

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041320\
 Data File : VD065626.D
 Acq On : 13 Apr 2020 19:38
 Operator : VA/SY
 Sample : L2230-07
 Misc : 5.89G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Apr 14 04:37:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 10 01:39:58 2020
 Response via : Initial Calibration

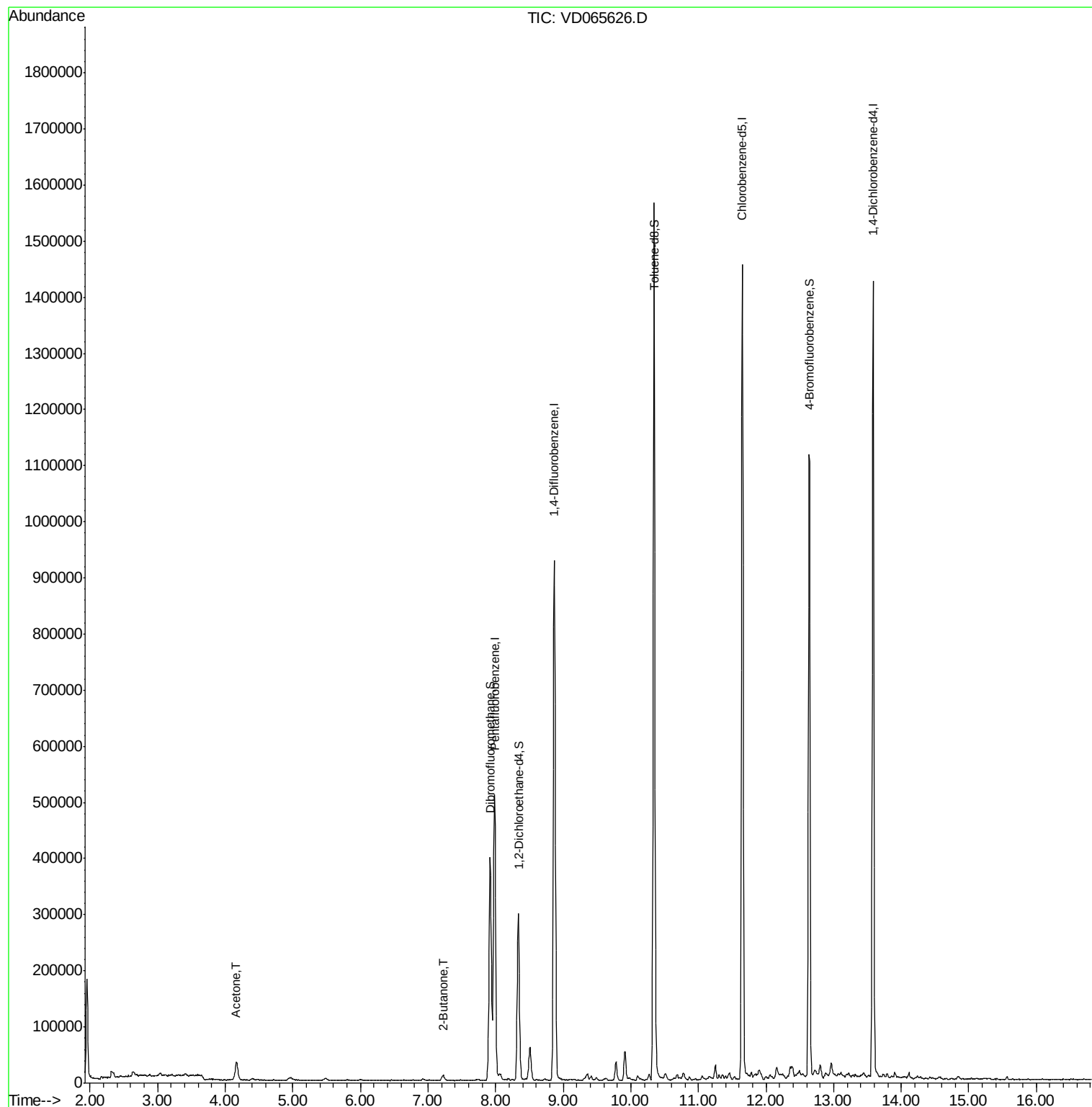
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	398677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	811900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	848543	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	393944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	242454	64.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.60%	
35) Dibromofluoromethane	7.92	113	285300	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.34	98	1042105	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.64	95	356845	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
Target Compounds						
16) Acetone	4.16	43	58047	85.255	ug/l	99
25) 2-Butanone	7.23	43	15536	16.671	ug/l	92

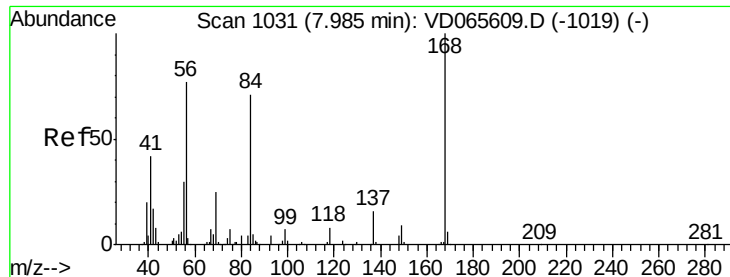
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065626.D

Acq: 13 Apr 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

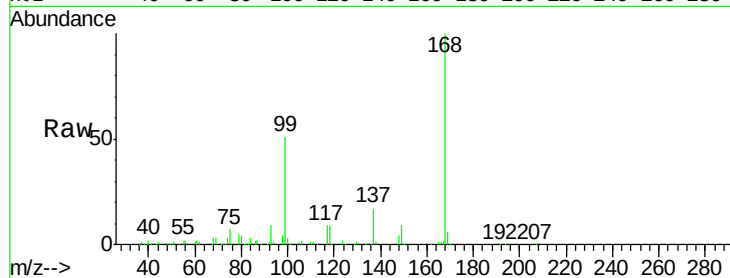
TP-4

Tot Ion:168 Resp: 398677

Ion Ratio Lower Upper

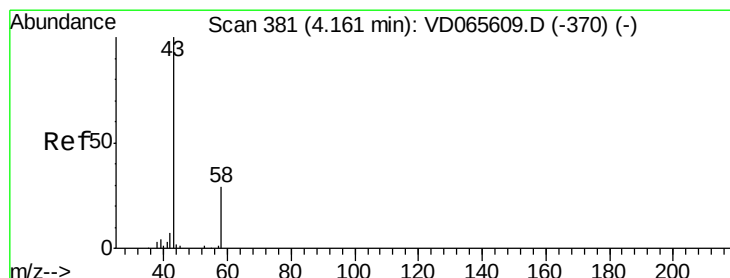
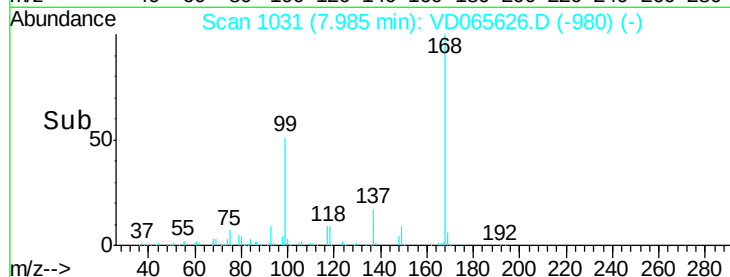
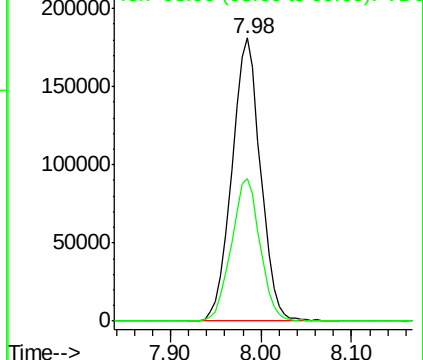
168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 85.255 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD065626.D

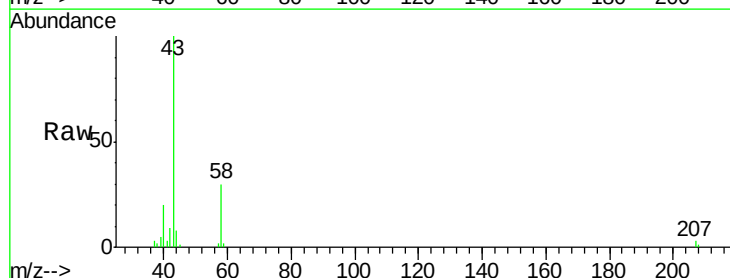
Acq: 13 Apr 2020 19:38

Tgt Ion: 43 Resp: 58047

Ion Ratio Lower Upper

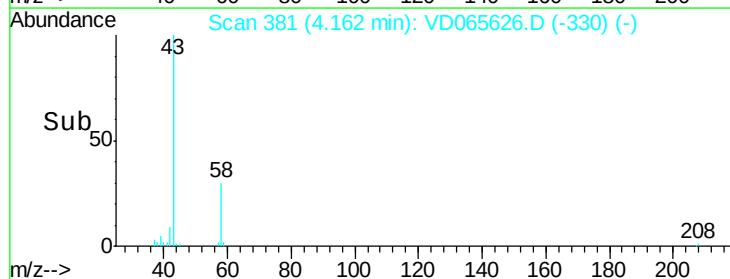
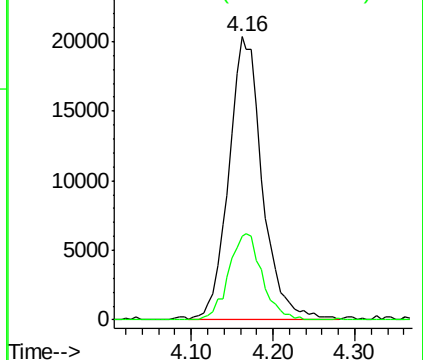
43 100

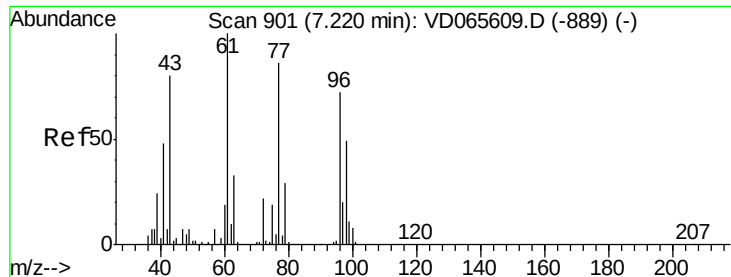
58 29.6 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#25

2-Butanone

Concen: 16.671 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD065626.D

Acq: 13 Apr 2020 19:38

Instrument :

MSVOA_D

ClientSampleId :

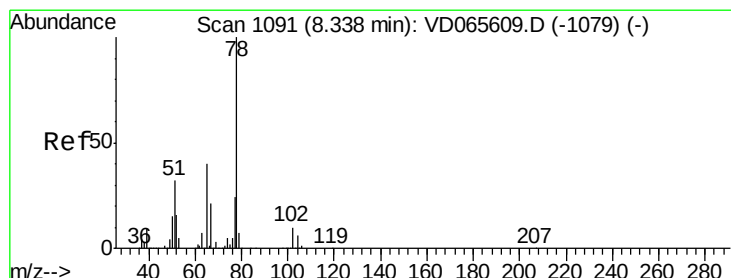
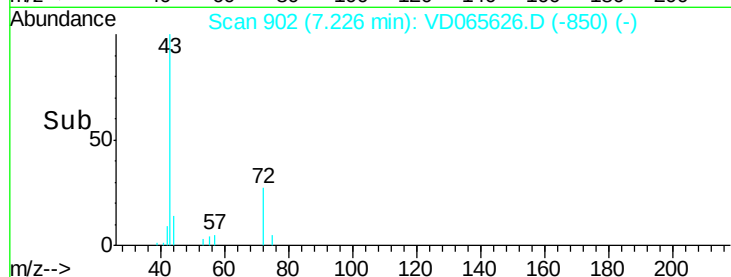
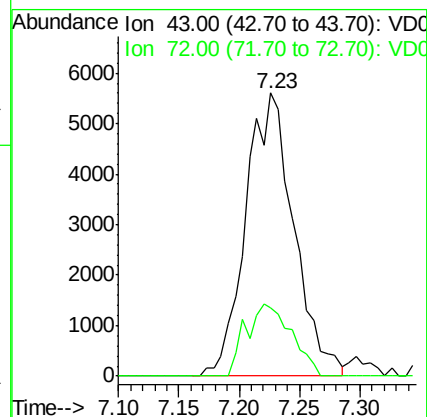
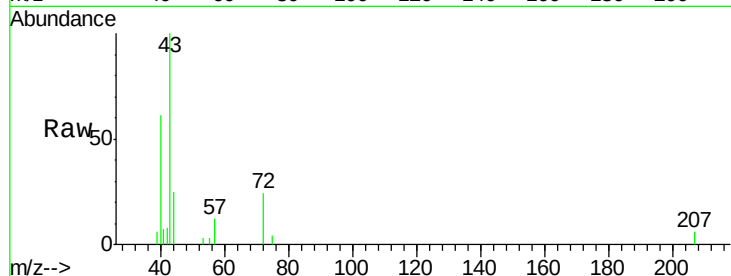
TP-4

Tot Ion: 43 Resp: 15536

Ion Ratio Lower Upper

43 100

72 24.0 22.5 33.7



#33

1,2-Dichloroethane-d4

Concen: 64.303 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD065626.D

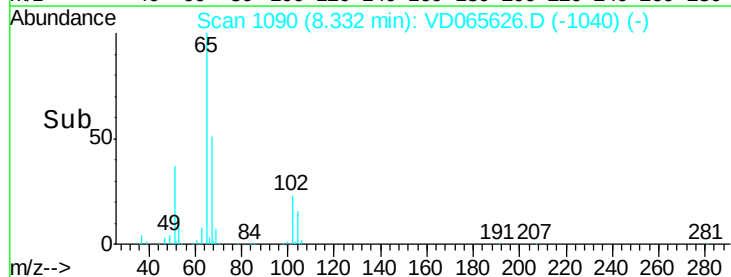
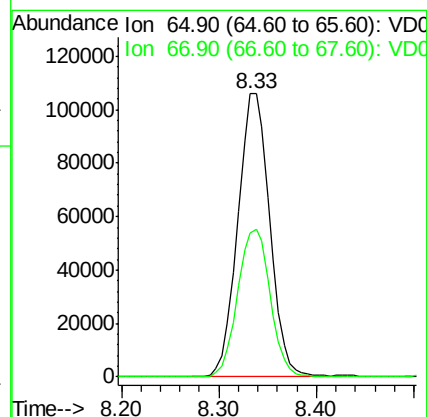
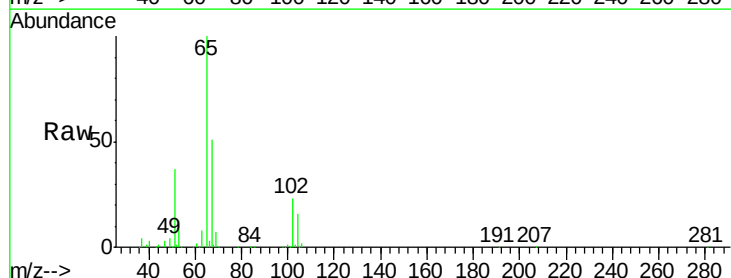
Acq: 13 Apr 2020 19:38

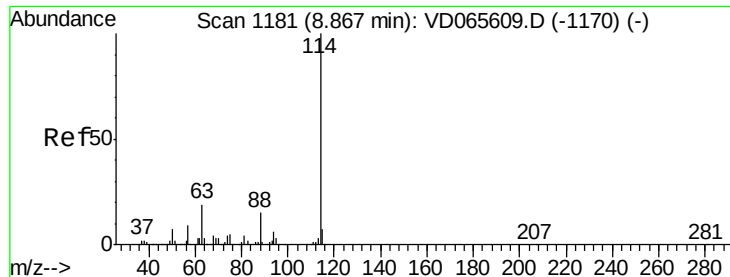
Tgt Ion: 65 Resp: 242454

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.6

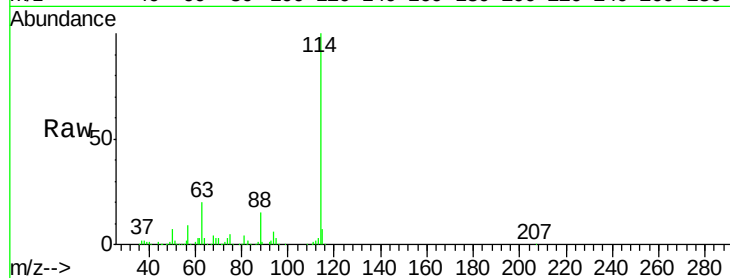




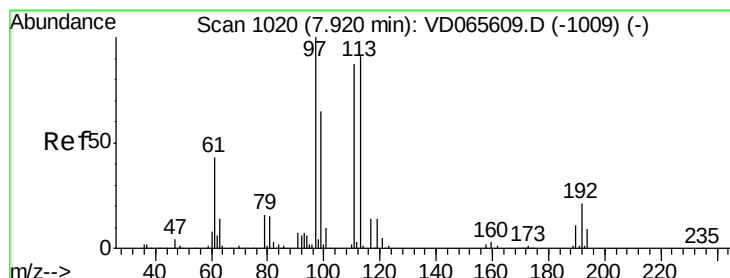
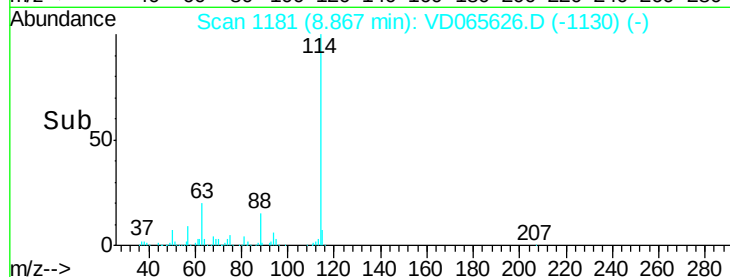
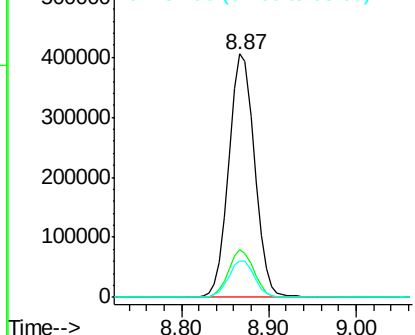
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065626.D
 Acq: 13 Apr 2020 19:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion:114 Resp: 811900
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.2
 88 14.9 0.0 29.6

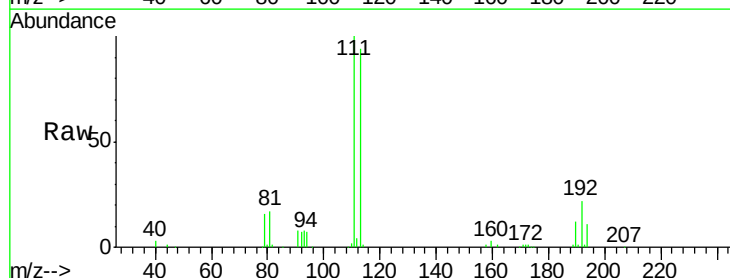


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

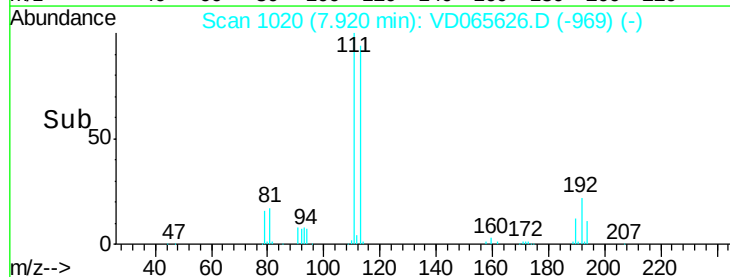
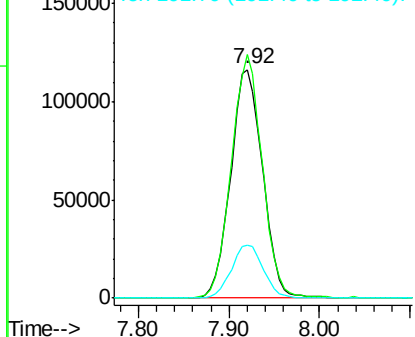


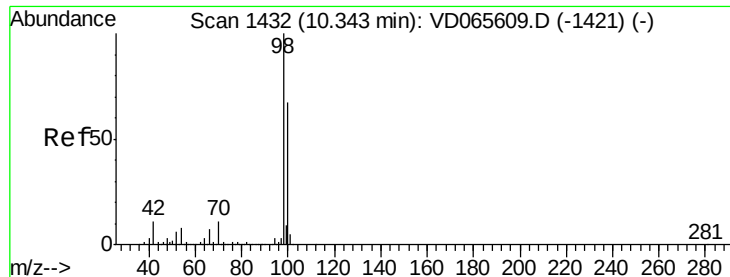
#35
 Dibromofluoromethane
 Concen: 50.298 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD065626.D
 Acq: 13 Apr 2020 19:38

Tgt Ion:113 Resp: 285300
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.6 120.8
 192 23.1 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

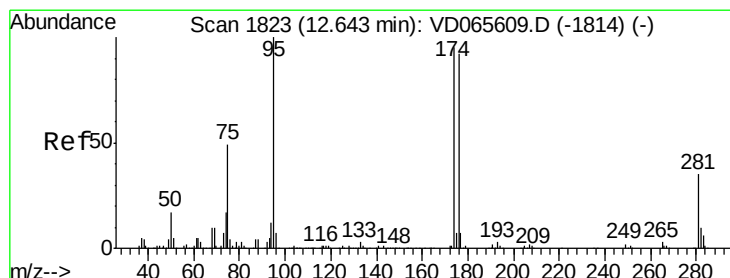
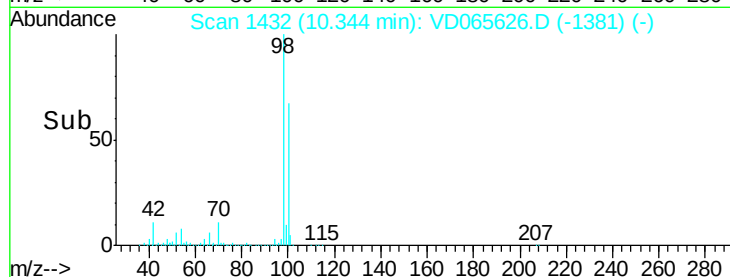
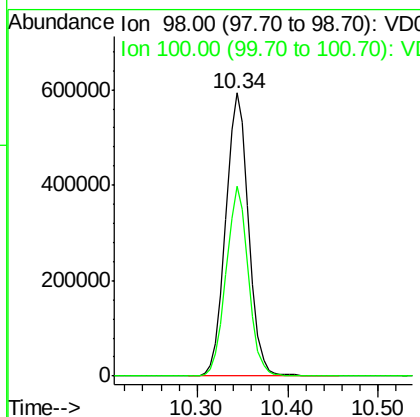
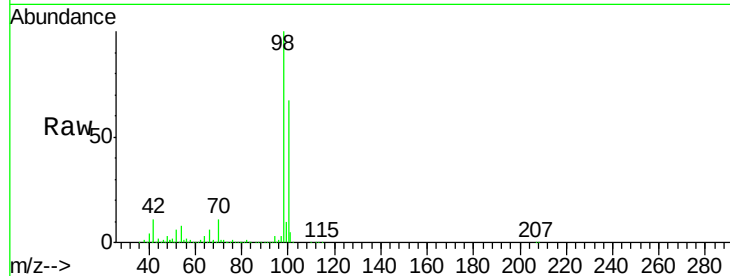




#50
Toluene-d8
Concen: 50.311 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065626.D
Acq: 13 Apr 2020 19:38

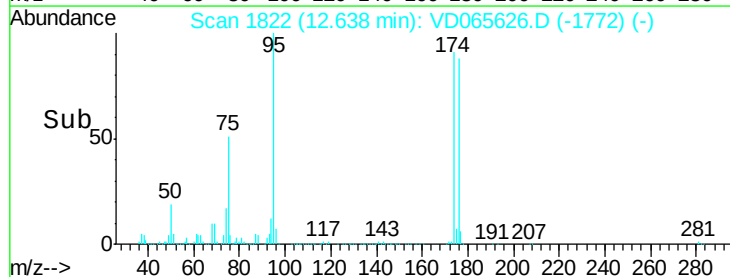
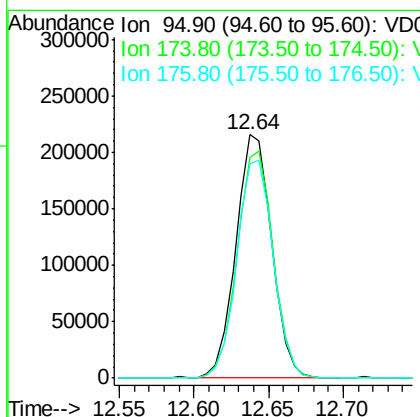
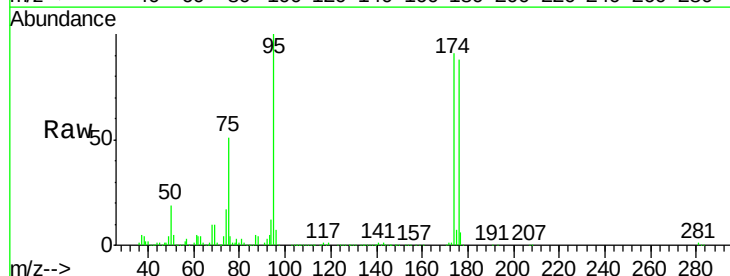
Instrument :
MSVOA_D
ClientSampleId :
TP-4

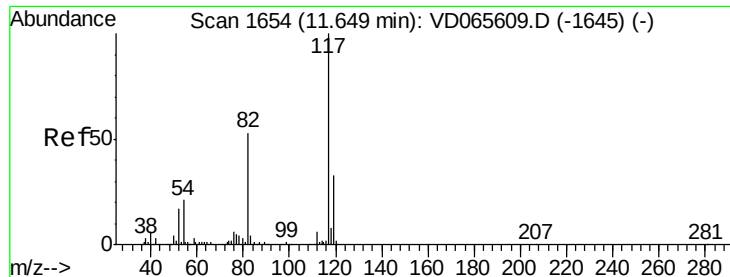
Tot Ion: 98 Resp: 1042105
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 53.612 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.01 min
Lab File: VD065626.D
Acq: 13 Apr 2020 19:38

Tgt Ion: 95 Resp: 356845
Ion Ratio Lower Upper
95 100
174 94.5 0.0 182.8
176 91.4 0.0 176.6

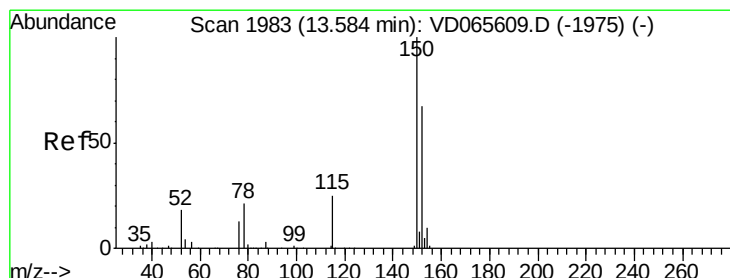
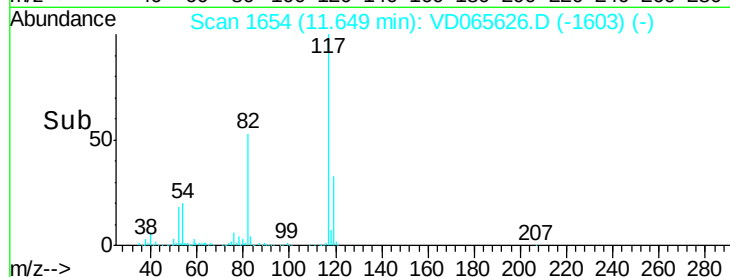
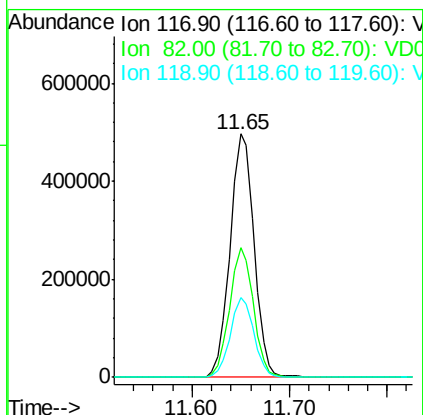
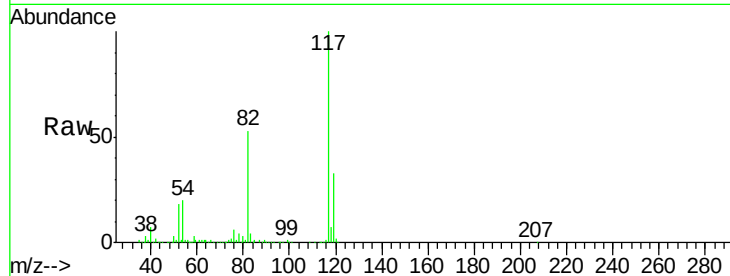




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065626.D
Acq: 13 Apr 2020 19:38

Instrument :
MSVOA_D
ClientSampleId :
TP-4

Tot Ion:117 Resp: 848543
Ion Ratio Lower Upper
117 100
82 53.5 42.6 64.0
119 32.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065626.D
Acq: 13 Apr 2020 19:38

Tgt Ion:152 Resp: 393944
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.2
150 158.3 0.0 348.2

