

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064595.D
 Acq On : 26 Dec 2019 13:14
 Operator : VA/SY
 Sample : K6435-02
 Misc : 6.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4E-(21.5-23.5)

Quant Time: Dec 27 02:52:54 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

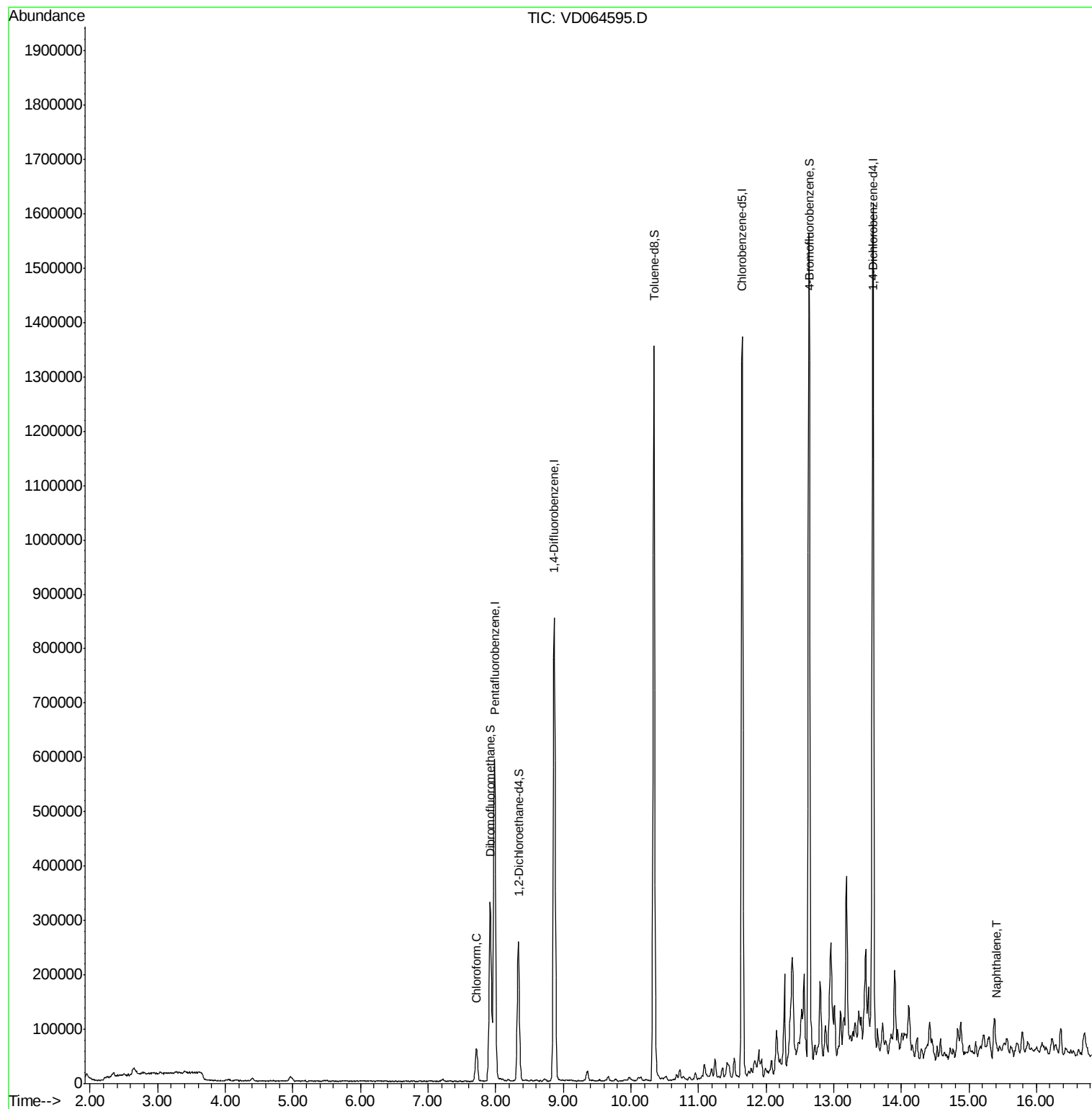
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	467735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	741035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	783021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411073	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	203997	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
35) Dibromofluoromethane	7.92	113	225519	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.34	98	916235	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.64	95	356687	64.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.56%	
Target Compounds						
30) Chloroform	7.71	83	58197	7.220	ug/l	98
95) Naphthalene	15.41	128	18073	1.322	ug/l #	89

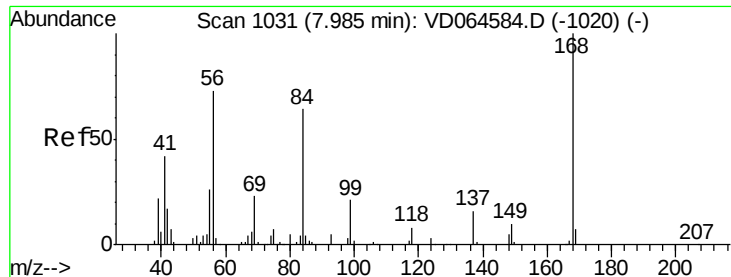
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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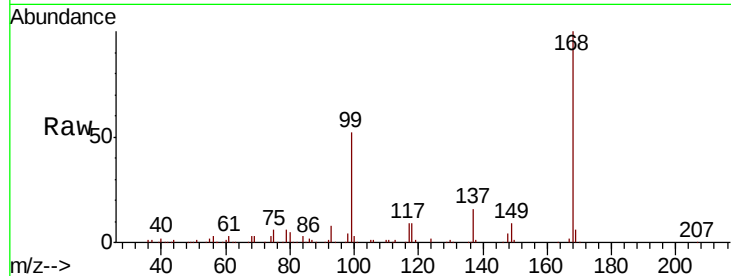




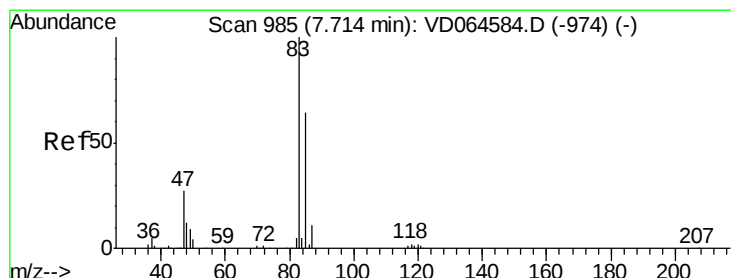
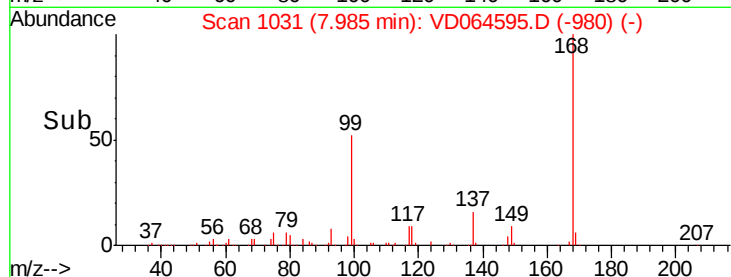
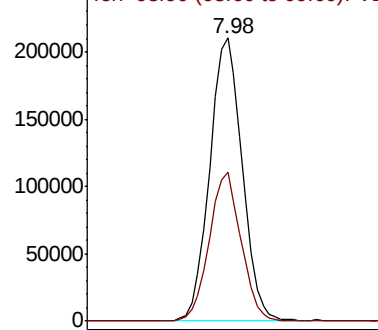
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064595.D
Acq: 26 Dec 2019 13:14

Instrument :
MSVOA_D
ClientSampleId :
SB-4E-(21.5-23.5)

Tot Ion:168 Resp: 467735
Ion Ratio Lower Upper
168 100
99 52.3 41.8 62.6

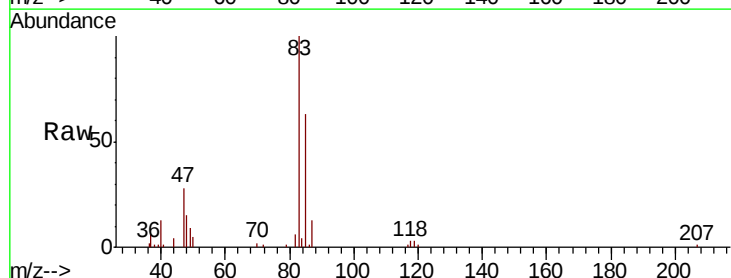


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VDC

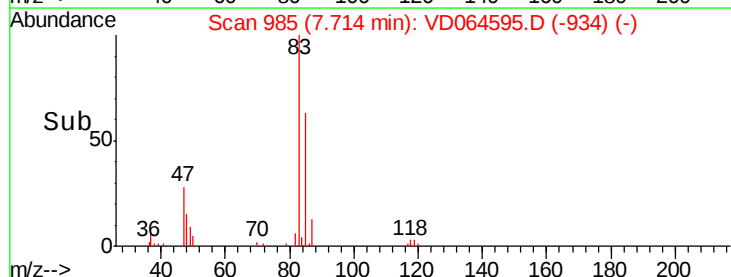
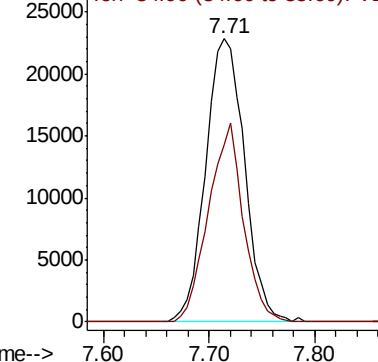


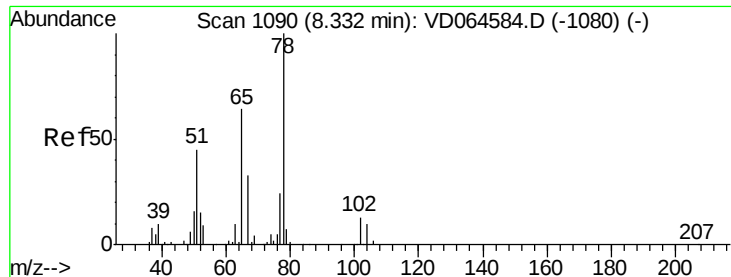
#30
Chloroform
Concen: 7.220 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064595.D
Acq: 26 Dec 2019 13:14

Tgt Ion: 83 Resp: 58197
Ion Ratio Lower Upper
83 100
85 62.6 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: 49.461 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064595.D

Acq: 26 Dec 2019 13:14

Instrument :

MSVOA_D

ClientSampleId :

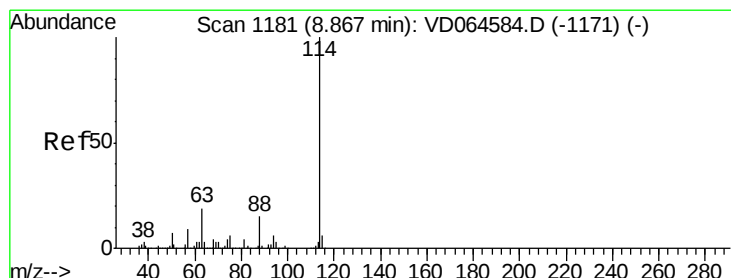
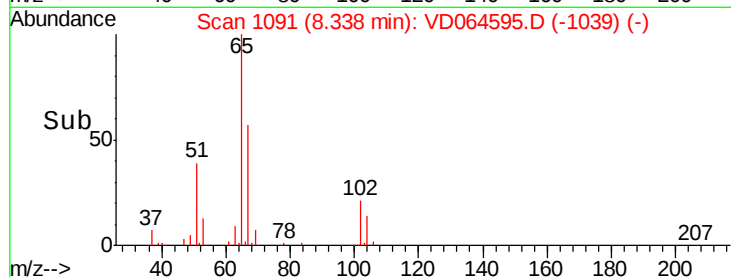
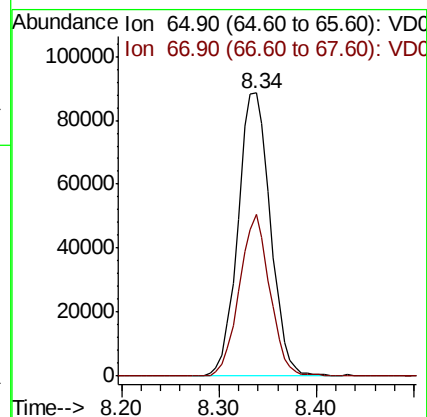
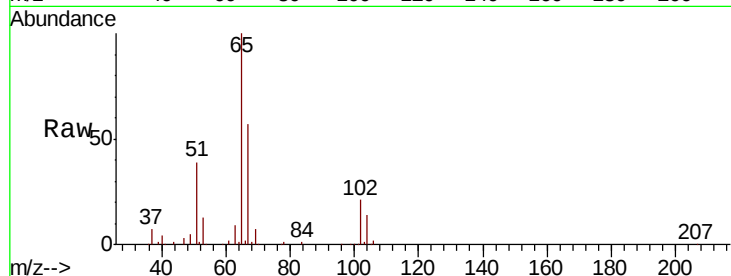
SB-4E-(21.5-23.5)

Tot Ion: 65 Resp: 203997

Ion Ratio Lower Upper

65 100

67 53.9 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: VD064595.D

Acq: 26 Dec 2019 13:14

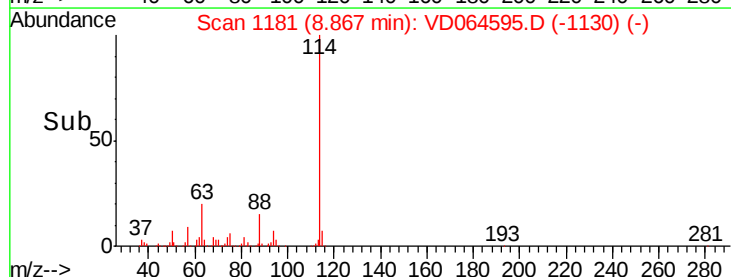
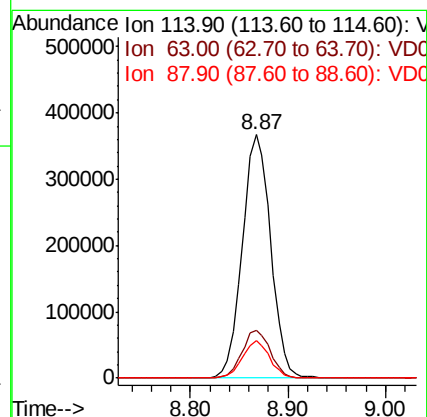
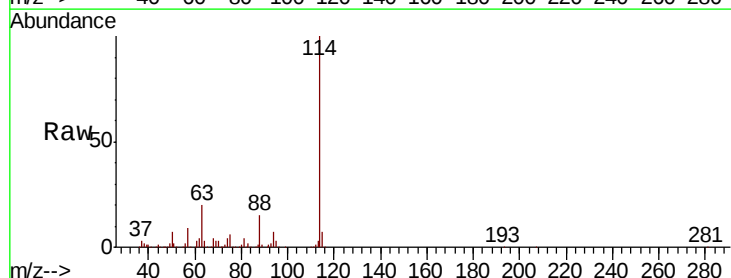
Tgt Ion: 114 Resp: 741035

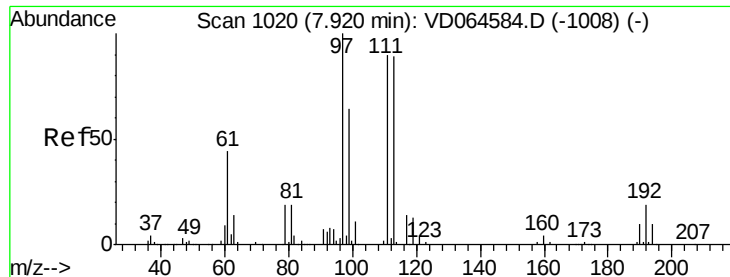
Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.0

88 15.4 0.0 29.2

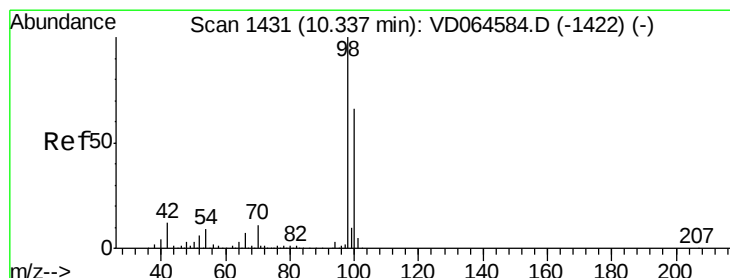
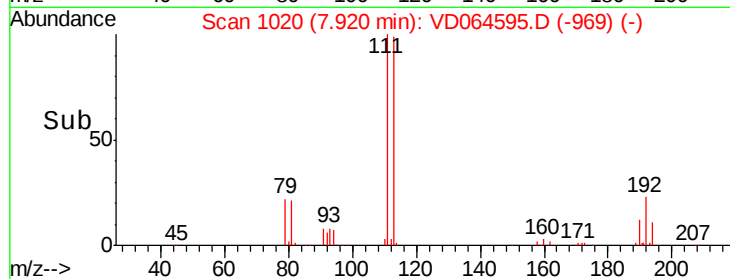
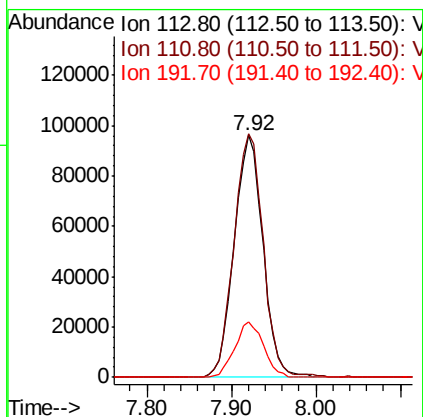
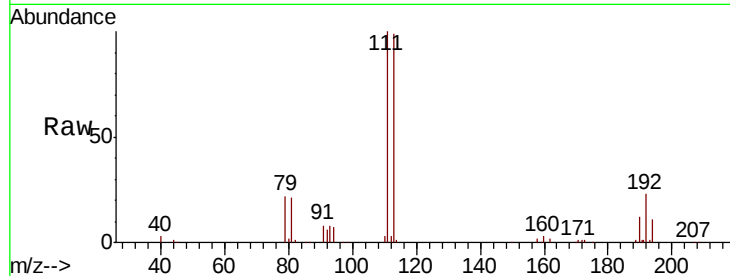




#35
 Dibromofluoromethane
 Concen: 49.604 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064595.D
 Acq: 26 Dec 2019 13:14

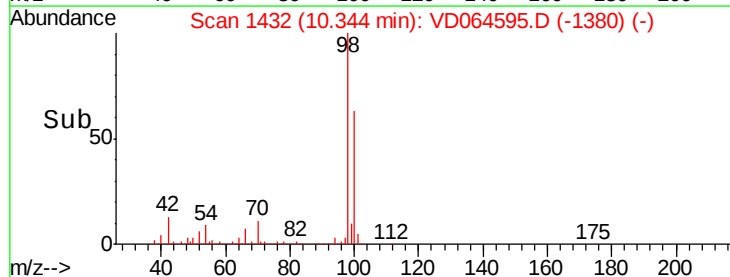
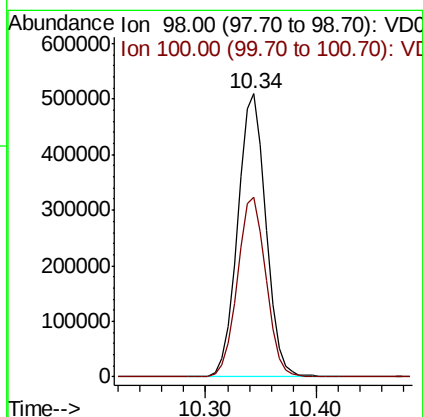
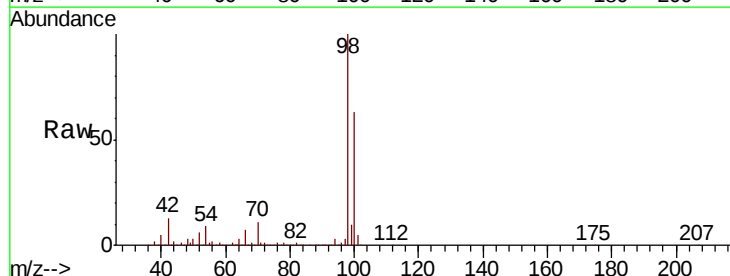
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4E-(21.5-23.5)

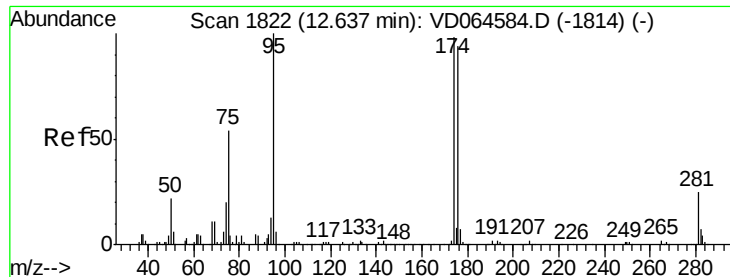
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.6	121.0
192	22.9	17.9	26.9



#50
 Toluene-d8
 Concen: 52.620 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064595.D
 Acq: 26 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5

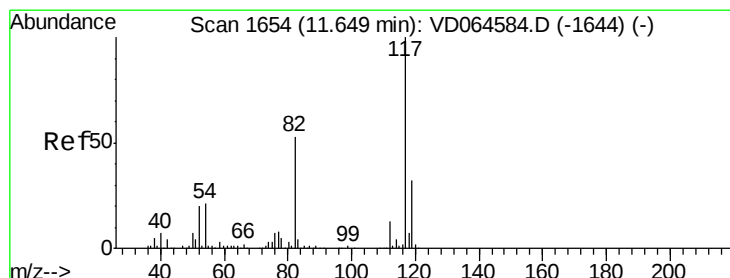
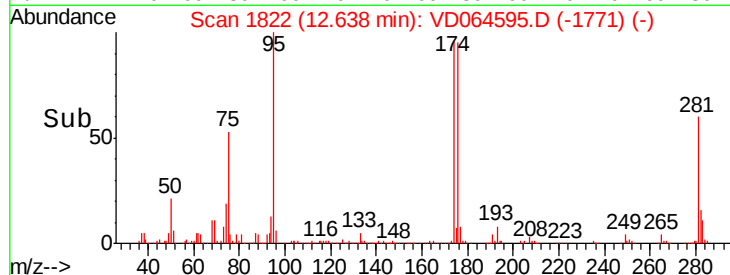
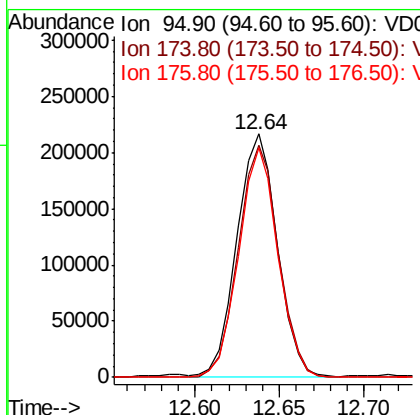
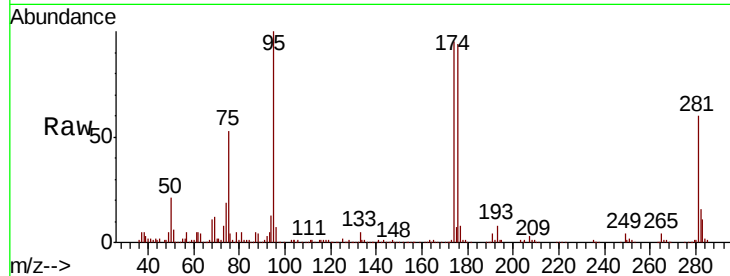




#62
4-Bromofluorobenzene
Concen: 64.783 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064595.D
Acq: 26 Dec 2019 13:14

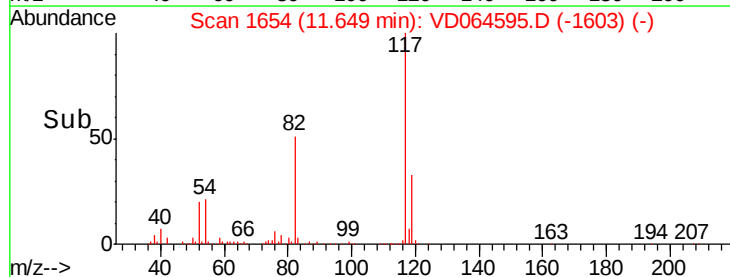
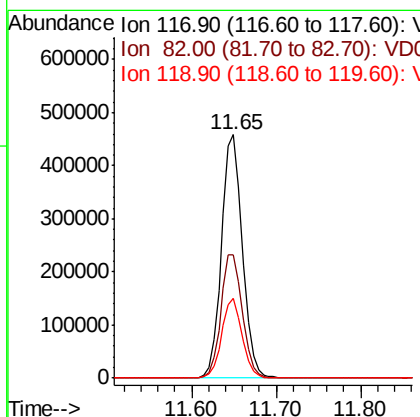
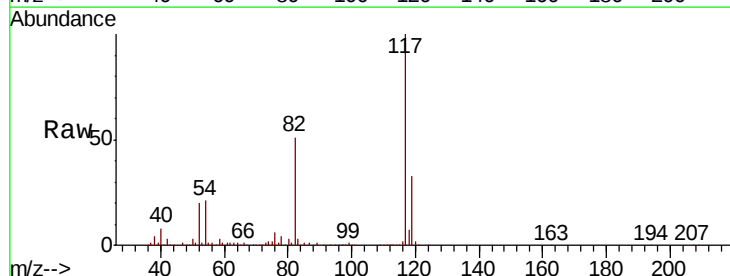
Instrument :
MSVOA_D
ClientSampleId :
SB-4E-(21.5-23.5)

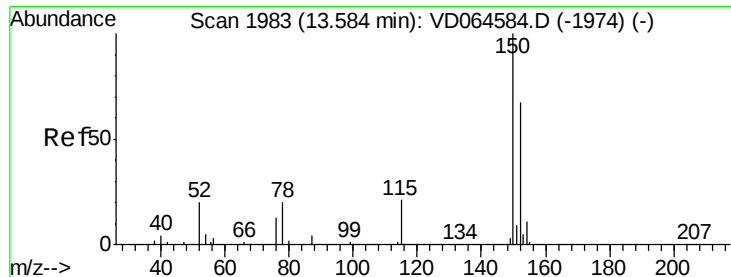
Tot Ion: 95 Resp: 356687
Ion Ratio Lower Upper
95 100
174 95.7 0.0 193.2
176 92.5 0.0 184.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064595.D
Acq: 26 Dec 2019 13:14

Tgt Ion: 117 Resp: 783021
Ion Ratio Lower Upper
117 100
82 50.6 42.2 63.4
119 32.8 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: VD064595.D

Acq: 26 Dec 2019 13:14

Instrument :

MSVOA_D

ClientSampleId :

SB-4E-(21.5-23.5)

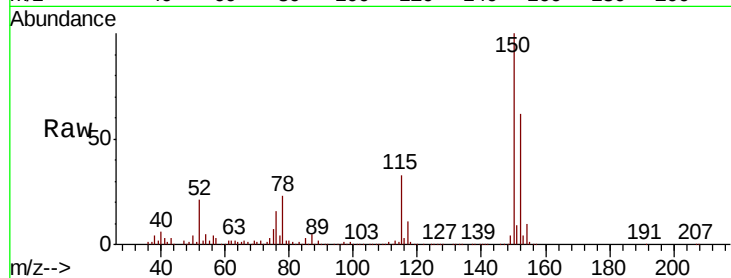
Tot Ion:152 Resp: 411073

Ion Ratio Lower Upper

152 100

115 54.7 27.8 83.4

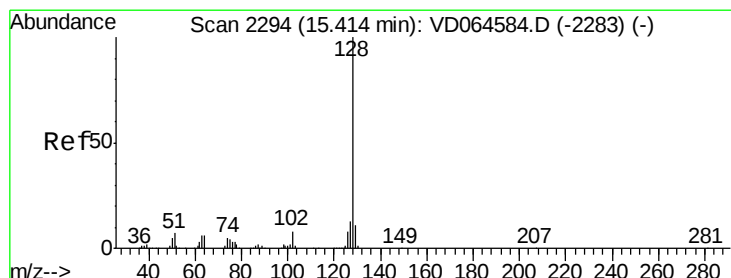
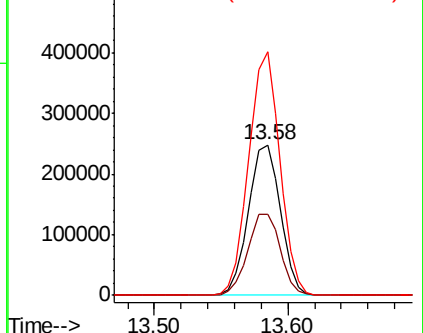
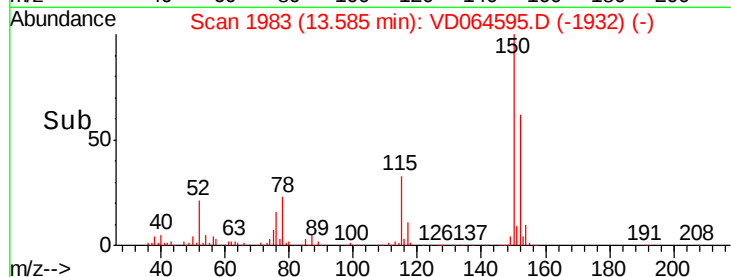
150 157.1 0.0 351.4



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: 1.322 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD064595.D

Acq: 26 Dec 2019 13:14

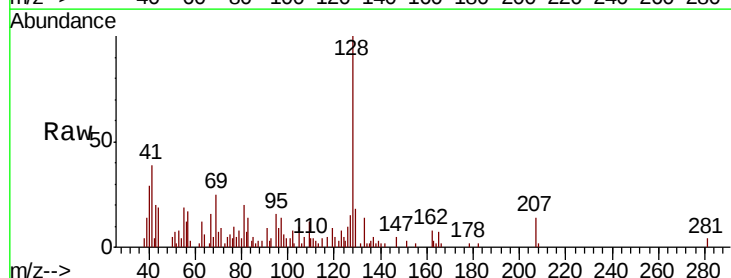
Tgt Ion:128 Resp: 18073

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 19.5 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

