

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064140.D
 Acq On : 31 Oct 2019 18:44
 Operator : VA/SY
 Sample : K5602-05RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Quant Time: Nov 01 08:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

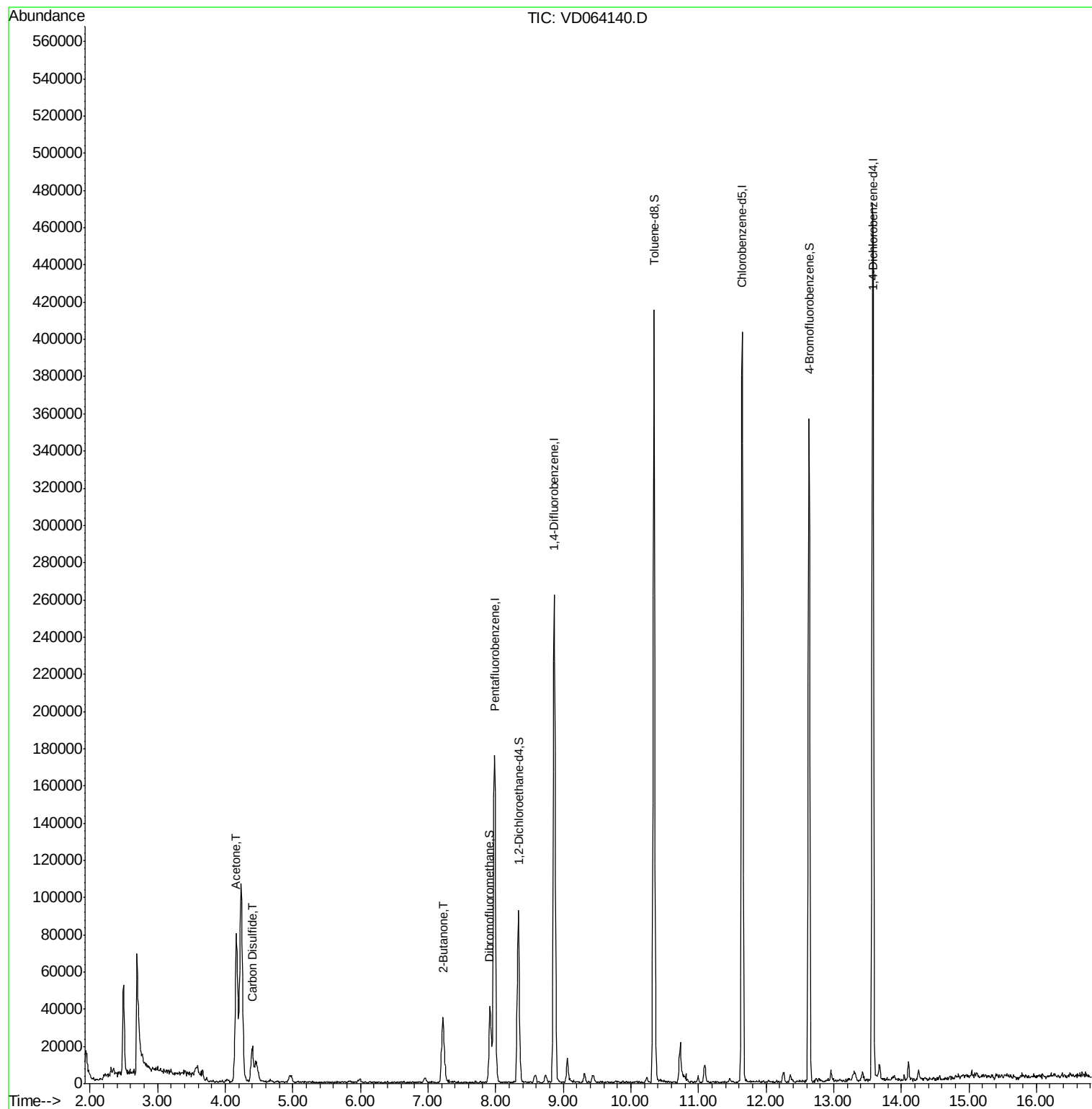
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	145176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	233848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	246466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	70639	61.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.36%	
35) Dibromofluoromethane	7.91	113	27554	19.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.30%	
50) Toluene-d8	10.34	98	279637	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.20%	
62) 4-Bromofluorobenzene	12.64	95	105347	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
Target Compounds						
16) Acetone	4.16	43	137248	624.753	ug/l	99
17) Carbon Disulfide	4.40	76	37516	9.694	ug/l #	93
25) 2-Butanone	7.22	43	31410	103.423	ug/l	91

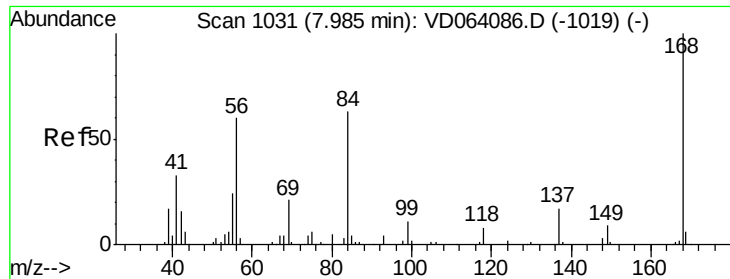
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064140.D

Acq: 31 Oct 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

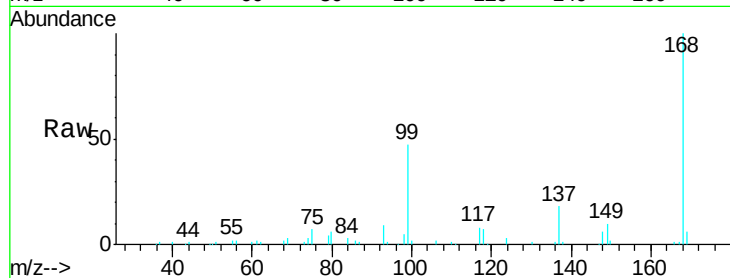
20190942-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 145176

Ion Ratio Lower Upper

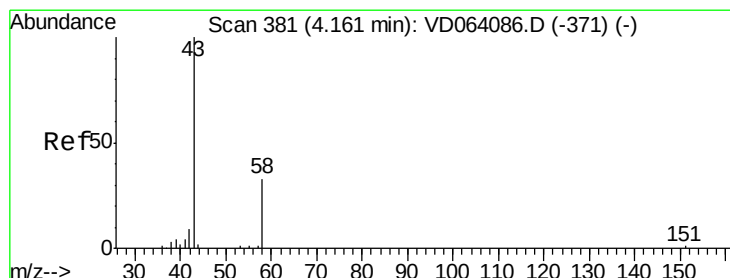
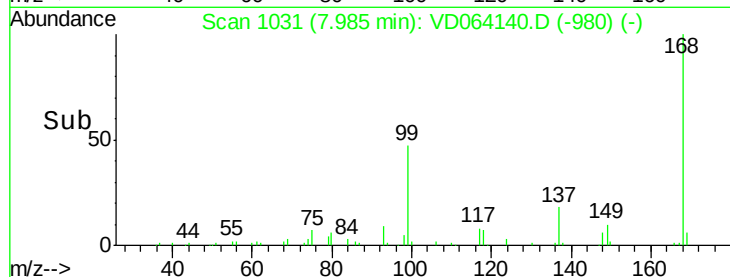
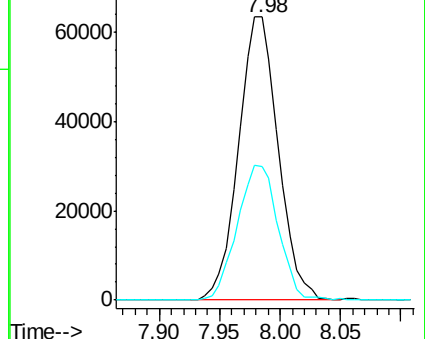
168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 624.753 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD064140.D

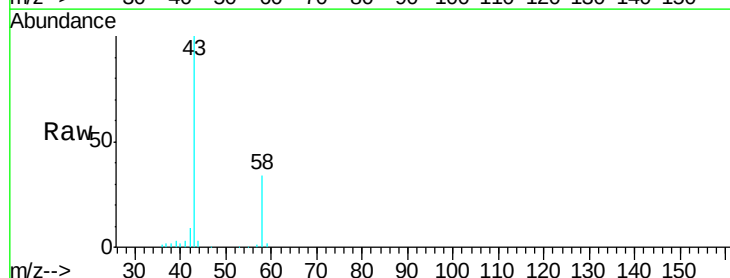
Acq: 31 Oct 2019 18:44

Tgt Ion: 43 Resp: 137248

Ion Ratio Lower Upper

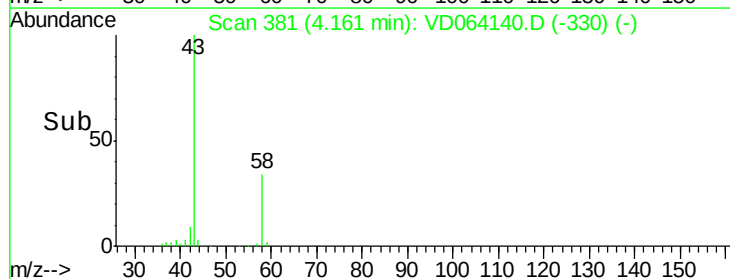
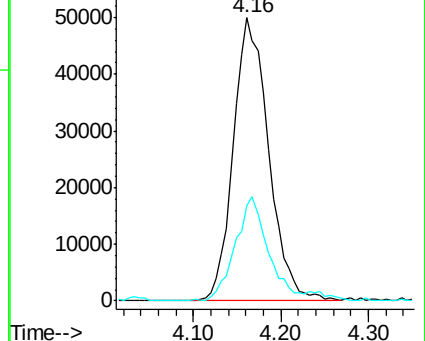
43 100

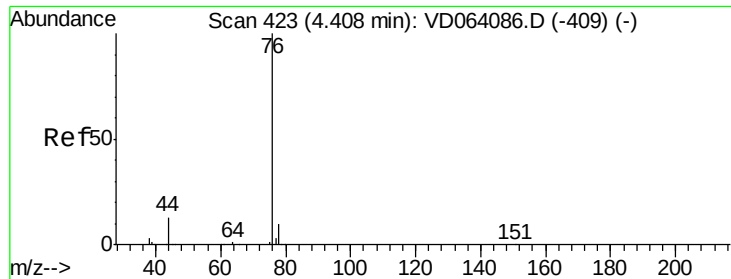
58 33.5 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 9.694 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD064140.D

Acq: 31 Oct 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

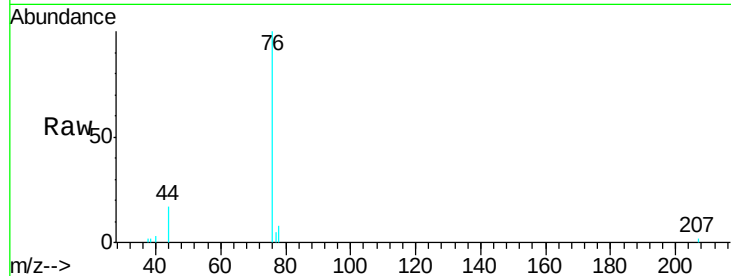
20190942-AMENDED-COMPOSITE-

Tgt Ion: 76 Resp: 37516

Ion Ratio Lower Upper

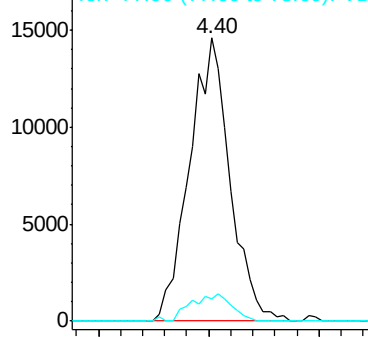
76 100

78 7.7 8.1 12.1#

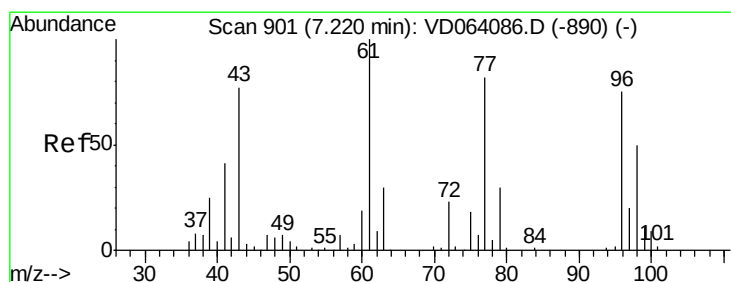
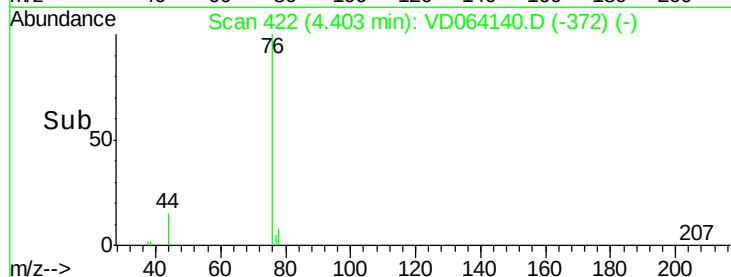


Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



Time-->



#25

2-Butanone

Concen: 103.423 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064140.D

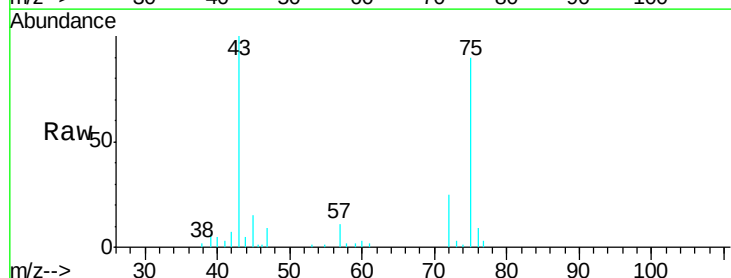
Acq: 31 Oct 2019 18:44

Tgt Ion: 43 Resp: 31410

Ion Ratio Lower Upper

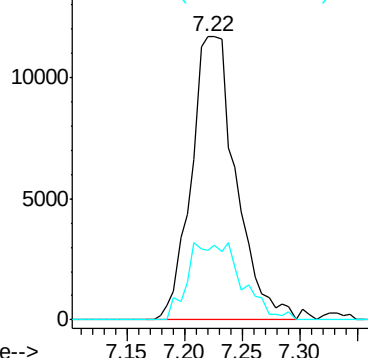
43 100

72 24.5 23.4 35.0

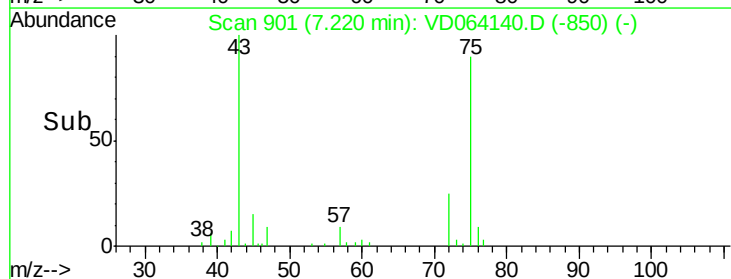


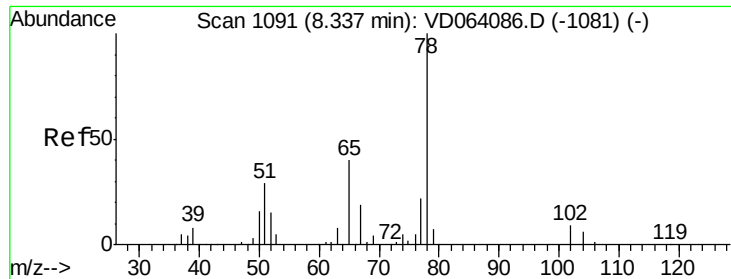
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 61.181 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064140.D

Acq: 31 Oct 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

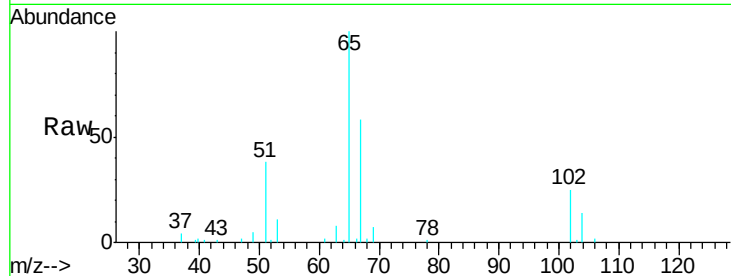
20190942-AMENDED-COMPOSITE-

Tgt Ion: 65 Resp: 70639

Ion Ratio Lower Upper

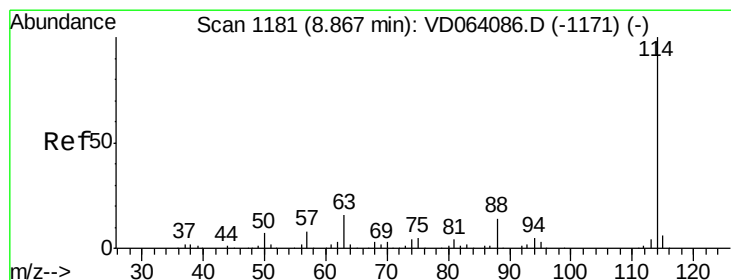
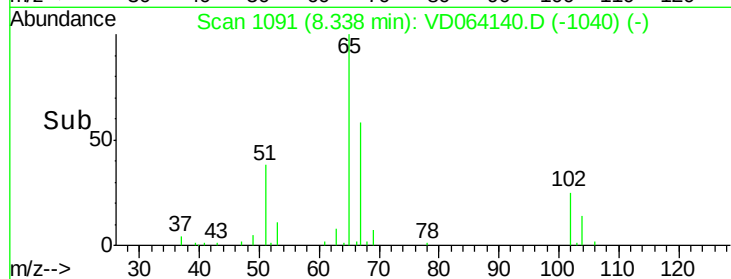
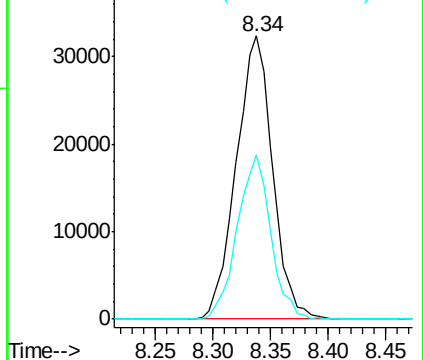
65 100

67 53.2 0.0 104.6



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: VD064140.D

Acq: 31 Oct 2019 18:44

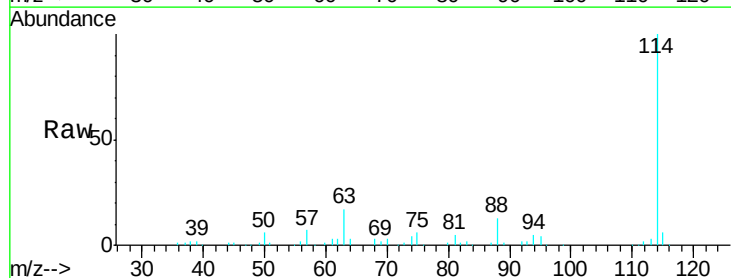
Tgt Ion: 114 Resp: 233848

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.8

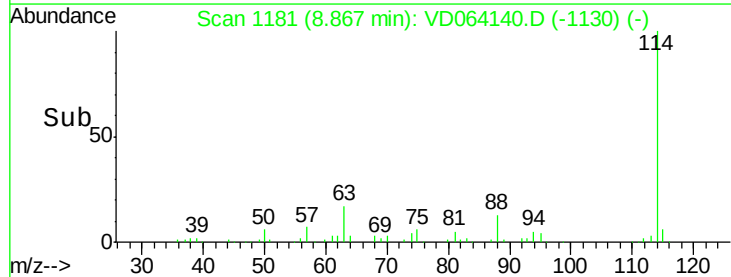
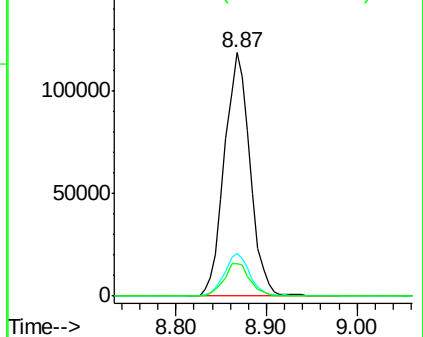
88 13.1 0.0 27.6

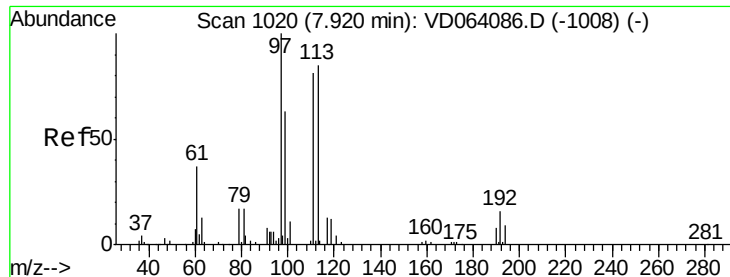


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

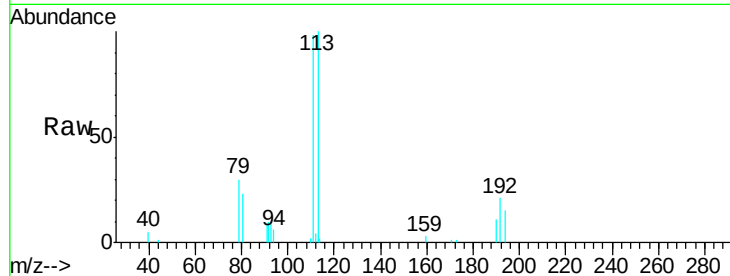




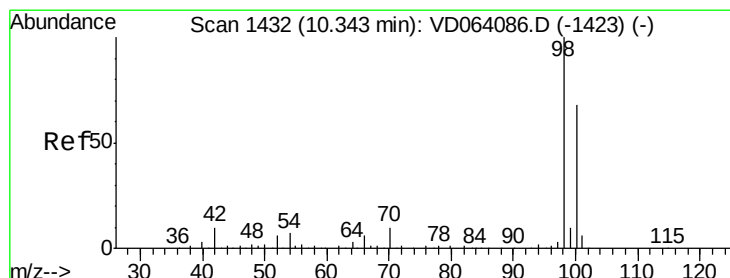
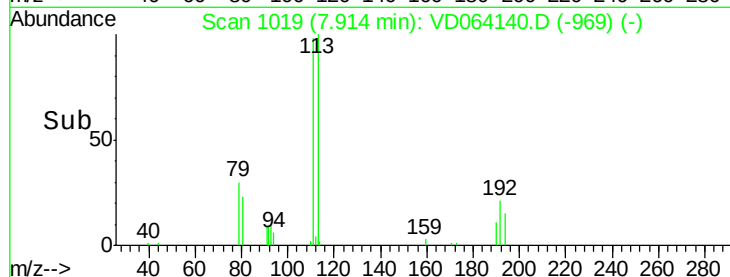
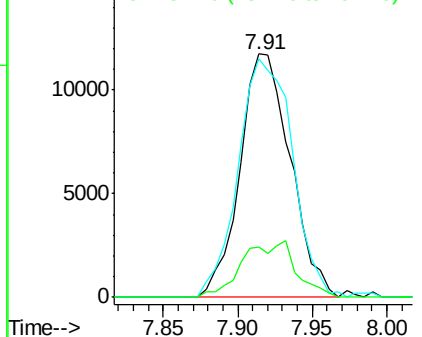
#35
 Dibromofluoromethane
 Concen: 19.152 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064140.D
 Acq: 31 Oct 2019 18:44

Instrument :
 MSVOA_D
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Tgt Ion:113 Resp: 27554
 Ion Ratio Lower Upper
 113 100
 111 105.2 79.3 118.9
 192 24.6 16.2 24.2#

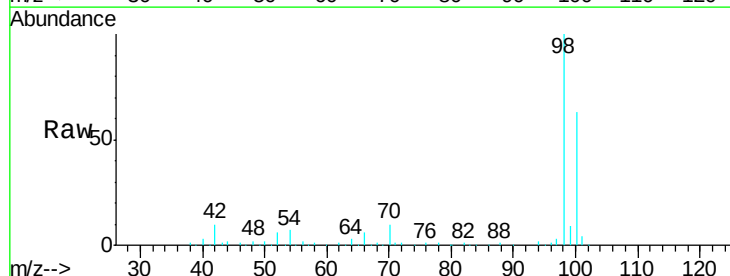


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

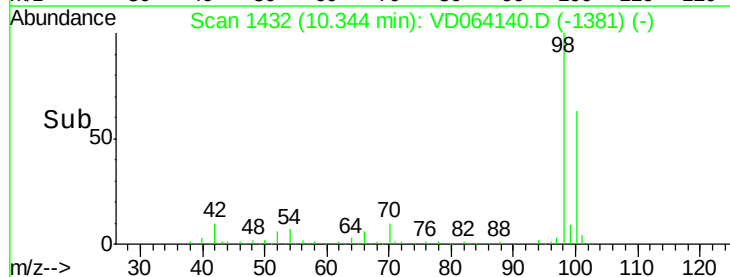
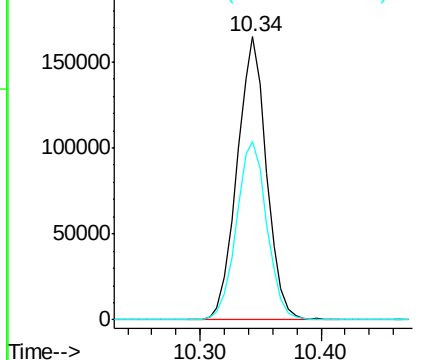


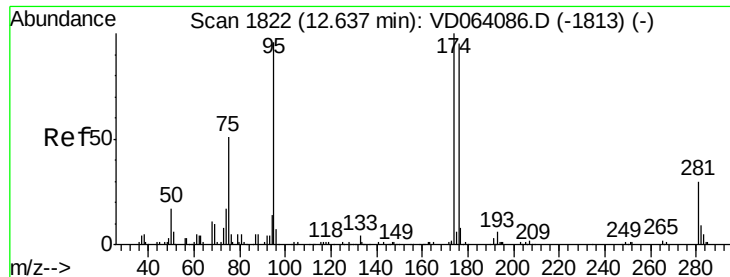
#50
 Toluene-d8
 Concen: 48.602 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064140.D
 Acq: 31 Oct 2019 18:44

Tgt Ion: 98 Resp: 279637
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

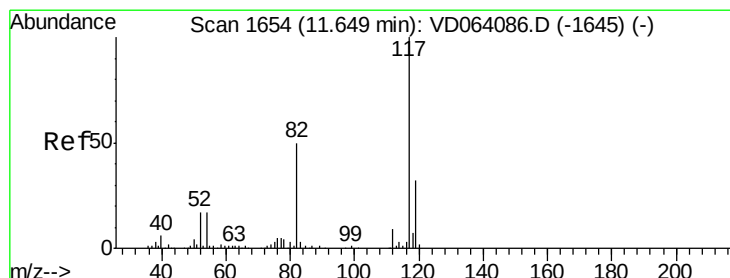
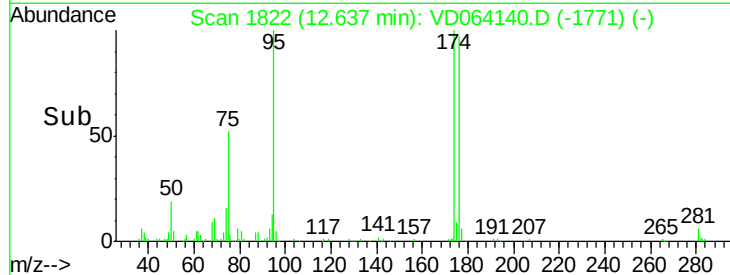
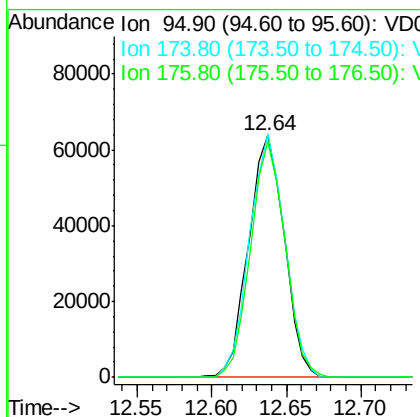
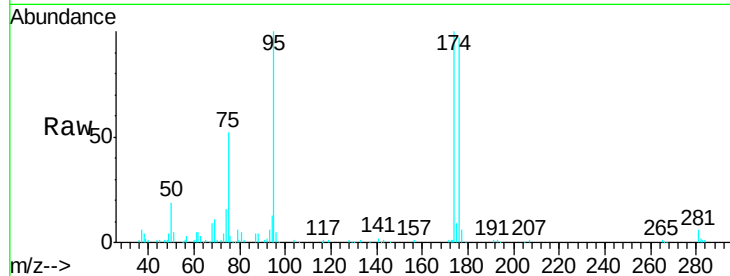




#62
4-Bromofluorobenzene
Concen: 55.228 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064140.D
Acq: 31 Oct 2019 18:44

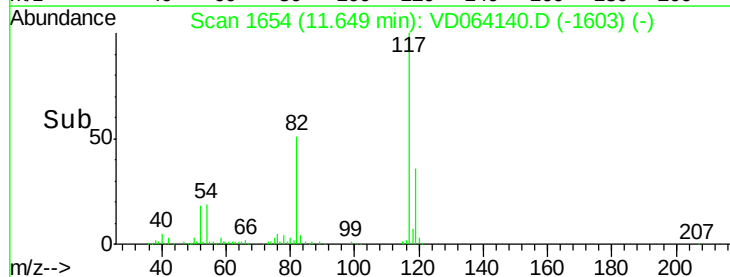
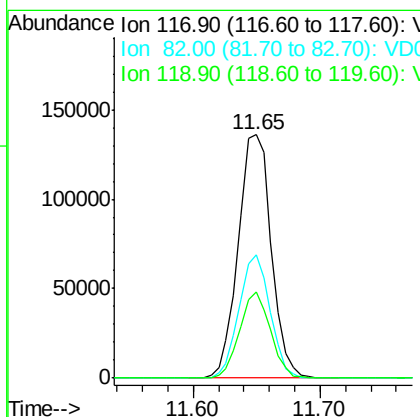
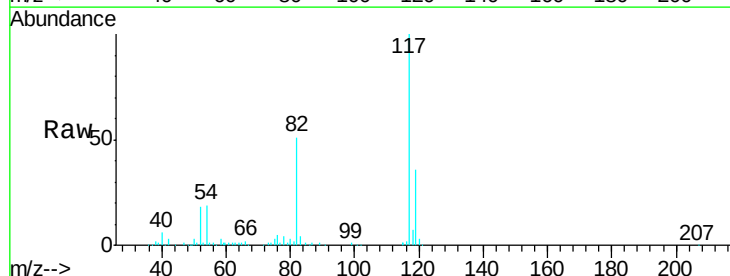
Instrument :
MSVOA_D
ClientSampleId :
20190942-AMENDED-COMPOSITE-

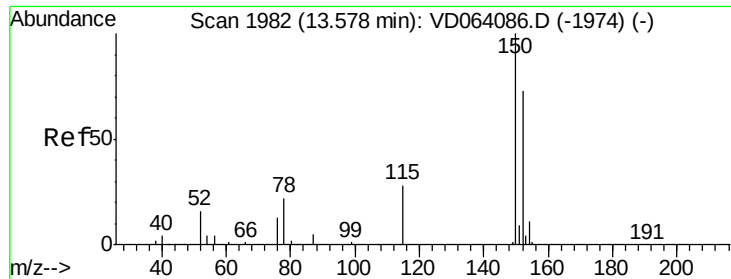
Tgt Ion: 95 Resp: 105347
Ion Ratio Lower Upper
95 100
174 99.7 0.0 201.6
176 94.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064140.D
Acq: 31 Oct 2019 18:44

Tgt Ion: 117 Resp: 246466
Ion Ratio Lower Upper
117 100
82 50.5 40.2 60.4
119 35.5 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064140.D

Acq: 31 Oct 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

20190942-AMENDED-COMPOSITE-

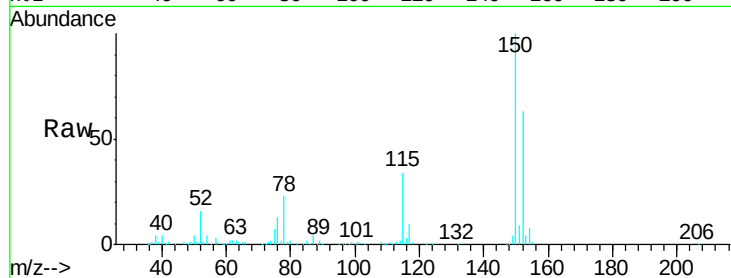
Tgt Ion:152 Resp: 133797

Ion Ratio Lower Upper

152 100

115 54.1 26.2 78.6

150 160.1 0.0 338.8



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

