

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061633.D
 Acq On : 5 Apr 2019 20:53
 Operator : VA/AP
 Sample : K2240-03
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 06 00:30:07 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

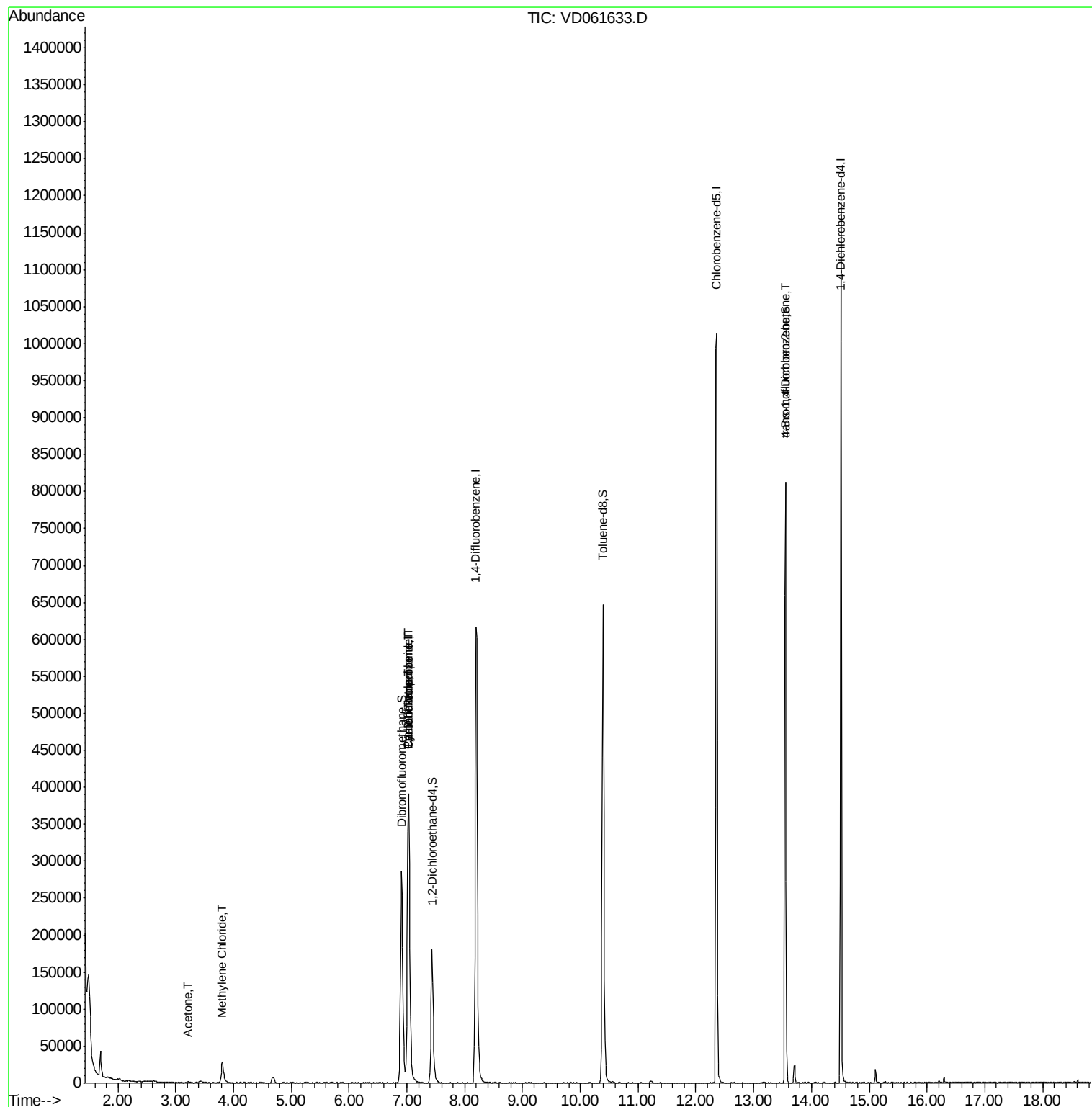
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	449219	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.20	114	792438	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	680986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	288296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	182558	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
35) Dibromofluoromethane	6.91	113	276363	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
50) Toluene-d8	10.39	98	592449	40.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.58%	
62) 4-Bromofluorobenzene	13.55	95	261377	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
Target Compounds						
16) Acetone	3.20	43	2593	2.629	ug/l #	48
20) Methylene Chloride	3.81	84	23314	2.391	ug/l	90
31) Cyclohexane	7.01	56	6771	1.024	ug/l #	1
36) 1,1-Dichloropropene	7.02	75	32606	4.714	ug/l #	46
38) Carbon Tetrachloride	7.02	117	42063	5.293	ug/l #	14
81) trans-1,4-Dichloro-2-buten	13.54	75	95907	75.532	ug/l #	18

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040519\
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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: 7.03 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

Instrument :

MSVOA_D

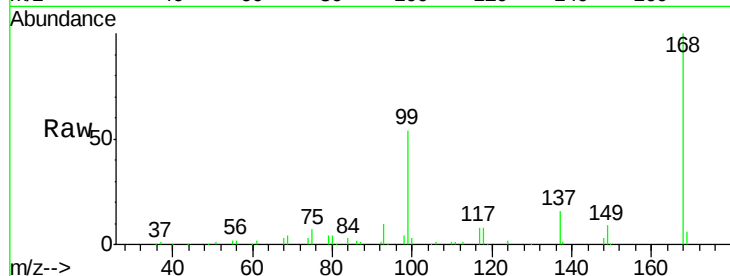
ClientSampleId :

Tot Ion:168 Resp: 449219

Ion Ratio Lower Upper

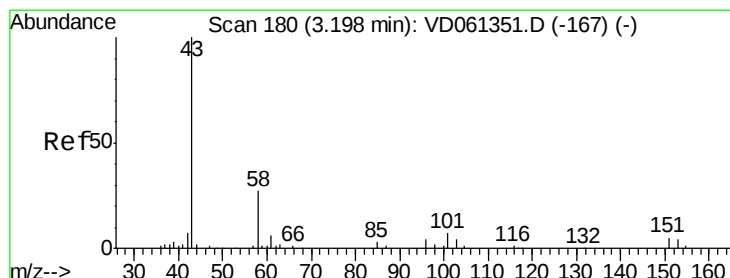
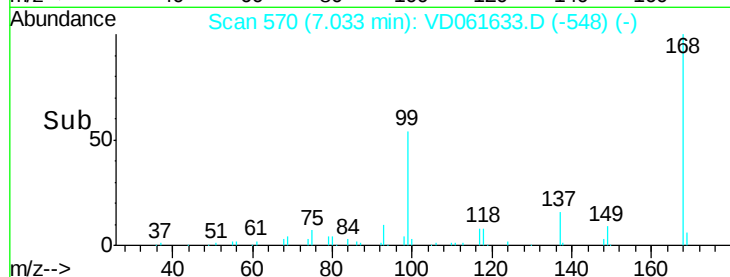
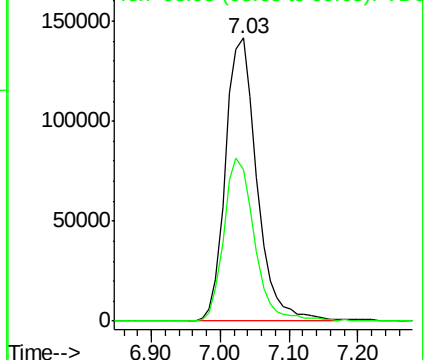
168 100

99 53.6 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: 2.629 ug/l

RT: 3.20 min Scan# 181

Delta R.T. 0.01 min

Lab File: VD061633.D

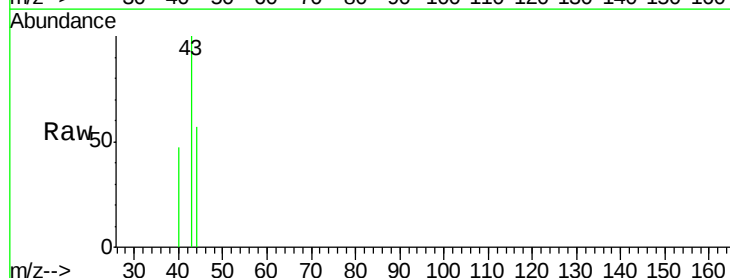
Acq: 5 Apr 2019 20:53

Tgt Ion: 43 Resp: 2593

Ion Ratio Lower Upper

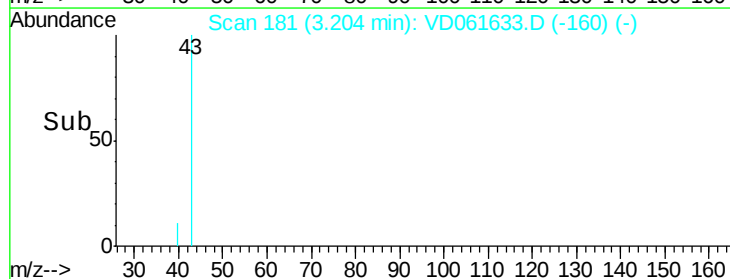
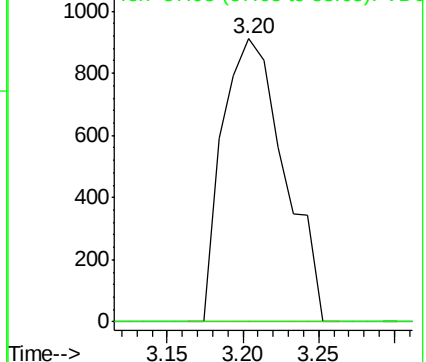
43 100

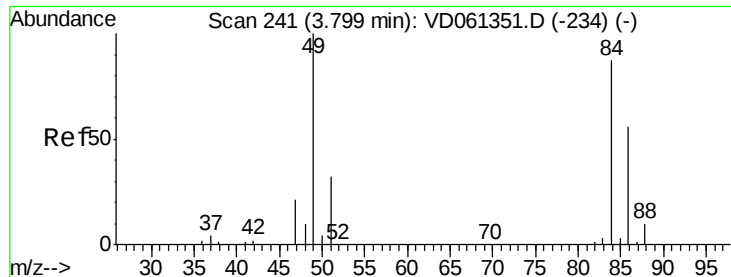
58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

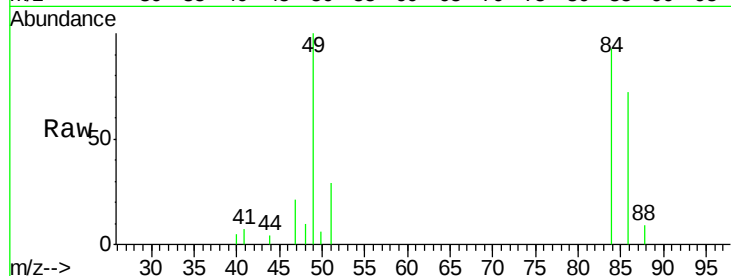




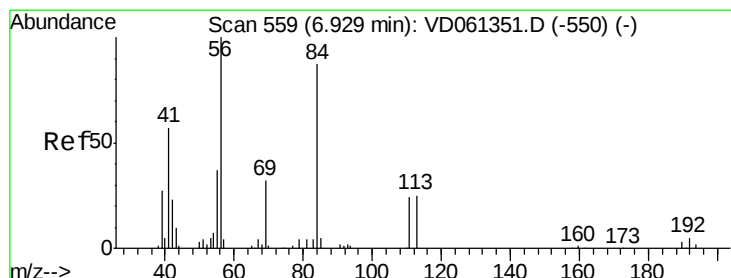
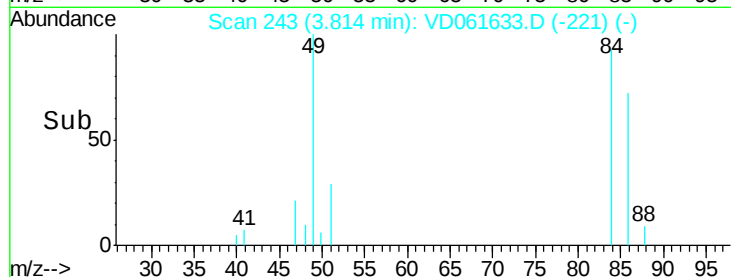
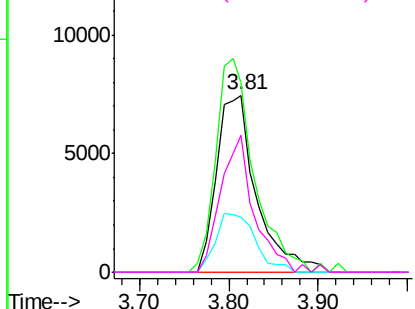
#20
Methvlene Chloride
Concen: 2.391 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 84 Resp: 23314
Ion Ratio Lower Upper
84 100
49 107.0 91.8 137.8
51 31.2 29.8 44.8
86 77.3 51.8 77.6

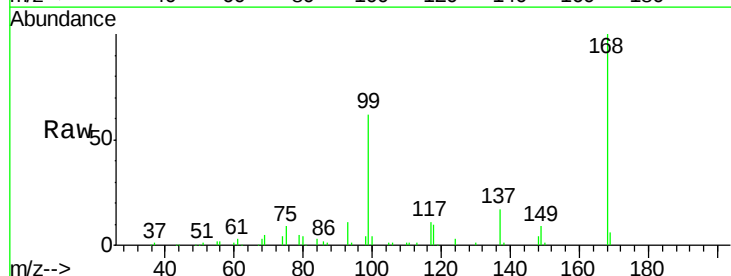


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

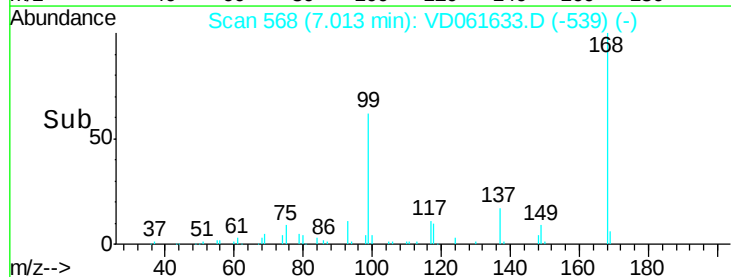
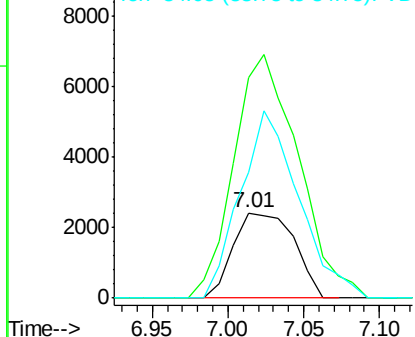


#31
Cyclohexane
Concen: 1.024 ug/l
RT: 7.01 min Scan# 568
Delta R.T. 0.08 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Tgt Ion: 56 Resp: 6771
Ion Ratio Lower Upper
56 100
69 259.1 25.7 38.5#
84 147.9 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: 7.44 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

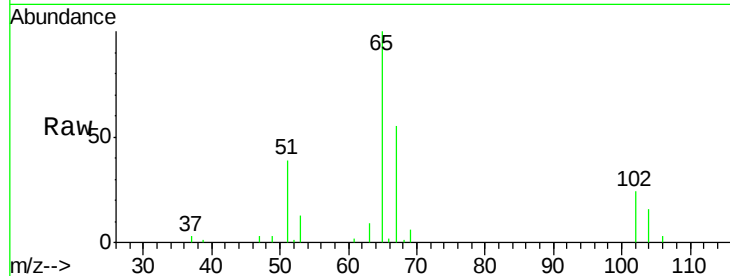
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 65 Resp: 182558

Ion Ratio Lower Upper

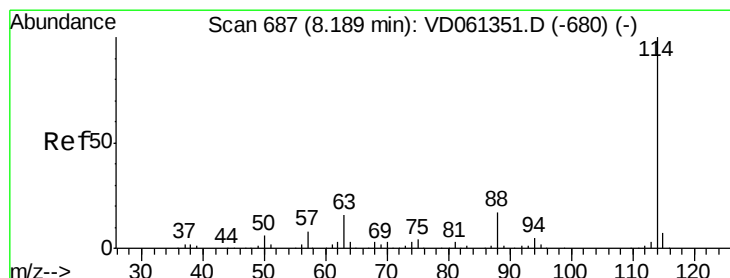
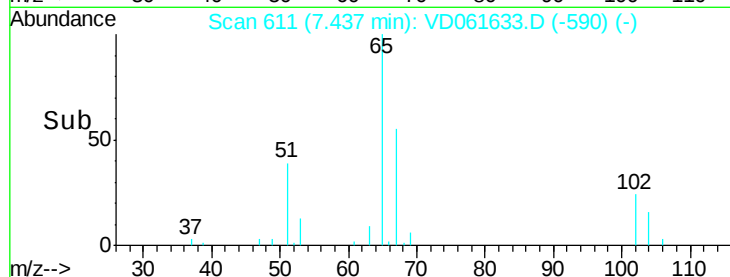
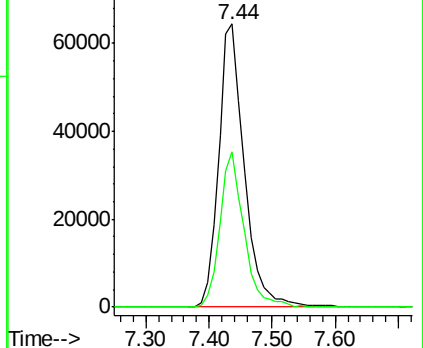
65 100

67 55.0 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. 0.02 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

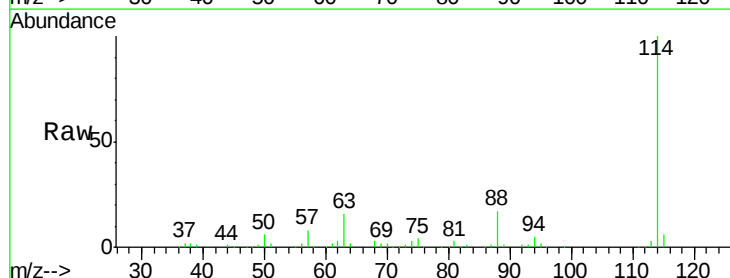
Tgt Ion: 114 Resp: 792438

Ion Ratio Lower Upper

114 100

63 15.7 0.0 31.6

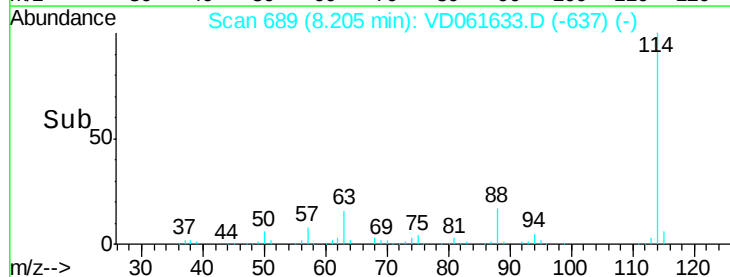
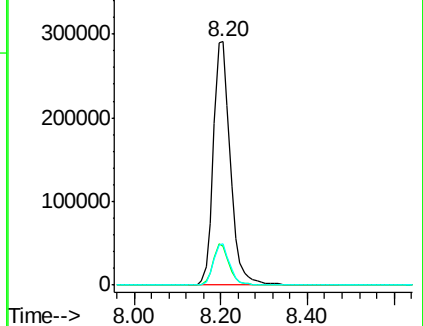
88 16.8 0.0 33.4



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

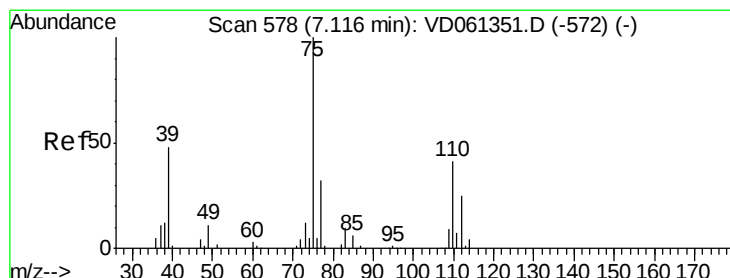
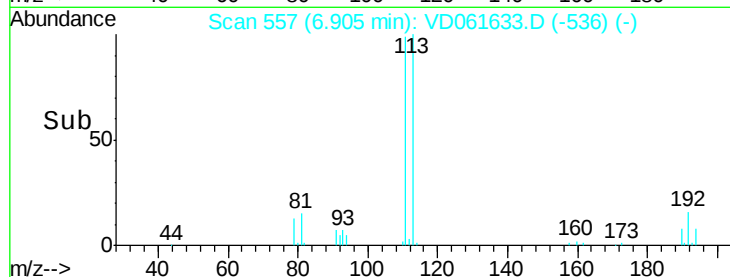
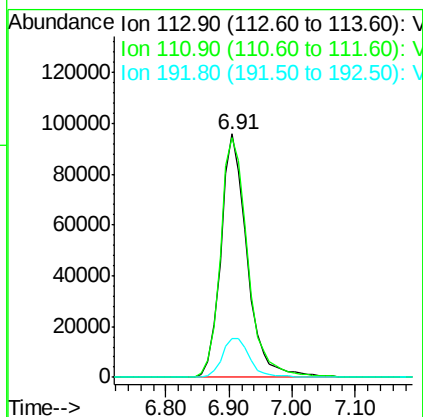
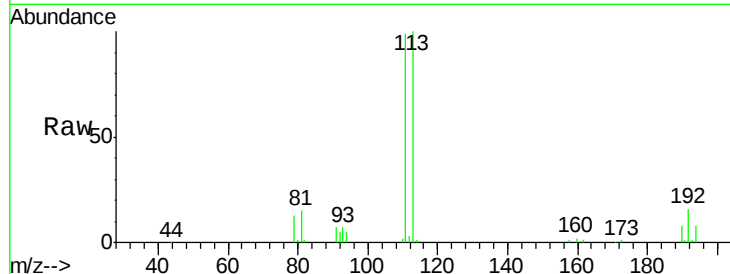




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061633.D
 Acq: 5 Apr 2019 20:53

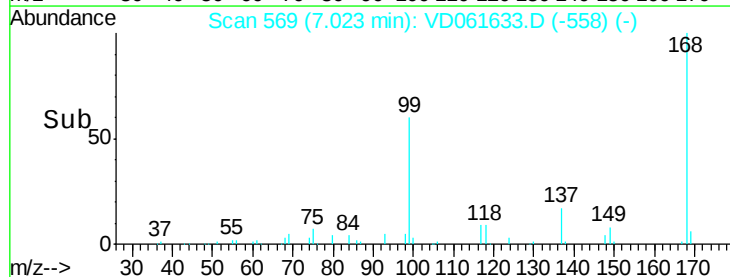
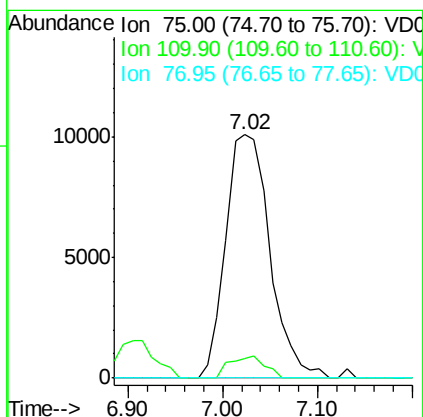
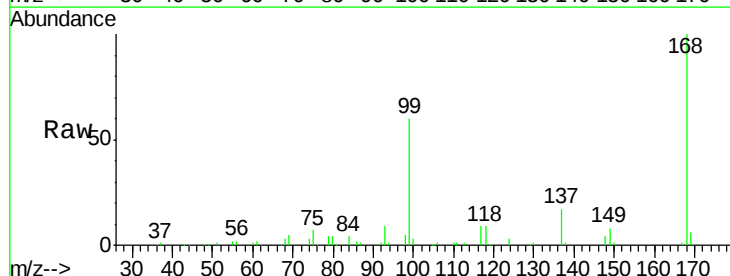
Instrument :
 MSVOA_D
 ClientSampleId :

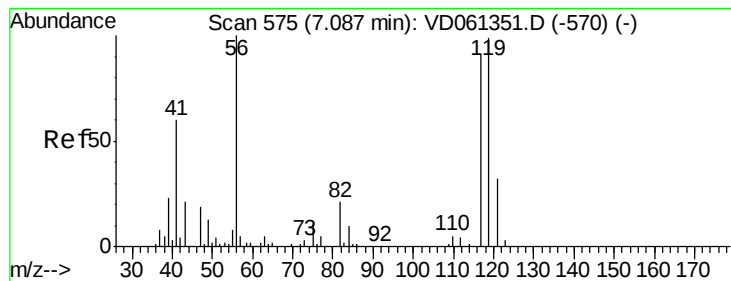
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.6	81.0	121.6
192	15.9	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 4.714 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.09 min
 Lab File: VD061633.D
 Acq: 5 Apr 2019 20:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	20.4	61.3#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.293 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.06 min

Lab File: VD061633.D

Acq: 5 Apr 2019 20:53

Instrument :

MSVOA_D

ClientSampleId :

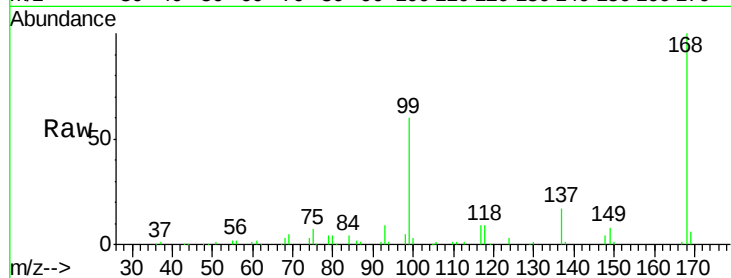
Tot Ion:117 Resp: 42063

Ion Ratio Lower Upper

117 100

119 4.8 80.1 120.1#

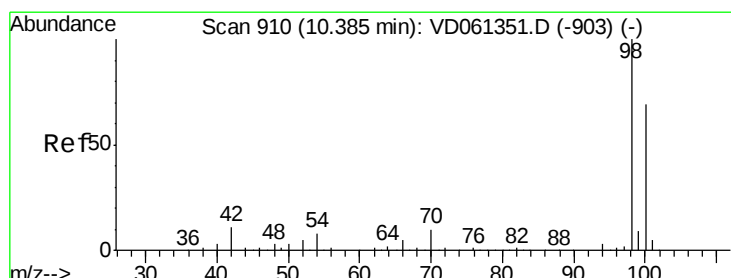
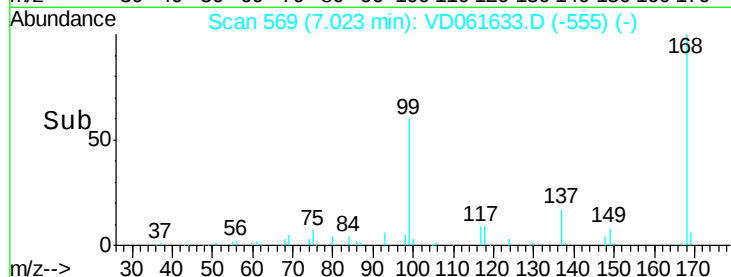
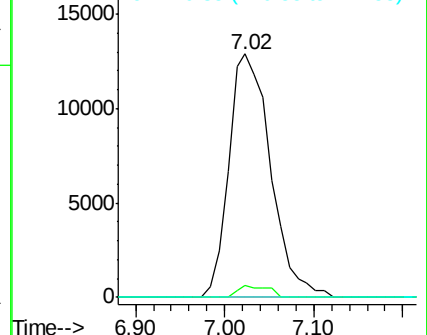
121 0.0 25.6 38.4#



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. 0.01 min

Lab File: VD061633.D

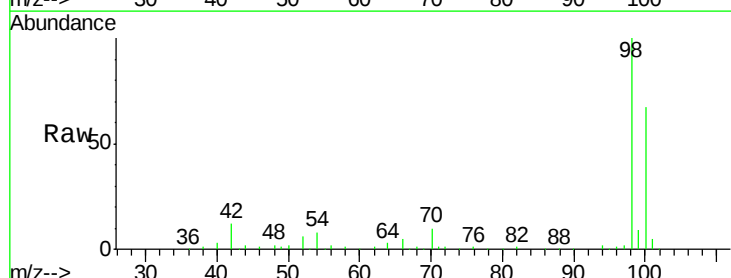
Acq: 5 Apr 2019 20:53

Tgt Ion: 98 Resp: 592449

Ion Ratio Lower Upper

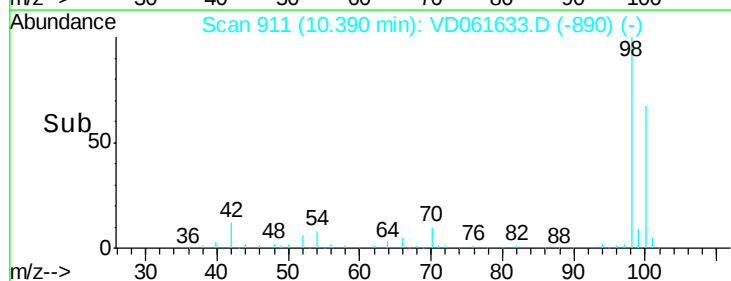
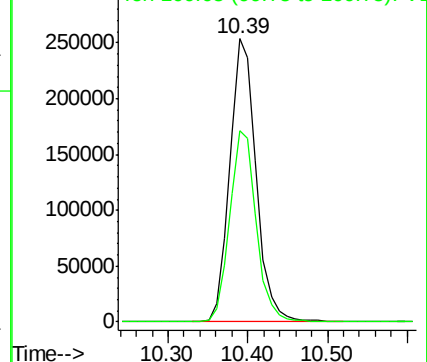
98 100

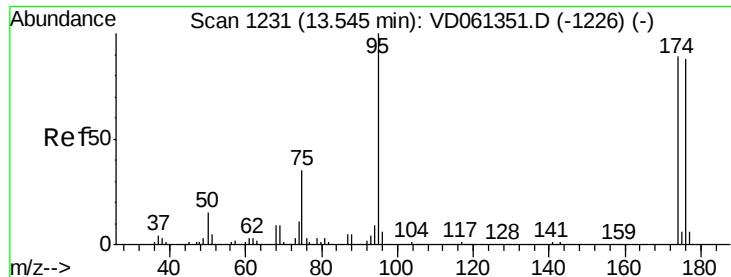
100 67.4 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

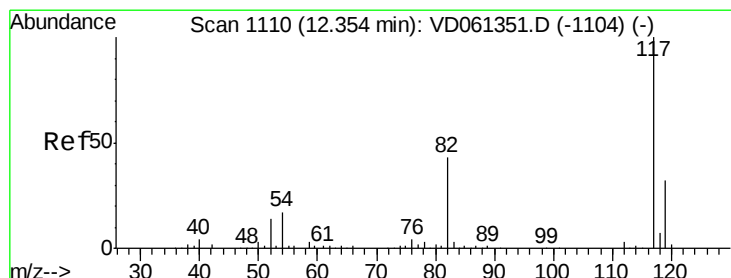
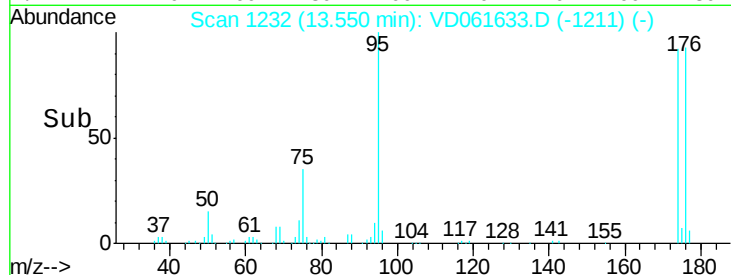
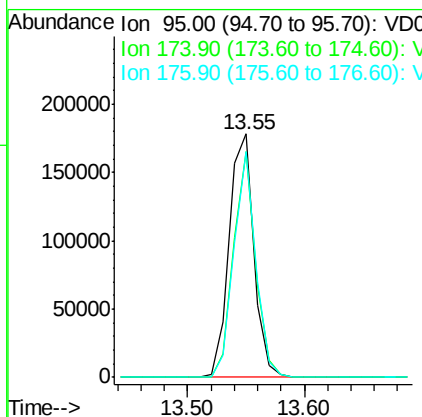
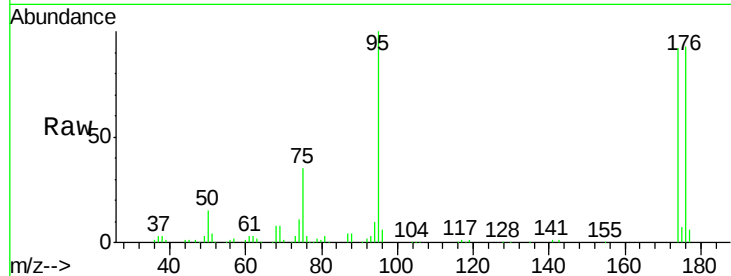




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

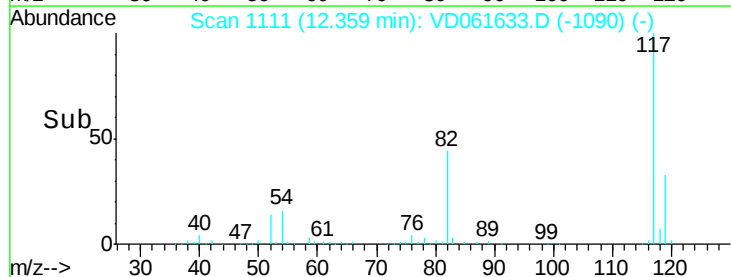
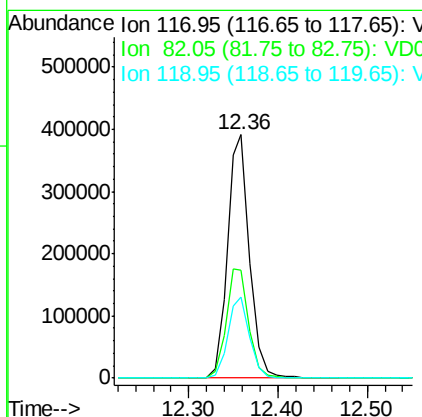
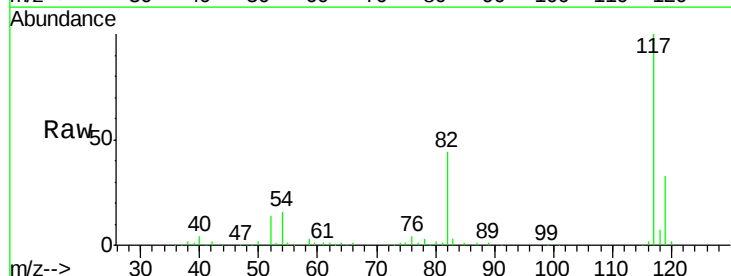
Instrument :
MSVOA_D
ClientSampleId :

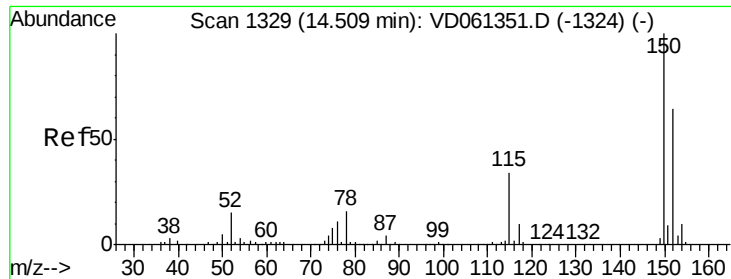
Tot Ion: 95 Resp: 261377
Ion Ratio Lower Upper
95 100
174 92.5 0.0 178.0
176 92.6 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Tgt Ion: 117 Resp: 680986
Ion Ratio Lower Upper
117 100
82 44.3 34.4 51.6
119 33.2 25.8 38.6



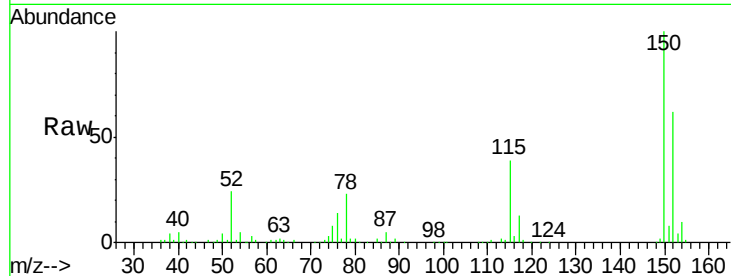


#72

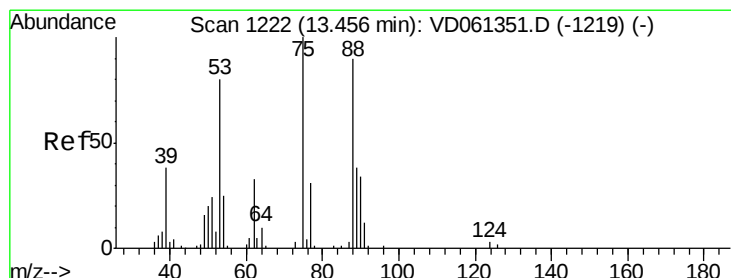
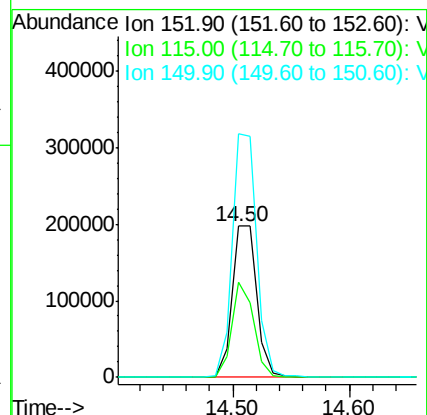
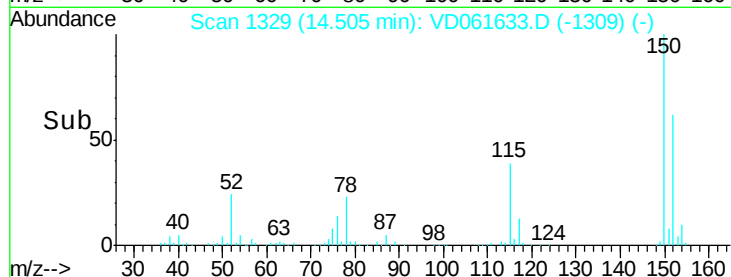
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.9	26.9	80.6
150	161.2	0.0	318.0



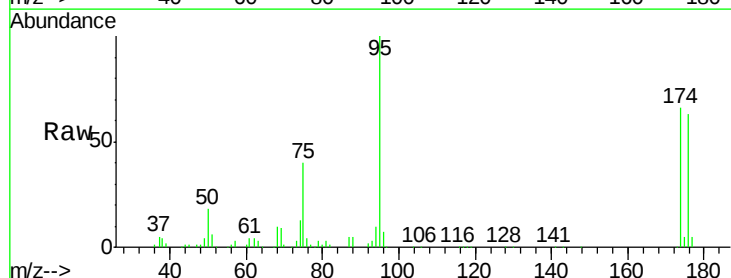
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 75.532 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.08 min
Lab File: VD061633.D
Acq: 5 Apr 2019 20:53

Tgt 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

