

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064603.D
 Acq On : 26 Dec 2019 17:04
 Operator : VA/SY
 Sample : K6437-02
 Misc : 5.84G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Dec 27 04:08:40 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

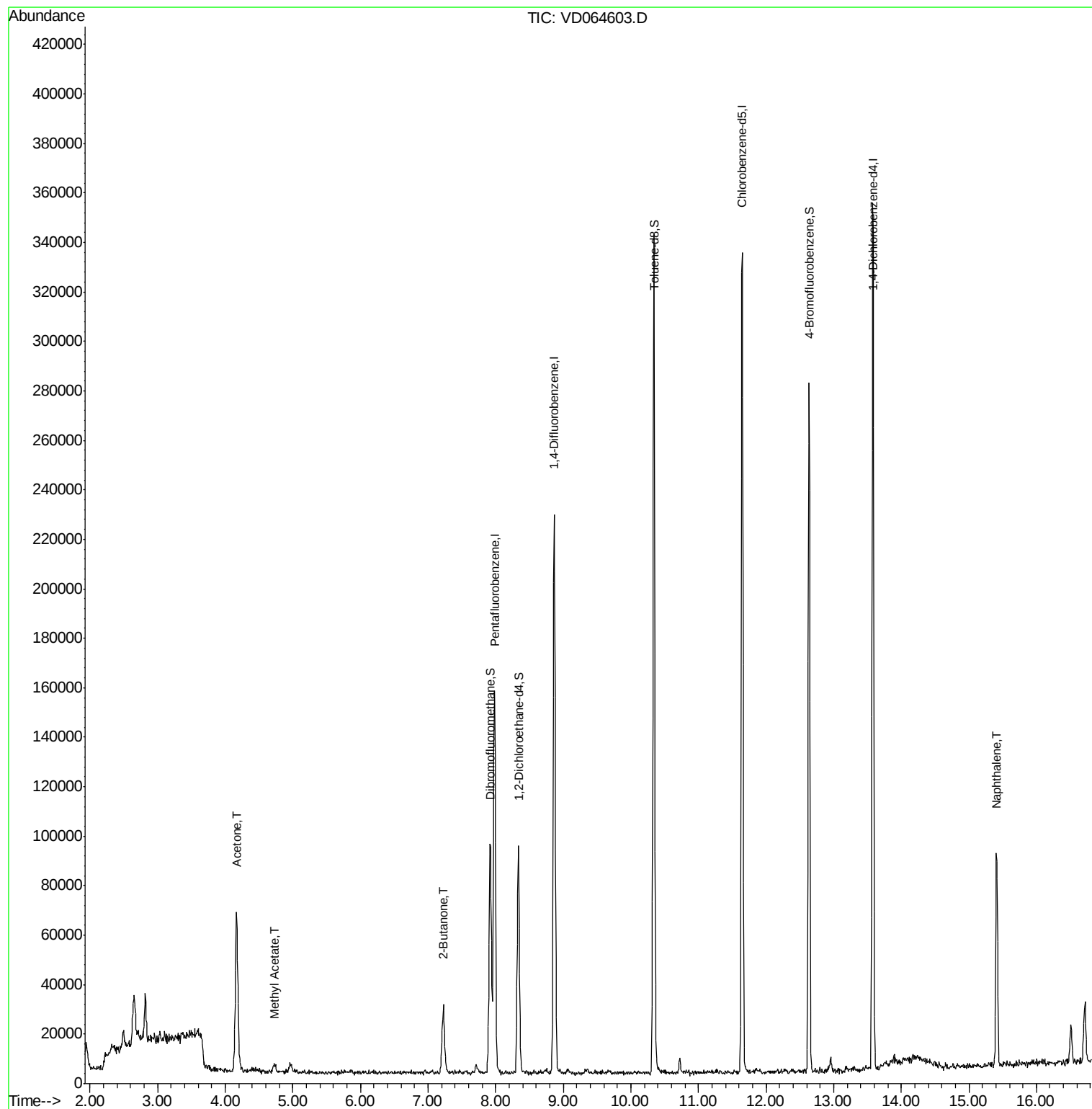
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	119842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	192673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	196536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	95320	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	72186	68.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	136.62%	
35) Dibromofluoromethane	7.92	113	65829	55.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.38%	
50) Toluene-d8	10.34	98	232594	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.64	95	83177	58.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.20%	
Target Compounds						
16) Acetone	4.17	43	112533	607.520	ug/l	93
18) Methyl Acetate	4.73	43	6028	10.132	ug/l #	75
25) 2-Butanone	7.23	43	42665	146.880	ug/l	95
95) Naphthalene	15.41	128	75856	23.935	ug/l	97

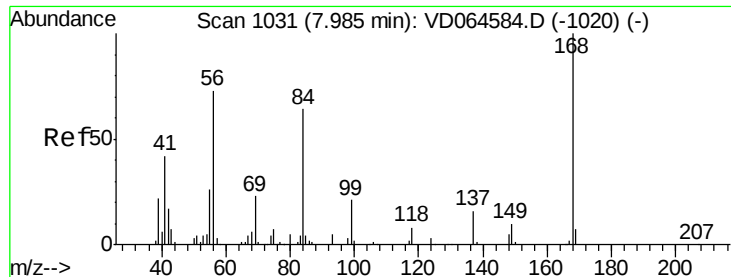
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
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QLast Update : Tue Dec 24 13:19:06 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: VD064603.D

Acq: 26 Dec 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

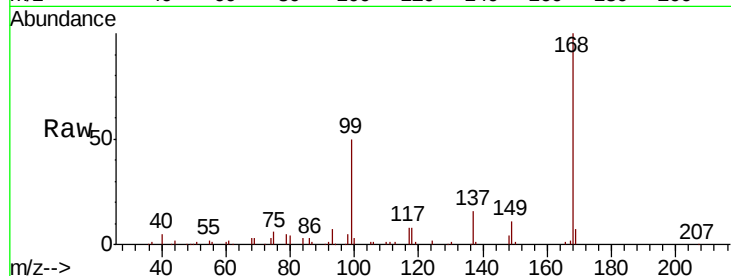
GP-2-(3-5)

Tot Ion:168 Resp: 119842

Ion Ratio Lower Upper

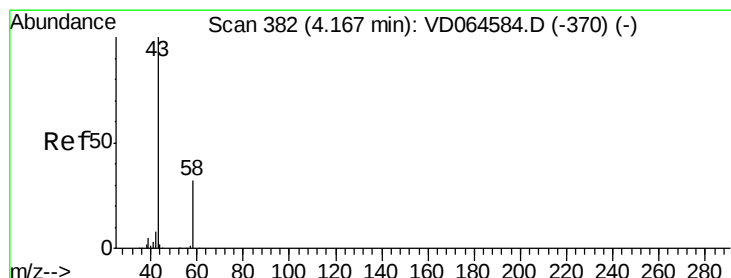
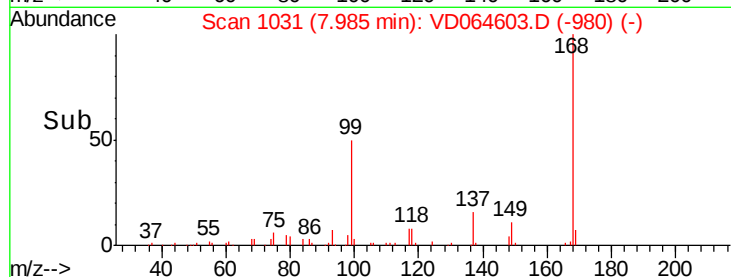
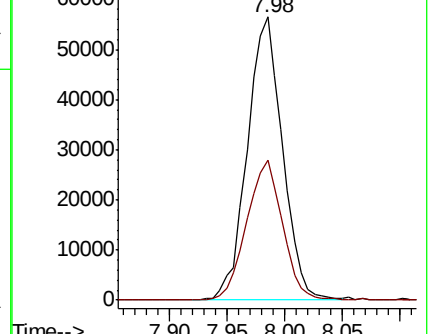
168 100

99 49.6 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: 607.520 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064603.D

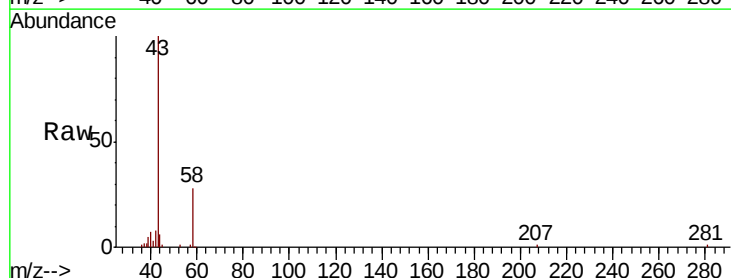
Acq: 26 Dec 2019 17:04

Tgt Ion: 43 Resp: 112533

Ion Ratio Lower Upper

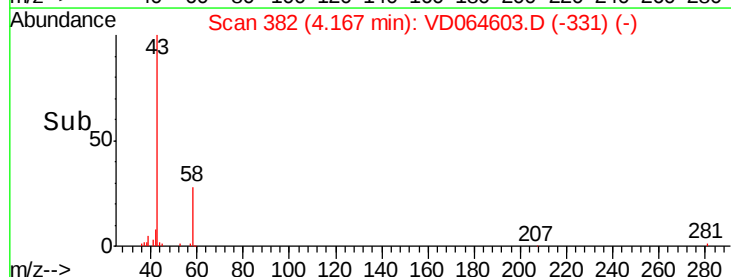
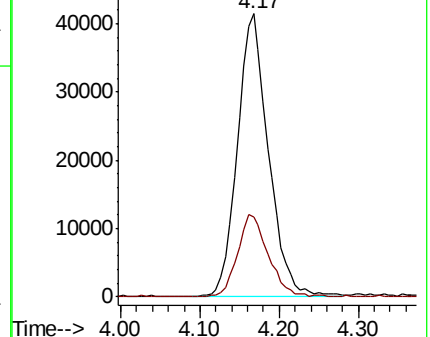
43 100

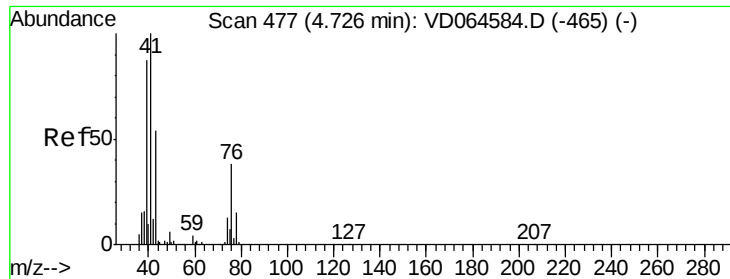
58 28.1 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

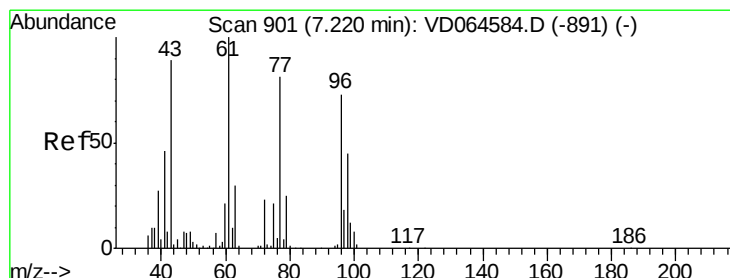
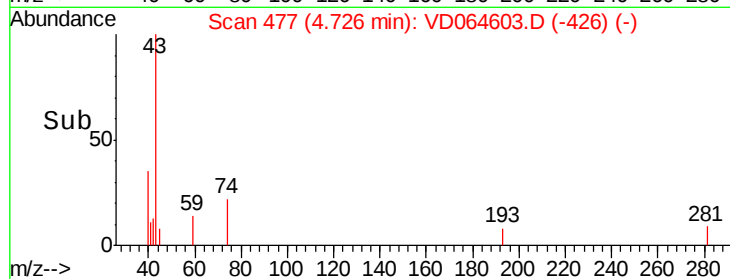
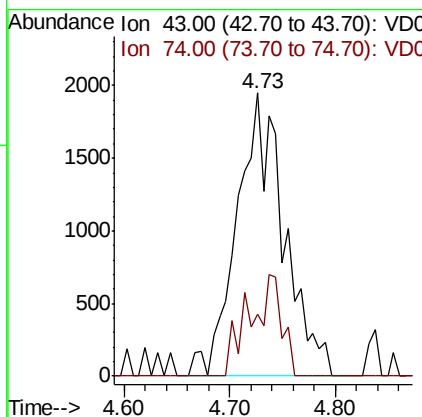
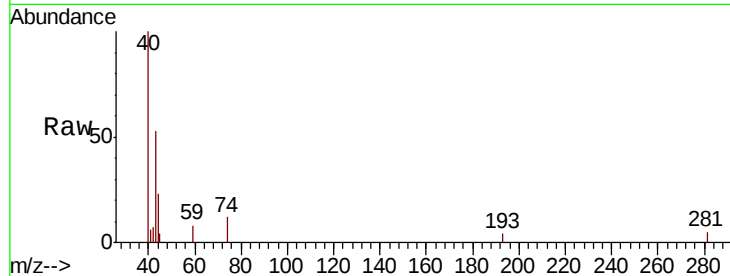




#18
Methvl Acetate
Concen: 10.132 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.00 min
Lab File: VD064603.D
Acq: 26 Dec 2019 17:04

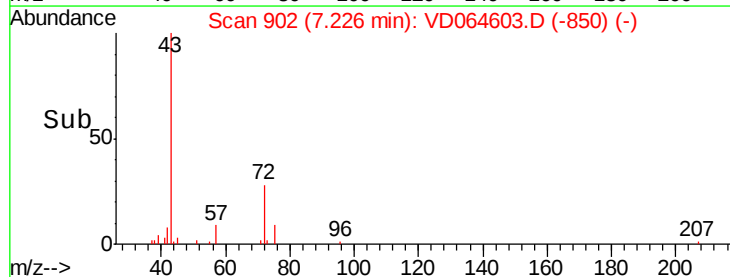
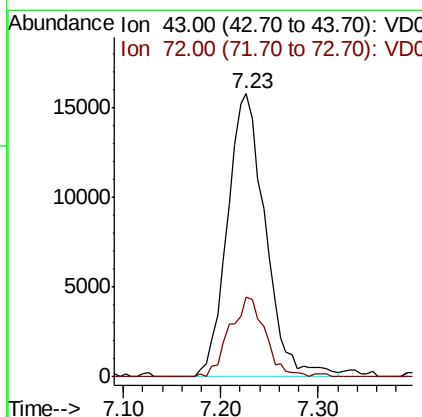
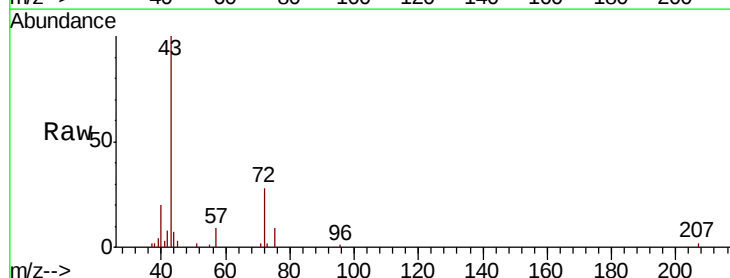
Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)

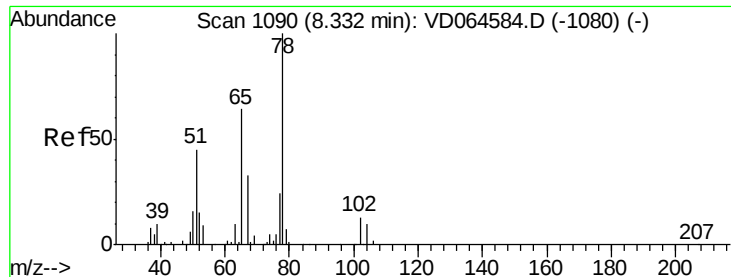
Tot Ion: 43 Resp: 6028
Ion Ratio Lower Upper
43 100
74 11.6 19.2 28.8#



#25
2-Butanone
Concen: 146.880 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064603.D
Acq: 26 Dec 2019 17:04

Tgt Ion: 43 Resp: 42665
Ion Ratio Lower Upper
43 100
72 28.2 20.7 31.1

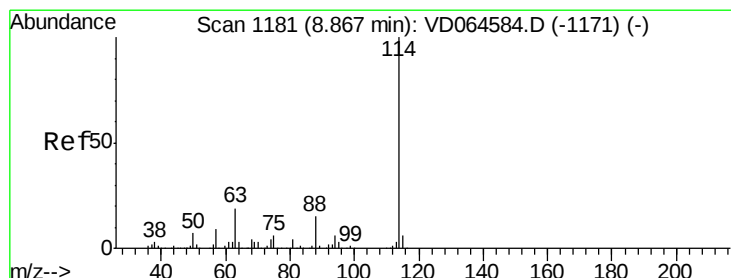
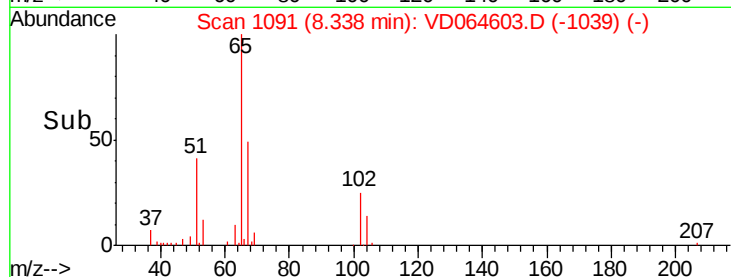
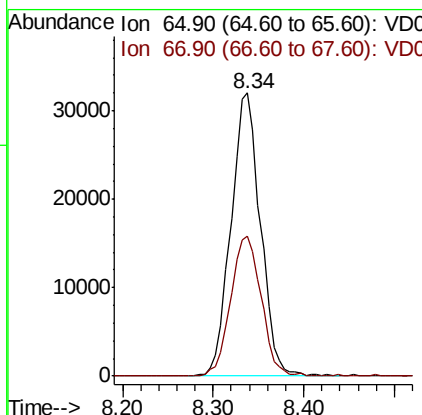
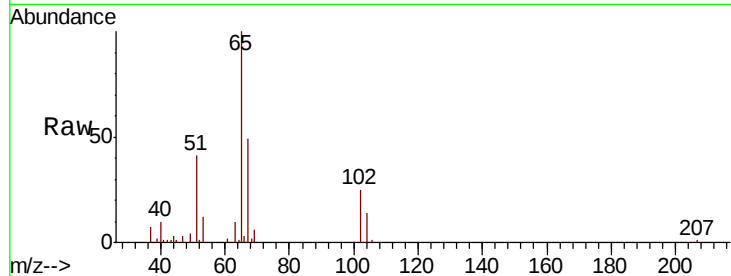




#33
 1,2-Dichloroethane-d4
 Concen: 68.309 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064603.D
 Acq: 26 Dec 2019 17:04

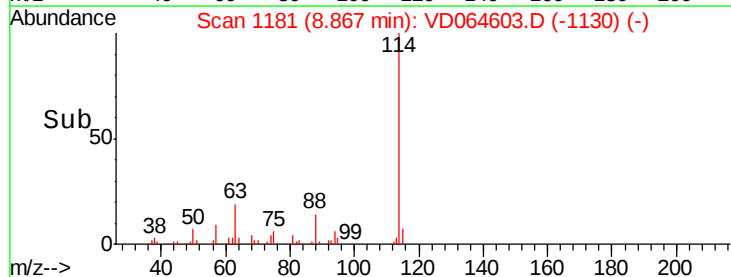
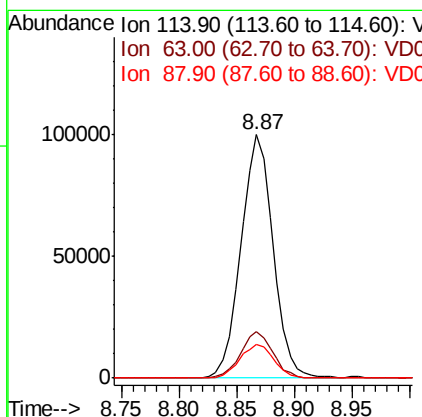
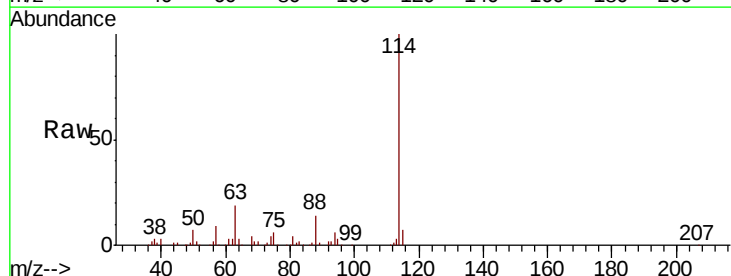
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-2-(3-5)

Tot Ion: 65 Resp: 72186
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064603.D
 Acq: 26 Dec 2019 17:04

Tgt Ion: 114 Resp: 192673
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 13.8 0.0 29.2





#35

Dibromofluoromethane

Concen: 55.689 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064603.D

Acq: 26 Dec 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

GP-2-(3-5)

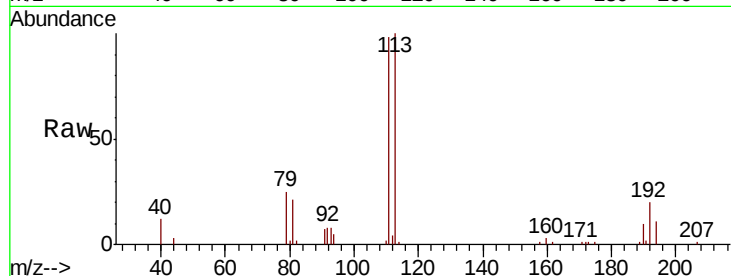
Tot Ion:113 Resp: 65829

Ion	Ratio	Lower	Upper
113	100		
111	102.2	80.6	121.0
192	22.1	17.9	26.9

113 100

111 102.2 80.6 121.0

192 22.1 17.9 26.9

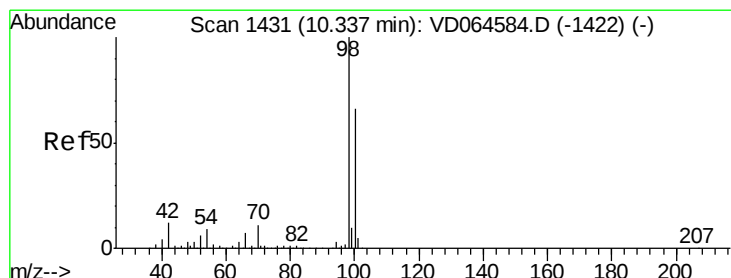
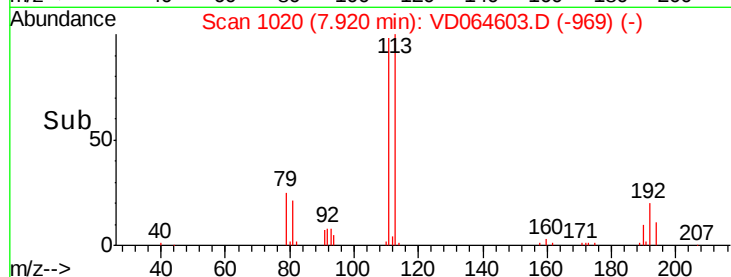
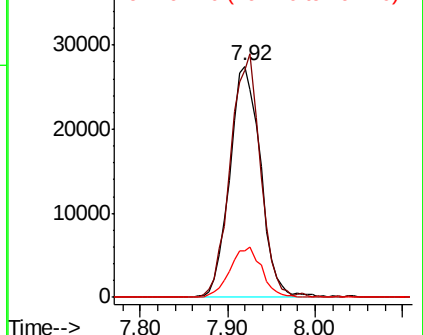


Abundance

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: 51.376 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064603.D

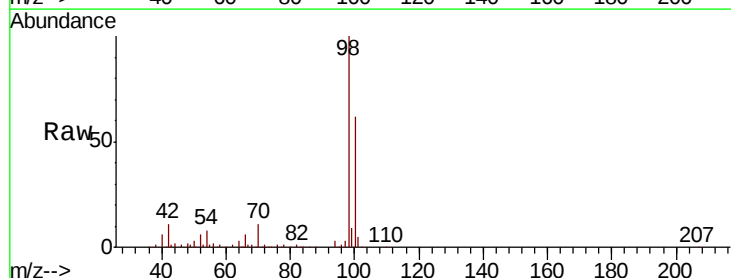
Acq: 26 Dec 2019 17:04

Tgt Ion: 98 Resp: 232594

Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.7	77.5

98 100

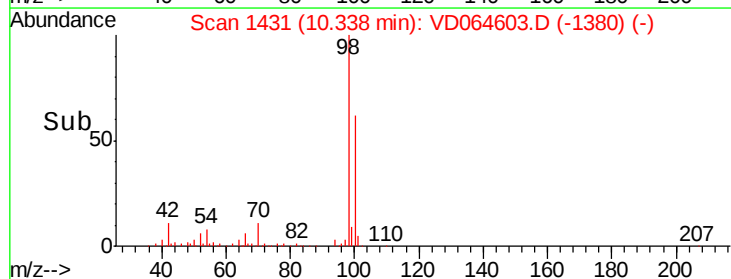
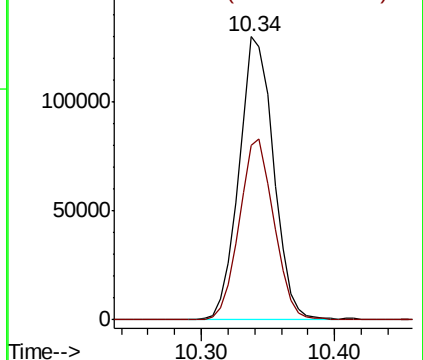
100 64.6 51.7 77.5

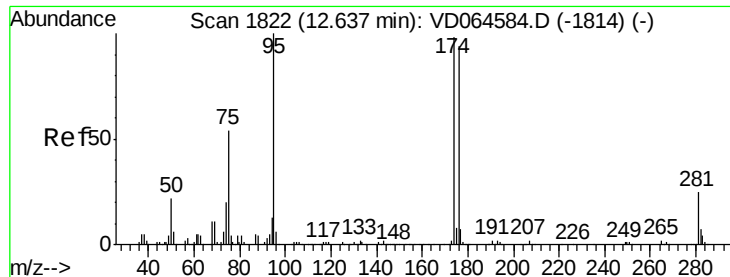


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

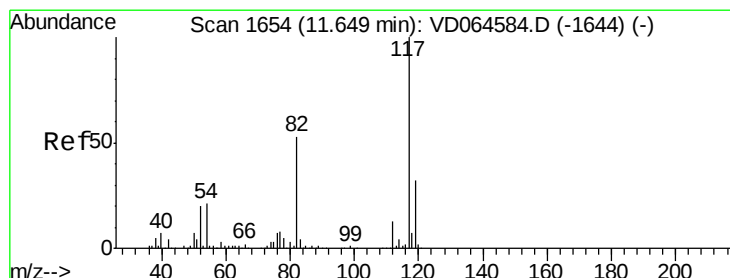
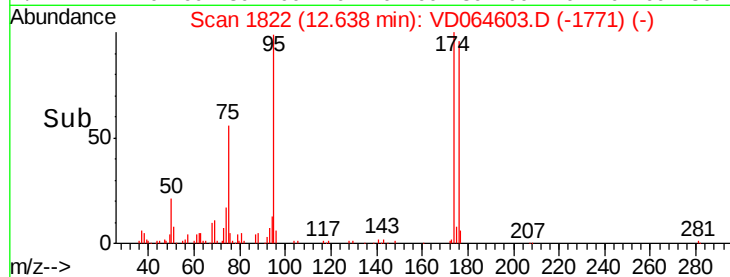
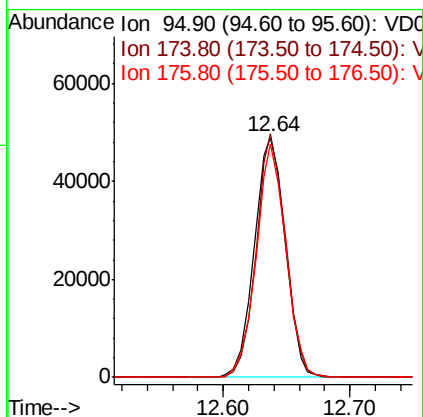
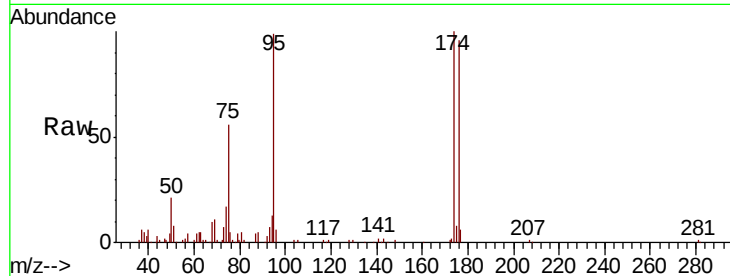




#62
4-Bromofluorobenzene
Concen: 58.102 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064603.D
Acq: 26 Dec 2019 17:04

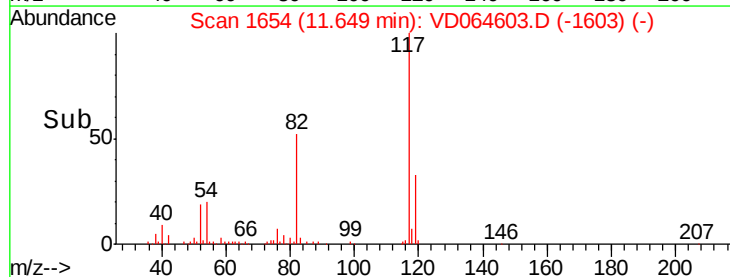
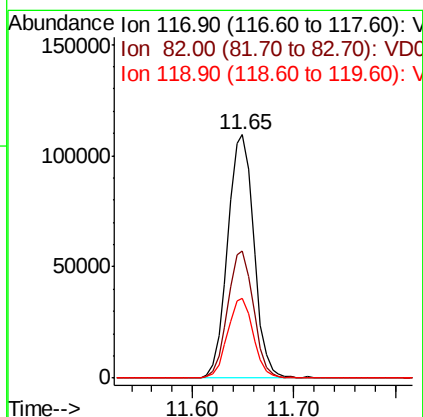
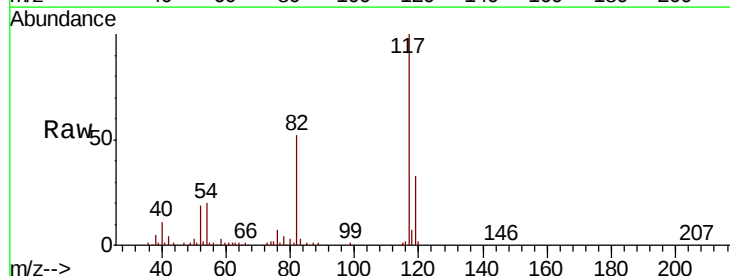
Instrument :
MSVOA_D
ClientSampleId :
GP-2-(3-5)

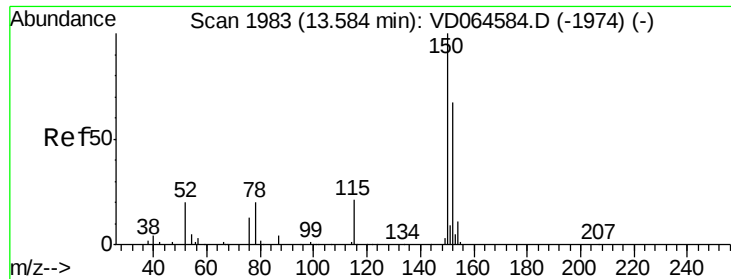
Tot Ion: 95 Resp: 83177
Ion Ratio Lower Upper
95 100
174 96.5 0.0 193.2
176 93.3 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064603.D
Acq: 26 Dec 2019 17:04

Tgt Ion: 117 Resp: 196536
Ion Ratio Lower Upper
117 100
82 52.2 42.2 63.4
119 32.6 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD064603.D

Acq: 26 Dec 2019 17:04

Instrument :

MSVOA_D

ClientSampleId :

GP-2-(3-5)

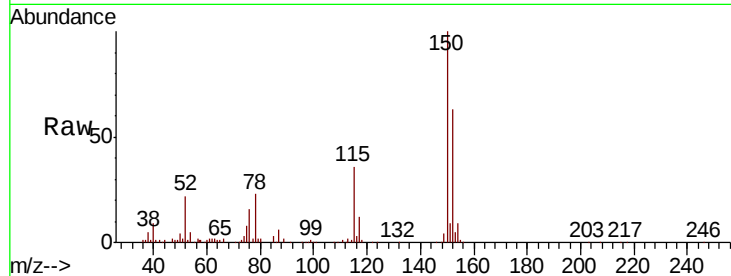
Tot Ion:152 Resp: 95320

Ion Ratio Lower Upper

152 100

115 55.6 27.8 83.4

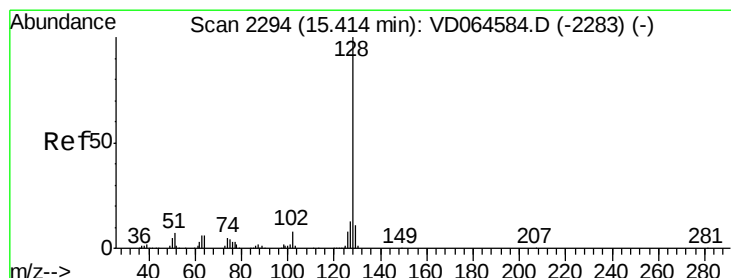
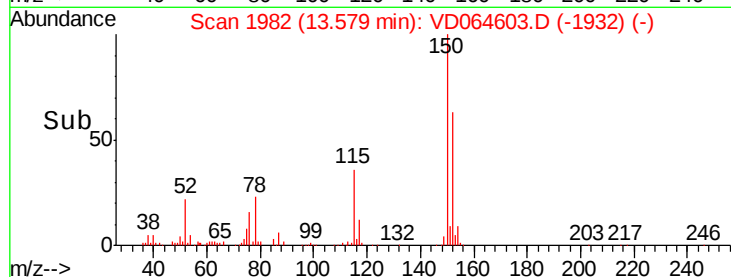
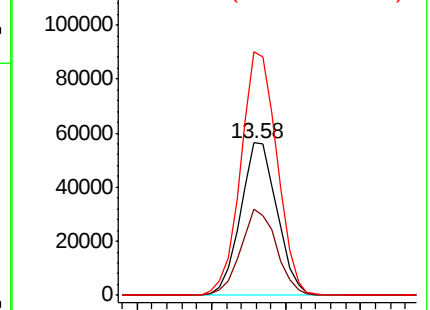
150 159.1 0.0 351.4



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: 23.935 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064603.D

Acq: 26 Dec 2019 17:04

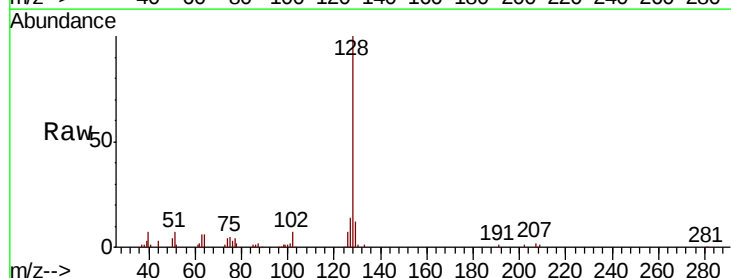
Tgt Ion:128 Resp: 75856

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 11.5 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

