

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064639.D
 Acq On : 27 Dec 2019 12:30
 Operator : VA/SY
 Sample : K6437-02RE
 Misc : 6.16G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-2-(3-5)RE

Quant Time: Dec 30 01:35:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

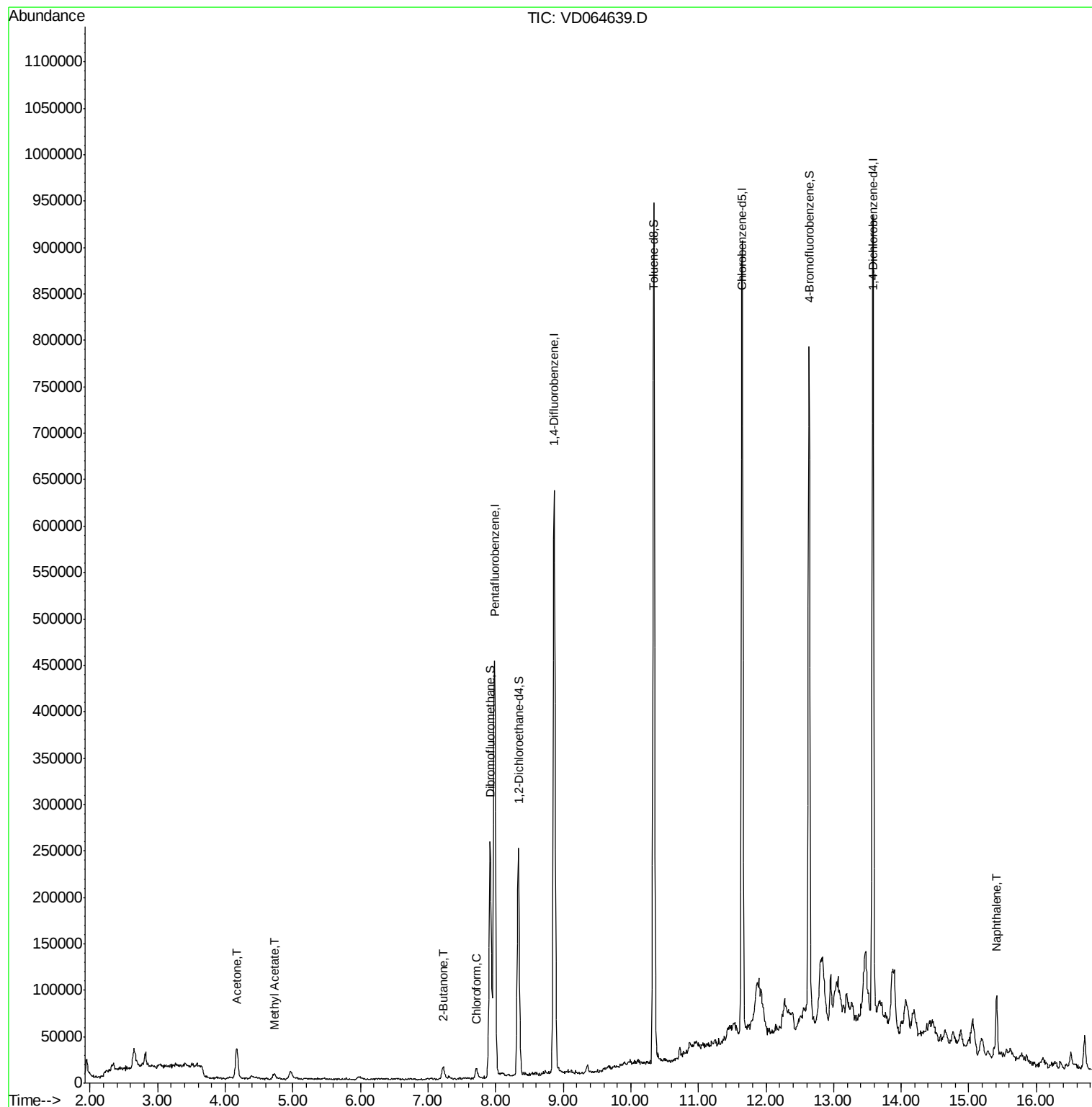
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	358113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	535377	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	490274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	190908	60.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.92%	
35) Dibromofluoromethane	7.92	113	173097	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
50) Toluene-d8	10.34	98	647535	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.64	95	213171	53.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.18%	
Target Compounds						
16) Acetone	4.16	43	60627	87.208	ug/l	93
18) Methyl Acetate	4.73	43	10871	6.115	ug/l	99
25) 2-Butanone	7.23	43	15822	18.228	ug/l	90
30) Chloroform	7.72	83	9693	1.571	ug/l	85
95) Naphthalene	15.41	128	56884	7.108	ug/l #	94

(#) = 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: VD064639.D

Acq: 27 Dec 2019 12:30

Instrument :

MSVOA_D

ClientSampleId :

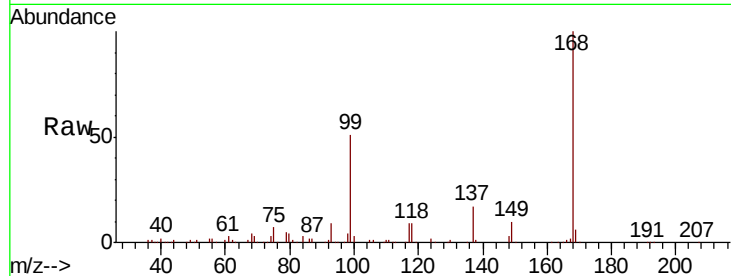
GP-2-(3-5)RE

Tot Ion:168 Resp: 358113

Ion Ratio Lower Upper

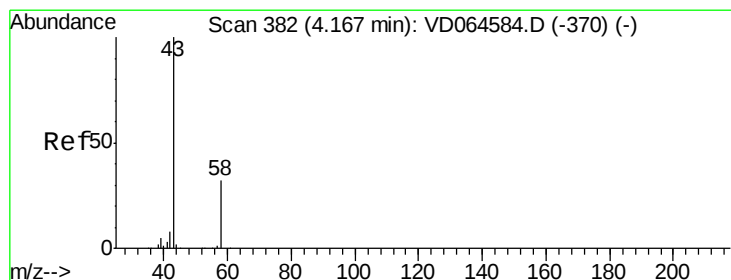
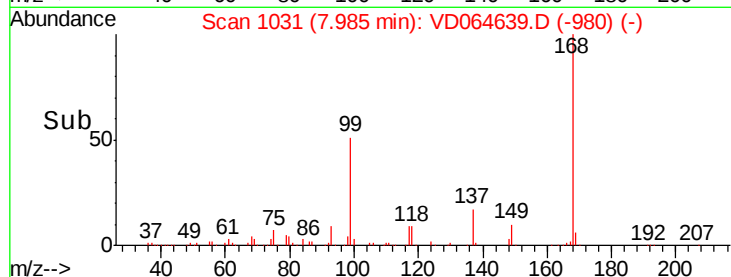
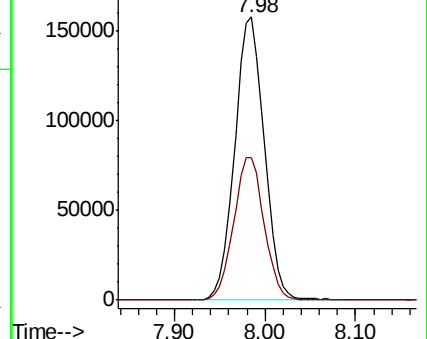
168 100

99 50.4 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 87.208 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD064639.D

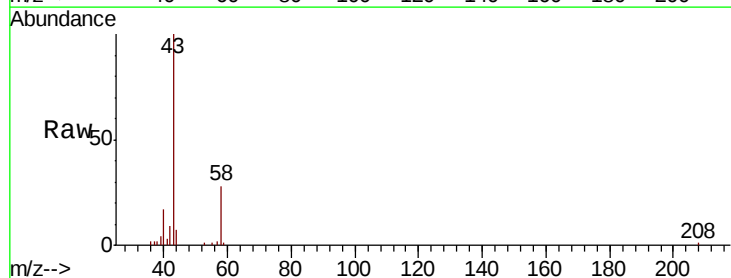
Acq: 27 Dec 2019 12:30

Tgt Ion: 43 Resp: 60627

Ion Ratio Lower Upper

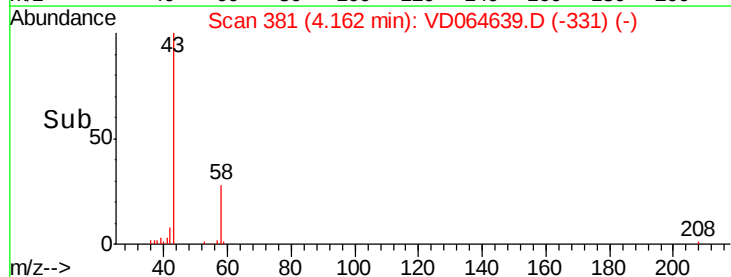
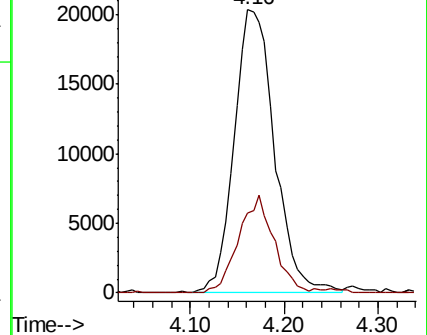
43 100

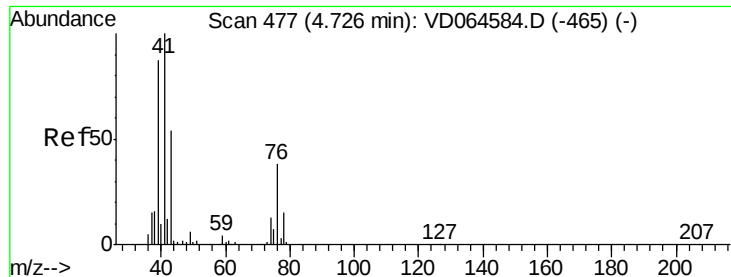
58 28.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

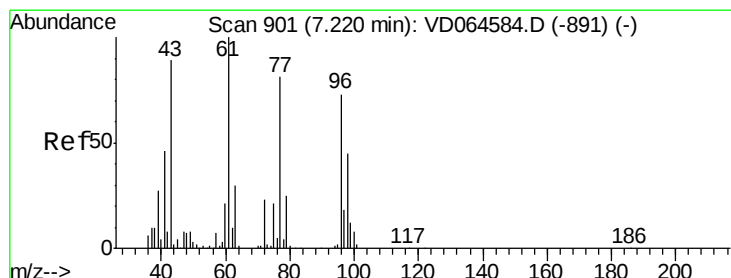
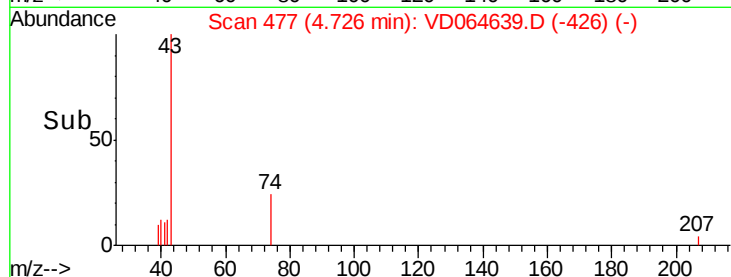
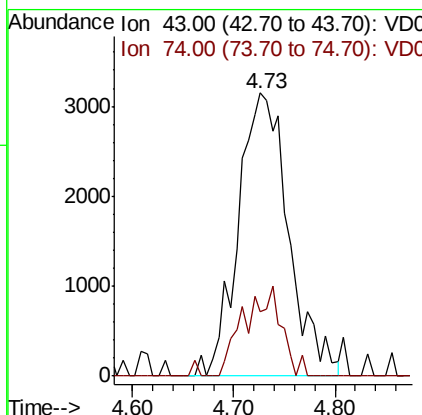
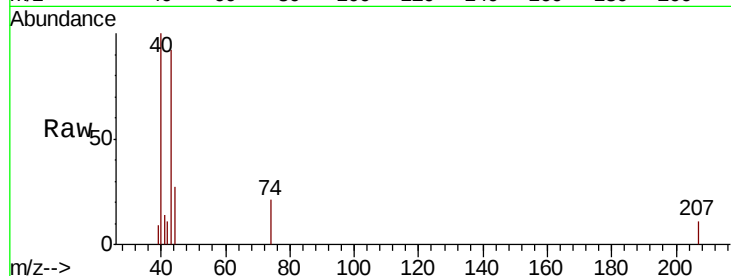




#18
Methvl Acetate
Concen: 6.115 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

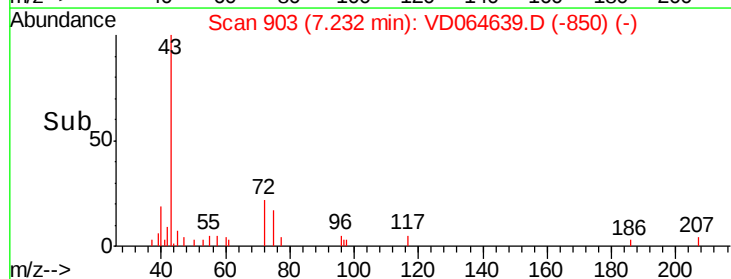
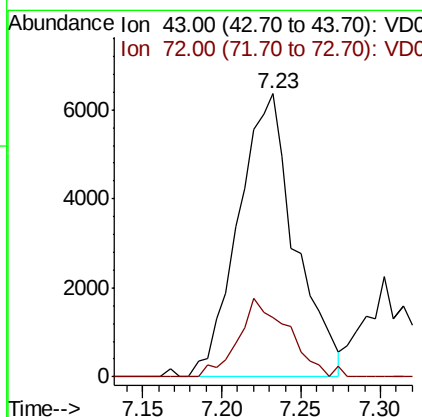
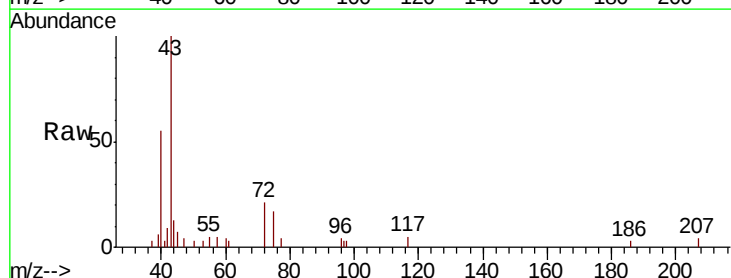
Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)RE

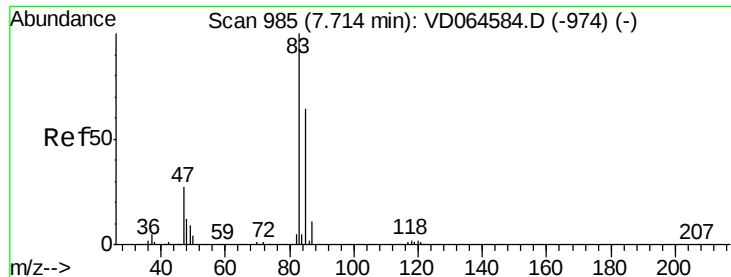
Tot Ion: 43 Resp: 10871
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#25
2-Butanone
Concen: 18.228 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Tgt Ion: 43 Resp: 15822
Ion Ratio Lower Upper
43 100
72 20.8 20.7 31.1

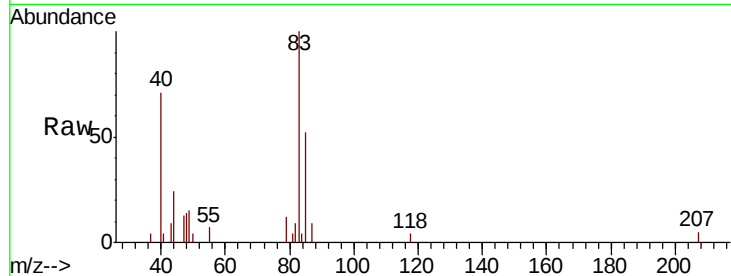




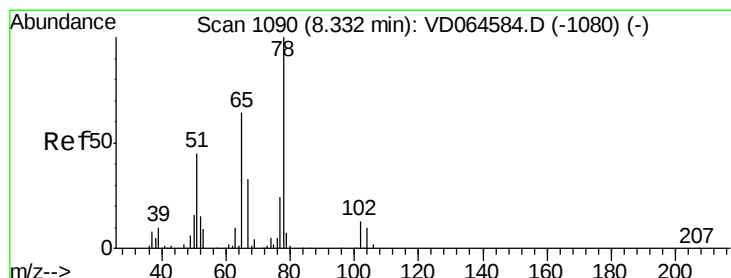
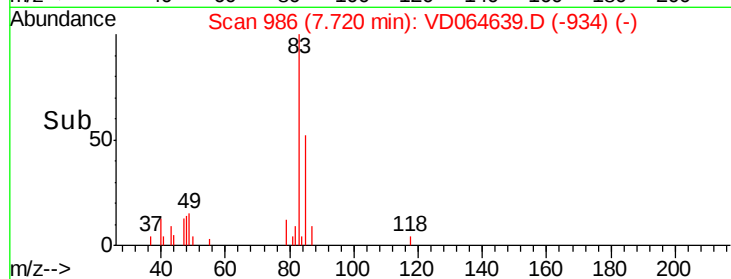
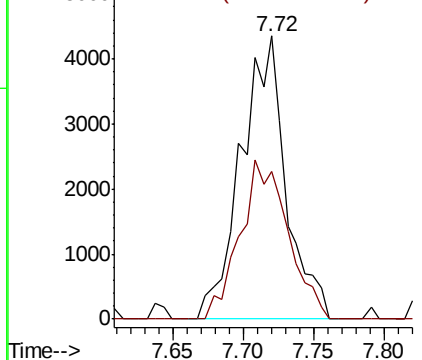
#30
Chloroform
Concen: 1.571 ug/l
RT: 7.72 min Scan# 986
Delta R.T. 0.01 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)RE

Tot Ion: 83 Resp: 9693
Ion Ratio Lower Upper
83 100
85 52.2 51.1 76.7

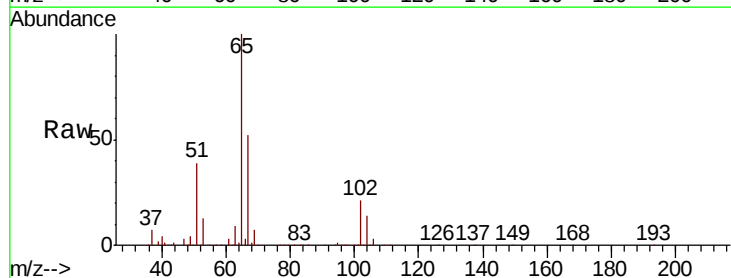


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

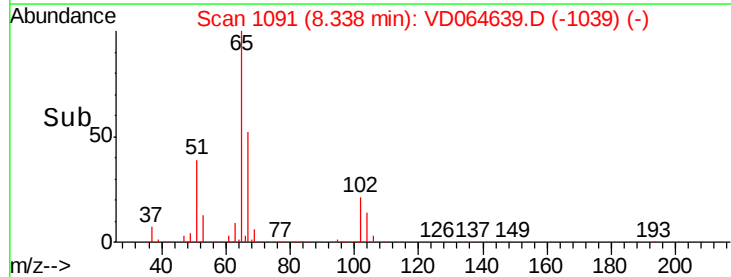
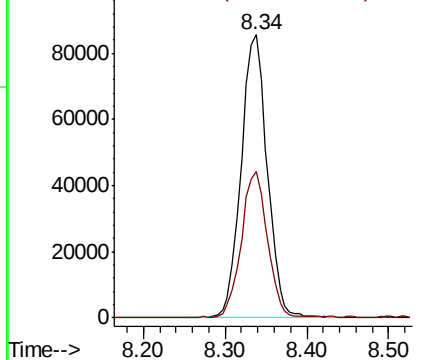


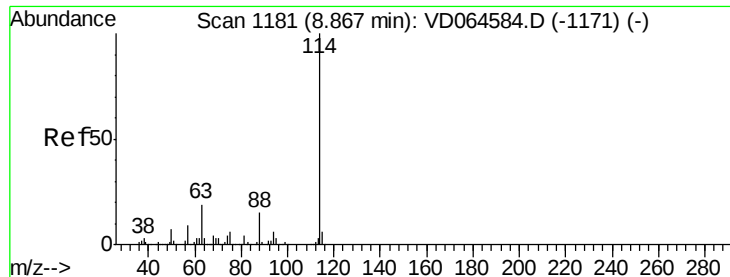
#33
1,2-Dichloroethane-d4
Concen: 60.456 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Tgt Ion: 65 Resp: 190908
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

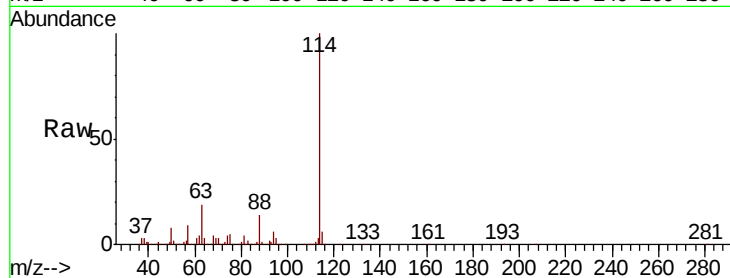




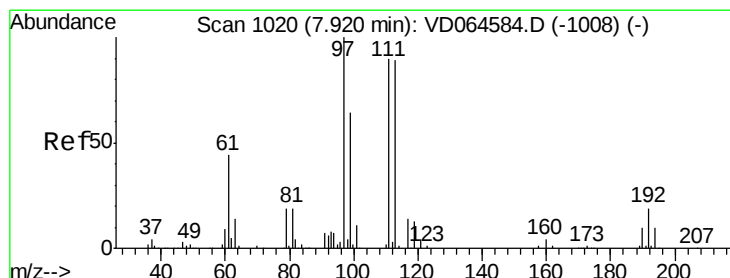
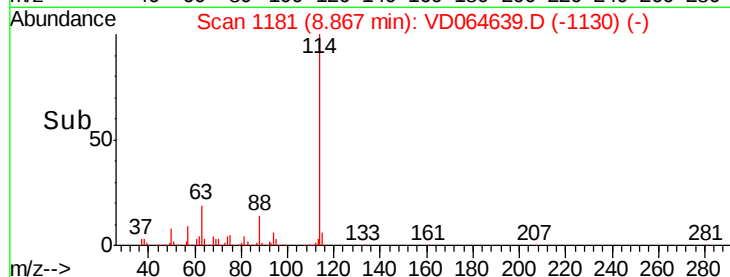
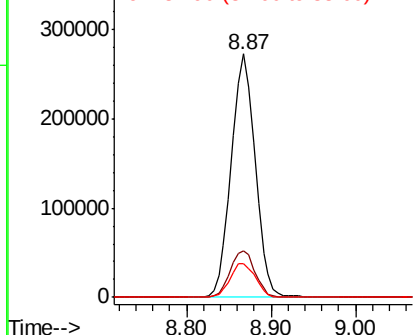
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)RE

Tot Ion:114 Resp: 535377
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.0
88 14.0 0.0 29.2

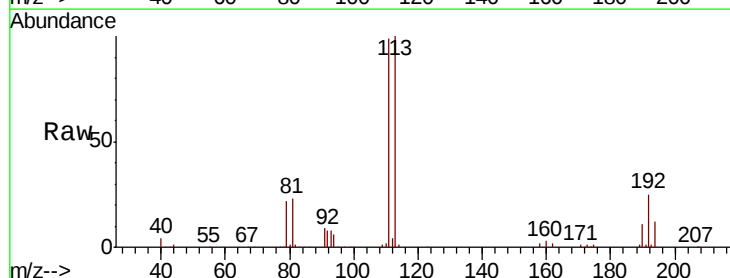


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

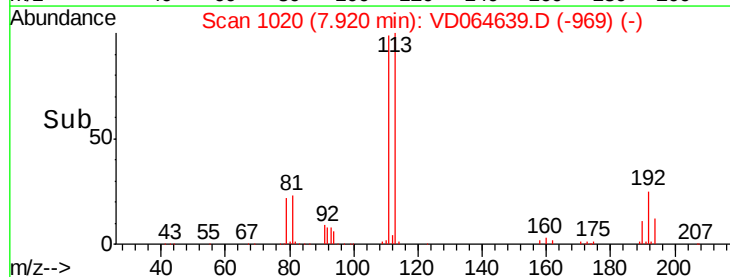
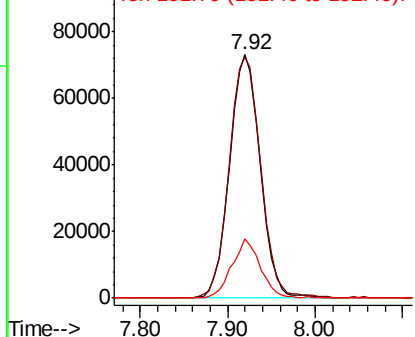


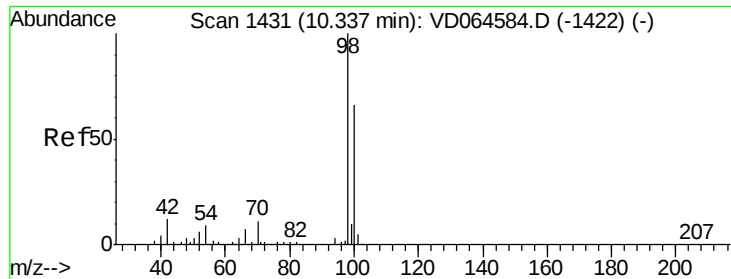
#35
Dibromofluoromethane
Concen: 52.699 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Tgt Ion:113 Resp: 173097
Ion Ratio Lower Upper
113 100
111 102.2 80.6 121.0
192 22.6 17.9 26.9



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: 51.474 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064639.D

Acq: 27 Dec 2019 12:30

Instrument :

MSVOA_D

ClientSampleId :

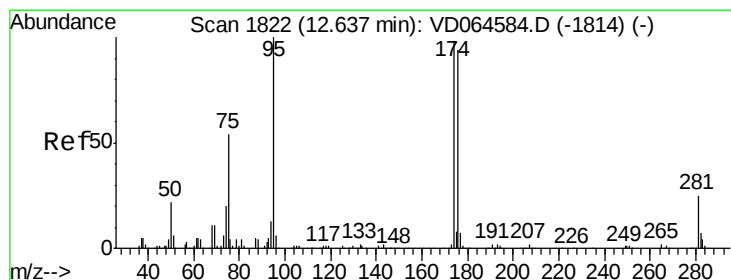
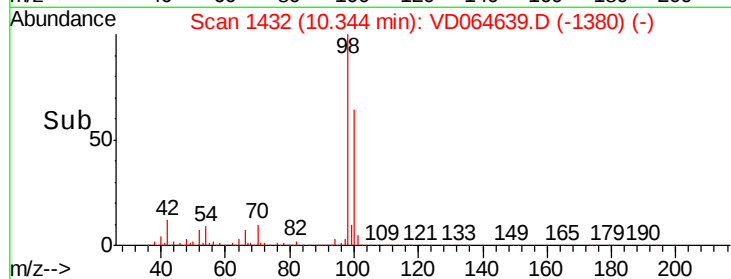
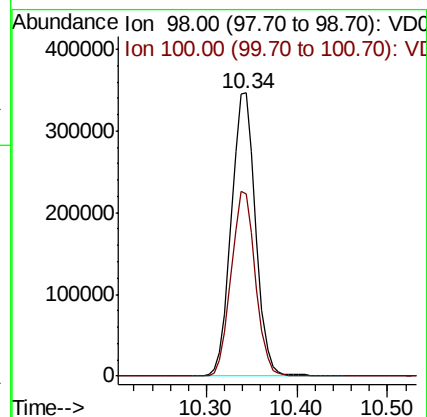
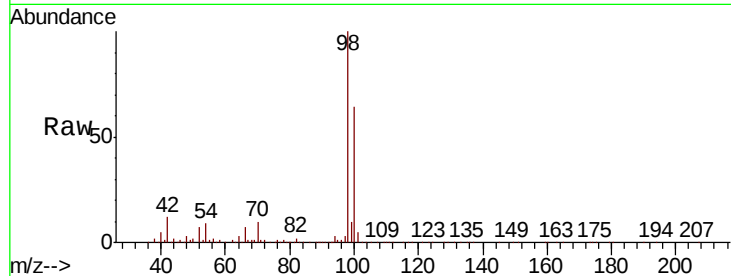
GP-2-(3-5)RE

Tot Ion: 98 Resp: 647535

Ion Ratio Lower Upper

98 100

100 65.2 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 53.589 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064639.D

Acq: 27 Dec 2019 12:30

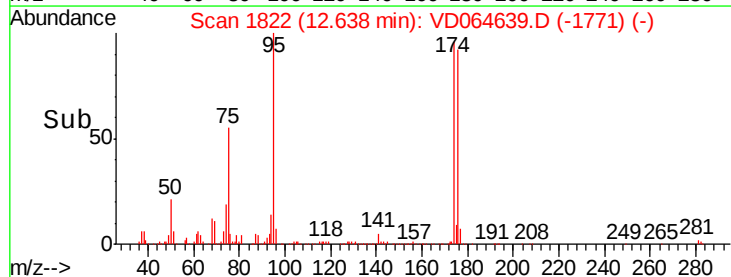
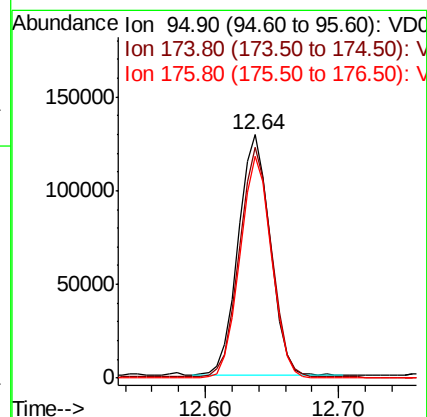
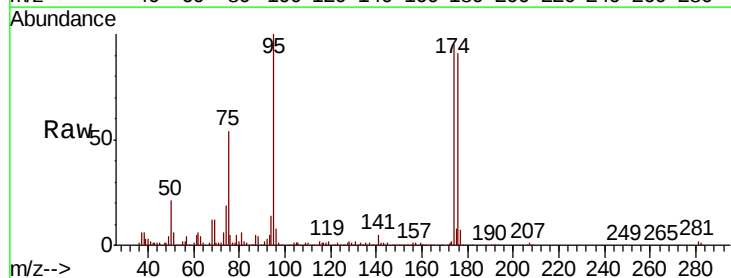
Tgt Ion: 95 Resp: 213171

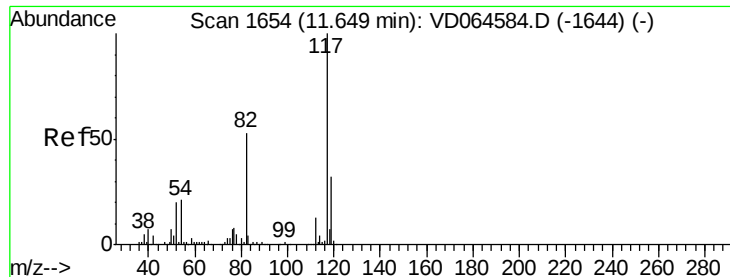
Ion Ratio Lower Upper

95 100

174 95.3 0.0 193.2

176 91.0 0.0 184.2

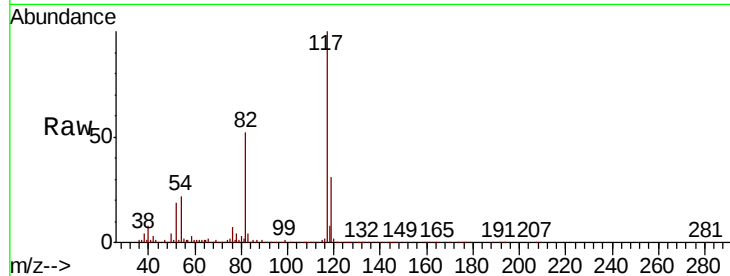




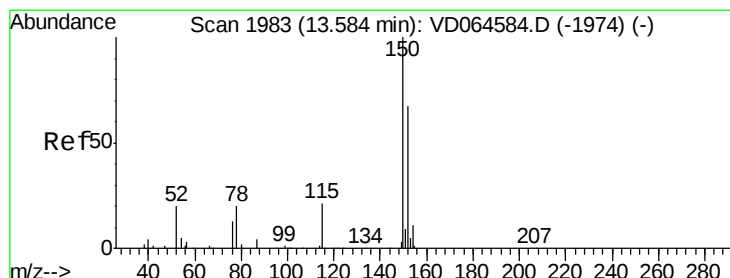
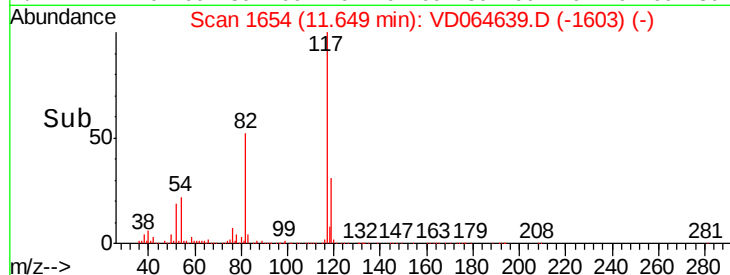
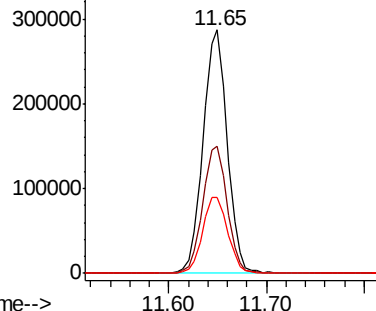
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)RE

Tot Ion:117 Resp: 490274
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 31.0 26.0 39.0

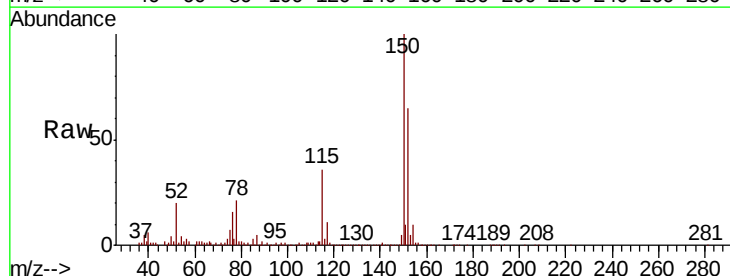


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

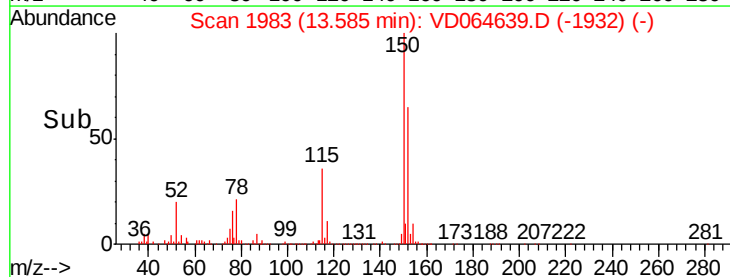
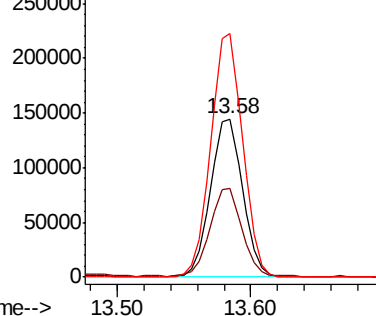


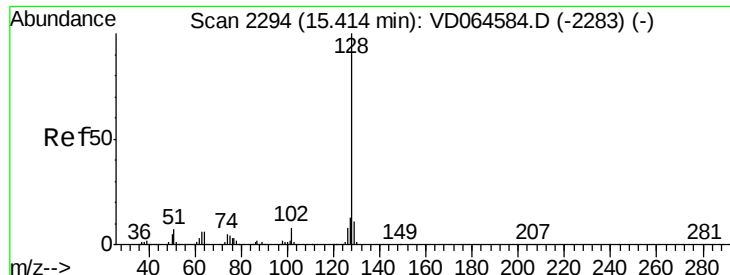
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064639.D
Acq: 27 Dec 2019 12:30

Tgt Ion:152 Resp: 240680
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.4
150 152.7 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 7.108 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064639.D

Acq: 27 Dec 2019 12:30

Instrument :

MSVOA_D

ClientSampleId :

GP-2-(3-5)RE

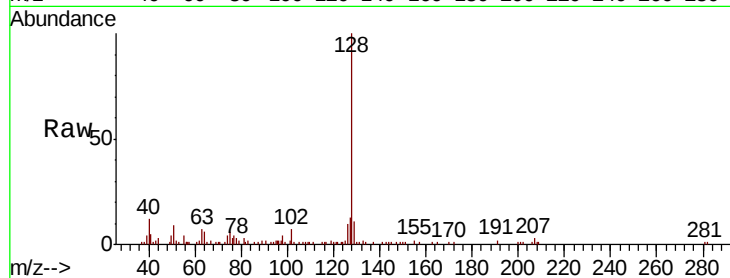
Tot Ion:128 Resp: 56884

Ion Ratio Lower Upper

128 100

127 14.6 10.3 15.5

129 13.8 8.5 12.7#



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

