

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012920\
 Data File : VD064993.D
 Acq On : 29 Jan 2020 13:25
 Operator : VA/SY
 Sample : L1289-17RE
 Misc : 8.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32-33RE

Quant Time: Jan 29 15:54:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	226818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	368956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.66	117	383576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	186668	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	147666	67.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.74%	
35) Dibromofluoromethane	7.92	113	130397	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
50) Toluene-d8	10.34	98	451508	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.64	95	161790	59.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.16%	

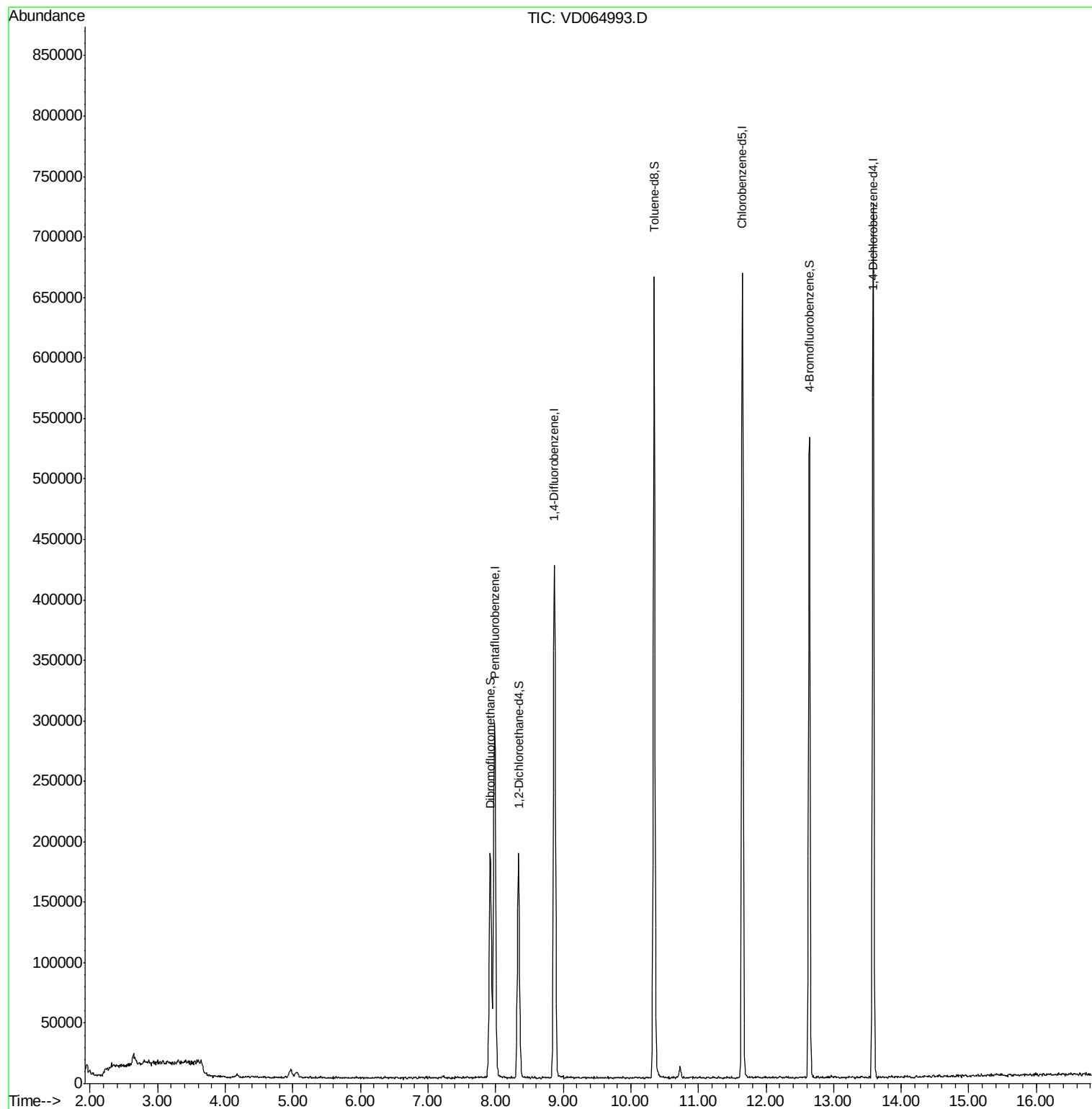
Target Compounds	Qvalue
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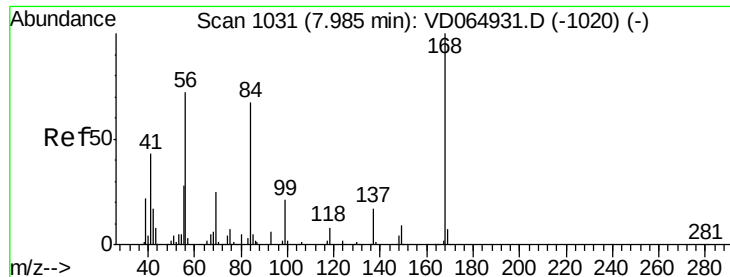
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064993.D

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Instrument :

MSVOA_D

ClientSampleId :

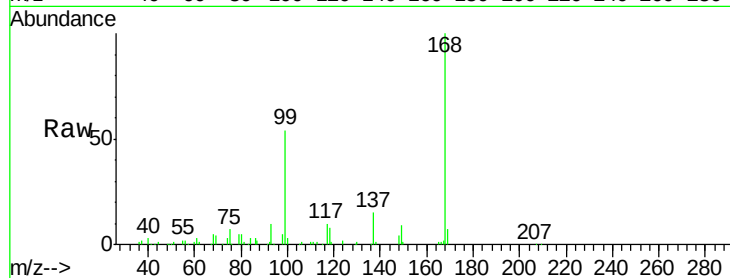
TP-32-33RE

Tot Ion:168 Resp: 226818

Ion Ratio Lower Upper

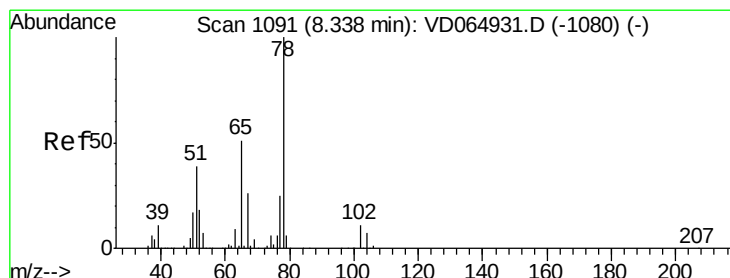
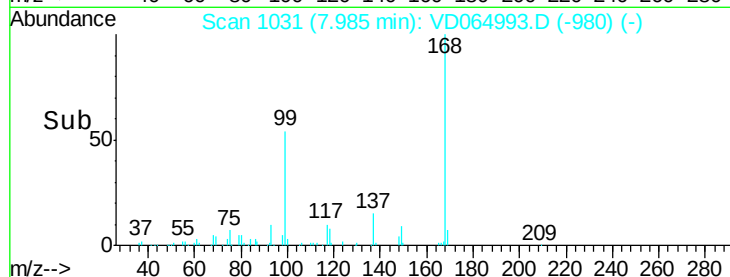
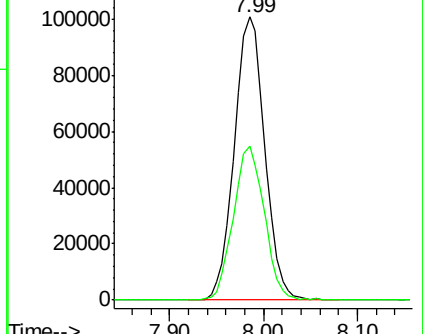
168 100

99 54.4 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 67.871 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064993.D

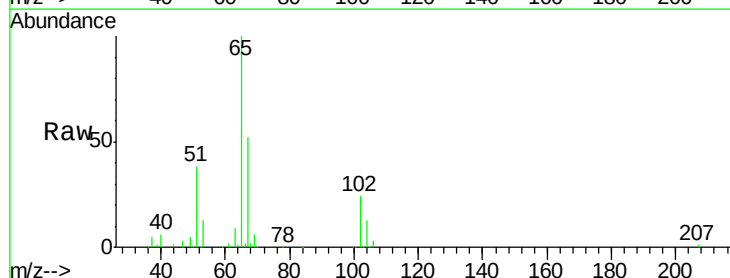
Acq: 29 Jan 2020 13:25

Tgt Ion: 65 Resp: 147666

Ion Ratio Lower Upper

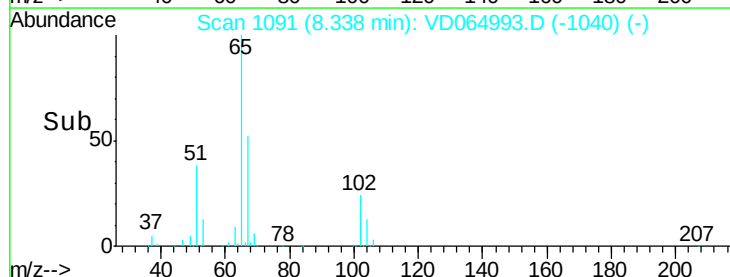
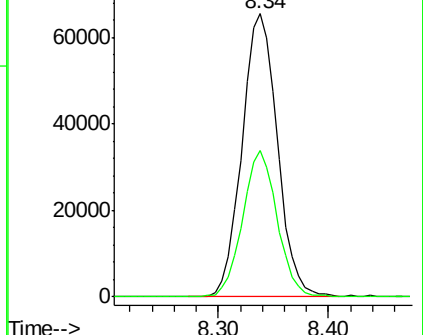
65 100

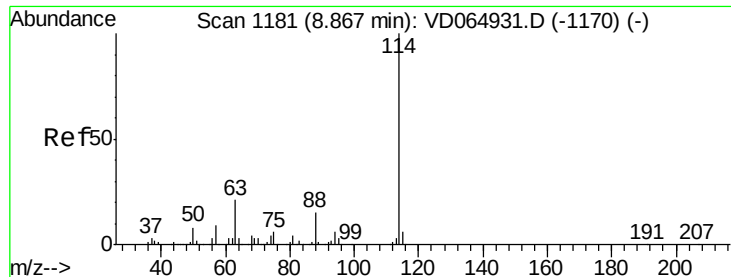
67 50.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

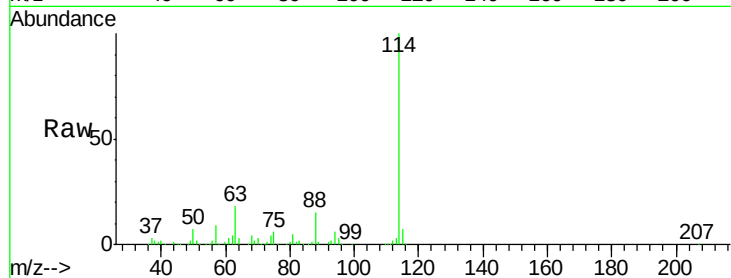




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD064993.D
 Acq: 29 Jan 2020 13:25

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-32-33RE

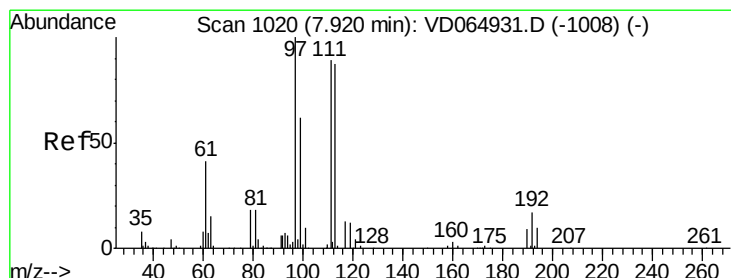
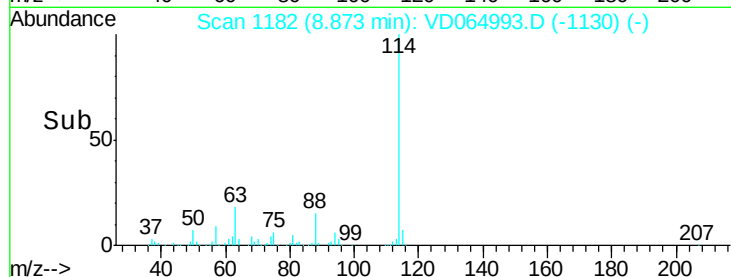
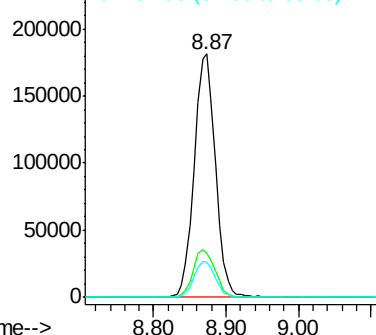
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	42.0
88	14.5	0.0	29.4



Abundance Ion 113.90 (113.60 to 114.60): V

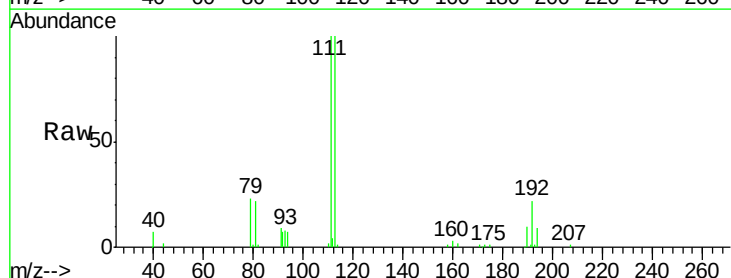
Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 56.240 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064993.D
 Acq: 29 Jan 2020 13:25

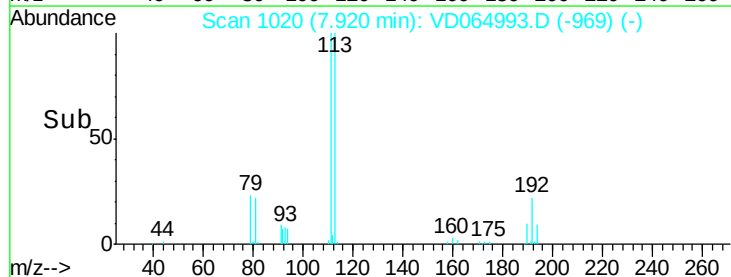
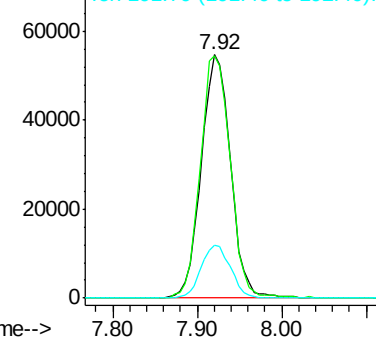
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	21.8	16.9	25.3

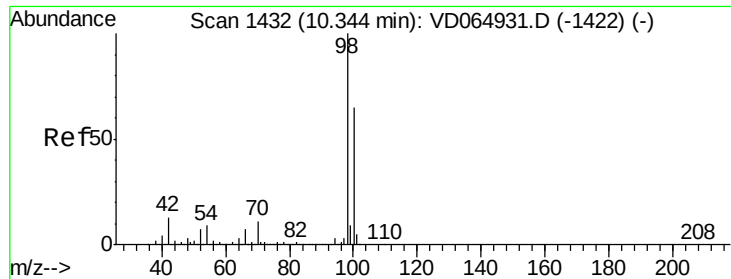


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

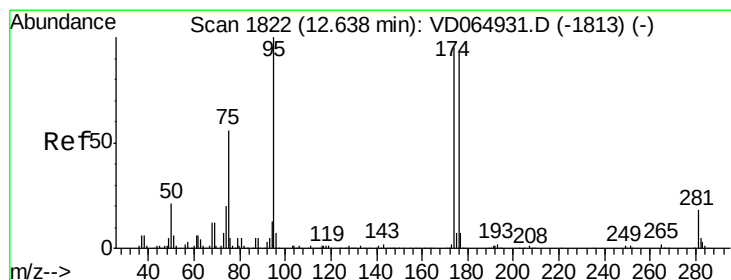
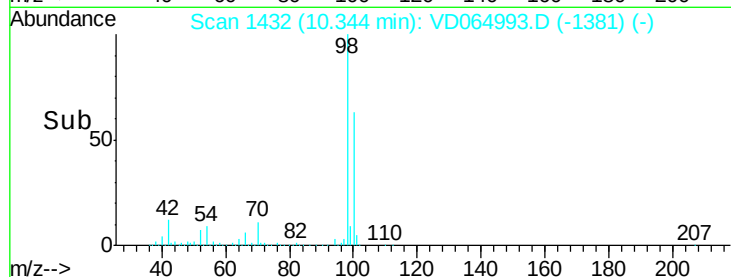
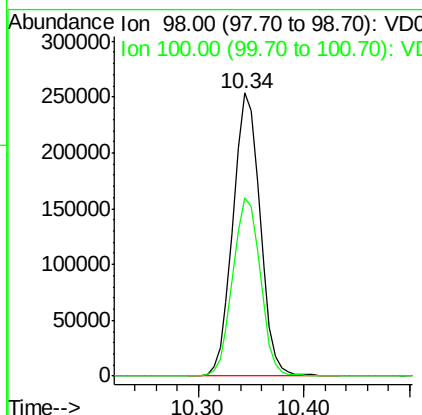
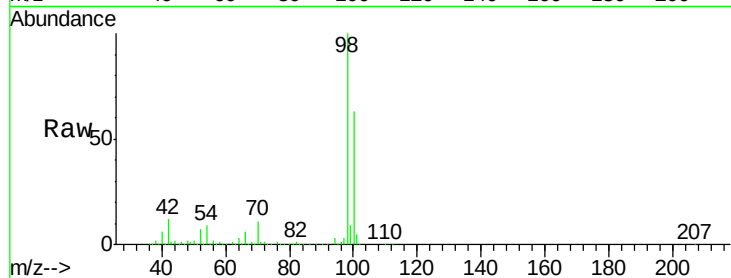




#50
Toluene-d8
Concen: 50.455 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064993.D
Acq: 29 Jan 2020 13:25

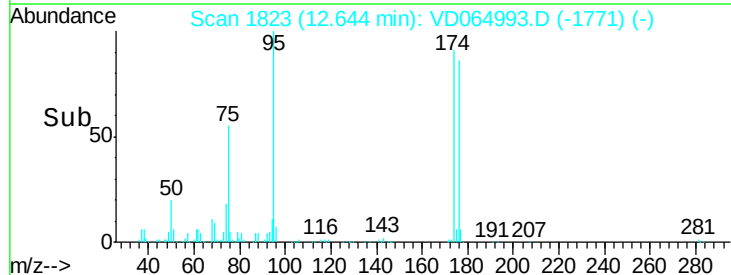
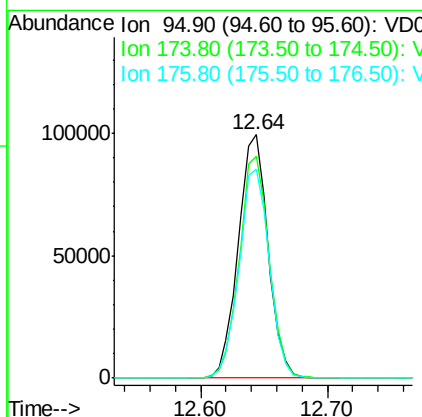
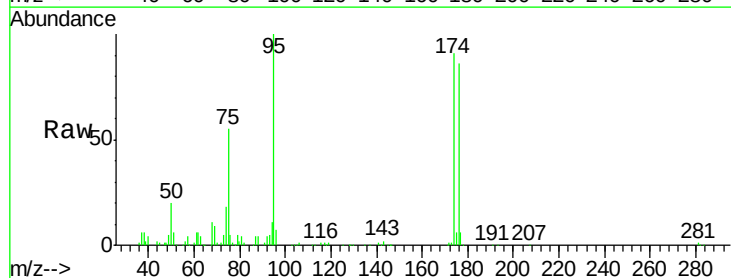
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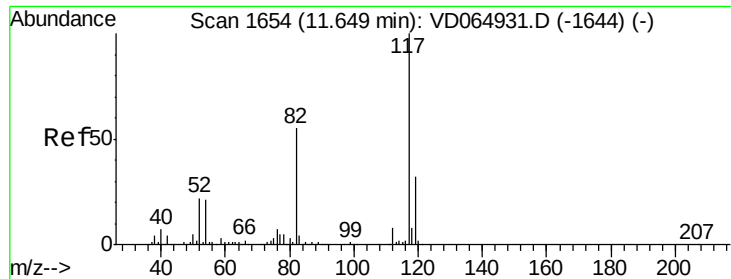
Tot Ion: 98 Resp: 451508
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 59.079 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD064993.D
Acq: 29 Jan 2020 13:25

Tgt Ion: 95 Resp: 161790
Ion Ratio Lower Upper
95 100
174 91.9 0.0 186.8
176 87.2 0.0 183.4

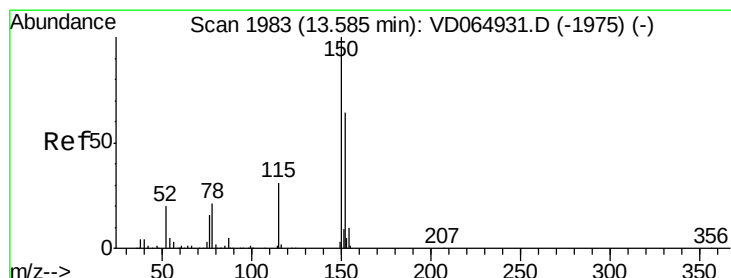
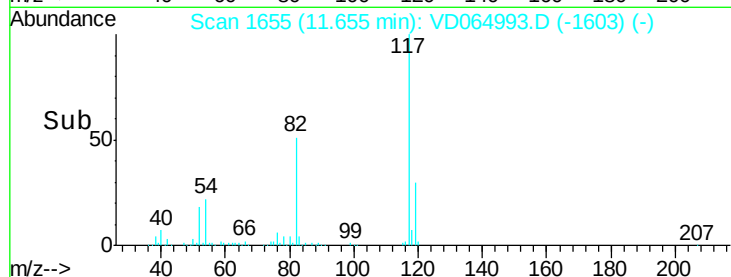
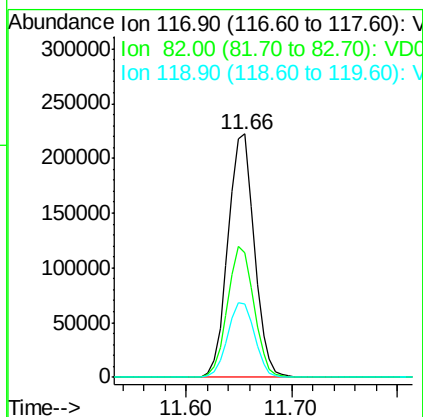
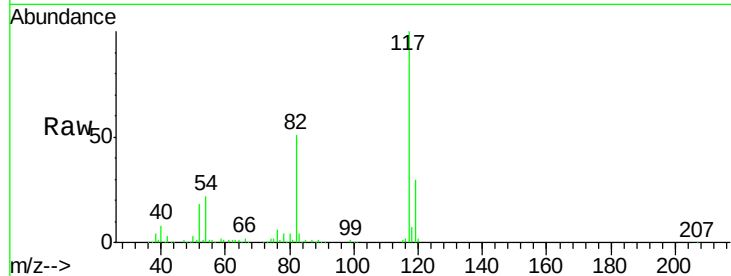




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.66 min Scan# 1655
Delta R.T. 0.01 min
Lab File: VD064993.D
Acq: 29 Jan 2020 13:25

Instrument :
MSVOA_D
ClientSampleId :
TP-32-33RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	43.6	65.4
119	30.2	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064993.D
Acq: 29 Jan 2020 13:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.1	84.4
150	161.1	0.0	350.4

