

Data File : VW011144.D
Acq On : 03 Jul 2019 17:12
Operator : SY/VA
Sample : K3682-02RE
Misc : 5.02G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

Quant Time: Jul 04 03:53:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193843	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121570	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	128147	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	100571	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.32	98	414086	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	137500	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	

Target Compounds

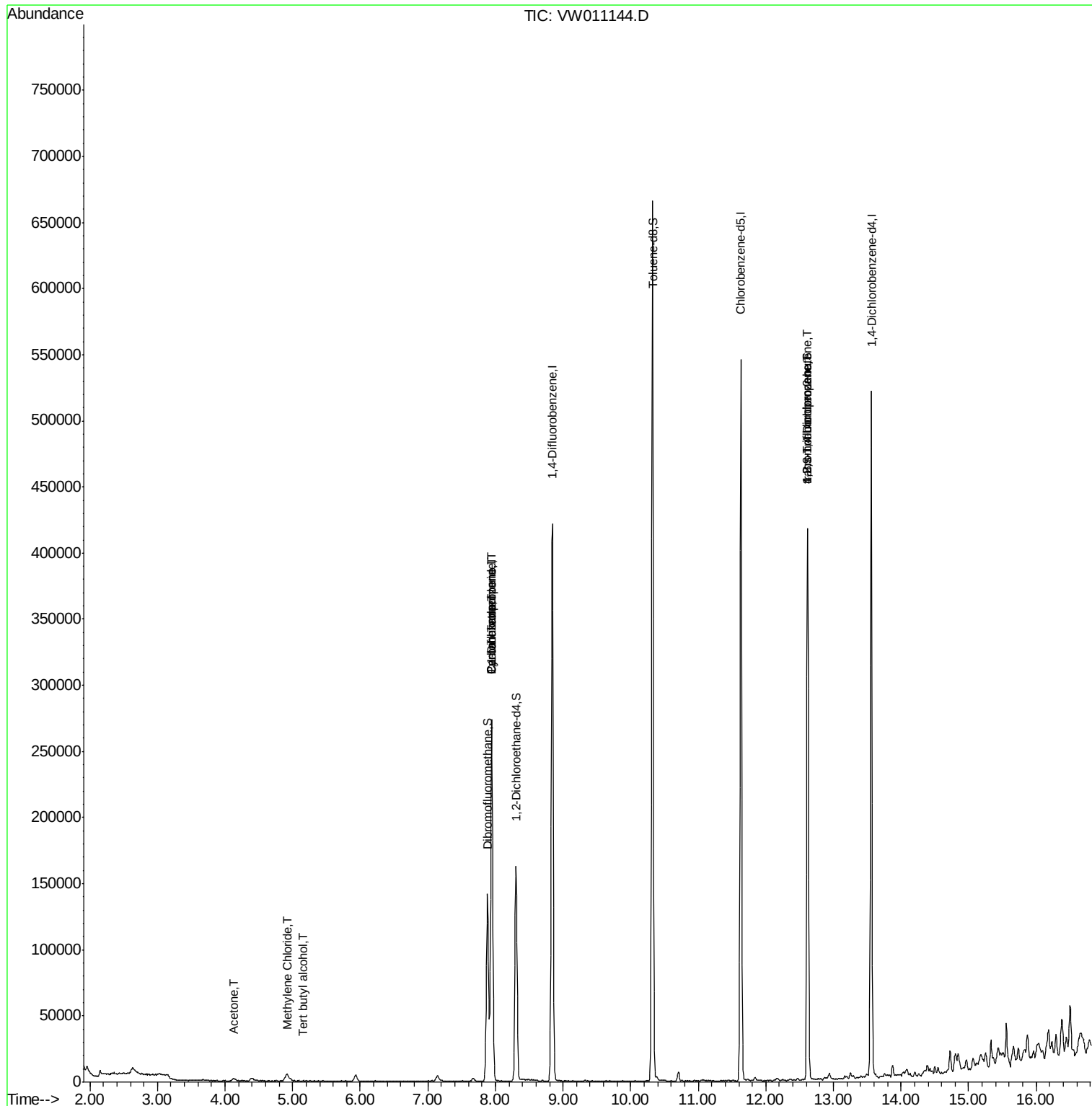
						Qvalue
11) Tert butyl alcohol	5.15	59	300	1.630	ug/l #	71
16) Acetone	4.14	43	3542	5.726	ug/l	97
20) Methylene Chloride	4.92	84	4223	1.680	ug/l #	92
31) Cyclohexane	7.94	56	5478	1.130	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	17562	4.900	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19602	6.641	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	75103	58.516	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	75103	118.393	ug/l #	3

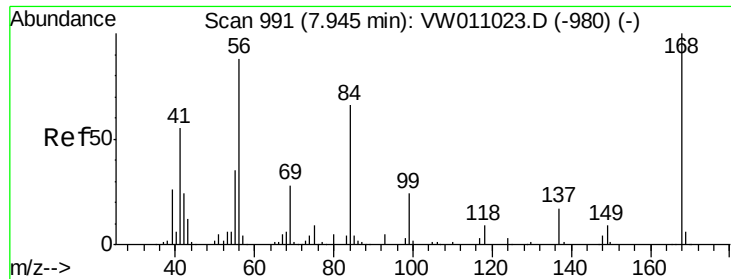
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011144.D

Acq: 03 Jul 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

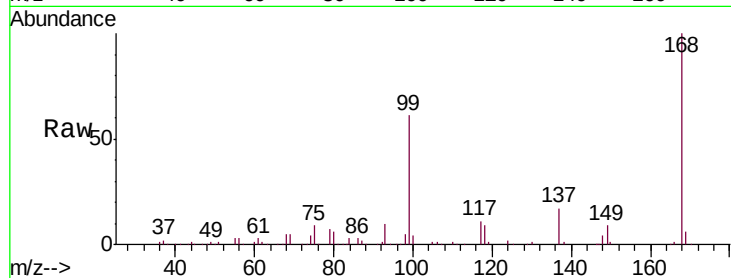
D-2X-ROLL-OFF-2-STOCK-PILE

Tgt Ion: 168 Resp: 193843

Ion Ratio Lower Upper

168 100

99 61.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

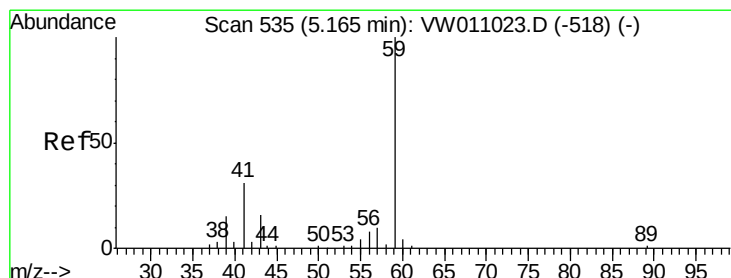
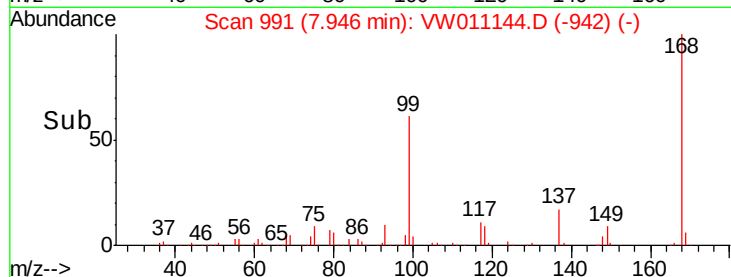
20000

0

7.90

8.00

Time-->



#11

Tert butyl alcohol

Concen: 1.630 ug/l

RT: 5.15 min Scan# 532

Delta R.T. -0.02 min

Lab File: VW011144.D

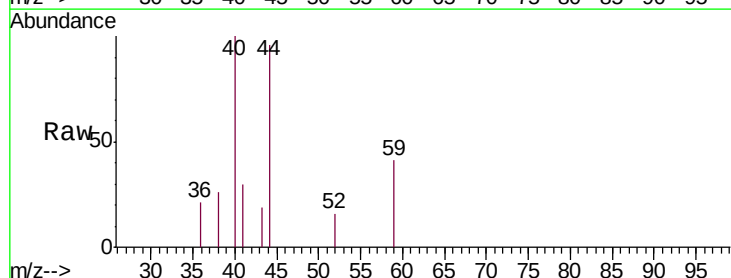
Acq: 03 Jul 2019 17:12

Tgt Ion: 59 Resp: 300

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.15

150

100

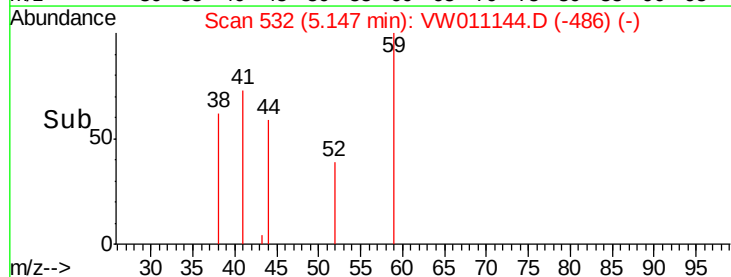
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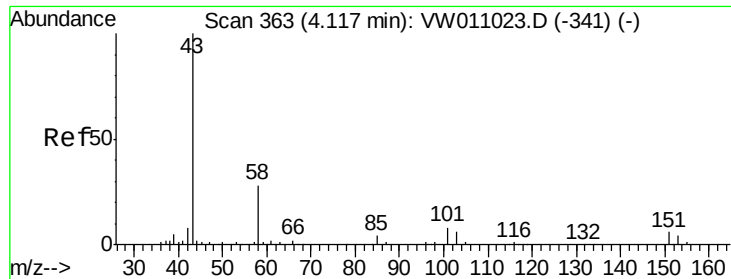
0

5.10

5.15

Time-->

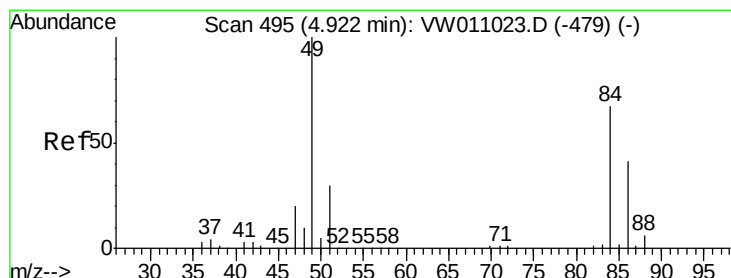
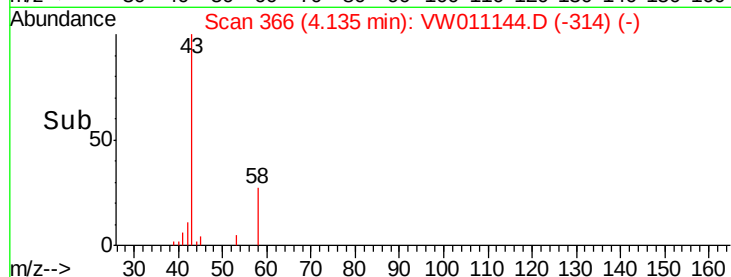
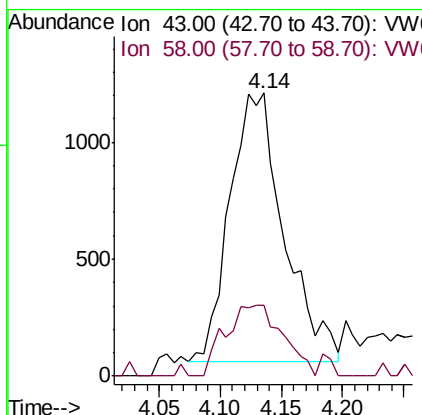
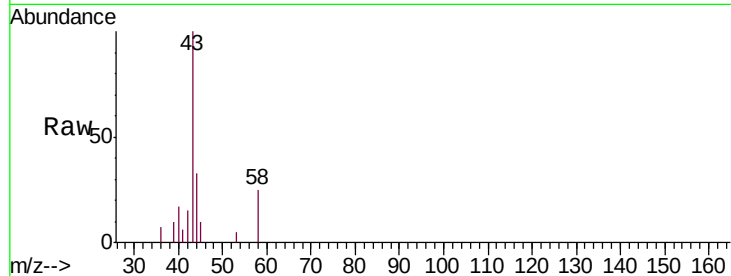




#16
Acetone
Concen: 5.726 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.02 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

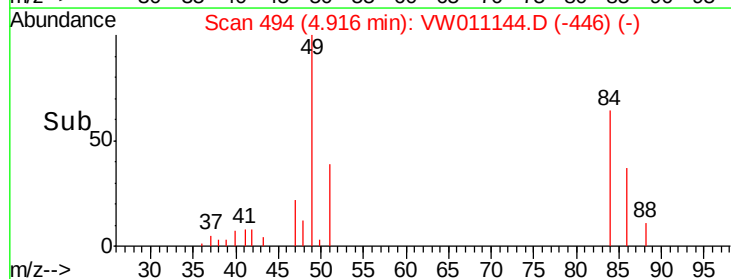
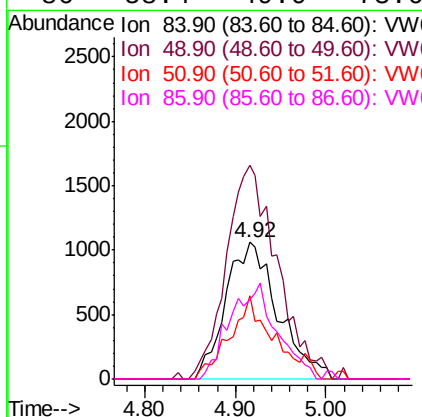
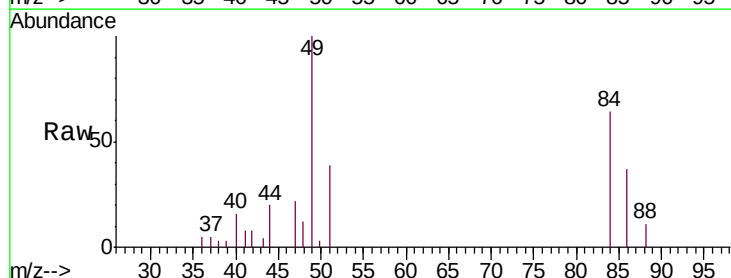
Instrument :
MSVOA_W
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

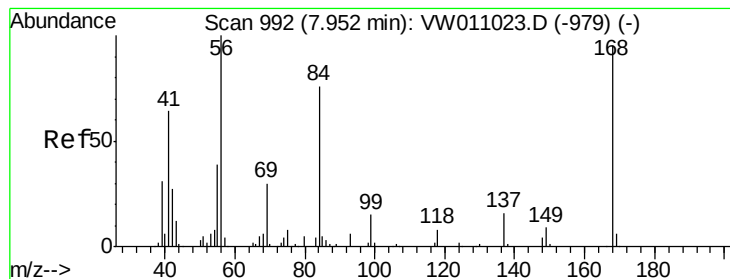
Tgt Ion: 43 Resp: 3542
Ion Ratio Lower Upper
43 100
58 26.5 22.5 33.7



#20
Methylene Chloride
Concen: 1.680 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Tgt Ion: 84 Resp: 4223
Ion Ratio Lower Upper
84 100
49 156.1 119.6 179.4
51 60.5 35.6 53.4#
86 58.4 49.0 73.6





#31

Cyclohexane

Concen: 1.130 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011144.D

Acq: 03 Jul 2019 17:12

Instrument :

MSVOA_W

ClientSampleId :

D-2X-ROLL-OFF-2-STOCK-PILE

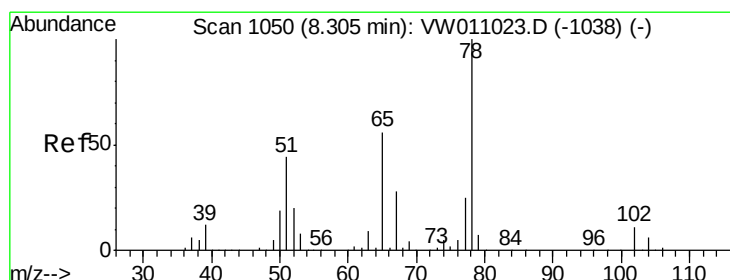
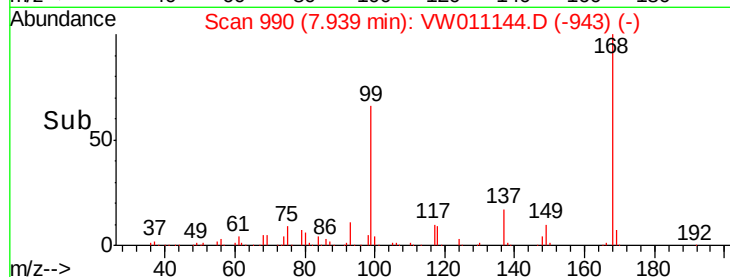
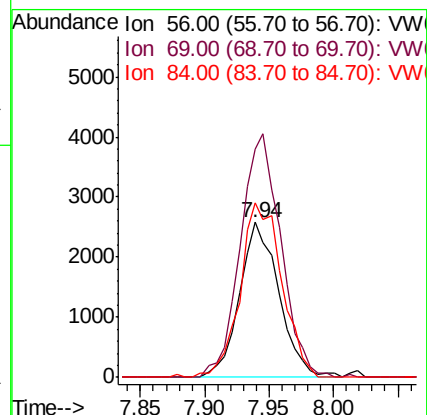
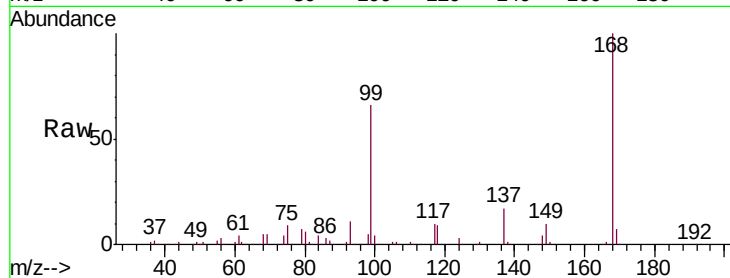
Tgt Ion: 56 Resp: 5478

Ion Ratio Lower Upper

56 100

69 147.5 24.2 36.2#

84 117.5 60.6 90.8#



#33

1,2-Dichloroethane-d4

Concen: 50.570 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011144.D

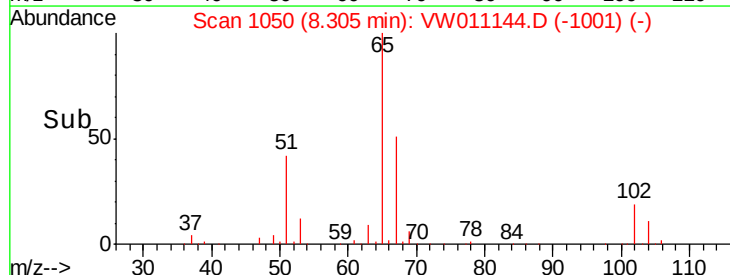
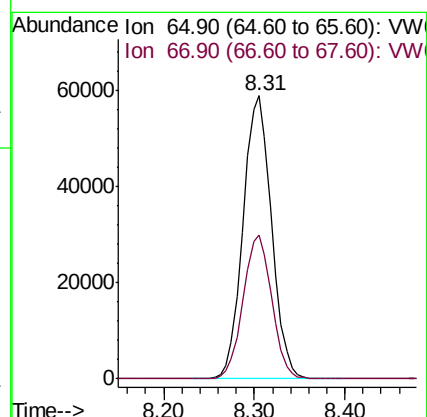
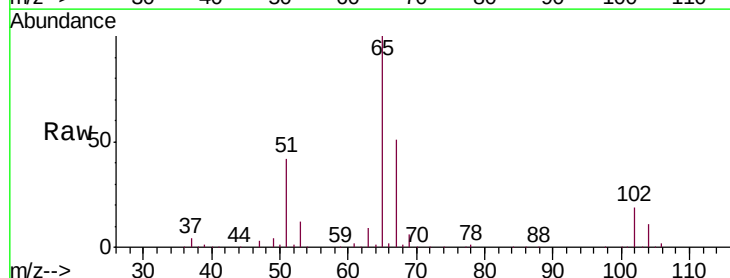
Acq: 03 Jul 2019 17:12

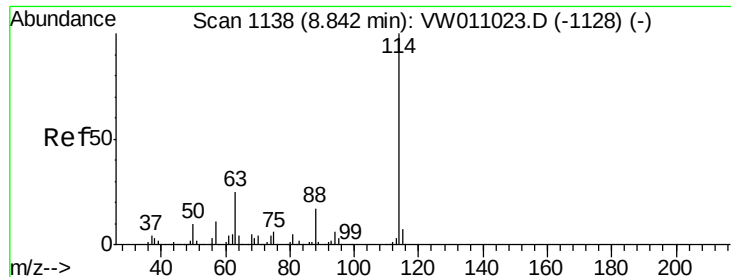
Tgt Ion: 65 Resp: 128147

Ion Ratio Lower Upper

65 100

67 51.3 0.0 102.4

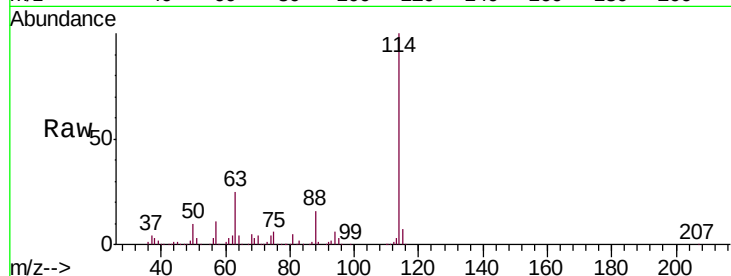




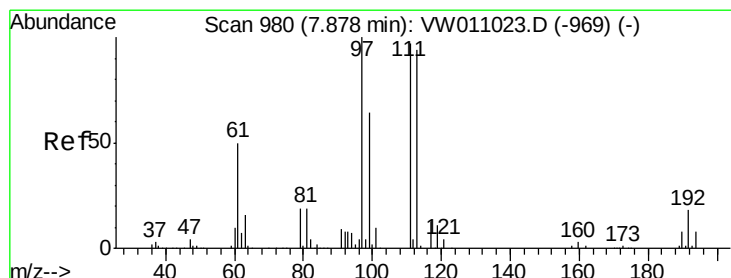
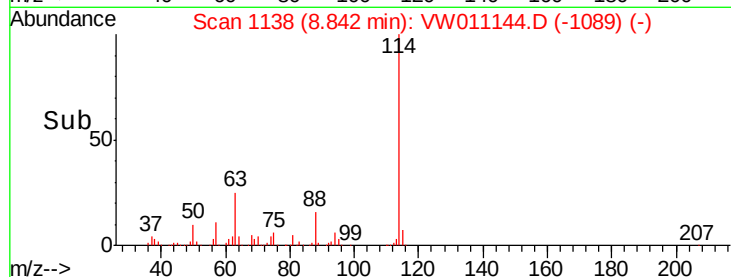
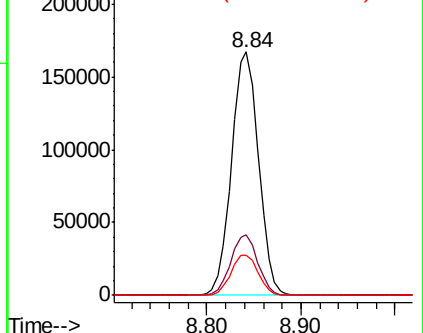
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 D-2X-ROLL-OFF-2-STOCK-PILE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	50.6
88	16.2	0.0	34.0

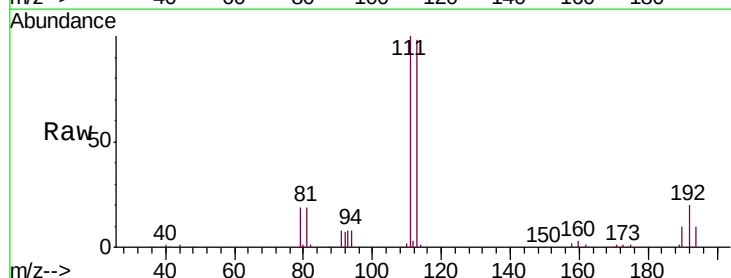


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

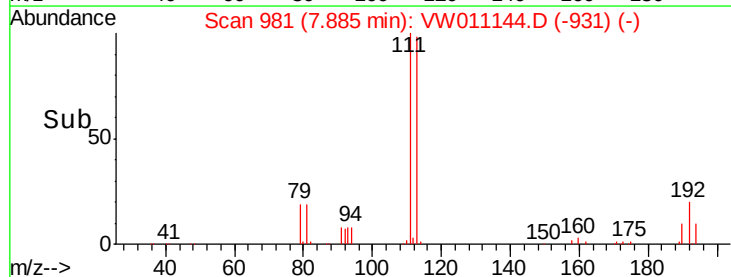
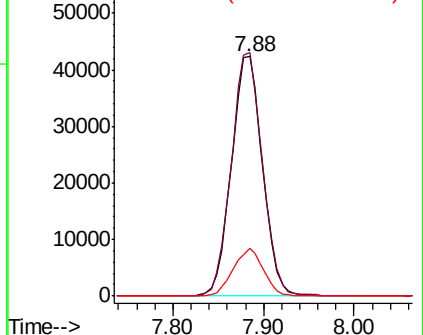


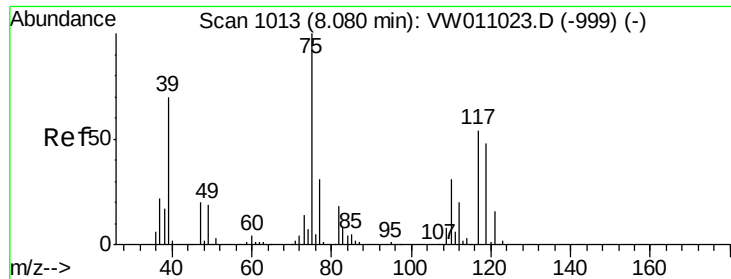
#35
 Dibromofluoromethane
 Concen: 49.391 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.8	125.6
192	19.3	16.0	24.0



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

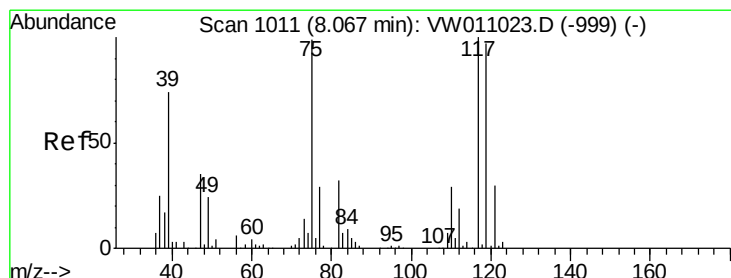
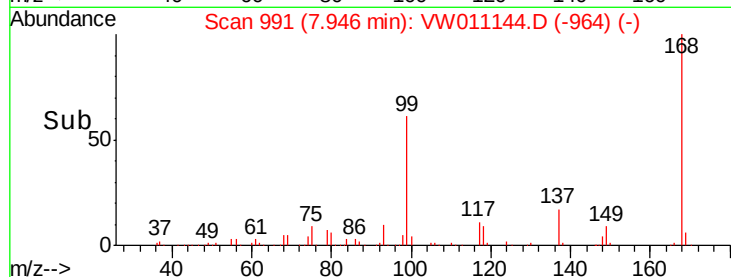
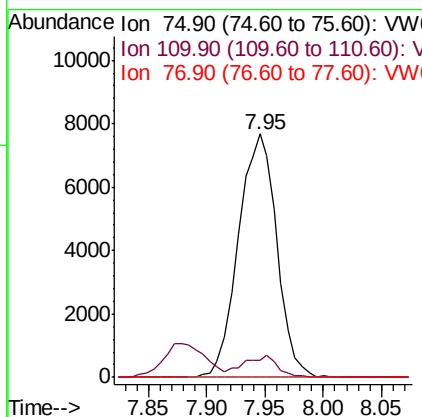
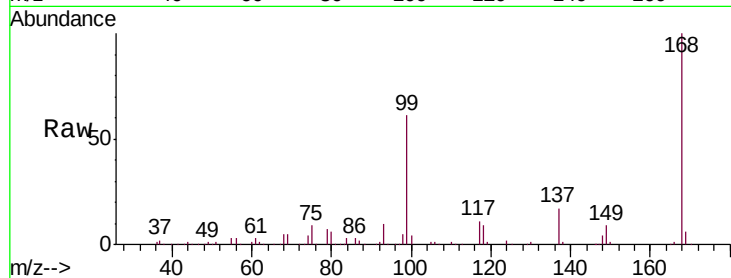




#36
 1,1-Dichloropropene
 Concen: 4.900 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

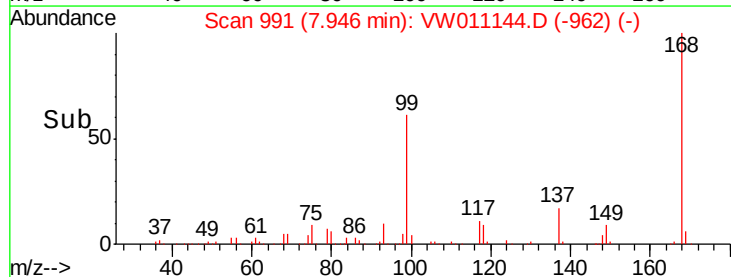
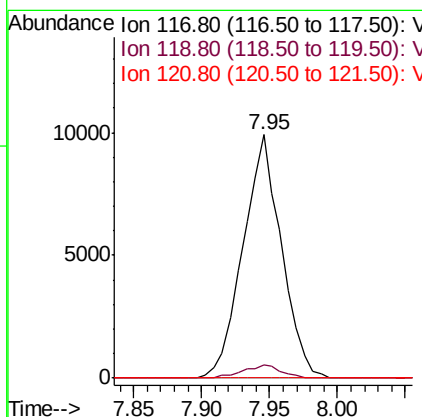
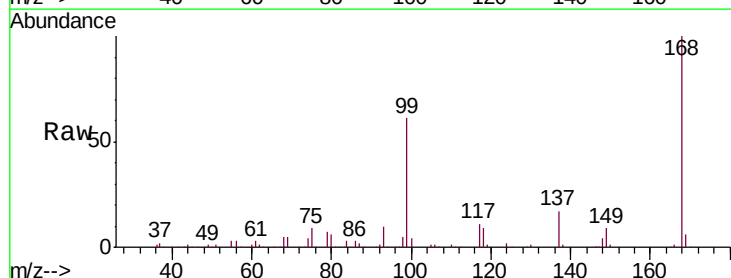
Instrument :
 MSVOA_W
 ClientSampleId :
 D-2X-ROLL-OFF-2-STOCK-PILE

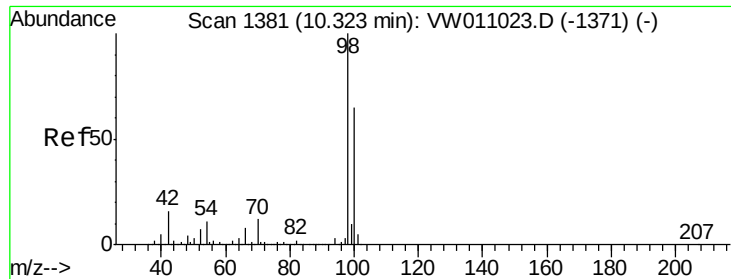
Tgt Ion: 75 Resp: 17562
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.5 46.5#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.641 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Tgt Ion: 117 Resp: 19602
 Ion Ratio Lower Upper
 117 100
 119 5.3 77.7 116.5#
 121 0.0 23.9 35.9#

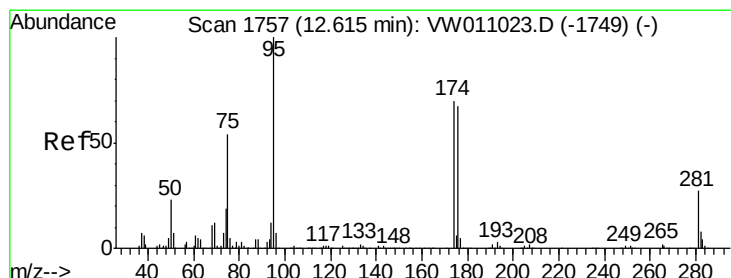
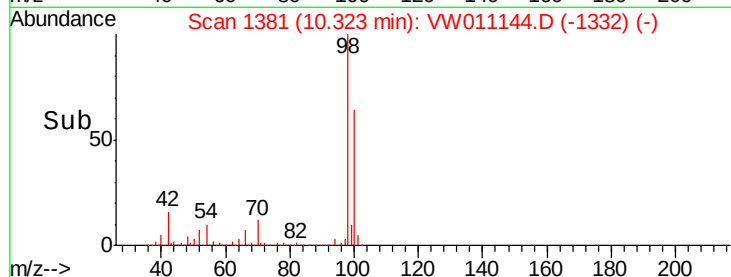
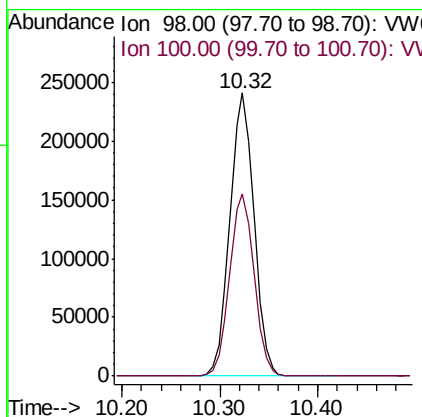
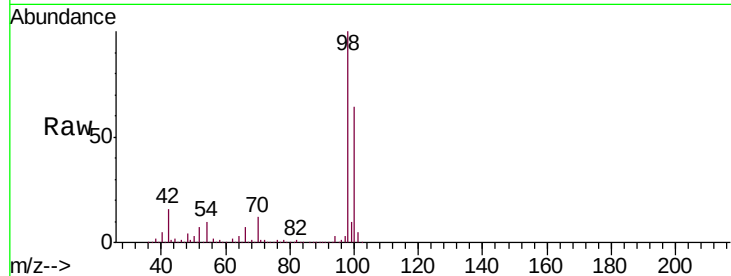




#50
Toluene-d8
Concen: 49.404 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

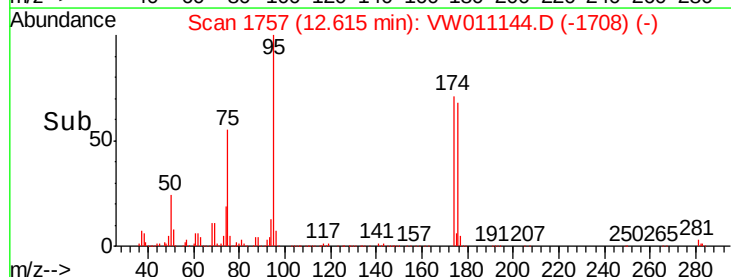
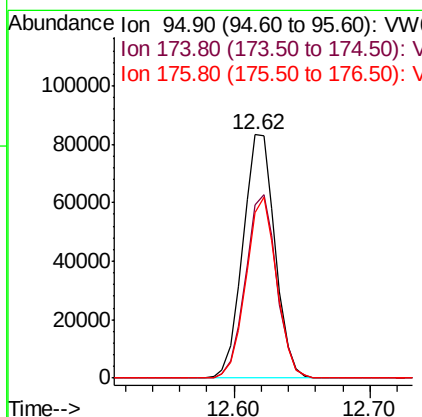
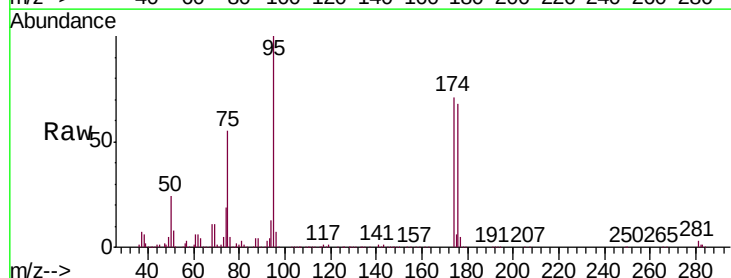
Instrument :
MSVOA_W
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D-2X-ROLL-OFF-2-STOCK-PILE

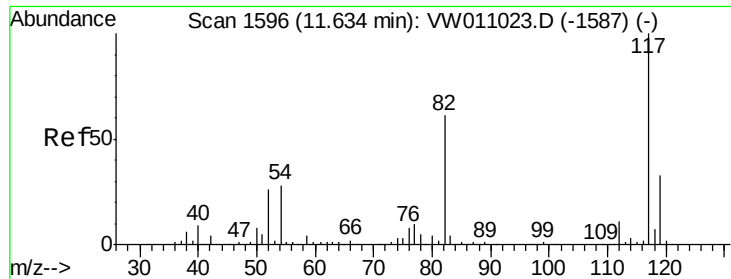
Tgt Ion: 98 Resp: 414086
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.853 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Tgt Ion: 95 Resp: 137500
Ion Ratio Lower Upper
95 100
174 73.2 0.0 149.2
176 71.1 0.0 143.6

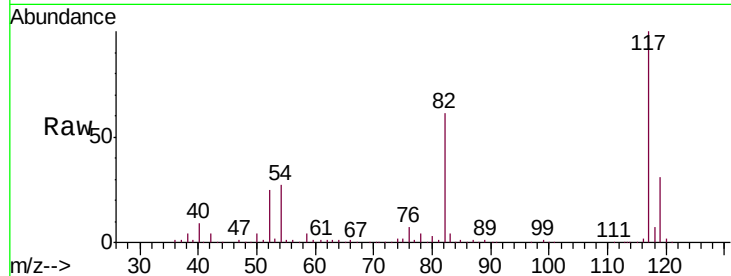




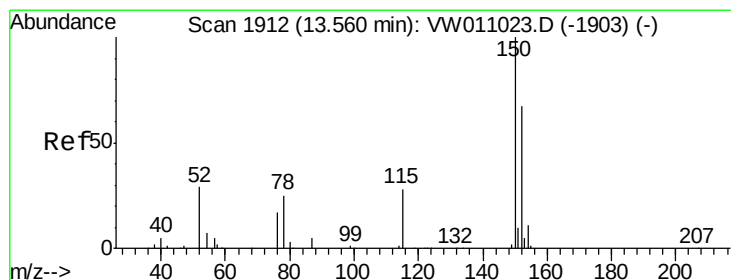
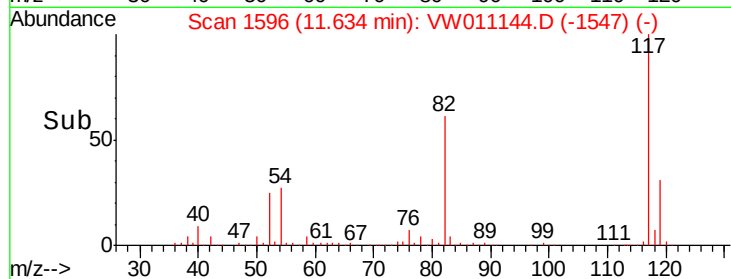
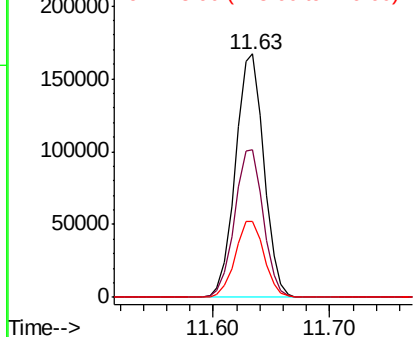
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Instrument :
MSVOA_W
ClientSampleId :
D-2X-ROLL-OFF-2-STOCK-PILE

Tgt Ion:117 Resp: 284528
Ion Ratio Lower Upper
117 100
82 60.6 48.6 73.0
119 31.1 26.1 39.1

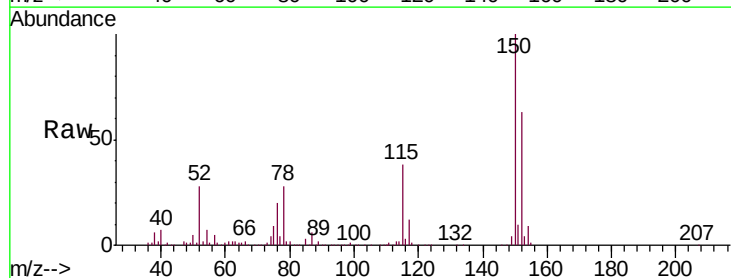


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

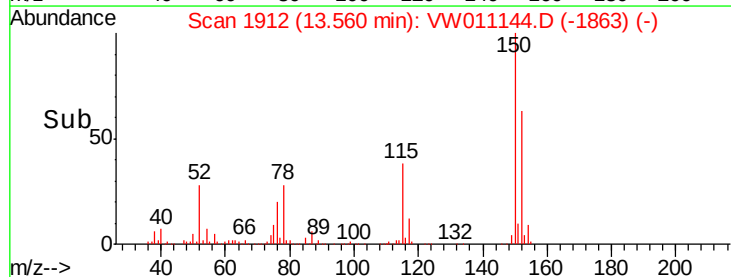
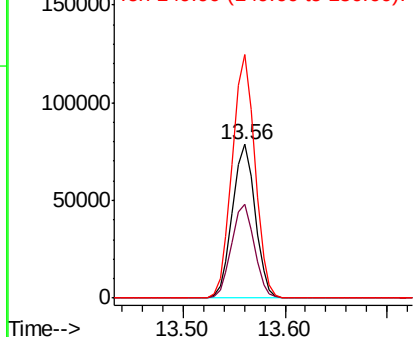


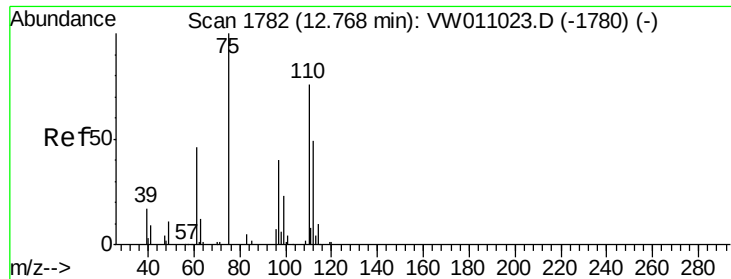
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011144.D
Acq: 03 Jul 2019 17:12

Tgt Ion:152 Resp: 121570
Ion Ratio Lower Upper
152 100
115 61.0 30.7 92.1
150 157.7 0.0 341.8



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

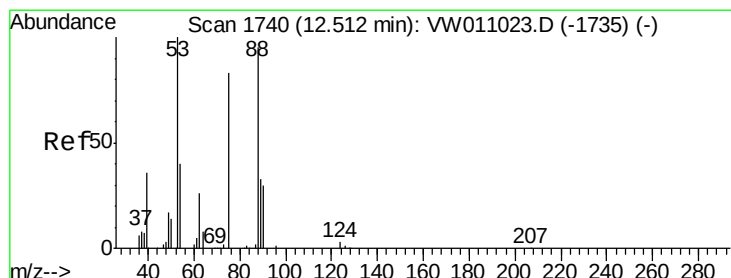
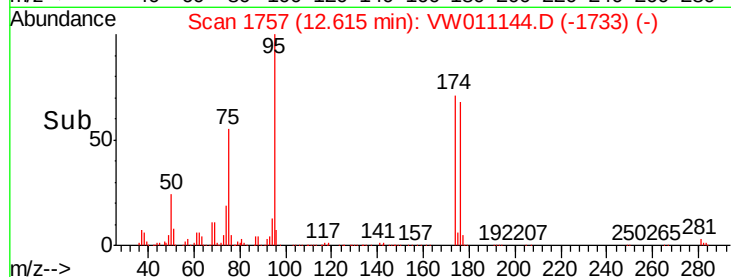
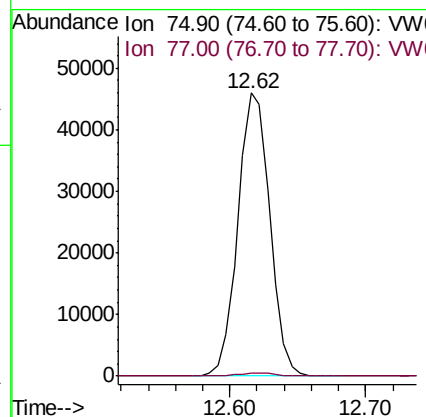
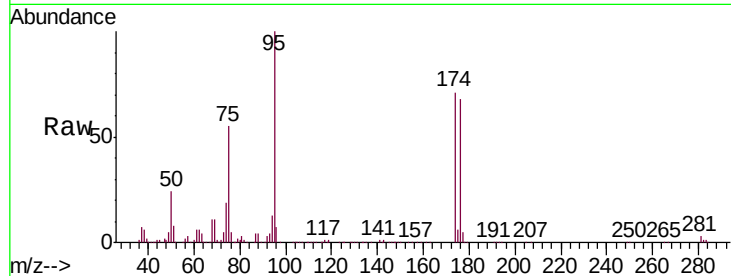




#76
 1,2,3-Trichloropropane
 Concen: 58.516 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Instrument :
 MSVOA_W
 ClientSampleId :
 D-2X-ROLL-OFF-2-STOCK-PILE

Tgt Ion: 75 Resp: 75103
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.393 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011144.D
 Acq: 03 Jul 2019 17:12

Tgt Ion: 75 Resp: 75103
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.1 34.4 51.6#

