

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064872.D
 Acq On : 17 Jan 2020 19:34
 Operator : VA/SY
 Sample : L1176-12
 Misc : 5.38G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-10

Quant Time: Jan 17 23:55:58 2020
 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

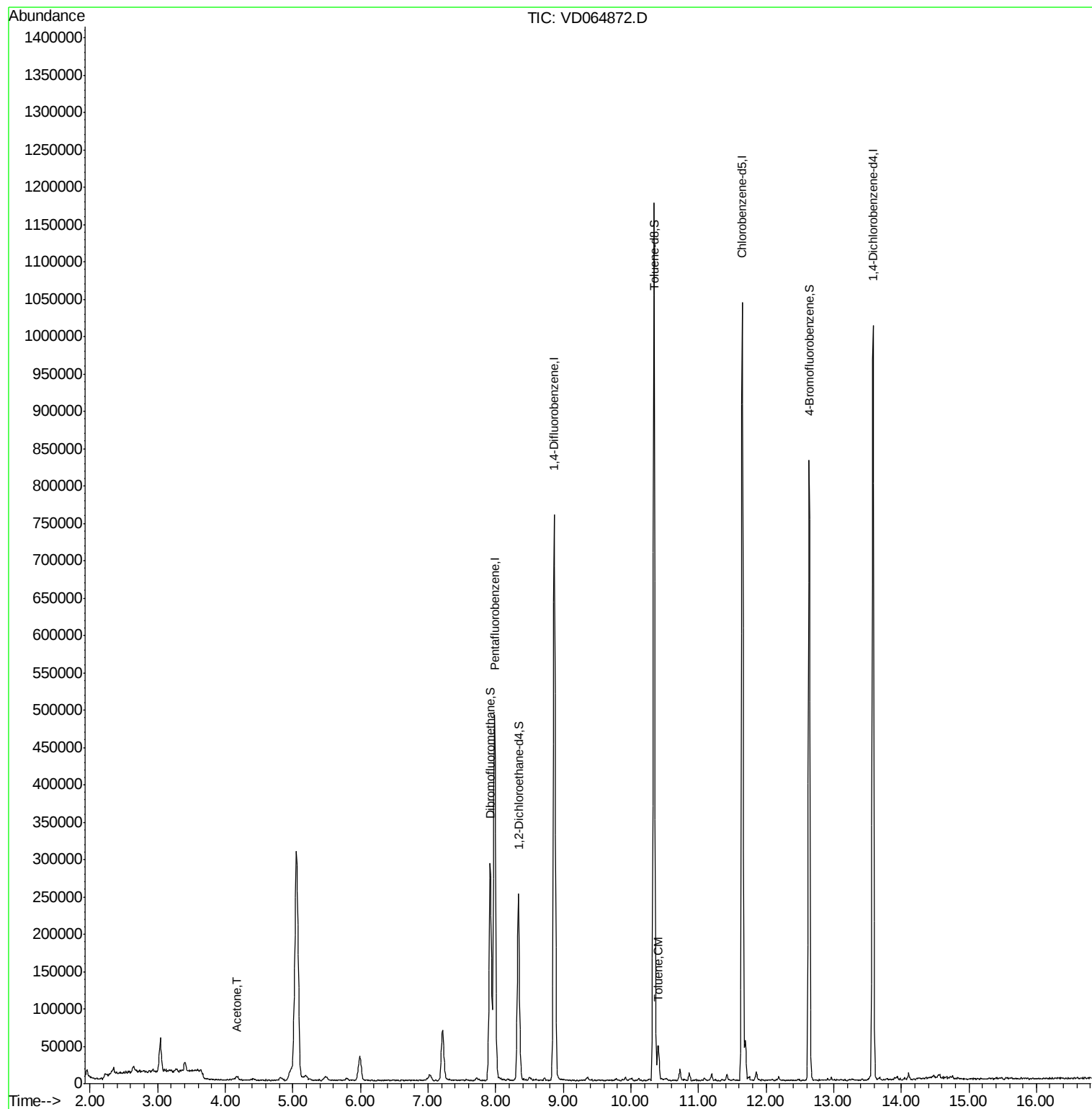
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	379794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	624950	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	581446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	268578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	195748	58.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.90%	
35) Dibromofluoromethane	7.92	113	201185	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.34	98	761373	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.64	95	241926	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
16) Acetone	4.17	43	9789	16.439	ug/l	91
52) Toluene	10.41	92	18688	1.735	ug/l	94

(#) = 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: VD064872.D

Acq: 17 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

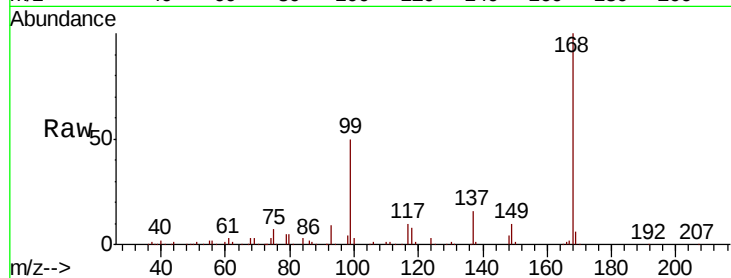
EP-10

Tot Ion:168 Resp: 379794

Ion Ratio Lower Upper

168 100

99 50.3 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

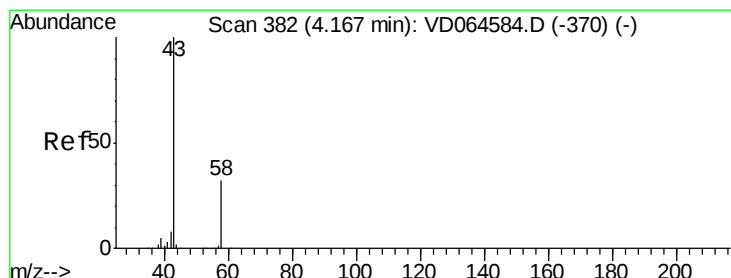
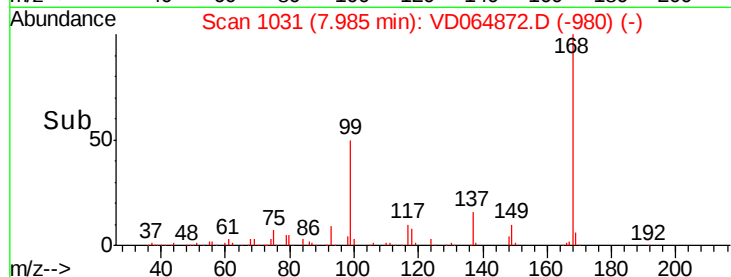
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.439 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064872.D

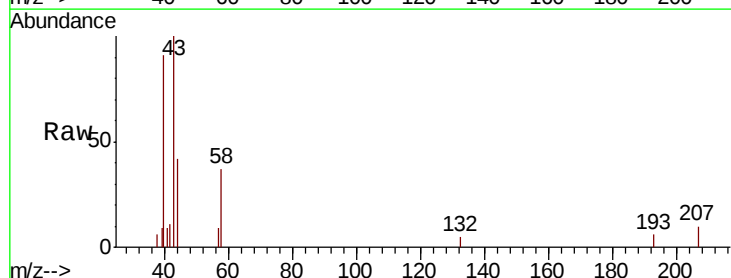
Acq: 17 Jan 2020 19:34

Tgt Ion: 43 Resp: 9789

Ion Ratio Lower Upper

43 100

58 37.3 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

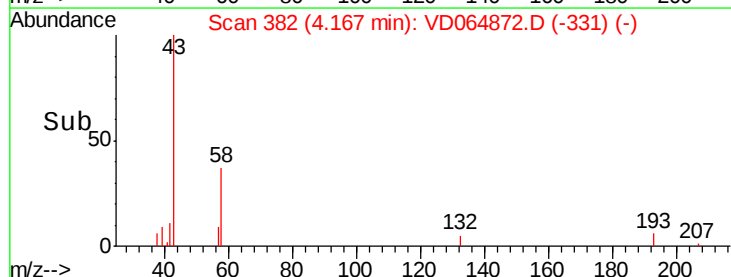
3000

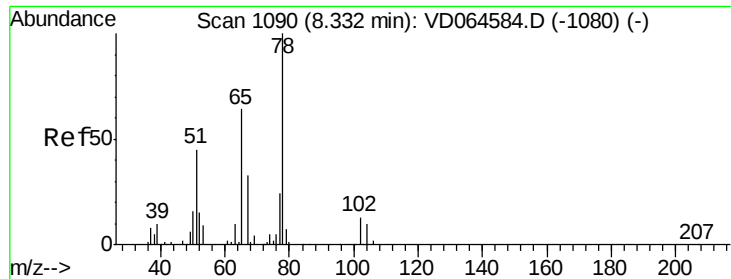
2000

1000

0

Time-->

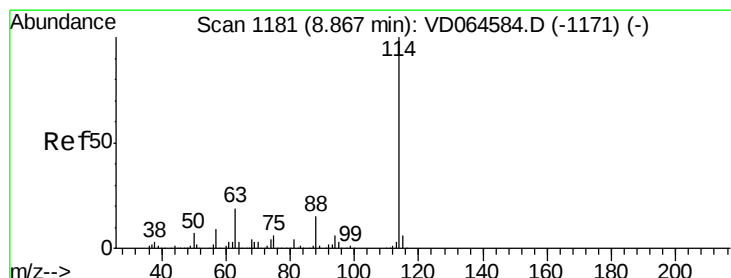
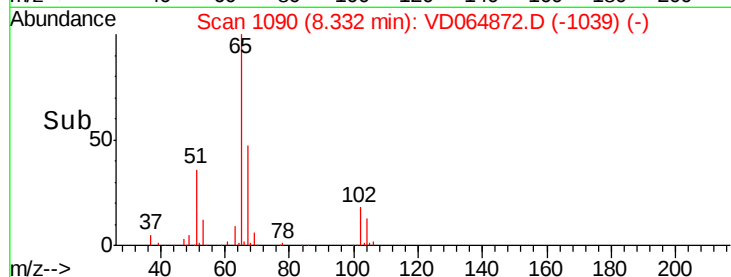
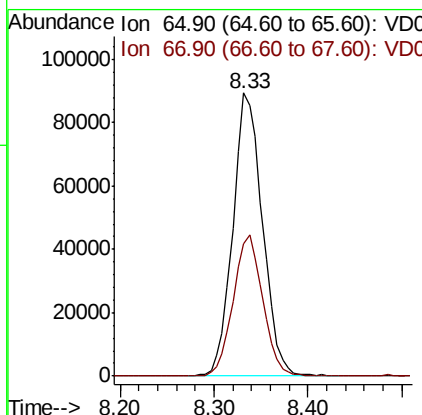
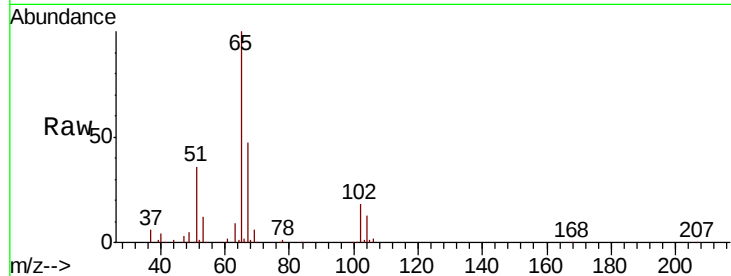




#33
 1,2-Dichloroethane-d4
 Concen: 58.450 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064872.D
 Acq: 17 Jan 2020 19:34

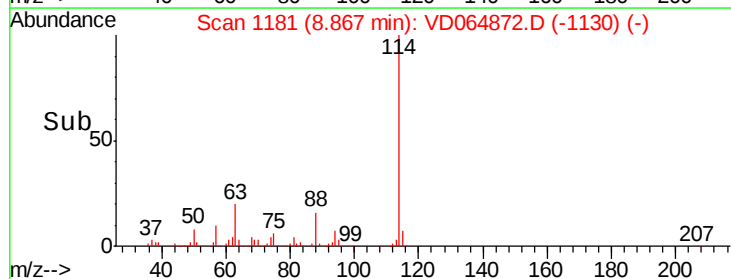
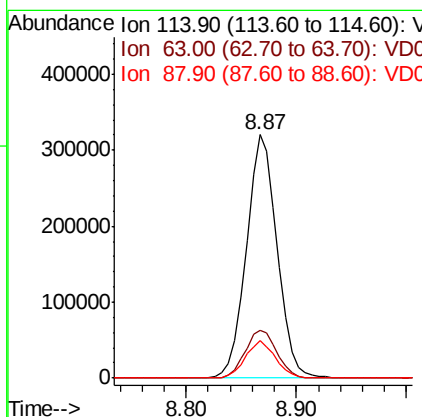
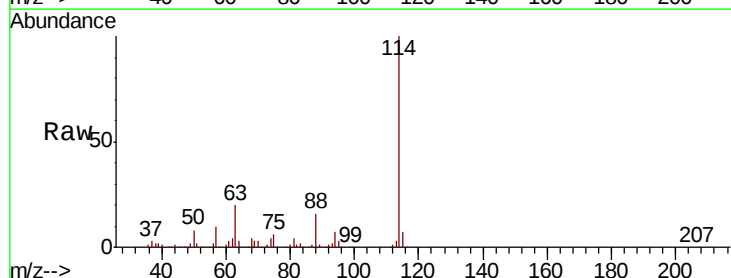
Instrument :
 MSVOA_D
 ClientSampleId :
 EP-10

Tot Ion: 65 Resp: 195748
 Ion Ratio Lower Upper
 65 100
 67 49.7 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: VD064872.D
 Acq: 17 Jan 2020 19:34

Tgt Ion: 114 Resp: 624950
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.0
 88 15.5 0.0 29.2

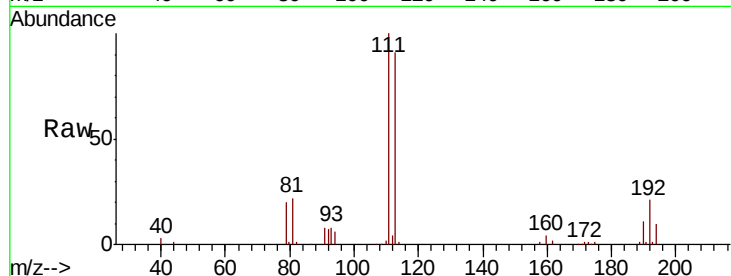




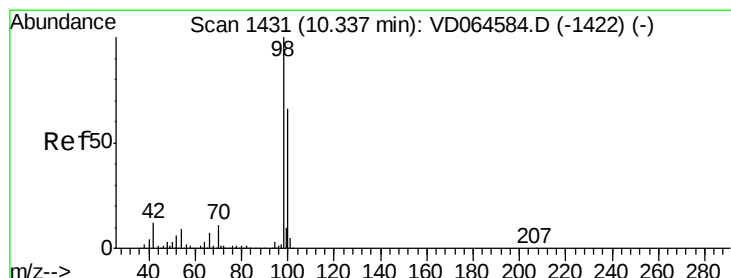
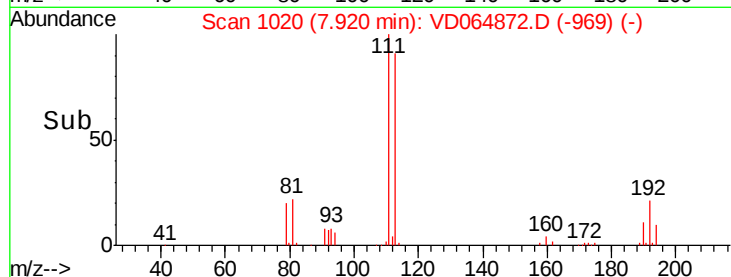
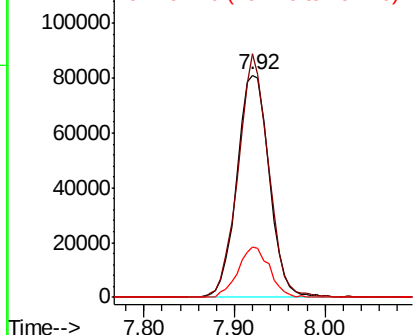
#35
Dibromofluoromethane
Concen: 52.471 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064872.D
Acq: 17 Jan 2020 19:34

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.6	121.0
192	22.3	17.9	26.9

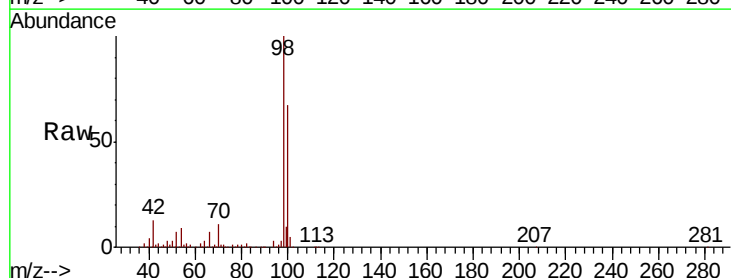


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

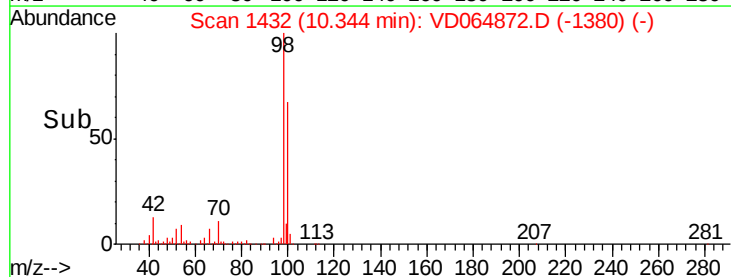
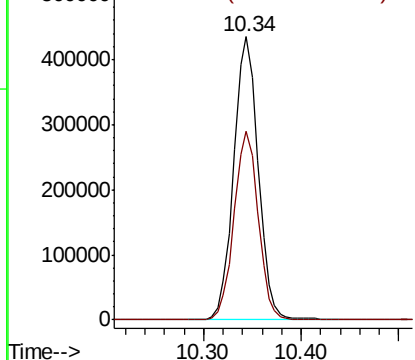


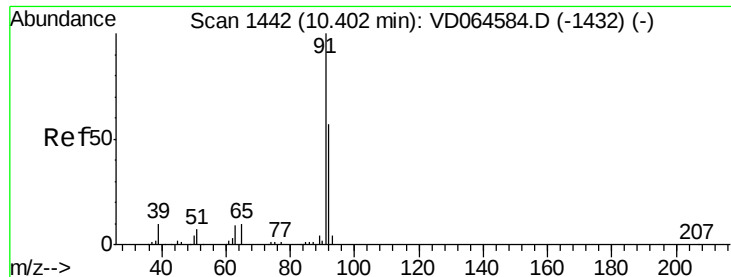
#50
Toluene-d8
Concen: 51.849 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064872.D
Acq: 17 Jan 2020 19:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.735 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.01 min

Lab File: VD064872.D

Acq: 17 Jan 2020 19:34

Instrument :

MSVOA_D

ClientSampleId :

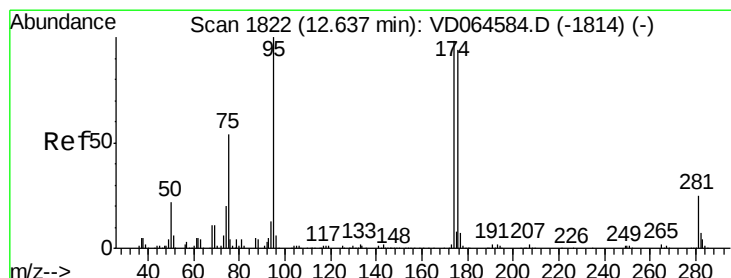
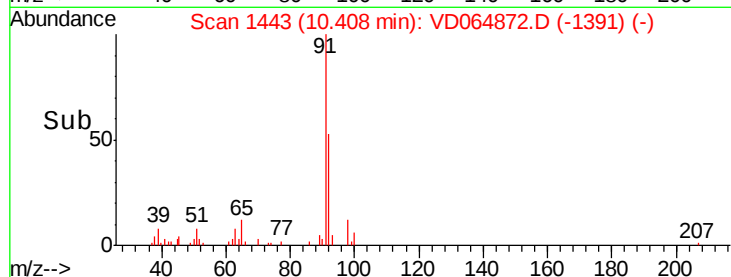
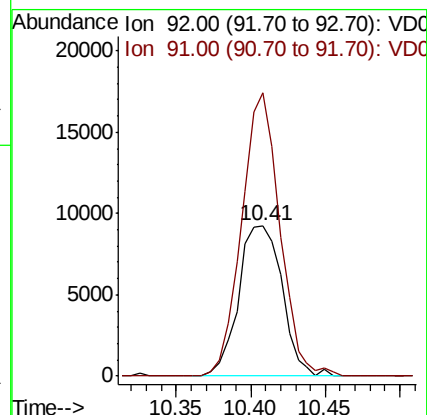
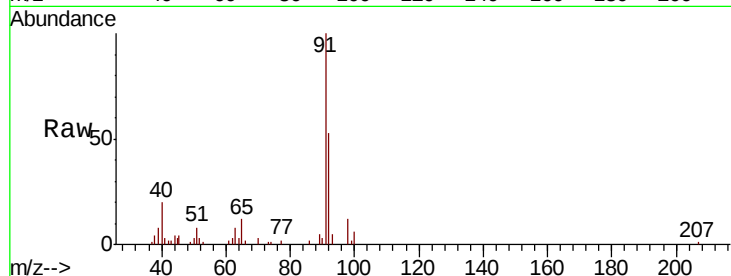
EP-10

Tot Ion: 92 Resp: 18688

Ion Ratio Lower Upper

92 100

91 165.1 138.7 208.1



#62

4-Bromofluorobenzene

Concen: 52.101 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064872.D

Acq: 17 Jan 2020 19:34

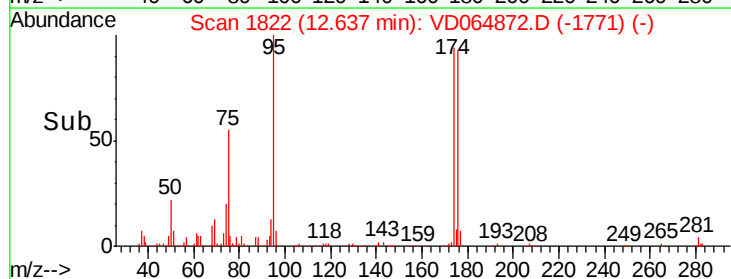
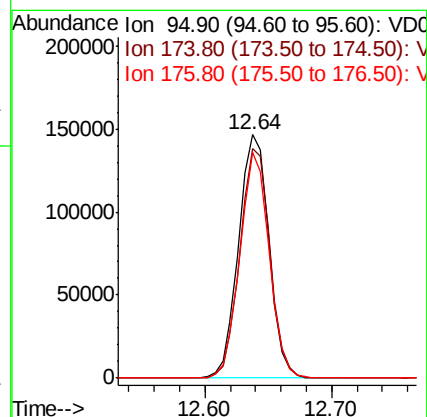
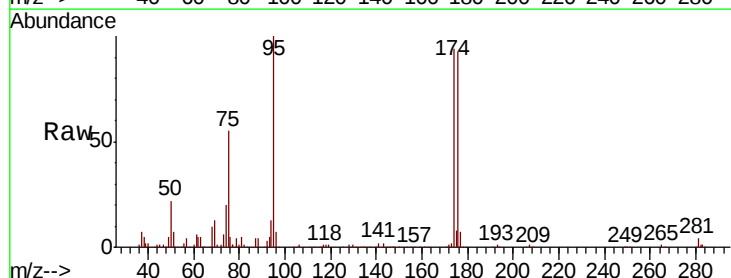
Tgt Ion: 95 Resp: 241926

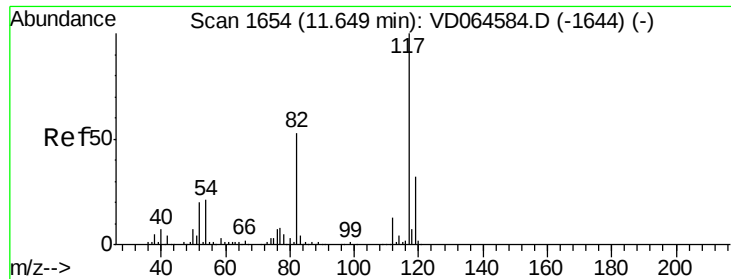
Ion Ratio Lower Upper

95 100

174 93.5 0.0 193.2

176 89.7 0.0 184.2

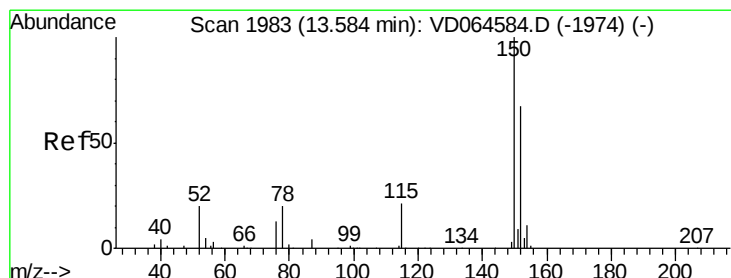
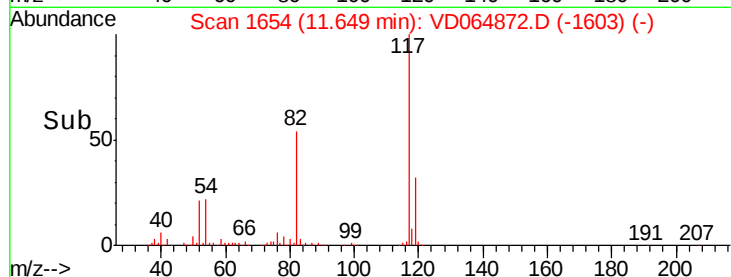
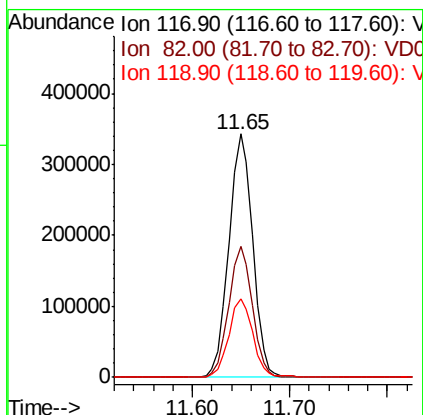
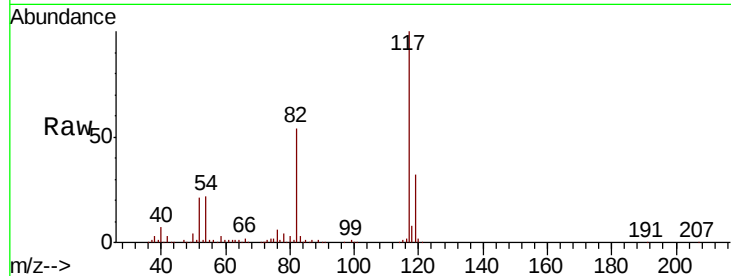




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064872.D
Acq: 17 Jan 2020 19:34

Instrument :
MSVOA_D
ClientSampleId :
EP-10

Tot Ion:117 Resp: 581446
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 32.2 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: VD064872.D
Acq: 17 Jan 2020 19:34

Tgt Ion:152 Resp: 268578
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 159.7 0.0 351.4

