

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061418.D
 Acq On : 29 Mar 2019 6:11
 Operator : VA/AP
 Sample : K2107-01RE
 Misc : 8.01g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Mar 29 06:44:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

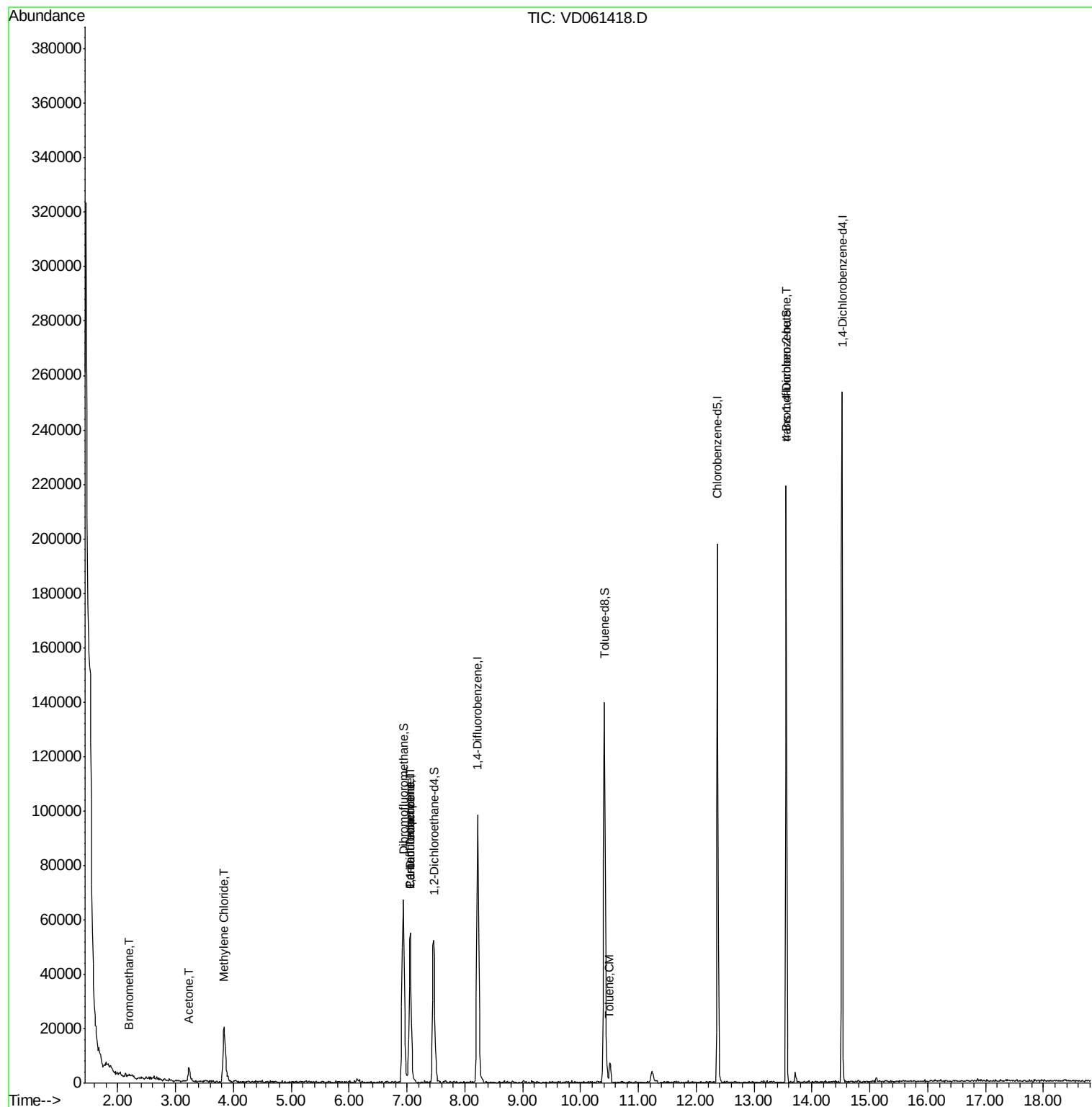
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	57764	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	124386	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	118423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	60419	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	54433	110.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	220.62%	
35) Dibromofluoromethane	6.94	113	65344	68.74	ug/l	0.04
Spiked Amount 50.000			Recovery	=	137.48%	
50) Toluene-d8	10.41	98	133132	58.40	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.80%	
62) 4-Bromofluorobenzene	13.55	95	66432	75.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	151.98%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	622	6.790	ug/l #	10
16) Acetone	3.23	43	9772	77.037	ug/l	90
20) Methylene Chloride	3.84	84	19034	25.859	ug/l	94
36) 1,1-Dichloropropene	7.05	75	3821	3.520	ug/l #	38
38) Carbon Tetrachloride	7.06	117	5156	4.133	ug/l #	10
52) Toluene	10.51	92	4217	2.537	ug/l	95
81) trans-1,4-Dichloro-2-buten	13.55	75	24429	91.801	ug/l #	18

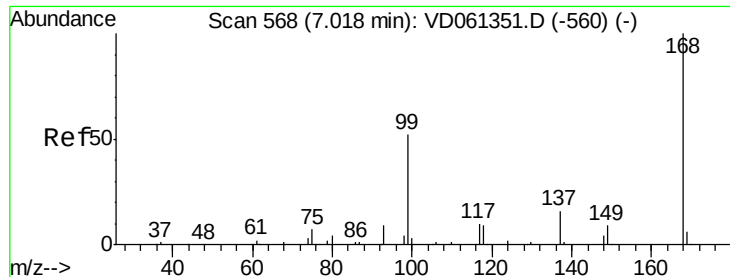
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032819\
Data File : VD061418.D
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Quant Time: Mar 29 06:44:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

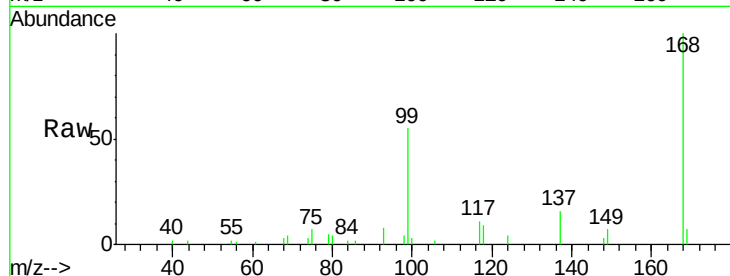
TP-1RE

Tot Ion:168 Resp: 57764

Ion Ratio Lower Upper

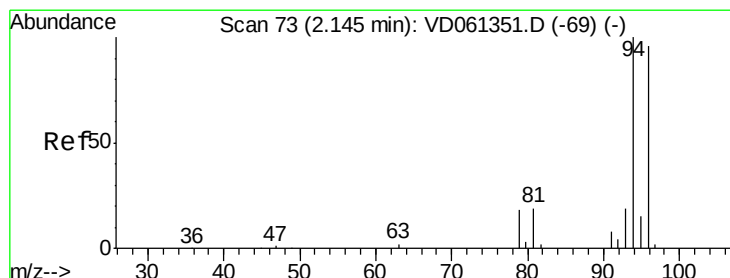
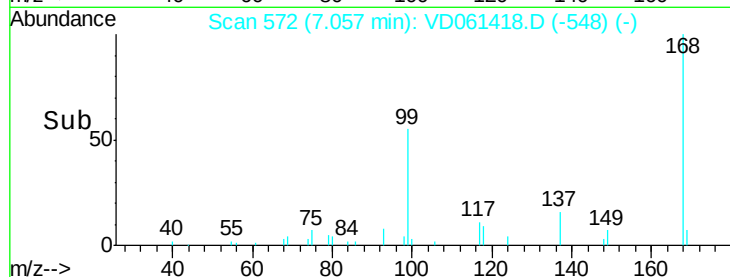
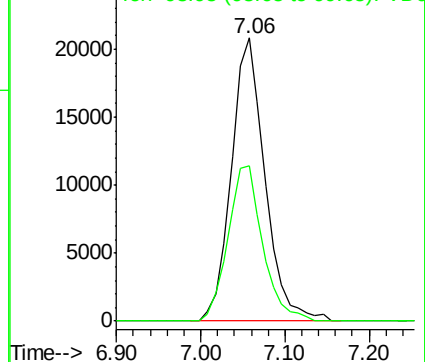
168 100

99 54.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 6.790 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

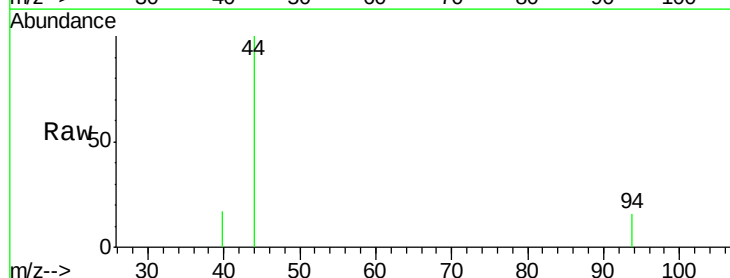
Tgt Ion: 94 Resp: 622

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

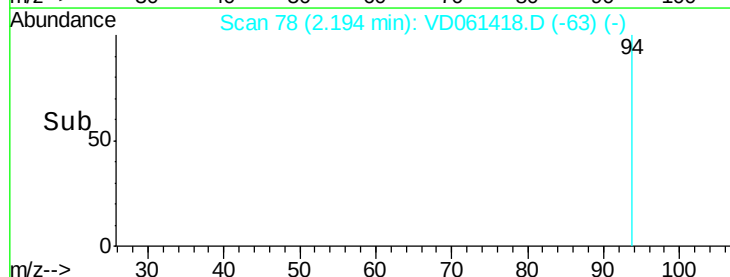
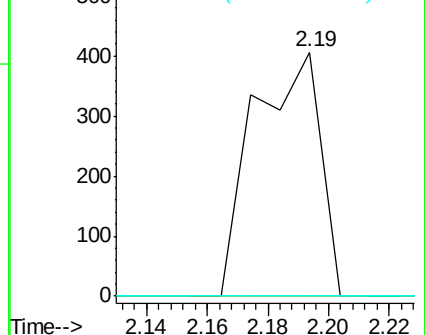
93 0.0 15.6 23.4#

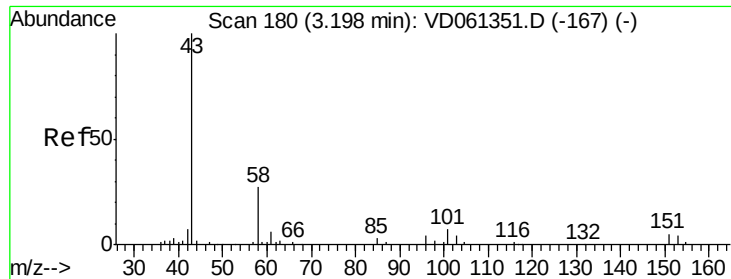


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 77.037 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

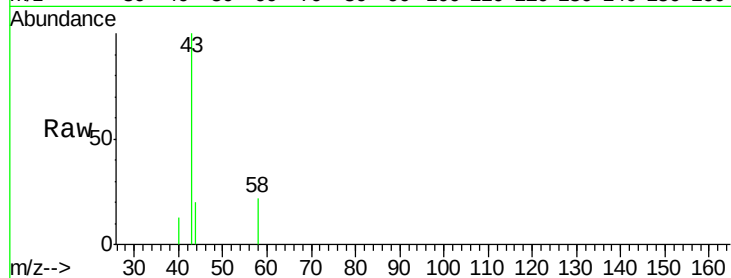
TP-1RE

Tot Ion: 43 Resp: 9772

Ion Ratio Lower Upper

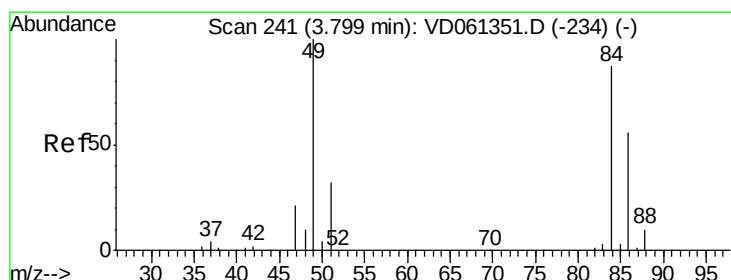
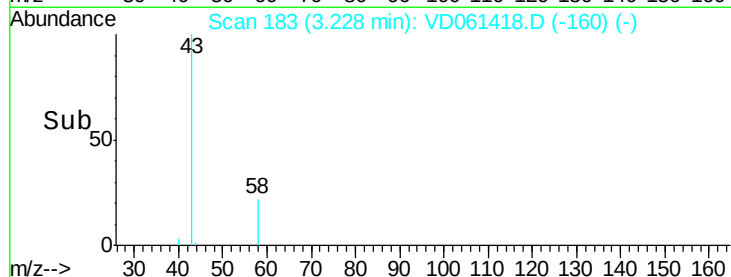
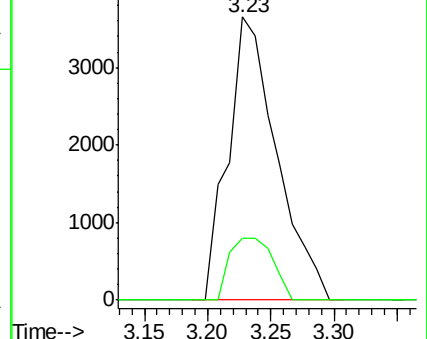
43 100

58 21.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 25.859 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Tgt Ion: 84 Resp: 19034

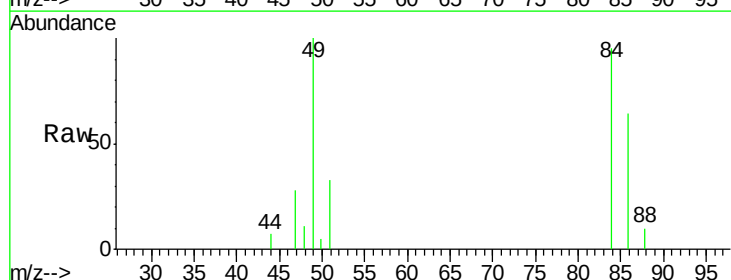
Ion Ratio Lower Upper

84 100

49 105.3 91.8 137.8

51 34.5 29.8 44.8

86 67.2 51.8 77.6

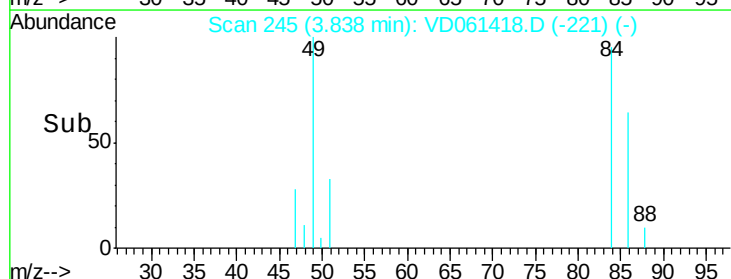
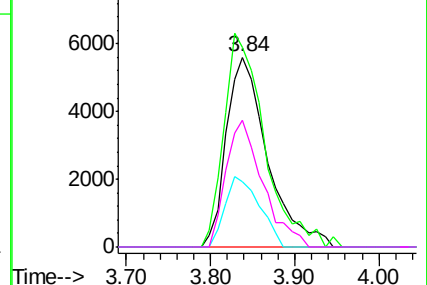


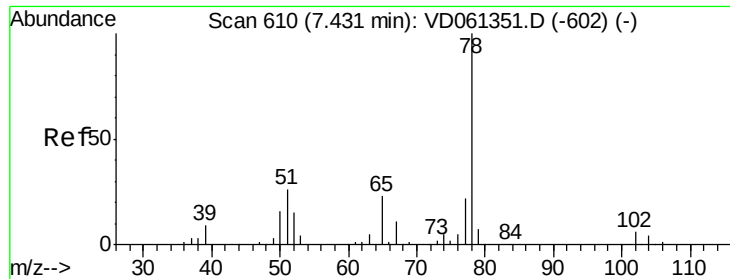
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

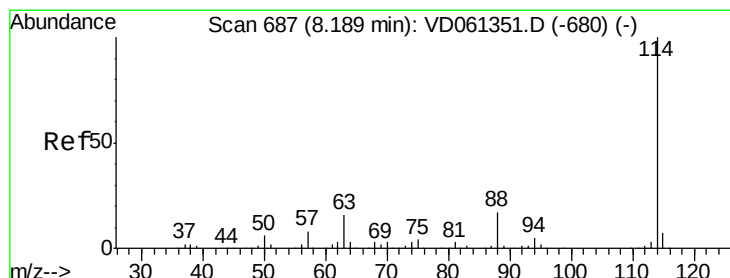
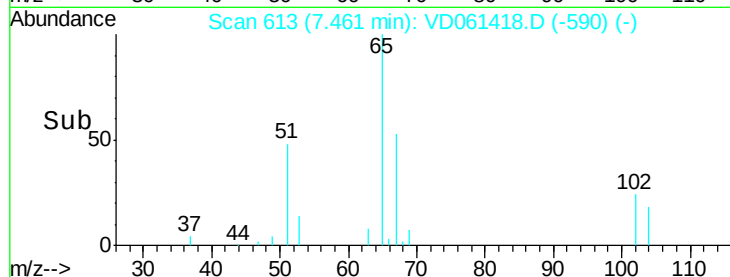
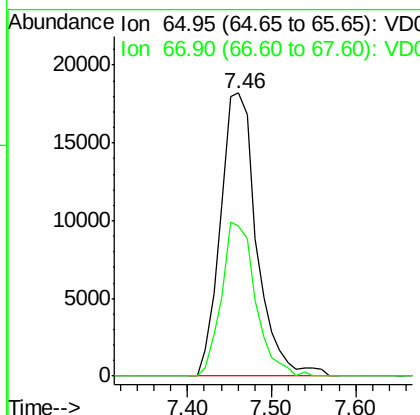
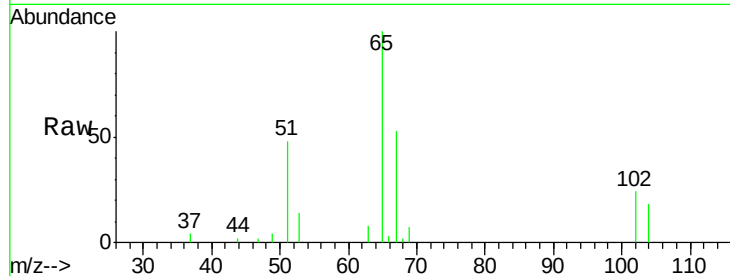




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.03 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

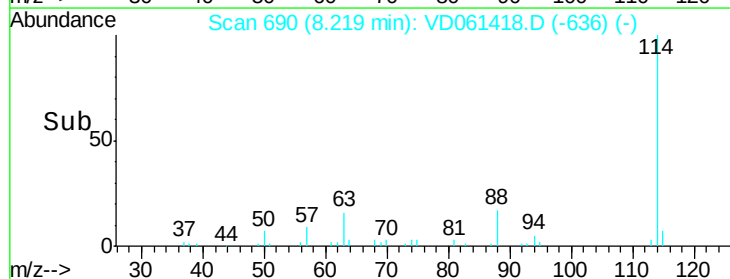
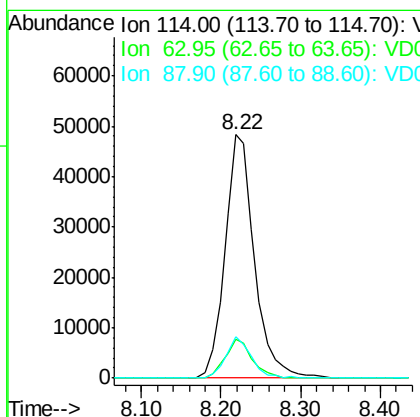
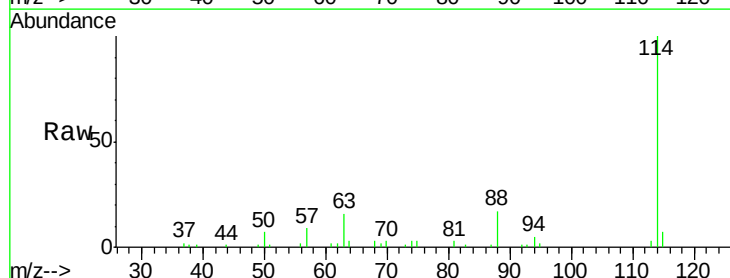
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

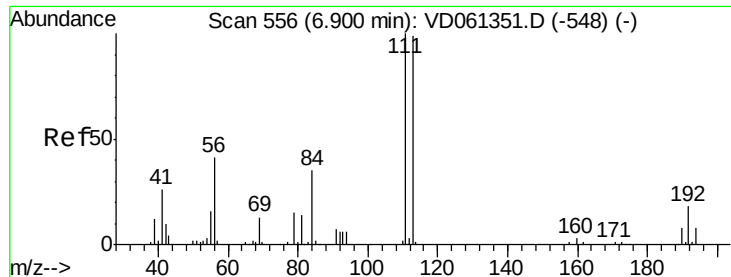
Tot Ion: 65 Resp: 54433
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Tgt Ion: 114 Resp: 124386
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.6
 88 17.2 0.0 33.4

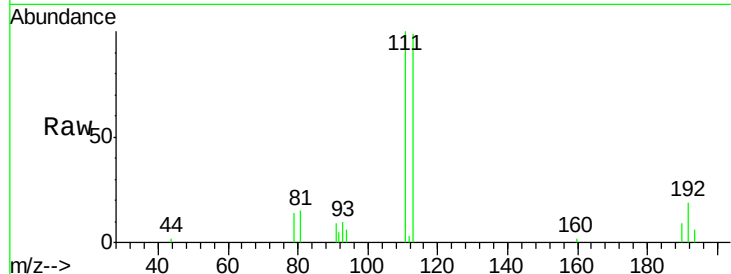




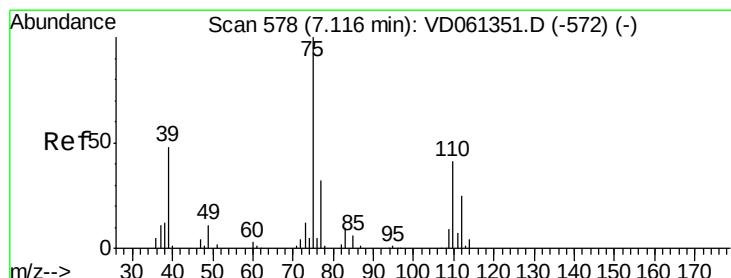
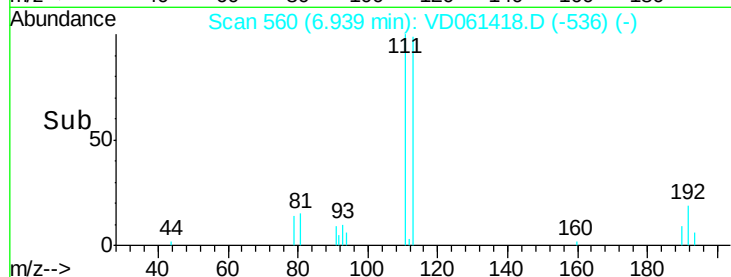
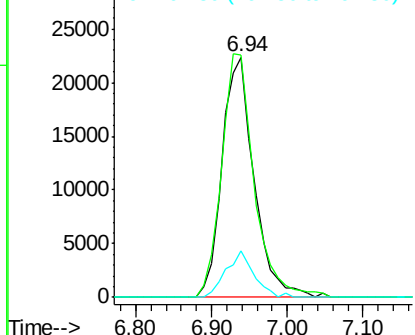
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion:113 Resp: 65344
 Ion Ratio Lower Upper
 113 100
 111 101.0 81.0 121.6
 192 19.4 14.4 21.6

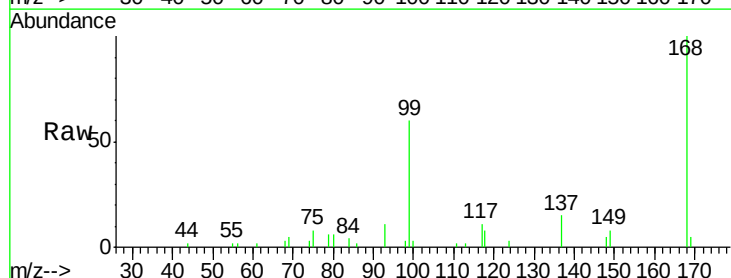


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

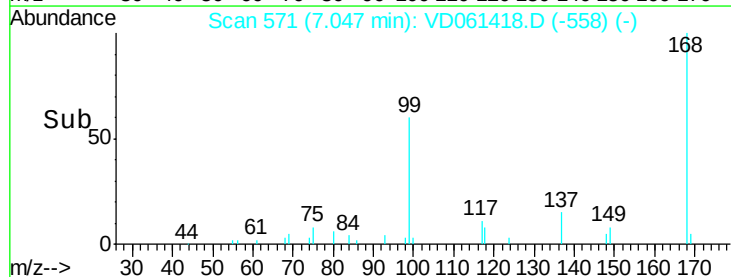
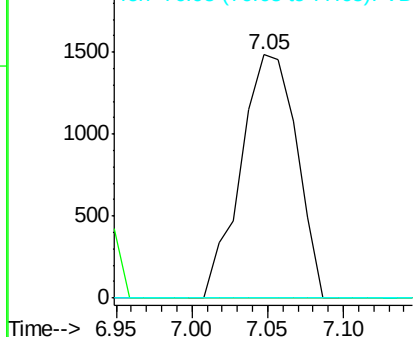


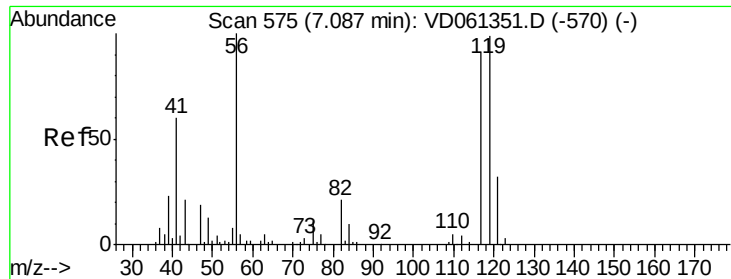
#36
 1,1-Dichloropropene
 Concen: 3.520 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061418.D
 Acq: 29 Mar 2019 6:11

Tgt Ion: 75 Resp: 3821
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.4 61.3#
 77 0.0 24.9 37.3#



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

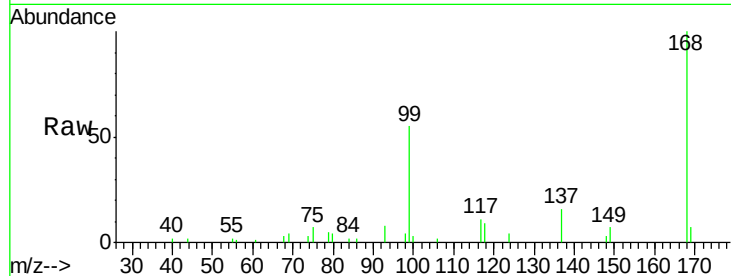




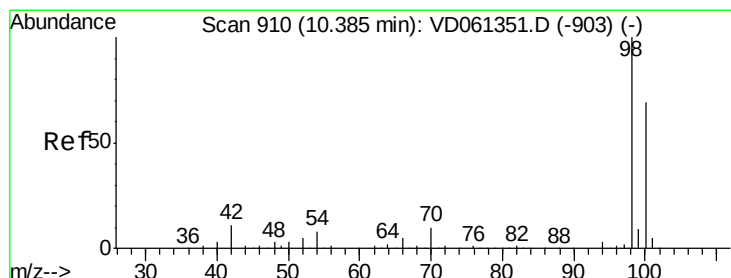
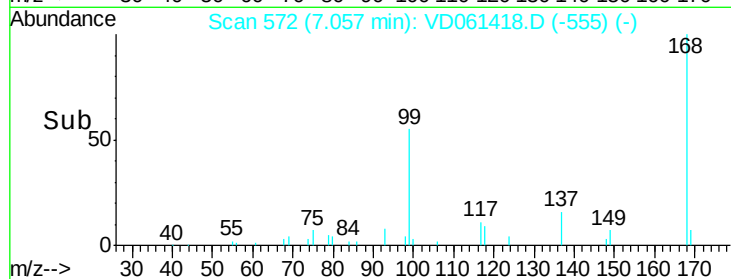
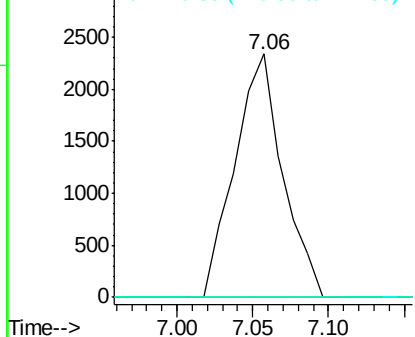
#38
Carbon Tetrachloride
Concen: 4.133 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.03 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tot Ion:117 Resp: 5156
Ion Ratio Lower Upper
117 100
119 0.0 80.1 120.1#
121 0.0 25.6 38.4#

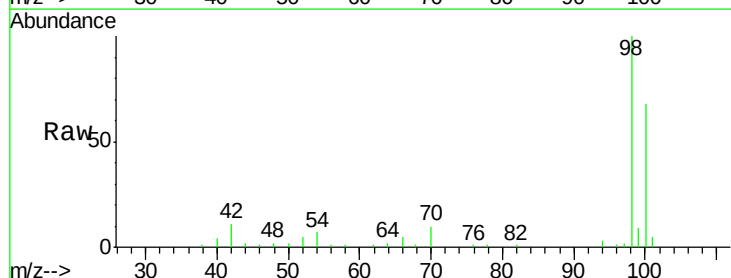


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

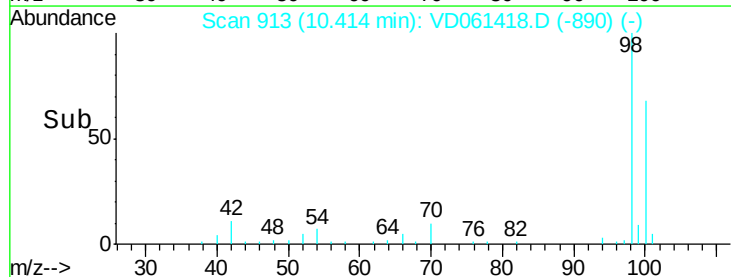
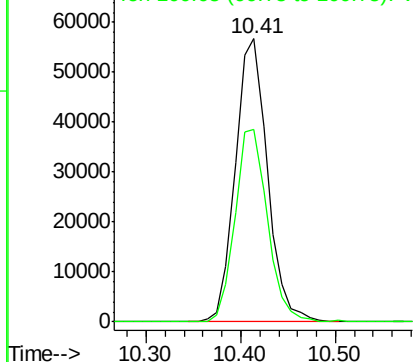


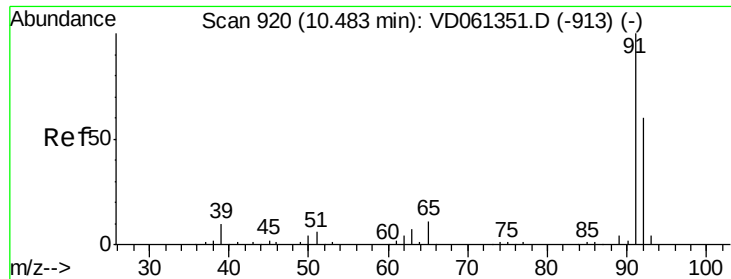
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

Tgt Ion: 98 Resp: 133132
Ion Ratio Lower Upper
98 100
100 67.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

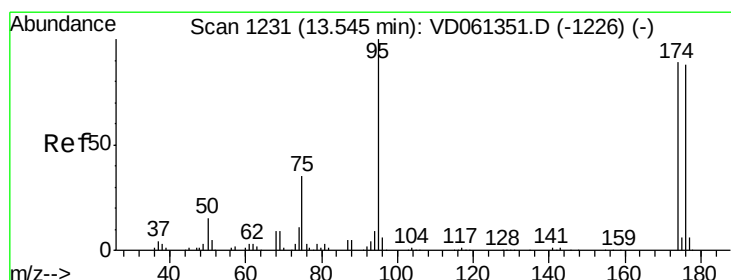
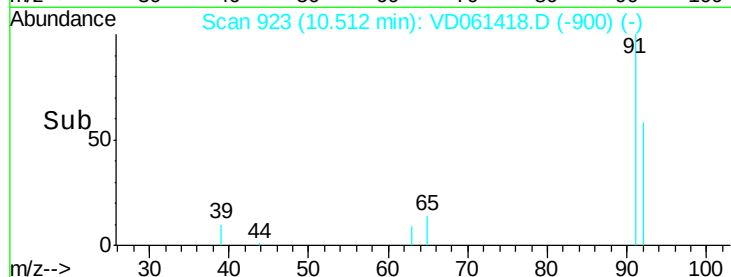
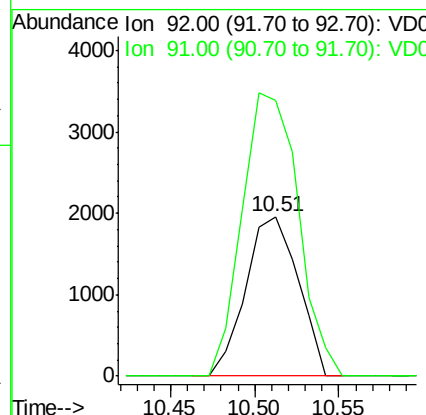
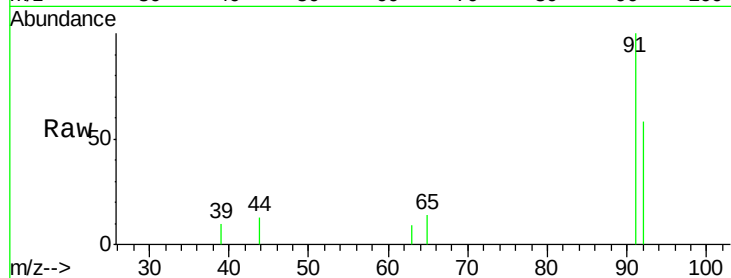




#52
Toluene
Concen: 2.537 ug/l
RT: 10.51 min Scan# 923
Delta R.T. 0.03 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

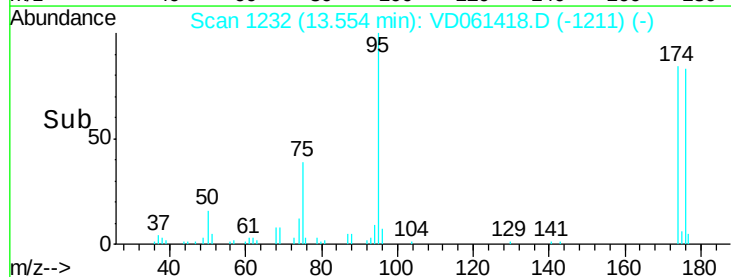
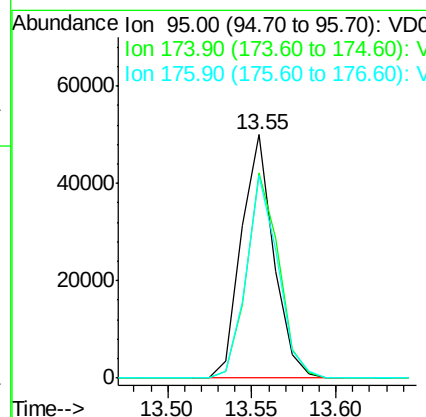
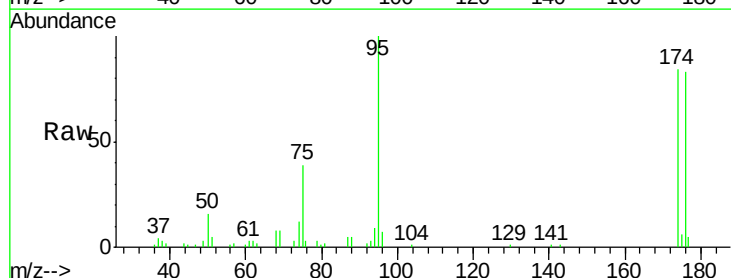
Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

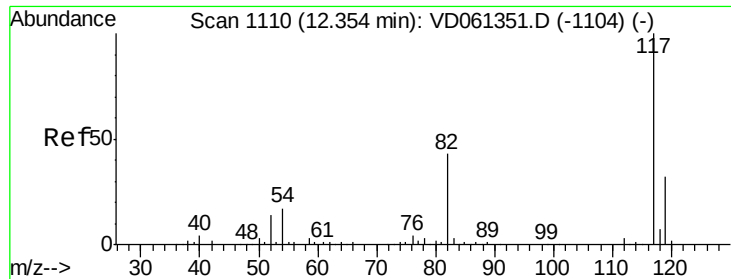
Tot Ion: 92 Resp: 4217
Ion Ratio Lower Upper
92 100
91 173.2 133.3 199.9



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

Tgt Ion: 95 Resp: 66432
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.0
176 83.3 0.0 175.0

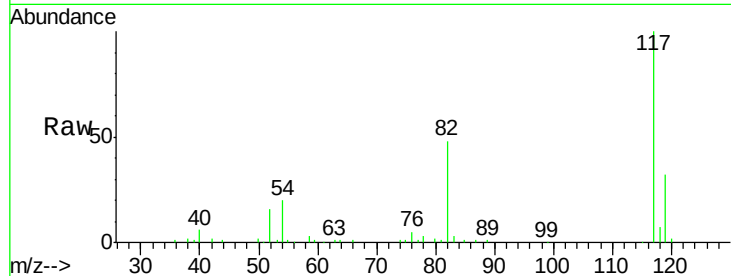




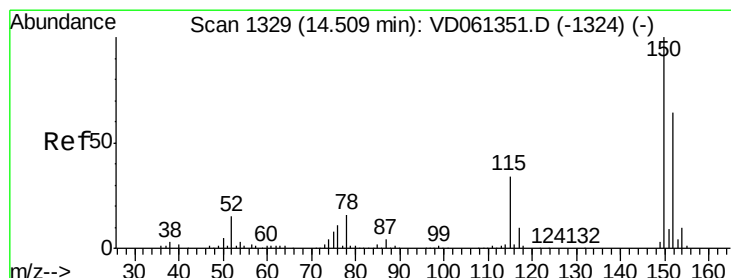
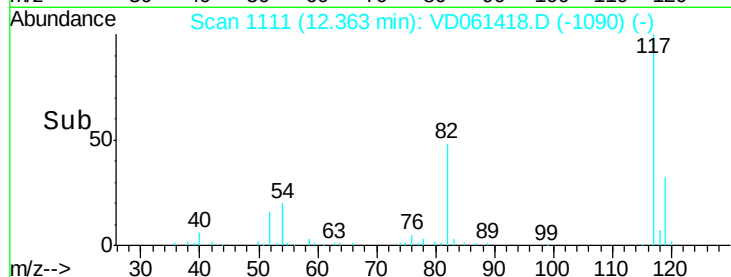
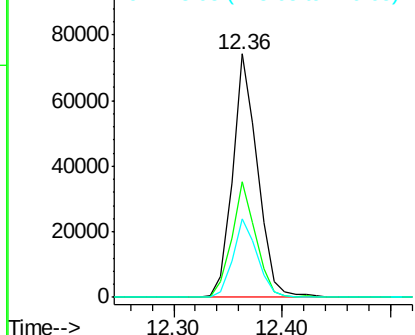
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

Instrument :
MSVOA_D
ClientSampleId :
TP-1RE

Tot Ion:117 Resp: 118423
Ion Ratio Lower Upper
117 100
82 47.6 34.4 51.6
119 32.3 25.8 38.6

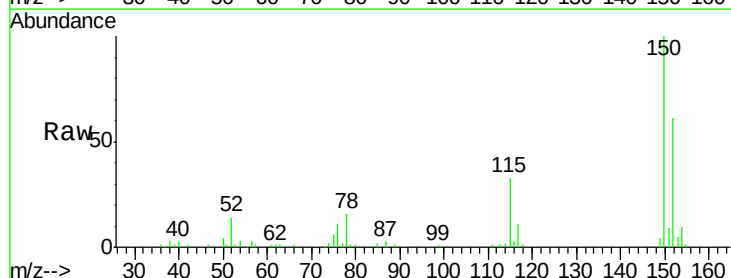


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

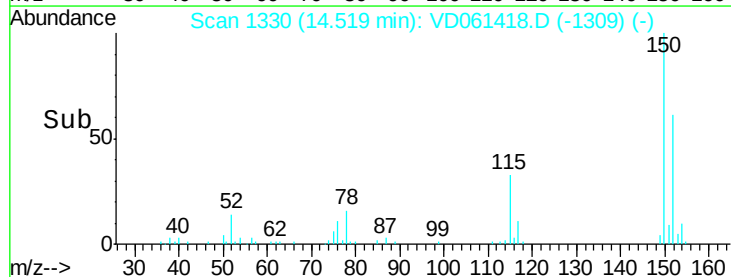
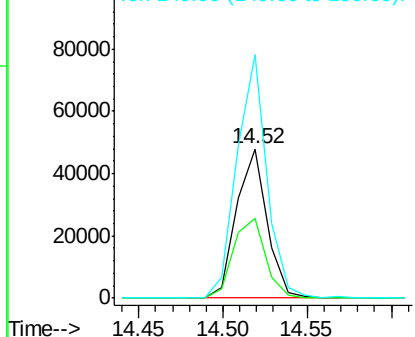


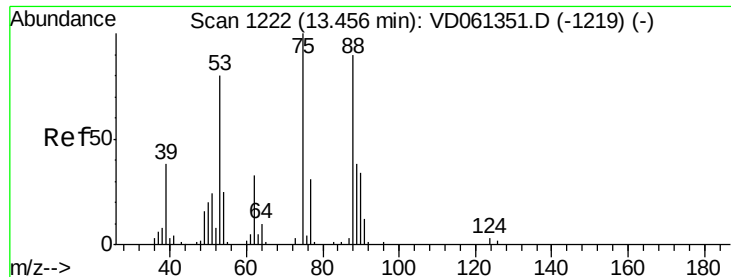
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061418.D
Acq: 29 Mar 2019 6:11

Tgt Ion:152 Resp: 60419
Ion Ratio Lower Upper
152 100
115 53.4 26.9 80.6
150 163.4 0.0 318.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#81

trans-1,4-Dichloro-2-butene

Concen: 91.801 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.10 min

Lab File: VD061418.D

Acq: 29 Mar 2019 6:11

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE

Tot Ion: 75 Resp: 24429

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

