

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061624.D
 Acq On : 5 Apr 2019 16:45
 Operator : VA/AP
 Sample : K2257-17RE
 Misc : 4.36g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 06 00:27:27 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

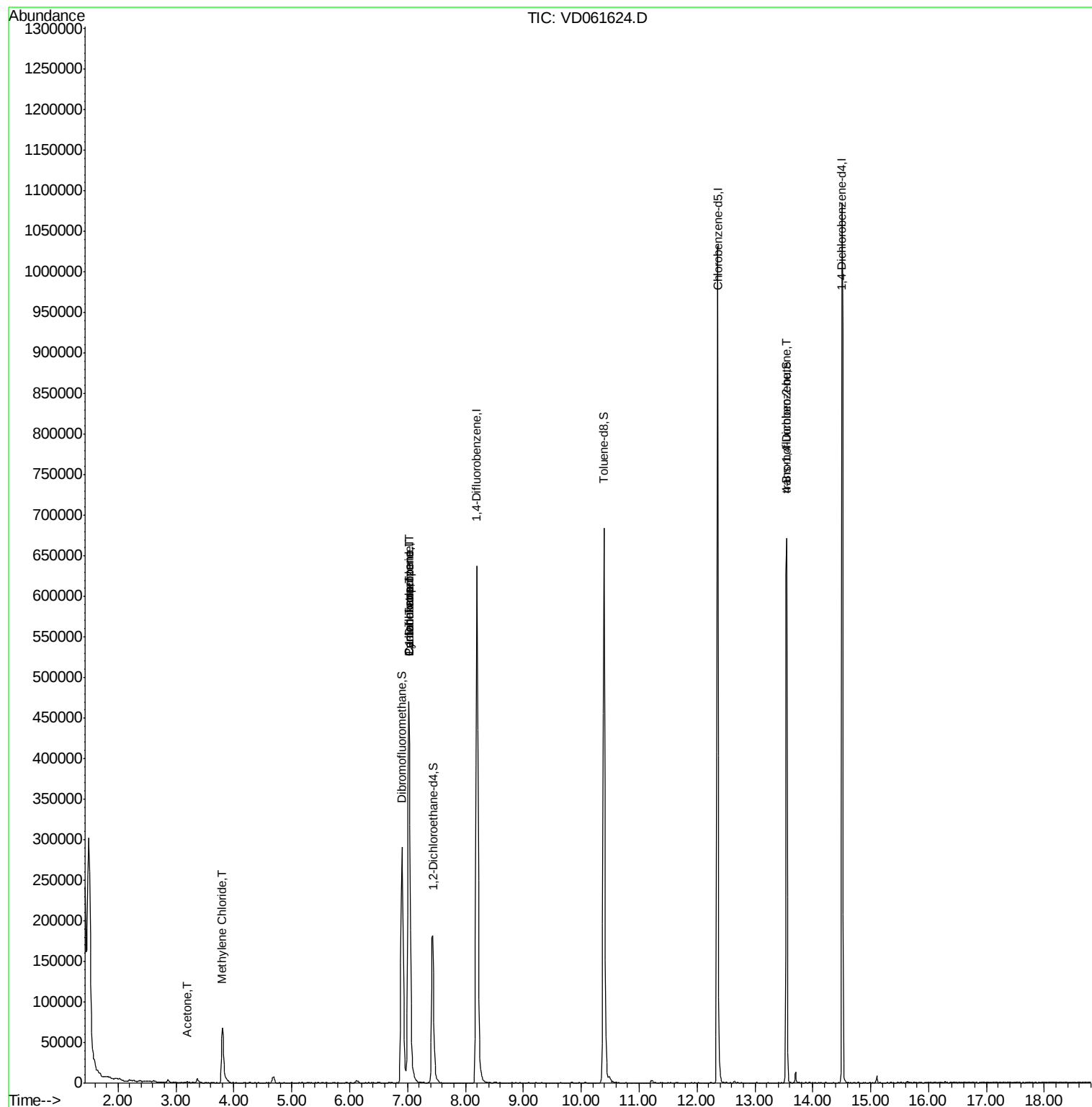
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	490434	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	808286	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	668486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	271546	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	184122	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
35) Dibromofluoromethane	6.90	113	286249	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.39	98	612674	41.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.72%	
62) 4-Bromofluorobenzene	13.54	95	229105	40.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.66%	
Target Compounds						
					Qvalue	
16) Acetone	3.20	43	3015	2.800	ug/l #	48
20) Methylene Chloride	3.80	84	48178	6.308	ug/l	89
31) Cyclohexane	7.02	56	7893	1.094	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	34871	4.943	ug/l #	47
38) Carbon Tetrachloride	7.02	117	45751	5.644	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.54	75	85112	71.165	ug/l #	18

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

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Quant Time: Apr 06 00:27:27 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: 7.02 min Scan# 569

Delta R.T. 0.00 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

Instrument :

MSVOA_D

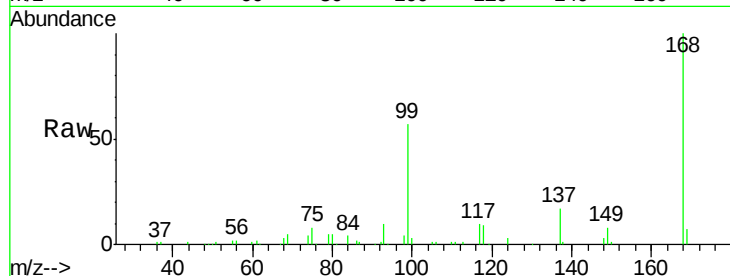
ClientSampled :

Tot Ion:168 Resp: 490434

Ion Ratio Lower Upper

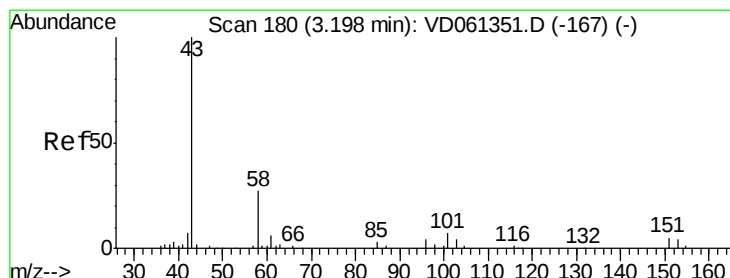
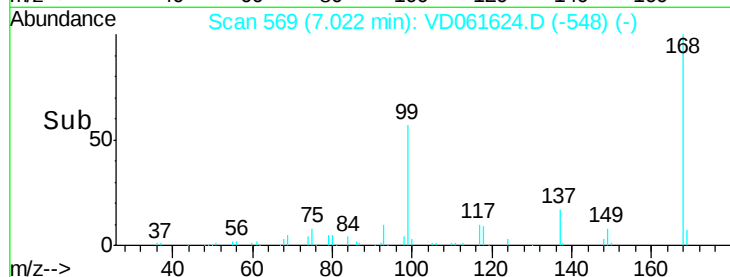
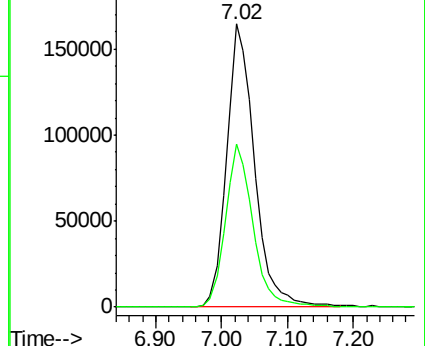
168 100

99 57.4 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: 2.800 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.00 min

Lab File: VD061624.D

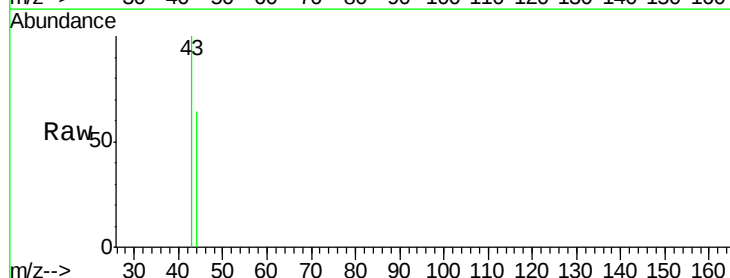
Acq: 5 Apr 2019 16:45

Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

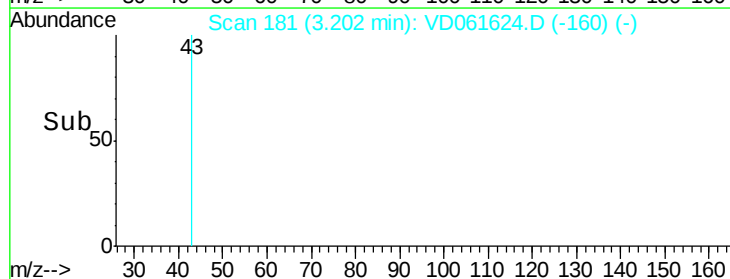
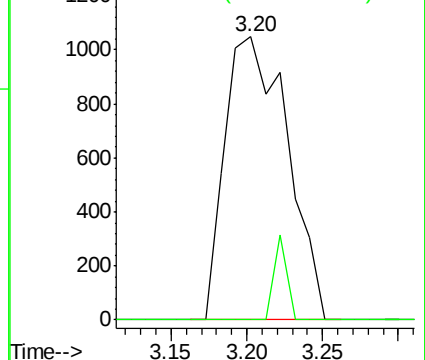
43 100

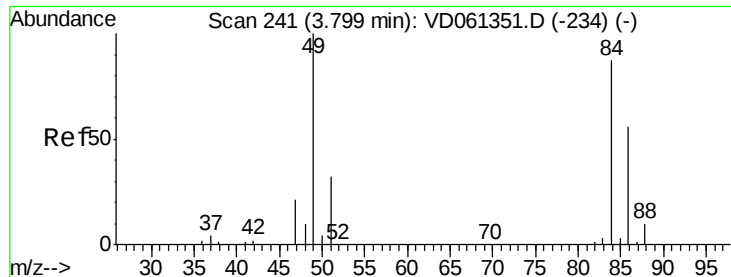
58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

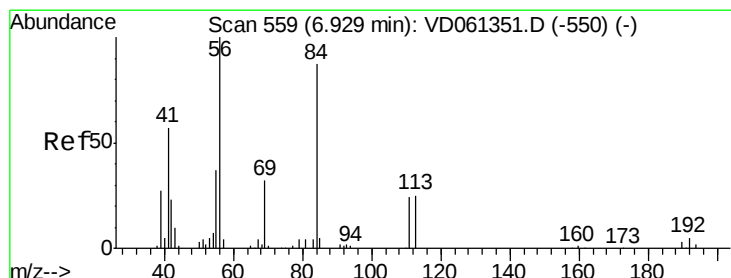
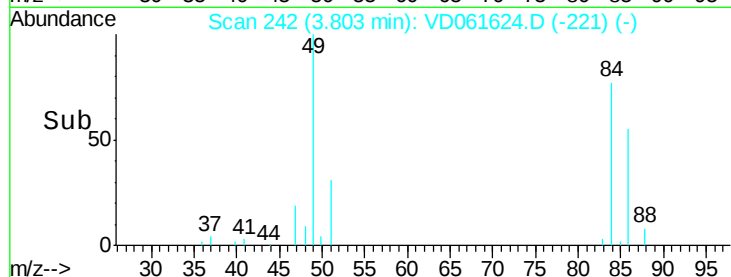
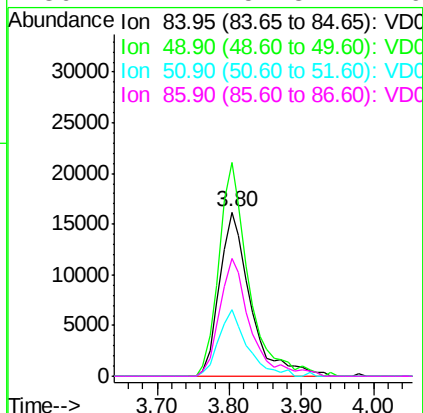
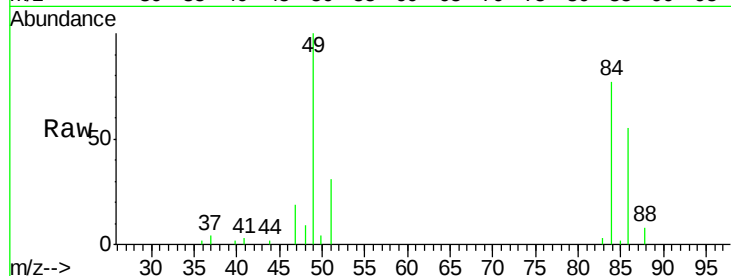




#20
Methylene Chloride
Concen: 6.308 ug/l
RT: 3.80 min Scan# 242
Delta R.T. 0.00 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

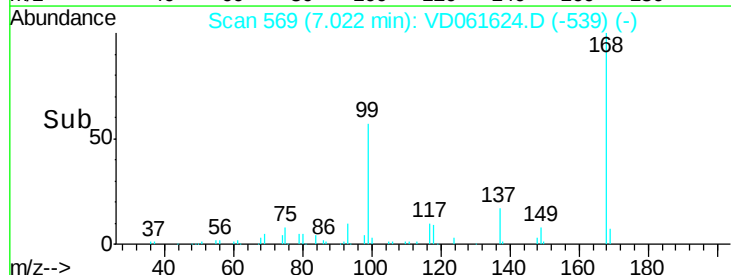
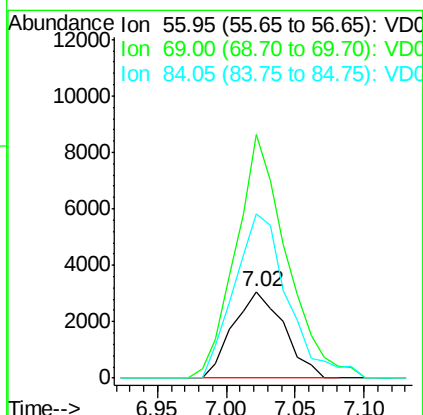
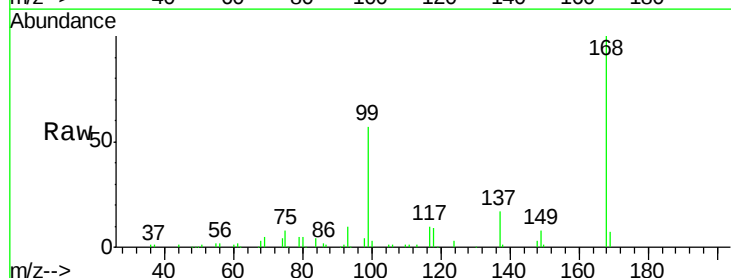
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 84 Resp: 48178
Ion Ratio Lower Upper
84 100
49 130.1 91.8 137.8
51 40.6 29.8 44.8
86 71.7 51.8 77.6



#31
Cyclohexane
Concen: 1.094 ug/l
RT: 7.02 min Scan# 569
Delta R.T. 0.09 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Tgt Ion: 56 Resp: 7893
Ion Ratio Lower Upper
56 100
69 281.7 25.7 38.5#
84 189.9 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

Instrument :

MSVOA_D

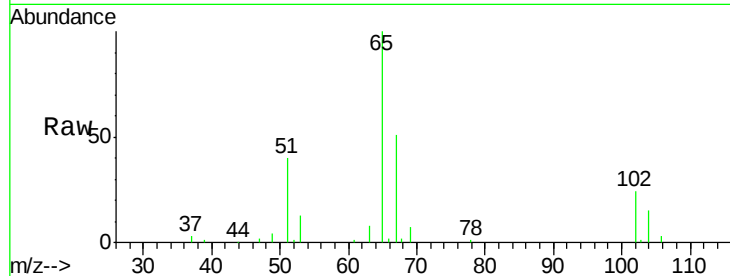
ClientSampleId :

Tot Ion: 65 Resp: 184122

Ion Ratio Lower Upper

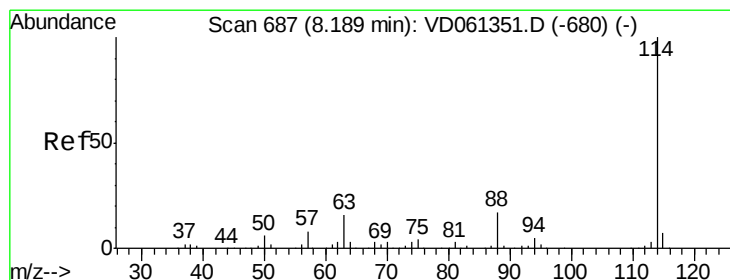
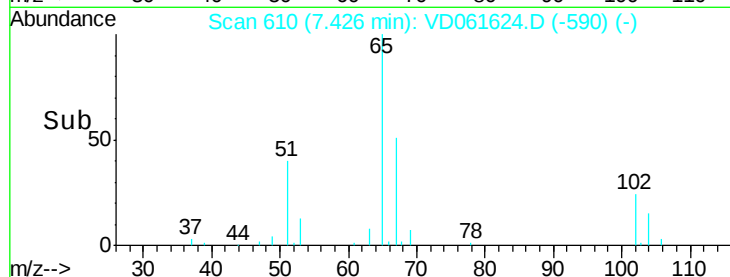
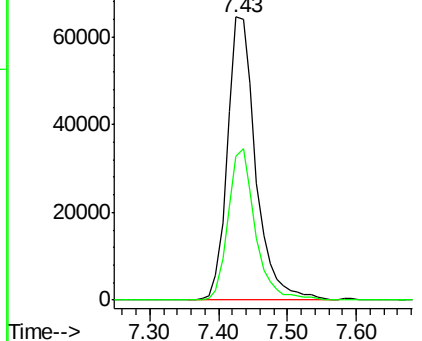
65 100

67 50.7 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: 8.20 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

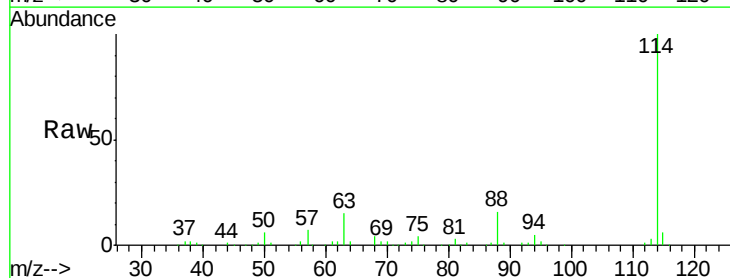
Tgt Ion:114 Resp: 808286

Ion Ratio Lower Upper

114 100

63 15.1 0.0 31.6

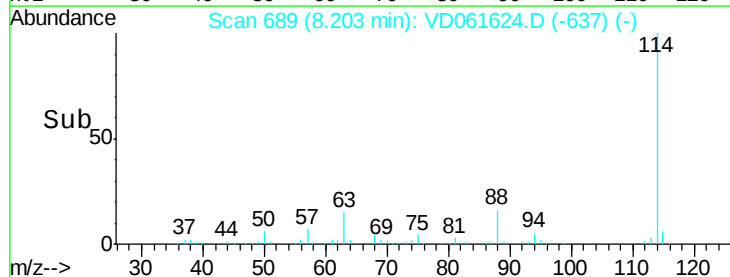
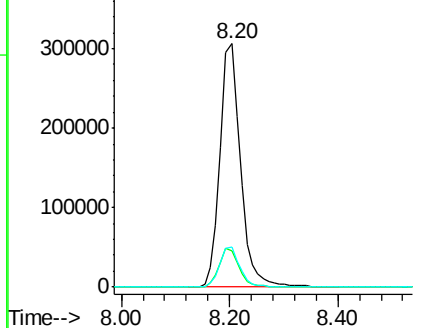
88 16.3 0.0 33.4



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

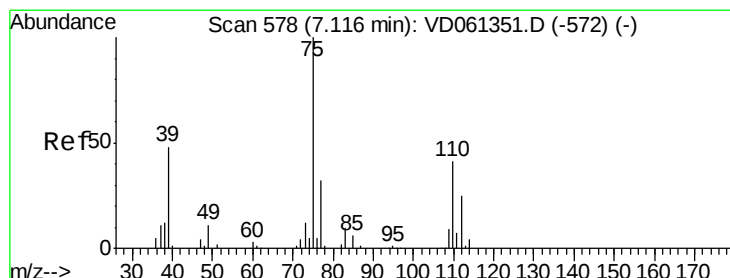
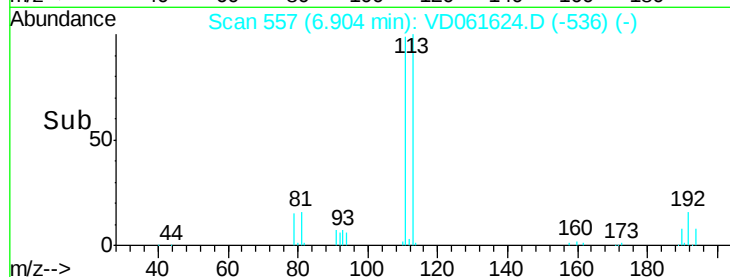
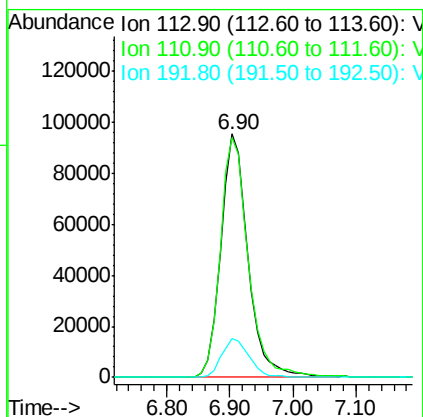
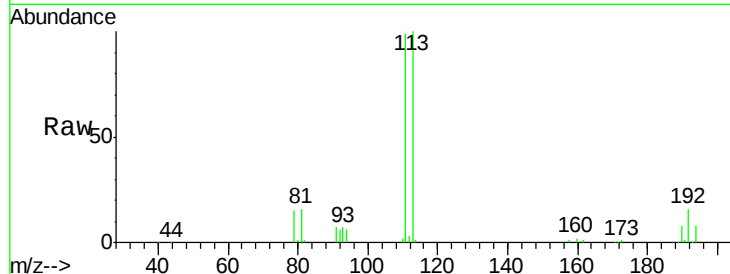




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.90 min Scan# 557
Delta R.T. 0.00 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

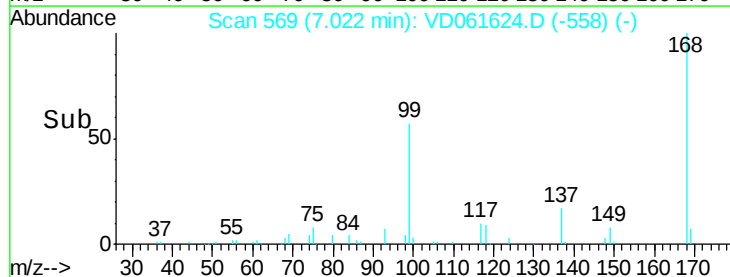
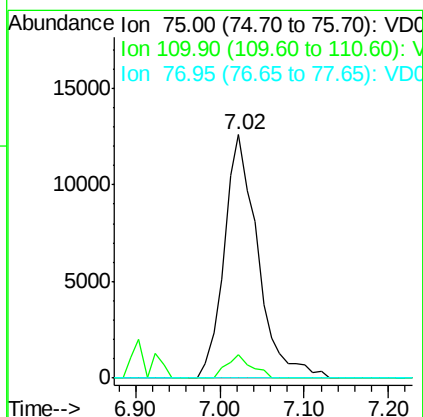
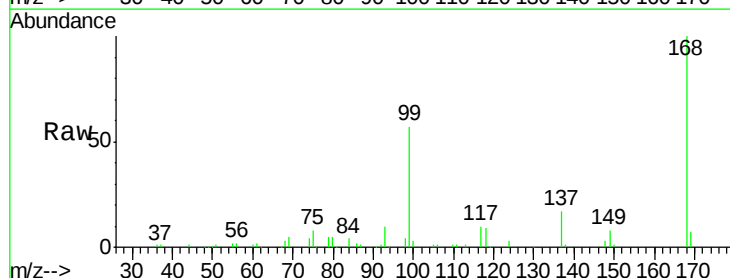
Instrument :
MSVOA_D
ClientSampleId :

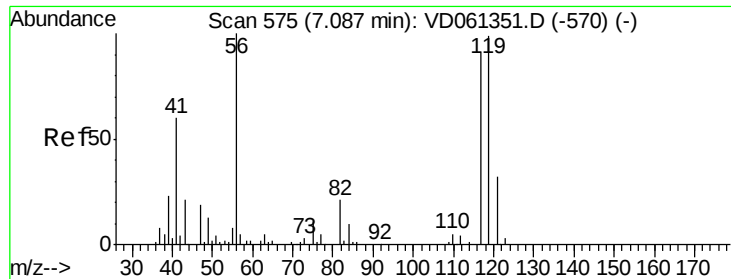
Tot Ion:113 Resp: 286249
Ion Ratio Lower Upper
113 100
111 98.7 81.0 121.6
192 15.9 14.4 21.6



#36
1,1-Dichloropropene
Concen: 4.943 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.09 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Tgt Ion: 75 Resp: 34871
Ion Ratio Lower Upper
75 100
110 9.5 20.4 61.3#
77 0.0 24.9 37.3#

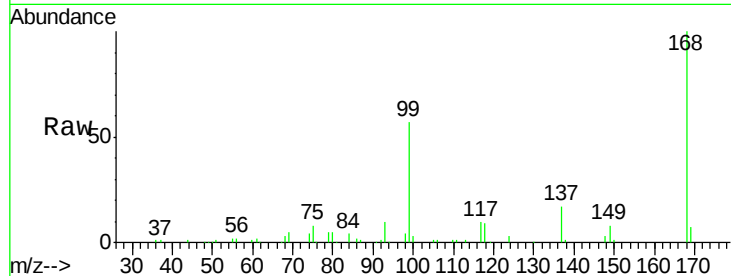




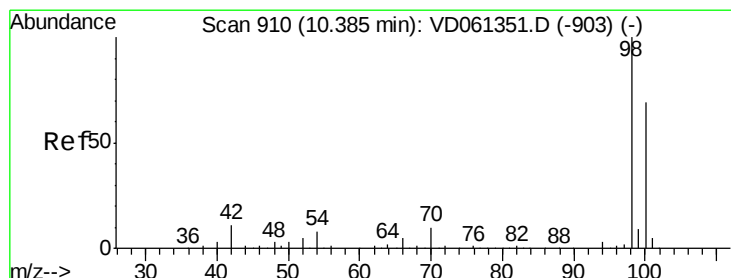
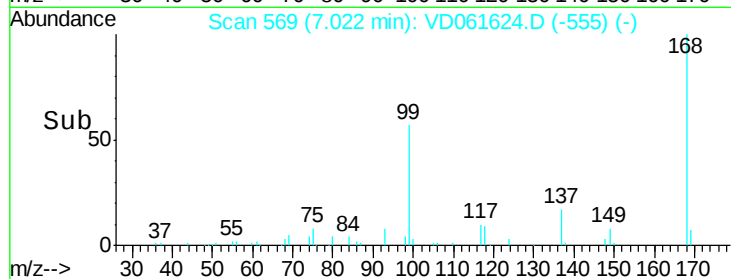
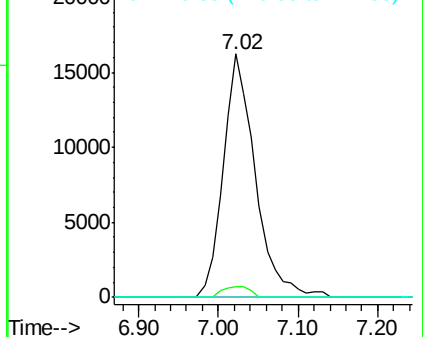
#38
Carbon Tetrachloride
Concen: 5.644 ug/l
RT: 7.02 min Scan# 569
Delta R.T. -0.06 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 45751
Ion Ratio Lower Upper
117 100
119 4.6 80.1 120.1#
121 0.0 25.6 38.4#

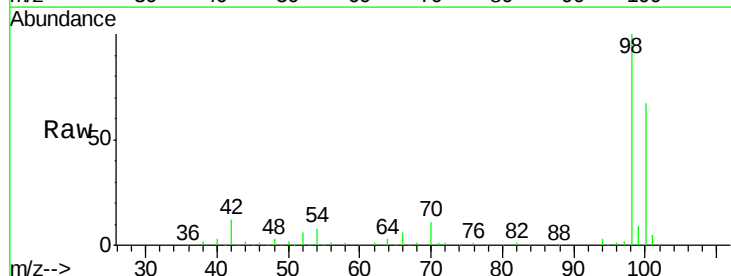


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

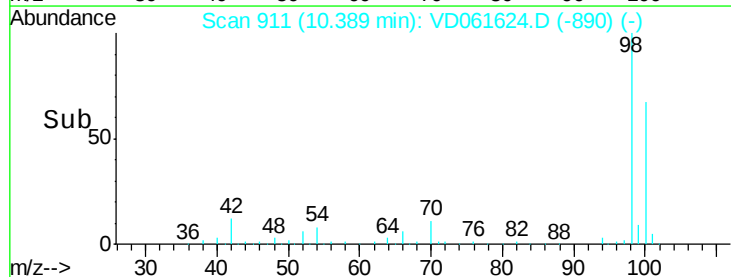
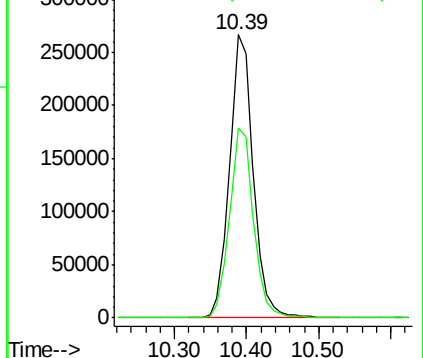


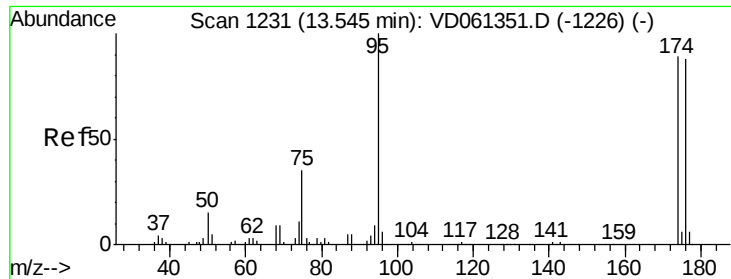
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Tgt Ion: 98 Resp: 612674
Ion Ratio Lower Upper
98 100
100 67.2 56.2 84.2



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

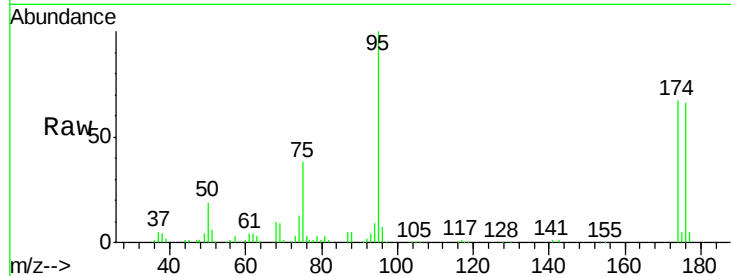




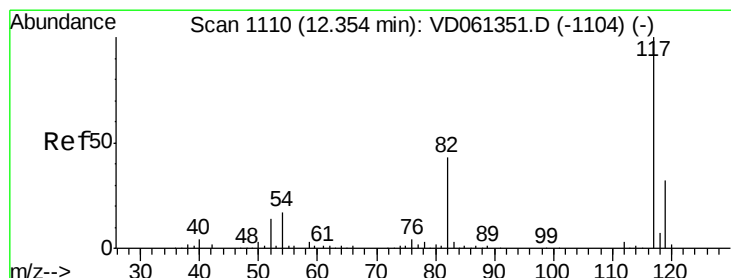
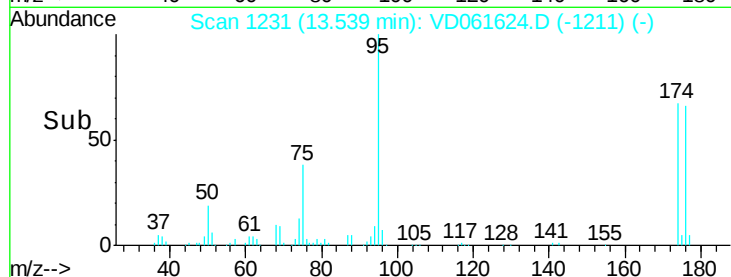
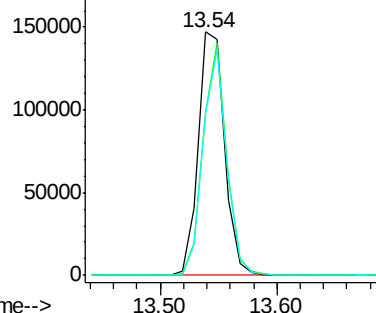
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 229105
Ion Ratio Lower Upper
95 100
174 66.9 0.0 178.0
176 66.2 0.0 175.0

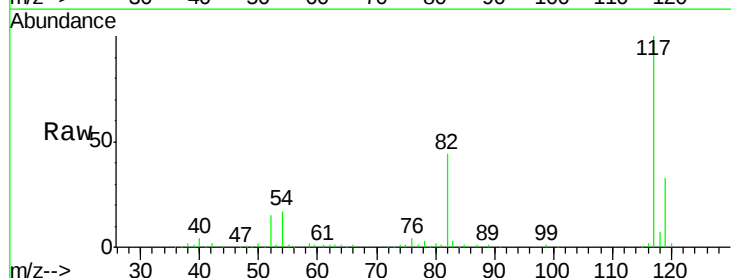


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

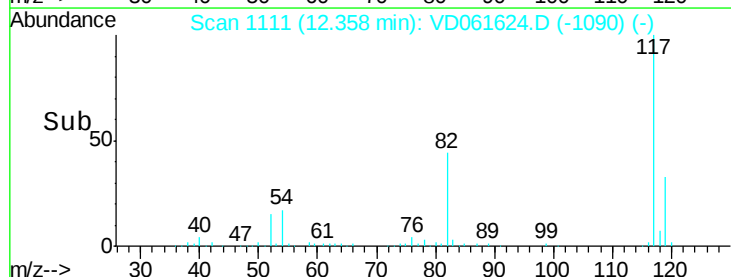
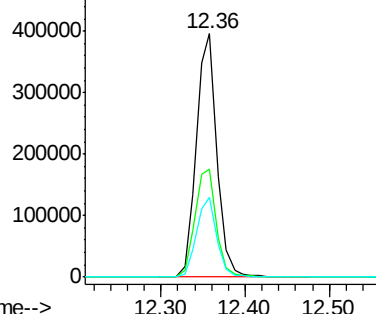


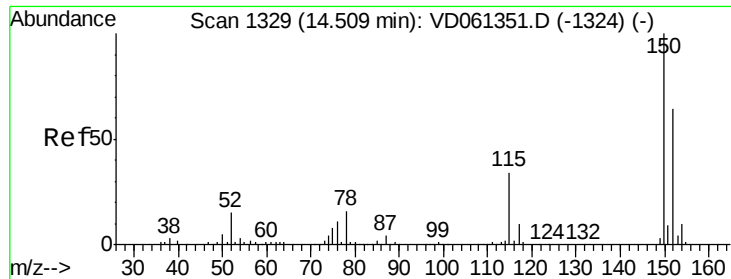
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061624.D
Acq: 5 Apr 2019 16:45

Tgt Ion: 117 Resp: 668486
Ion Ratio Lower Upper
117 100
82 44.1 34.4 51.6
119 32.7 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: 14.50 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

Instrument :

MSVOA_D

ClientSampleId :

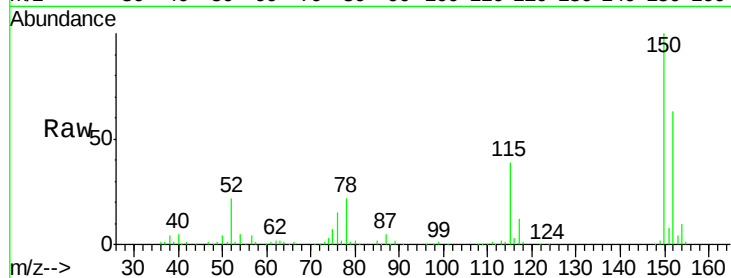
Tot Ion:152 Resp: 271546

Ion Ratio Lower Upper

152 100

115 61.4 26.9 80.6

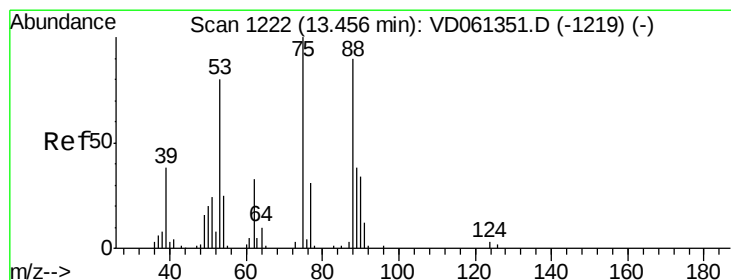
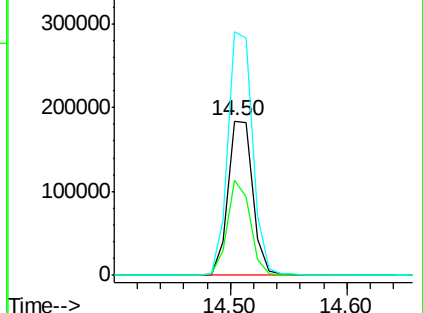
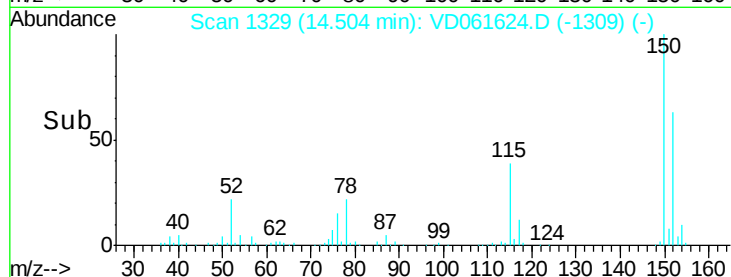
150 157.6 0.0 318.0



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: 71.165 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061624.D

Acq: 5 Apr 2019 16:45

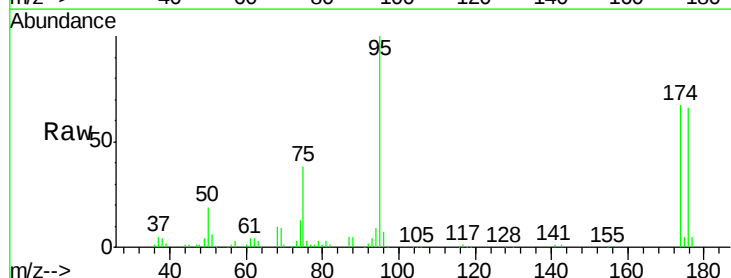
Tgt Ion: 75 Resp: 85112

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

