

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007487.D
 Acq On : 13 Dec 2018 14:44
 Operator : SY/AP
 Sample : J6319-07RE
 Misc : 4.38G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 061_SW-N-1

Quant Time: Dec 13 15:23:58 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	86584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	119801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	48494	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	35549	37.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.02%	
35) Dibromofluoromethane	7.88	113	33061	38.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.12%	
50) Toluene-d8	10.32	98	111745	34.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	68.62%	
62) 4-Bromofluorobenzene	12.62	95	39233	32.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	65.52%	

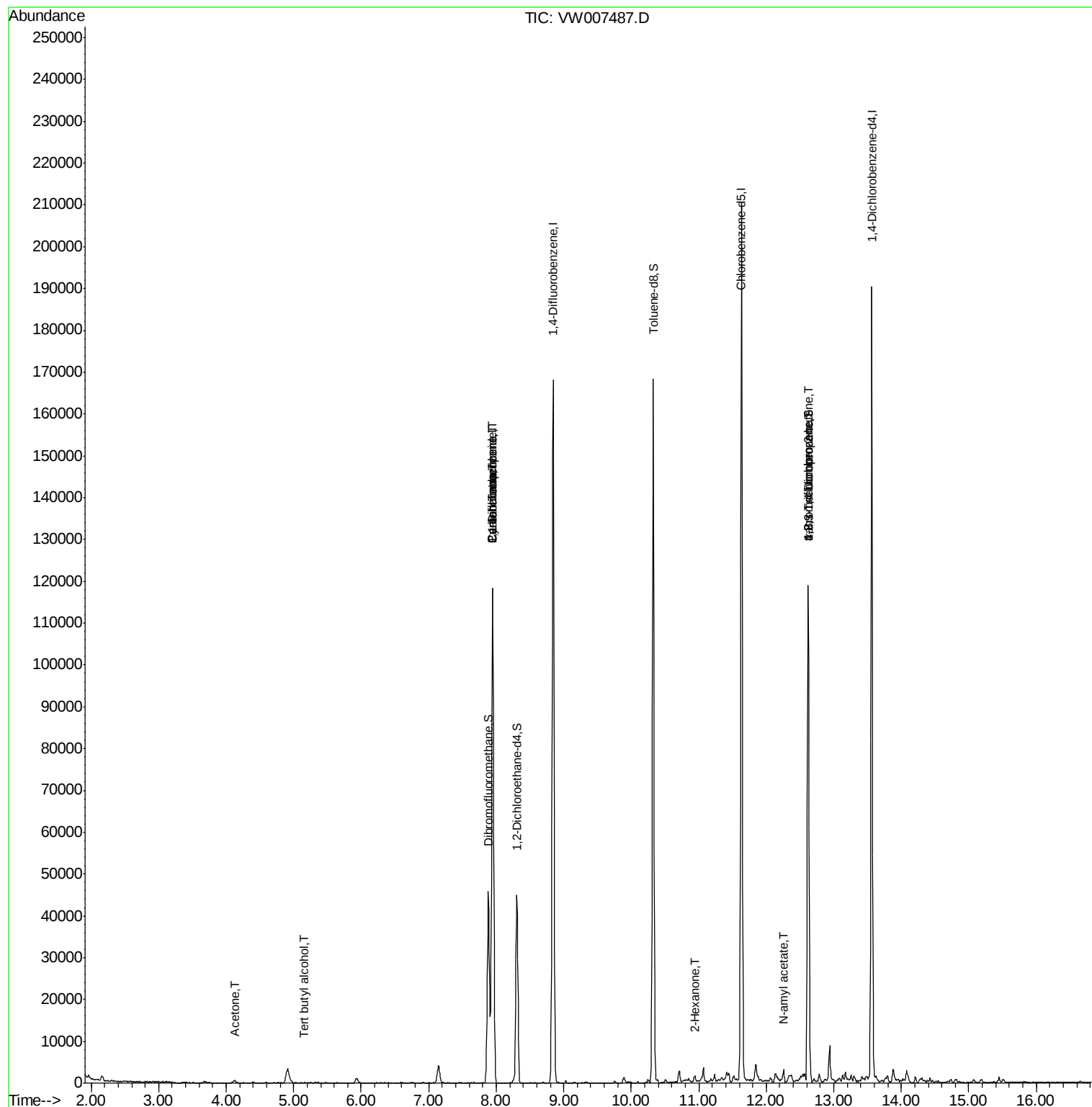
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	76	1.152	ug/l #	74
16) Acetone	4.12	43	1039	6.192	ug/l	95
20) Methylene Chloride	4.92	84	3233	Below Cal	#	89
31) Cyclohexane	7.95	56	1836	1.230	ug/l #	18
36) 1,1-Dichloropropene	7.95	75	6591	5.035	ug/l #	50
38) Carbon Tetrachloride	7.95	117	9332	6.552	ug/l #	20
59) 2-Hexanone	10.93	43	436	1.439	ug/l #	24
74) N-amyl acetate	12.26	43	854	1.265	ug/l #	58
76) 1,2,3-Trichloropropane	12.62	75	20213	50.552	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	20213	111.669	ug/l #	7

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

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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: VW007487.D

Acq: 13 Dec 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

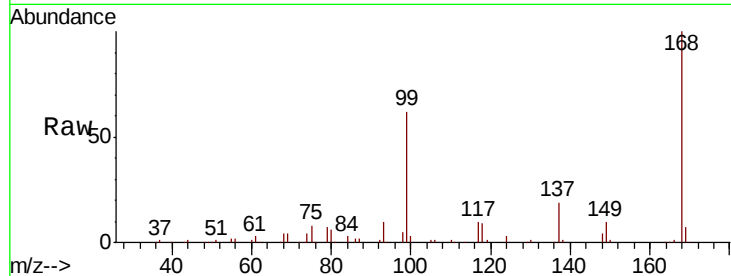
061_SW-N-1

Tot Ion:168 Resp: 86584

Ion Ratio Lower Upper

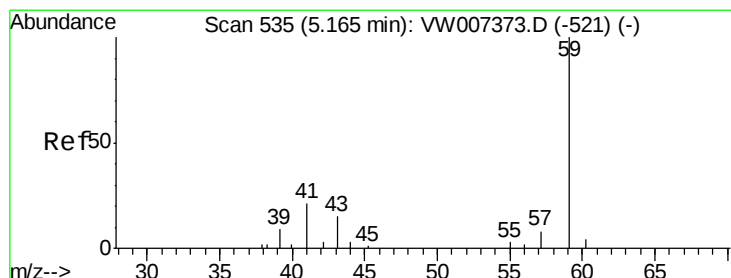
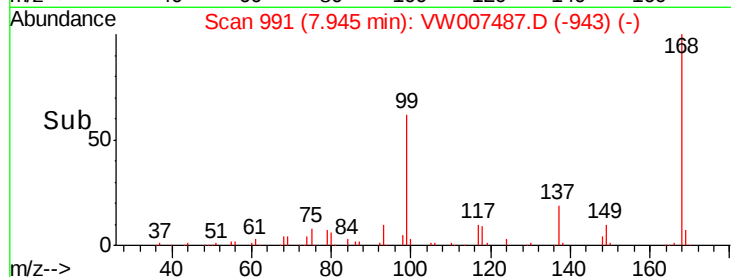
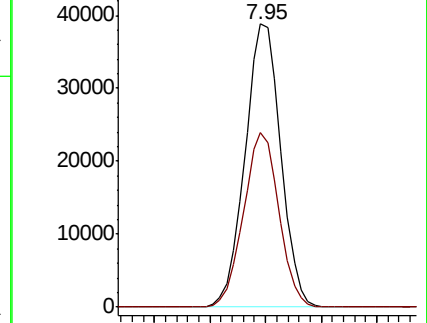
168 100

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



#11

Tert butyl alcohol

Concen: 1.152 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW007487.D

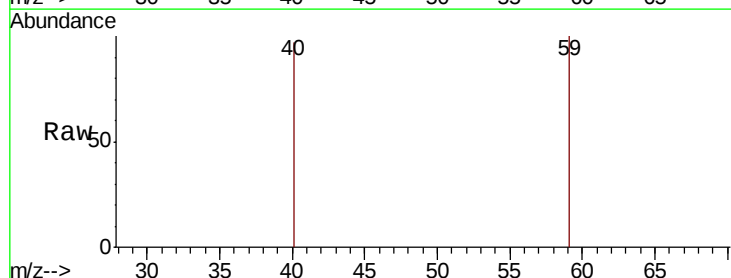
Acq: 13 Dec 2018 14:44

Tgt Ion: 59 Resp: 76

Ion Ratio Lower Upper

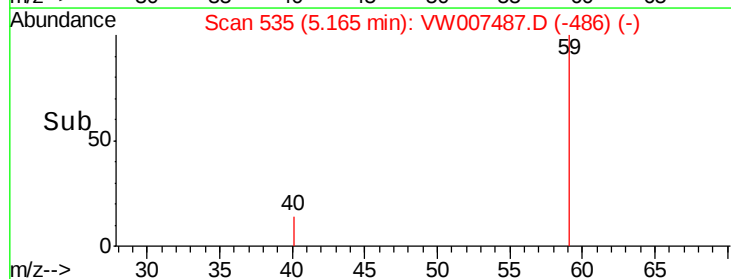
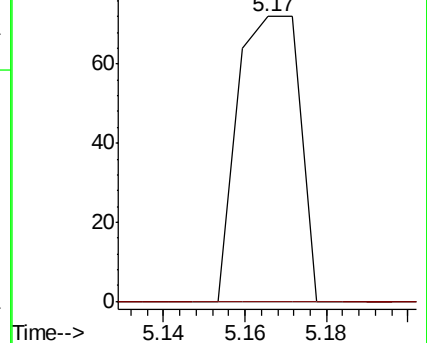
59 100

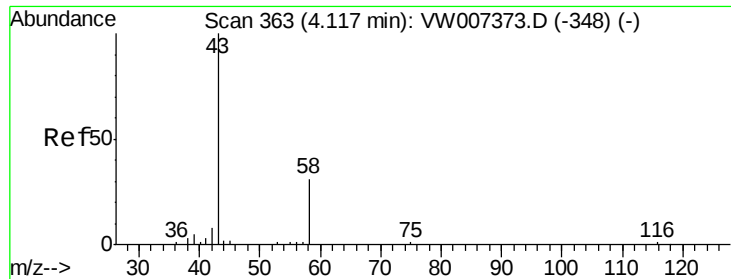
57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

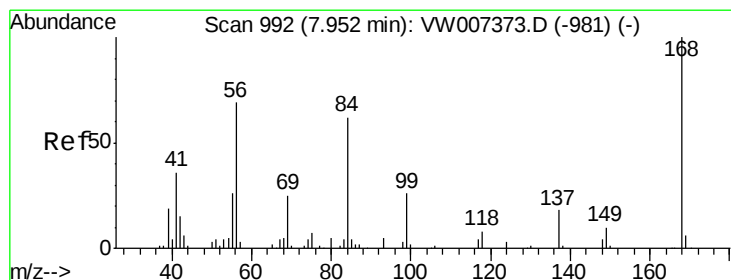
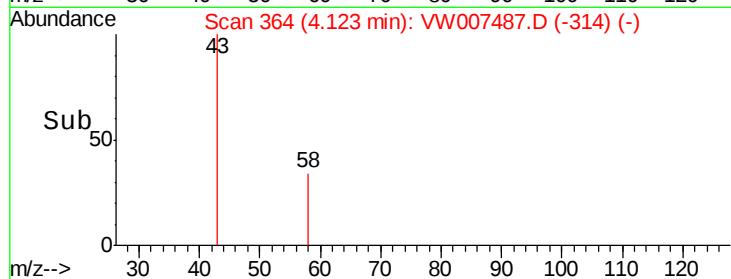
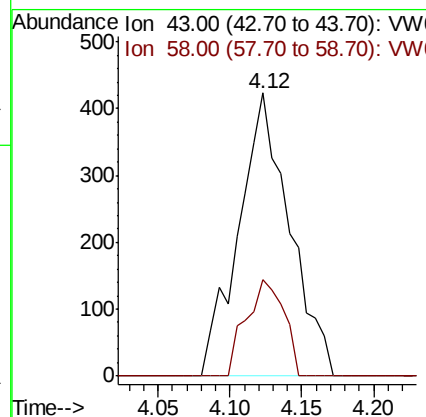
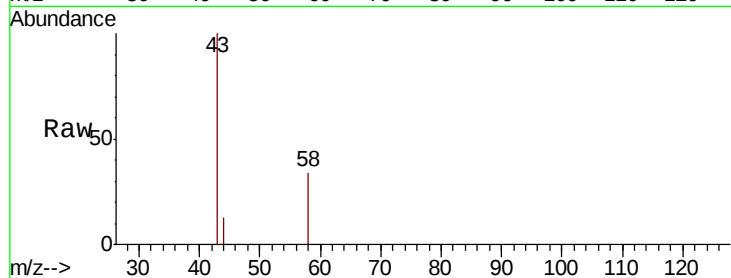




#16
Acetone
Concen: 6.192 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

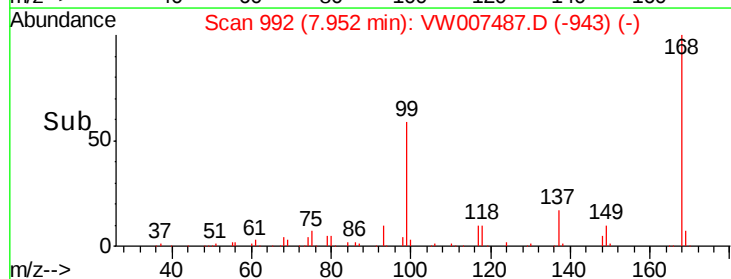
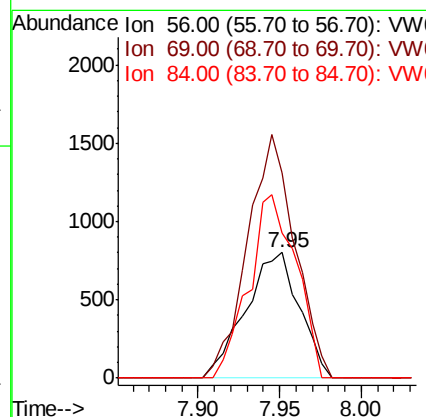
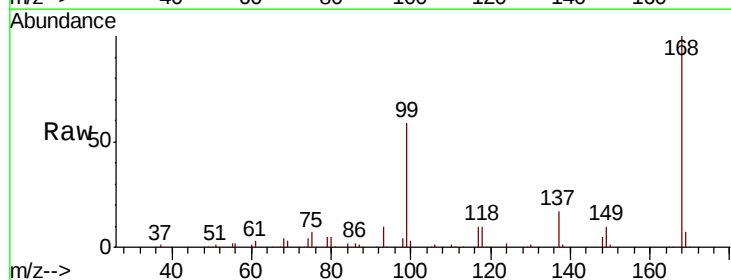
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MSVOA_W
ClientSampleId :
061_SW-N-1

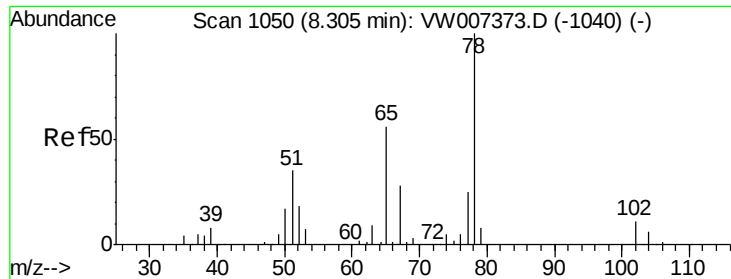
Tot Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 34.0 24.9 37.3



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

Tgt Ion: 56 Resp: 1836
Ion Ratio Lower Upper
56 100
69 163.7 28.9 43.3#
84 115.6 71.8 107.6#

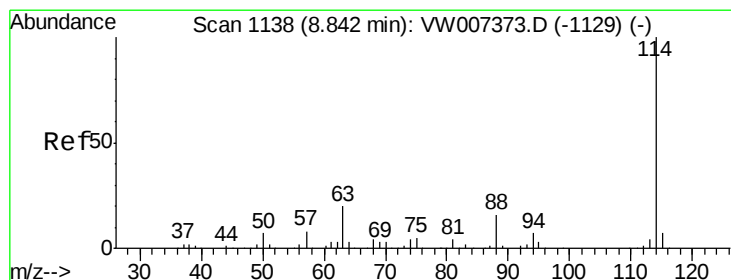
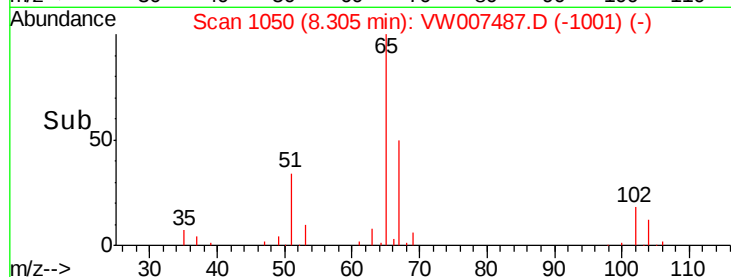
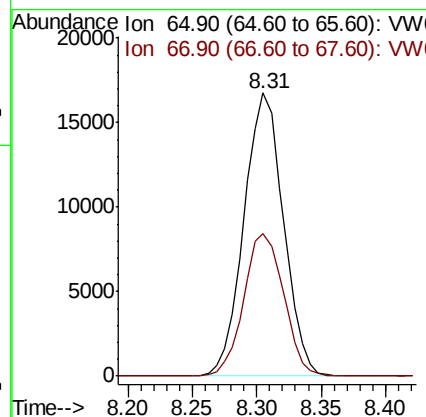
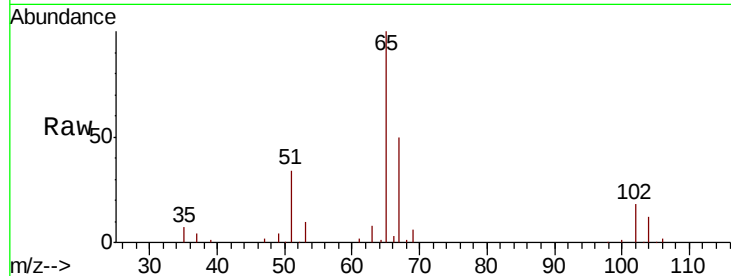




#33
 1,2-Dichloroethane-d4
 Concen: 37.008 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007487.D
 Acq: 13 Dec 2018 14:44

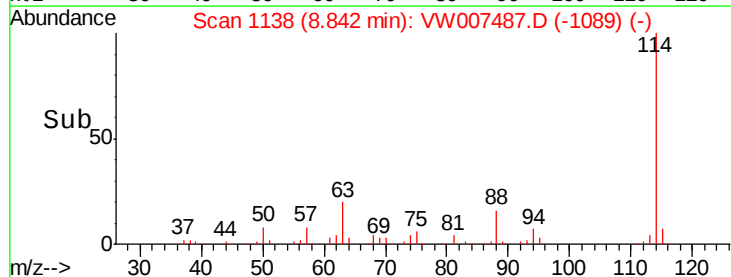
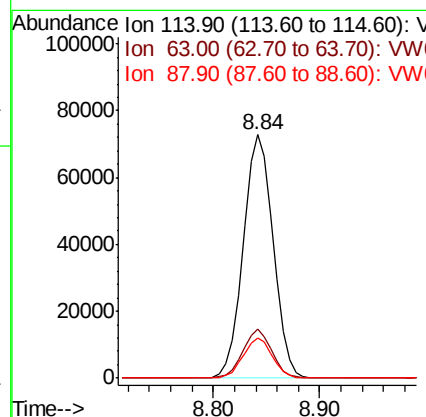
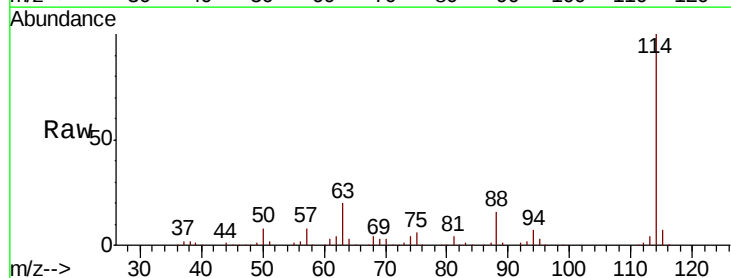
Instrument :
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 ClientSampleId :
 061_SW-N-1

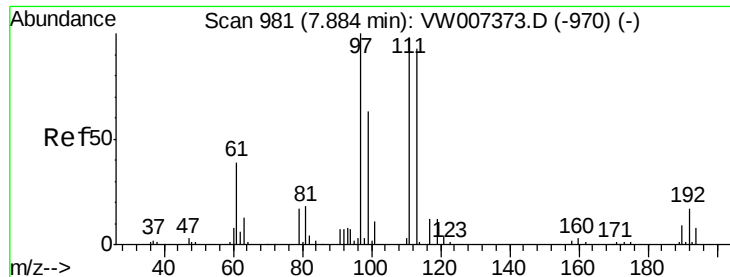
Tot Ion: 65 Resp: 35549
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007487.D
 Acq: 13 Dec 2018 14:44

Tgt Ion: 114 Resp: 143487
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 16.2 0.0 31.4

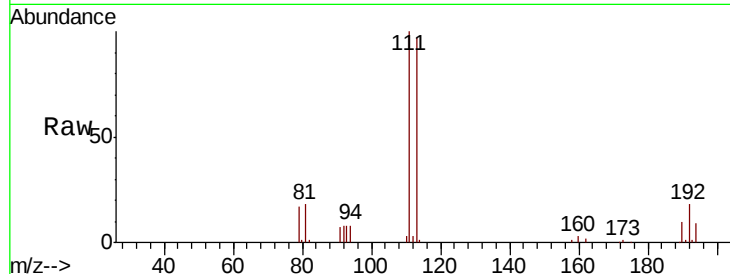




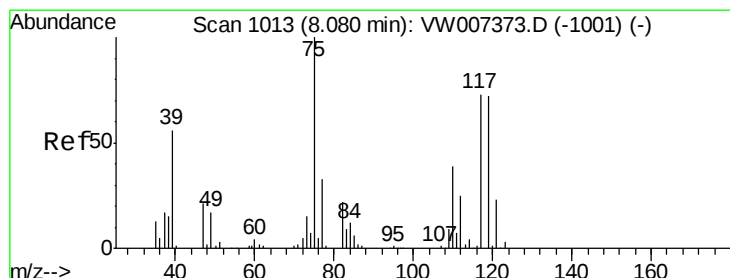
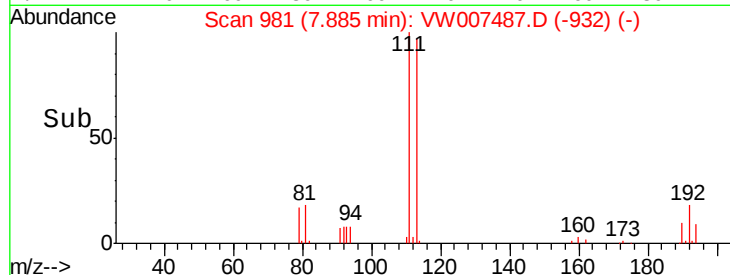
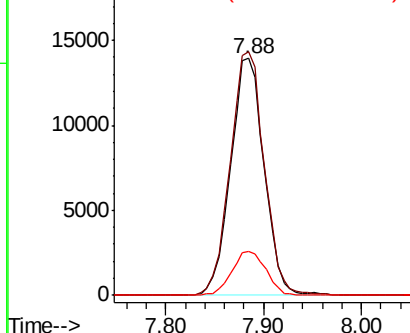
#35
 Dibromofluoromethane
 Concen: 38.063 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007487.D
 Acq: 13 Dec 2018 14:44

Instrument :
 MSVOA_W
 ClientSampleId :
 061_SW-N-1

Tot Ion:113 Resp: 33061
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.1 121.7
 192 18.7 14.6 21.8

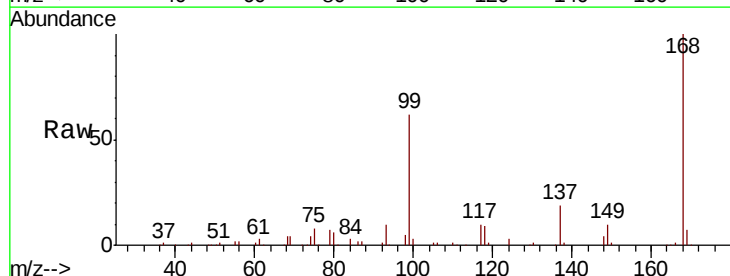


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

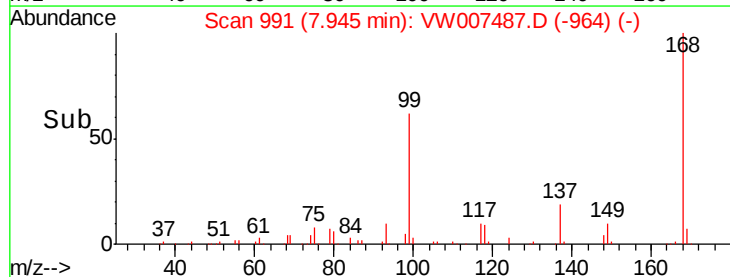
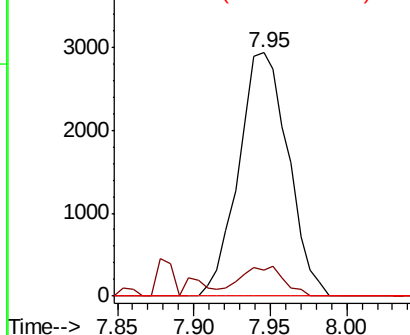


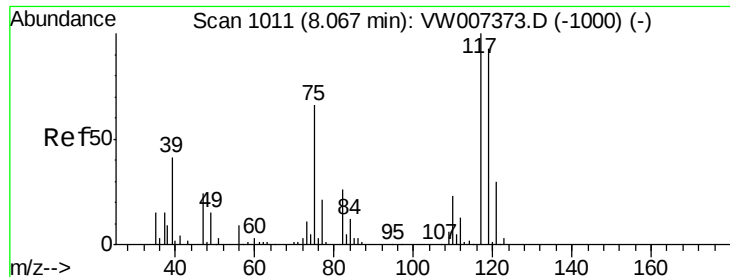
#36
 1,1-Dichloropropene
 Concen: 5.035 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007487.D
 Acq: 13 Dec 2018 14:44

Tgt Ion: 75 Resp: 6591
 Ion Ratio Lower Upper
 75 100
 110 10.7 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

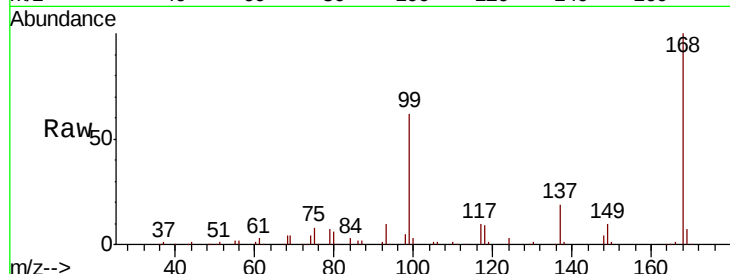




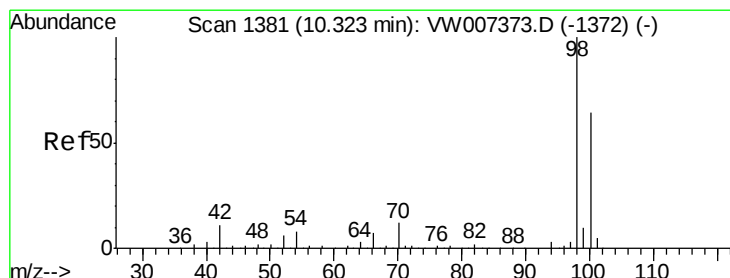
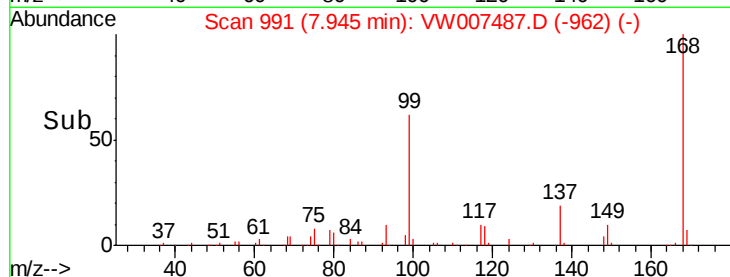
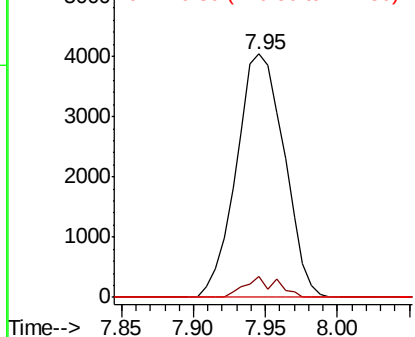
#38
Carbon Tetrachloride
Concen: 6.552 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

Instrument :
MSVOA_W
ClientSampleId :
061_SW-N-1

Tot Ion:117 Resp: 9332
Ion Ratio Lower Upper
117 100
119 8.6 74.3 111.5#
121 0.0 24.3 36.5#

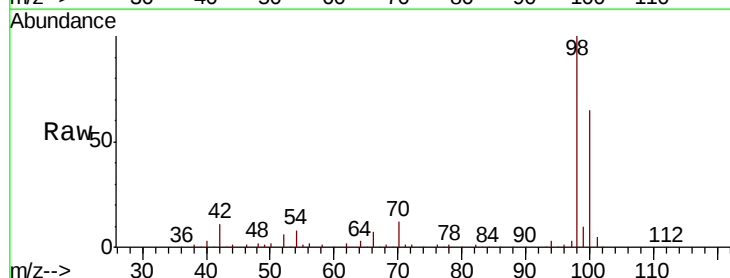


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

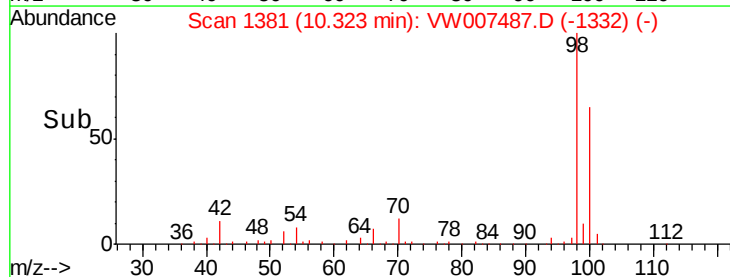
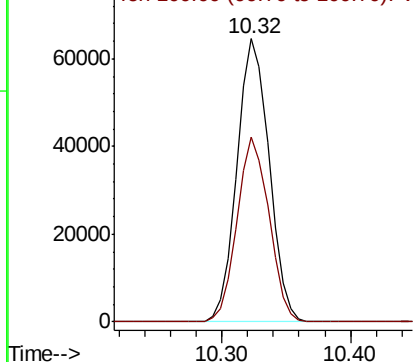


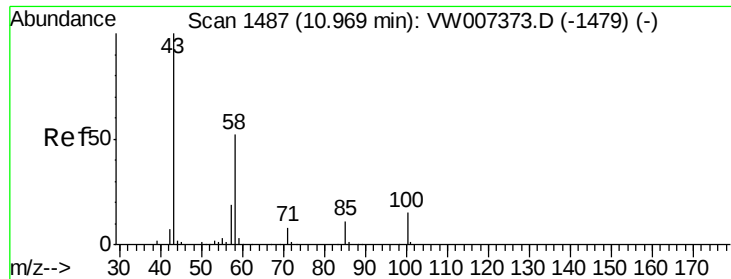
#50
Toluene-d8
Concen: 34.312 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

Tgt Ion: 98 Resp: 111745
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

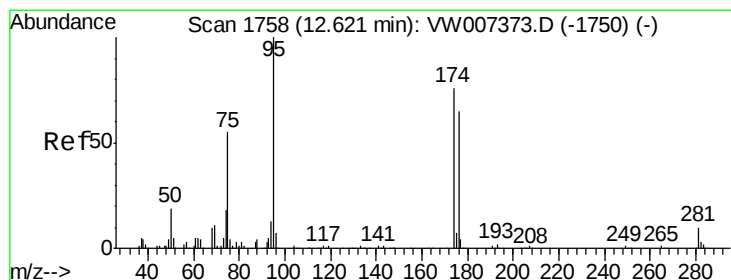
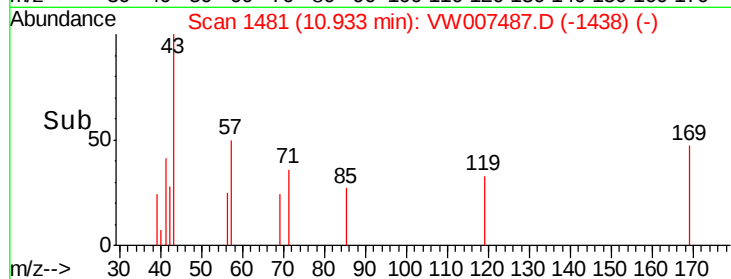
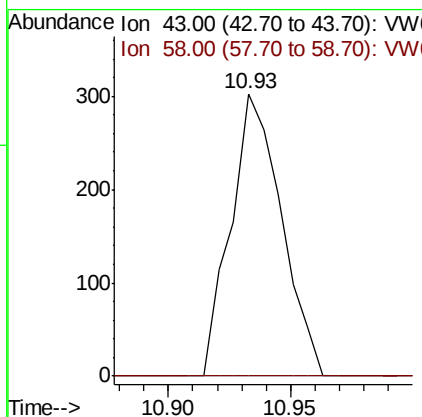
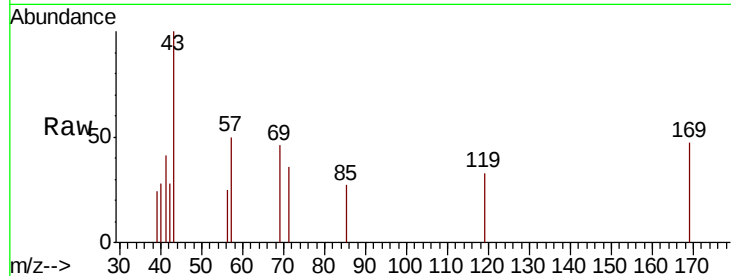




#59
2-Hexanone
Concen: 1.439 ug/l
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

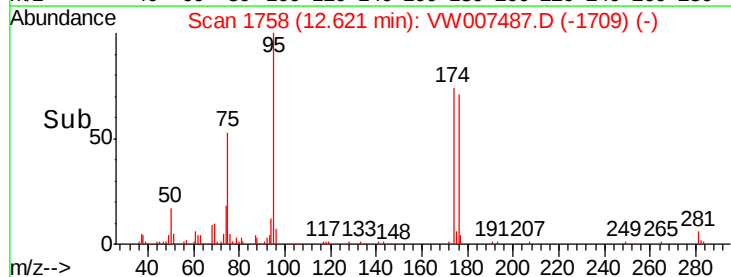
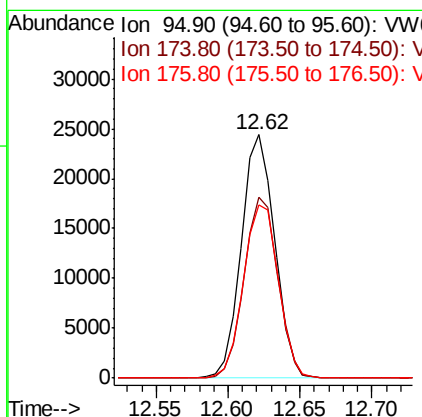
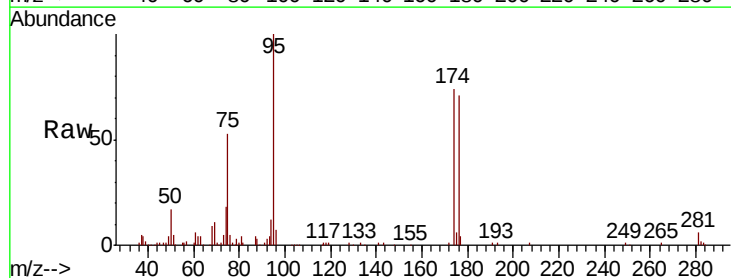
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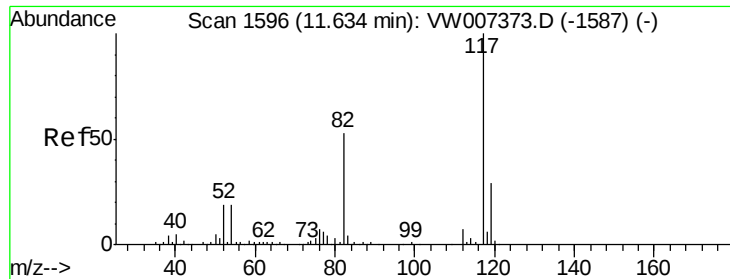
Tot Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.3#



#62
4-Bromofluorobenzene
Concen: 32.765 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

Tgt Ion: 95 Resp: 39233
Ion Ratio Lower Upper
95 100
174 74.9 0.0 147.2
176 74.1 0.0 138.8

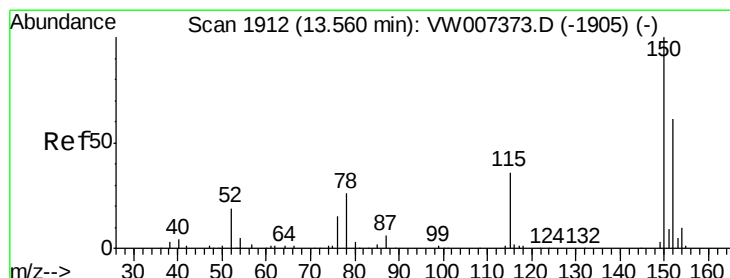
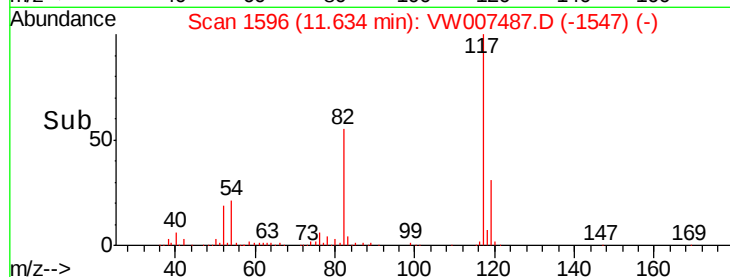
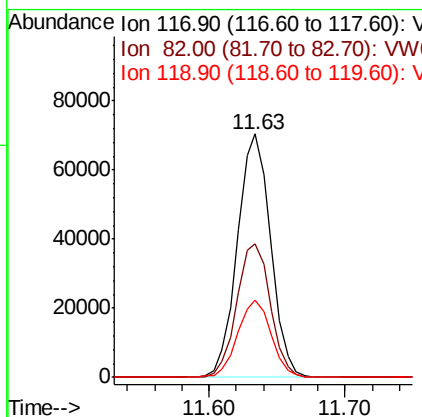
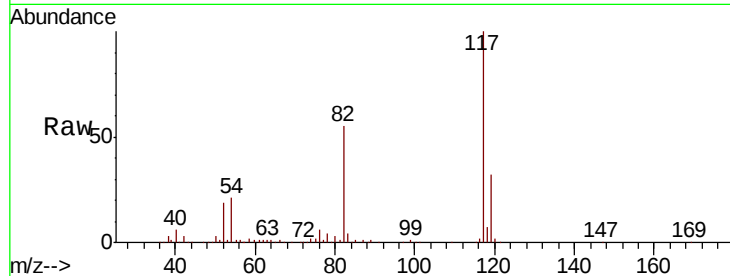




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

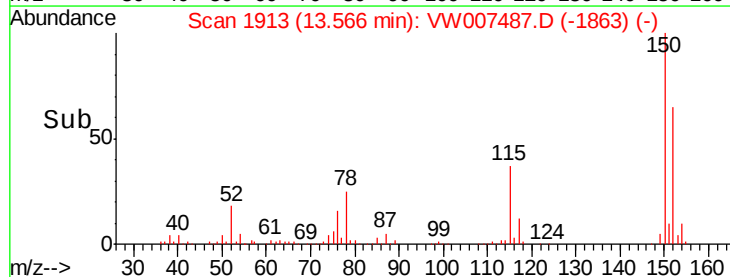
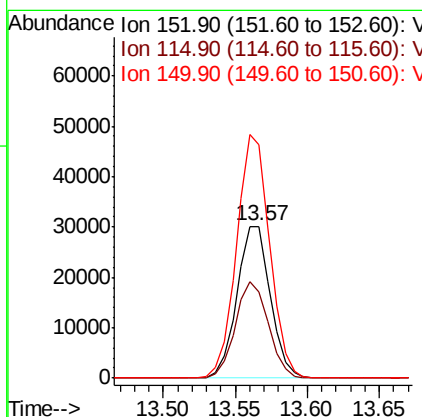
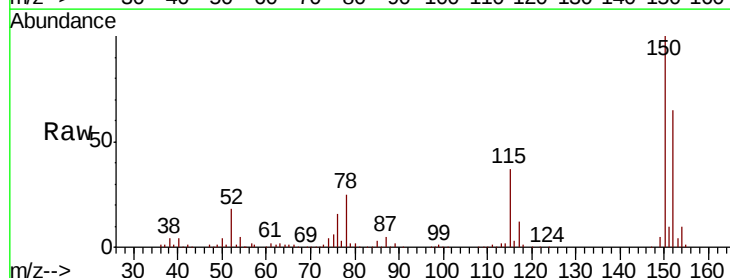
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061_SW-N-1

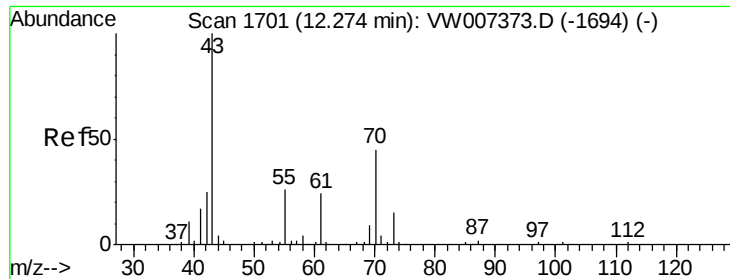
Tot Ion:117 Resp: 119801
Ion Ratio Lower Upper
117 100
82 54.9 42.3 63.5
119 31.5 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007487.D
Acq: 13 Dec 2018 14:44

Tgt Ion:152 Resp: 48494
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.2
150 158.8 0.0 358.4





#74

N-amvl acetate

Concen: 1.265 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW007487.D

Acq: 13 Dec 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

061_SW-N-1

Tot Ion: 43 Resp: 854

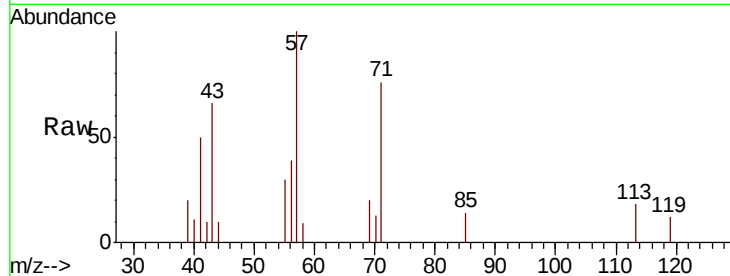
Ion Ratio Lower Upper

43 100

70 17.7 36.5 54.7#

55 41.7 20.1 30.1#

61 0.0 19.3 28.9#

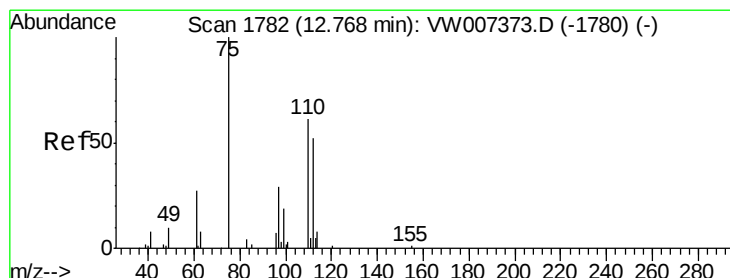
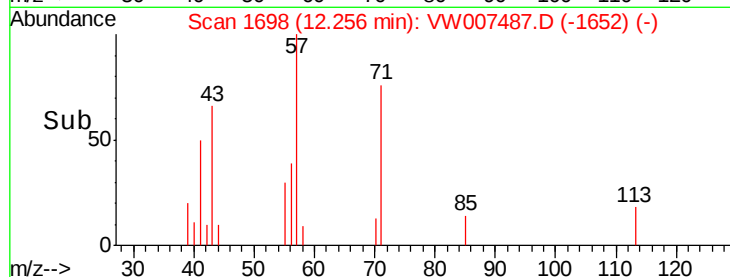
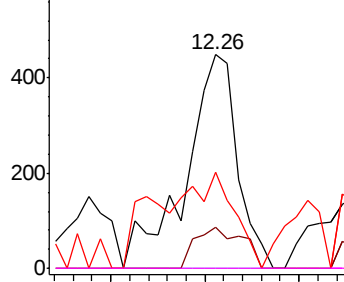


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW



#76

1,2,3-Trichloropropane

Concen: 50.552 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007487.D

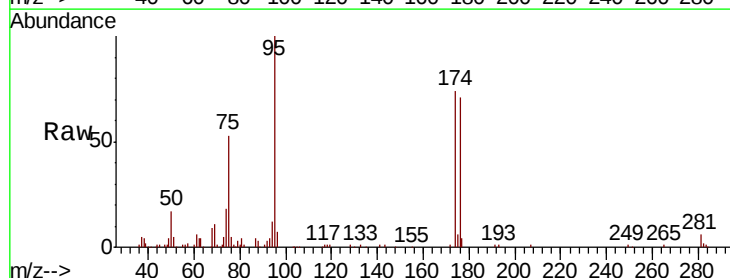
Acq: 13 Dec 2018 14:44

Tgt Ion: 75 Resp: 20213

Ion Ratio Lower Upper

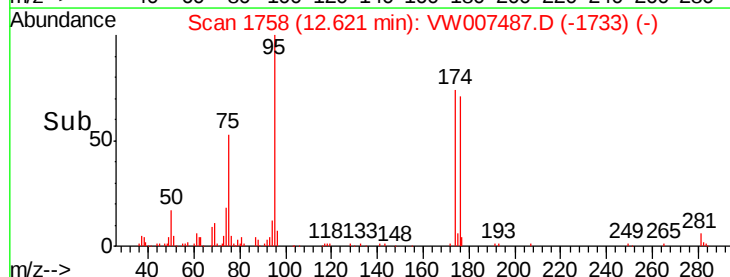
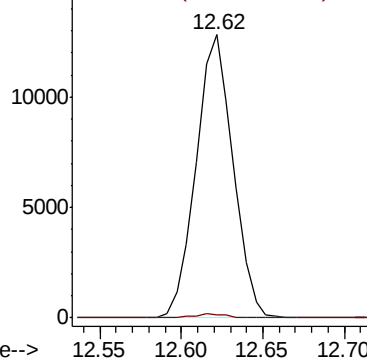
75 100

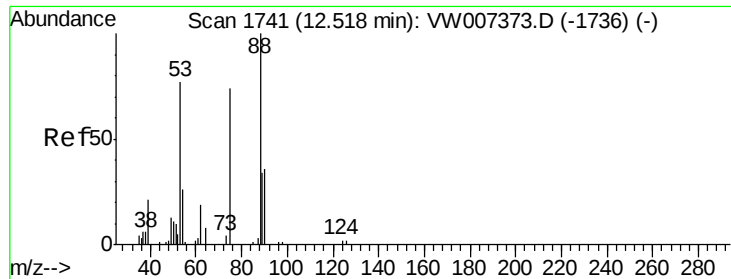
77 1.2 166.9 500.8#



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: 111.669 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007487.D

Acq: 13 Dec 2018 14:44

Instrument :

MSVOA_W

ClientSampleId :

061_SW-N-1

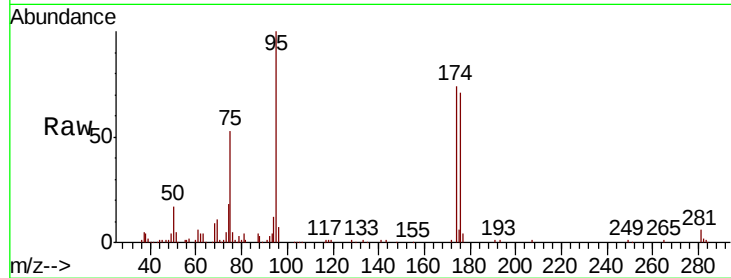
Tot Ion: 75 Resp: 20213

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.2 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

