

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
 Data File : VD060696.D
 Acq On : 21 Dec 2018 20:59
 Operator : VA/AP
 Sample : J6525-02
 Misc : 5.05g/5ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(5)

Quant Time: Dec 21 23:23:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

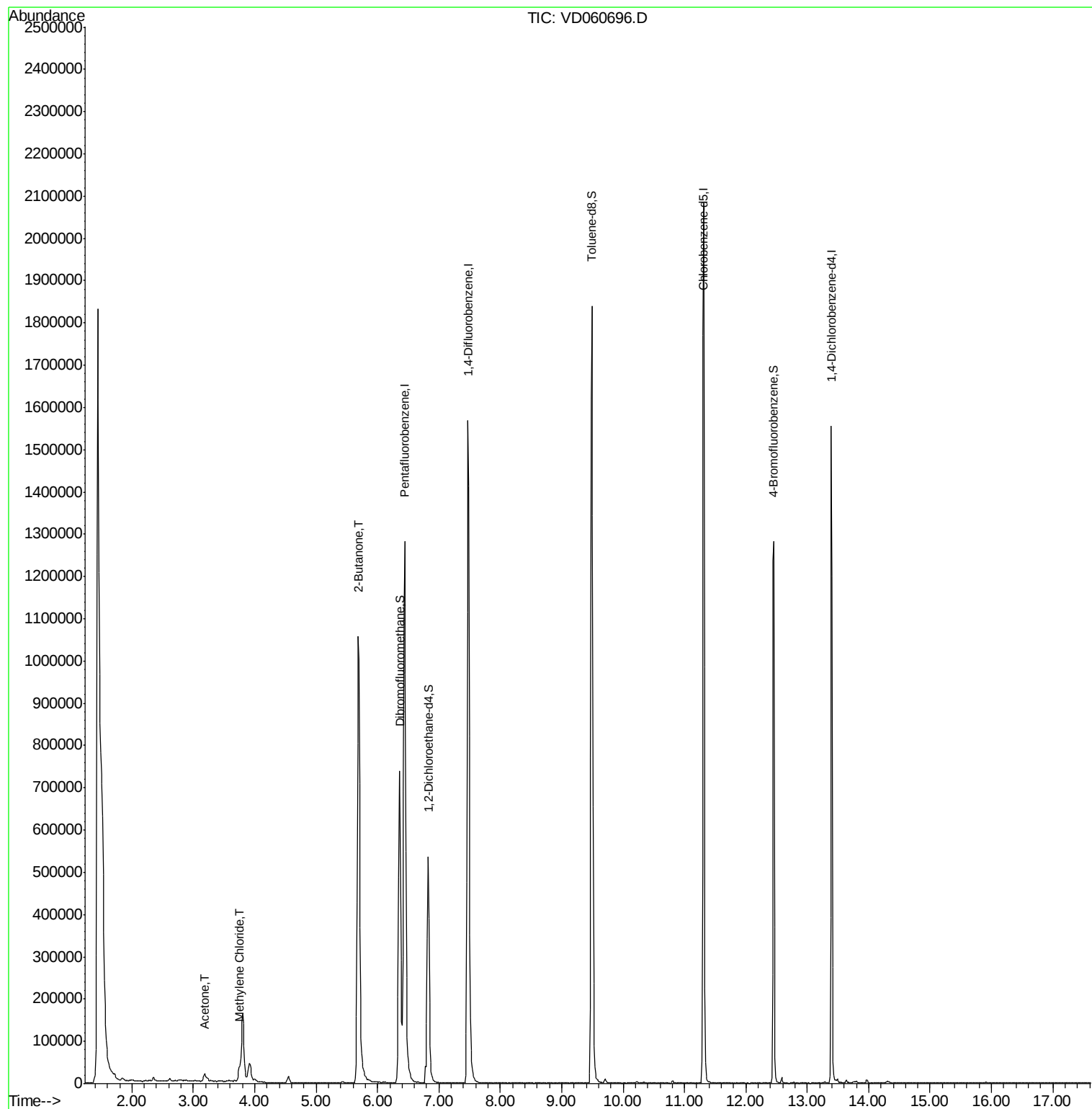
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.44	168	1224426	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.48	114	1633377	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.31	117	1141215	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.39	152	370083	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.83	65	455807	53.87	ug/l	0.03
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	6.35	113	601167	50.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.58%	
50) Toluene-d8	9.49	98	1487035	41.69	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.38%	
62) 4-Bromofluorobenzene	12.45	95	372116	29.79	ug/l	0.02
Spiked Amount 50.000			Recovery	=	59.58%	
Target Compounds						
16) Acetone	3.18	43	33506	22.674	ug/l #	90
20) Methylene Chloride	3.75	84	20182	1.315	ug/l #	93
25) 2-Butanone	5.68	43	58967	20.853	ug/l #	82

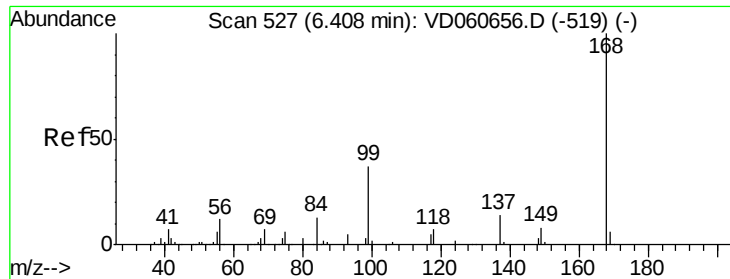
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122118\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.44 min Scan# 530

Delta R.T. 0.03 min

Lab File: VD060696.D

Acq: 21 Dec 2018 20:59

Instrument :

MSVOA_D

ClientSampled :

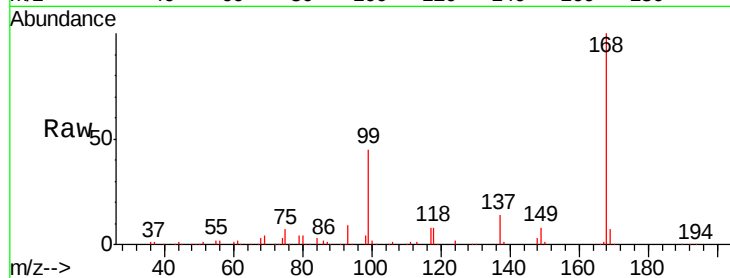
S-2(5)

Tgt Ion:168 Resp: 1224426

Ion Ratio Lower Upper

168 100

99 45.4 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.44

500000

400000

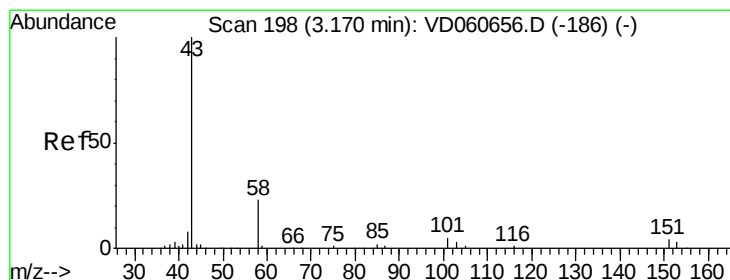
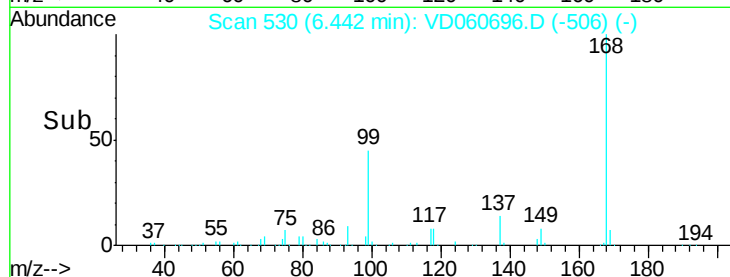
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.674 ug/l

RT: 3.18 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD060696.D

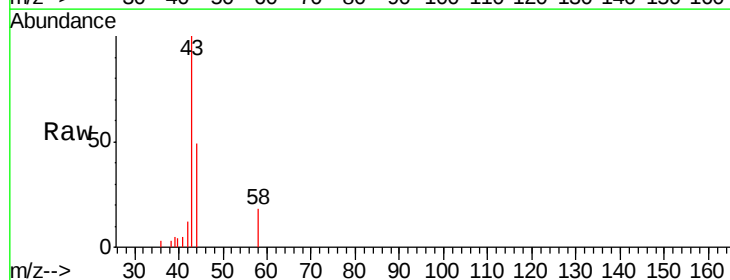
Acq: 21 Dec 2018 20:59

Tgt Ion: 43 Resp: 33506

Ion Ratio Lower Upper

43 100

58 17.8 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

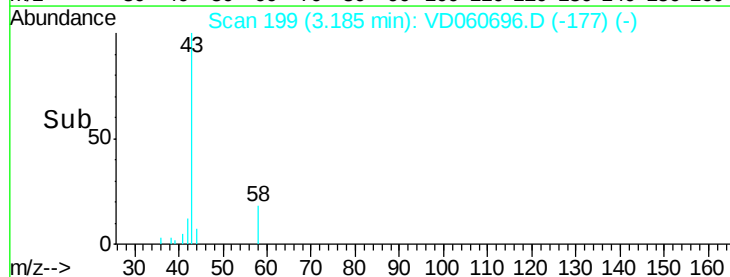
3.18

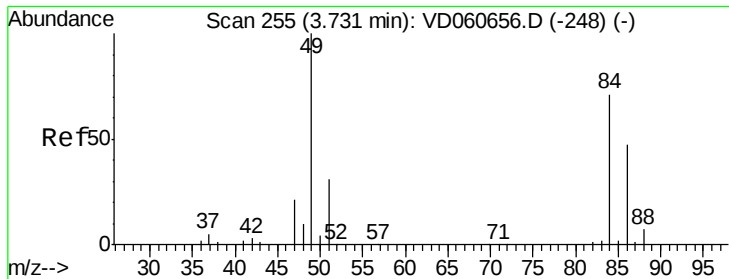
10000

5000

0

Time-->

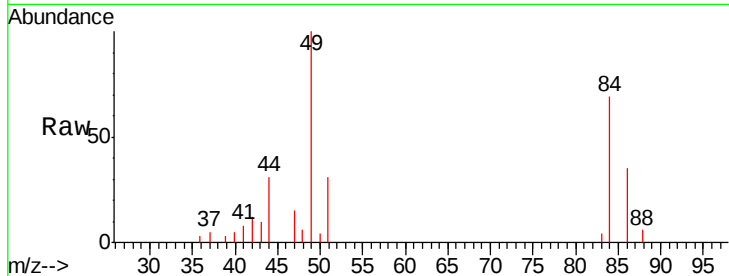




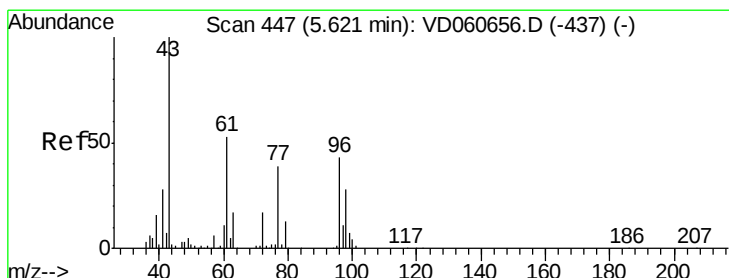
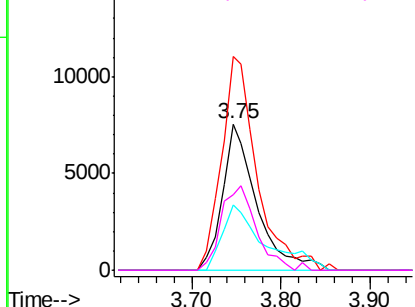
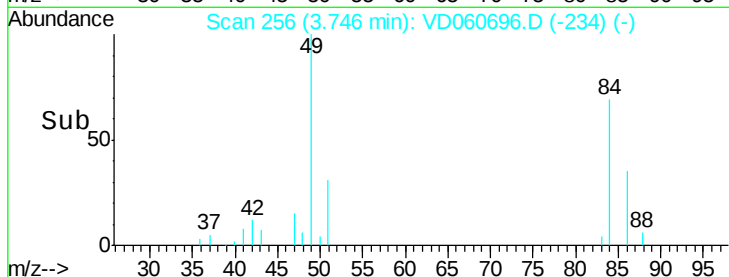
#20
Methylene Chloride
Concen: 1.315 ug/l
RT: 3.75 min Scan# 256
Delta R.T. 0.01 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Instrument :
MSVOA_D
ClientSampleId :
S-2(5)

Tgt Ion: 84 Resp: 20182
Ion Ratio Lower Upper
84 100
49 145.9 113.6 170.4
51 44.7 34.7 52.1
86 51.3 52.8 79.2#

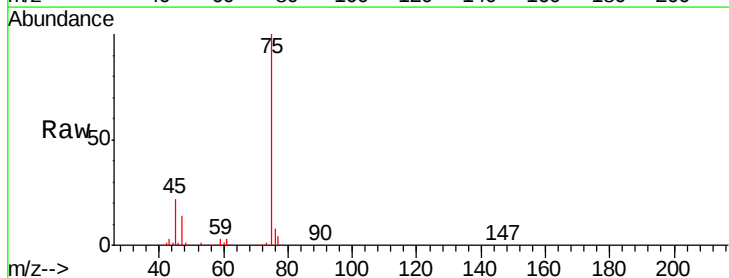


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

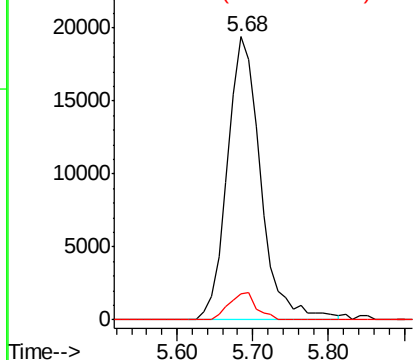
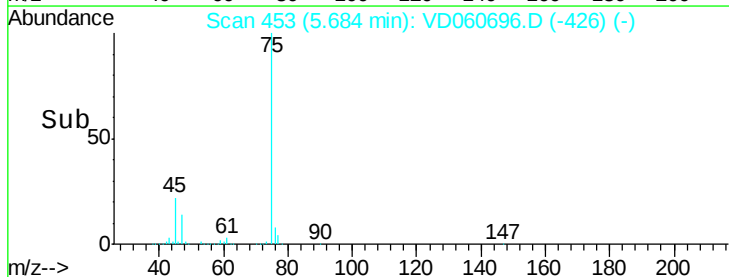


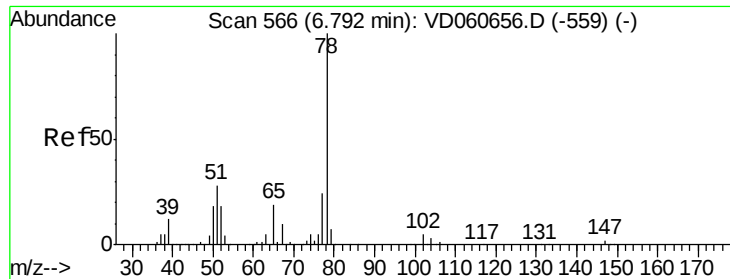
#25
2-Butanone
Concen: 20.853 ug/l
RT: 5.68 min Scan# 453
Delta R.T. 0.06 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Tgt Ion: 43 Resp: 58967
Ion Ratio Lower Upper
43 100
72 9.4 13.7 20.5#



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





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.83 min Scan# 569

Delta R.T. 0.03 min

Lab File: VD060696.D

Acq: 21 Dec 2018 20:59

Instrument :

MSVOA_D

ClientSampleId :

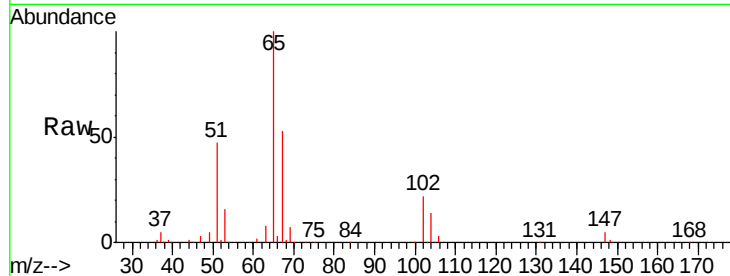
S-2(5)

Tgt Ion: 65 Resp: 455807

Ion Ratio Lower Upper

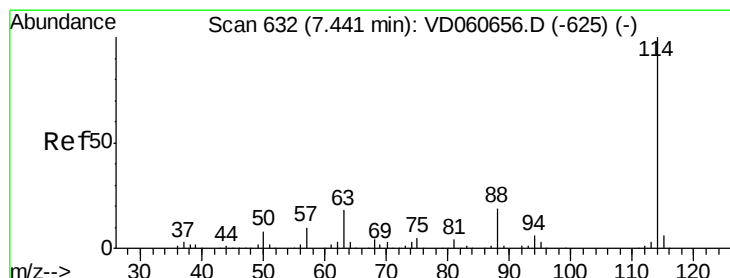
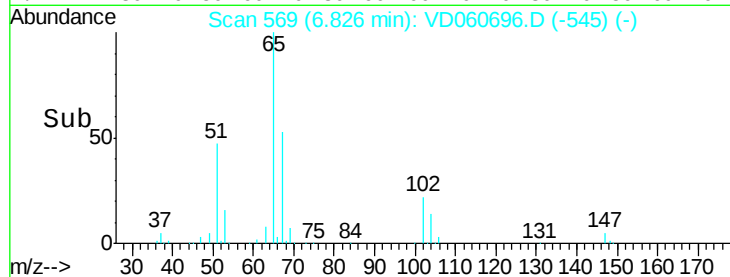
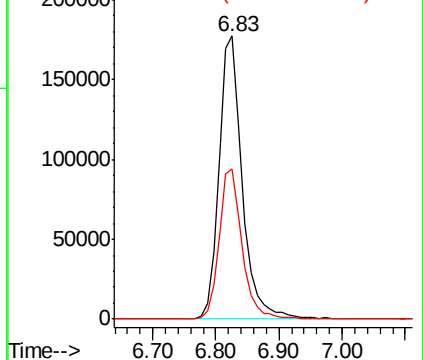
65 100

67 53.2 0.0 105.4



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: 7.48 min Scan# 635

Delta R.T. 0.03 min

Lab File: VD060696.D

Acq: 21 Dec 2018 20:59

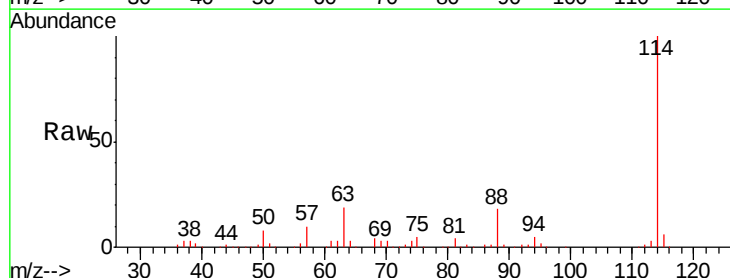
Tgt Ion: 114 Resp: 1633377

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

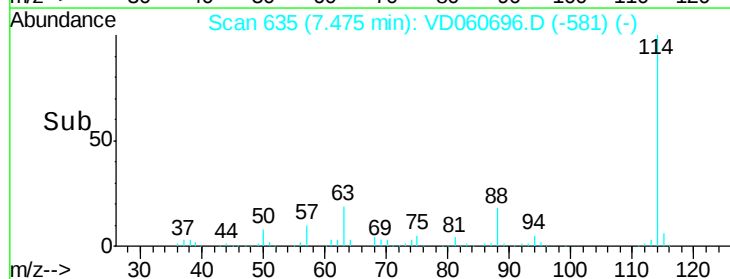
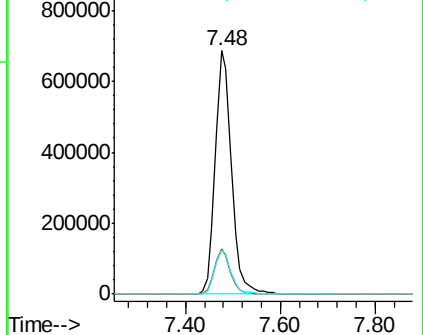
88 18.1 0.0 37.0

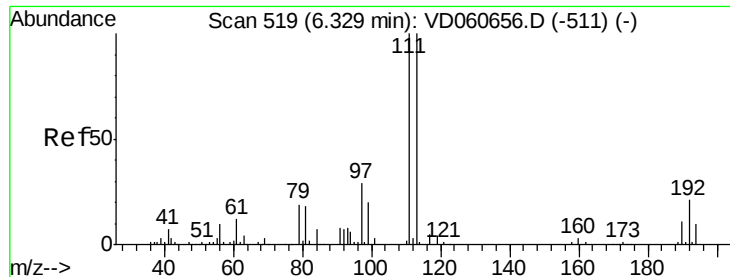


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

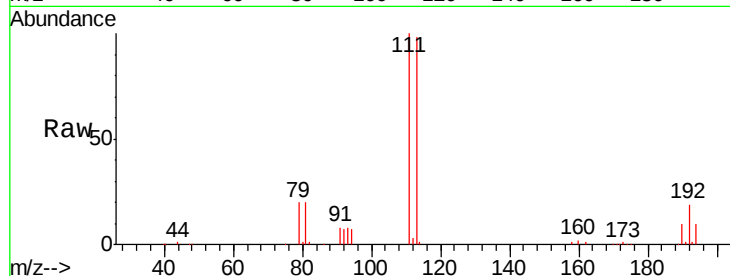




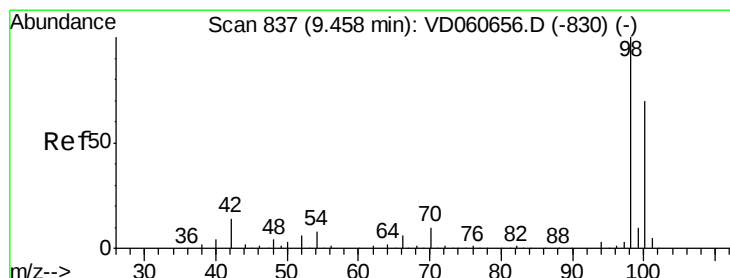
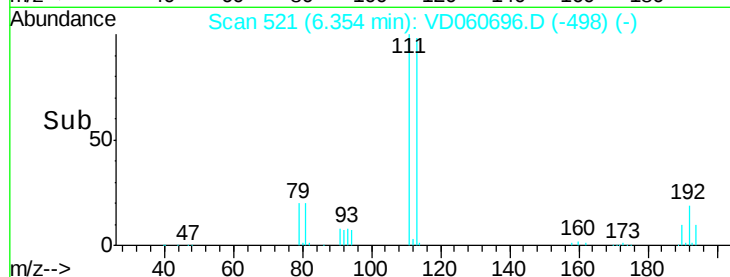
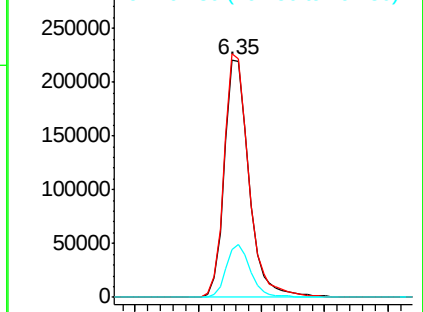
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.35 min Scan# 521
Delta R.T. 0.02 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Instrument :
MSVOA_D
ClientSampleId :
S-2(5)

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.0	120.0
192	19.9	16.6	25.0

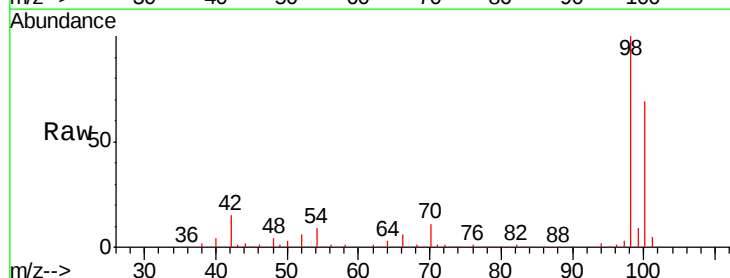


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

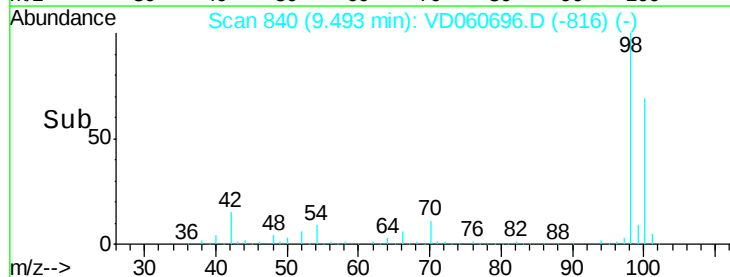
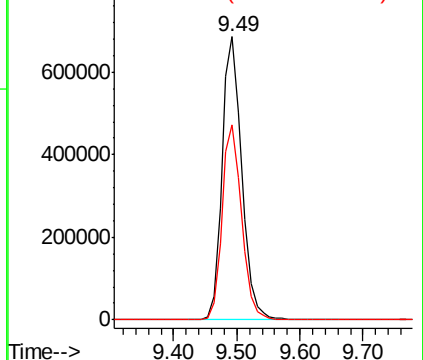


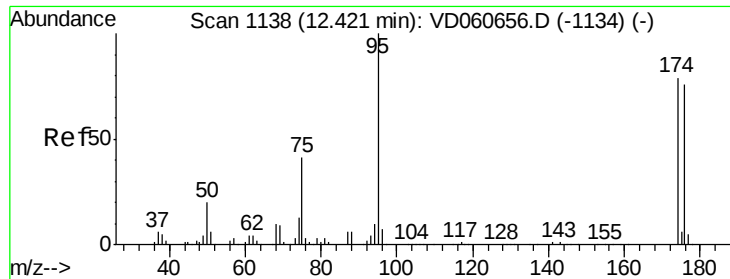
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.49 min Scan# 840
Delta R.T. 0.03 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.9	55.8	83.8



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

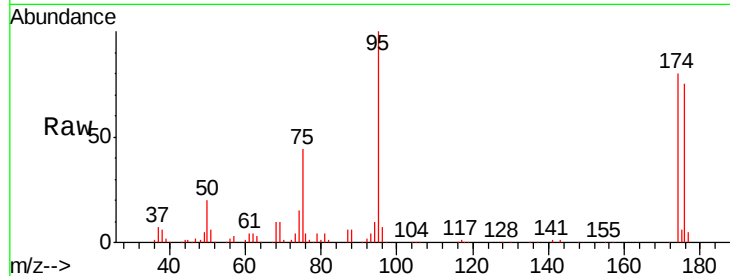




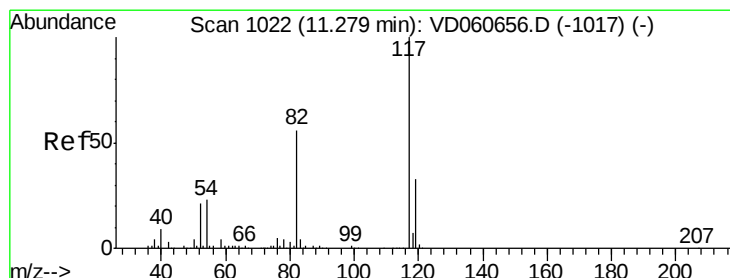
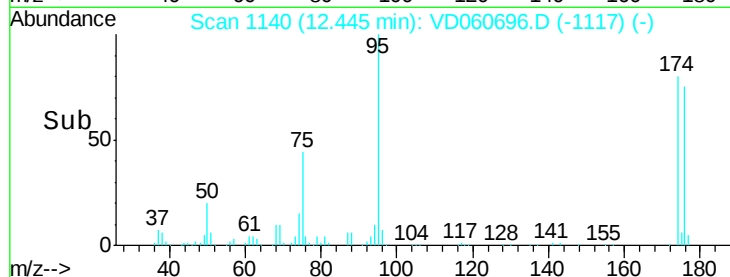
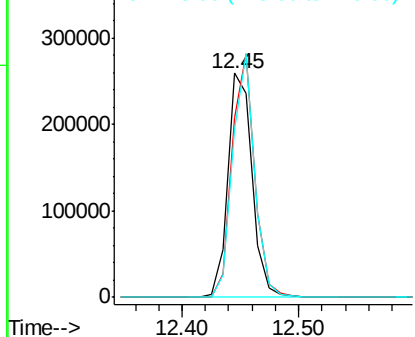
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.45 min Scan# 1140
Delta R.T. 0.02 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Instrument :
MSVOA_D
ClientSampled :
S-2(5)

Tgt Ion: 95 Resp: 372116
Ion Ratio Lower Upper
95 100
174 80.1 0.0 158.2
176 75.0 0.0 152.4

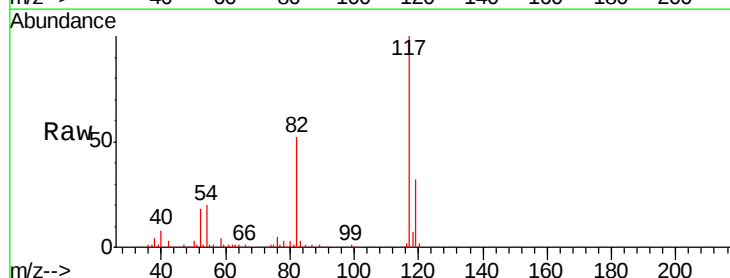


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

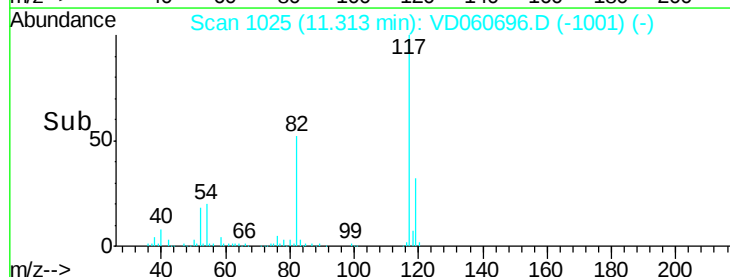
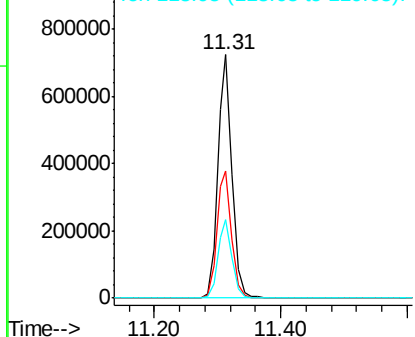


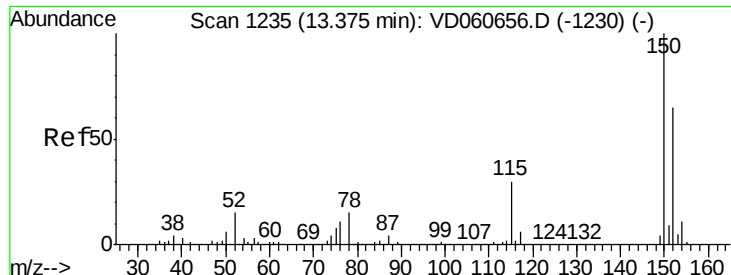
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.31 min Scan# 1025
Delta R.T. 0.03 min
Lab File: VD060696.D
Acq: 21 Dec 2018 20:59

Tgt Ion: 117 Resp: 1141215
Ion Ratio Lower Upper
117 100
82 52.3 44.5 66.7
119 32.2 26.3 39.5



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

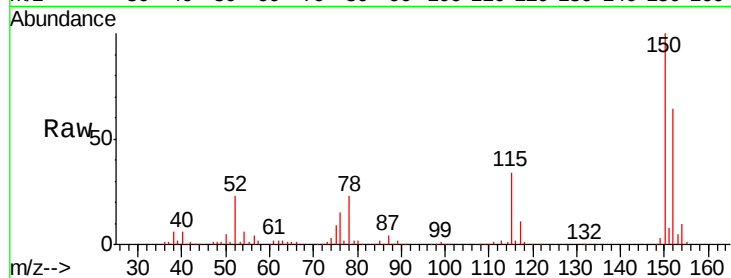




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.39 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VD060696.D
 Acq: 21 Dec 2018 20:59

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(5)

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	24.1	72.3
150	155.9	0.0	315.0



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

