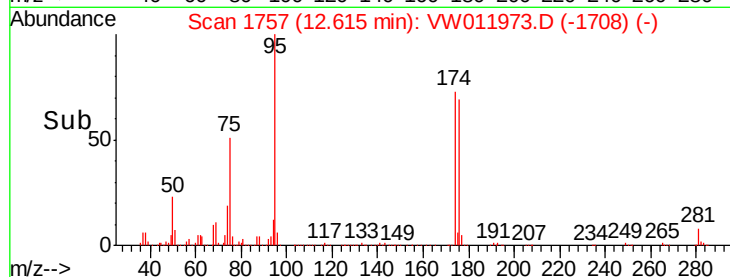
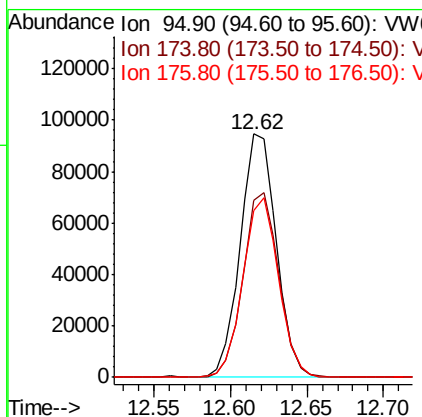
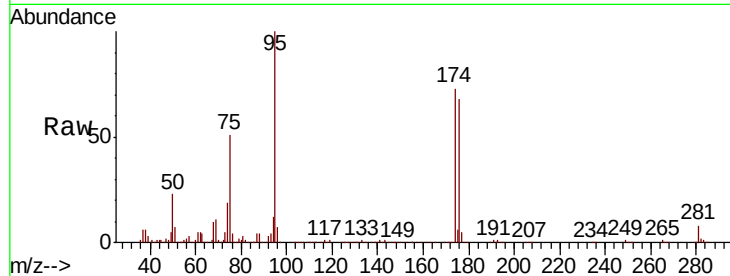




#62
4-Bromofluorobenzene
Concen: 49.405 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

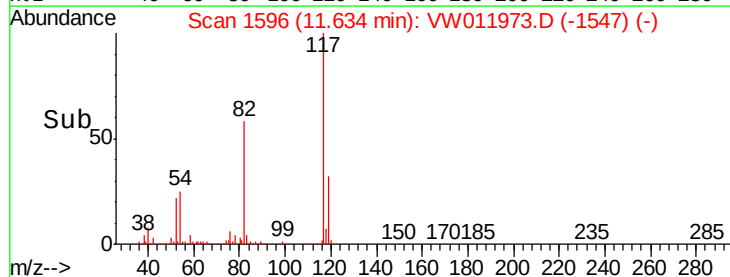
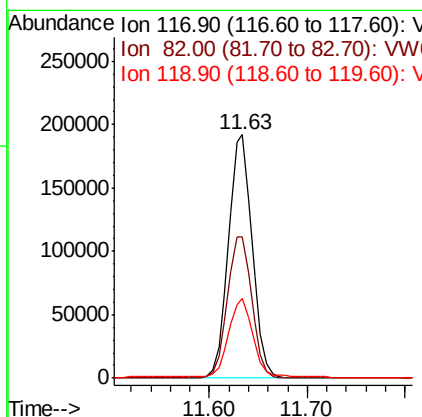
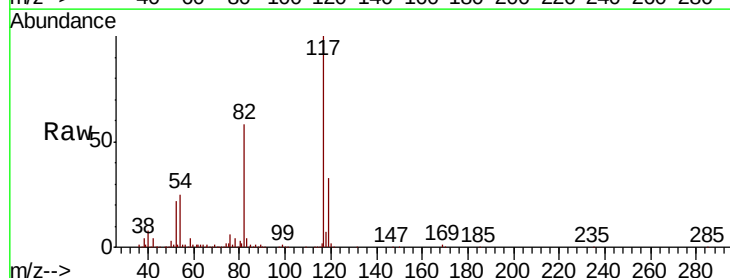
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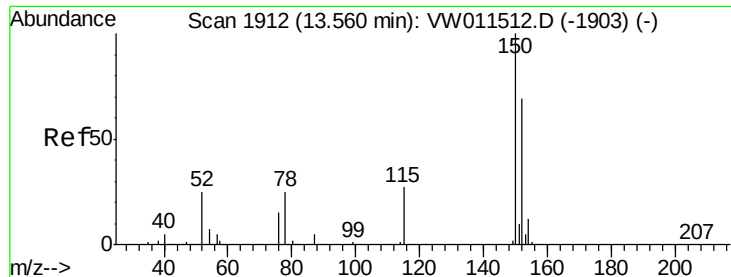
Tgt Ion: 95 Resp: 154408
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.2
176 73.6 0.0 144.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Tgt Ion: 117 Resp: 322454
Ion Ratio Lower Upper
117 100
82 58.2 47.9 71.9
119 32.3 26.2 39.2

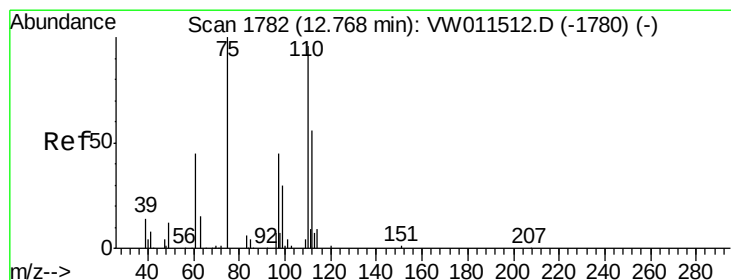
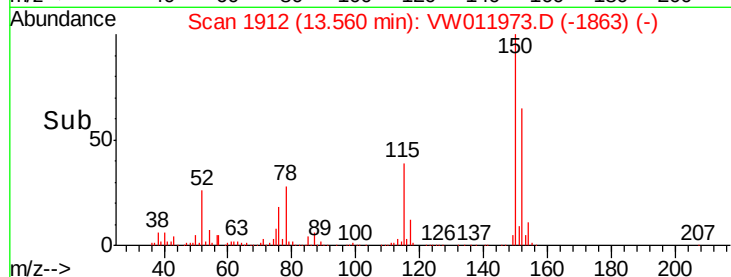
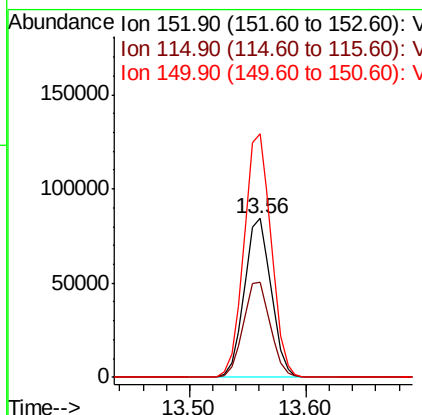
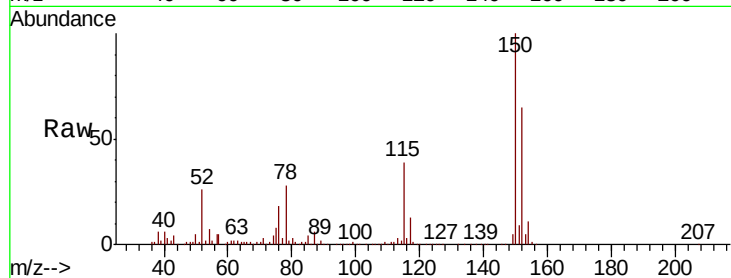




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

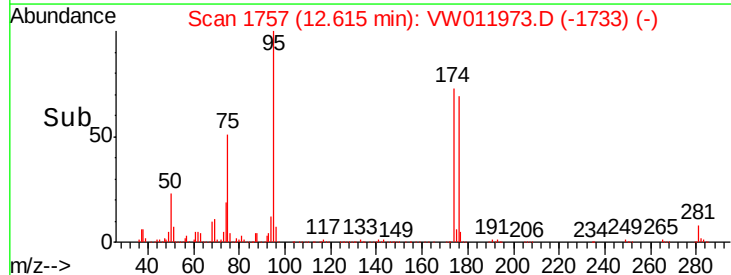
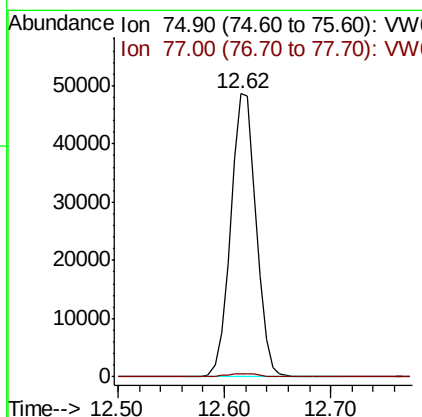
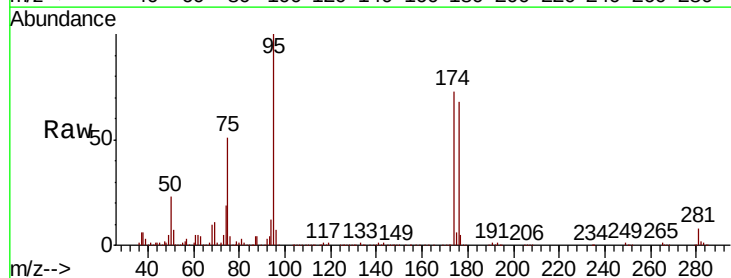
Instrument :
 MSVOA_W
 ClientSampleId :
 SP-02_081319

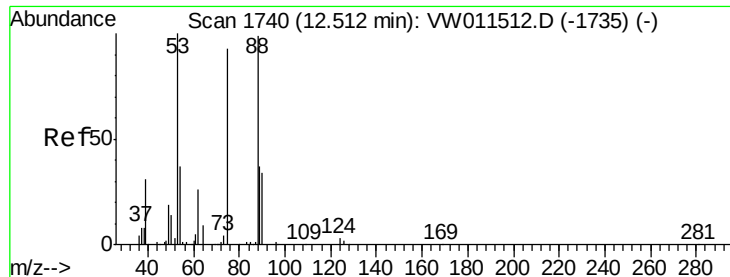
Tgt Ion: 152 Resp: 135953
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.5 91.5
 150 155.2 0.0 352.6



#76
 1,2,3-Trichloropropane
 Concen: 56.651 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011973.D
 Acq: 16 Aug 2019 18:43

Tgt Ion: 75 Resp: 81495
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

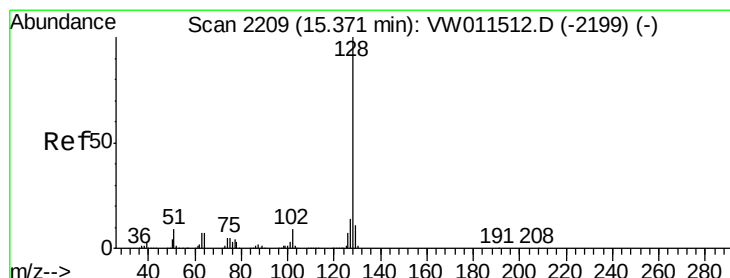
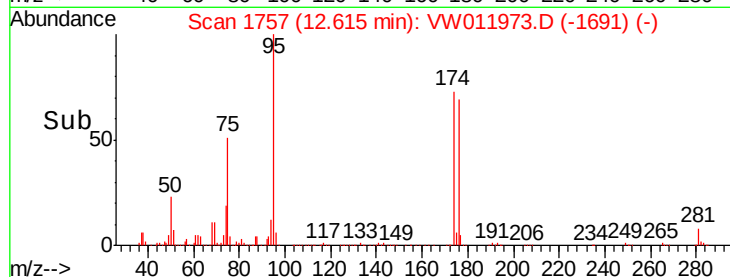
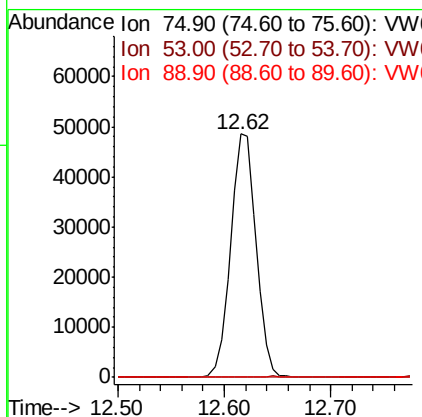
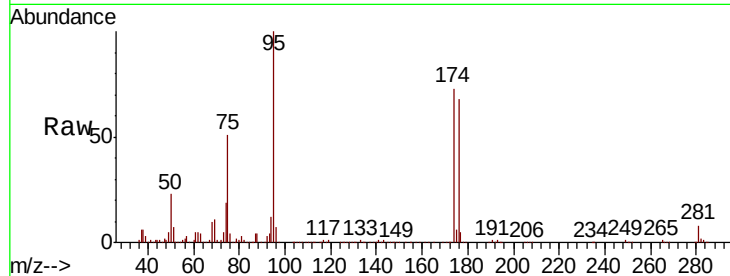




#81
trans-1,4-Dichloro-2-butene
Concen: 130.561 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Instrument :
MSVOA_W
ClientSampleId :
SP-02_081319

Tgt Ion: 75 Resp: 81495
Ion Ratio Lower Upper
75 100
53 0.0 88.0 132.0#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.582 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW011973.D
Acq: 16 Aug 2019 18:43

Tgt Ion: 128 Resp: 2888
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 17.7 8.6 13.0#

