

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061529.D
 Acq On : 2 Apr 2019 22:07
 Operator : VA/AP
 Sample : K2186-23
 Misc : 7.08g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 03 01:56:09 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

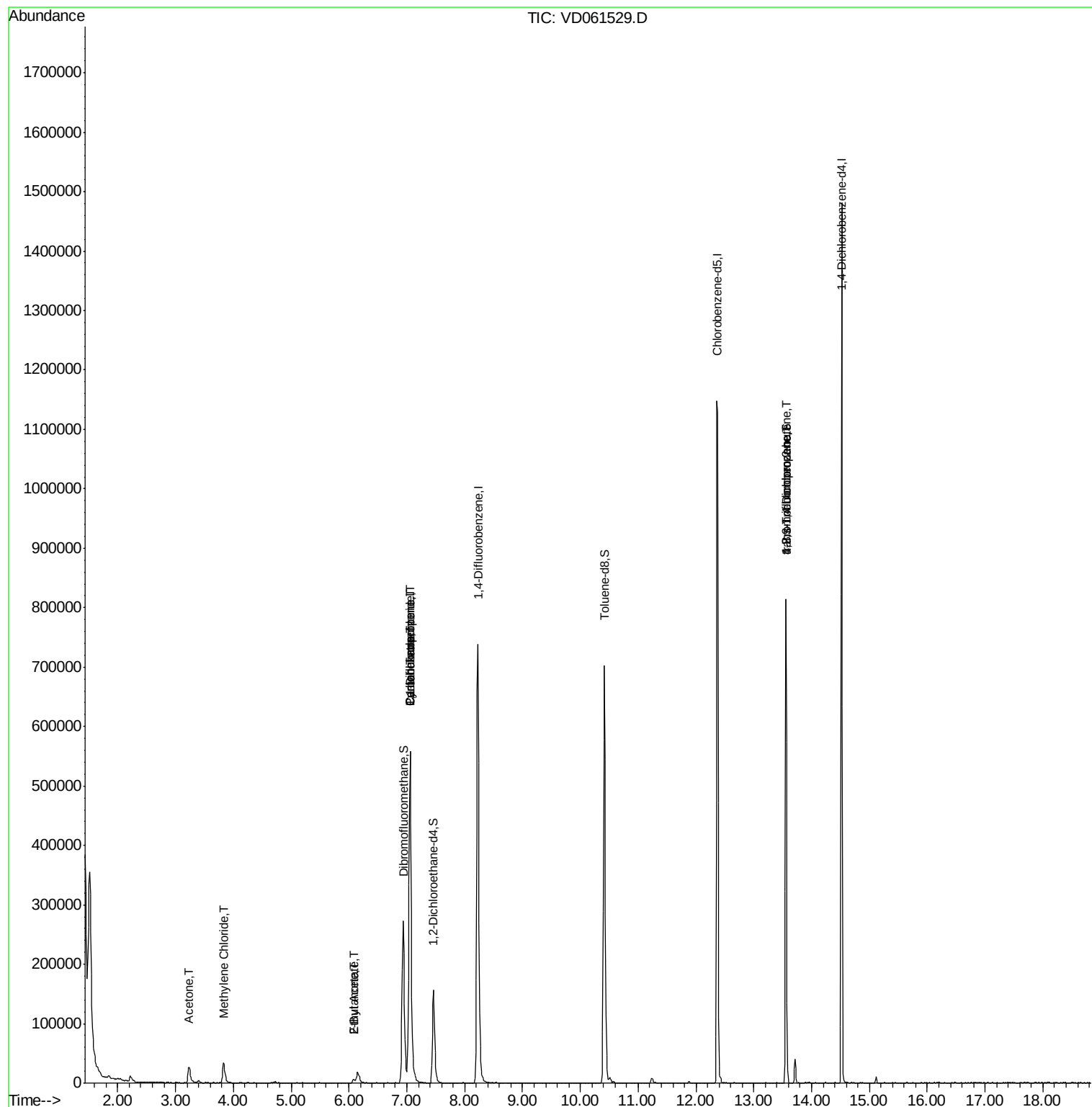
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	559998	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	892943	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	757698	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	332930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	165369	34.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.14%	
35) Dibromofluoromethane	6.94	113	279437	40.95	ug/l	0.04
Spiked Amount 50.000			Recovery	=	81.90%	
50) Toluene-d8	10.41	98	621273	37.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	13.55	95	250294	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	61668	50.147	ug/l	93
20) Methylene Chloride	3.84	84	25605	1.869	ug/l	96
25) 2-Butanone	6.08	43	17911	11.579	ug/l	91
31) Cyclohexane	7.07	56	9301	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	41496	5.325	ug/l #	44
37) Ethyl Acetate	6.08	43	17911	5.374	ug/l #	65
38) Carbon Tetrachloride	7.06	117	53972	6.027	ug/l #	14
76) 1,2,3-Trichloropropane	13.55	75	73404	15.263	ug/l #	44
81) trans-1,4-Dichloro-2-buten	13.55	75	95887	65.392	ug/l #	18

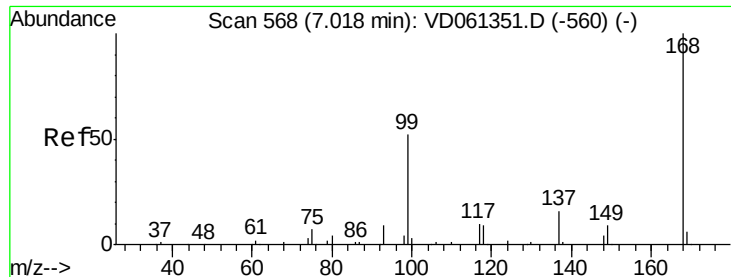
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

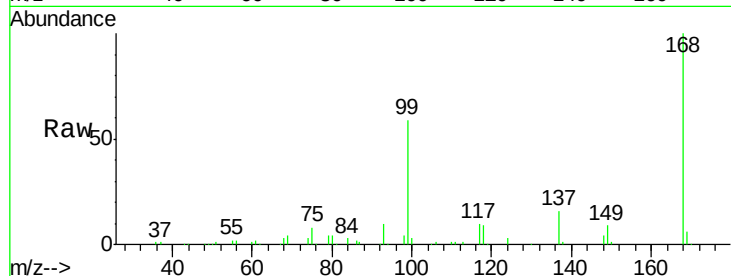
ClientSampleId :

Tot Ion:168 Resp: 559998

Ion Ratio Lower Upper

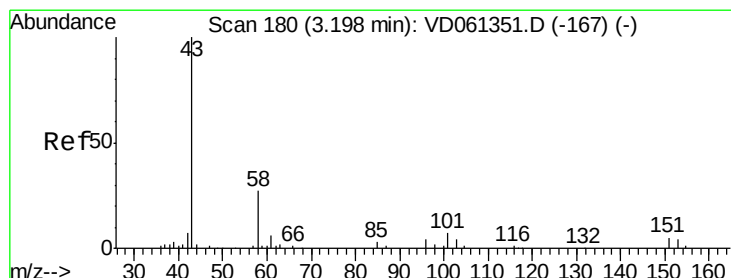
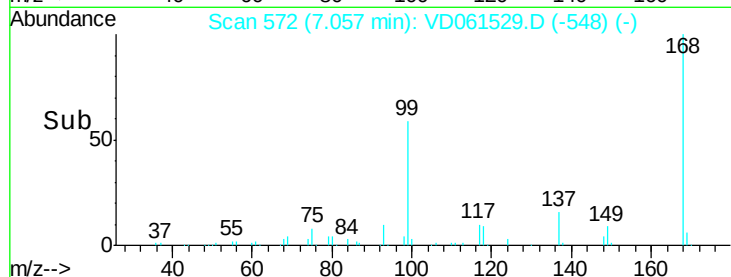
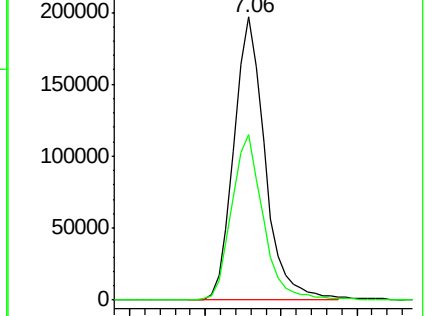
168 100

99 58.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 50.147 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061529.D

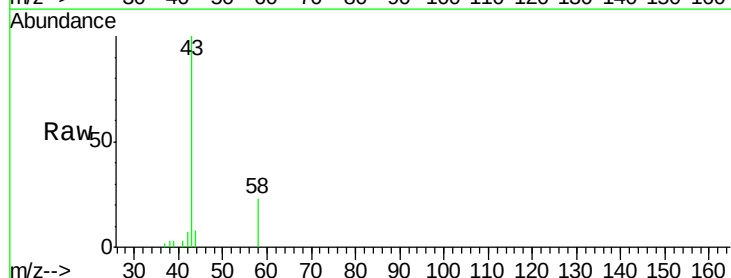
Acq: 2 Apr 2019 22:07

Tgt Ion: 43 Resp: 61668

Ion Ratio Lower Upper

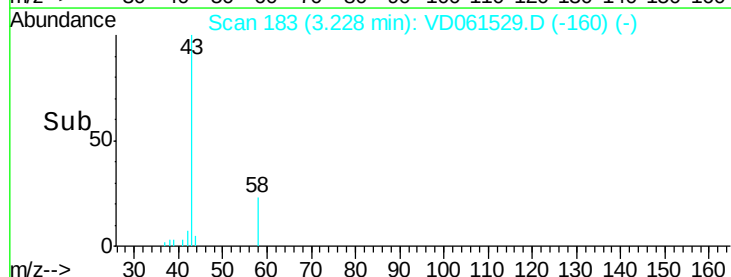
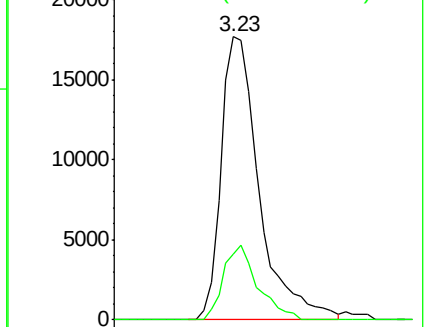
43 100

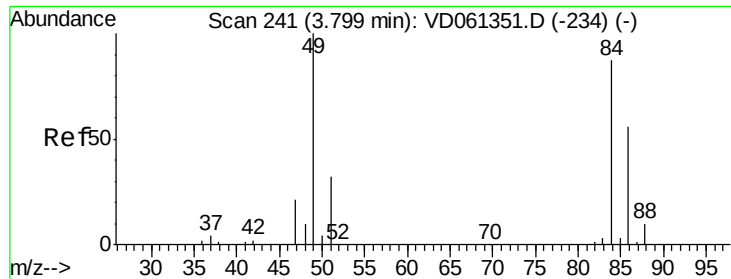
58 23.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

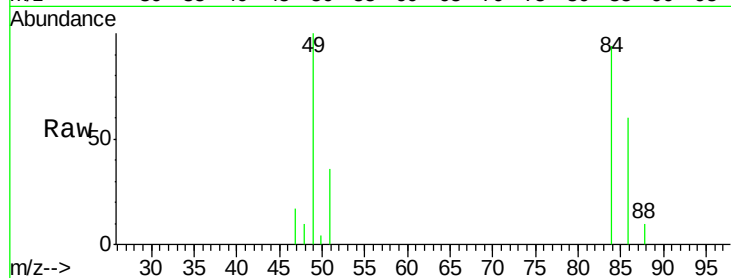




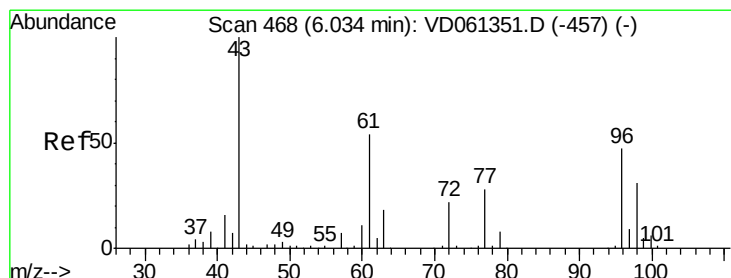
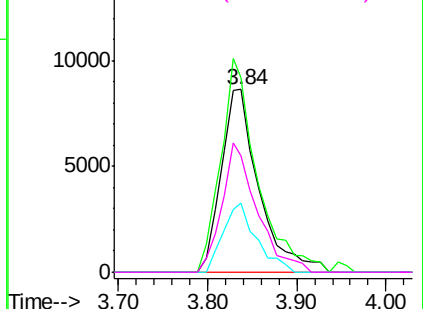
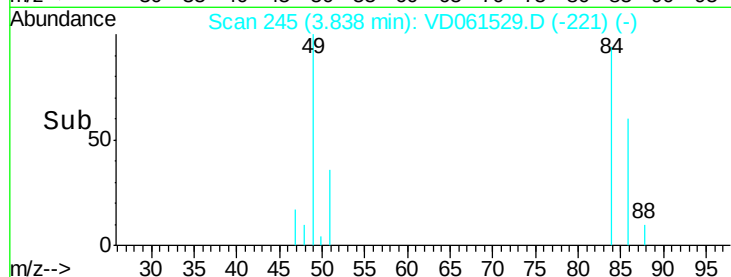
#20
Methvlene Chloride
Concen: 1.869 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.04 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 25605
Ion Ratio Lower Upper
84 100
49 106.7 91.8 137.8
51 38.0 29.8 44.8
86 64.1 51.8 77.6

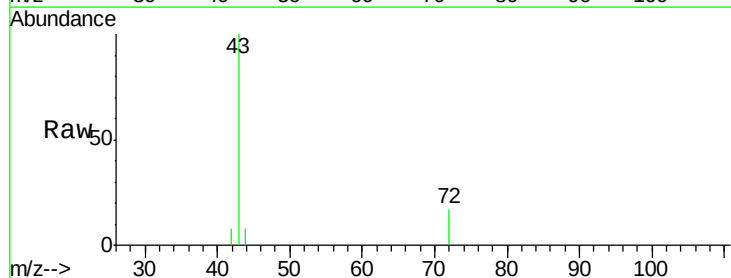


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

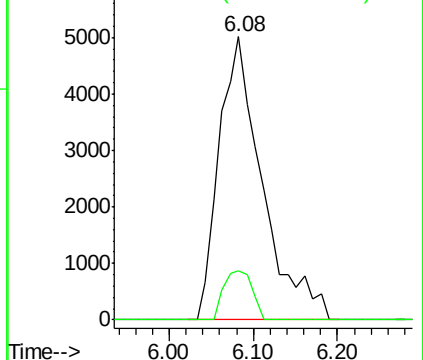
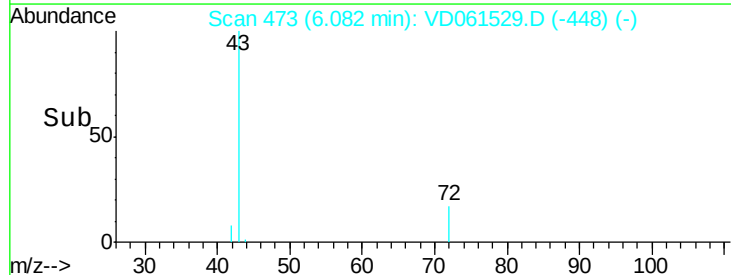


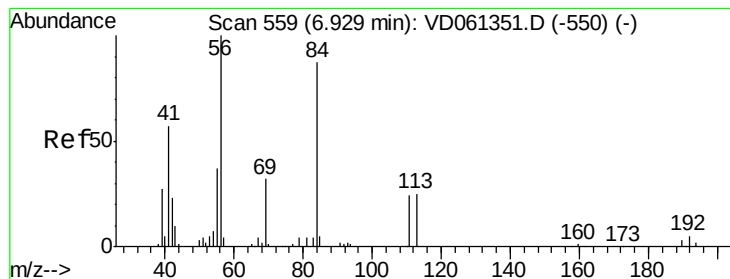
#25
2-Butanone
Concen: 11.579 ug/l
RT: 6.08 min Scan# 473
Delta R.T. 0.05 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Tgt Ion: 43 Resp: 17911
Ion Ratio Lower Upper
43 100
72 17.3 17.2 25.8



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.129 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.14 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampled :

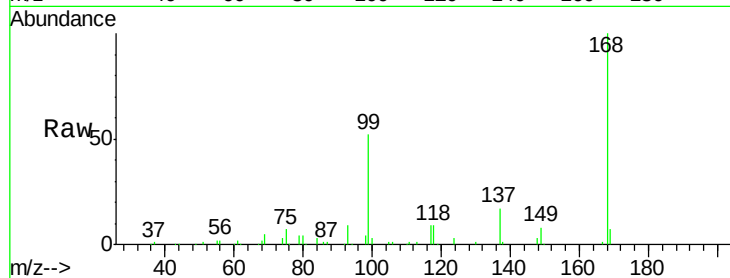
Tot Ion: 56 Resp: 9301

Ion Ratio Lower Upper

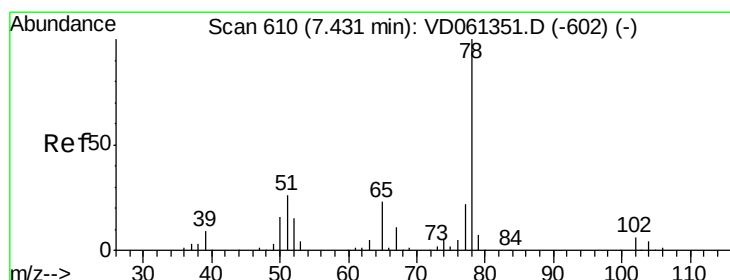
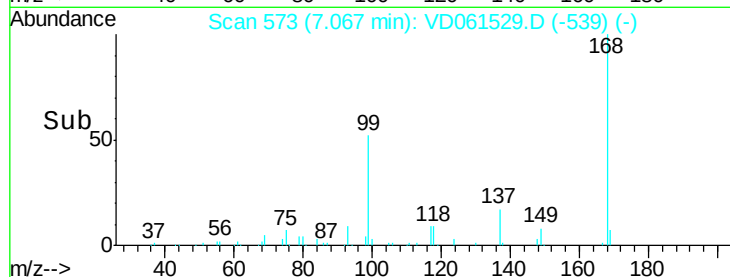
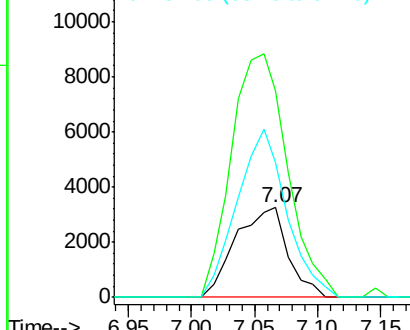
56 100

69 230.9 25.7 38.5#

84 149.9 70.6 105.8#



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: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061529.D

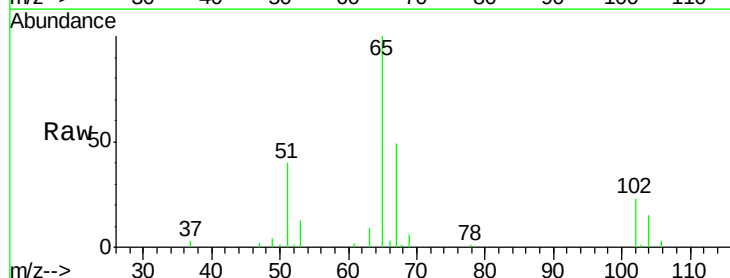
Acq: 2 Apr 2019 22:07

Tgt Ion: 65 Resp: 165369

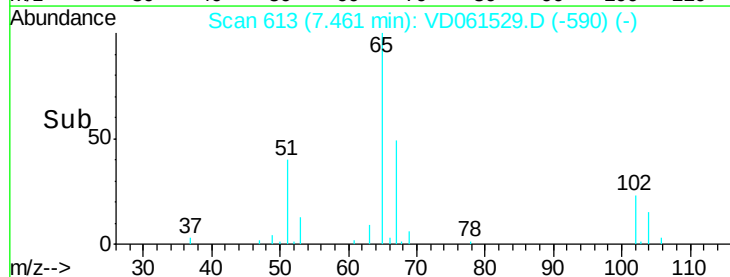
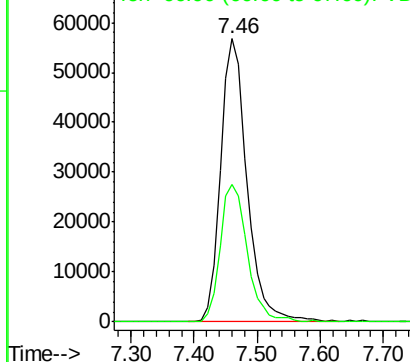
Ion Ratio Lower Upper

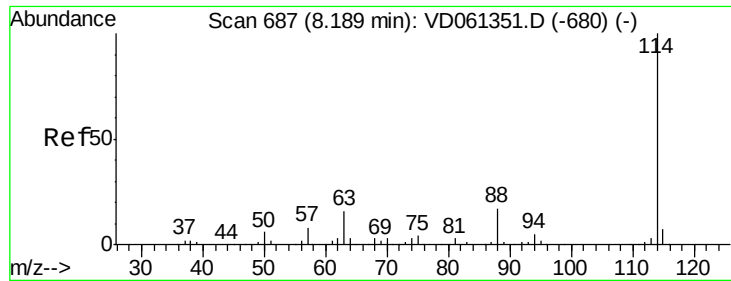
65 100

67 48.8 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.04 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampleId :

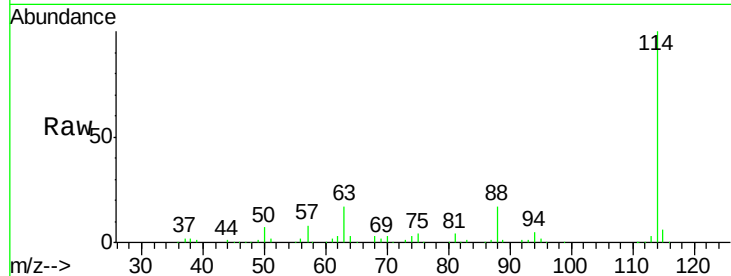
Tot Ion:114 Resp: 892943

Ion Ratio Lower Upper

114 100

63 16.9 0.0 31.6

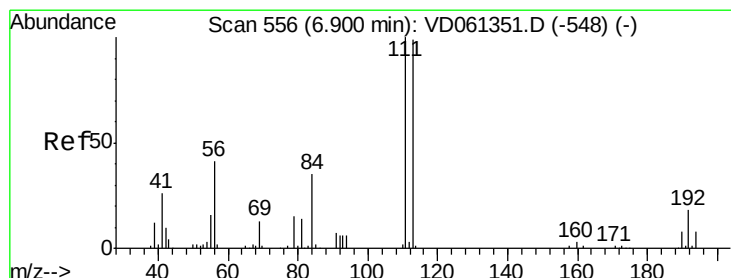
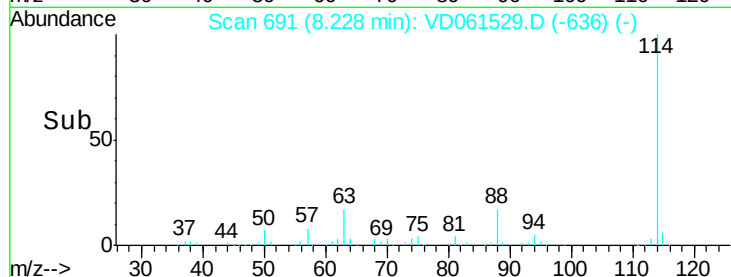
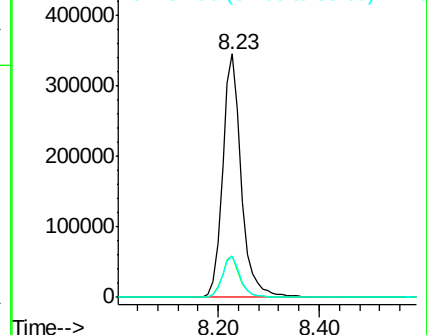
88 17.2 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

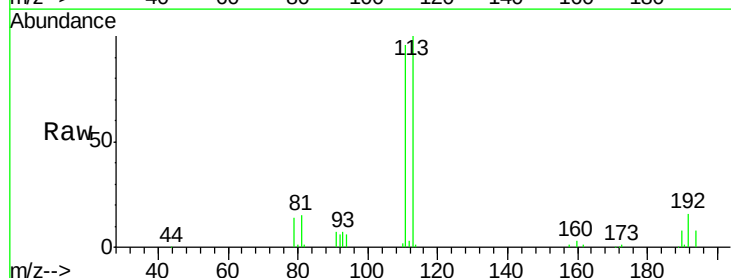
Tgt Ion:113 Resp: 279437

Ion Ratio Lower Upper

113 100

111 95.6 81.0 121.6

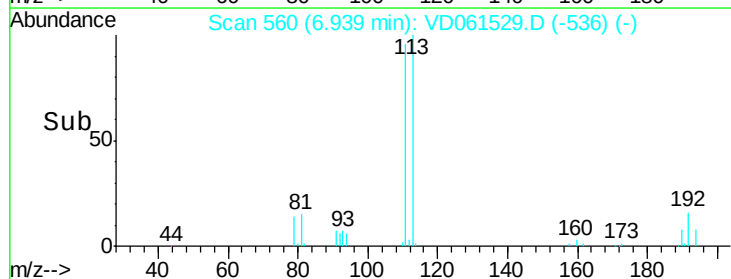
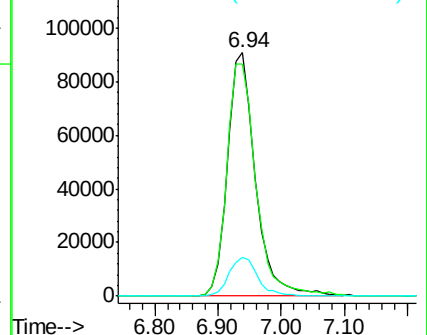
192 16.0 14.4 21.6

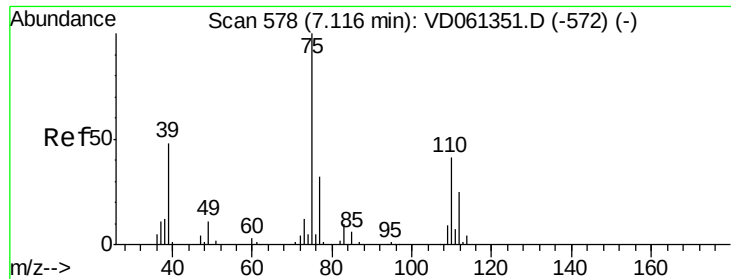


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

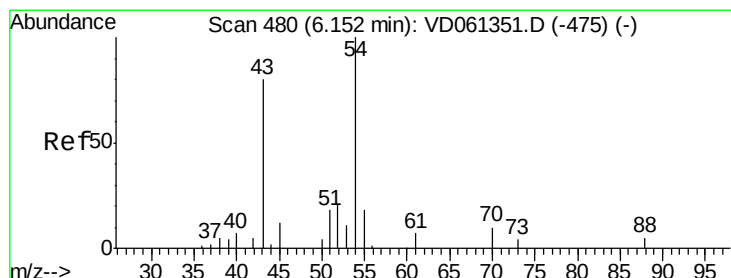
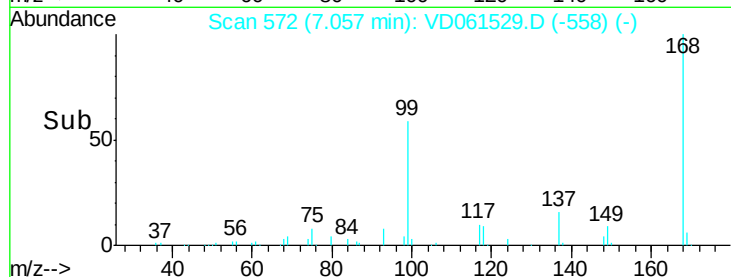
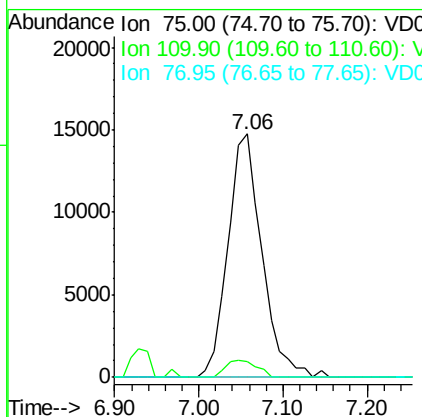
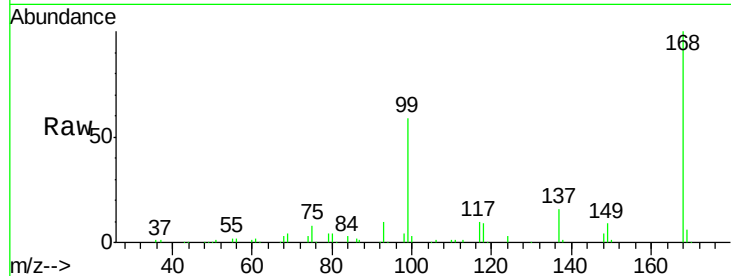




#36
 1,1-Dichloropropene
 Concen: 5.325 ug/l
 RT: 7.06 min Scan# 572
 Delta R.T. -0.06 min
 Lab File: VD061529.D
 Acq: 2 Apr 2019 22:07

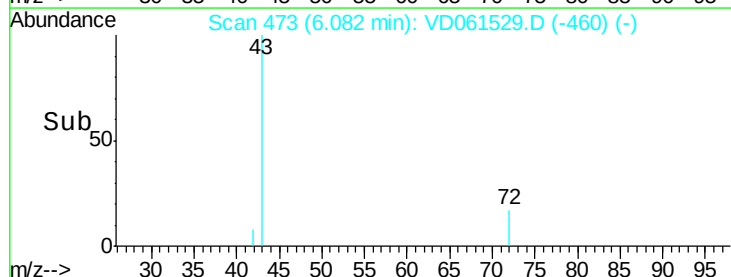
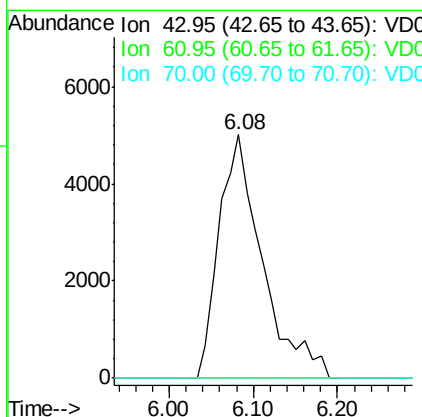
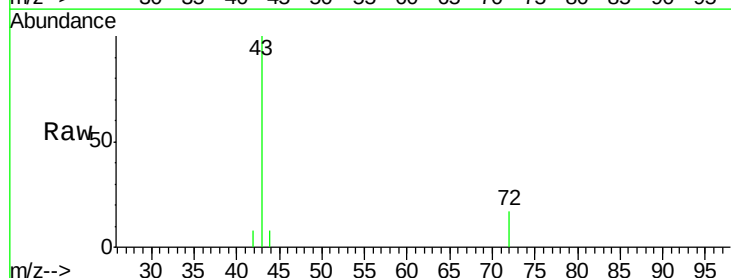
Instrument :
 MSVOA_D
 ClientSampleId :

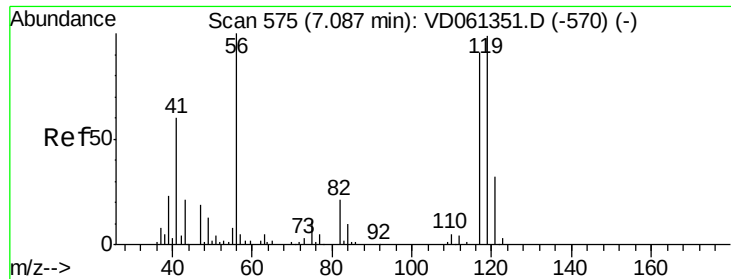
Tot Ion	75	Resp	41496
Ion Ratio	Lower	Upper	
75	100		
110	6.7	20.4	61.3#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 5.374 ug/l
 RT: 6.08 min Scan# 473
 Delta R.T. -0.07 min
 Lab File: VD061529.D
 Acq: 2 Apr 2019 22:07

Tgt Ion	43	Resp	17911
Ion Ratio	Lower	Upper	
43	100		
61	0.0	13.8	20.8#
70	0.0	7.8	11.8#

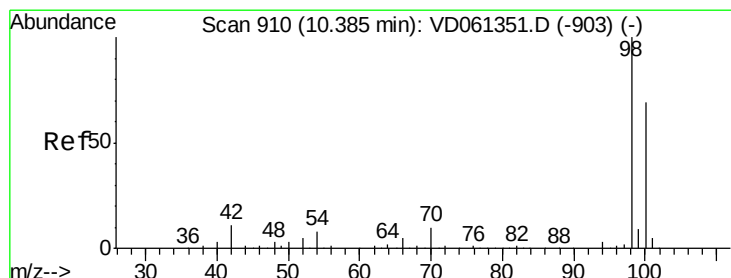
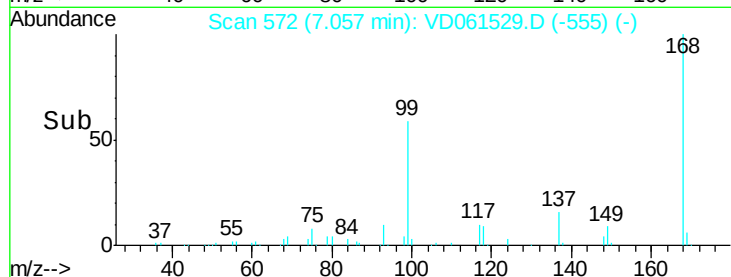
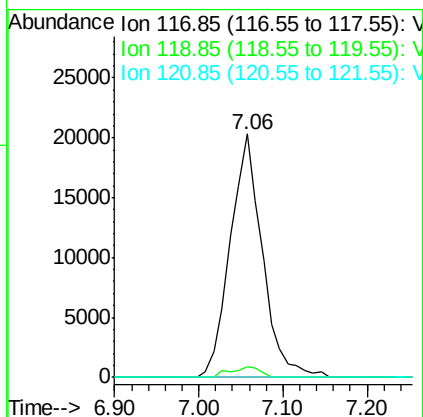
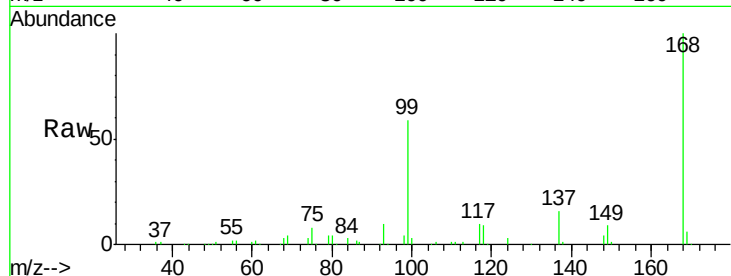




#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 7.06 min Scan# 572
Delta R.T. -0.03 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

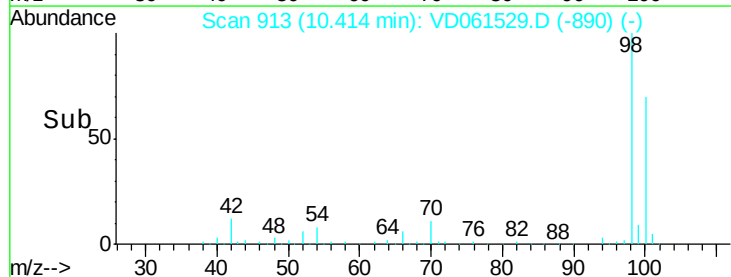
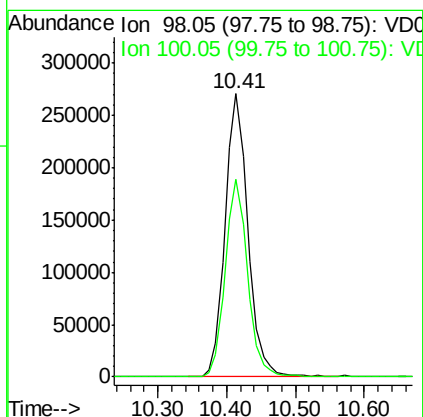
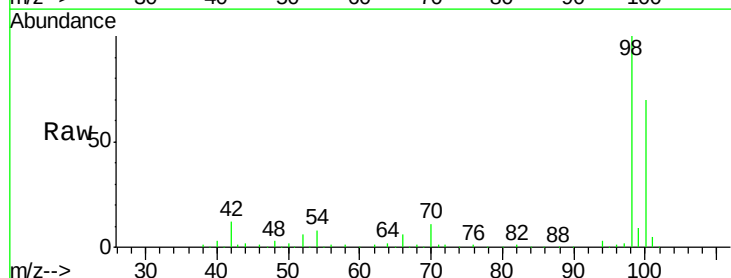
Instrument :
MSVOA_D
ClientSampled :

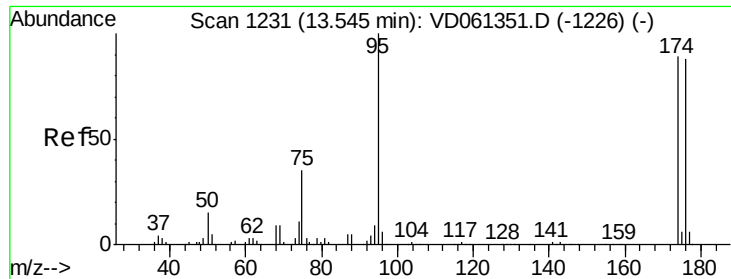
Tot Ion:117 Resp: 53972
Ion Ratio Lower Upper
117 100
119 4.3 80.1 120.1#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.03 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Tgt Ion: 98 Resp: 621273
Ion Ratio Lower Upper
98 100
100 69.6 56.2 84.2

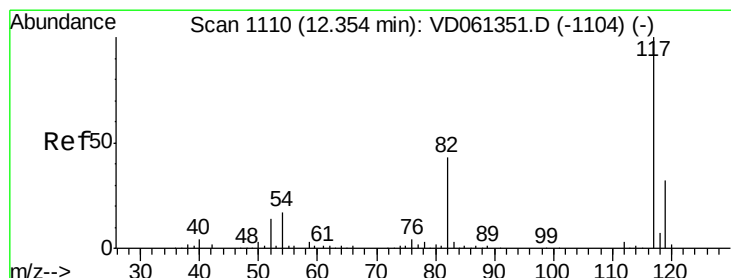
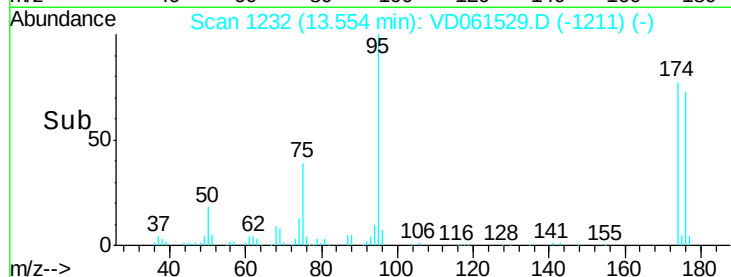
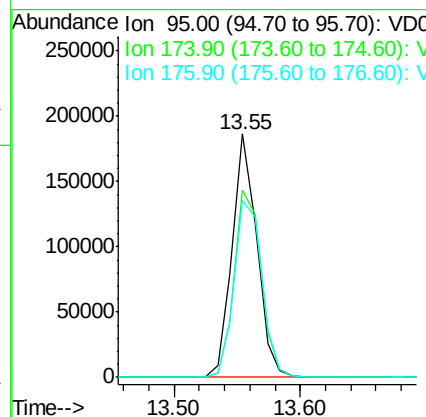
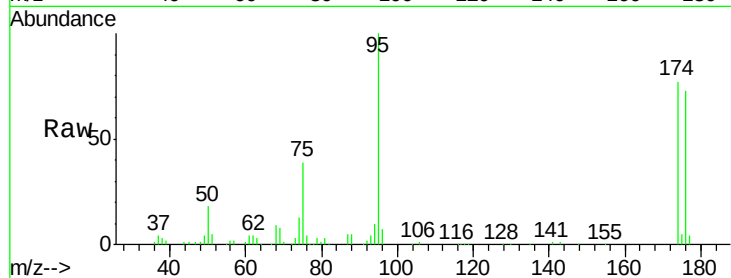




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

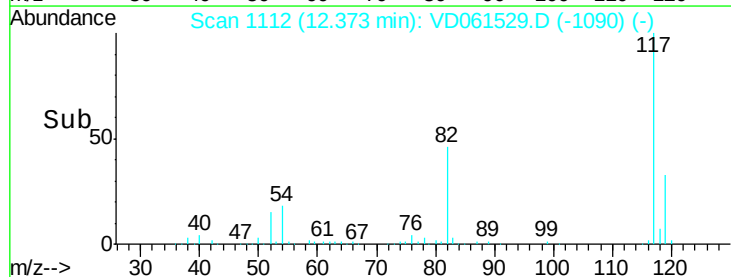
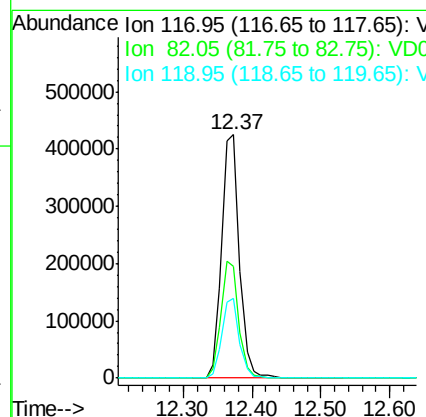
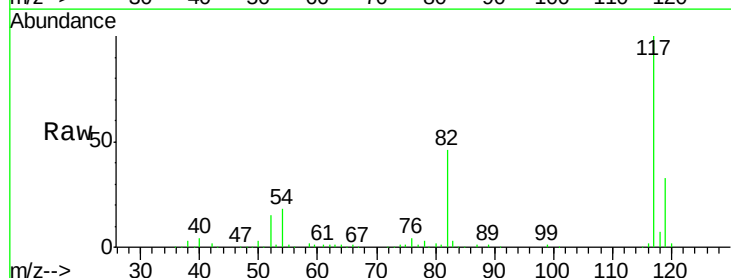
Instrument :
MSVOA_D
ClientSampleId :

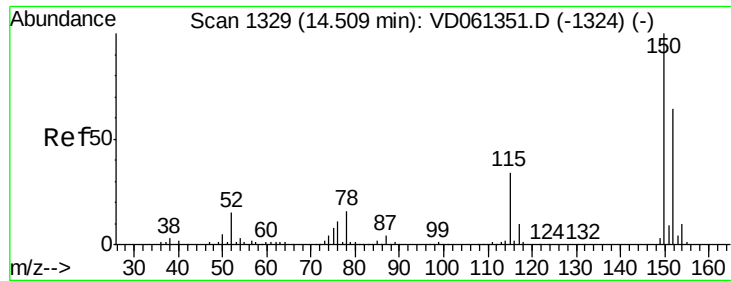
Tot Ion: 95 Resp: 250294
Ion Ratio Lower Upper
95 100
174 76.8 0.0 178.0
176 72.9 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Tgt Ion: 117 Resp: 757698
Ion Ratio Lower Upper
117 100
82 46.1 34.4 51.6
119 33.0 25.8 38.6



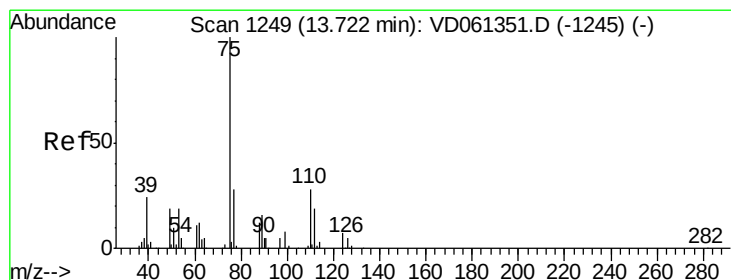
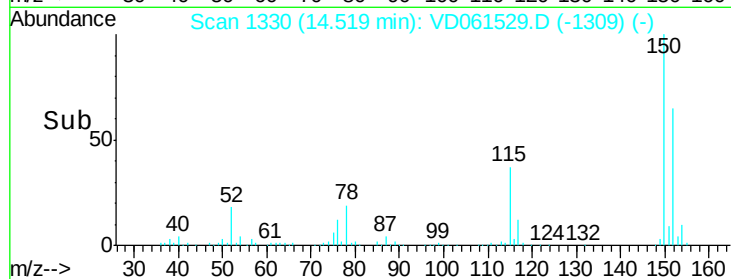
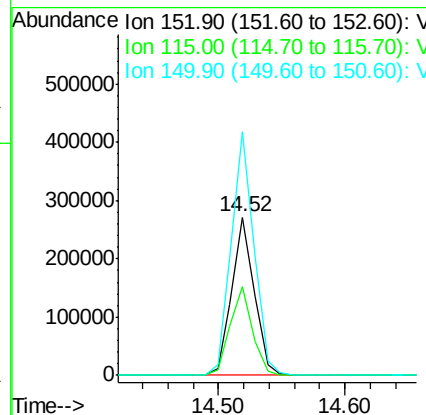
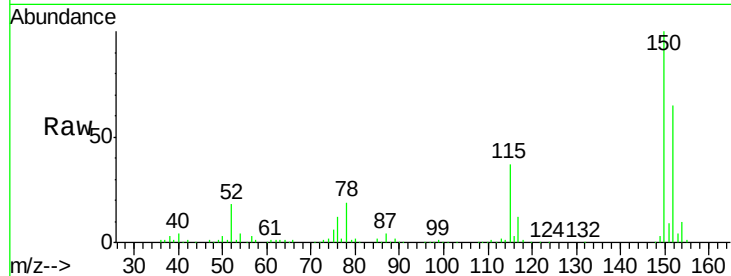


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Instrument :
MSVOA_D
ClientSampleId :

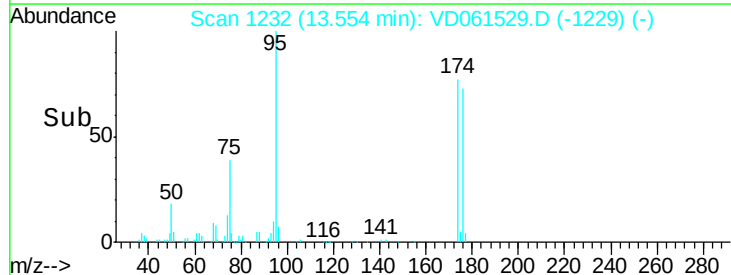
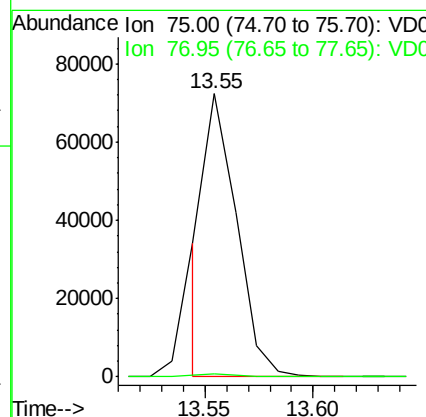
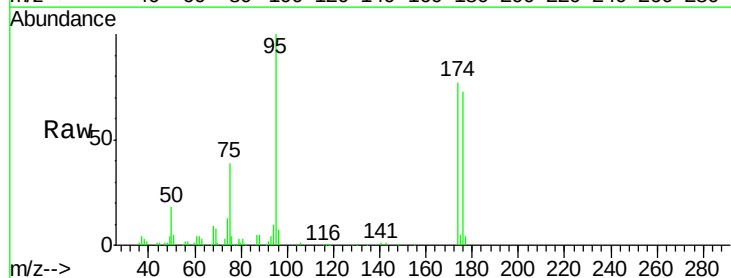
Tot Ion:152 Resp: 332930
Ion Ratio Lower Upper
152 100
115 56.2 26.9 80.6
150 153.9 0.0 318.0

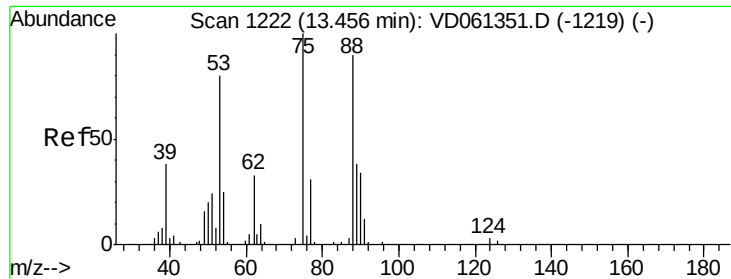


#76

1,2,3-Trichloropropane
Concen: 15.263 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.17 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Tgt Ion: 75 Resp: 73404
Ion Ratio Lower Upper
75 100
77 1.2 16.2 48.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 65.392 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.10 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampleId :

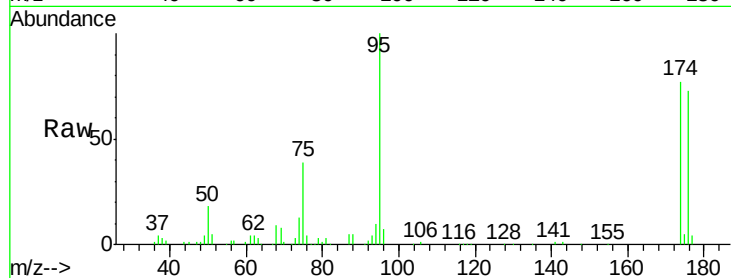
Tot Ion: 75 Resp: 95887

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

