

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064640.D
 Acq On : 27 Dec 2019 12:59
 Operator : VA/SY
 Sample : K6437-07
 Misc : 6.37G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(5-6)

Quant Time: Dec 30 02:40:56 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

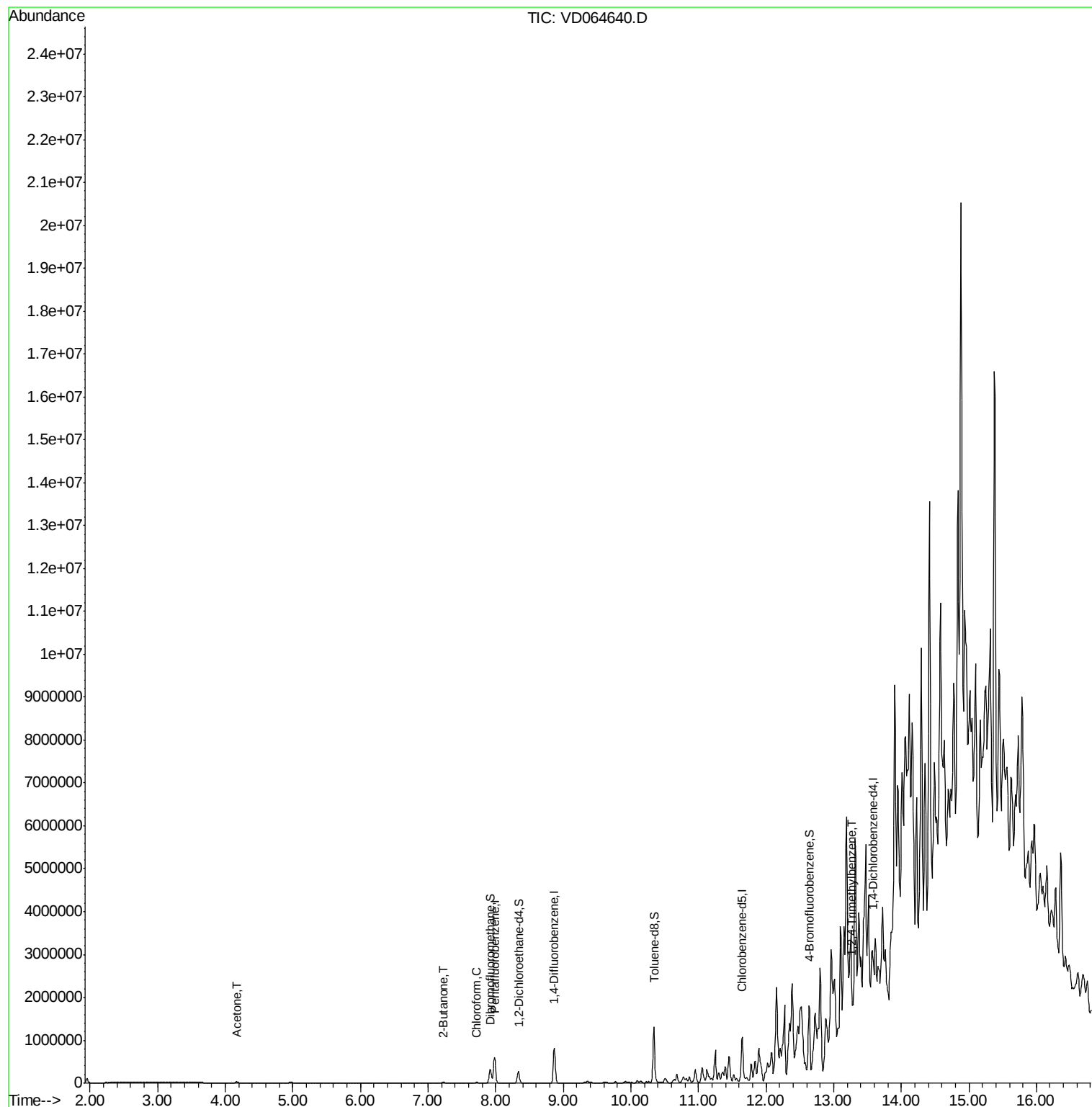
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	469417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	707250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	577306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287800	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	216593	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.92	113	220251	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
50) Toluene-d8	10.34	98	817169	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	12.63	95	279038	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
Target Compounds						
16) Acetone	4.17	43	54402	60.336	ug/l	Qvalue 100
25) 2-Butanone	7.23	43	21890	19.239	ug/l	97
30) Chloroform	7.71	83	12336	1.525	ug/l	95
84) 1,2,4-Trimethylbenzene	13.28	105	25713	1.528	ug/l	96

(#) = 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: VD064640.D

Acq: 27 Dec 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

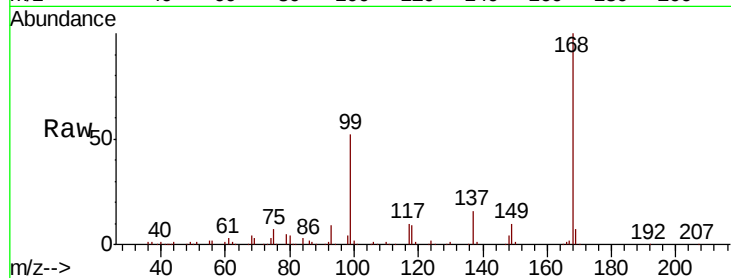
GP-5-(5-6)

Tot Ion:168 Resp: 469417

Ion Ratio Lower Upper

168 100

99 52.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

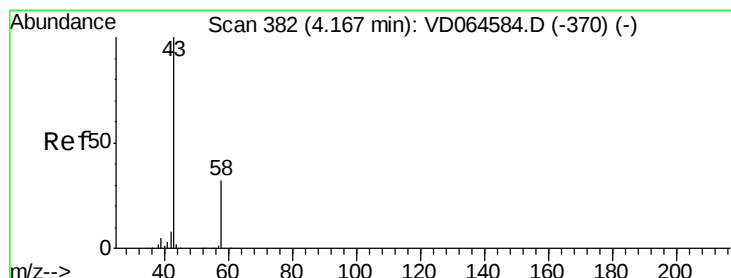
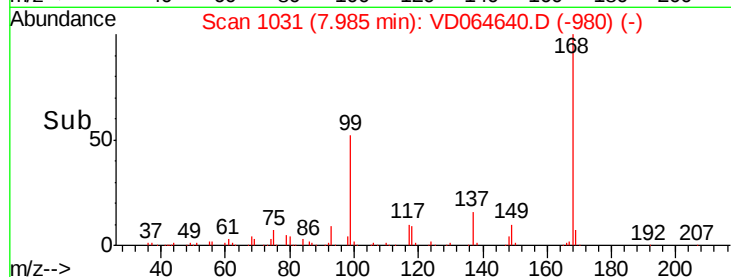
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 60.336 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064640.D

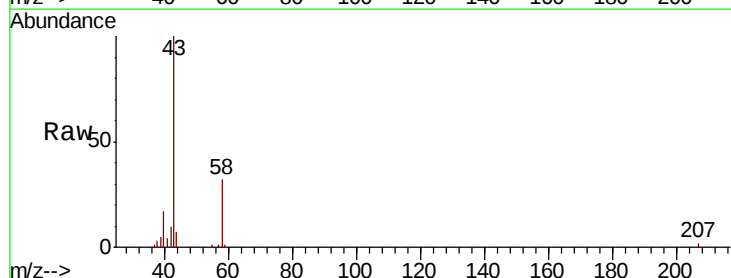
Acq: 27 Dec 2019 12:59

Tgt Ion: 43 Resp: 54402

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

20000

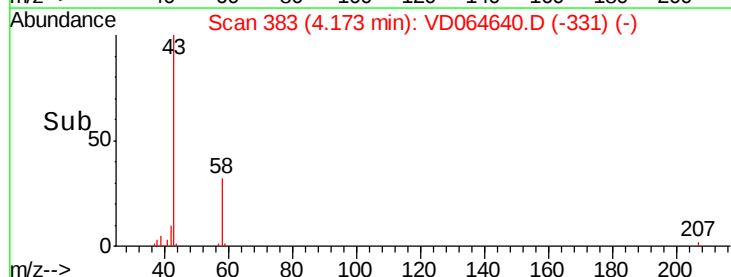
15000

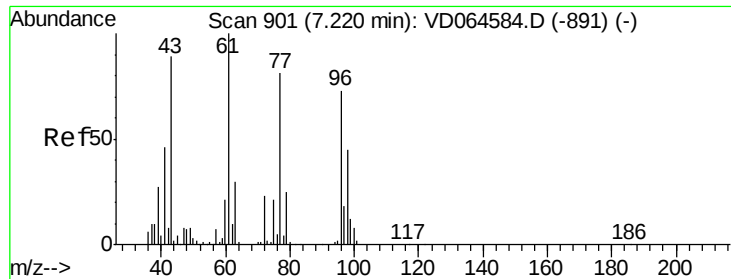
10000

5000

0

Time-->





#25

2-Butanone

Concen: 19.239 ug/l

RT: 7.23 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD064640.D

Acq: 27 Dec 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

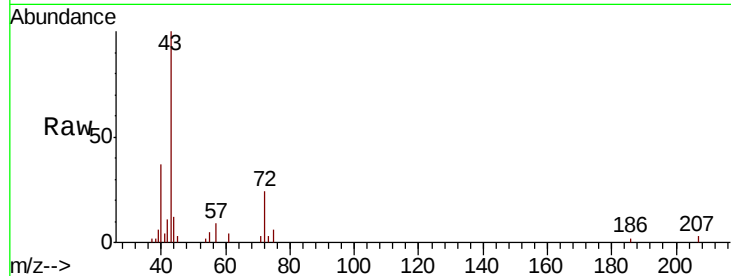
GP-5-(5-6)

Tot Ion: 43 Resp: 21890

Ion Ratio Lower Upper

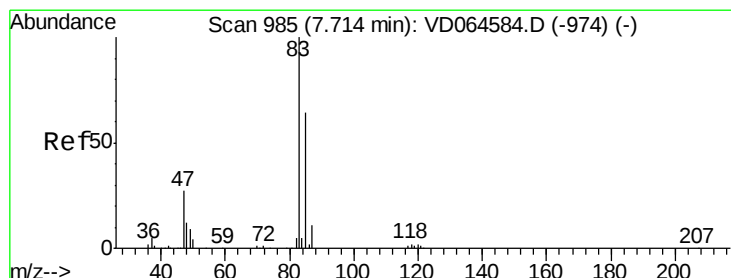
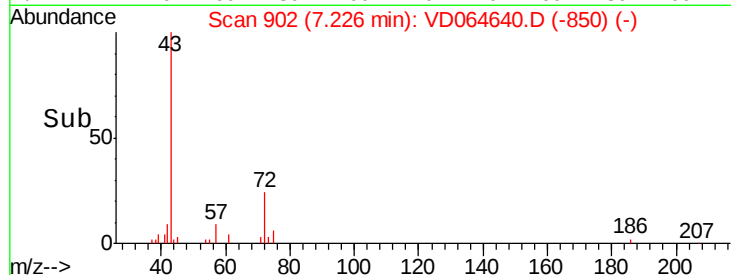
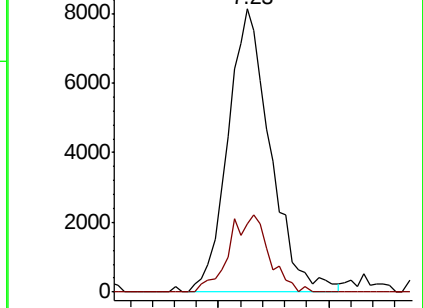
43 100

72 24.1 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#30

Chloroform

Concen: 1.525 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064640.D

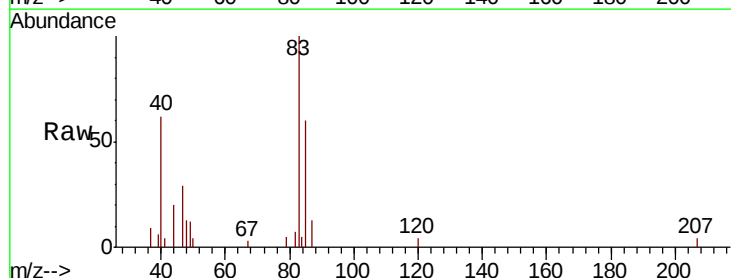
Acq: 27 Dec 2019 12:59

Tgt Ion: 83 Resp: 12336

Ion Ratio Lower Upper

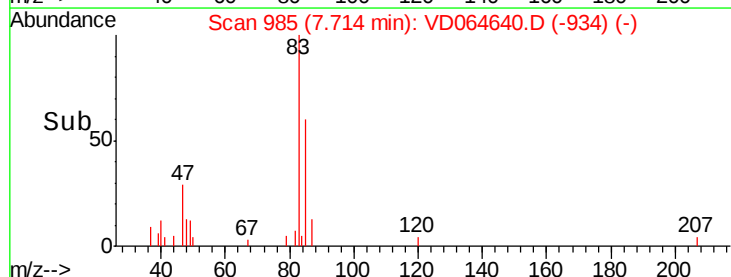
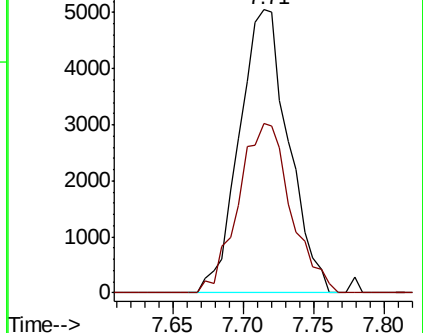
83 100

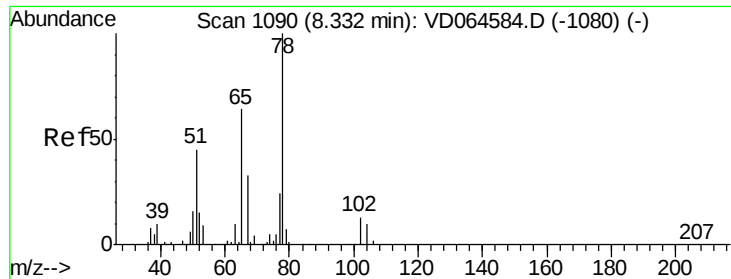
85 59.9 51.1 76.7



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: 52.326 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064640.D

Acq: 27 Dec 2019 12:59

Instrument :

MSVOA_D

ClientSampled :

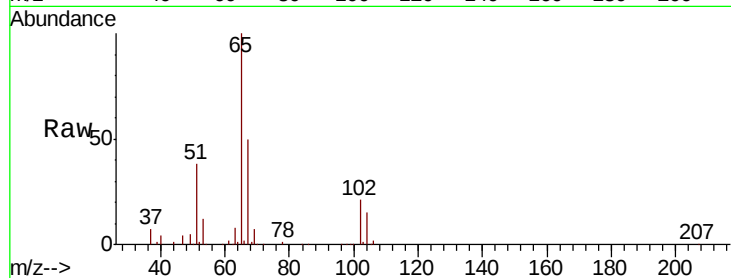
GP-5-(5-6)

Tot Ion: 65 Resp: 216593

Ion Ratio Lower Upper

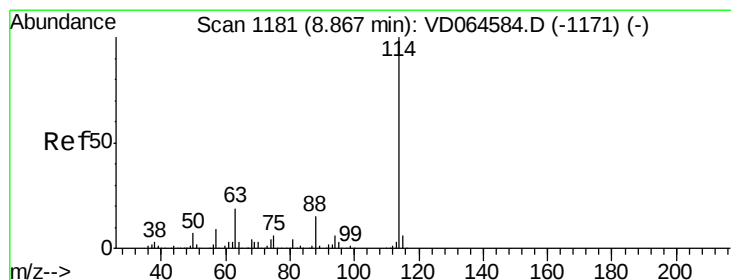
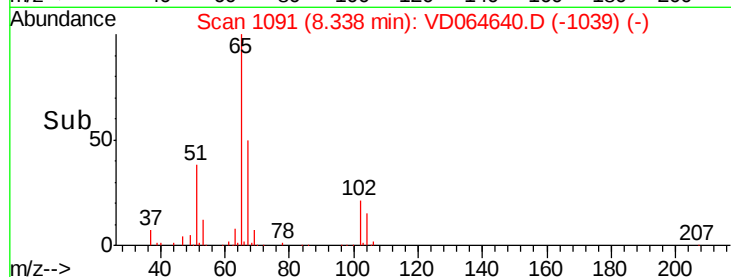
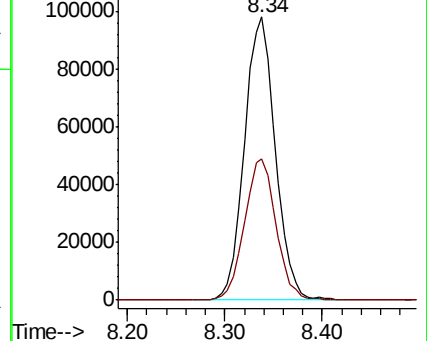
65 100

67 51.0 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: VD064640.D

Acq: 27 Dec 2019 12:59

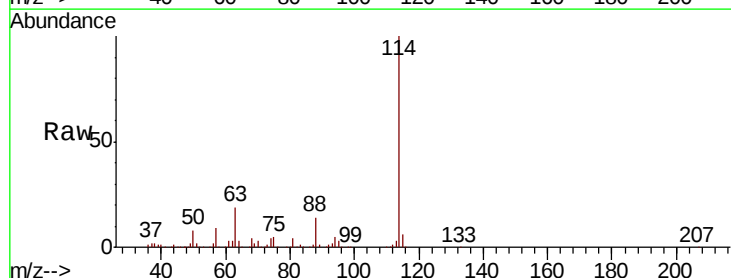
Tgt Ion: 114 Resp: 707250

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.0

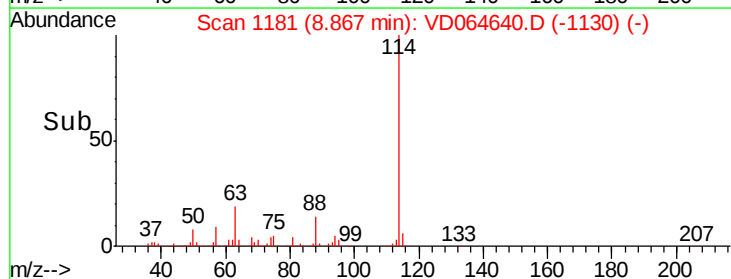
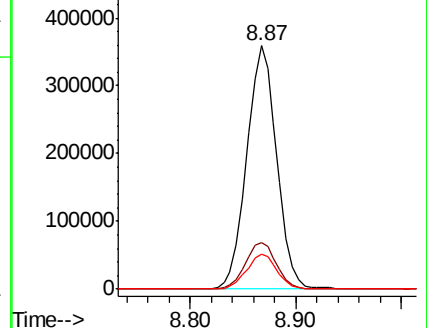
88 14.2 0.0 29.2



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

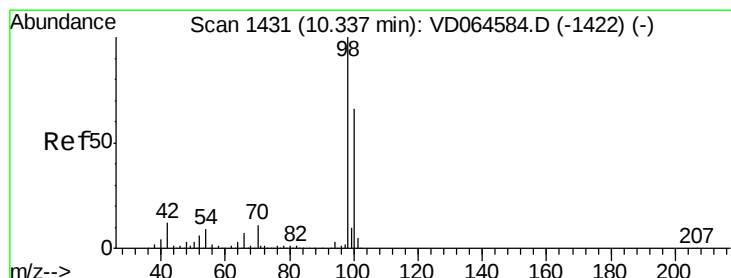
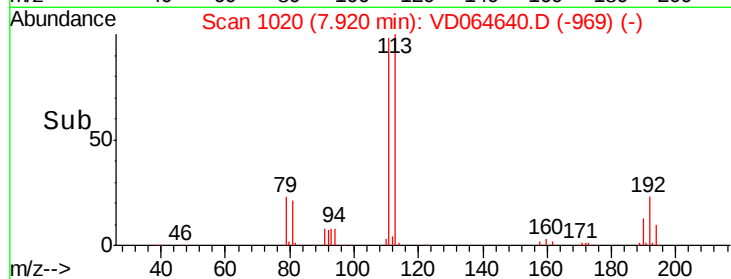
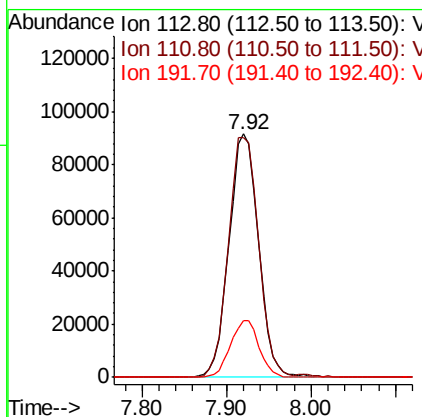
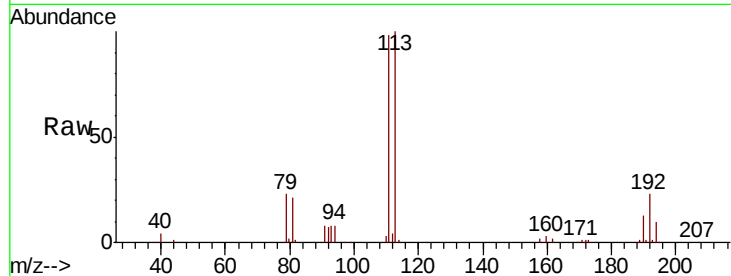




#35
 Dibromofluoromethane
 Concen: 50.760 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064640.D
 Acq: 27 Dec 2019 12:59

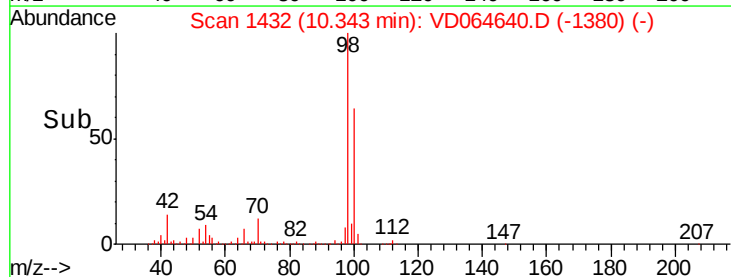
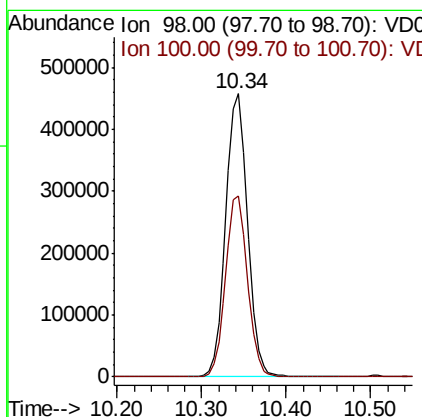
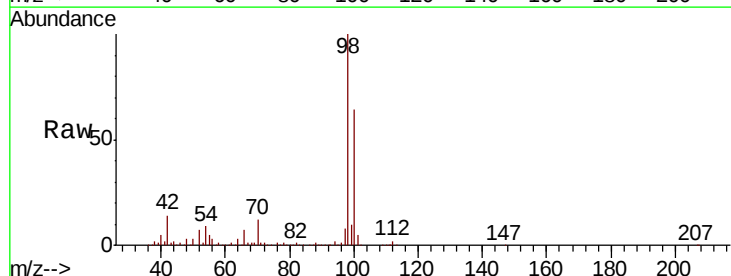
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(5-6)

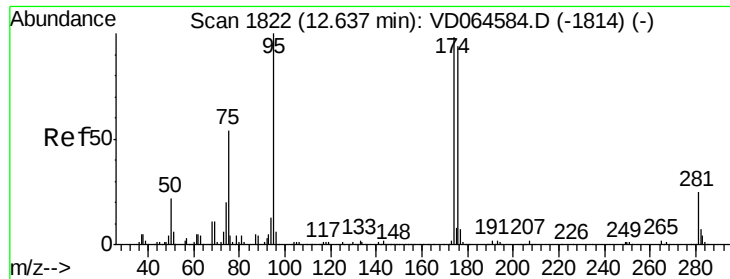
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.6	121.0
192	22.5	17.9	26.9



#50
 Toluene-d8
 Concen: 49.173 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064640.D
 Acq: 27 Dec 2019 12:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.7	77.5

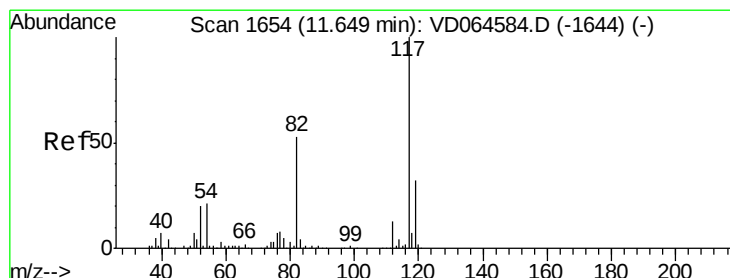
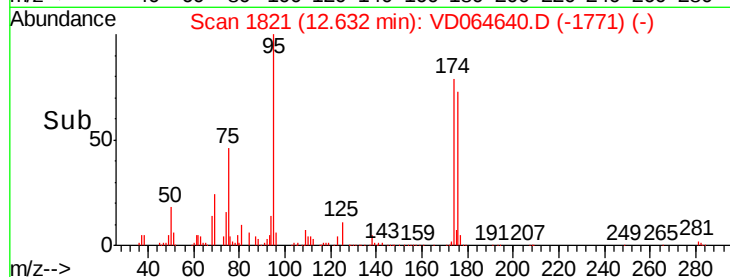
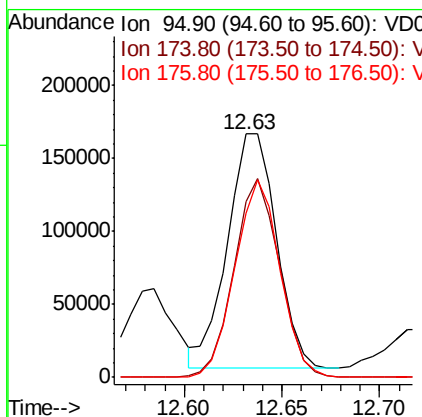
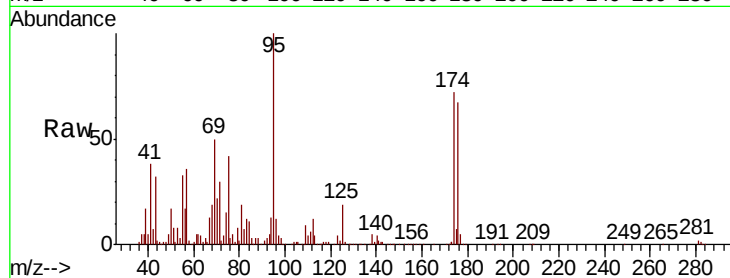




#62
4-Bromofluorobenzene
Concen: 53.101 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064640.D
Acq: 27 Dec 2019 12:59

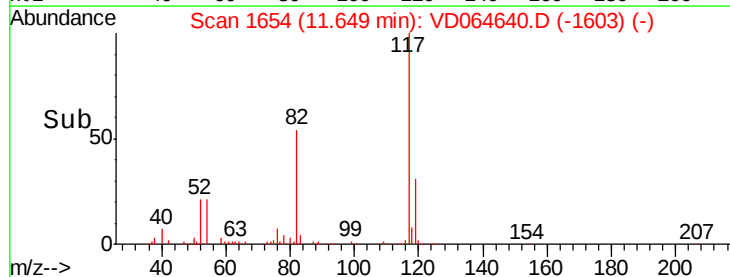
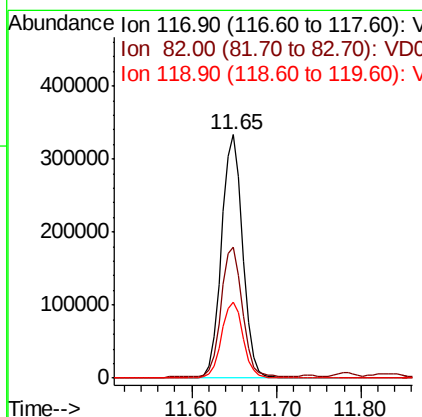
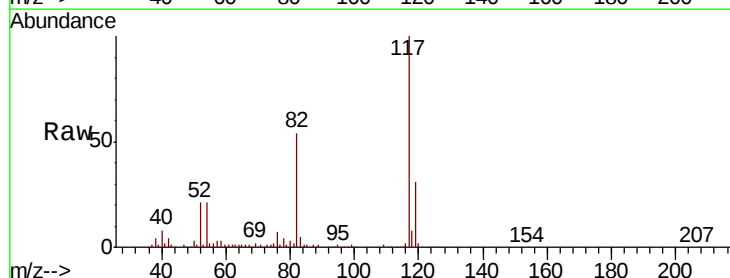
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

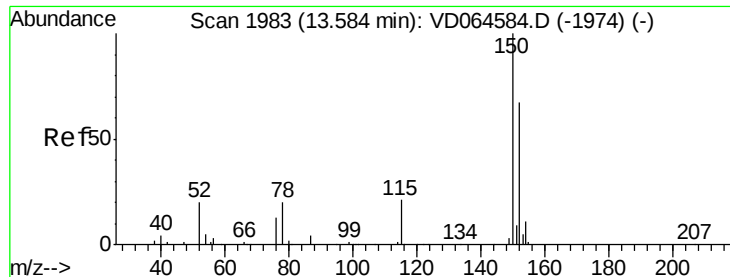
Tot Ion: 95 Resp: 279038
Ion Ratio Lower Upper
95 100
174 79.1 0.0 193.2
176 77.8 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064640.D
Acq: 27 Dec 2019 12:59

Tgt Ion: 117 Resp: 577306
Ion Ratio Lower Upper
117 100
82 53.3 42.2 63.4
119 31.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064640.D

Acq: 27 Dec 2019 12:59

Instrument :

MSVOA_D

ClientSampleId :

GP-5-(5-6)

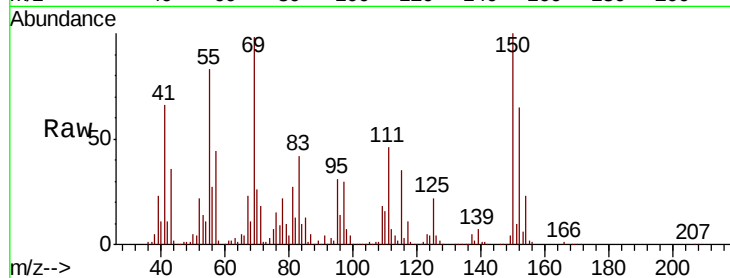
Tot Ion:152 Resp: 287800

Ion Ratio Lower Upper

152 100

115 45.1 27.8 83.4

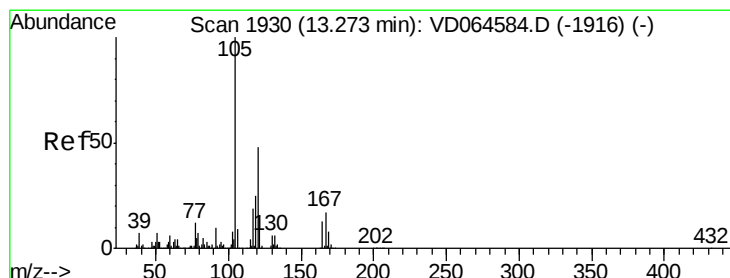
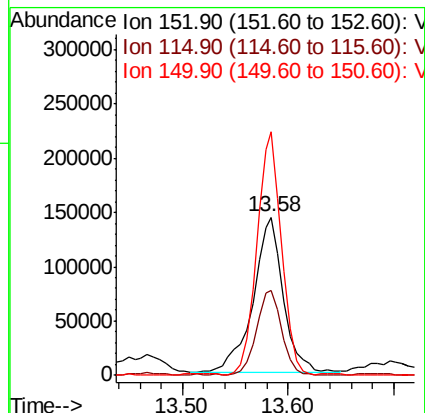
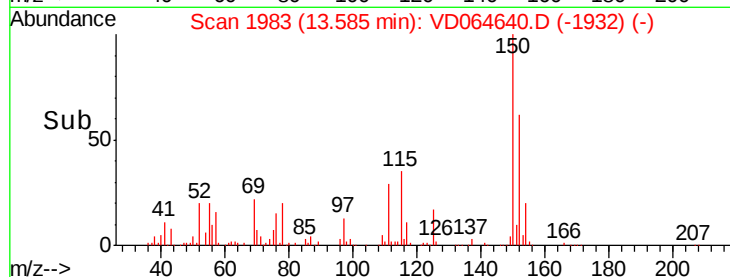
150 125.6 0.0 351.4



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



#84

1,2,4-Trimethylbenzene

Concen: 1.528 ug/l

RT: 13.28 min Scan# 1931

Delta R.T. 0.01 min

Lab File: VD064640.D

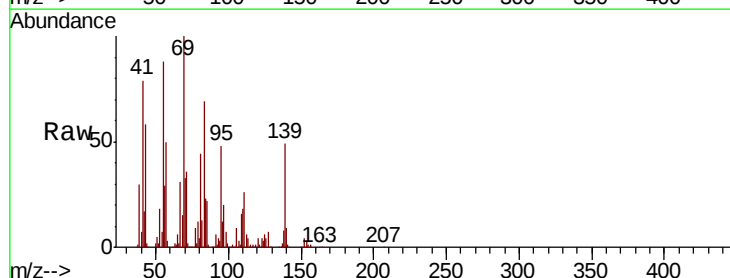
Acq: 27 Dec 2019 12:59

Tgt Ion:105 Resp: 25713

Ion Ratio Lower Upper

105 100

120 44.6 23.8 71.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

