

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064139.D
 Acq On : 31 Oct 2019 18:15
 Operator : VA/SY
 Sample : K5602-04RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190941-AMENDED-COMPOSITE-

Quant Time: Nov 01 08:10:44 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

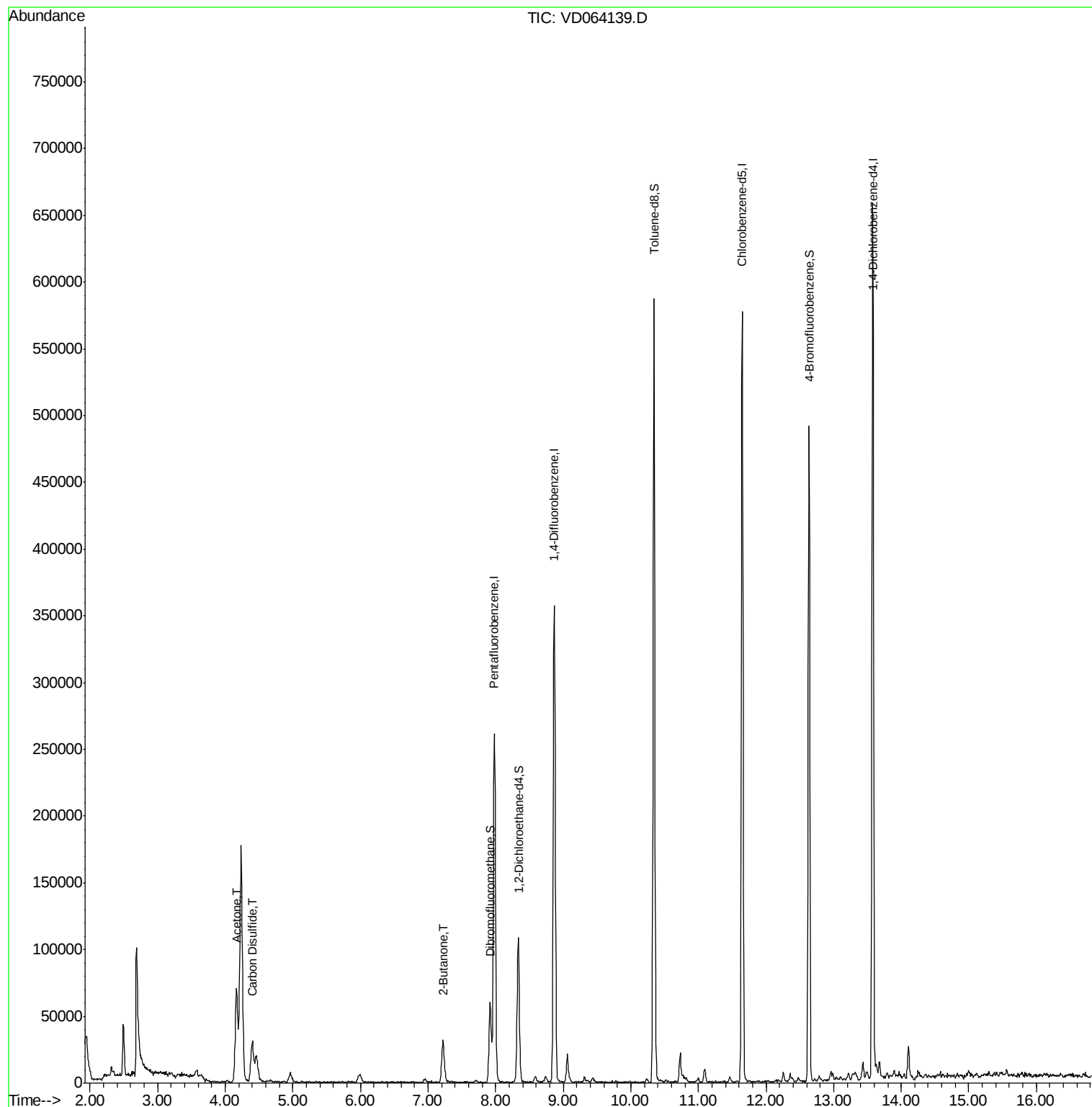
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	210443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	333919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	346042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177291	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	84977	50.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.54%	
35) Dibromofluoromethane	7.91	113	42106	20.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.00%	
50) Toluene-d8	10.34	98	408092	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.64	95	142248	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
Target Compounds						
16) Acetone	4.17	43	123826	388.843	ug/l	99
17) Carbon Disulfide	4.40	76	65142	11.612	ug/l #	91
25) 2-Butanone	7.23	43	30406	69.067	ug/l	99

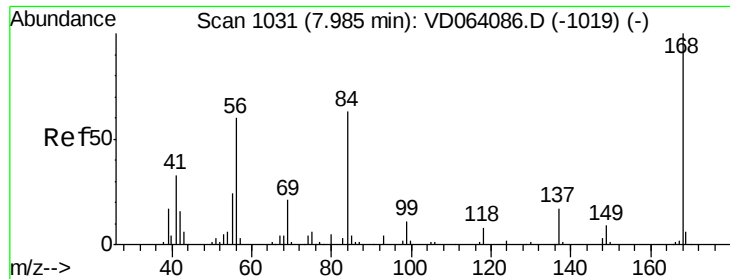
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1030

Delta R.T. -0.01 min

Lab File: VD064139.D

Acq: 31 Oct 2019 18:15

Instrument :

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ClientSampleId :

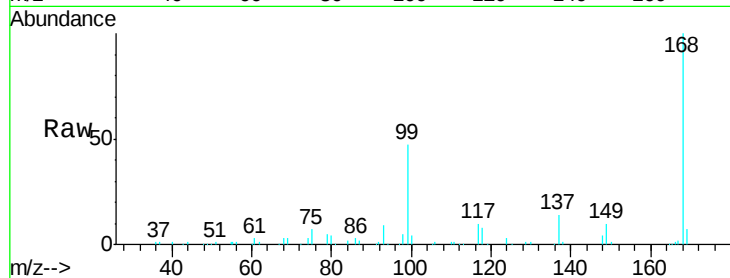
20190941-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 210443

Ion Ratio Lower Upper

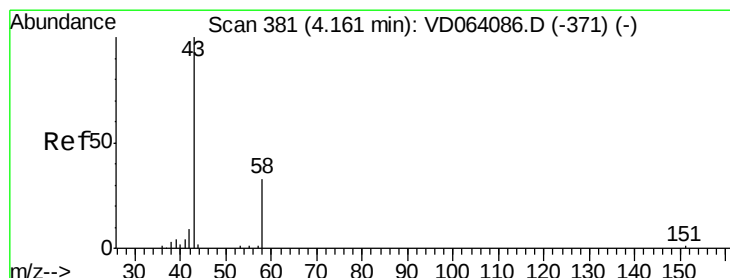
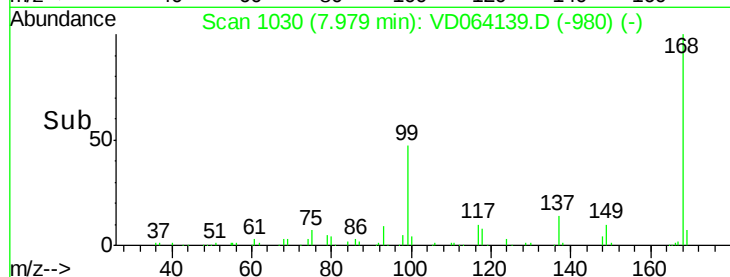
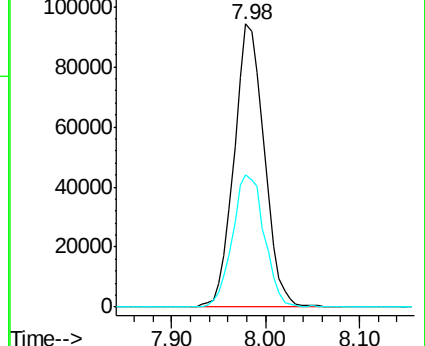
168 100

99 47.0 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: 388.843 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064139.D

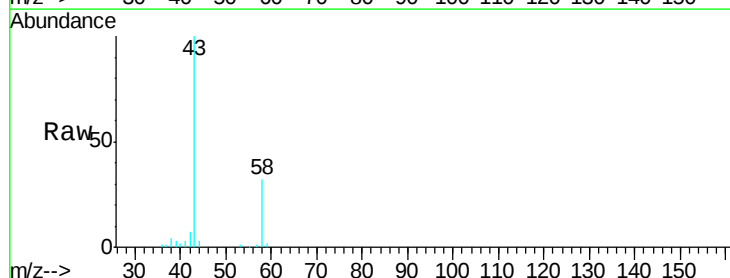
Acq: 31 Oct 2019 18:15

Tgt Ion: 43 Resp: 123826

Ion Ratio Lower Upper

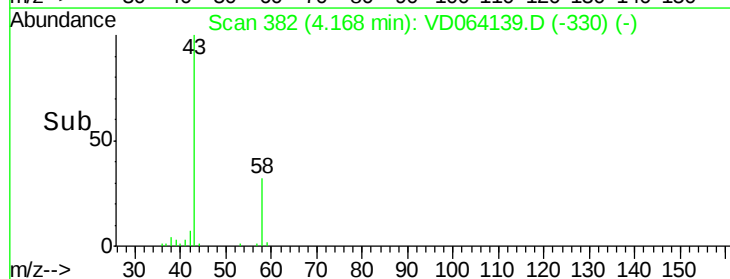
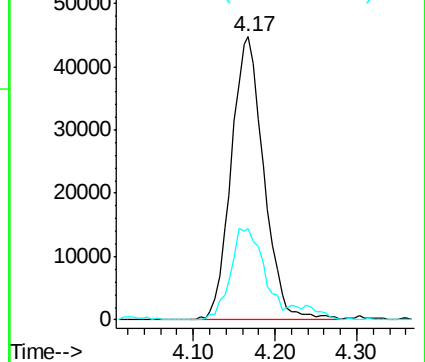
43 100

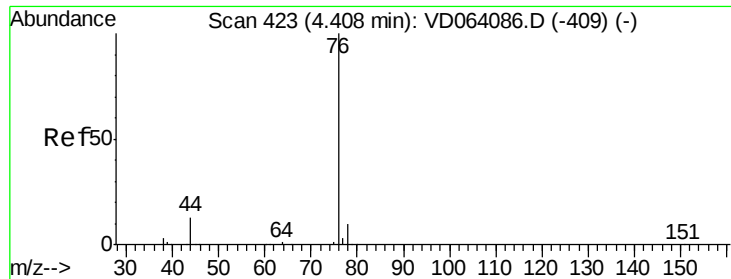
58 32.1 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

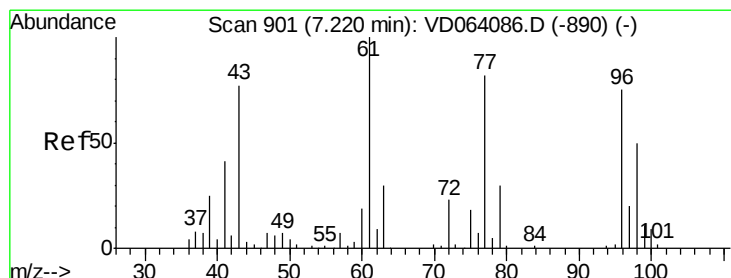
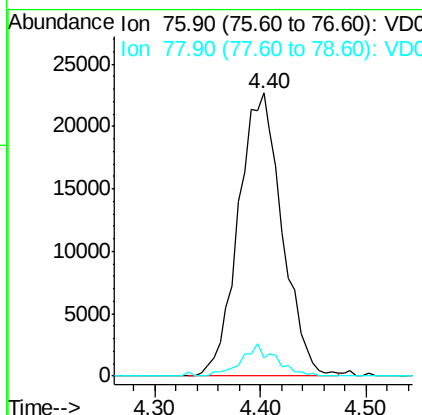
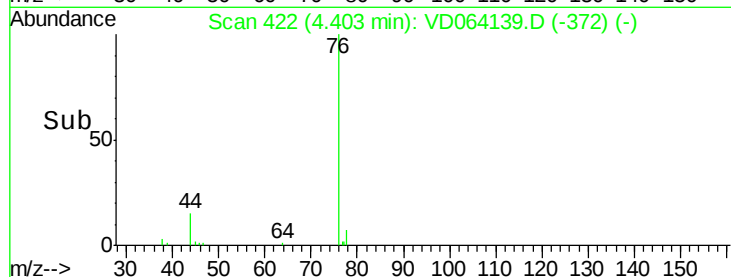
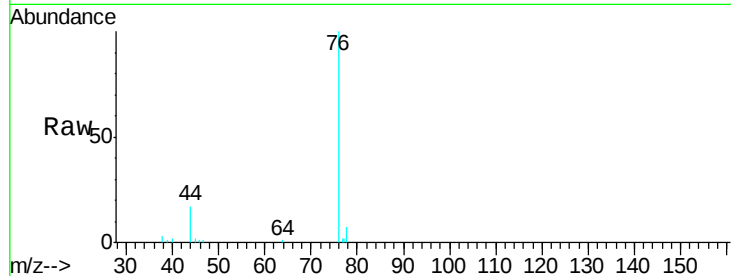




#17
Carbon Disulfide
Concen: 11.612 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

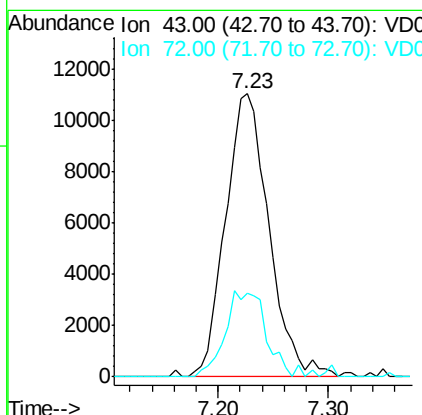
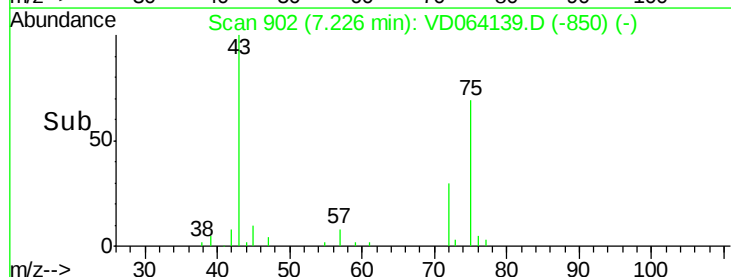
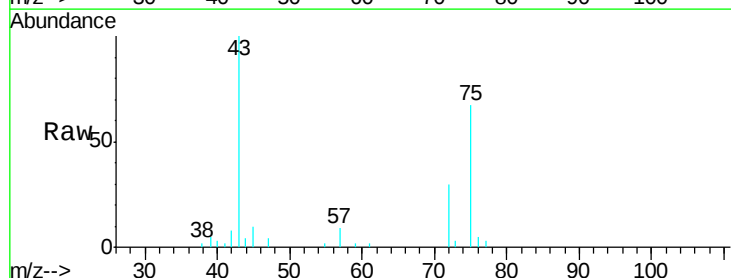
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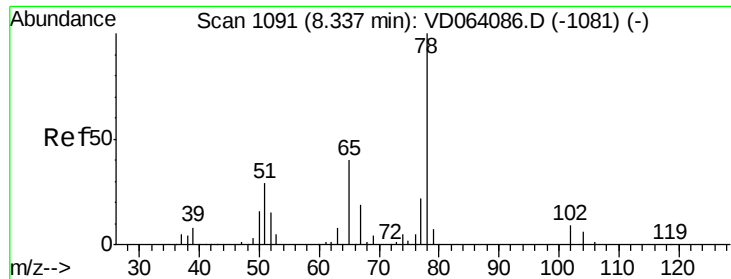
Tgt Ion: 76 Resp: 65142
Ion Ratio Lower Upper
76 100
78 6.7 8.1 12.1#



#25
2-Butanone
Concen: 69.067 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 43 Resp: 30406
Ion Ratio Lower Upper
43 100
72 29.5 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.773 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064139.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

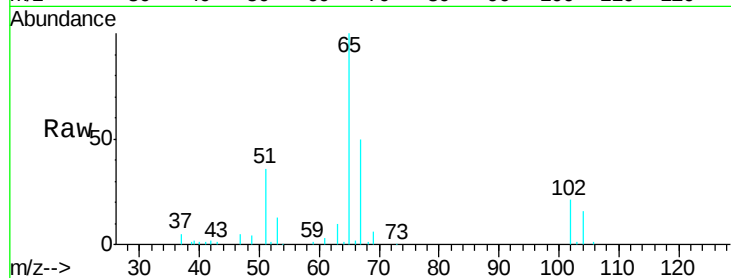
20190941-AMENDED-COMPOSITE-

Tgt Ion: 65 Resp: 84977

Ion Ratio Lower Upper

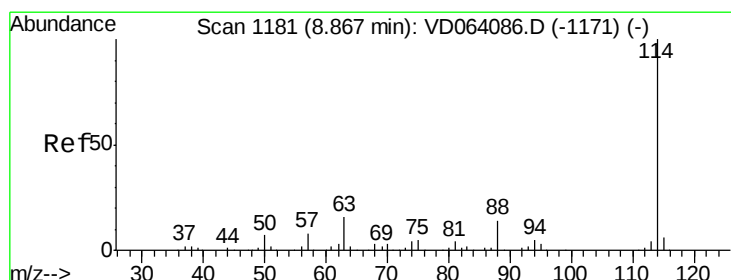
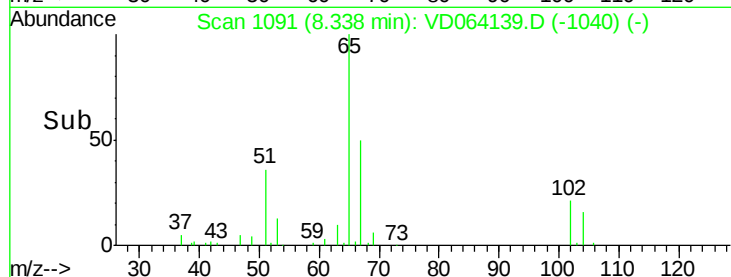
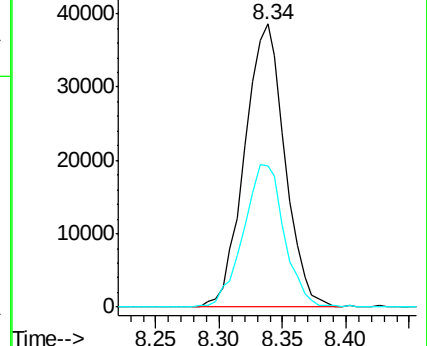
65 100

67 51.1 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: VD064139.D

Acq: 31 Oct 2019 18:15

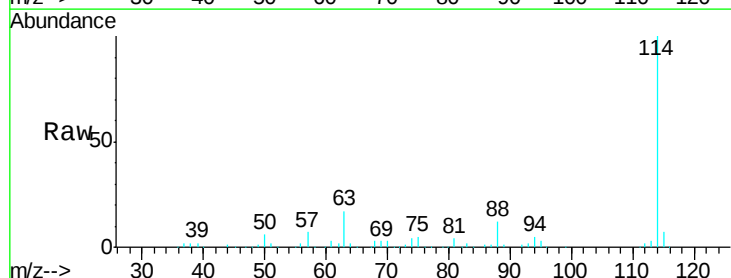
Tgt Ion: 114 Resp: 333919

Ion Ratio Lower Upper

114 100

63 16.9 0.0 32.8

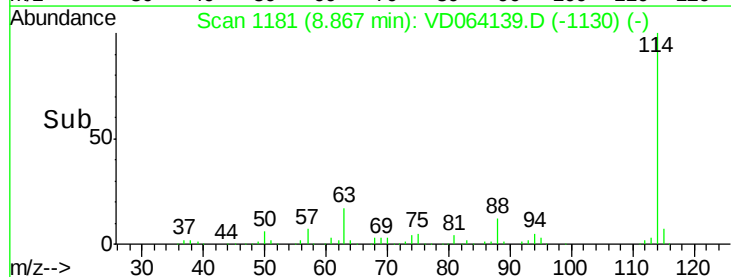
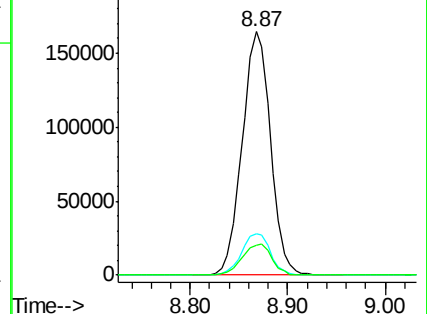
88 12.5 0.0 27.6

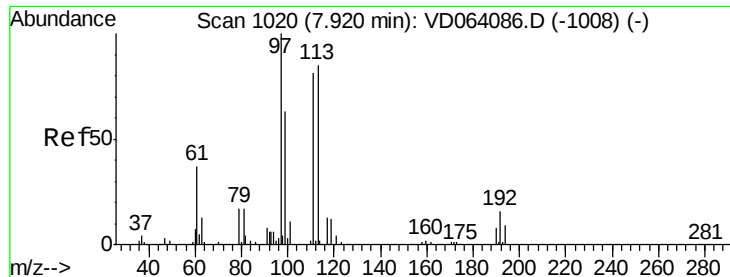


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

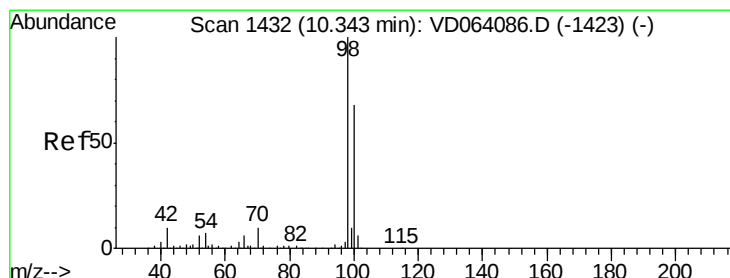
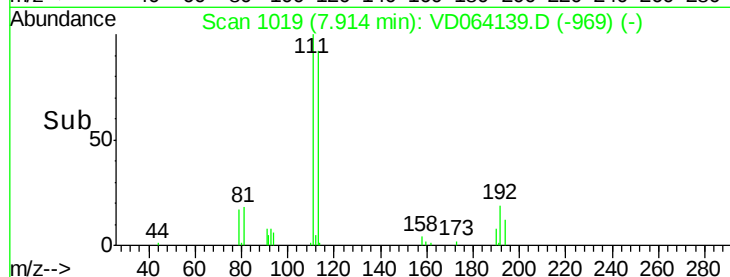
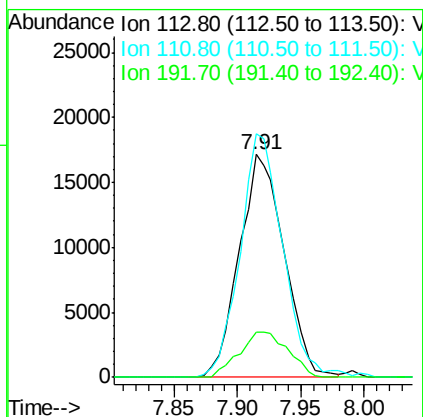
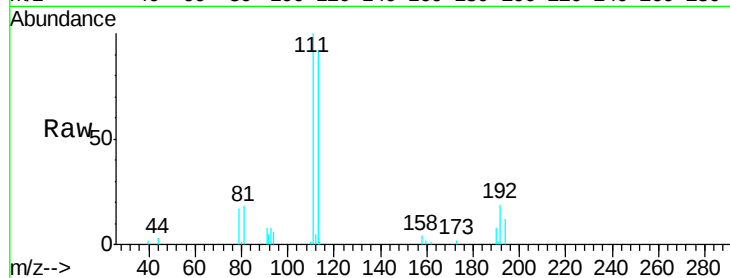




#35
Dibromofluoromethane
Concen: 20.496 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

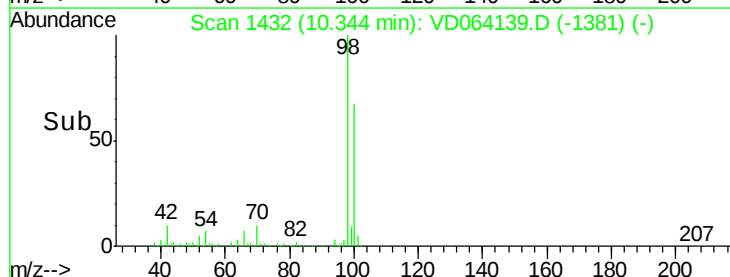
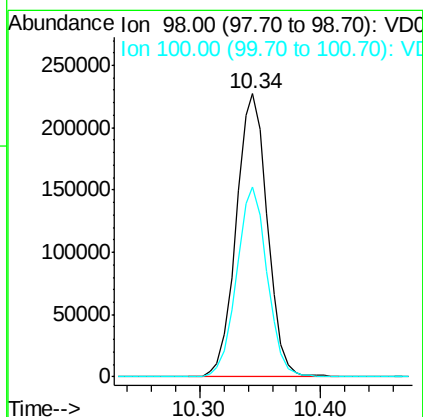
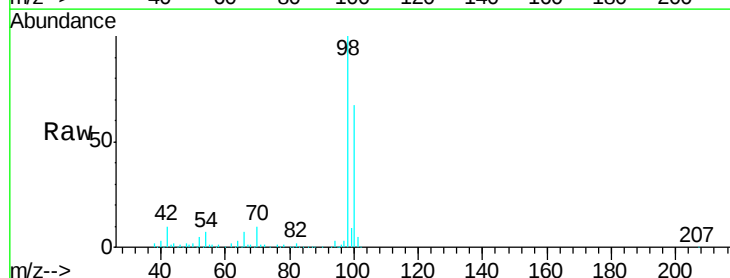
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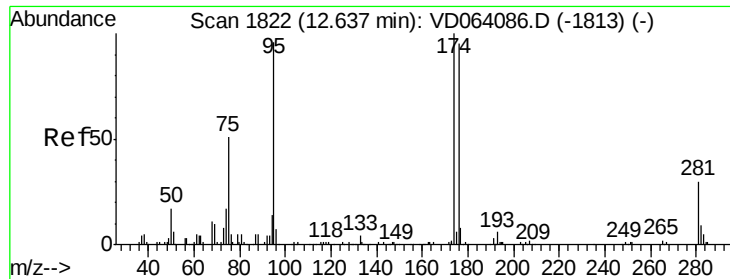
Tgt Ion:113 Resp: 42106
Ion Ratio Lower Upper
113 100
111 104.2 79.3 118.9
192 22.0 16.2 24.2



#50
Toluene-d8
Concen: 49.672 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 98 Resp: 408092
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

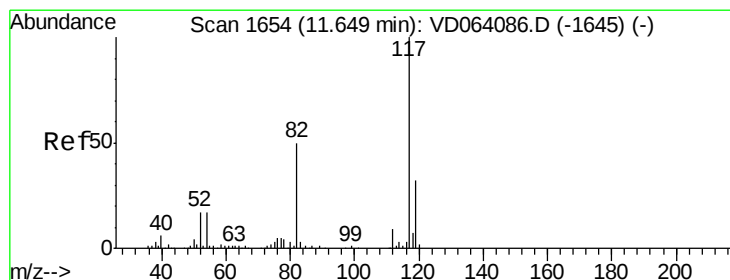
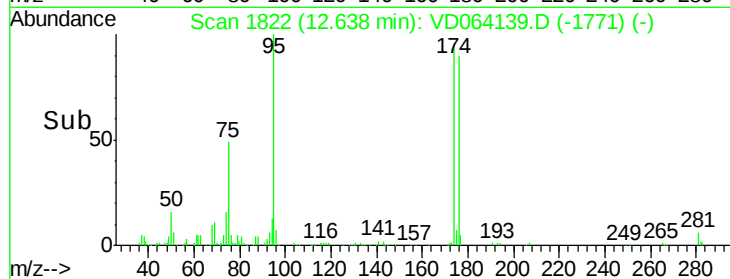
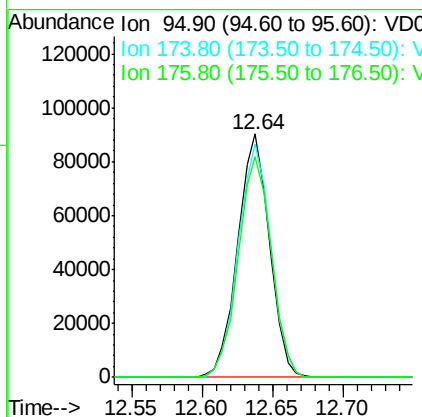
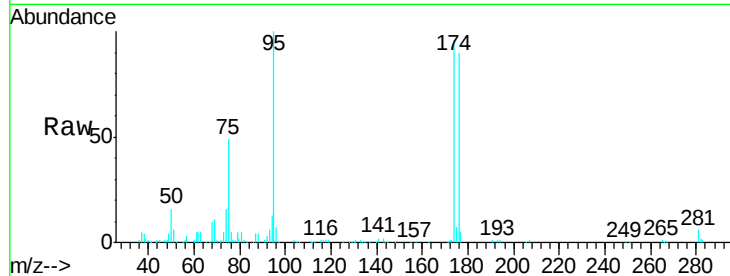




#62
4-Bromofluorobenzene
Concen: 52.225 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

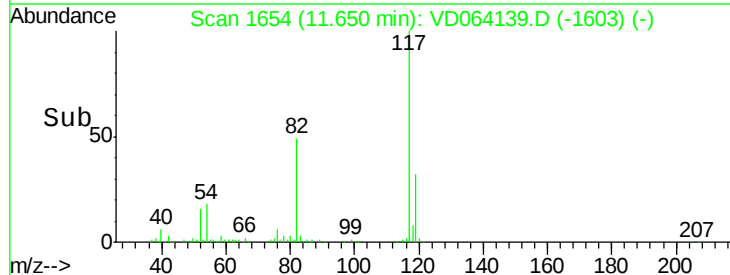
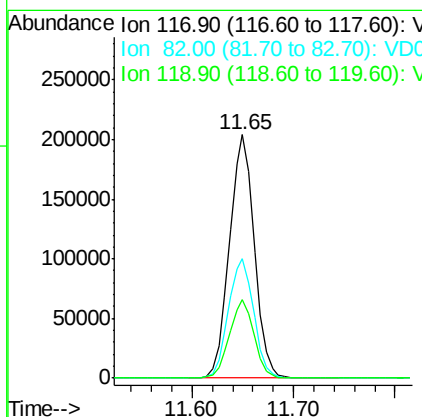
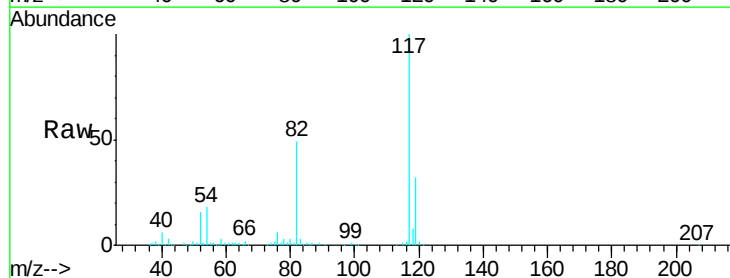
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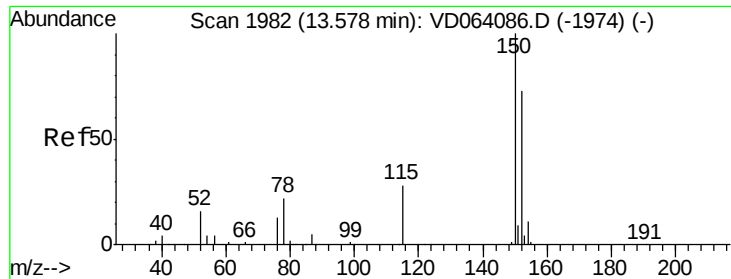
Tgt Ion: 95 Resp: 142248
Ion Ratio Lower Upper
95 100
174 98.5 0.0 201.6
176 94.6 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064139.D
Acq: 31 Oct 2019 18:15

Tgt Ion: 117 Resp: 346042
Ion Ratio Lower Upper
117 100
82 48.8 40.2 60.4
119 32.3 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: VD064139.D

Acq: 31 Oct 2019 18:15

Instrument :

MSVOA_D

ClientSampleId :

20190941-AMENDED-COMPOSITE-

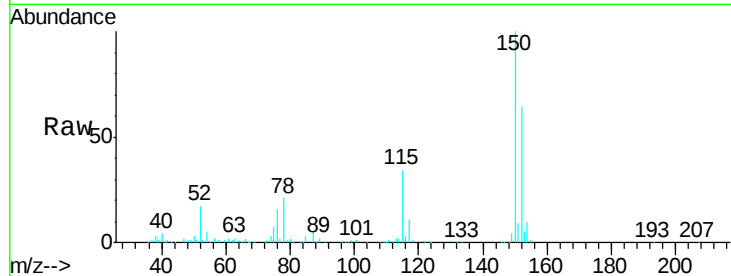
Tgt Ion:152 Resp: 177291

Ion Ratio Lower Upper

152 100

115 54.9 26.2 78.6

150 157.2 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

