

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122719\
 Data File : VD064638.D
 Acq On : 27 Dec 2019 12:02
 Operator : VA/SY
 Sample : K6435-03
 Misc : 7.47G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3E-(09.5)

Quant Time: Dec 30 01:28:48 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

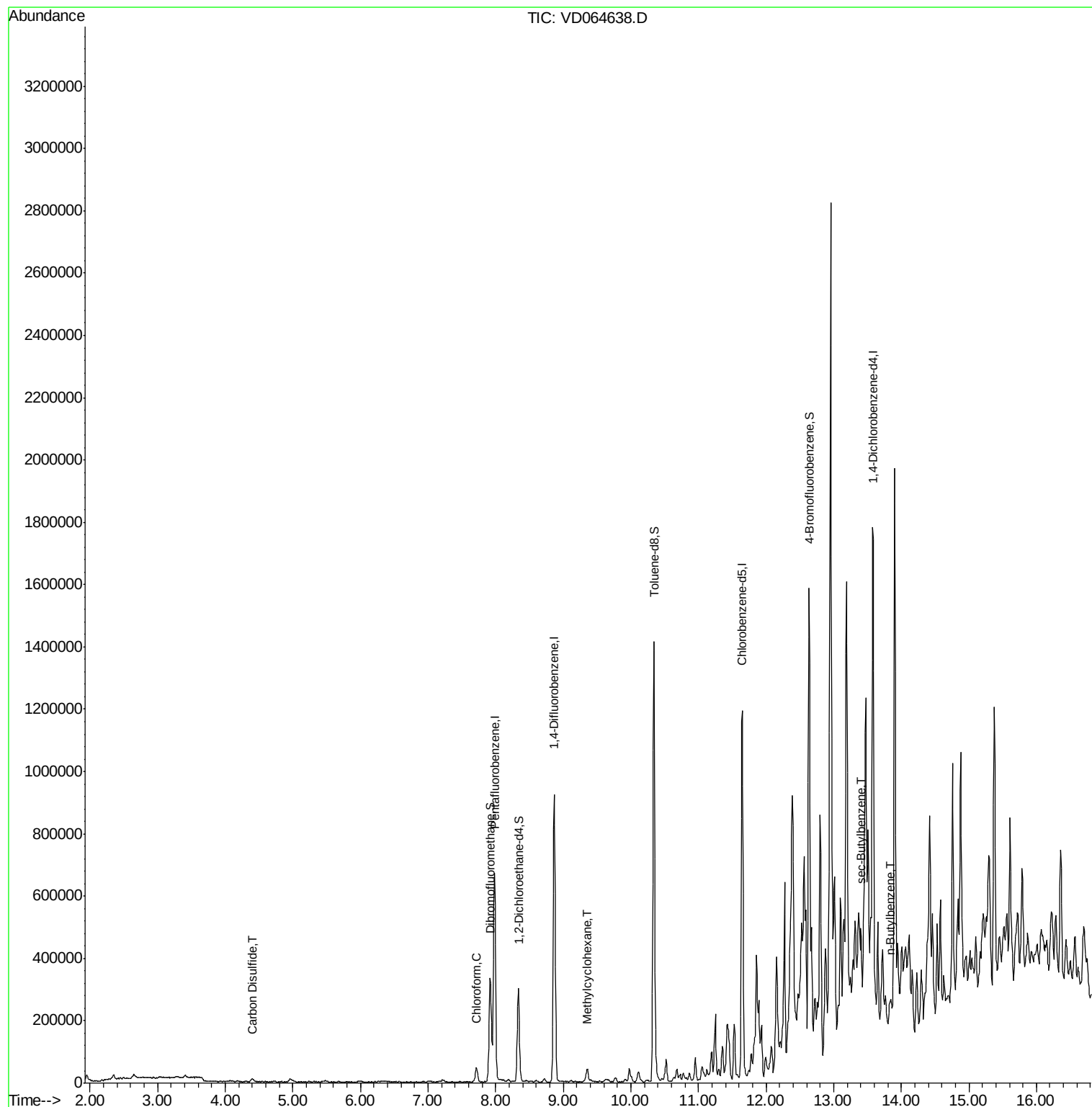
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	521651	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	786426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	684072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	345982	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	231518	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
35) Dibromofluoromethane	7.92	113	233836	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	10.34	98	927203	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.64	95	295152	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
17) Carbon Disulfide	4.40	76	21089	1.421	ug/l	96
30) Chloroform	7.71	83	42139	4.688	ug/l	98
39) Methylcyclohexane	9.36	83	16189	1.766	ug/l	89
85) sec-Butylbenzene	13.41	105	34629	1.432	ug/l	86
89) n-Butylbenzene	13.85	91	27327	1.313	ug/l #	80

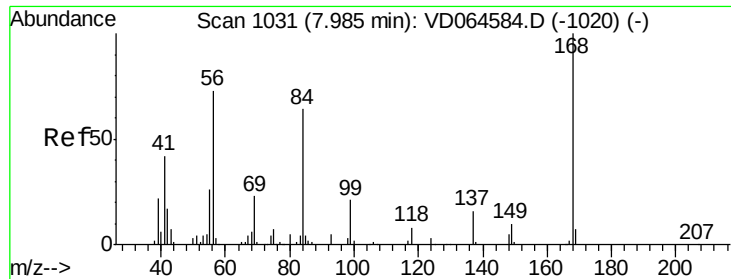
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122719\
Data File : VD064638.D
Acq On : 27 Dec 2019 12:02
Operator : VA/SY
Sample : K6435-03
Misc : 7.47G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Quant Time: Dec 30 01:28:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
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: VD064638.D

Acq: 27 Dec 2019 12:02

Instrument :

MSVOA_D

ClientSampleId :

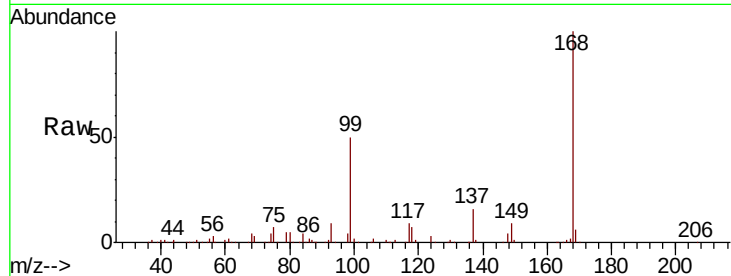
SB-3E-(09.5)

Tot Ion:168 Resp: 521651

Ion Ratio Lower Upper

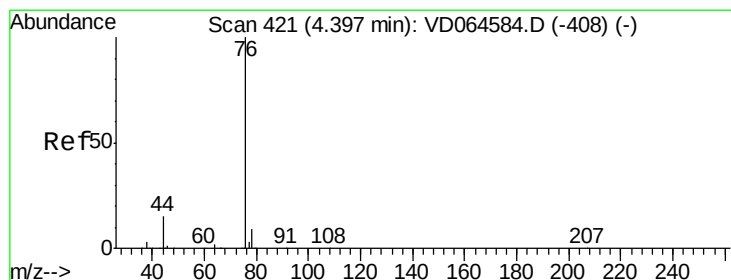
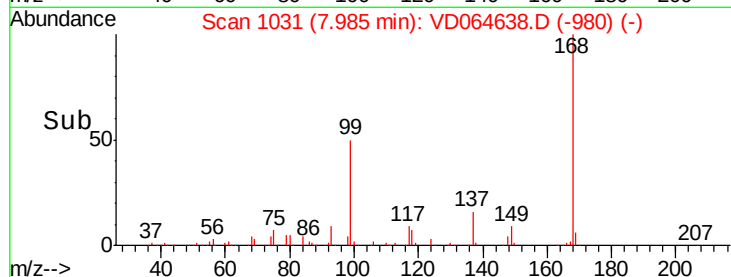
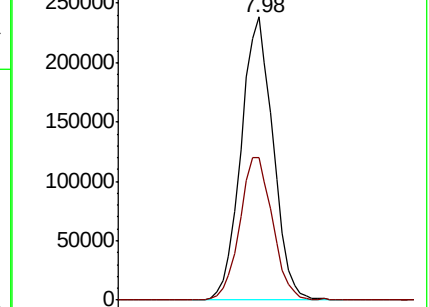
168 100

99 50.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 1.421 ug/l

RT: 4.40 min Scan# 422

Delta R.T. 0.01 min

Lab File: VD064638.D

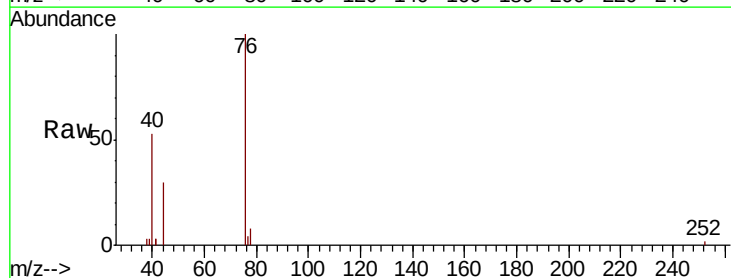
Acq: 27 Dec 2019 12:02

Tgt Ion: 76 Resp: 21089

Ion Ratio Lower Upper

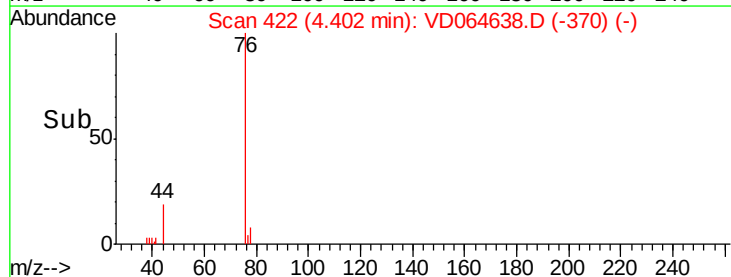
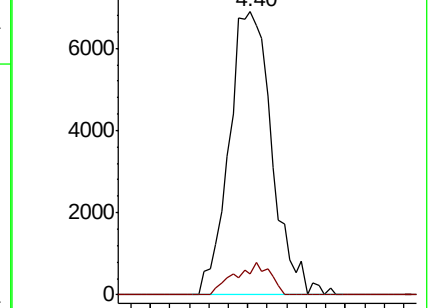
76 100

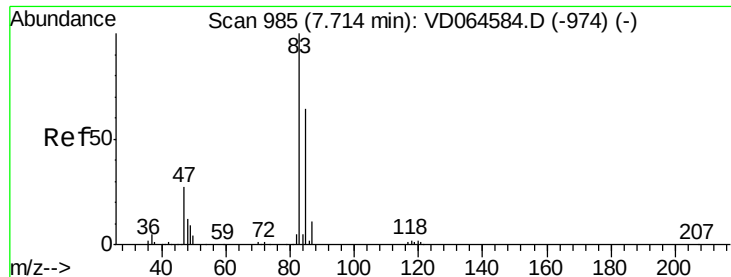
78 7.6 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

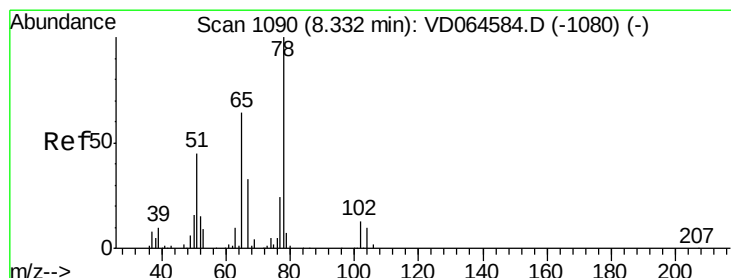
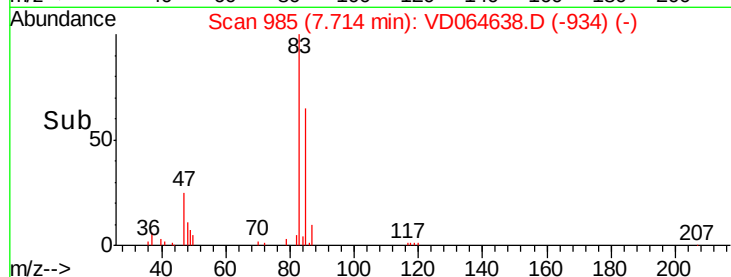
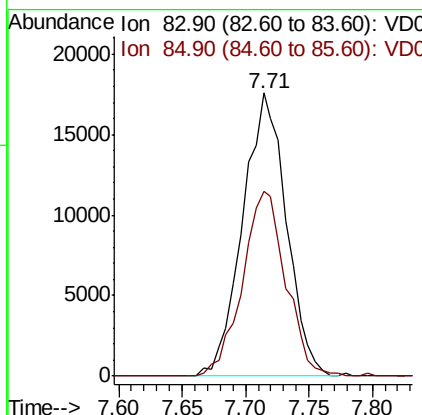
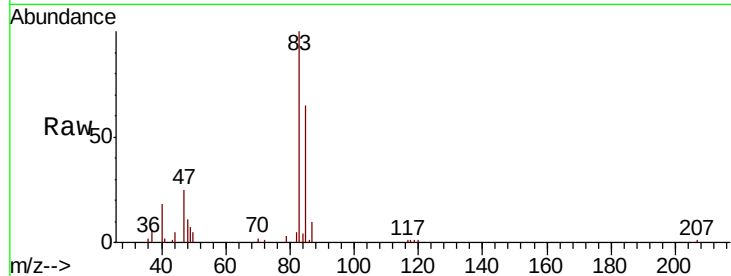




#30
Chloroform
Concen: 4.688 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

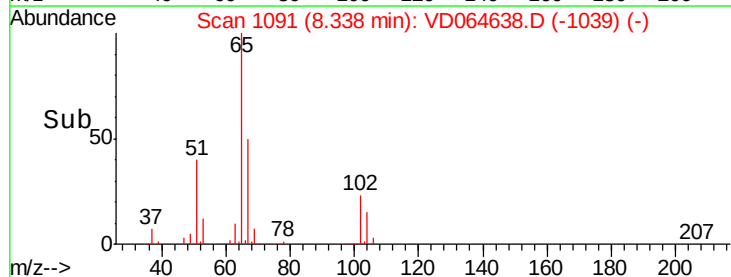
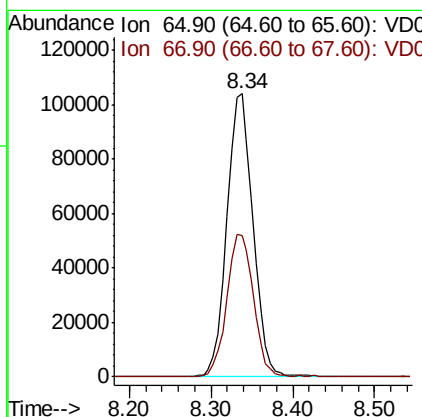
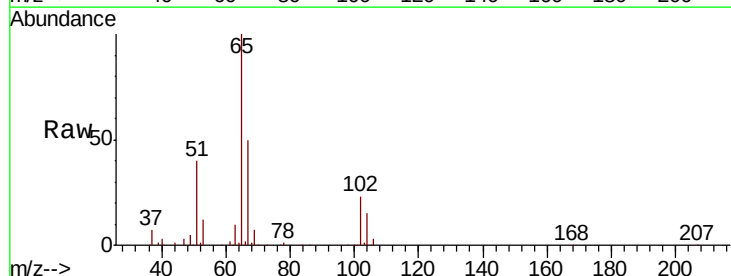
Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

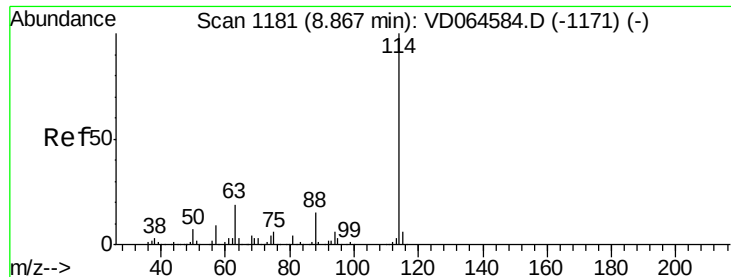
Tot Ion: 83 Resp: 42139
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.332 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 65 Resp: 231518
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.2

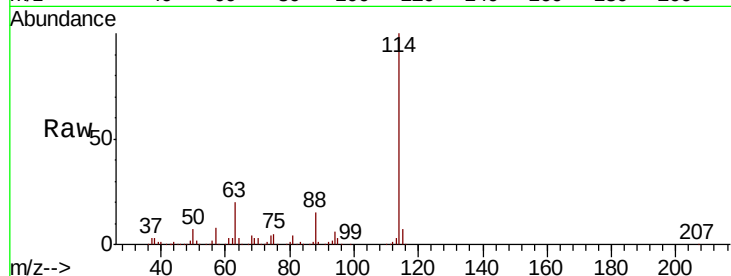




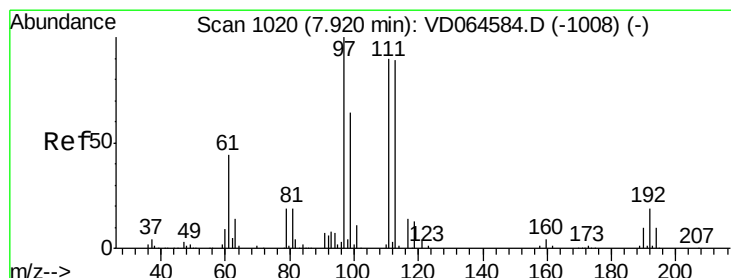
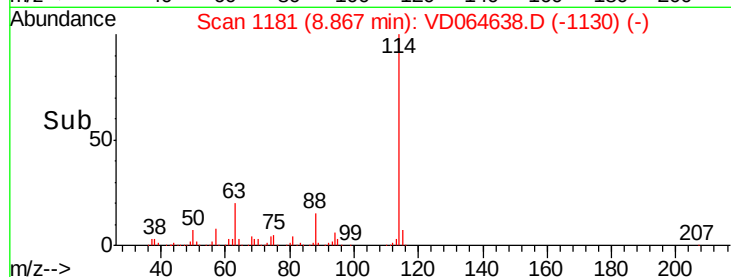
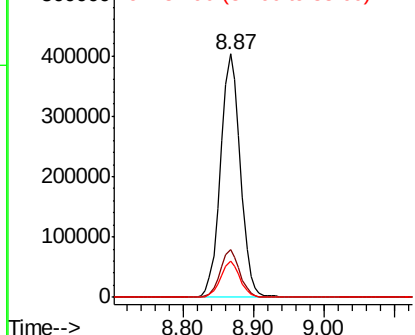
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

Tot Ion:114 Resp: 786426
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.0
88 14.7 0.0 29.2

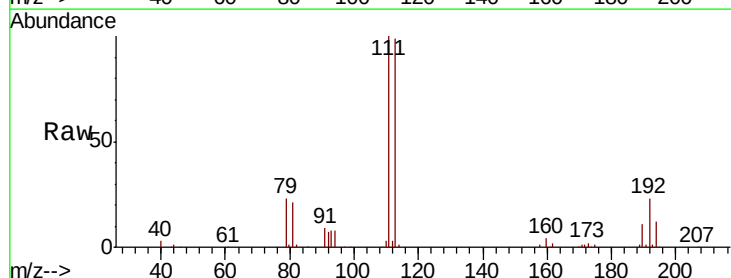


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

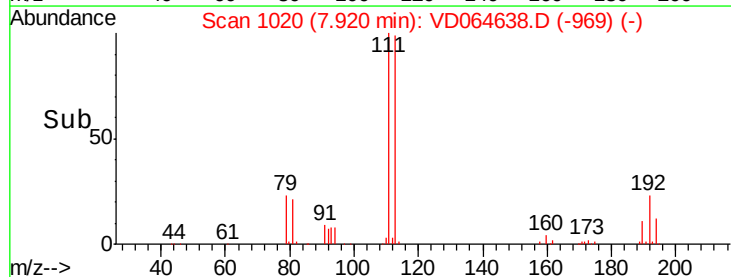
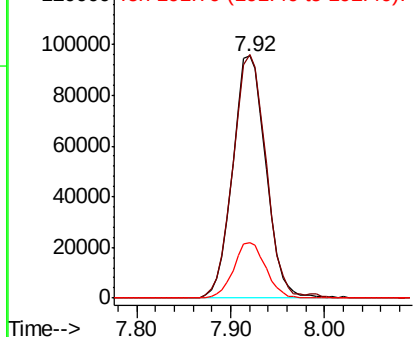


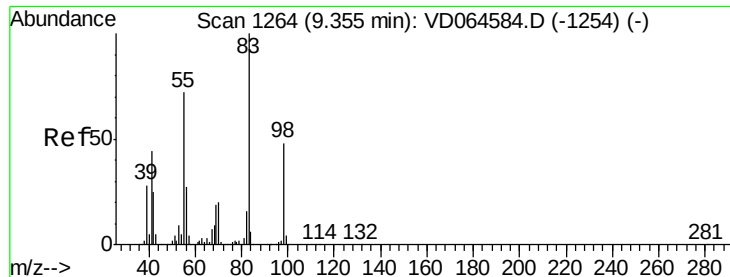
#35
Dibromofluoromethane
Concen: 48.465 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion:113 Resp: 233836
Ion Ratio Lower Upper
113 100
111 99.8 80.6 121.0
192 22.2 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

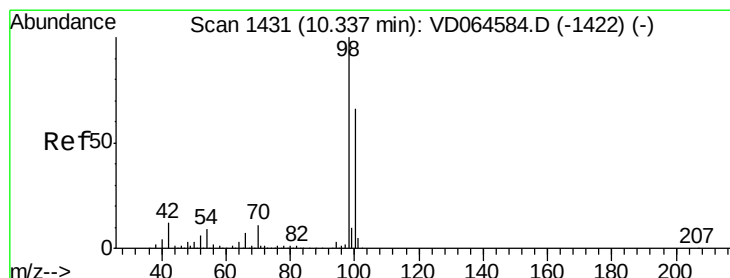
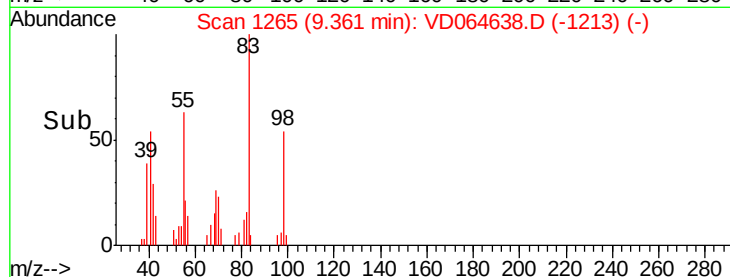
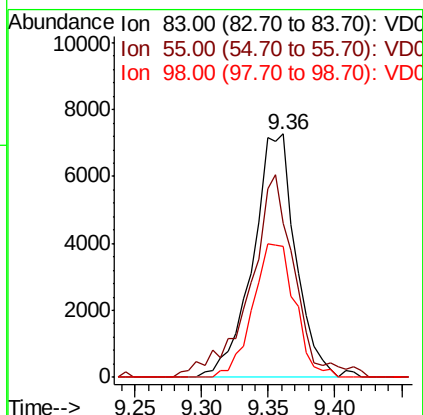
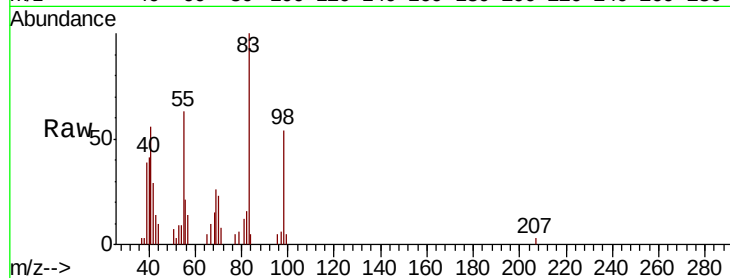




#39
Methylcyclohexane
Concen: 1.766 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

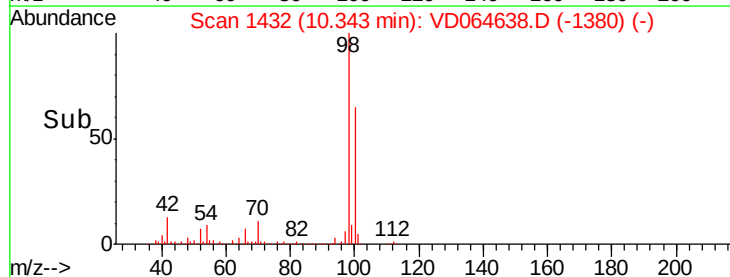
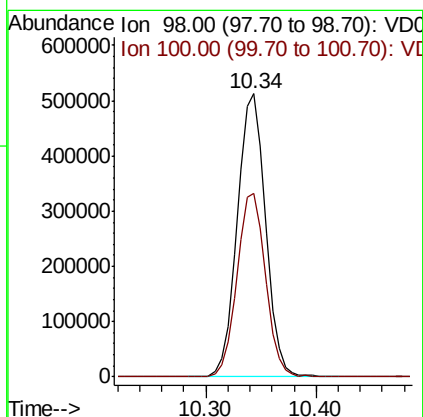
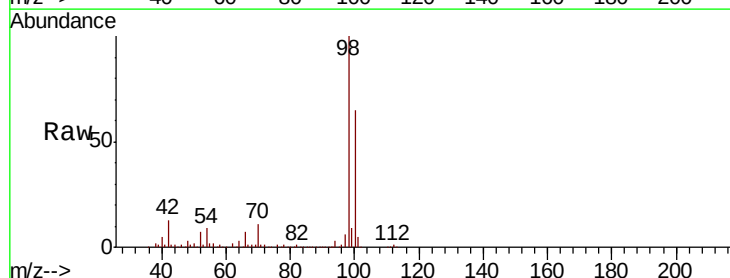
Instrument :
MSVOA_D
ClientSampleId :
SB-3E-(09.5)

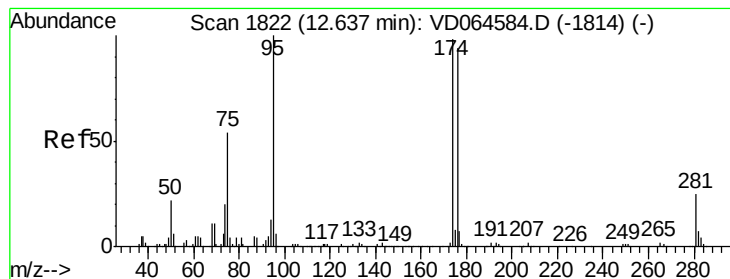
Tot Ion: 83 Resp: 16189
Ion Ratio Lower Upper
83 100
55 60.6 57.8 86.6
98 53.7 38.7 58.1



#50
Toluene-d8
Concen: 50.177 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064638.D
Acq: 27 Dec 2019 12:02

Tgt Ion: 98 Resp: 927203
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 50.512 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064638.D

Acq: 27 Dec 2019 12:02

Instrument :

MSVOA_D

ClientSampleId :

SB-3E-(09.5)

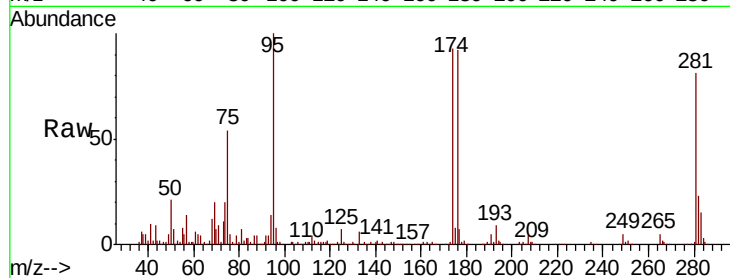
Tot Ion: 95 Resp: 295152

Ion Ratio Lower Upper

95 100

174 93.6 0.0 193.2

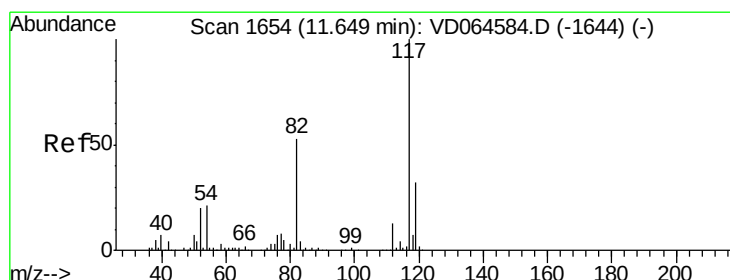
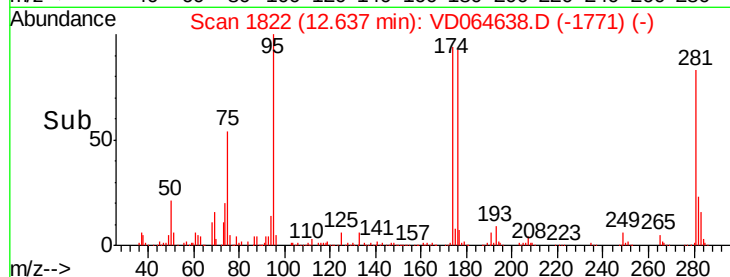
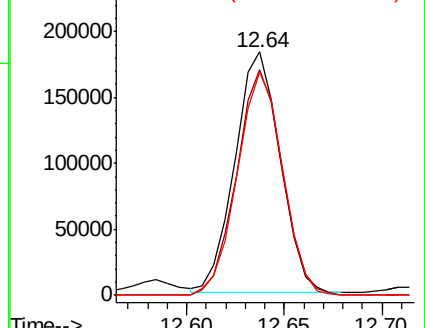
176 92.5 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064638.D

Acq: 27 Dec 2019 12:02

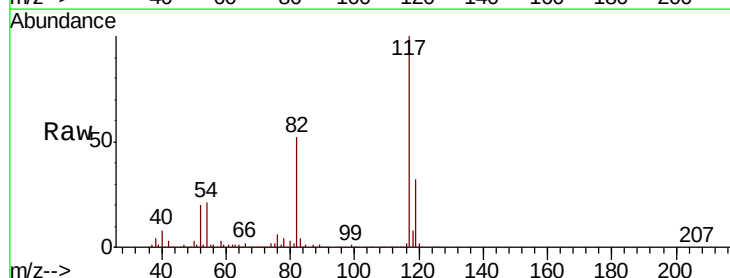
Tgt Ion: 117 Resp: 684072

Ion Ratio Lower Upper

117 100

82 52.0 42.2 63.4

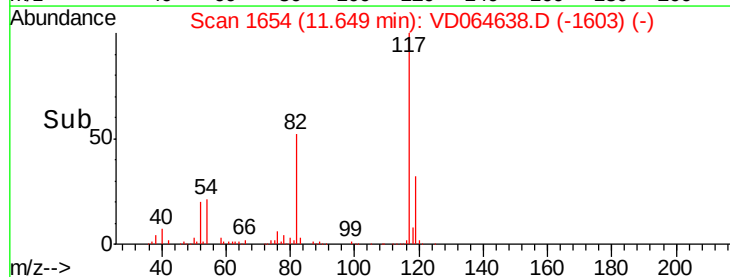
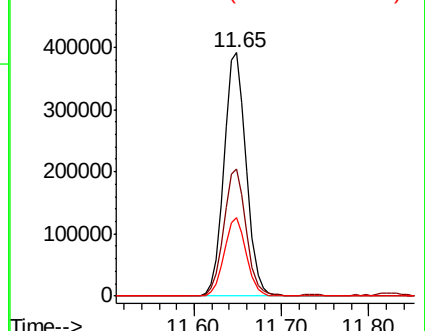
119 32.2 26.0 39.0

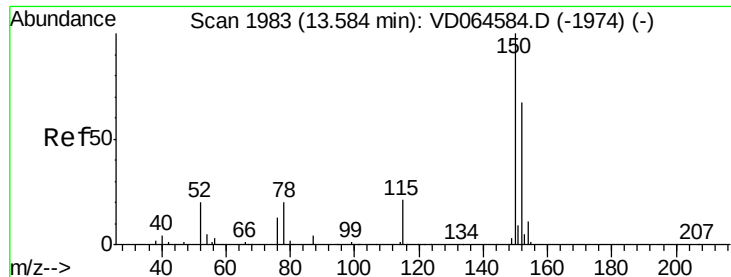


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064638.D

Acq: 27 Dec 2019 12:02

Instrument :

MSVOA_D

ClientSampleId :

SB-3E-(09.5)

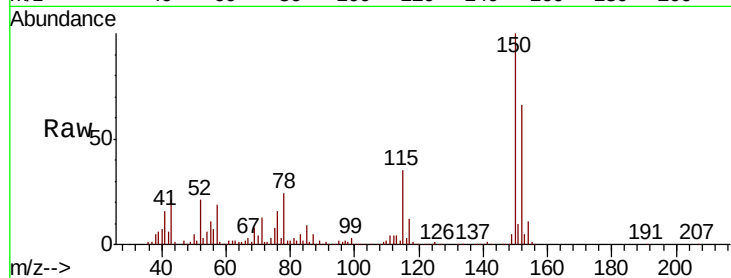
Tot Ion:152 Resp: 345982

Ion Ratio Lower Upper

152 100

115 53.4 27.8 83.4

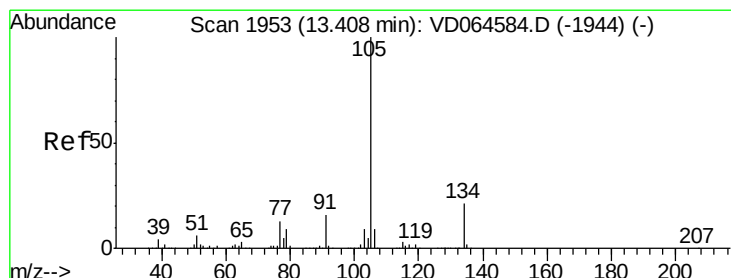
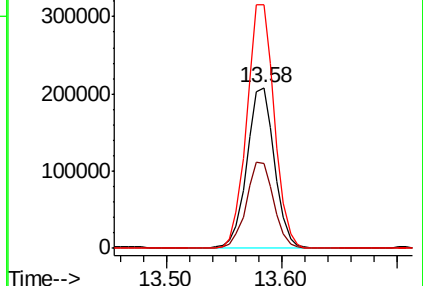
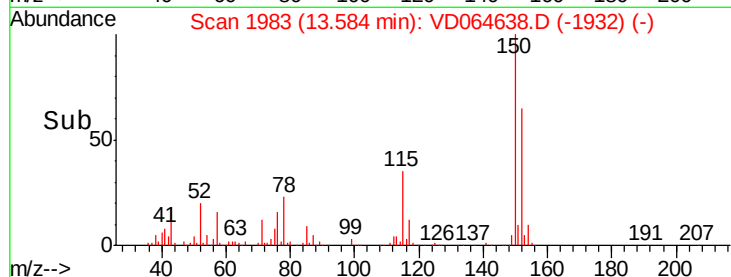
150 151.6 0.0 351.4



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



#85

sec-Butylbenzene

Concen: 1.432 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064638.D

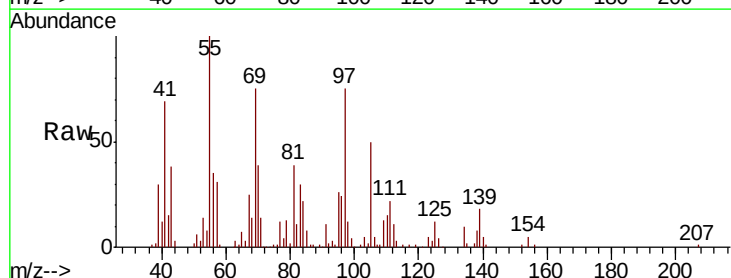
Acq: 27 Dec 2019 12:02

Tgt Ion:105 Resp: 34629

Ion Ratio Lower Upper

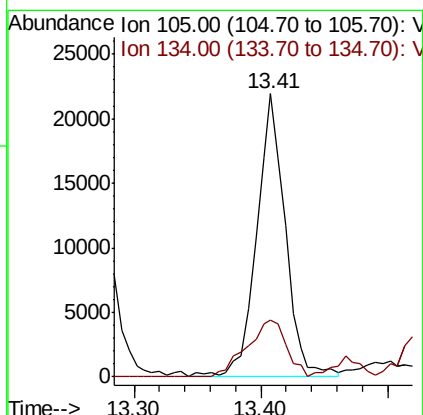
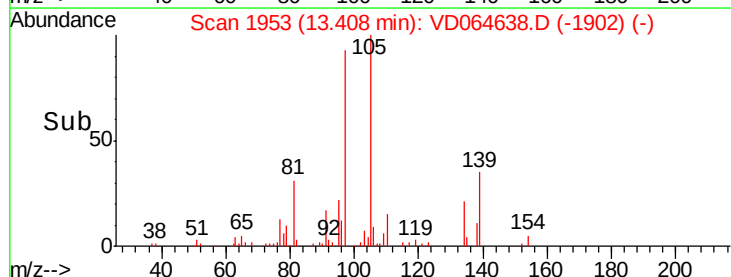
105 100

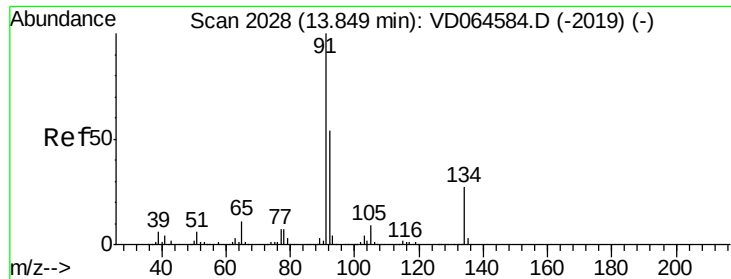
134 27.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

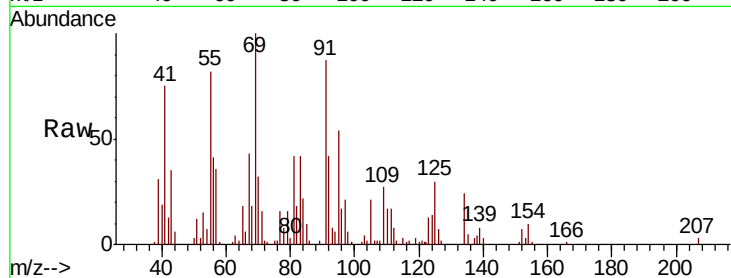




#89
 n-Butylbenzene
 Concen: 1.313 ug/l
 RT: 13.85 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: VD064638.D
 Acq: 27 Dec 2019 12:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3E-(09.5)

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	26.8	80.4
134	0.0	14.0	41.9



Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 92.00 (91.70 to 92.70): VDC
 Ion 134.00 (133.70 to 134.70): VDC

