

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031219\
 Data File : VD061026.D
 Acq On : 12 Mar 2019 16:09
 Operator : VA/AP
 Sample : K1824-03RE
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

Quant Time: Mar 13 04:08:40 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	612287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1021700	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	853018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	415221	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	223612	43.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.76%	
35) Dibromofluoromethane	6.91	113	361653	47.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.40%	
50) Toluene-d8	10.41	98	931030	48.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	13.55	95	327105	44.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.54%	

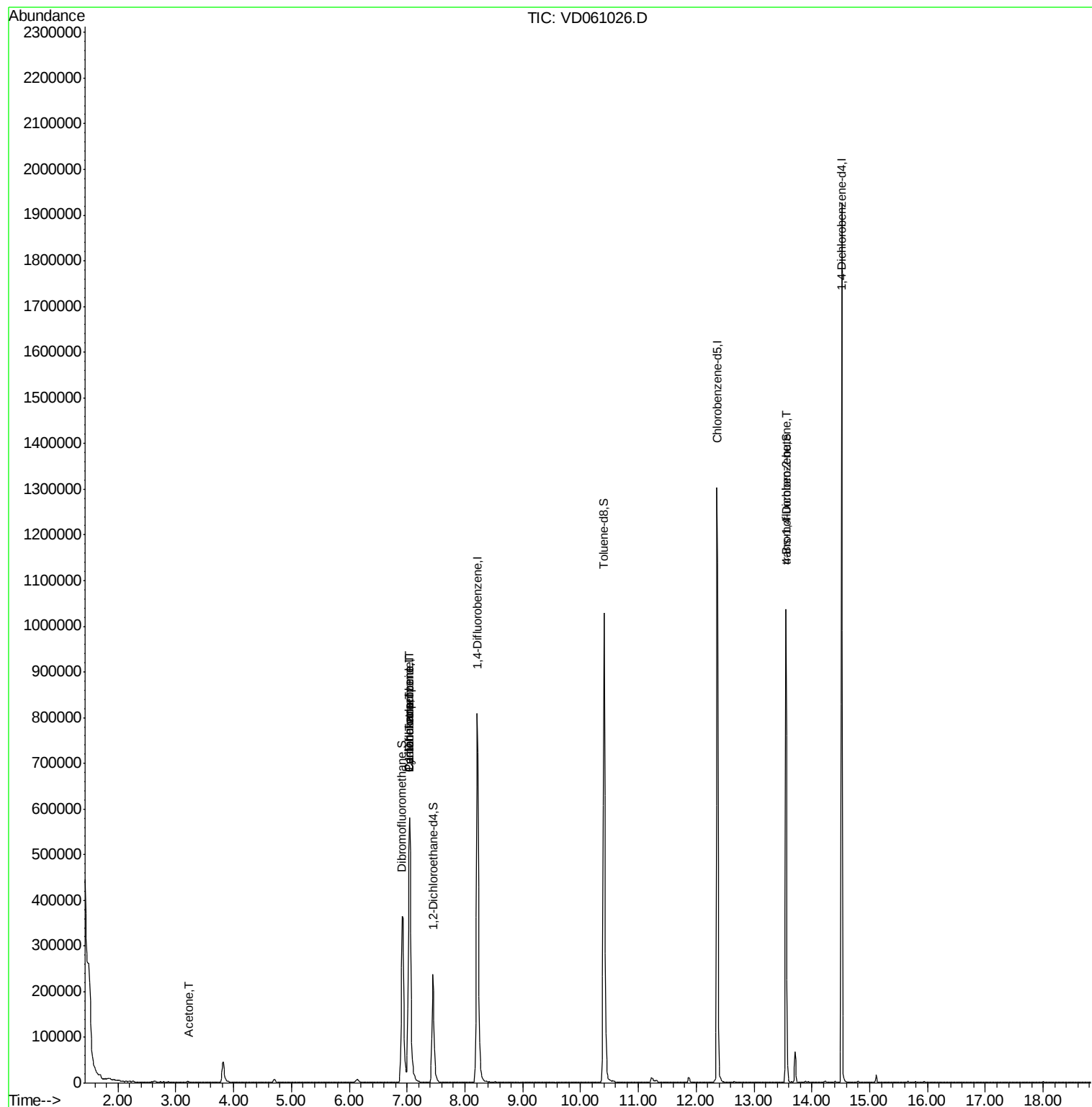
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	181	Below Cal	#	8
16) Acetone	3.22	43	2506	1.719	ug/l #	48
31) Cyclohexane	7.04	56	10492	1.163	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	43955	4.991	ug/l #	47
38) Carbon Tetrachloride	7.04	117	58635	6.044	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.55	75	120010	68.142	ug/l #	17

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

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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061026.D

Acq: 12 Mar 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

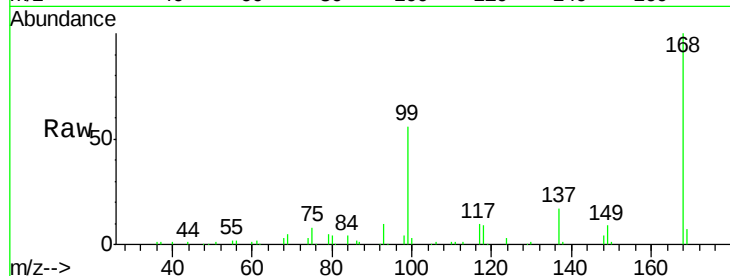
TP-25

Tot Ion:168 Resp: 612287

Ion Ratio Lower Upper

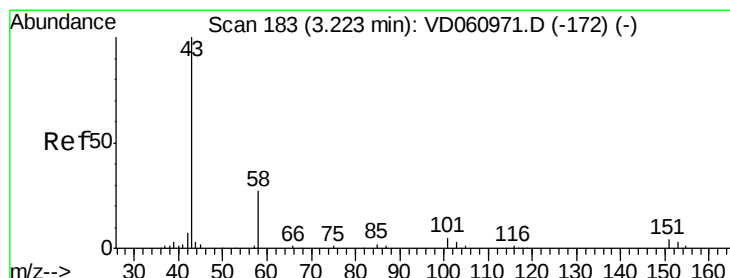
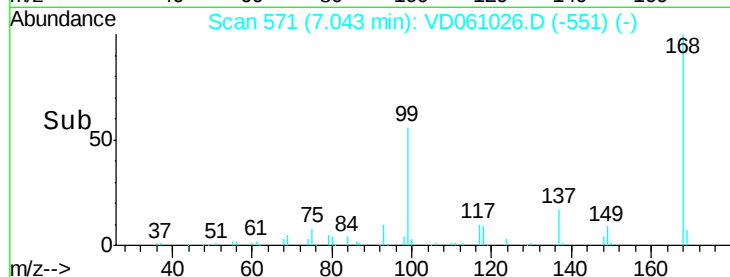
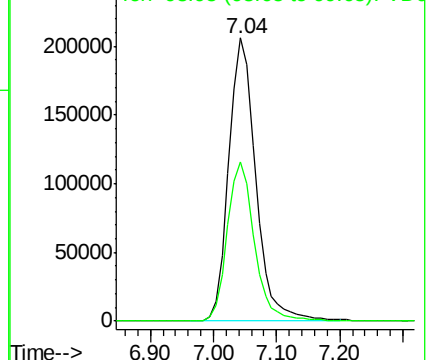
168 100

99 56.1 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 1.719 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD061026.D

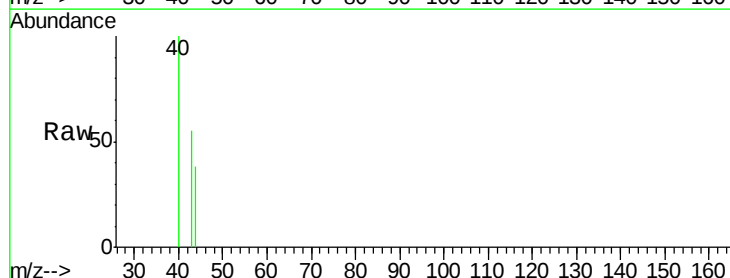
Acq: 12 Mar 2019 16:09

Tgt Ion: 43 Resp: 2506

Ion Ratio Lower Upper

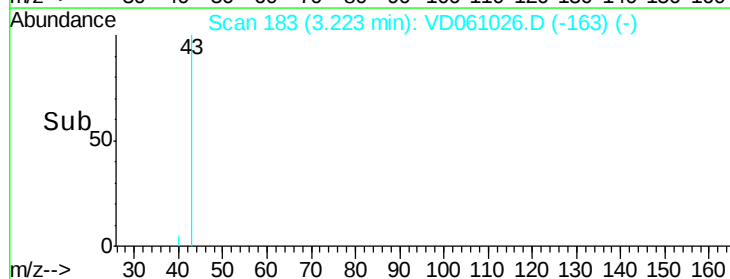
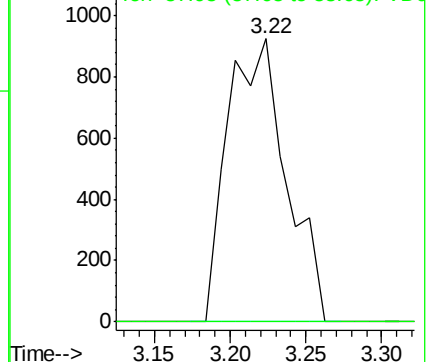
43 100

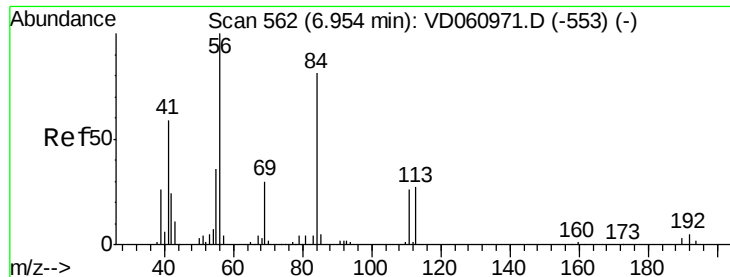
58 0.0 21.6 32.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

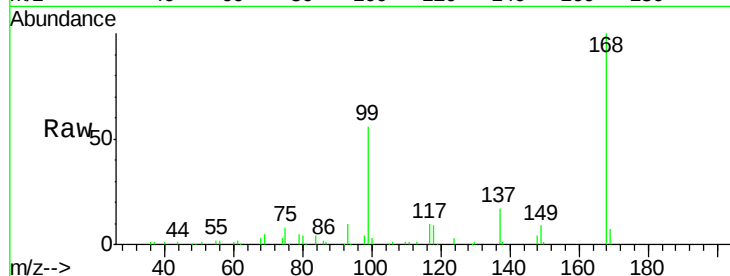




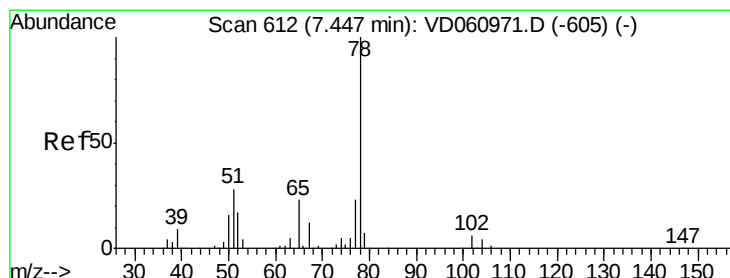
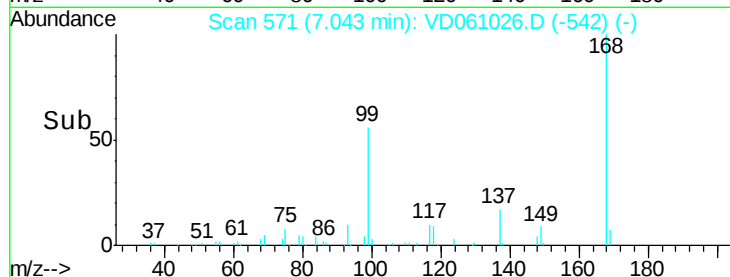
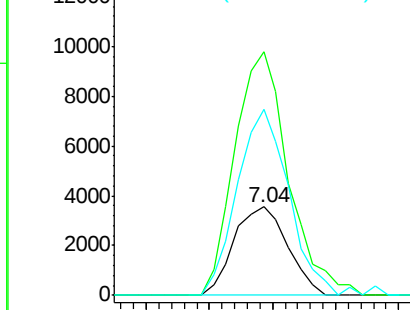
#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

Instrument :
MSVOA_D
ClientSampleId :
TP-25

Tot Ion: 56 Resp: 10492
Ion Ratio Lower Upper
56 100
69 275.1 24.0 36.0#
84 210.3 65.8 98.6#

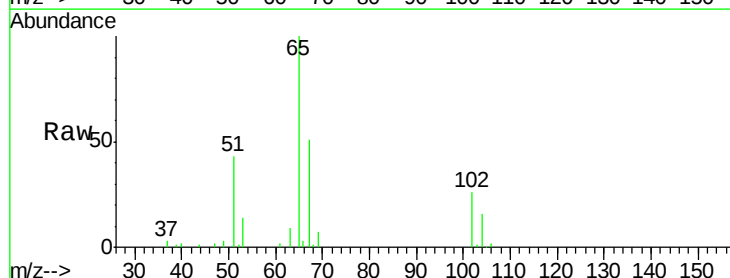


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

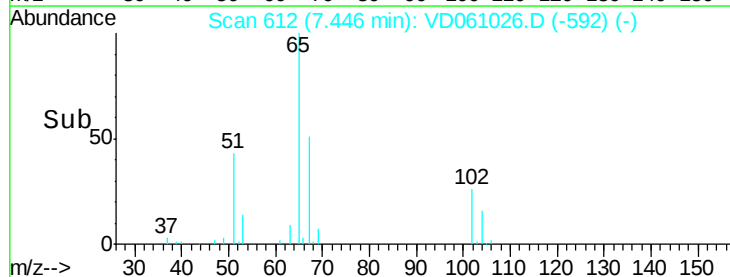
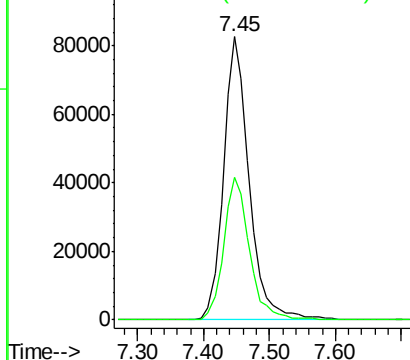


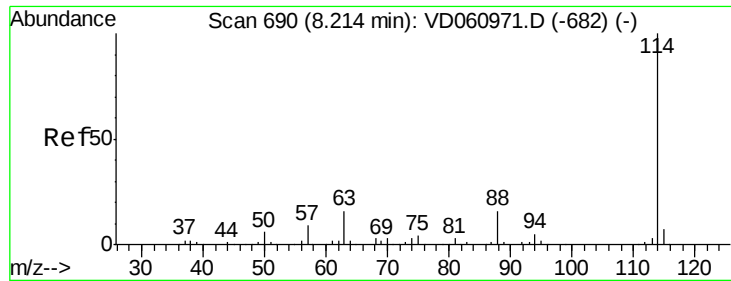
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

Tgt Ion: 65 Resp: 223612
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.2



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

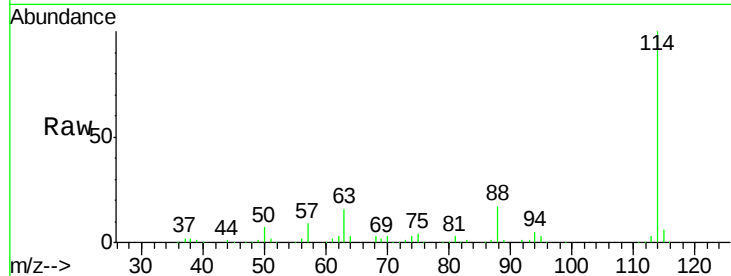




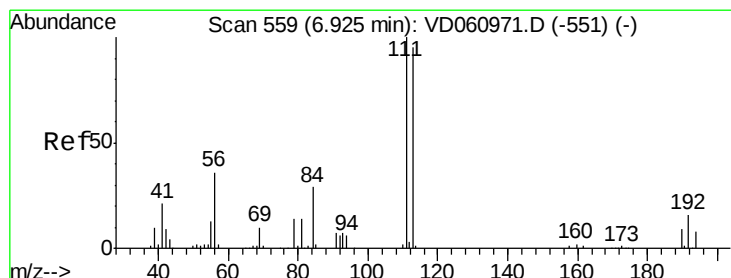
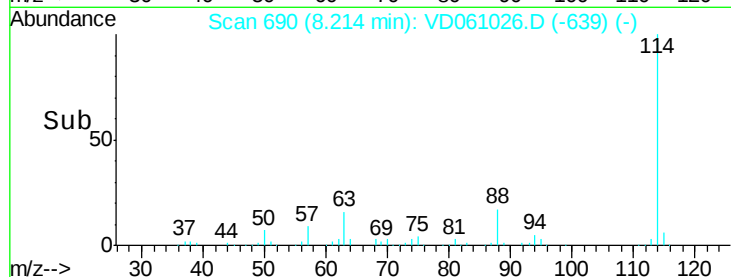
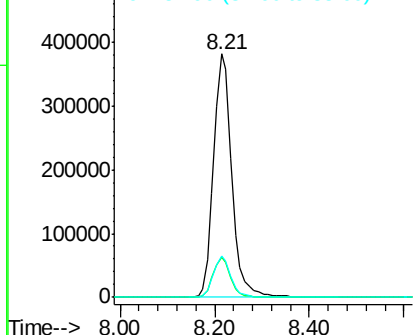
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061026.D
 Acq: 12 Mar 2019 16:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-25

Tot Ion:114 Resp: 1021700
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.4
 88 17.0 0.0 33.0

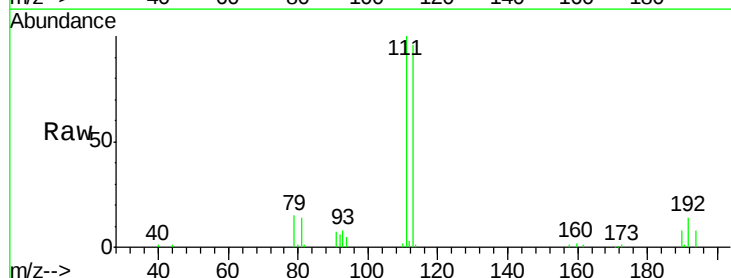


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

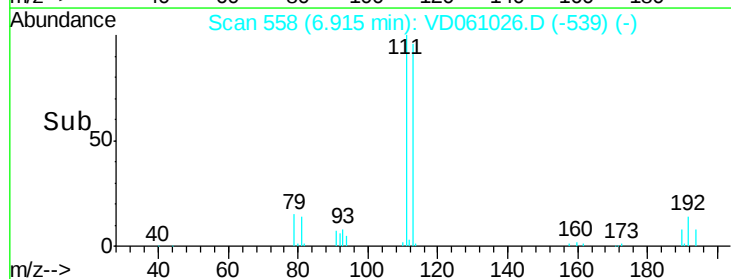
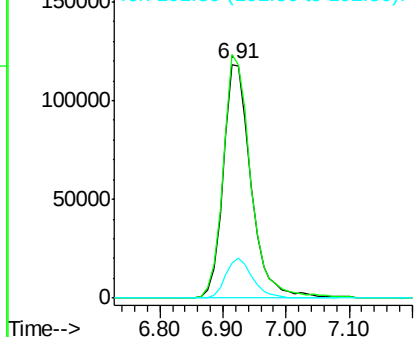


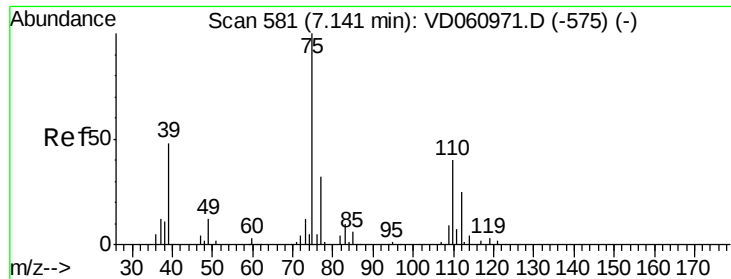
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061026.D
 Acq: 12 Mar 2019 16:09

Tgt Ion:113 Resp: 361653
 Ion Ratio Lower Upper
 113 100
 111 104.3 84.2 126.4
 192 15.1 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

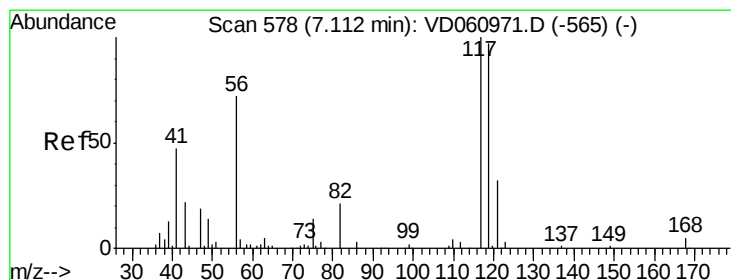
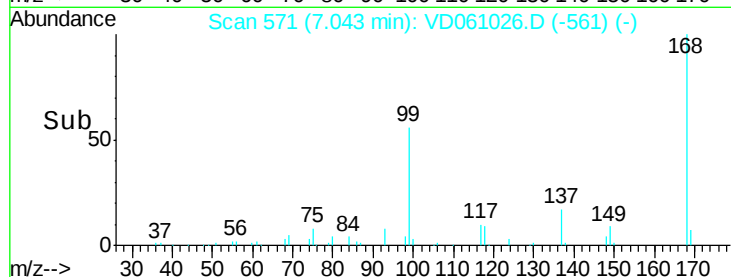
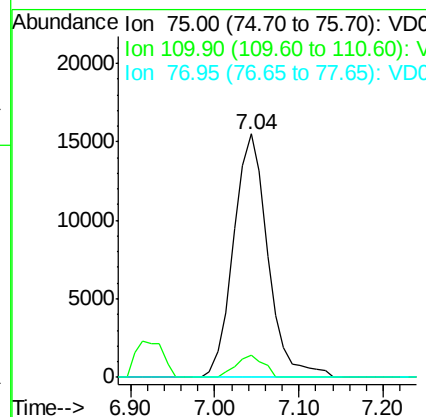
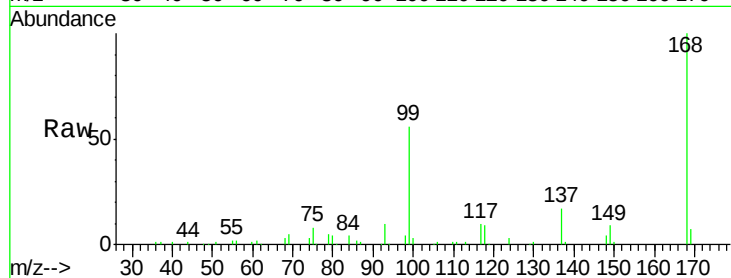




#36
 1,1-Dichloropropene
 Concen: 4.991 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061026.D
 Acq: 12 Mar 2019 16:09

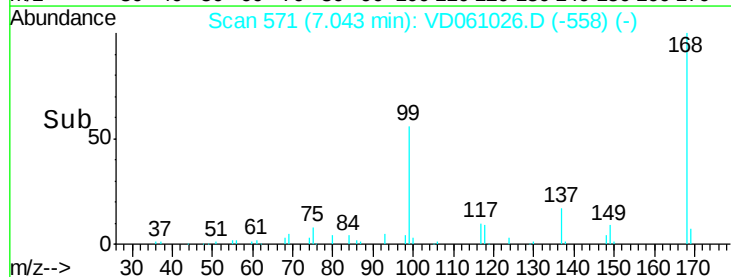
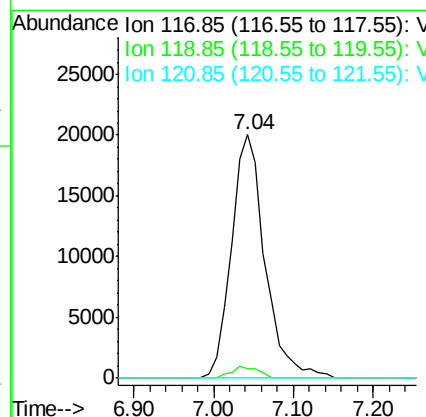
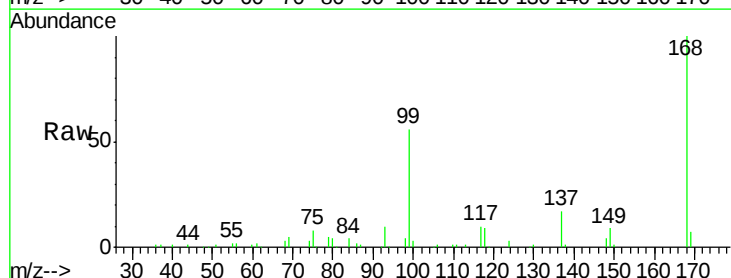
Instrument :
 MSVOA_D
 ClientSampled :
 TP-25

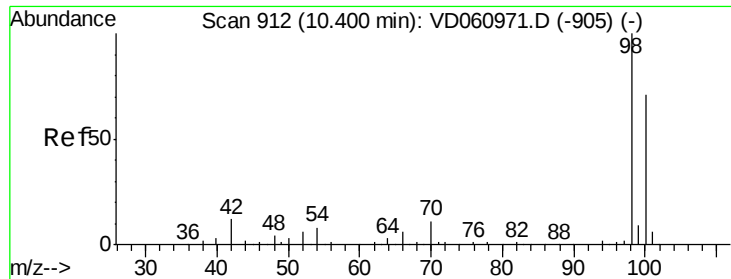
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.044 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.07 min
 Lab File: VD061026.D
 Acq: 12 Mar 2019 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	77.8	116.8#
121	0.0	25.3	37.9#

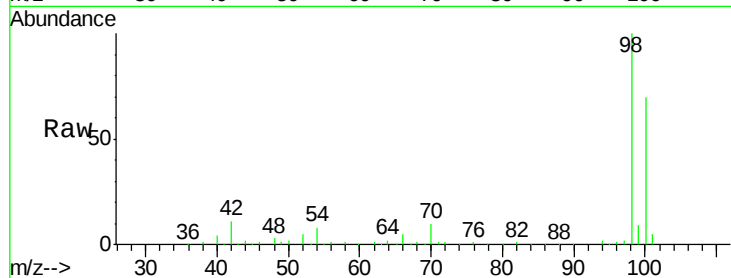




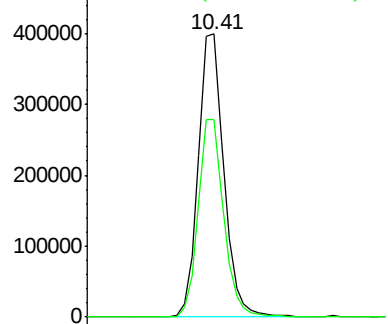
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

Instrument :
MSVOA_D
ClientSampleId :
TP-25

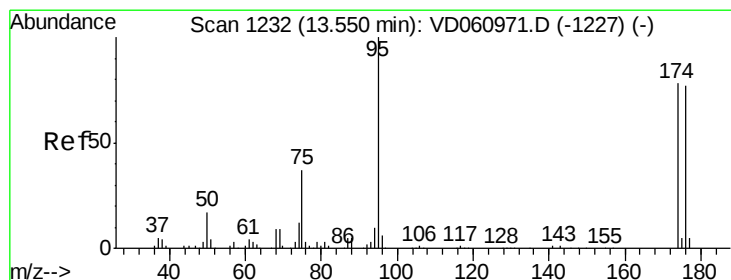
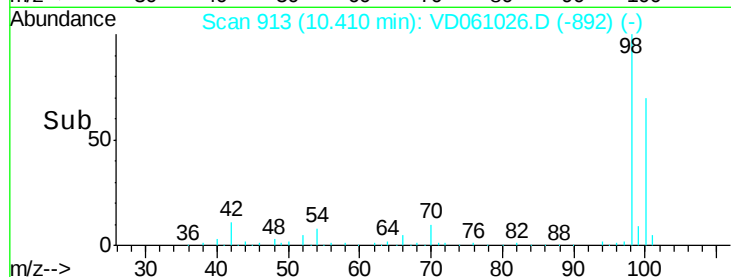
Tot Ion: 98 Resp: 931030
Ion Ratio Lower Upper
98 100
100 69.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

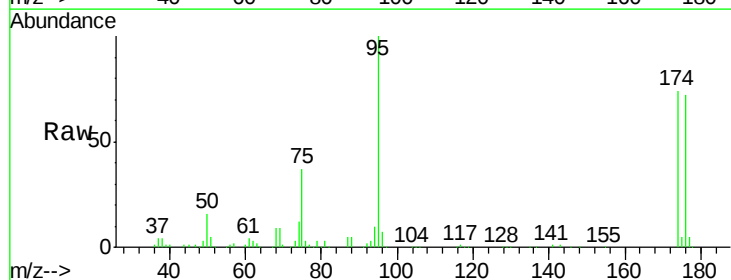


Time-->

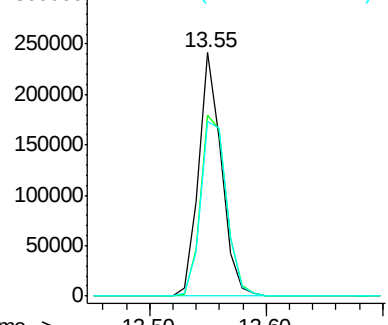


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

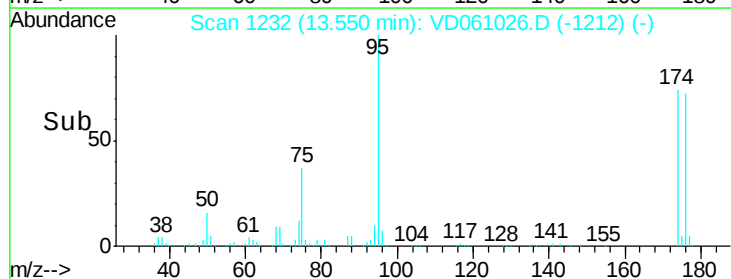
Tgt Ion: 95 Resp: 327105
Ion Ratio Lower Upper
95 100
174 74.4 0.0 155.6
176 71.9 0.0 153.8

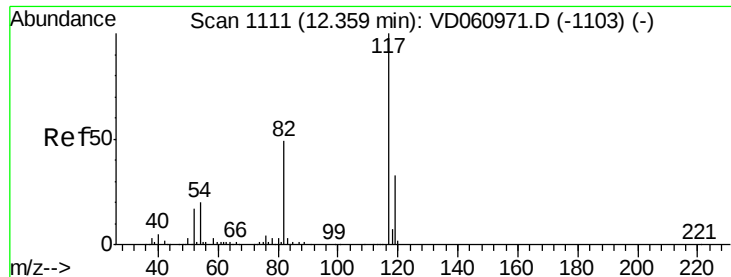


Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



Time-->

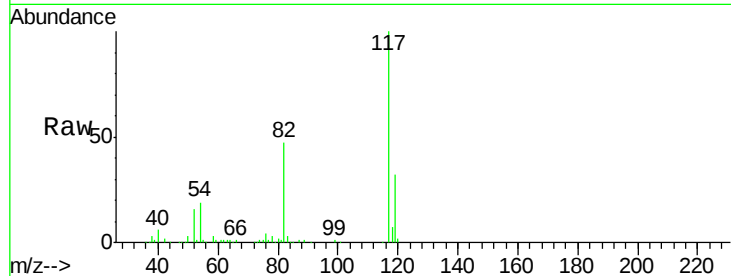




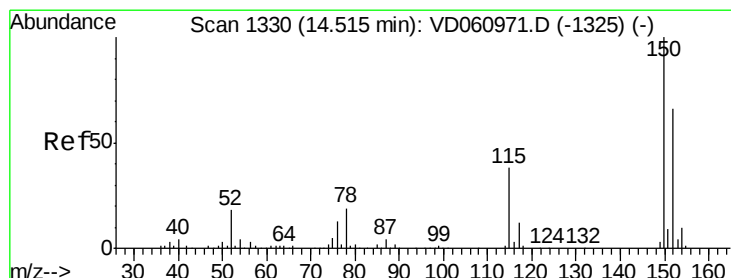
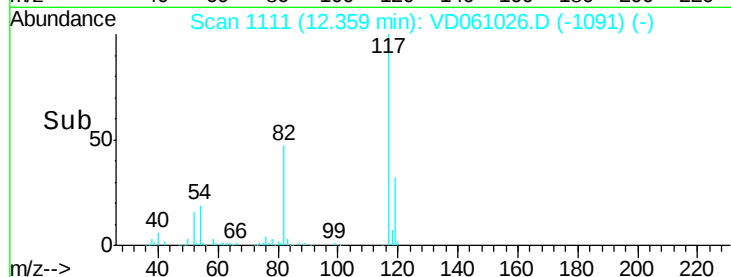
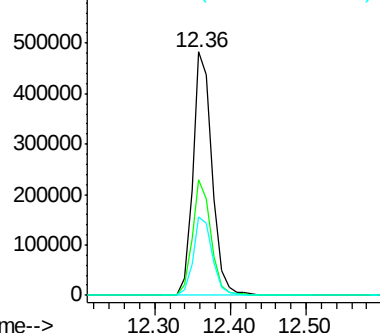
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

Instrument :
MSVOA_D
ClientSampleId :
TP-25

Tot Ion:117 Resp: 853018
Ion Ratio Lower Upper
117 100
82 47.5 38.9 58.3
119 32.3 26.6 39.8

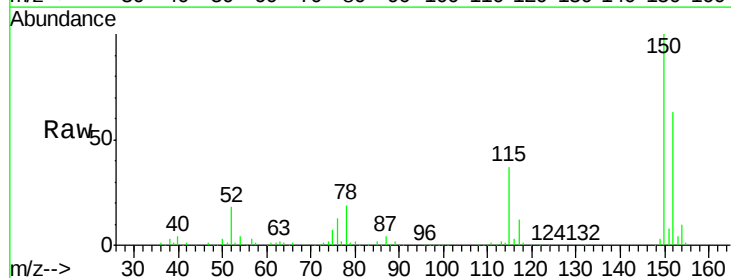


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

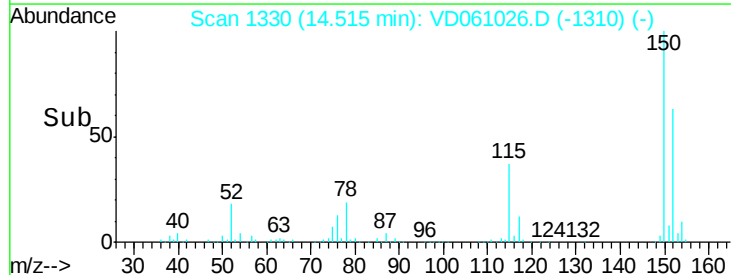
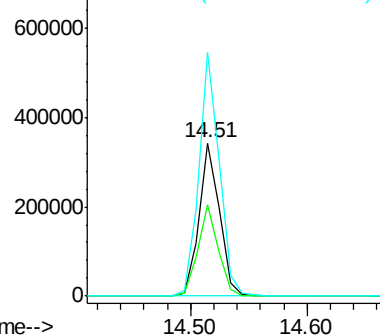


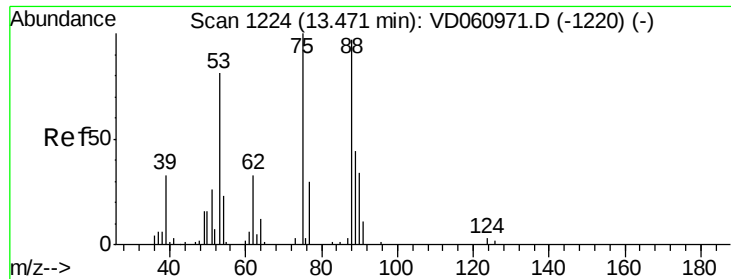
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061026.D
Acq: 12 Mar 2019 16:09

Tgt Ion:152 Resp: 415221
Ion Ratio Lower Upper
152 100
115 59.7 28.6 85.9
150 159.4 0.0 310.6



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: 68.142 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061026.D

Acq: 12 Mar 2019 16:09

Instrument :

MSVOA_D

ClientSampleId :

TP-25

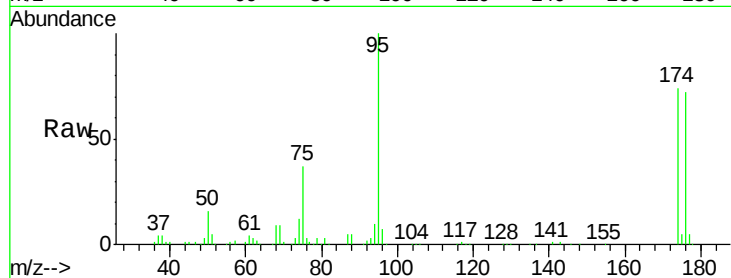
Tot Ion: 75 Resp: 120010

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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

