

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032019\
 Data File : VD061235.D
 Acq On : 21 Mar 2019 5:34
 Operator : VA/AP
 Sample : K1688-37
 Misc : 5.62g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

Quant Time: Mar 22 02:08:14 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

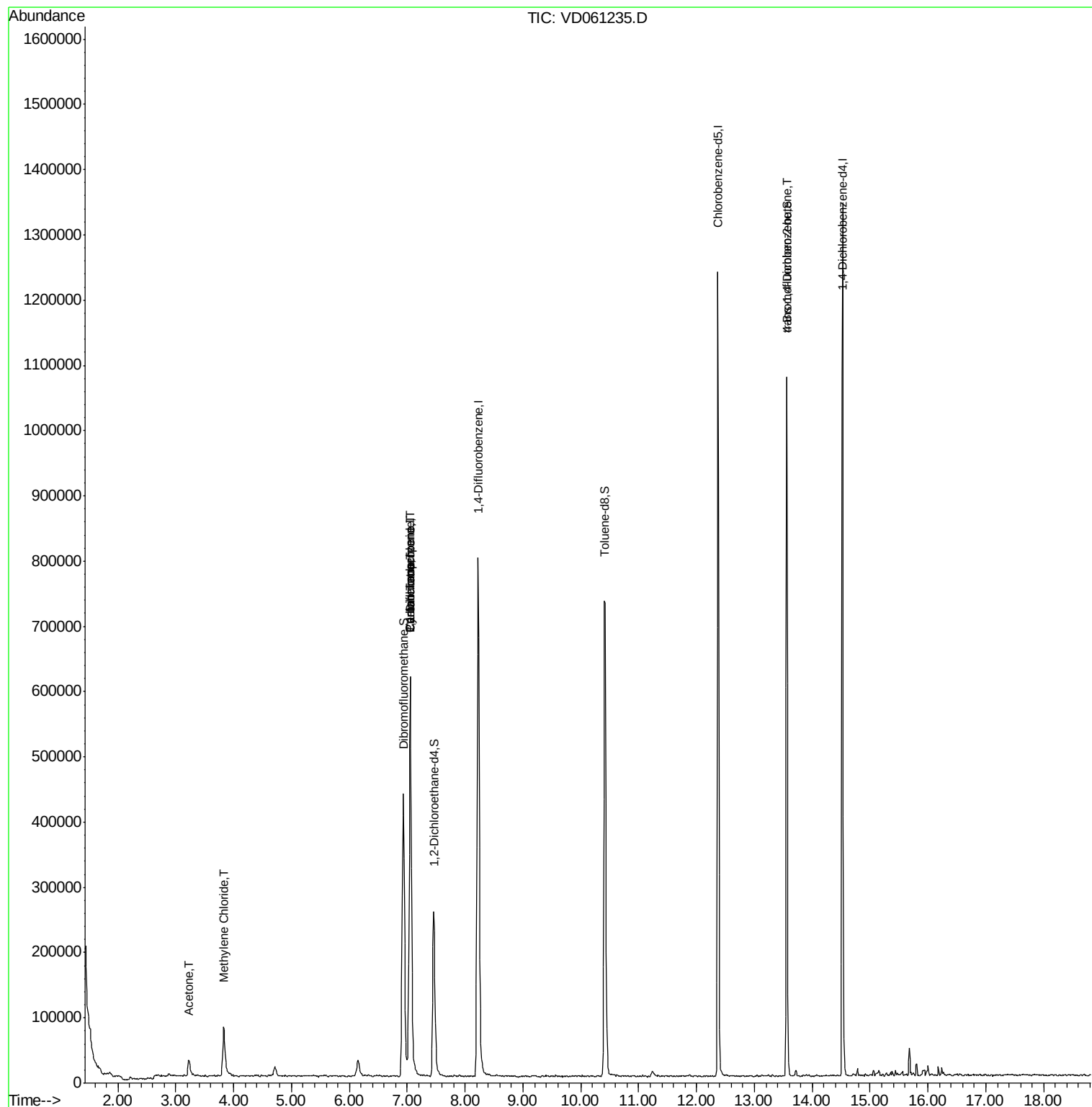
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	618737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	986474	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	766958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	321812	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	252336	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
35) Dibromofluoromethane	6.93	113	409326	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.42	98	649833	35.35	ug/l	0.02
Spiked Amount 50.000			Recovery	=	70.70%	
62) 4-Bromofluorobenzene	13.56	95	330485	46.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.66%	
Target Compounds						
16) Acetone	3.22	43	54496	37.002	ug/l	99
20) Methylene Chloride	3.82	84	63587	5.300	ug/l	92
31) Cyclohexane	7.05	56	9232	1.013	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	44180	5.196	ug/l #	46
38) Carbon Tetrachloride	7.05	117	59763	6.380	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.56	75	120915	88.584	ug/l #	17

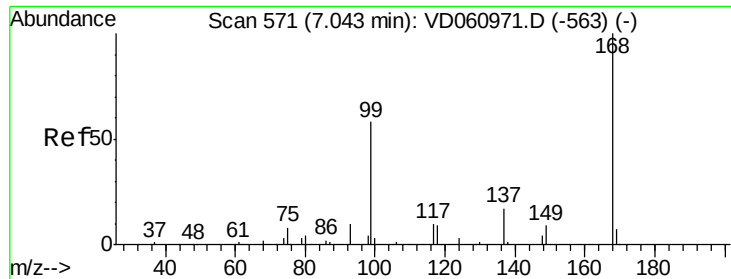
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Instrument :

MSVOA_D

ClientSampleId :

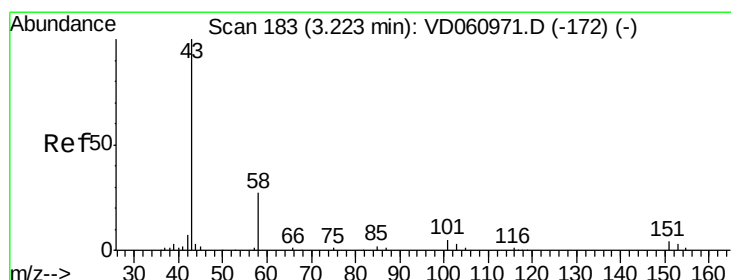
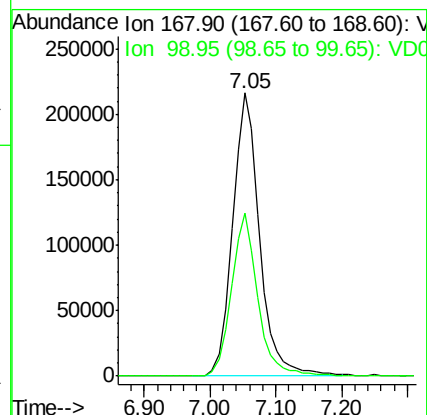
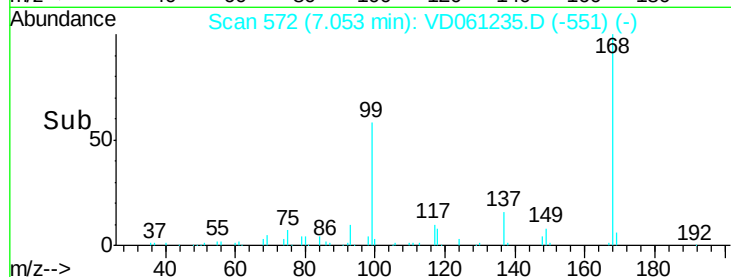
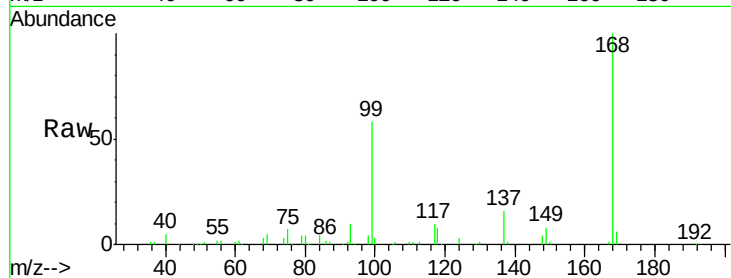
JC-02-031919-I

Tot Ion:168 Resp: 618737

Ion Ratio Lower Upper

168 100

99 57.7 47.3 70.9



#16

Acetone

Concen: 37.002 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061235.D

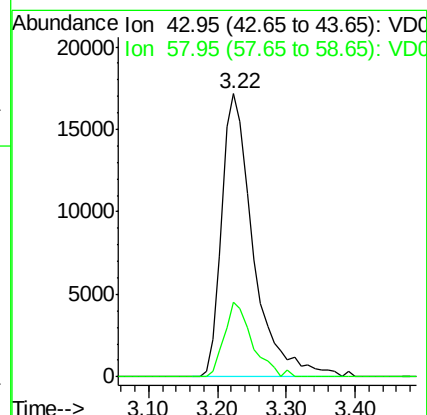
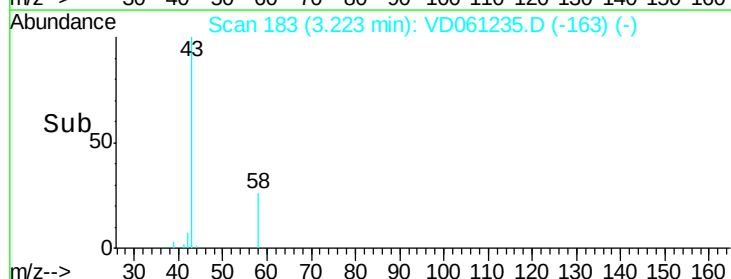
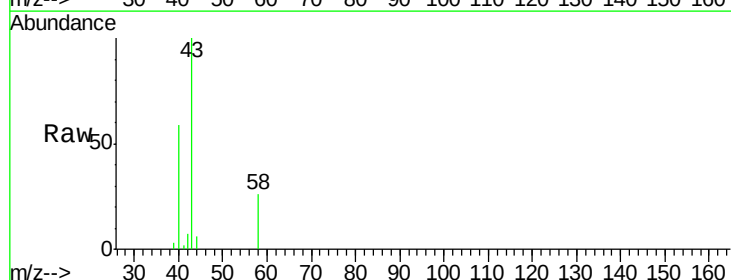
Acq: 21 Mar 2019 5:34

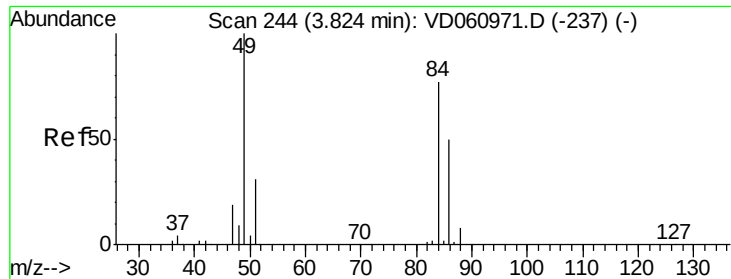
Tgt Ion: 43 Resp: 54496

Ion Ratio Lower Upper

43 100

58 26.4 21.6 32.4

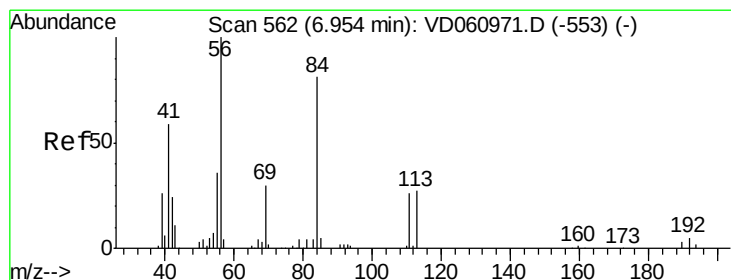
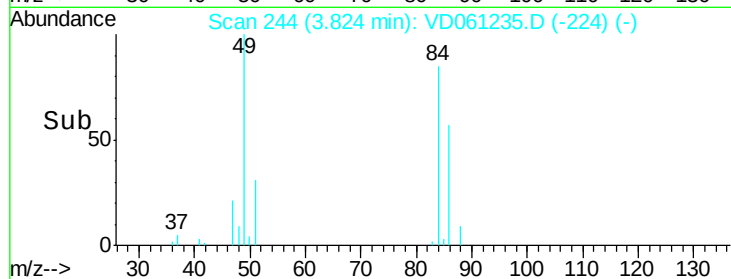
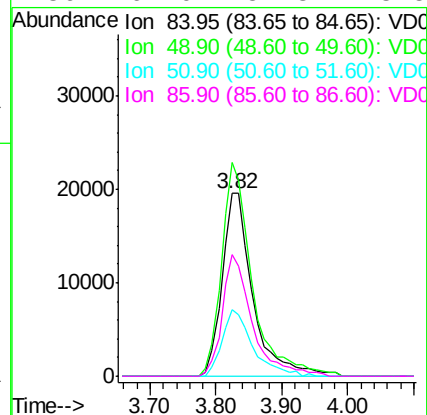
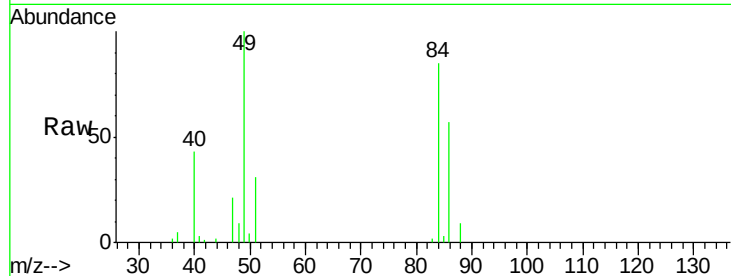




#20
Methylene Chloride
Concen: 5.300 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

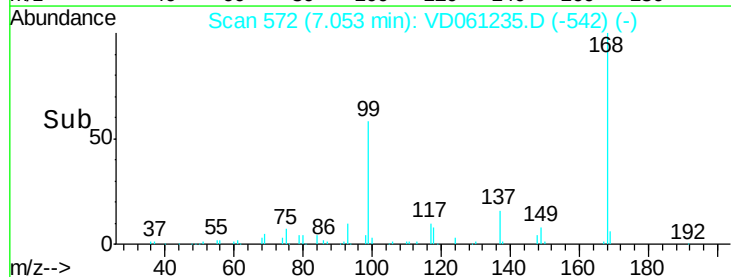
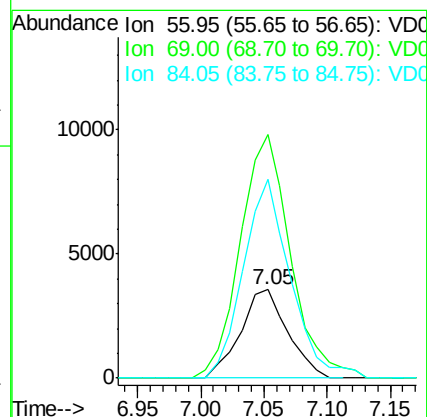
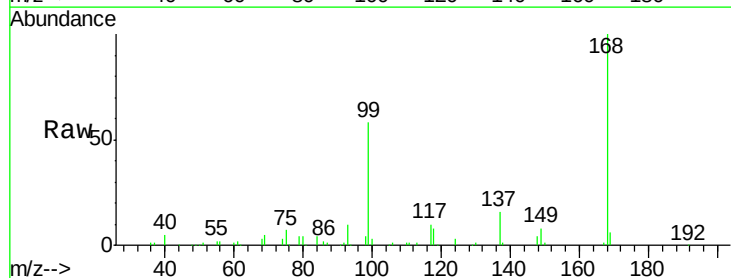
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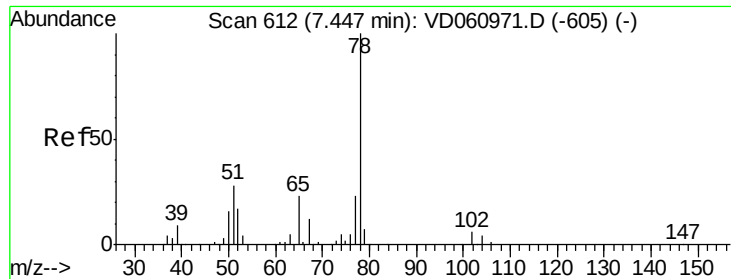
Tot Ion: 84 Resp: 63587
Ion Ratio Lower Upper
84 100
49 117.0 104.2 156.2
51 36.7 32.3 48.5
86 67.0 52.3 78.5



#31
Cyclohexane
Concen: 1.013 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.10 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

Tgt Ion: 56 Resp: 9232
Ion Ratio Lower Upper
56 100
69 275.1 24.0 36.0#
84 224.1 65.8 98.6#

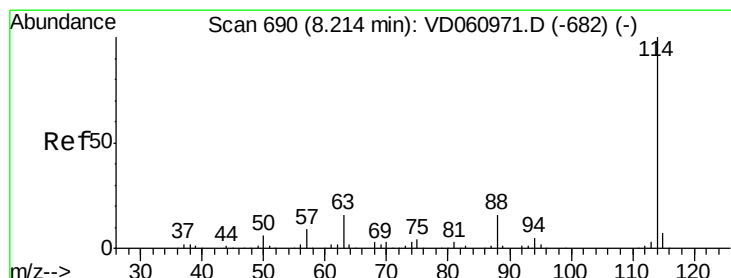
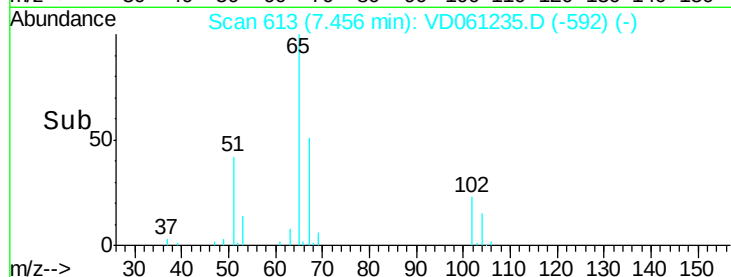
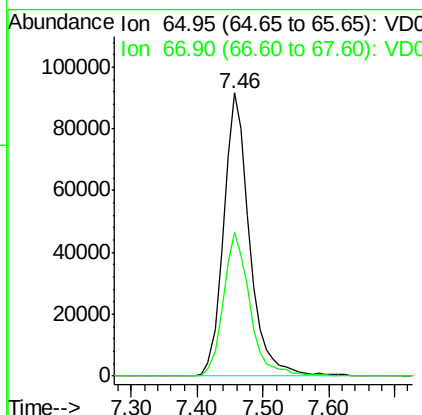
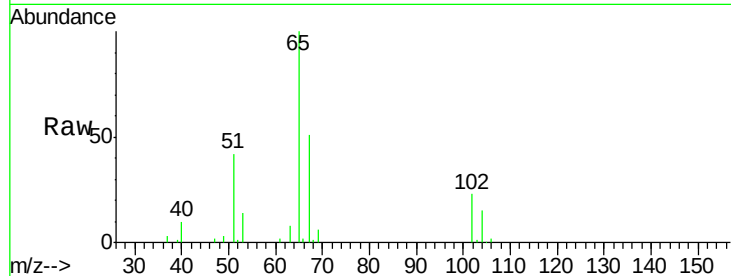




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

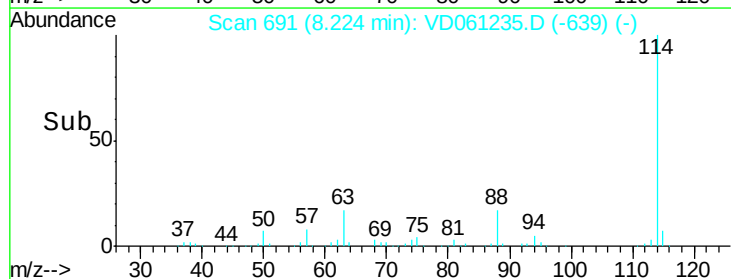
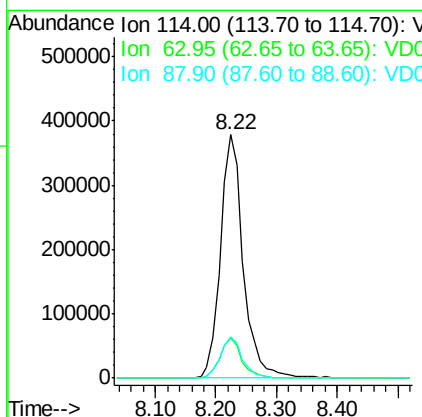
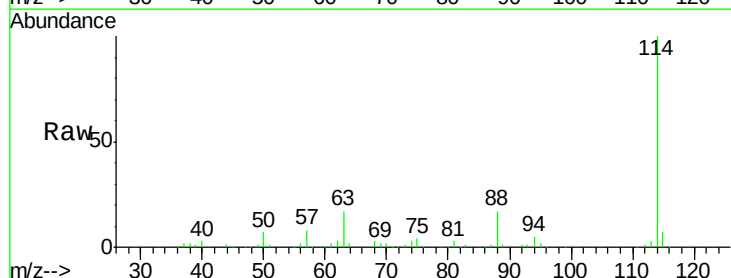
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

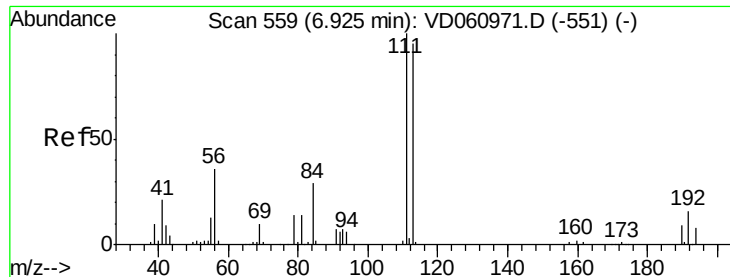
Tot Ion: 65 Resp: 252336
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Tgt Ion: 114 Resp: 986474
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.4
 88 16.9 0.0 33.0

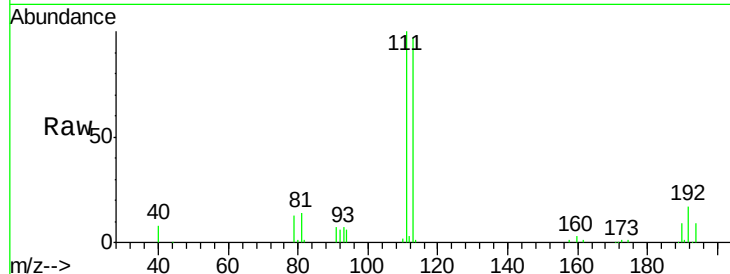




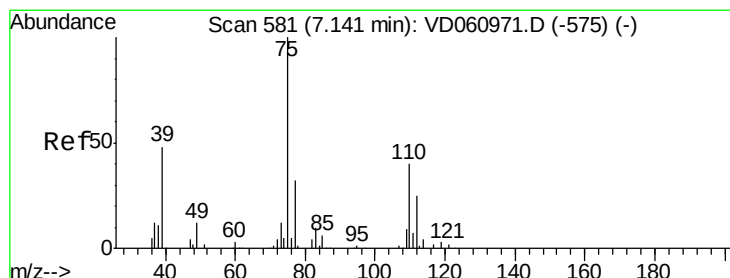
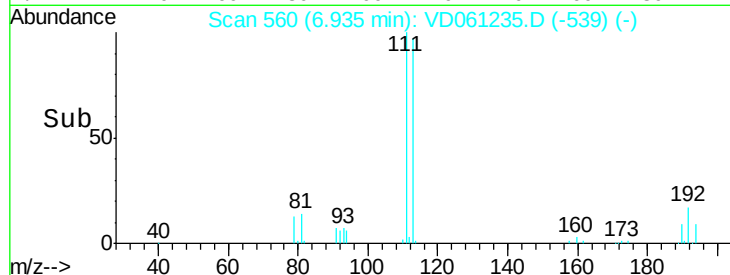
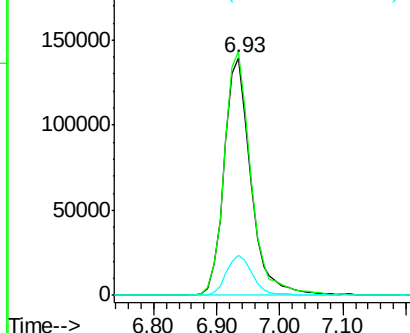
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.2	126.4
192	17.2	13.1	19.7

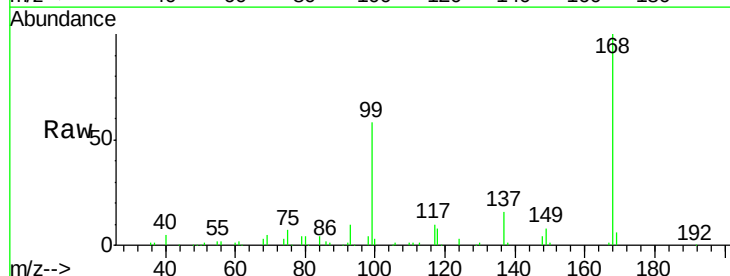


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

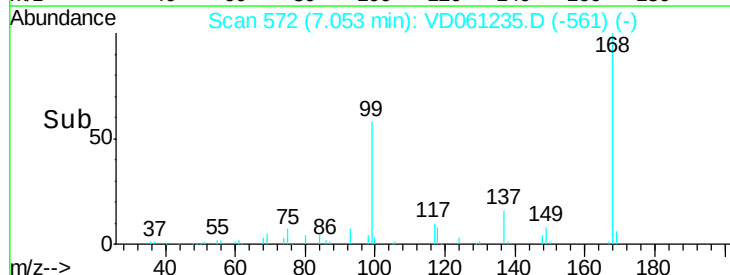
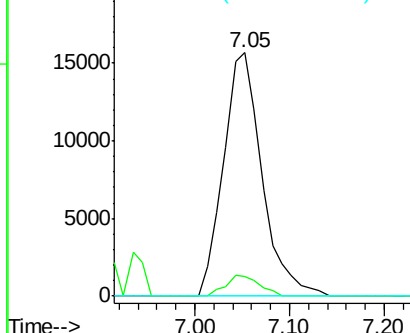


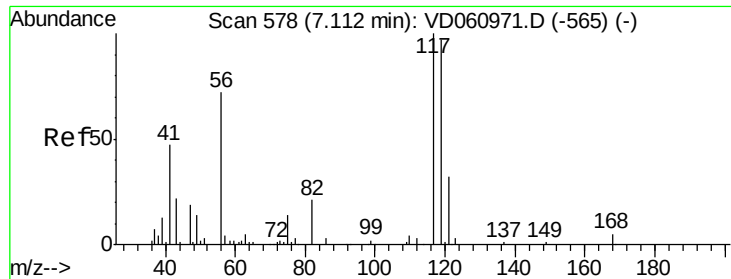
#36
 1,1-Dichloropropene
 Concen: 5.196 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.09 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.7	59.1#
77	0.0	24.7	37.1#



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC

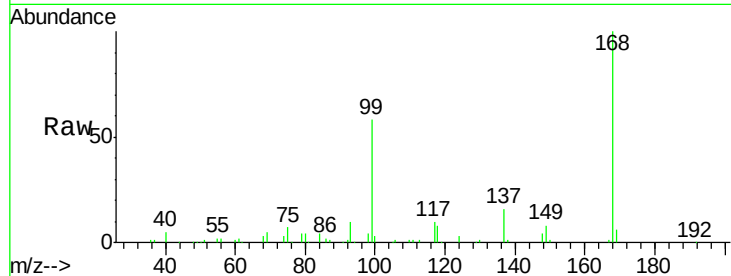




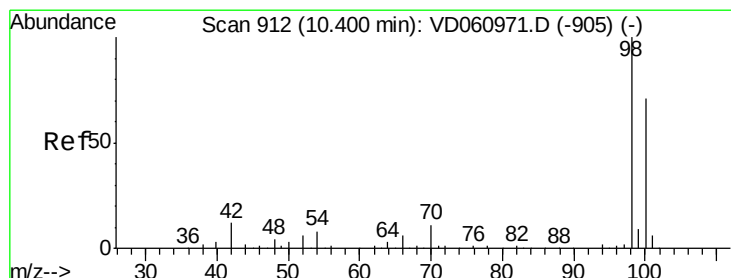
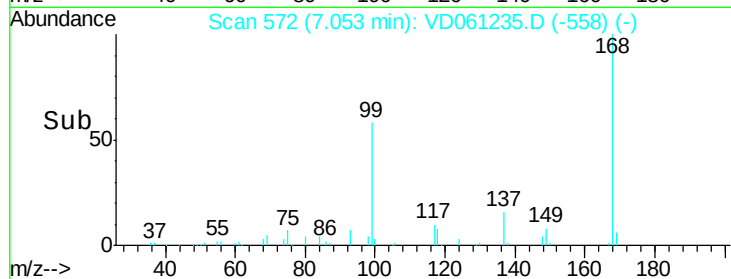
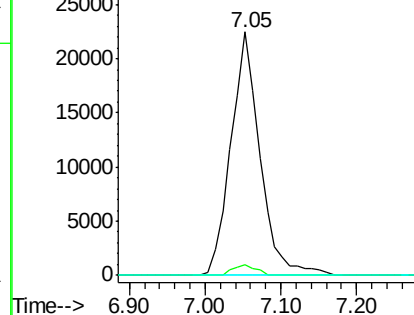
#38
Carbon Tetrachloride
Concen: 6.380 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.06 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

Instrument :
MSVOA_D
ClientSampleId :
JC-02-031919-I

Tot Ion:117 Resp: 59763
Ion Ratio Lower Upper
117 100
119 4.5 77.8 116.8#
121 0.0 25.3 37.9#

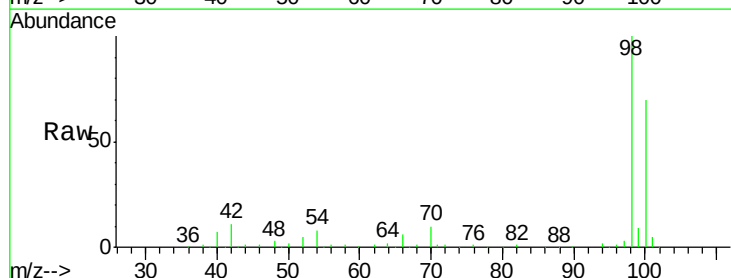


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

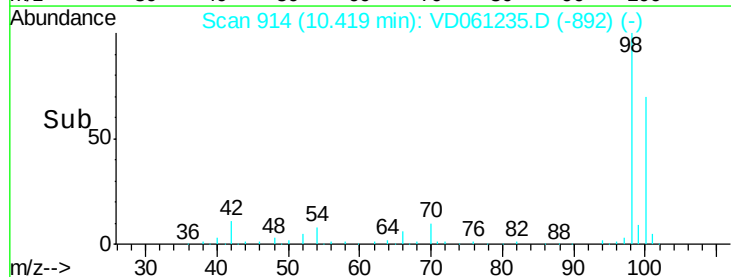
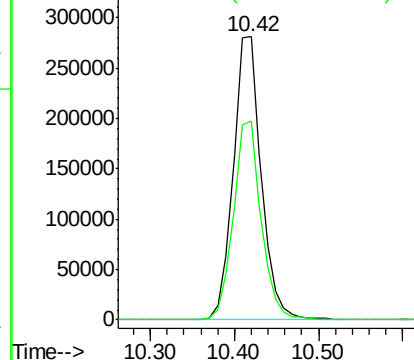


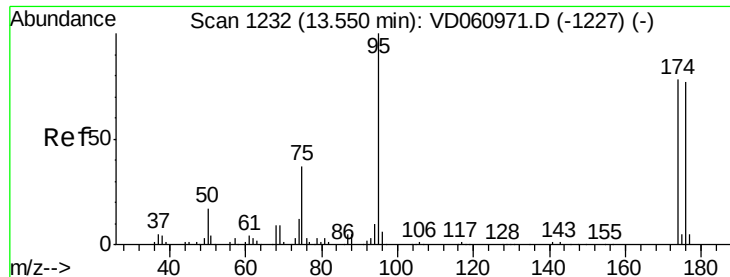
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061235.D
Acq: 21 Mar 2019 5:34

Tgt Ion: 98 Resp: 649833
Ion Ratio Lower Upper
98 100
100 70.5 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: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061235.D

Acq: 21 Mar 2019 5:34

Instrument :

MSVOA_D

ClientSampleId :

JC-02-031919-I

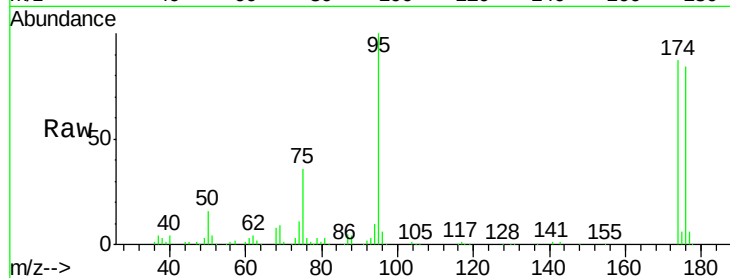
Tot Ion: 95 Resp: 330485

Ion Ratio Lower Upper

95 100

174 87.3 0.0 155.6

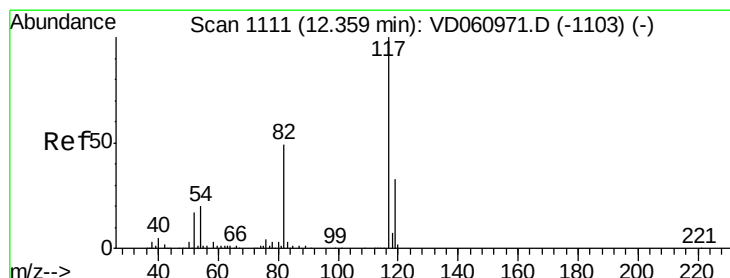
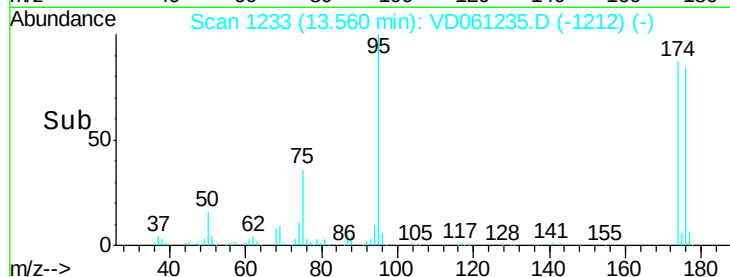
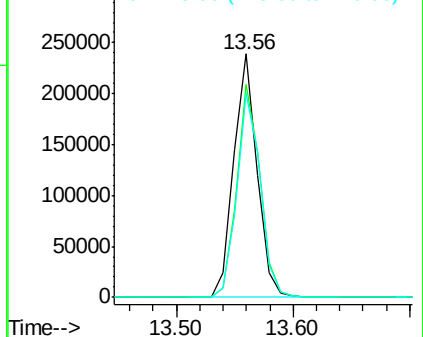
176 84.0 0.0 153.8



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: VD061235.D

Acq: 21 Mar 2019 5:34

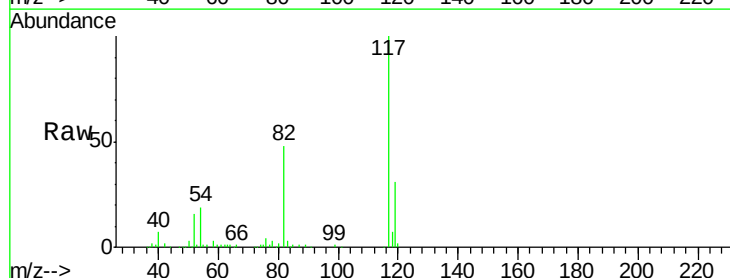
Tgt Ion: 117 Resp: 766958

Ion Ratio Lower Upper

117 100

82 48.0 38.9 58.3

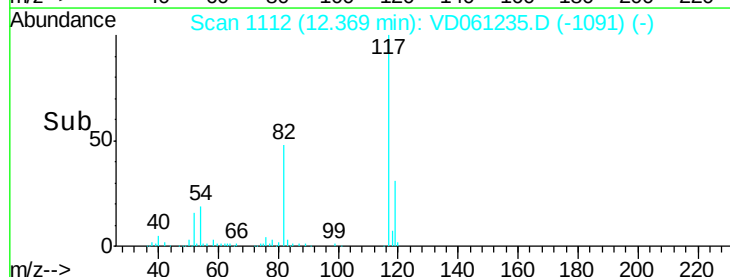
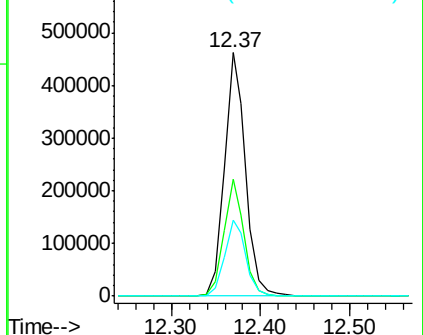
119 31.2 26.6 39.8

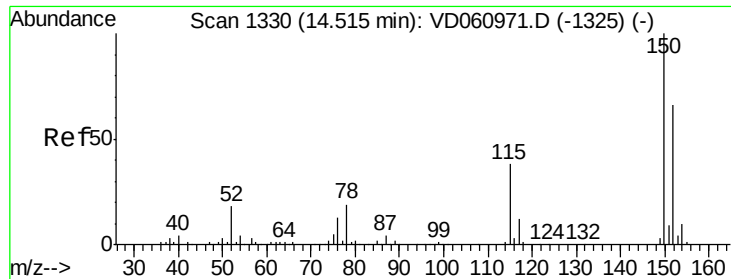


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

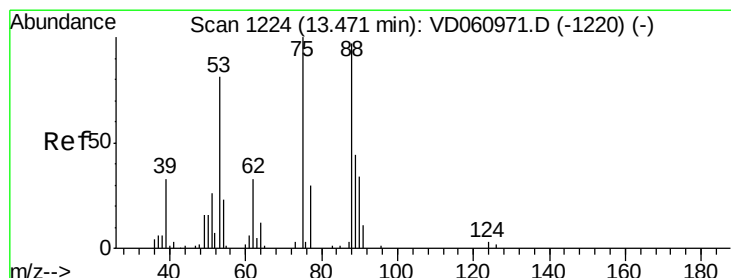
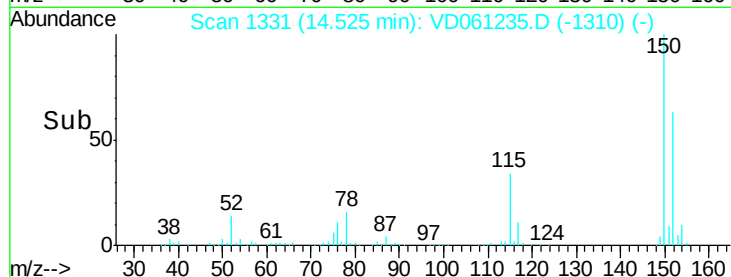
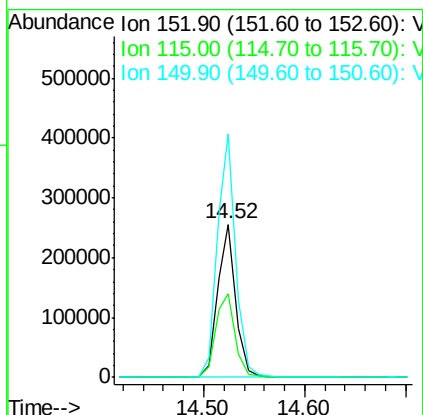
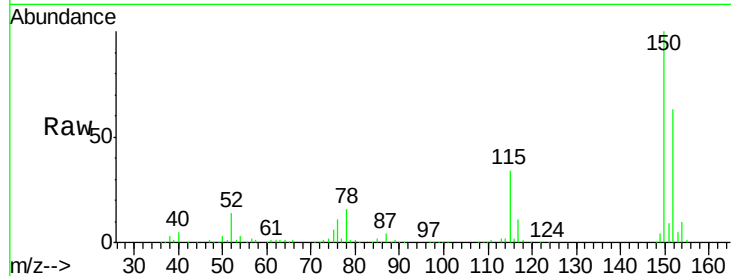




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-02-031919-I

Tot Ion:152 Resp: 321812
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.6 85.9
 150 159.1 0.0 310.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.584 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.09 min
 Lab File: VD061235.D
 Acq: 21 Mar 2019 5:34

Tgt Ion: 75 Resp: 120915
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 34.8 52.2#

