

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061419.D
 Acq On : 29 Mar 2019 6:39
 Operator : VA/AP
 Sample : K2107-03RE
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 29 08:23:14 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

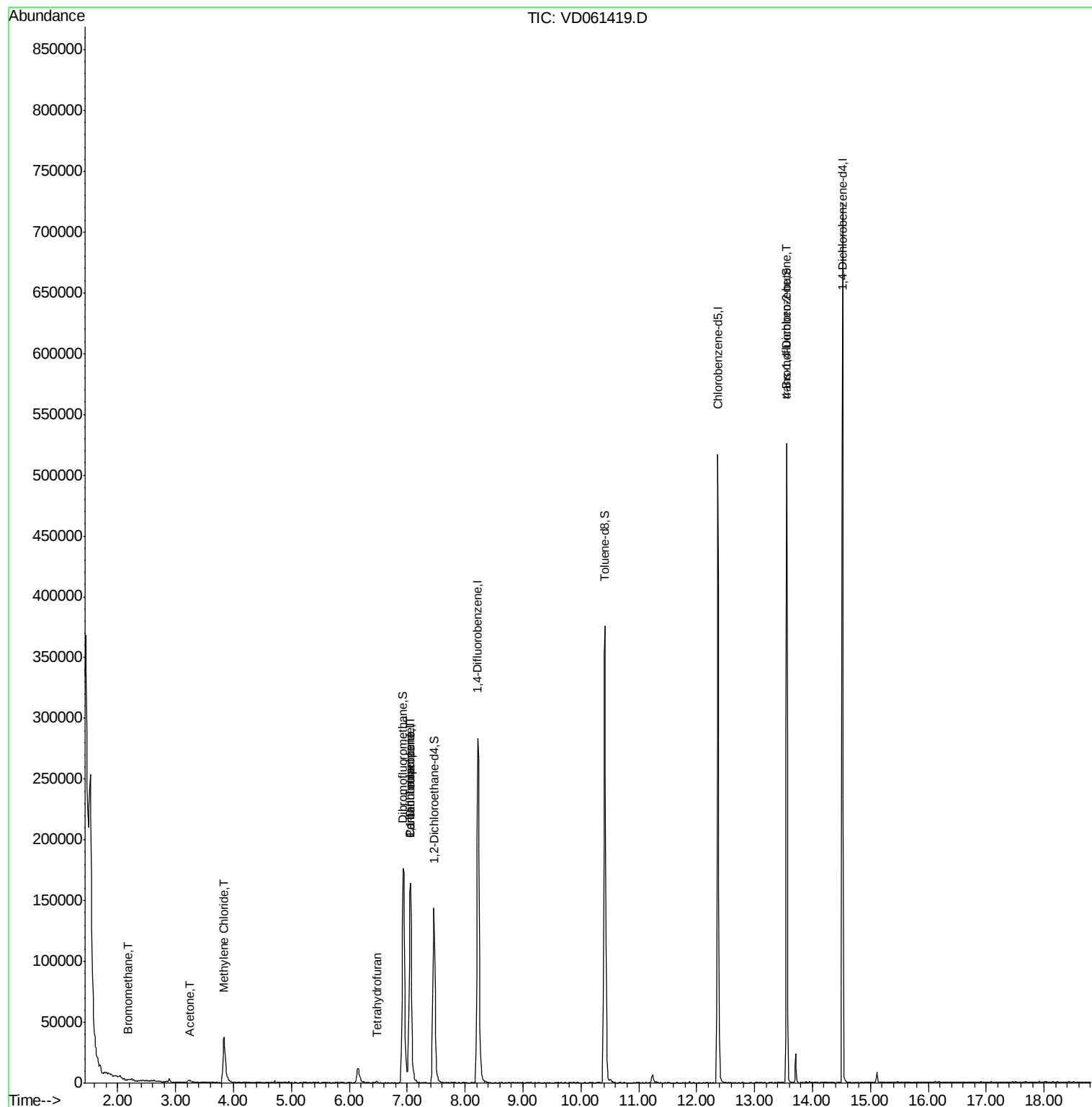
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	170090	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.22	114	369742	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	341269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	168891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	140560	96.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	193.48%	
35) Dibromofluoromethane	6.93	113	175462	62.10	ug/l	0.03
Spiked Amount 50.000			Recovery	=	124.20%	
50) Toluene-d8	10.41	98	338740	49.99	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	13.55	95	156477	60.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.42%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	408	1.513	ug/l #	10
16) Acetone	3.23	43	3958	10.597	ug/l #	48
20) Methylene Chloride	3.84	84	30992	13.406	ug/l	95
29) Tetrahydrofuran	6.49	42	1058	4.646	ug/l #	30
36) 1,1-Dichloropropene	7.05	75	11527	3.572	ug/l #	48
38) Carbon Tetrachloride	7.06	117	15892	4.286	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.55	75	57974	77.937	ug/l #	18

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
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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: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

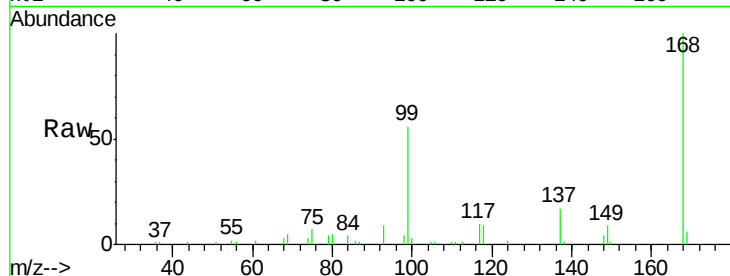
ClientSampleId :

Tot Ion:168 Resp: 170090

Ion Ratio Lower Upper

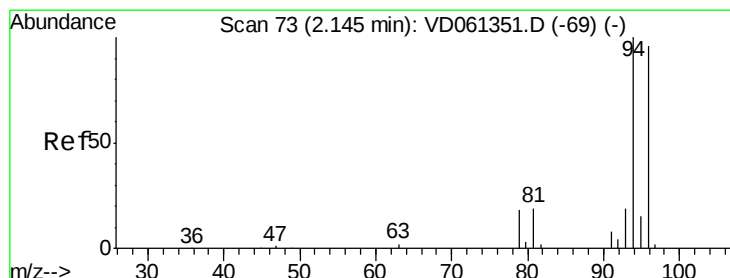
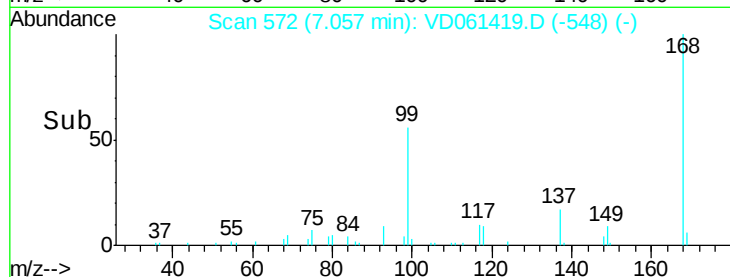
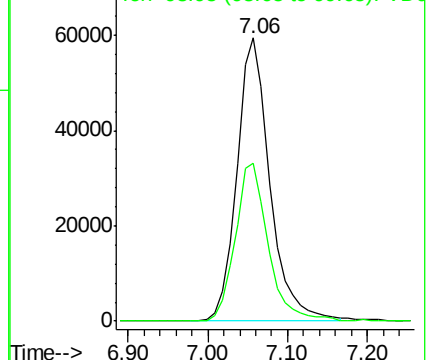
168 100

99 56.0 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: 1.513 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.05 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

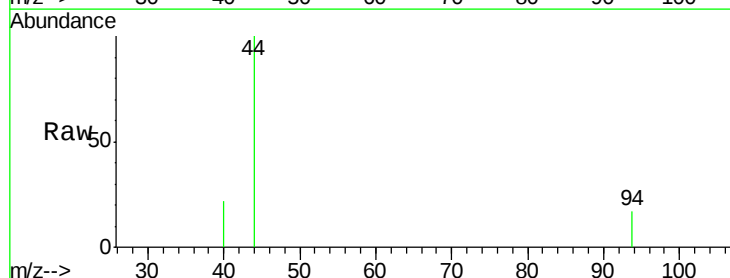
Tgt Ion: 94 Resp: 408

Ion Ratio Lower Upper

94 100

96 0.0 78.3 117.5#

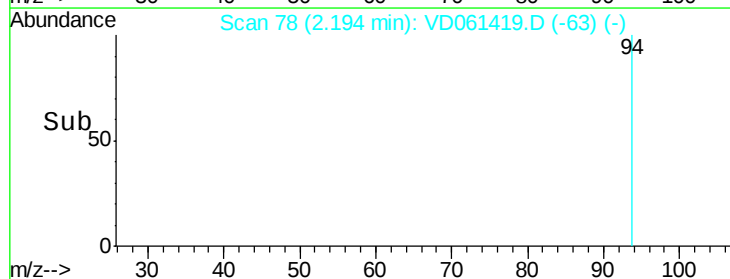
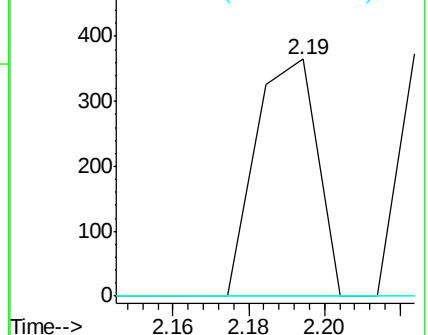
93 0.0 15.6 23.4#



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: 10.597 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

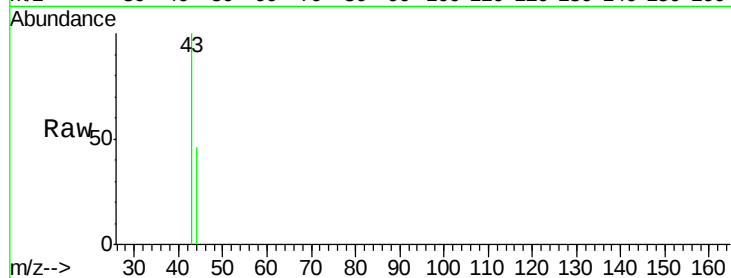
ClientSampleId :

Tot Ion: 43 Resp: 3958

Ion Ratio Lower Upper

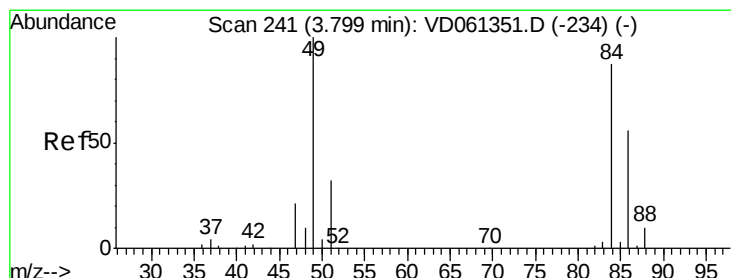
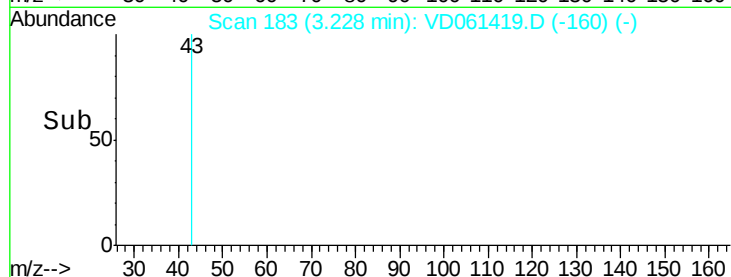
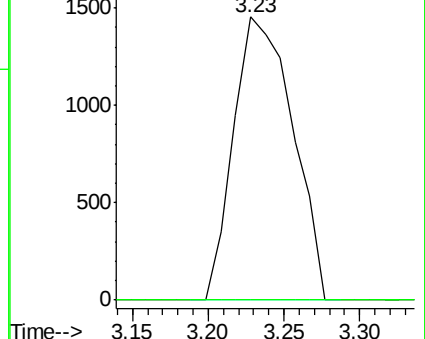
43 100

58 0.0 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: 13.406 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Tgt Ion: 84 Resp: 30992

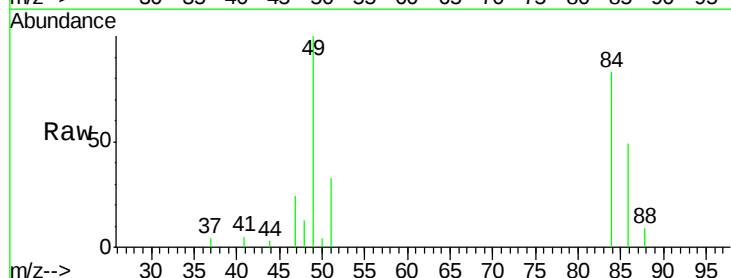
Ion Ratio Lower Upper

84 100

49 120.0 91.8 137.8

51 39.0 29.8 44.8

86 58.3 51.8 77.6

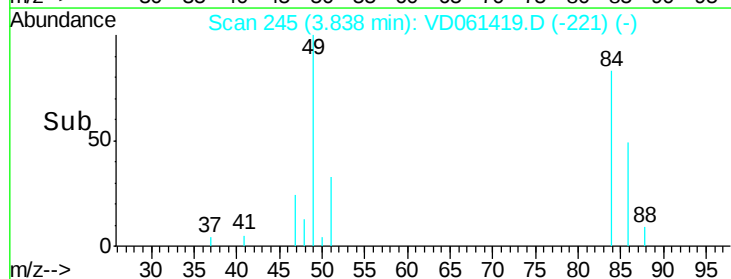
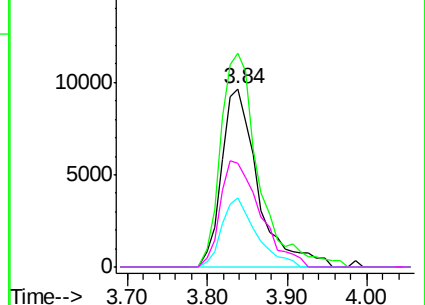


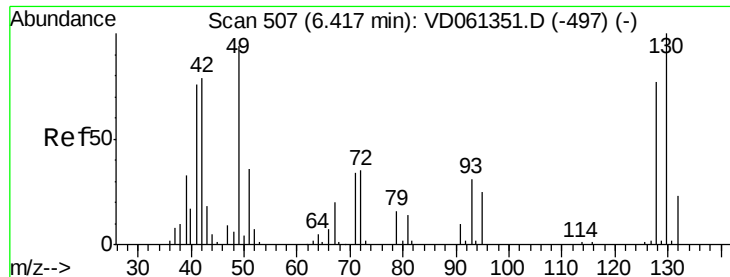
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

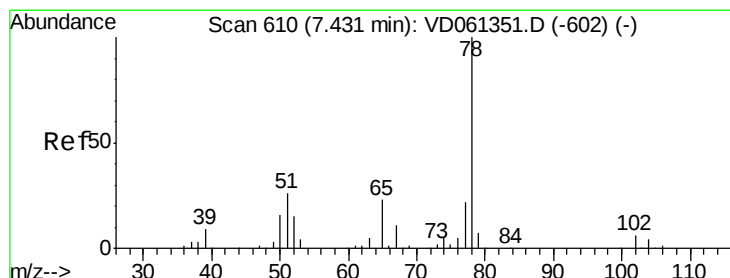
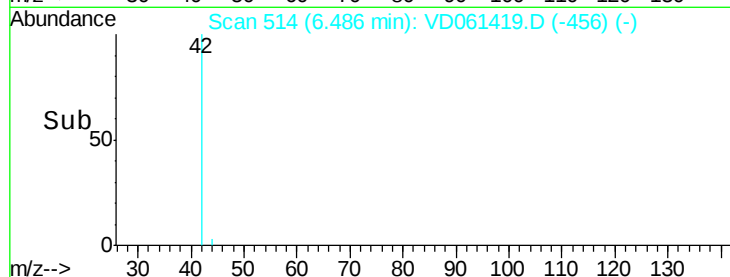
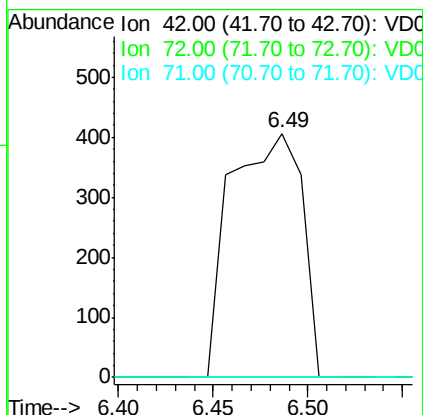
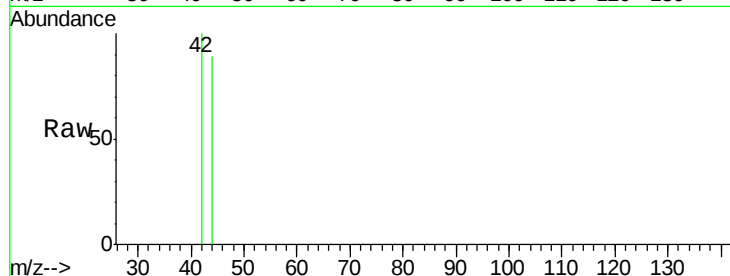




#29
Tetrahydrofuran
Concen: 4.646 ug/l
RT: 6.49 min Scan# 514
Delta R.T. 0.07 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

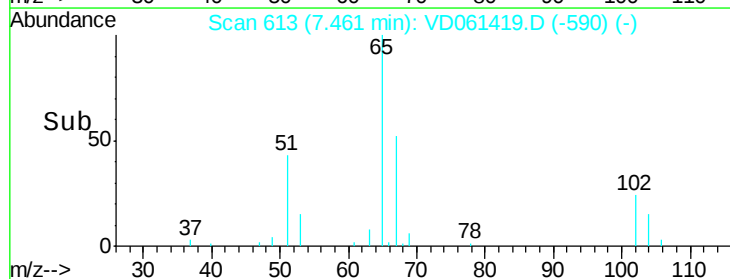
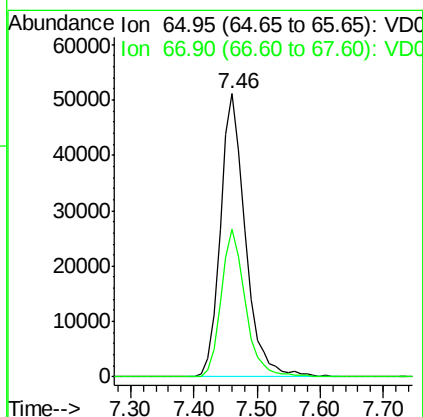
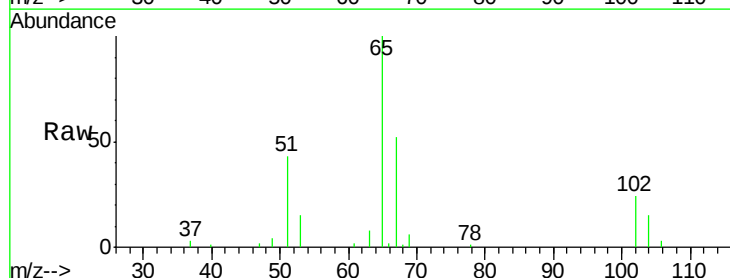
Instrument :
MSVOA_D
ClientSampled :

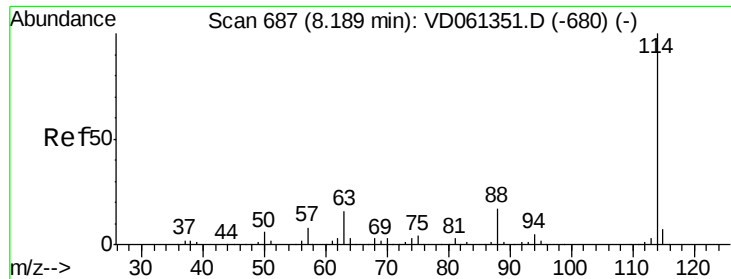
Tot Ion: 42 Resp: 1058
Ion Ratio Lower Upper
42 100
72 0.0 37.4 56.0#
71 0.0 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Tgt Ion: 65 Resp: 140560
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.8

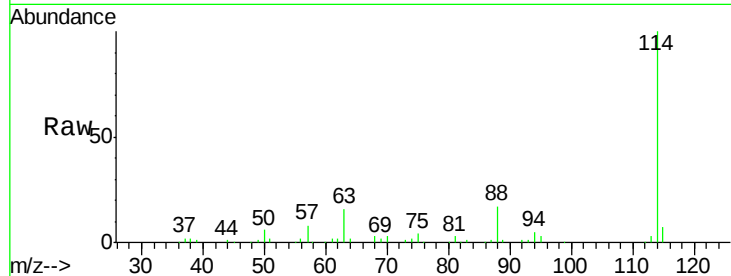




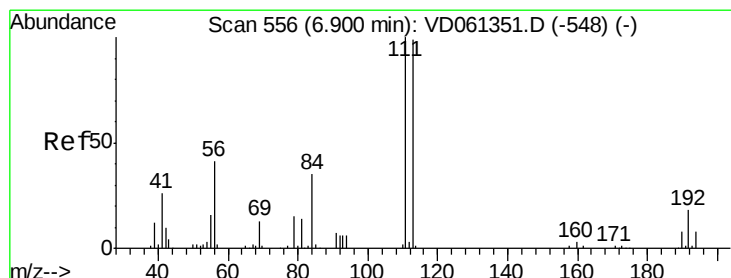
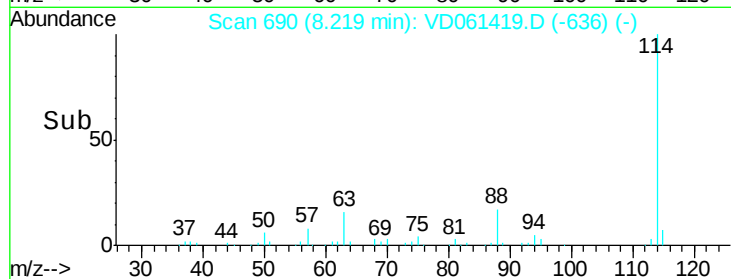
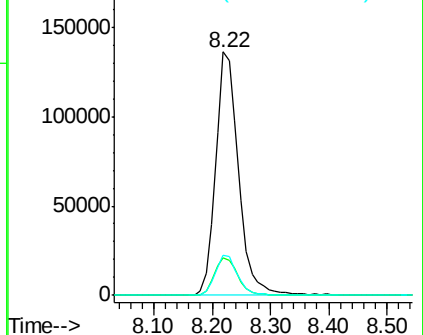
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD061419.D
 Acq: 29 Mar 2019 6:39

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 369742
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.6
 88 16.7 0.0 33.4

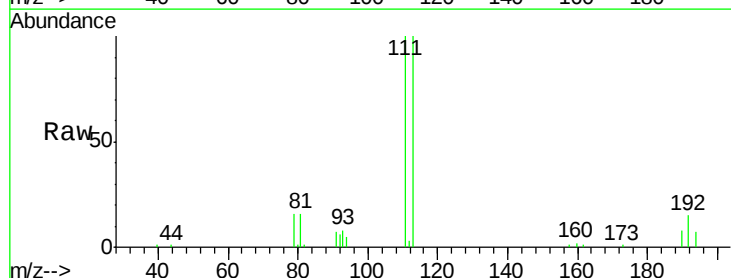


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

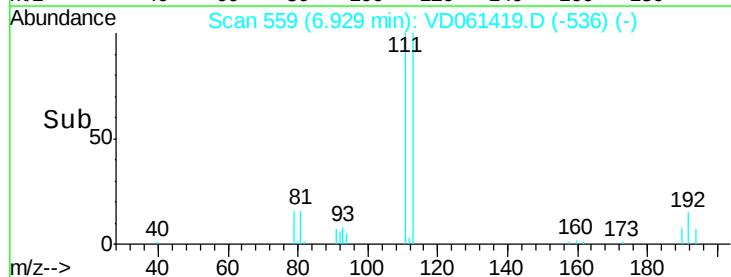
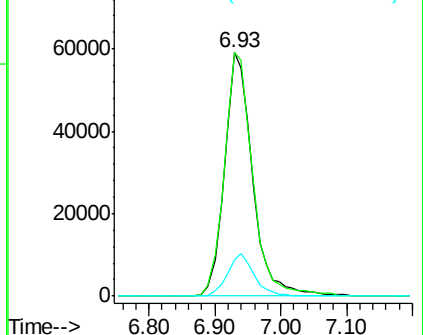


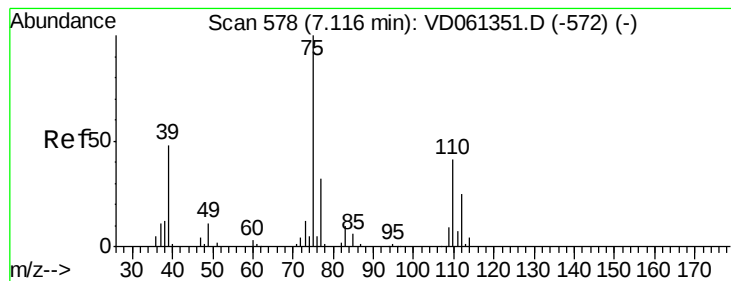
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD061419.D
 Acq: 29 Mar 2019 6:39

Tgt Ion:113 Resp: 175462
 Ion Ratio Lower Upper
 113 100
 111 100.1 81.0 121.6
 192 14.8 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: 3.572 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

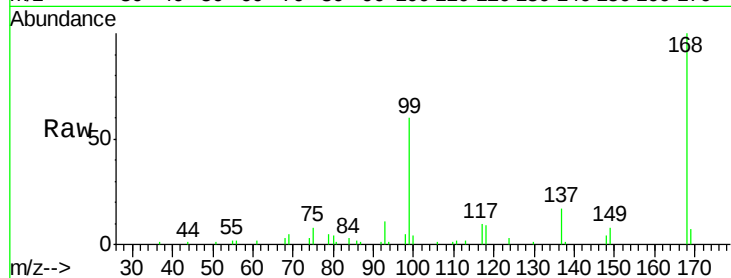
Tot Ion: 75 Resp: 11527

Ion Ratio Lower Upper

75 100

110 10.1 20.4 61.3#

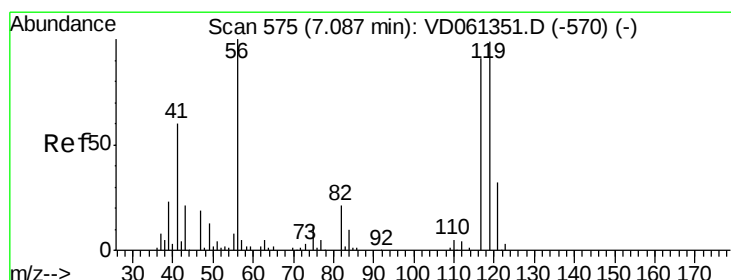
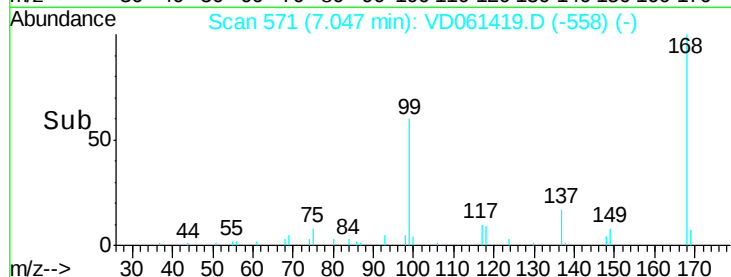
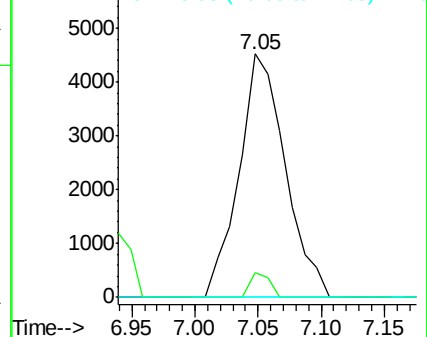
77 0.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 4.286 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.03 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

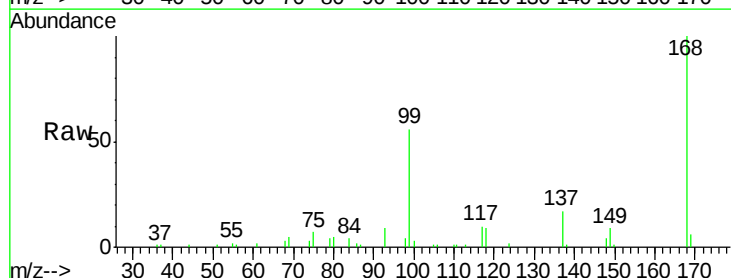
Tgt Ion: 117 Resp: 15892

Ion Ratio Lower Upper

117 100

119 0.0 80.1 120.1#

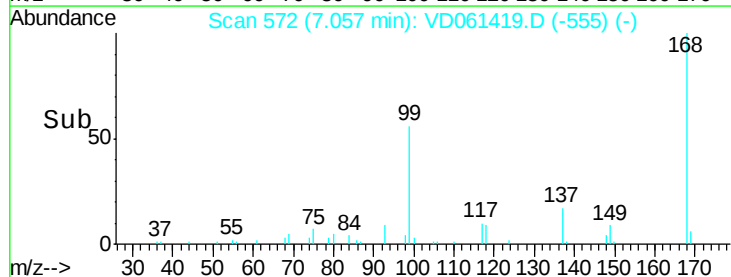
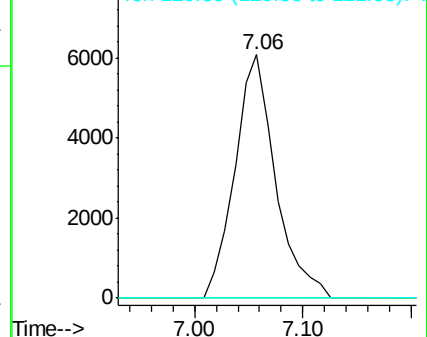
121 0.0 25.6 38.4#

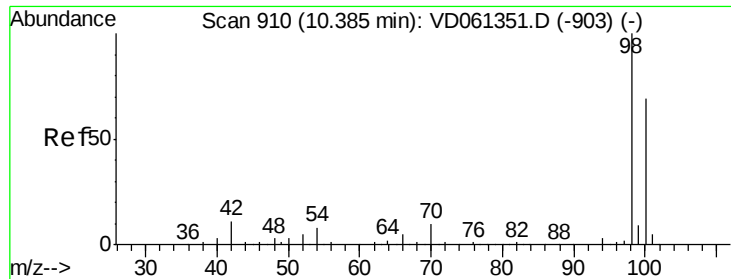


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

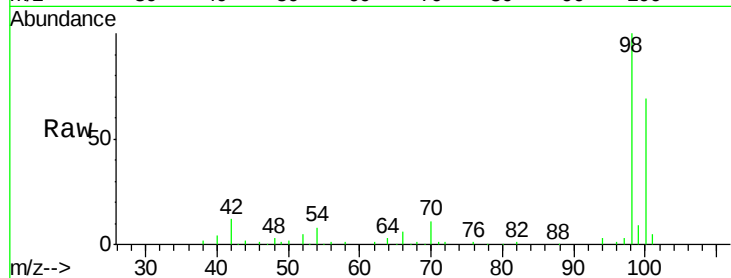




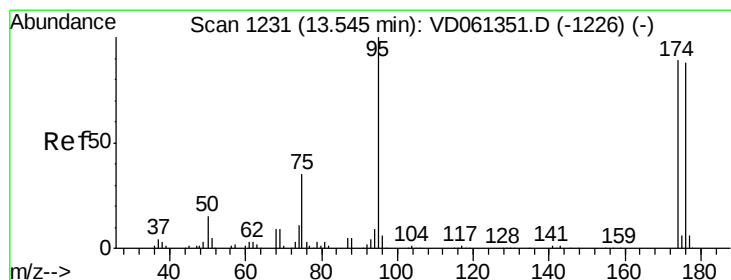
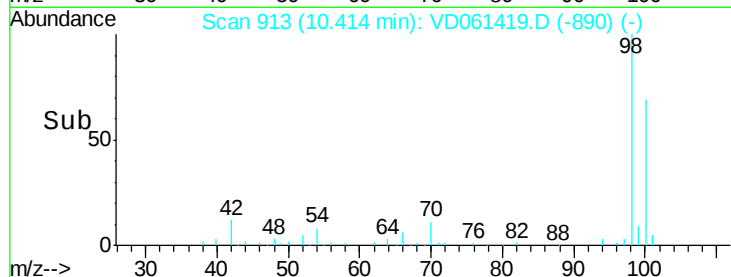
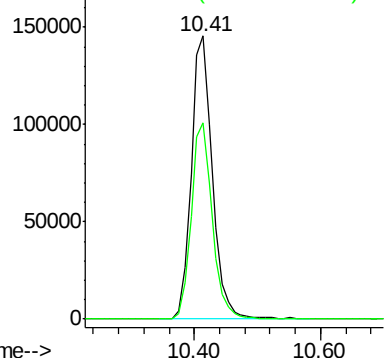
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 338740
Ion Ratio Lower Upper
98 100
100 69.4 56.2 84.2

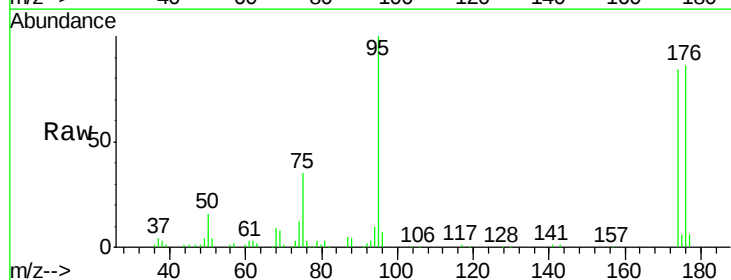


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

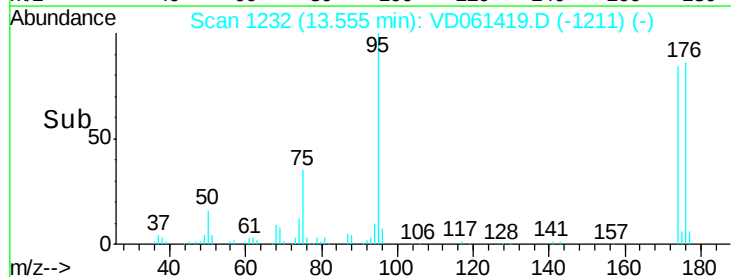
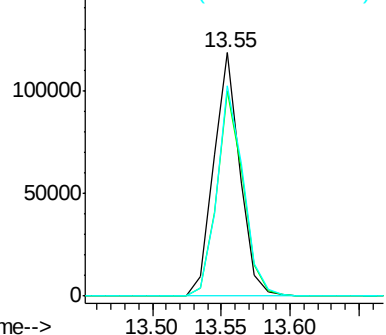


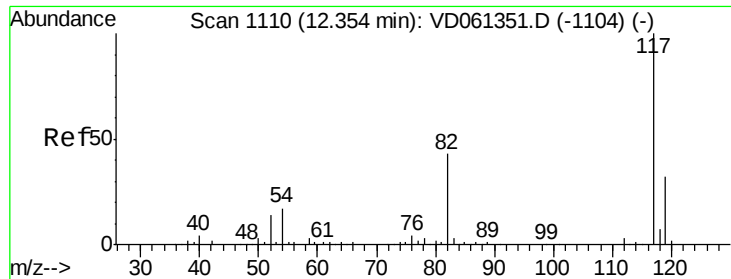
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Tgt Ion: 95 Resp: 156477
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.0
176 86.4 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

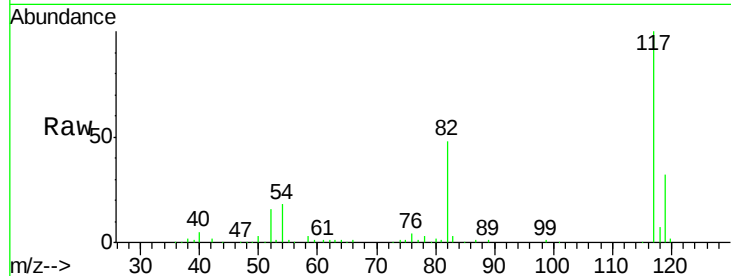




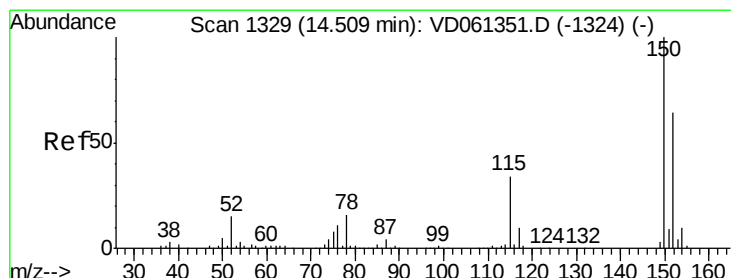
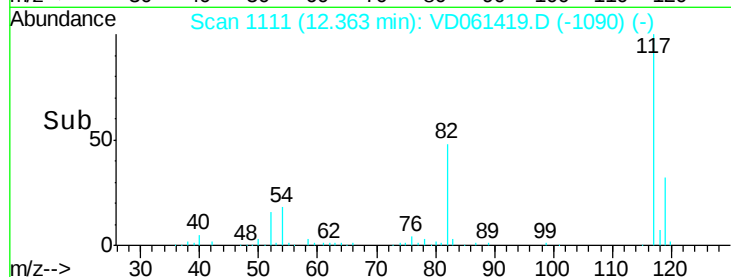
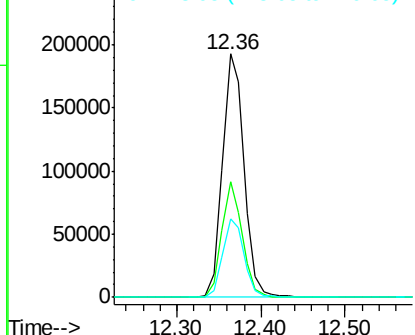
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 341269
Ion Ratio Lower Upper
117 100
82 47.7 34.4 51.6
119 32.4 25.8 38.6

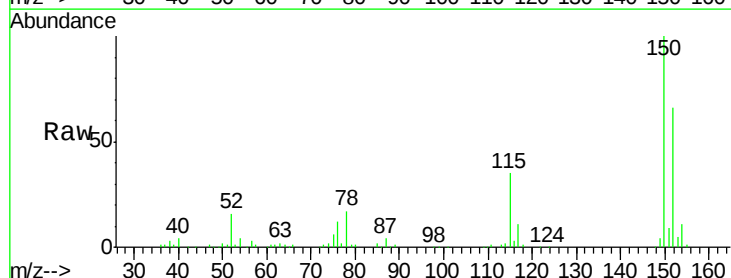


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

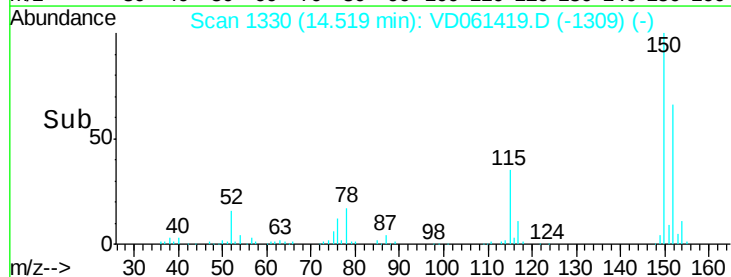
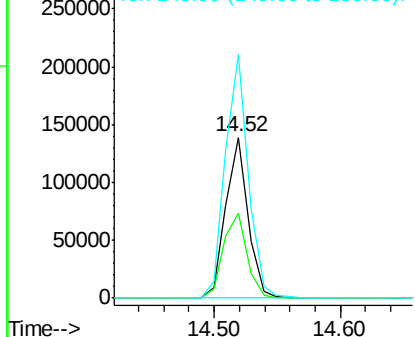


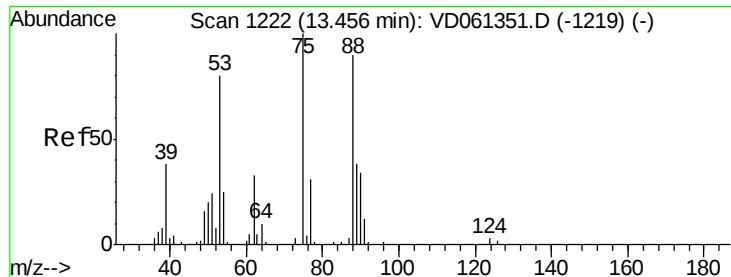
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061419.D
Acq: 29 Mar 2019 6:39

Tgt Ion:152 Resp: 168891
Ion Ratio Lower Upper
152 100
115 53.3 26.9 80.6
150 151.8 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: 77.937 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.10 min

Lab File: VD061419.D

Acq: 29 Mar 2019 6:39

Instrument :

MSVOA_D

ClientSampleId :

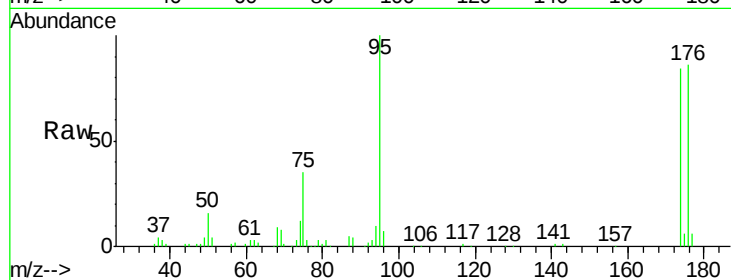
Tot Ion: 75 Resp: 57974

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

