

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062045.D
 Acq On : 25 Apr 2019 18:22
 Operator : VA/AP
 Sample : K2553-01
 Misc : 5.51a/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 26 01:44:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

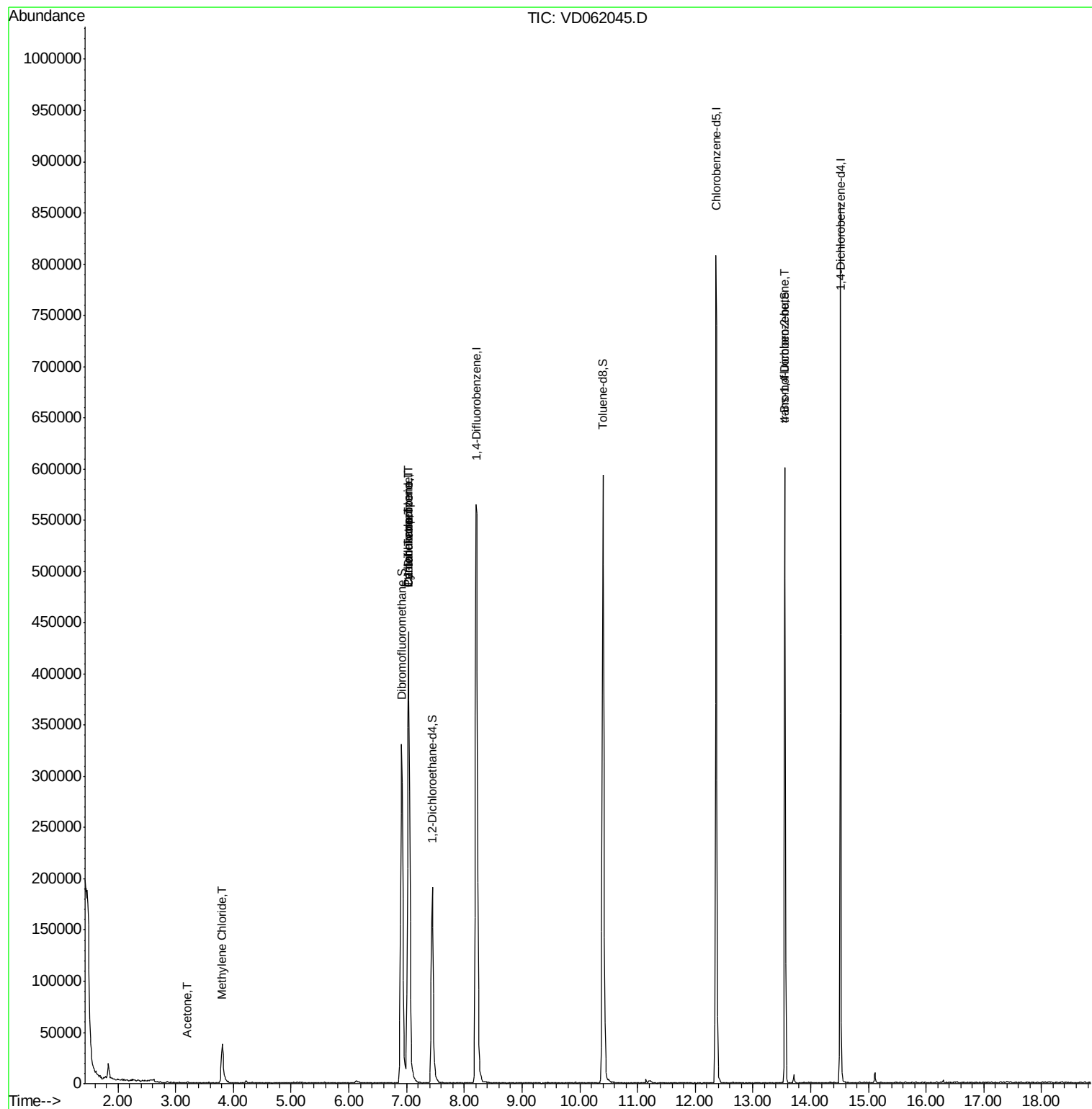
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	437868	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	690895	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	513965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	183897	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	191576	55.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.80%	
35) Dibromofluoromethane	6.91	113	289188	60.52	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	121.04%	
50) Toluene-d8	10.40	98	514949	45.29	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	90.58%	
62) 4-Bromofluorobenzene	13.55	95	184026	40.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.70%	
Target Compounds						
					Qvalue	
16) Acetone	3.20	43	991	1.211	ug/l #	50
20) Methylene Chloride	3.81	84	29594	4.529	ug/l	88
31) Cyclohexane	7.04	56	7785	1.525	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	33459	6.216	ug/l #	47
38) Carbon Tetrachloride	7.03	117	41896	6.142	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	73294	103.572	ug/l #	16

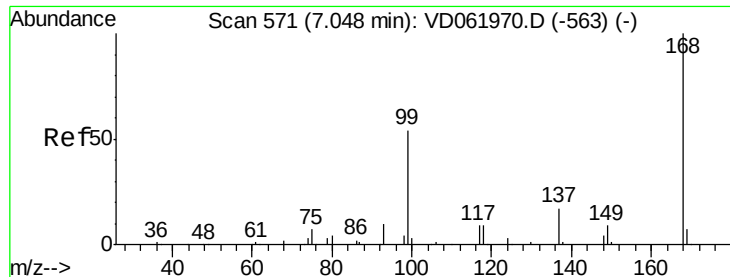
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042519\
Data File : VD062045.D
Acq On : 25 Apr 2019 18:22
Operator : VA/AP
Sample : K2553-01
Misc : 5.51g/5ml/MSVOA D/SOIL
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Quant Time: Apr 26 01:44:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 14:52:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.02 min

Lab File: VD062045.D

Acq: 25 Apr 2019 18:22

Instrument :

MSVOA_D

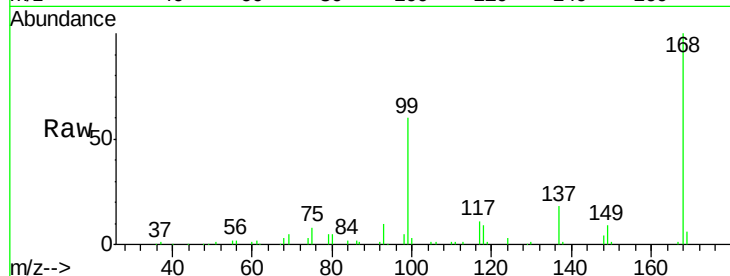
ClientSampleId :

Tot Ion:168 Resp: 437868

Ion Ratio Lower Upper

168 100

99 60.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

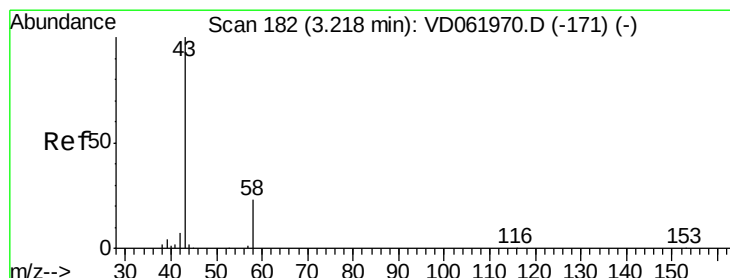
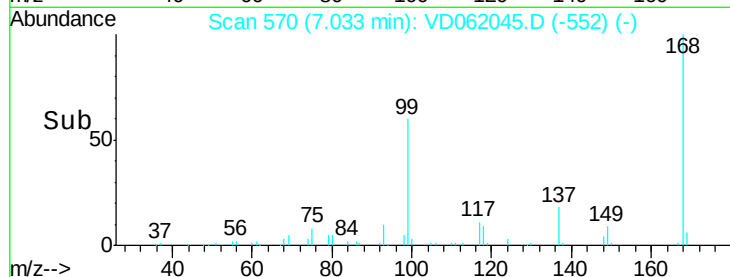
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.211 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD062045.D

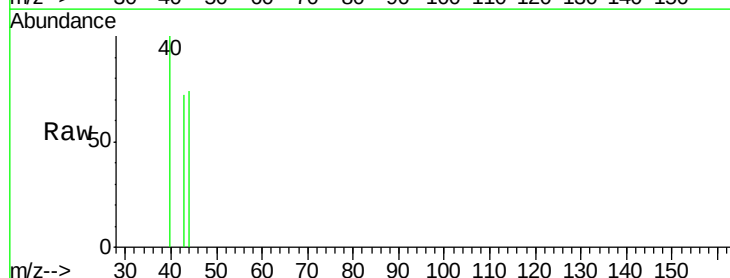
Acq: 25 Apr 2019 18:22

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

600

500

400

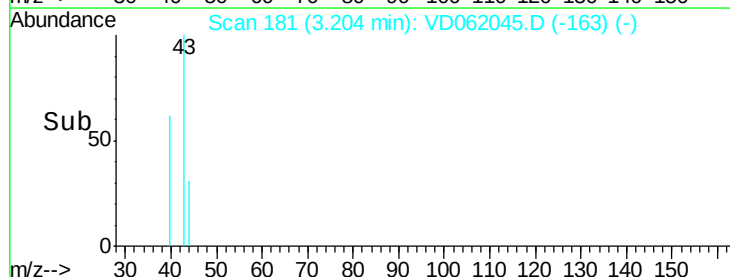
300

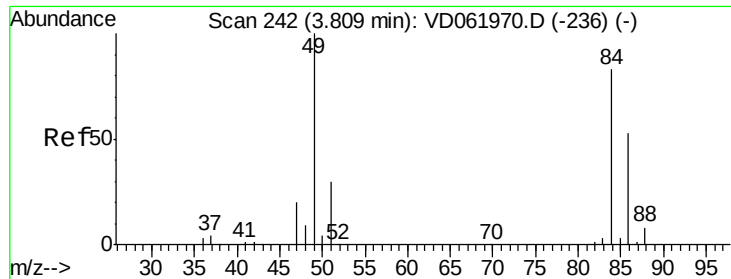
200

100

0

Time-->

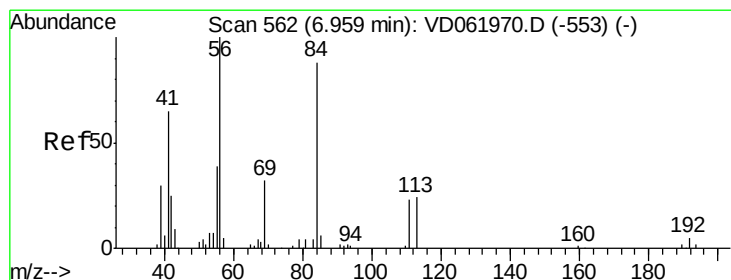
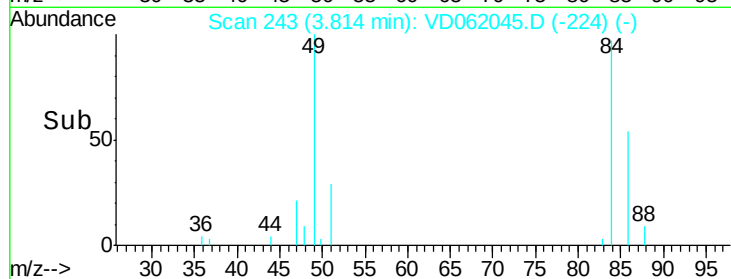
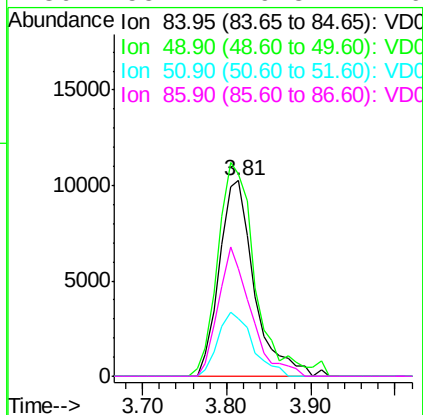
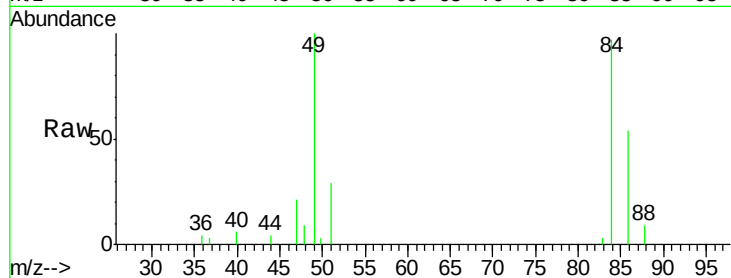




#20
Methylene Chloride
Concen: 4.529 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

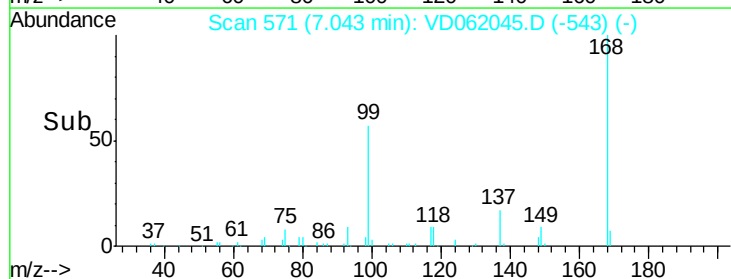
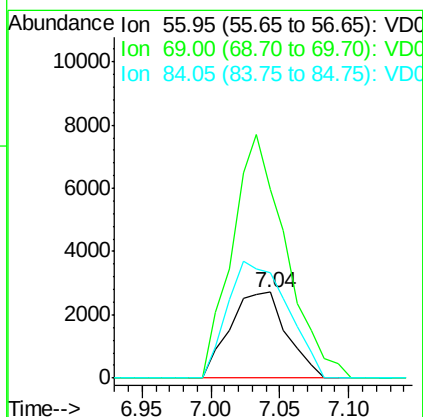
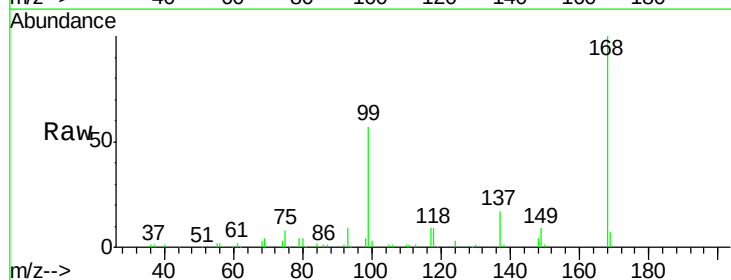
Instrument :
MSVOA_D
ClientSampleId :

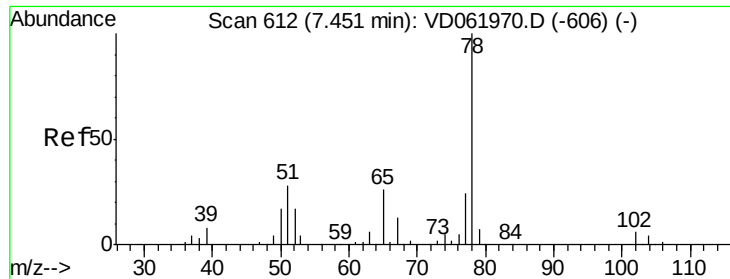
Tot Ion: 84 Resp: 29594
Ion Ratio Lower Upper
84 100
49 103.2 94.0 141.0
51 29.8 29.0 43.4
86 55.2 49.8 74.6



#31
Cyclohexane
Concen: 1.525 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.08 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

Tgt Ion: 56 Resp: 7785
Ion Ratio Lower Upper
56 100
69 218.9 25.8 38.6#
84 122.5 72.2 108.4#

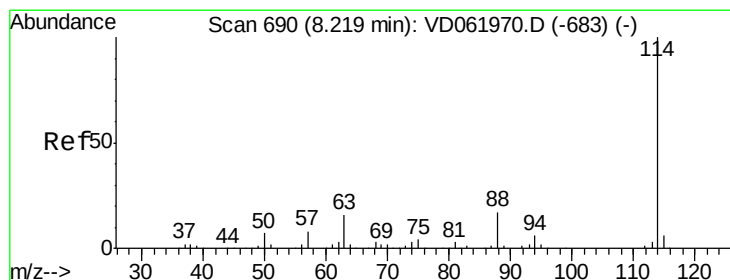
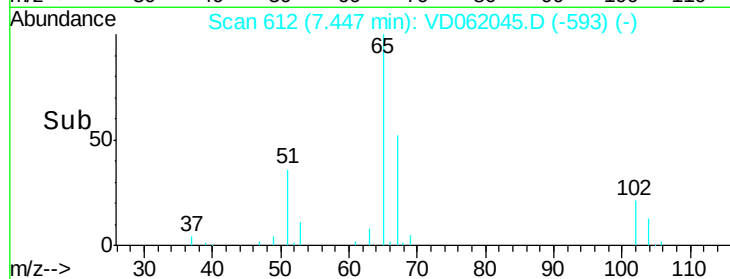
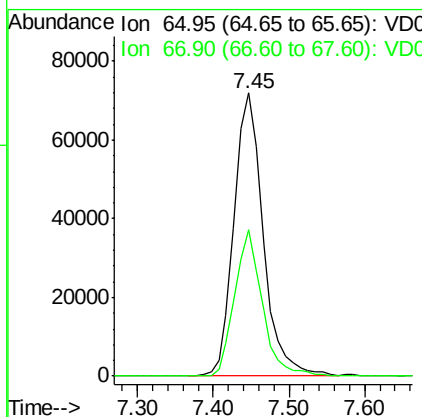
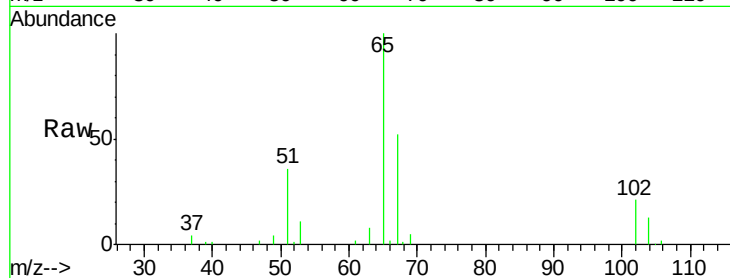




#33
 1,2-Dichloroethane-d4
 Concen: 55.902 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062045.D
 Acq: 25 Apr 2019 18:22

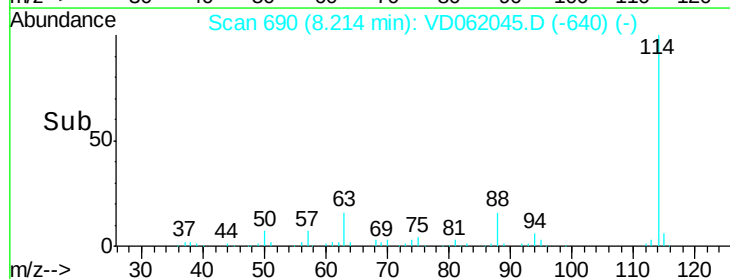
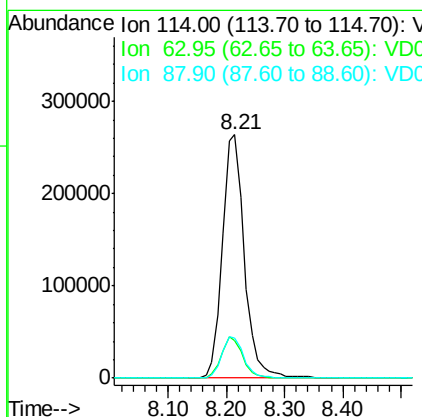
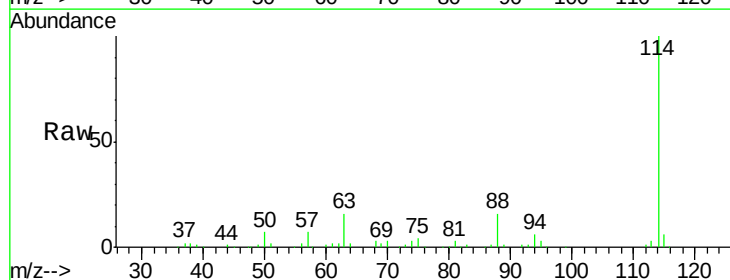
Instrument :
 MSVOA_D
 ClientSampleId :

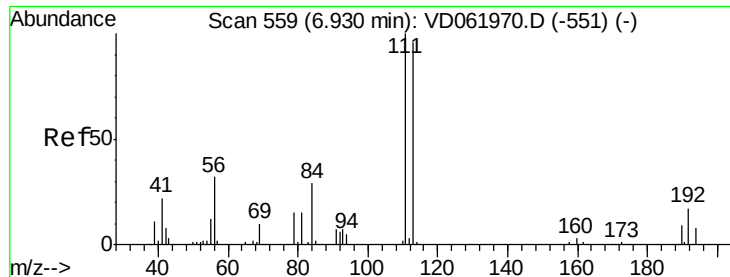
Tot Ion: 65 Resp: 191576
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062045.D
 Acq: 25 Apr 2019 18:22

Tgt Ion: 114 Resp: 690895
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 32.4
 88 16.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 60.522 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD062045.D

Acq: 25 Apr 2019 18:22

Instrument :

MSVOA_D

ClientSampleId :

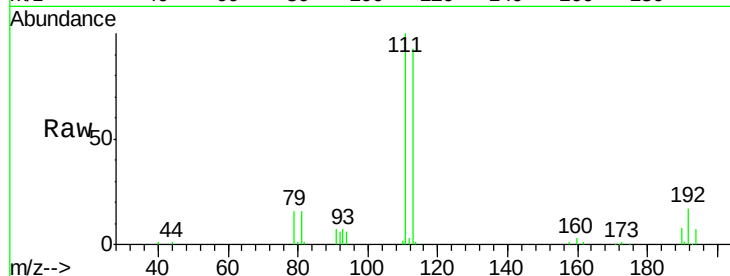
Tot Ion:113 Resp: 289188

Ion Ratio Lower Upper

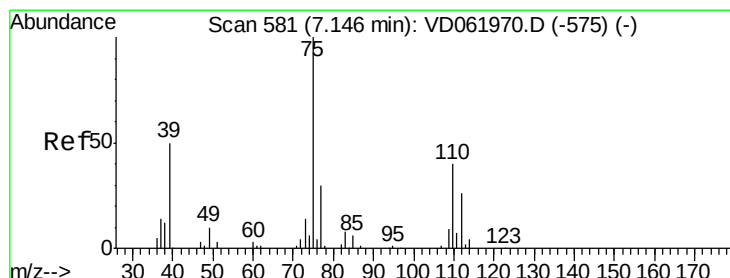
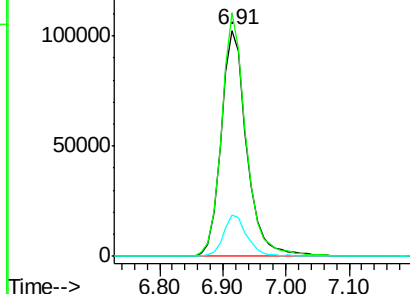
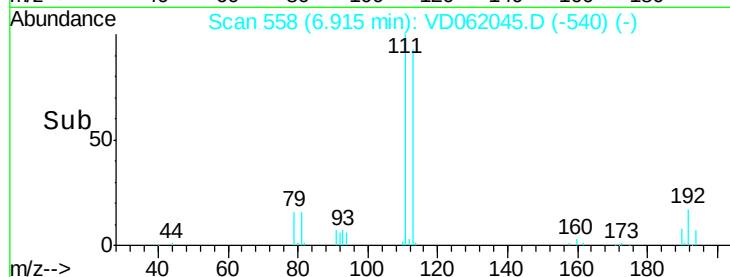
113 100

111 107.8 78.5 117.7

192 18.1 13.0 19.4



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: 6.216 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.12 min

Lab File: VD062045.D

Acq: 25 Apr 2019 18:22

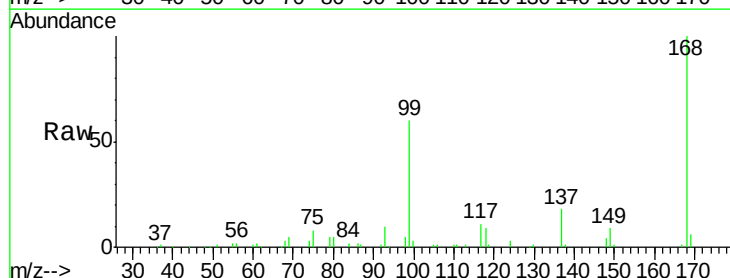
Tgt Ion: 75 Resp: 33459

Ion Ratio Lower Upper

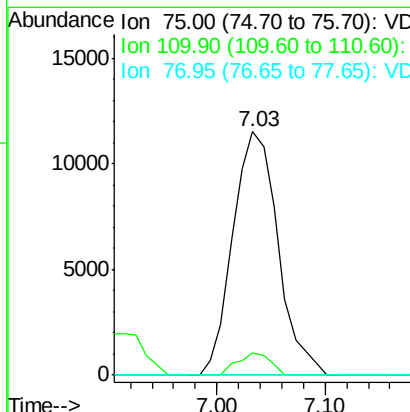
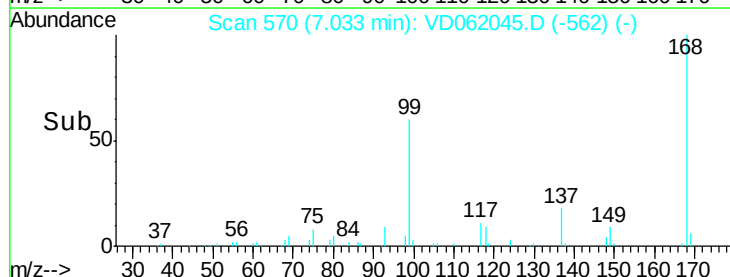
75 100

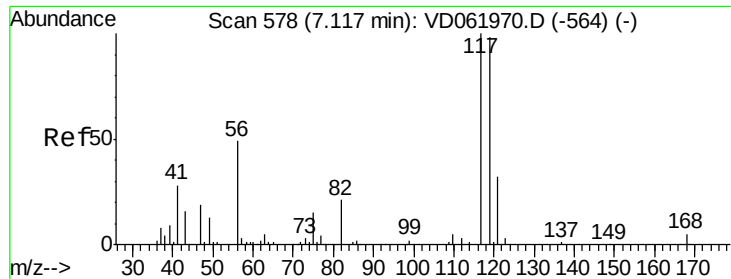
110 8.8 19.1 57.1#

77 0.0 25.6 38.4#



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

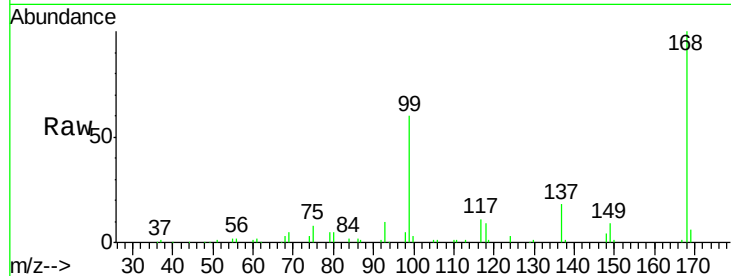




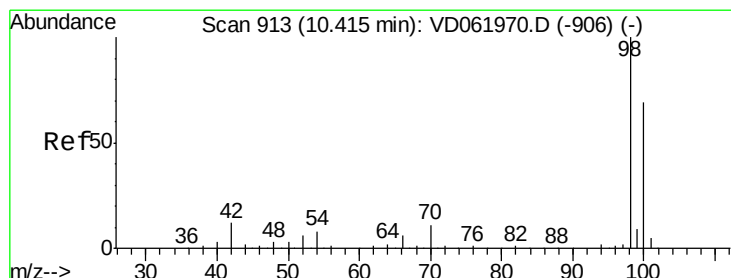
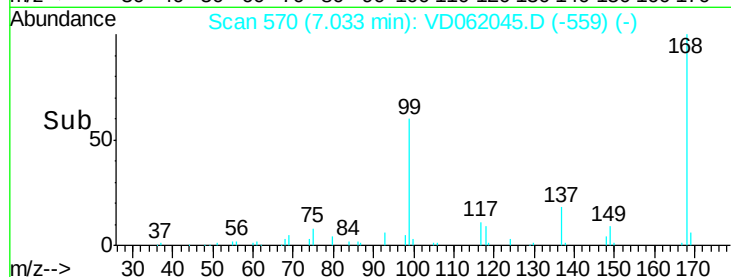
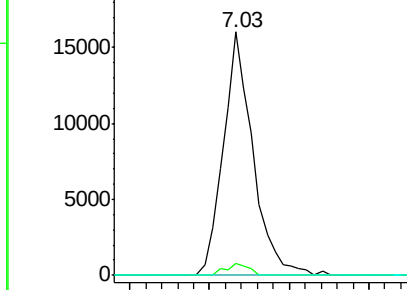
#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.09 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 41896
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.9 38.9#

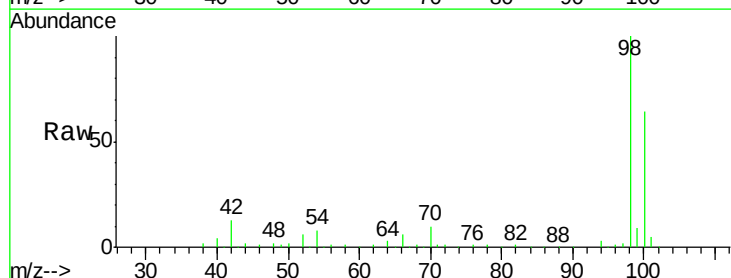


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

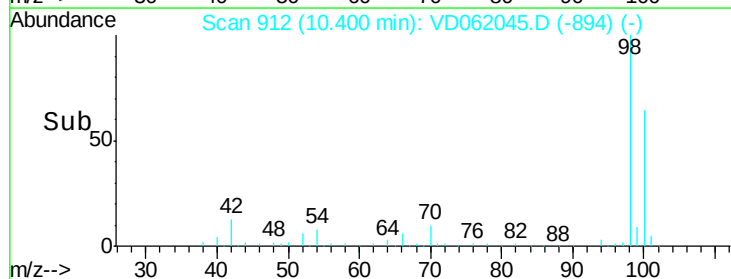
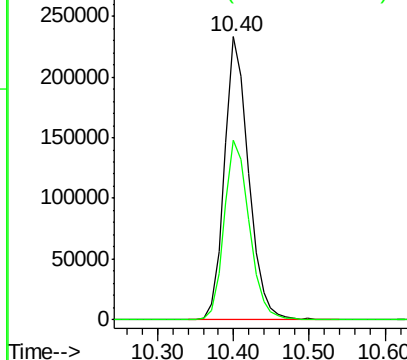


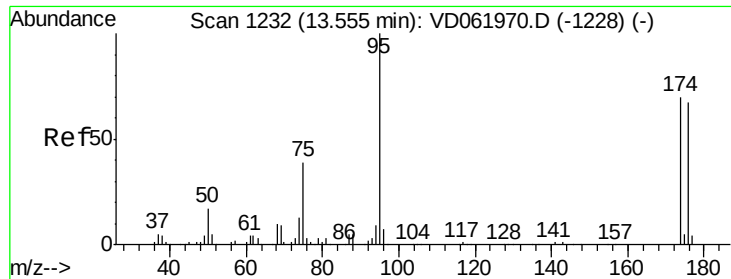
#50
Toluene-d8
Concen: 45.291 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

Tgt Ion: 98 Resp: 514949
Ion Ratio Lower Upper
98 100
100 63.6 53.8 80.8



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

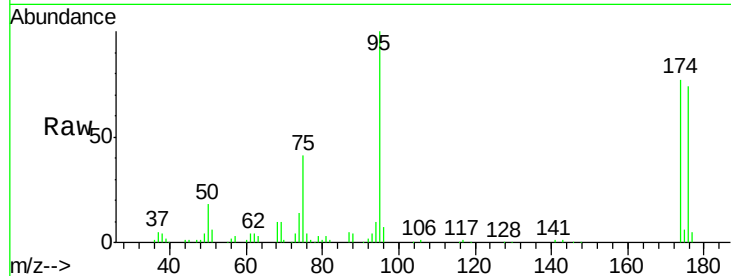




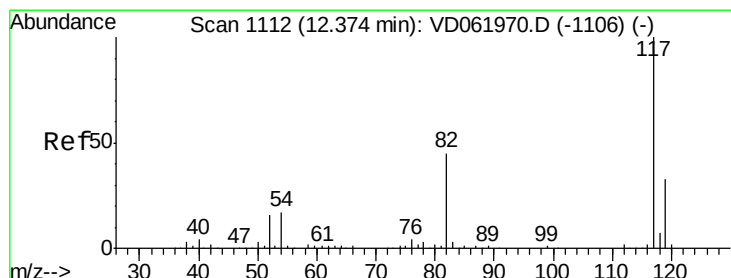
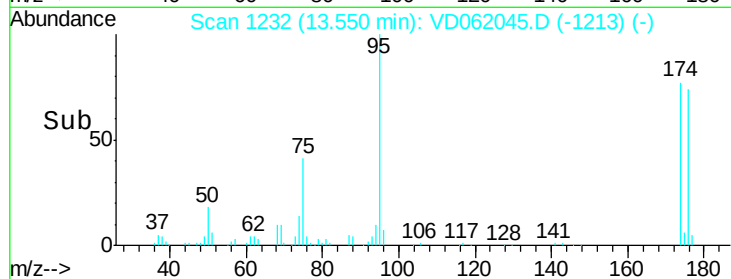
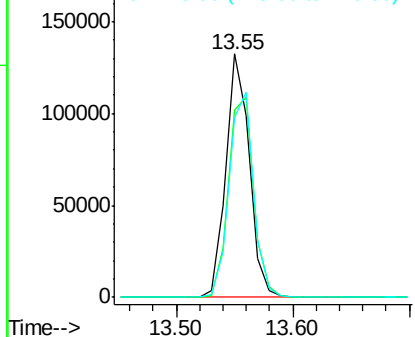
#62
4-Bromofluorobenzene
Concen: 40.354 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 184026
Ion Ratio Lower Upper
95 100
174 76.8 0.0 181.8
176 73.9 0.0 174.4

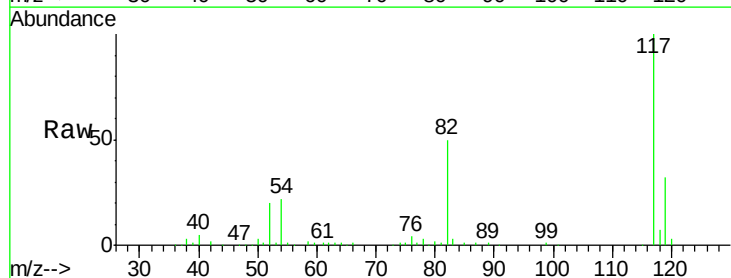


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

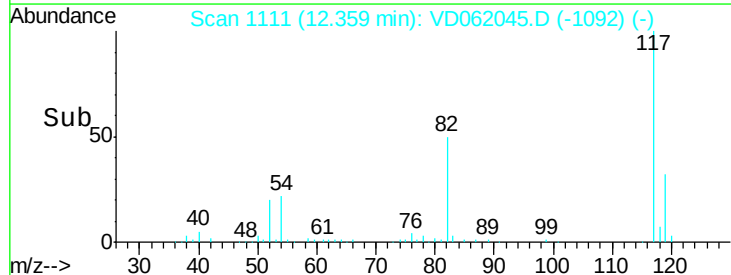
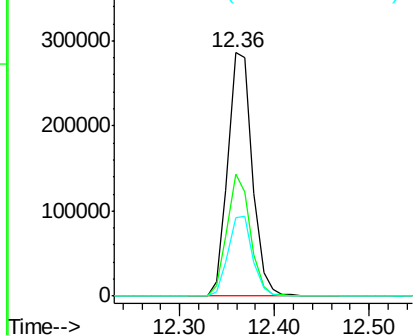


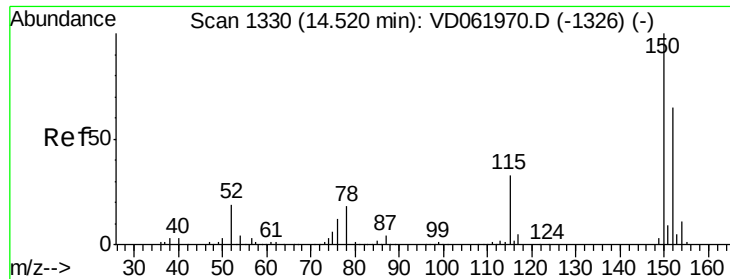
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062045.D
Acq: 25 Apr 2019 18:22

Tgt Ion: 117 Resp: 513965
Ion Ratio Lower Upper
117 100
82 50.1 36.2 54.2
119 32.1 26.2 39.4



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

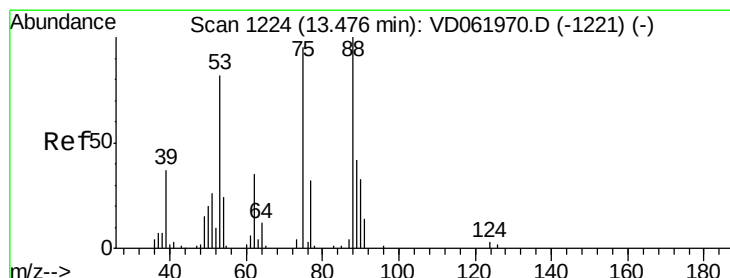
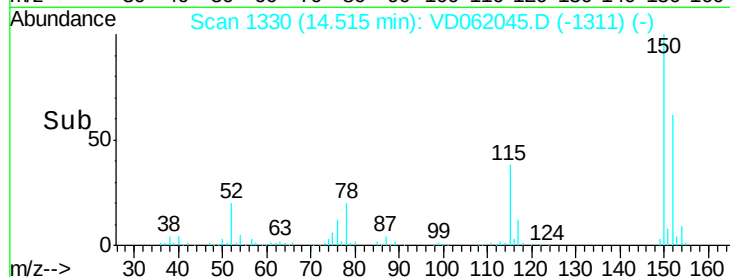
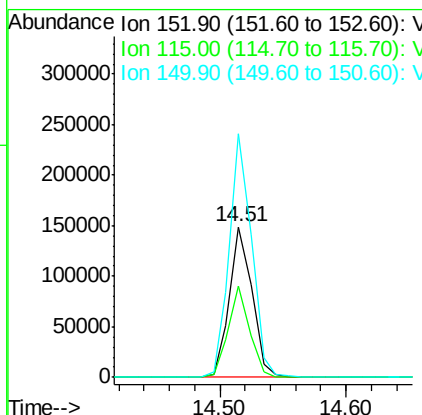
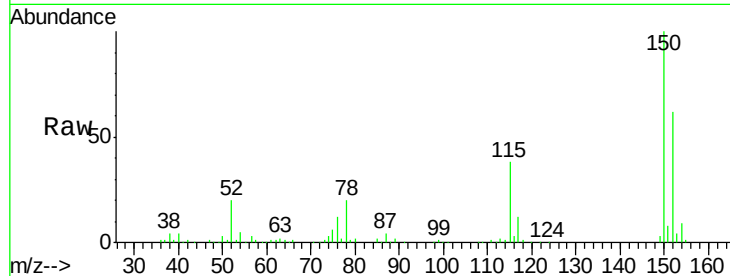




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD062045.D
 Acq: 25 Apr 2019 18:22

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:152 Resp: 183897
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.9 92.7
 150 161.5 0.0 314.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.572 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. 0.07 min
 Lab File: VD062045.D
 Acq: 25 Apr 2019 18:22

Tgt Ion: 75 Resp: 73294
 Ion Ratio Lower Upper
 75 100
 53 0.0 65.8 98.8#
 89 0.0 35.0 52.6#

