

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074875.D
 Acq On : 10 Nov 2022 18:38
 Operator : VA/SY
 Sample : N5518-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAT-02-110822

Quant Time: Nov 11 07:19:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	41003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	81354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	37236	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	31225	96.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	192.300%#
35) Dibromofluoromethane	7.804	113	29802	61.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.860%
50) Toluene-d8	10.269	98	72005	41.018	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.040%
62) 4-Bromofluorobenzene	12.575	95	26570	52.422	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.840%

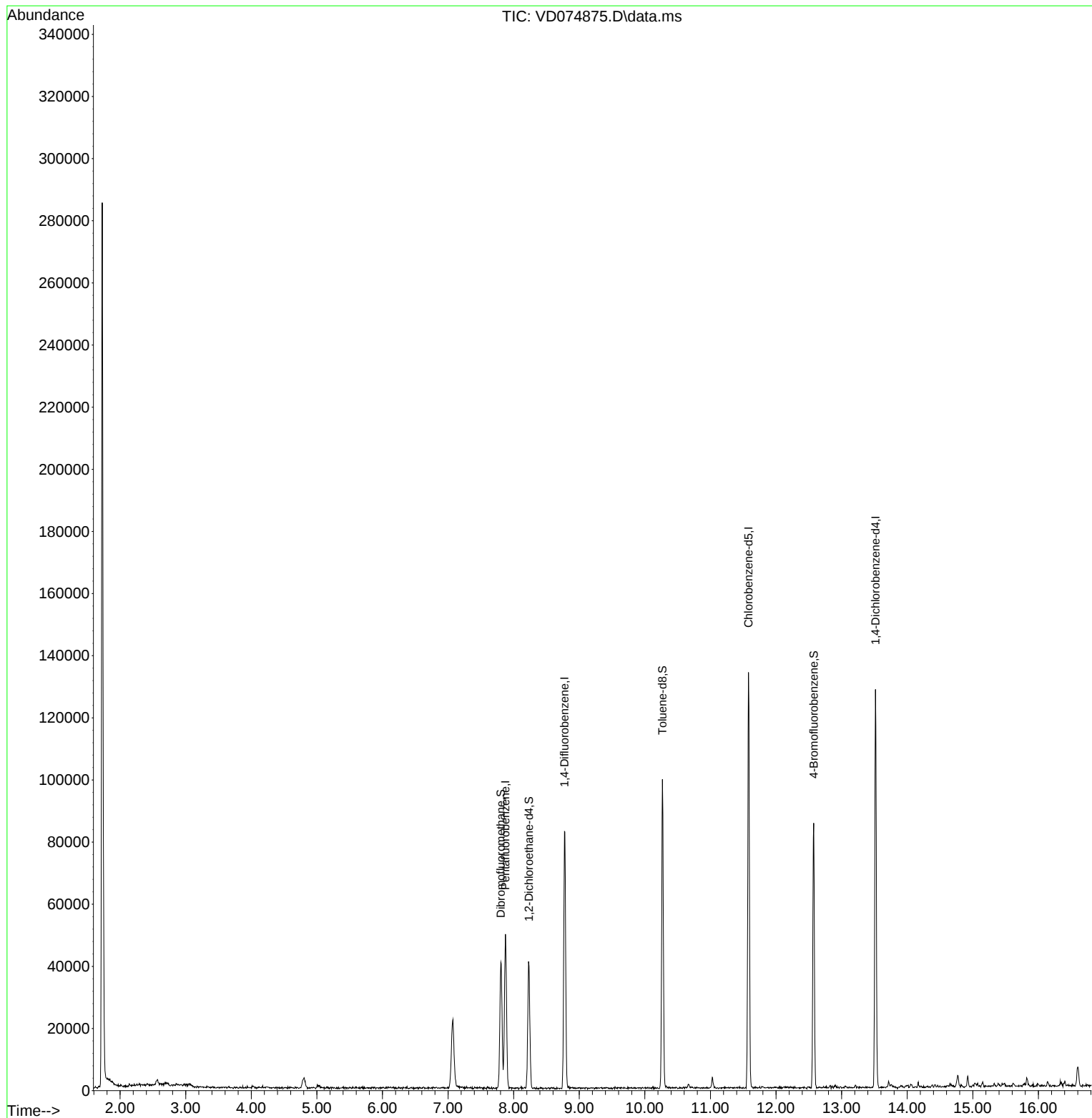
Target Compounds	Qvalue

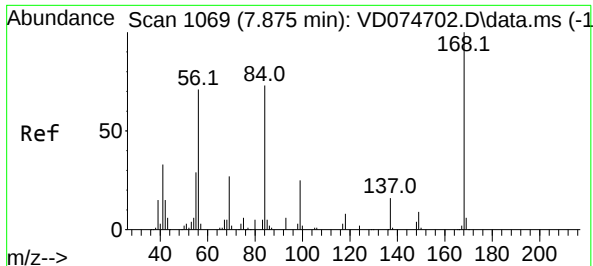
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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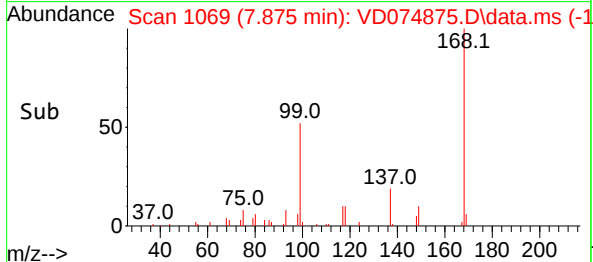
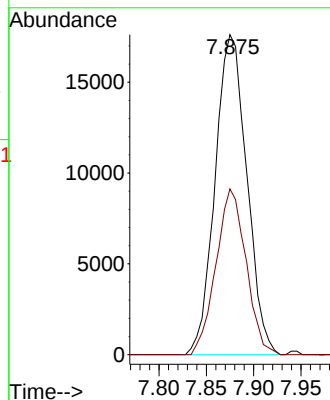
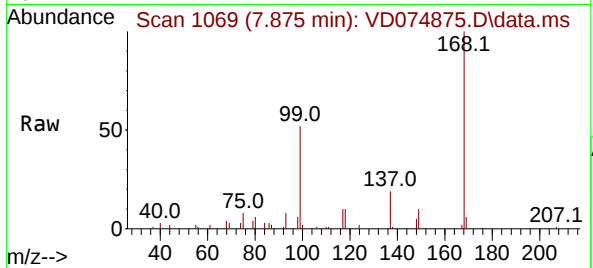




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

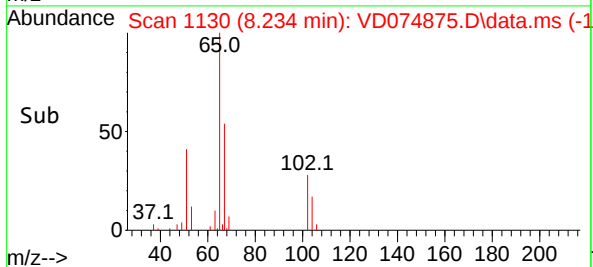
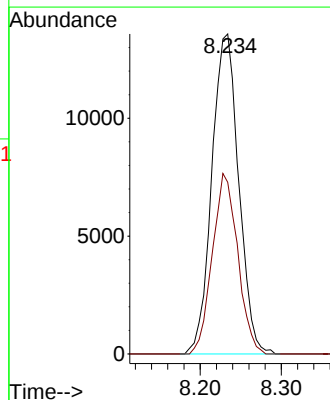
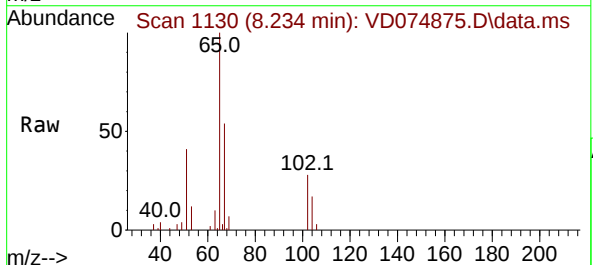
Instrument :
MSVOA_D
ClientSampleId :
PAT-02-110822

Tgt Ion:168 Resp: 41003
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 96.150 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

Tgt Ion: 65 Resp: 31225
Ion Ratio Lower Upper
65 100
67 53.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074875.D

Acq: 10 Nov 2022 18:38

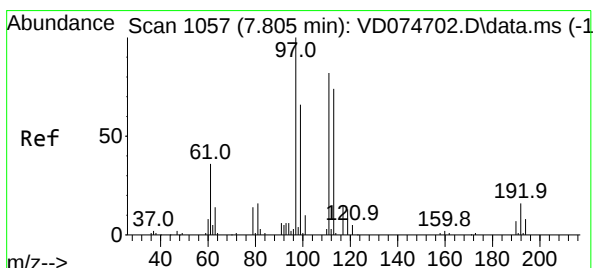
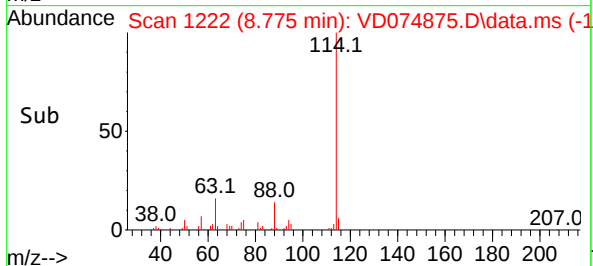
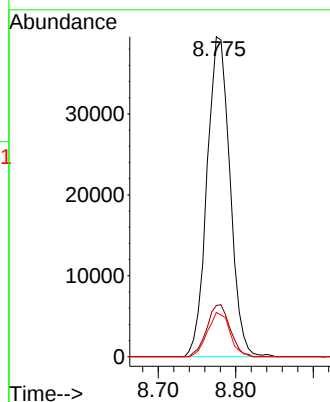
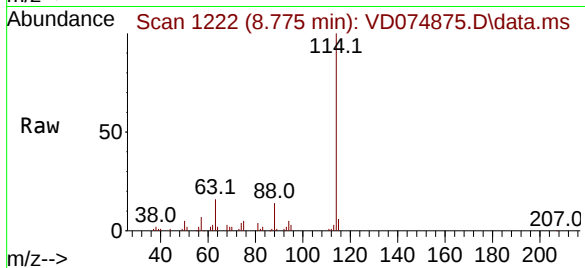
Instrument :

MSVOA_D

ClientSampleId :

PAT-02-110822

Tgt Ion:114	Resp:	81354
Ion	Ratio	Lower Upper
114	100	
63	16.0	0.0 33.2
88	13.9	0.0 28.2



#35

Dibromofluoromethane

Concen: 61.927 ug/l

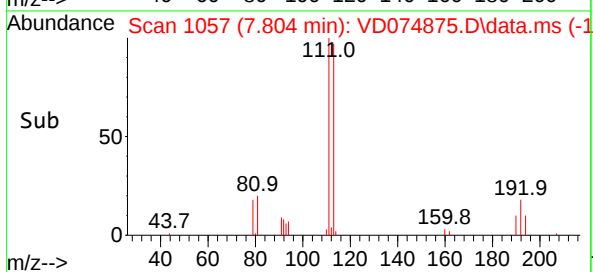
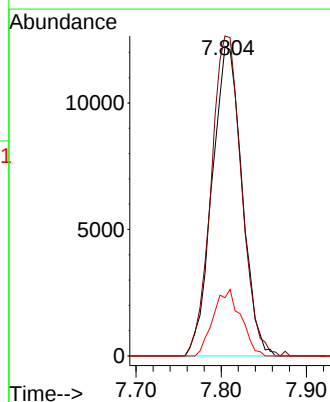
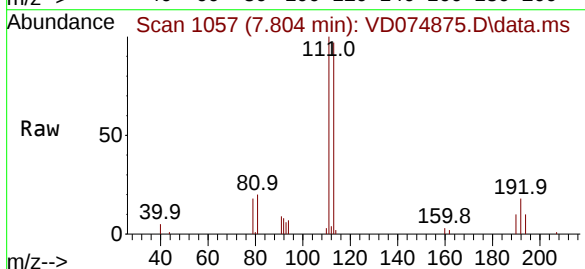
RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074875.D

Acq: 10 Nov 2022 18:38

Tgt Ion:113	Resp:	29802
Ion	Ratio	Lower Upper
113	100	
111	104.6	82.3 123.5
192	19.9	16.4 24.6

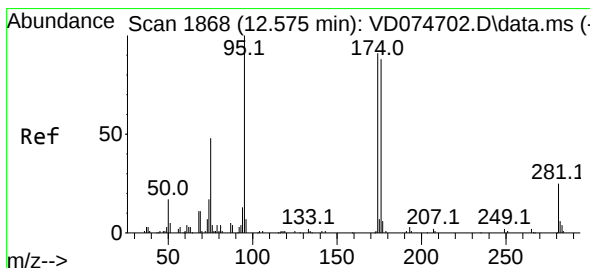
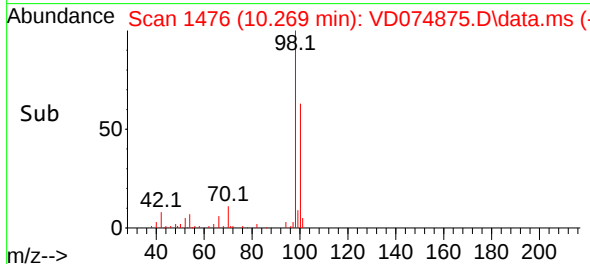
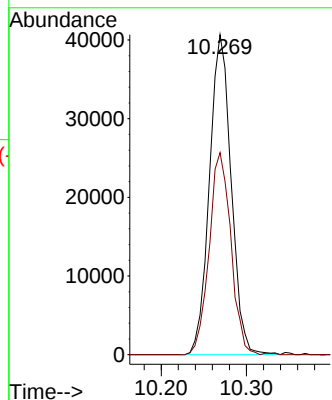
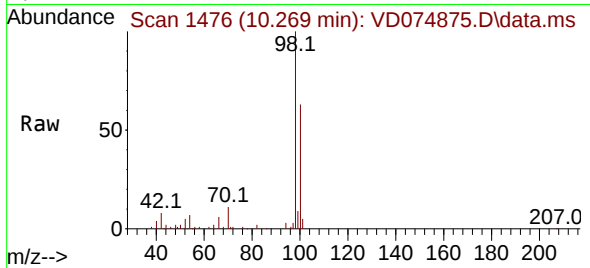




#50
Toluene-d8
Concen: 41.018 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

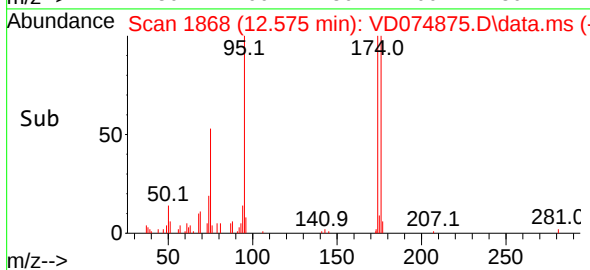
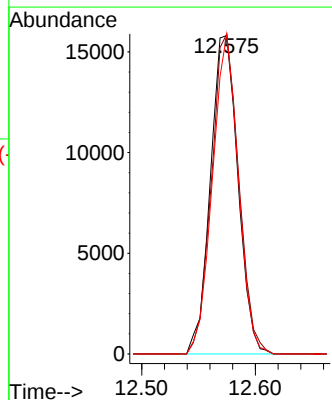
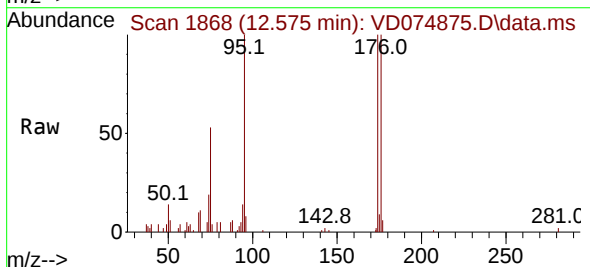
Instrument :
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ClientSampleId :
PAT-02-110822

Tgt Ion: 98 Resp: 72005
Ion Ratio Lower Upper
98 100
100 63.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 52.422 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

Tgt Ion: 95 Resp: 26570
Ion Ratio Lower Upper
95 100
174 99.6 0.0 197.0
176 94.5 0.0 182.6

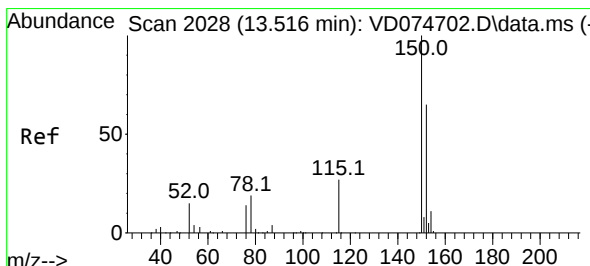
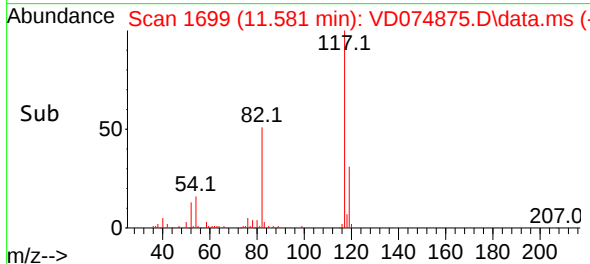
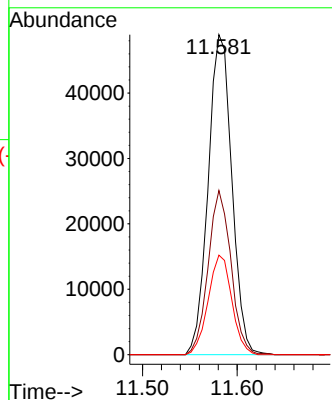
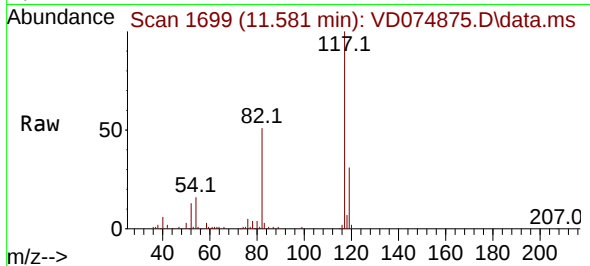




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

Instrument :
MSVOA_D
ClientSampleId :
PAT-02-110822

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	41.6	62.4
119	31.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074875.D
Acq: 10 Nov 2022 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	26.8	80.4
150	158.6	0.0	348.2

