

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031219\
 Data File : VD061025.D
 Acq On : 12 Mar 2019 15:42
 Operator : VA/AP
 Sample : K1824-01RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: Mar 13 04:08:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

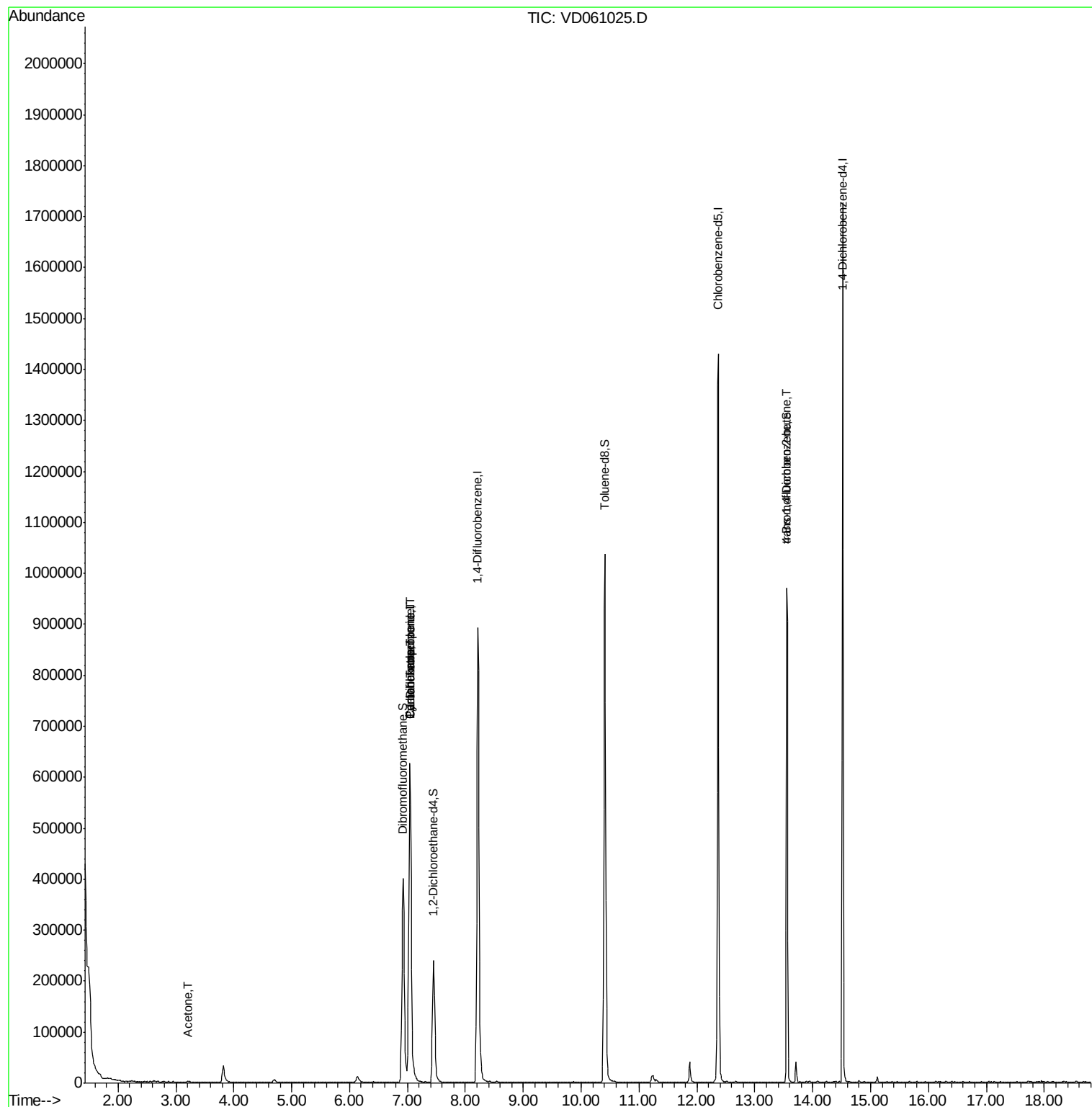
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	655653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1099133	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	971421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	386931	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	232849	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
35) Dibromofluoromethane	6.92	113	381683	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	10.41	98	935251	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
62) 4-Bromofluorobenzene	13.55	95	337308	42.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.88%	
Target Compounds						
16) Acetone	3.21	43	2480	1.589	ug/l	91
20) Methylene Chloride	3.82	84	25291	Below Cal		92
31) Cyclohexane	7.04	56	11048	1.144	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	48667	5.137	ug/l #	45
38) Carbon Tetrachloride	7.04	117	62366	5.976	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	122785	74.815	ug/l #	17

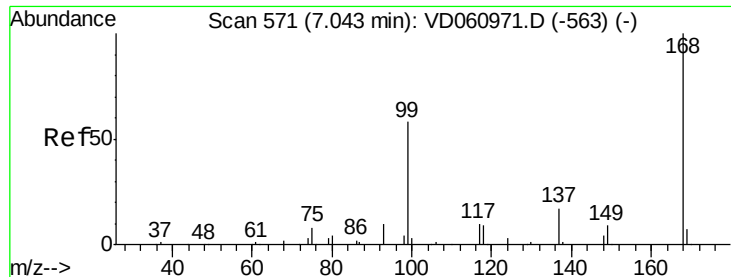
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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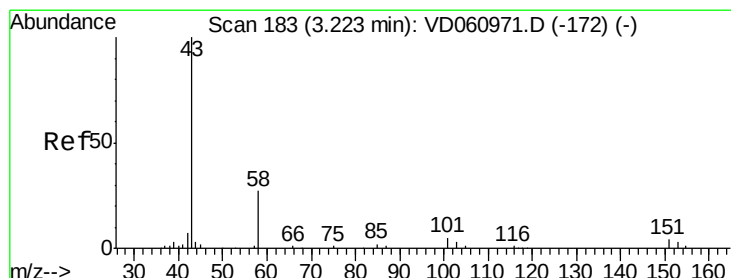
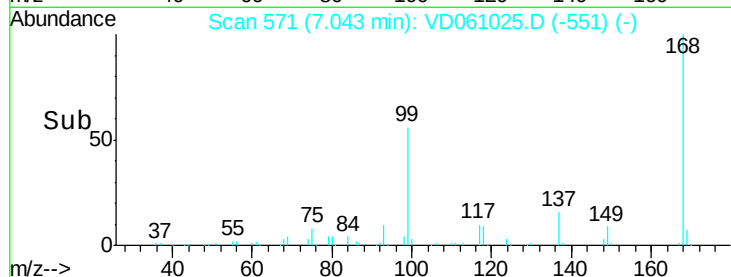
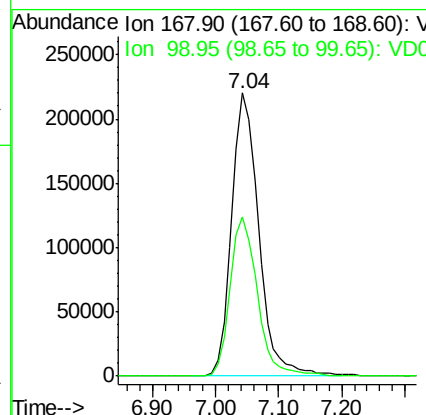
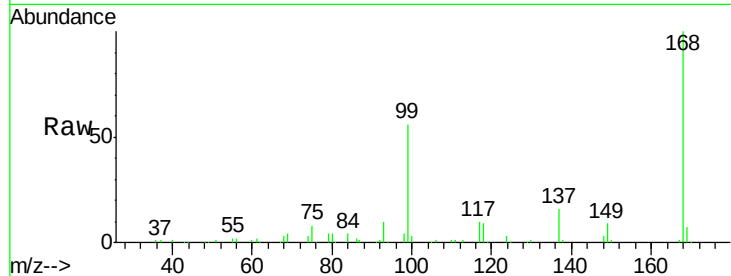




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.00 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

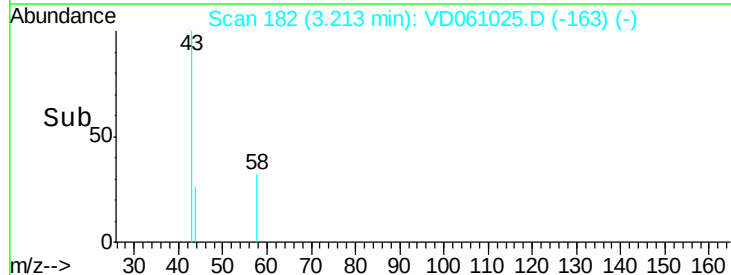
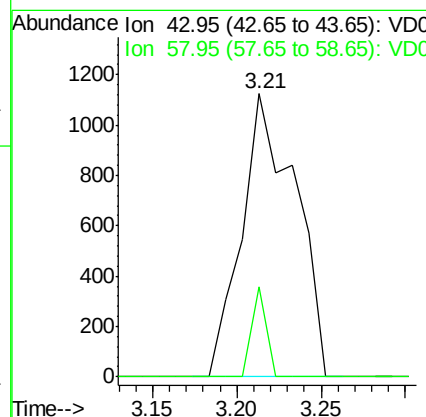
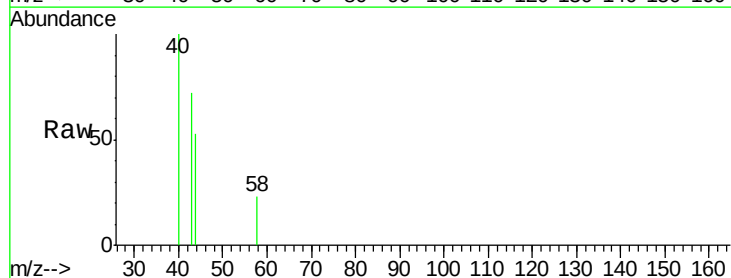
Instrument :
MSVOA_D
ClientSampleId :
TP-24

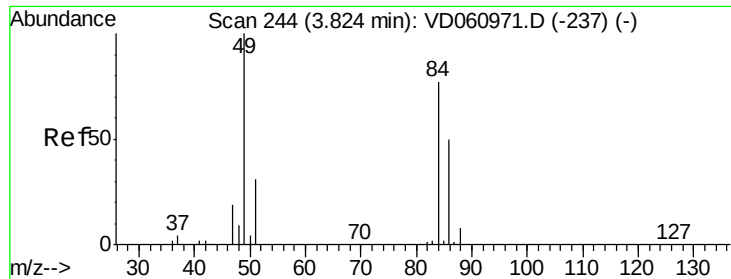
Tot Ion:168 Resp: 655653
Ion Ratio Lower Upper
168 100
99 56.2 47.3 70.9



#16
Acetone
Concen: 1.589 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Tgt Ion: 43 Resp: 2480
Ion Ratio Lower Upper
43 100
58 31.7 21.6 32.4

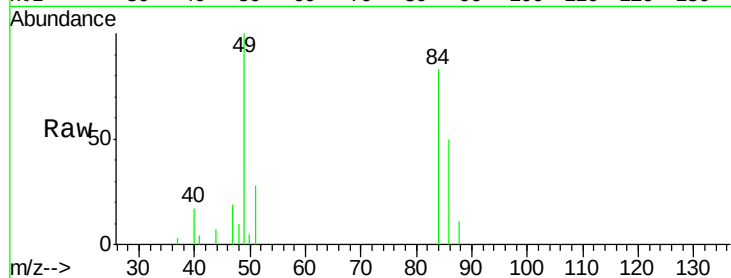




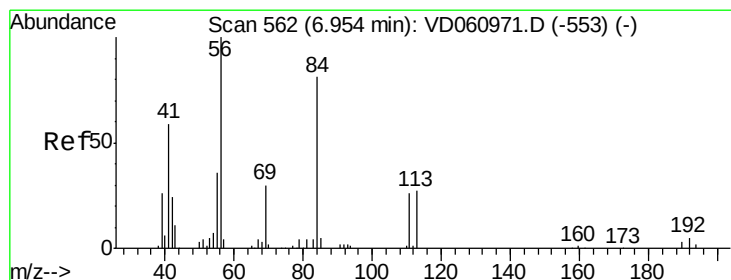
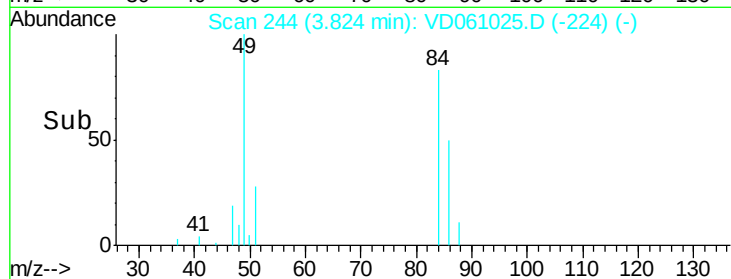
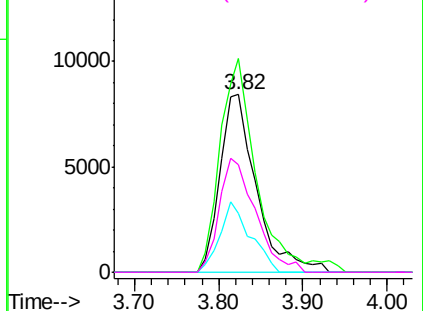
#20
Methylene Chloride
Concen: Below Cal
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Instrument :
MSVOA_D
ClientSampleId :
TP-24

Tot Ion: 84 Resp: 25291
Ion Ratio Lower Upper
84 100
49 120.2 104.2 156.2
51 33.2 32.3 48.5
86 60.6 52.3 78.5

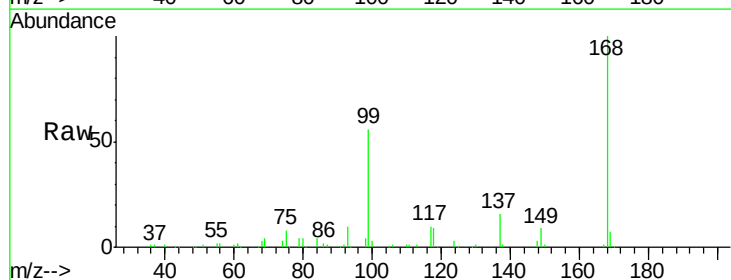


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

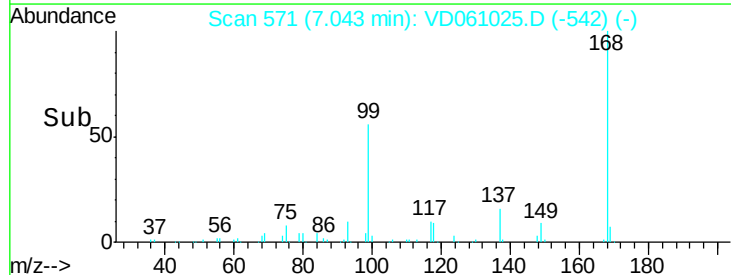
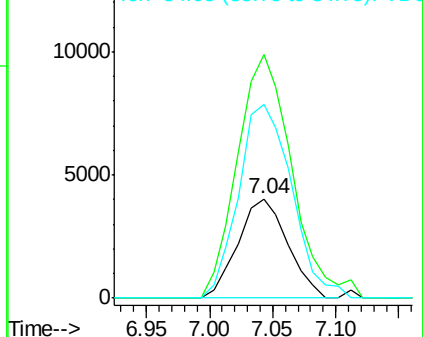


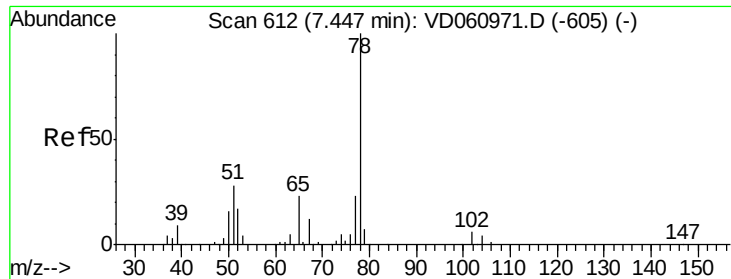
#31
Cyclohexane
Concen: 1.144 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061025.D
Acq: 12 Mar 2019 15:42

Tgt Ion: 56 Resp: 11048
Ion Ratio Lower Upper
56 100
69 244.5 24.0 36.0#
84 194.6 65.8 98.6#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

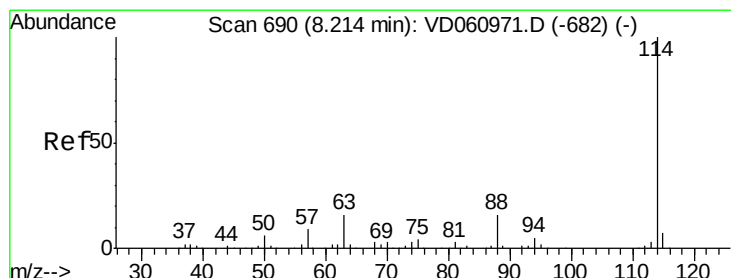
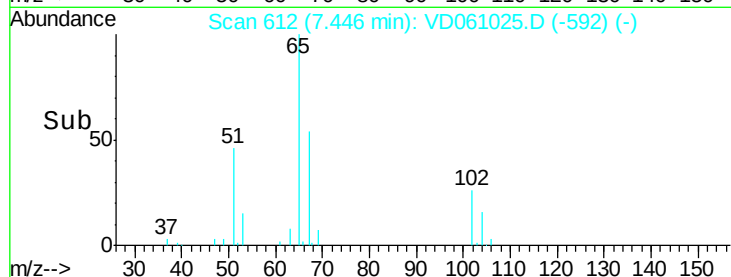
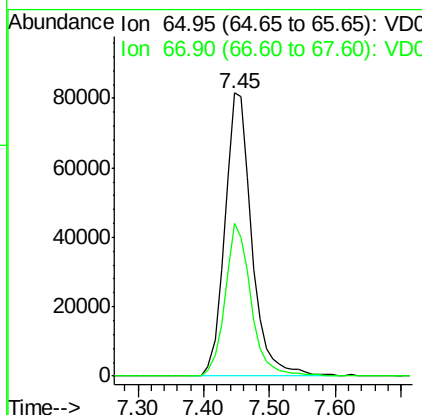
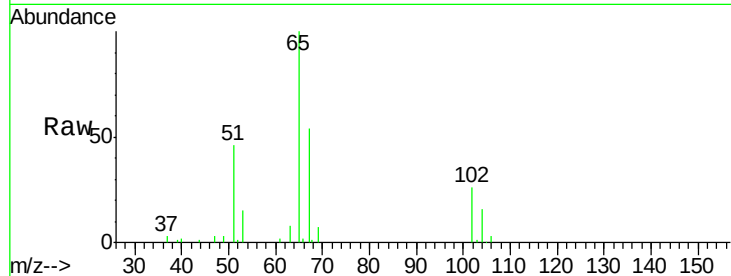




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

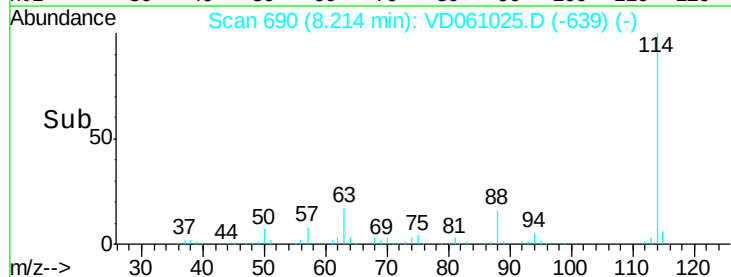
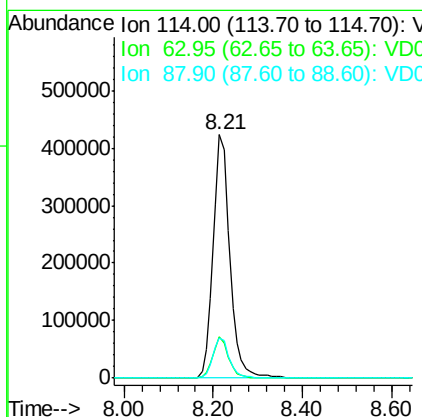
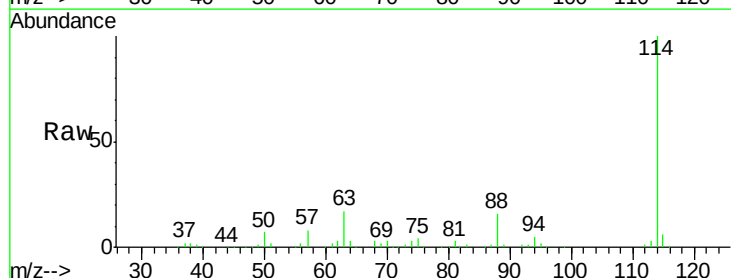
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

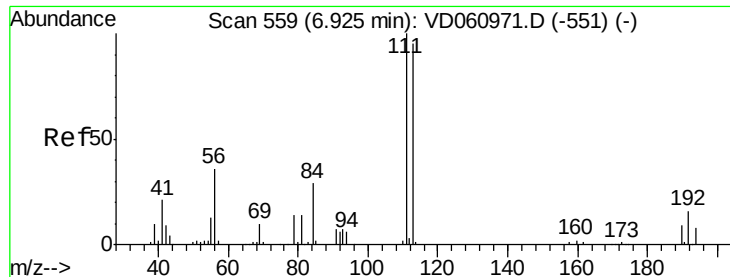
Tot Ion: 65 Resp: 232849
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

Tgt Ion: 114 Resp: 1099133
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 31.4
 88 16.5 0.0 33.0

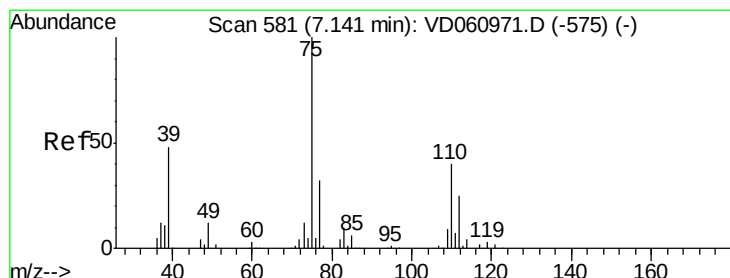
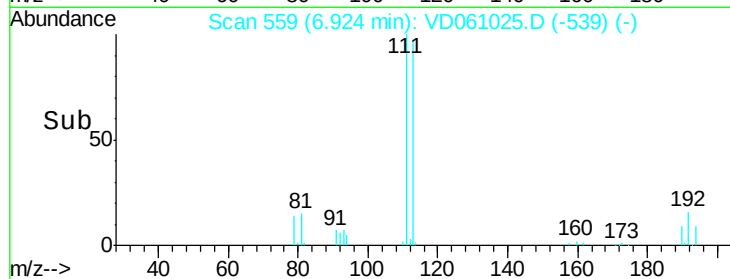
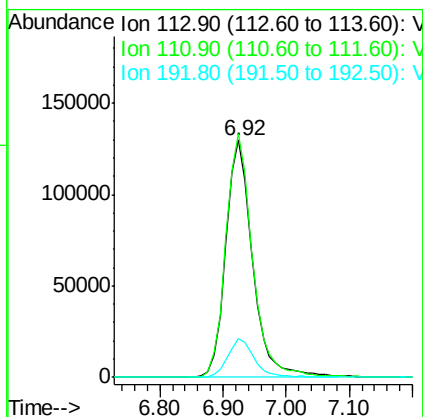
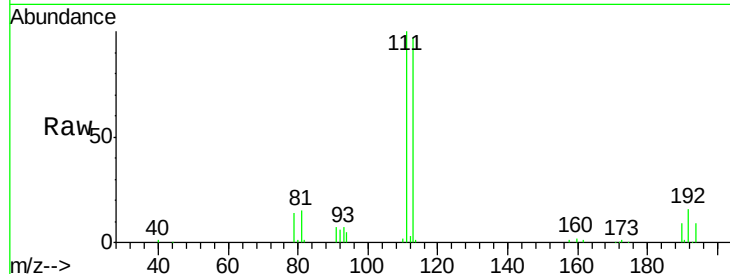




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

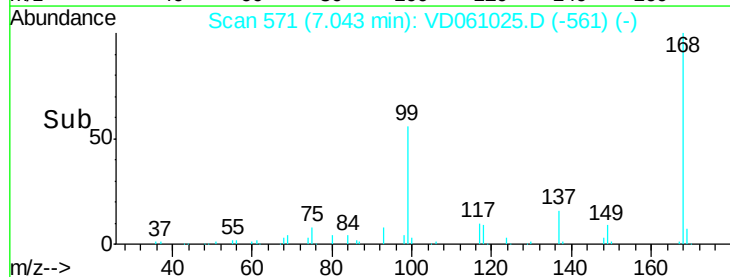
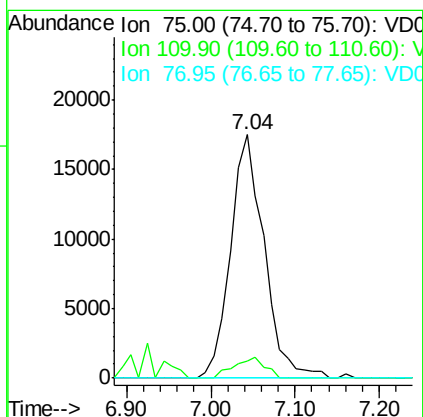
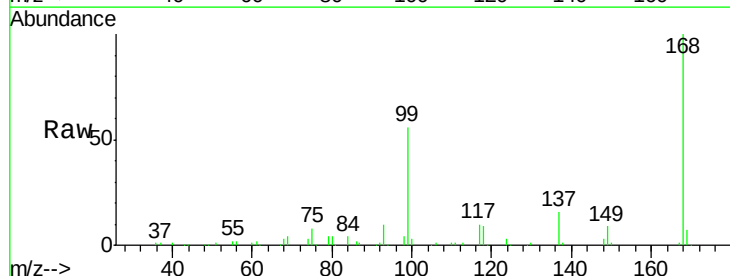
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

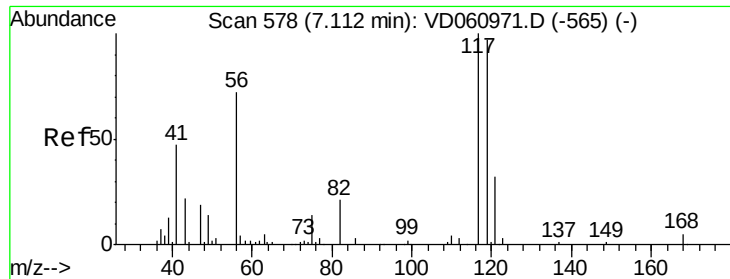
Tot Ion:113 Resp: 381683
 Ion Ratio Lower Upper
 113 100
 111 102.8 84.2 126.4
 192 16.4 13.1 19.7



#36
 1,1-Dichloropropene
 Concen: 5.137 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

Tgt Ion: 75 Resp: 48667
 Ion Ratio Lower Upper
 75 100
 110 6.8 19.7 59.1#
 77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 5.976 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

Instrument :

MSVOA_D

ClientSampled :

TP-24

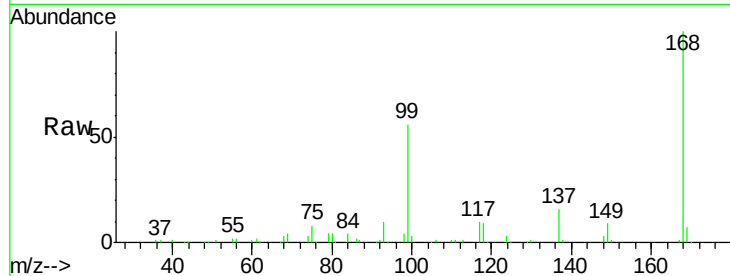
Tot Ion:117 Resp: 62366

Ion Ratio Lower Upper

117 100

119 4.7 77.8 116.8#

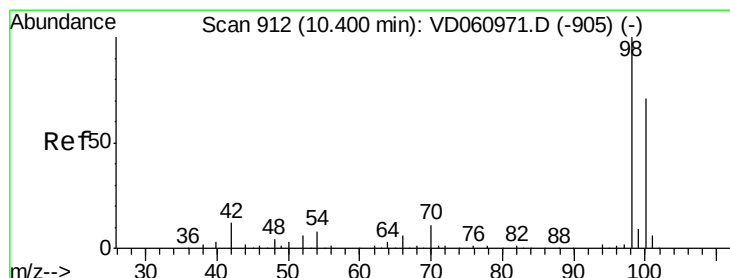
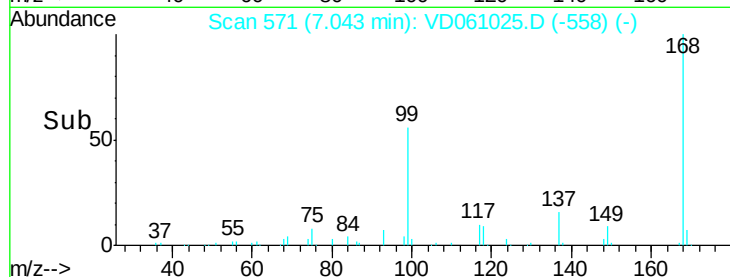
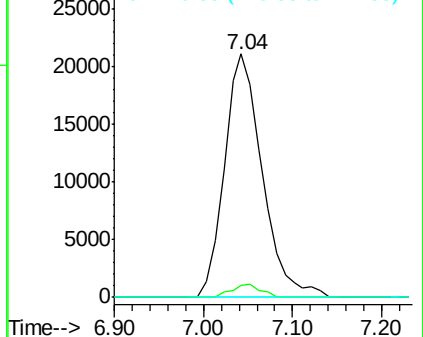
121 0.0 25.3 37.9#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061025.D

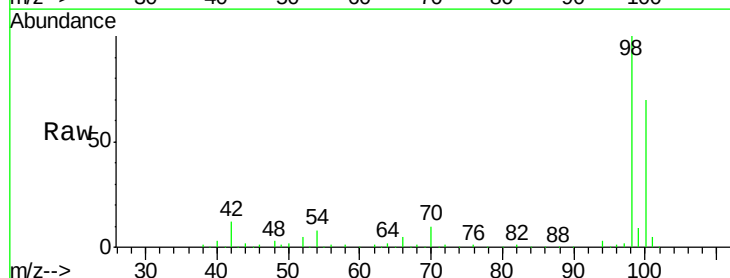
Acq: 12 Mar 2019 15:42

Tgt Ion: 98 Resp: 935251

Ion Ratio Lower Upper

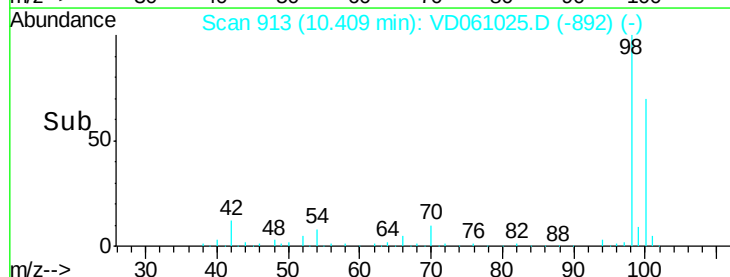
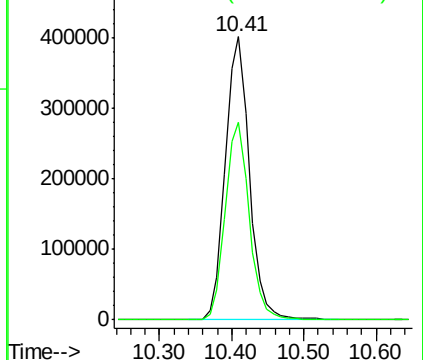
98 100

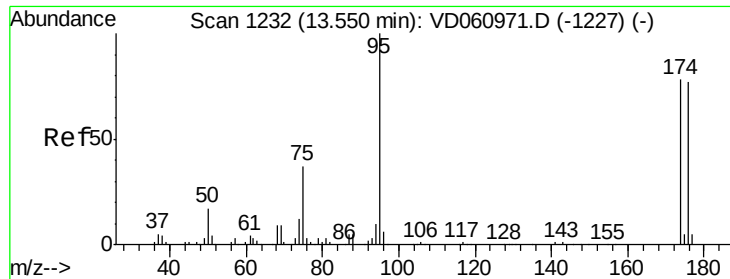
100 69.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

Instrument :

MSVOA_D

ClientSampleId :

TP-24

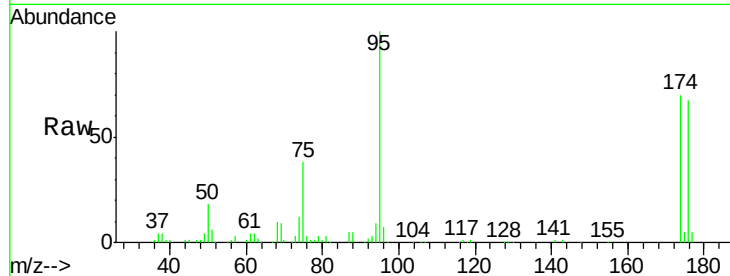
Tot Ion: 95 Resp: 337308

Ion Ratio Lower Upper

95 100

174 69.7 0.0 155.6

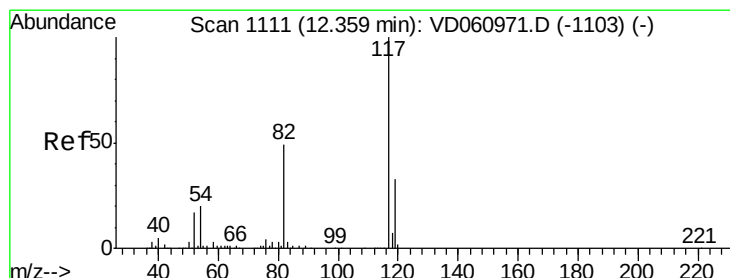
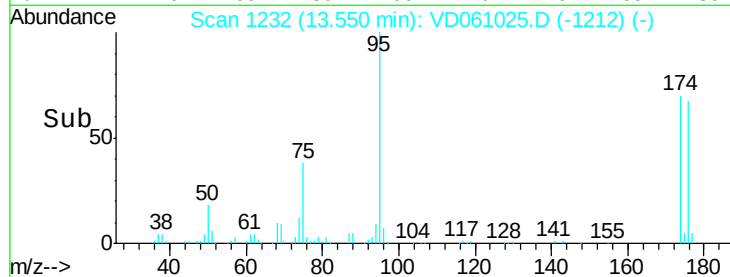
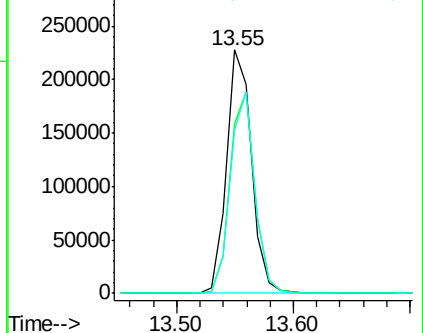
176 67.0 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061025.D

Acq: 12 Mar 2019 15:42

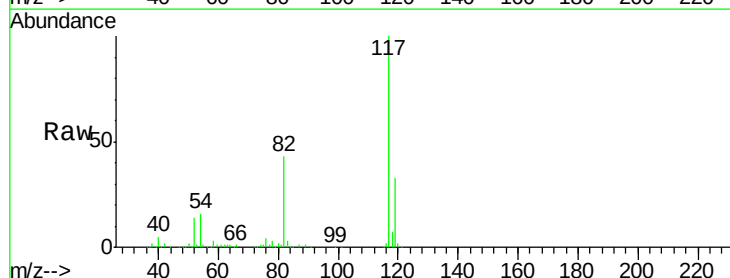
Tgt Ion: 117 Resp: 971421

Ion Ratio Lower Upper

117 100

82 43.2 38.9 58.3

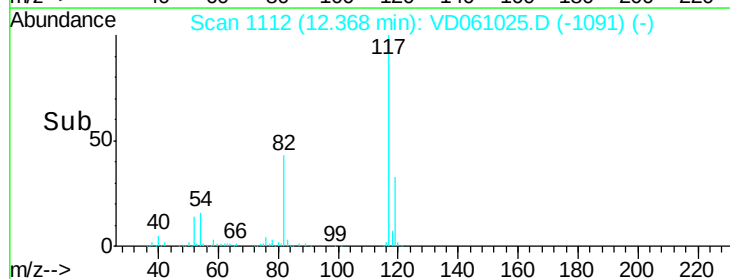
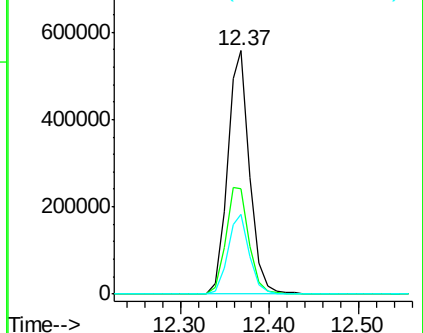
119 32.5 26.6 39.8

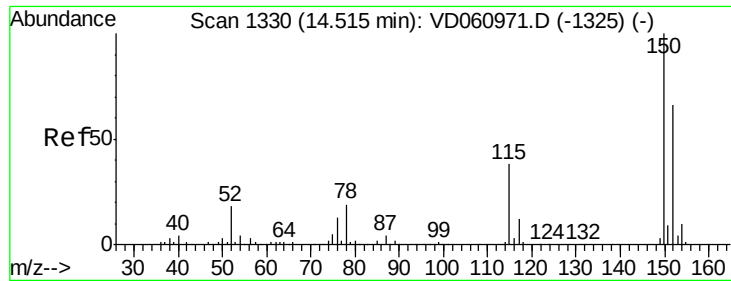


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

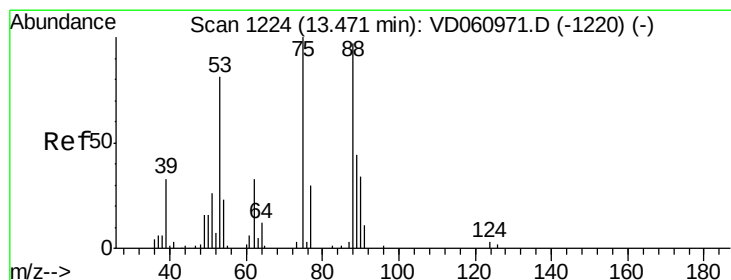
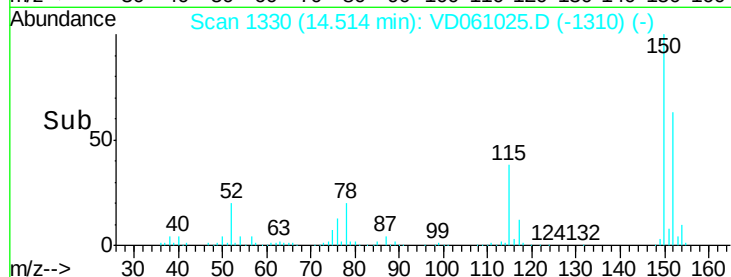
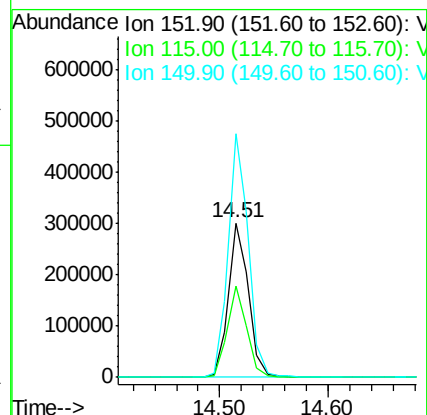
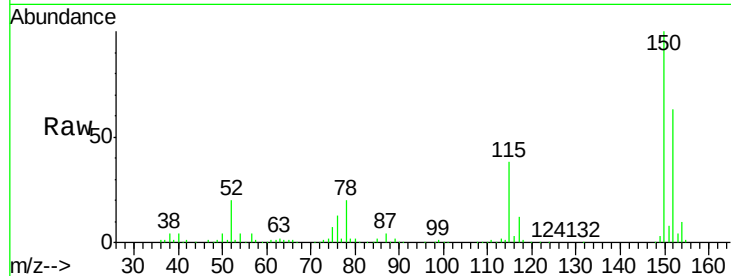




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

Instrument :
 MSVOA_D
 ClientSampled :
 TP-24

Tot Ion:152 Resp: 386931
 Ion Ratio Lower Upper
 152 100
 115 59.5 28.6 85.9
 150 157.7 0.0 310.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.815 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.08 min
 Lab File: VD061025.D
 Acq: 12 Mar 2019 15:42

Tgt Ion: 75 Resp: 122785
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

