

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014275.D
 Acq On : 20 Jun 2023 12:01
 Operator : KP/MD
 Sample : VY0620SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL01

Quant Time: Jun 21 02:06:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	126063	48.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.716	113	97446	46.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.179	98	355610	45.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.483	95	111942	40.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.020%

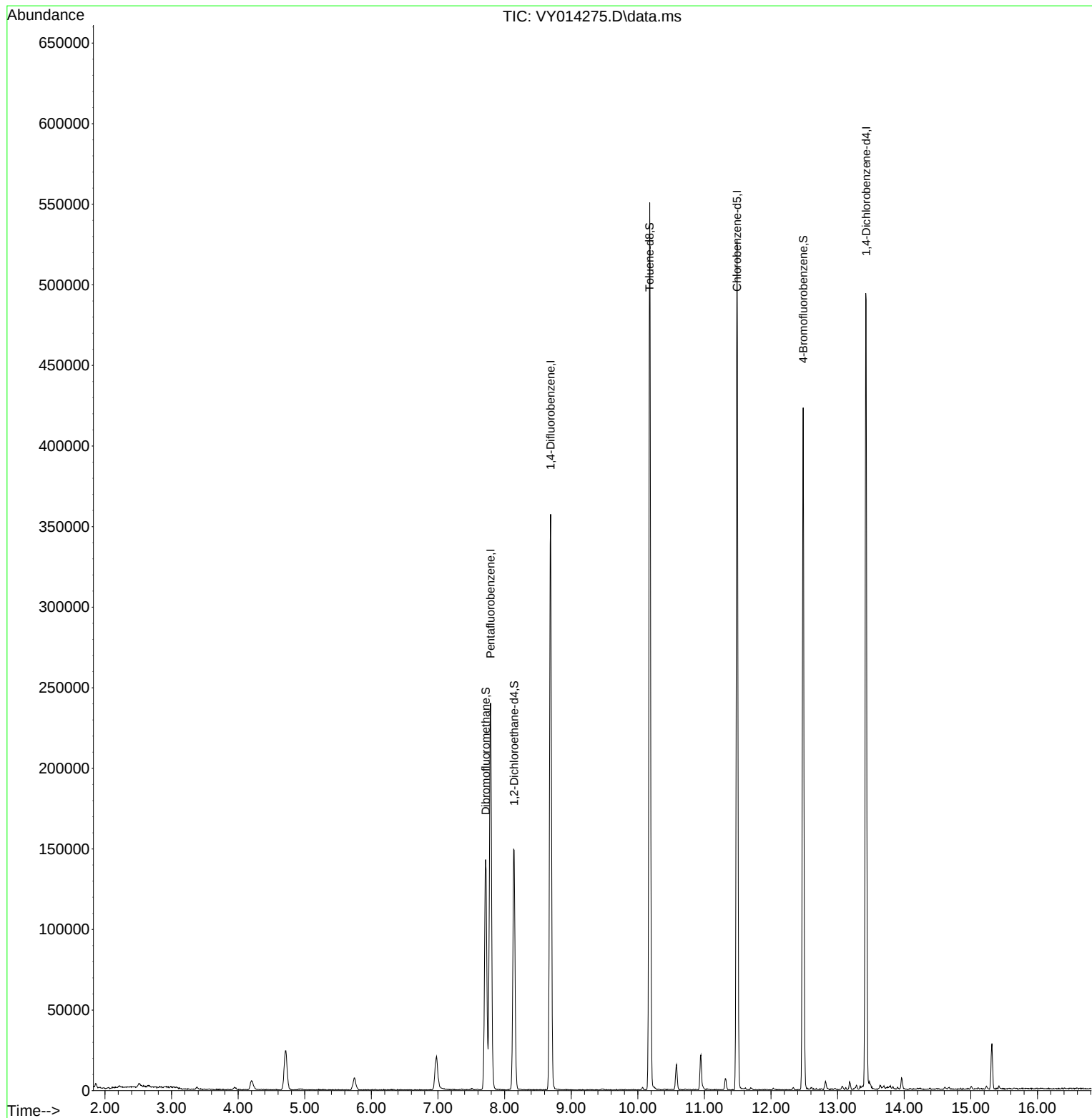
Target Compounds	Qvalue

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

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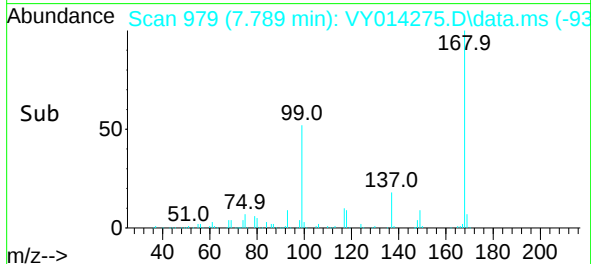
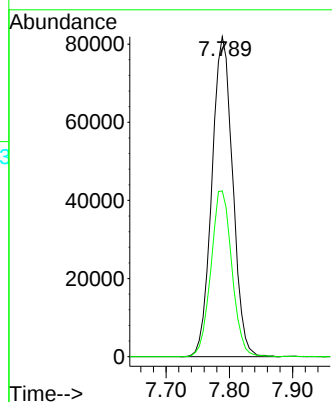
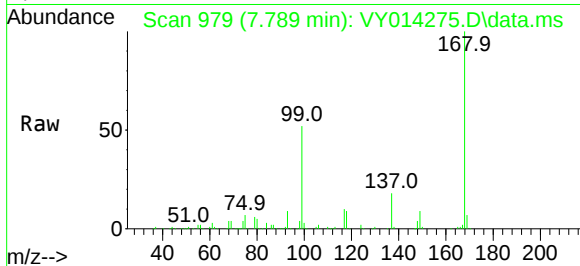




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

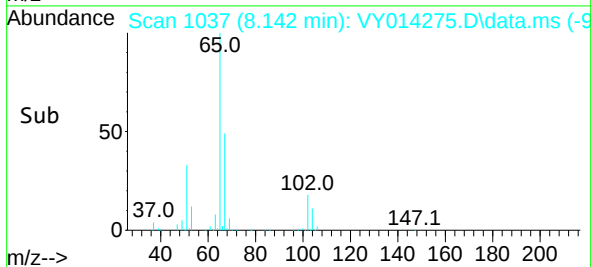
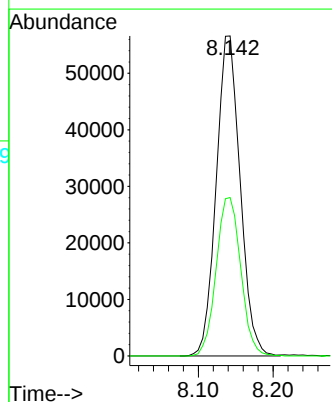
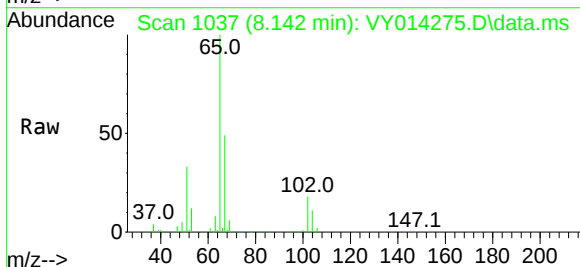
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

Tgt Ion:168 Resp: 187103
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.385 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 65 Resp: 126063
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

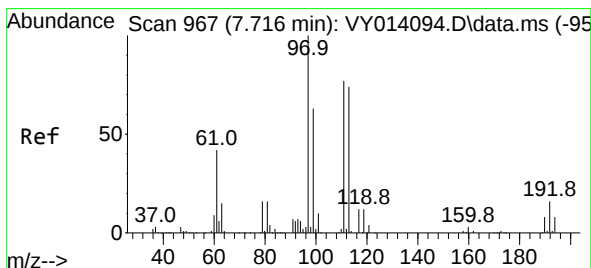
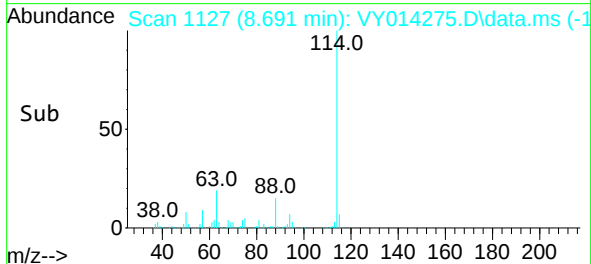
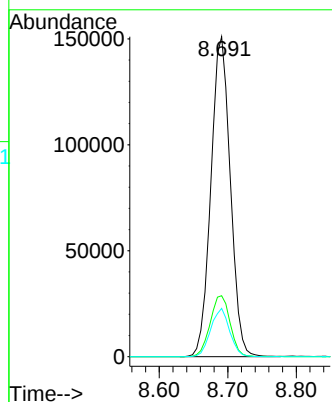
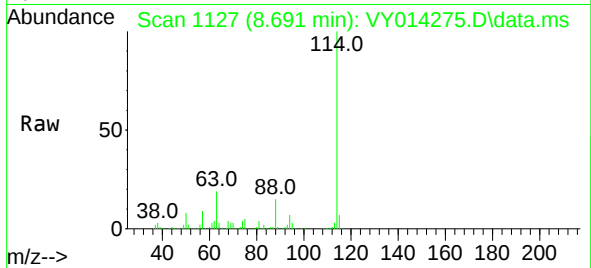




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

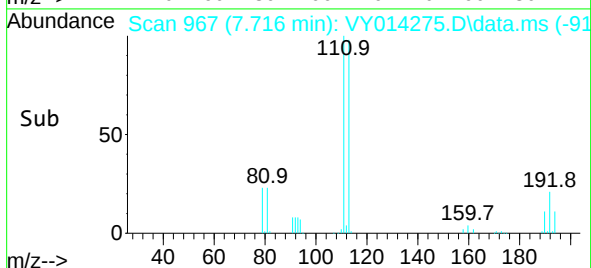
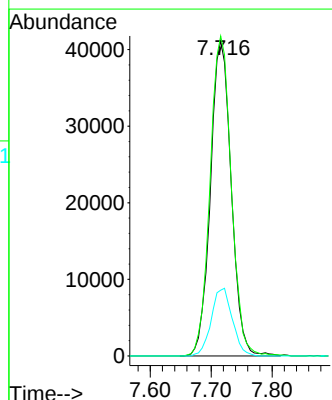
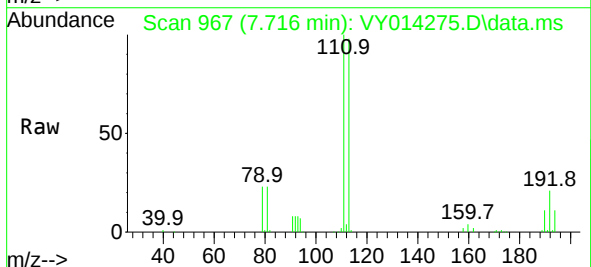
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

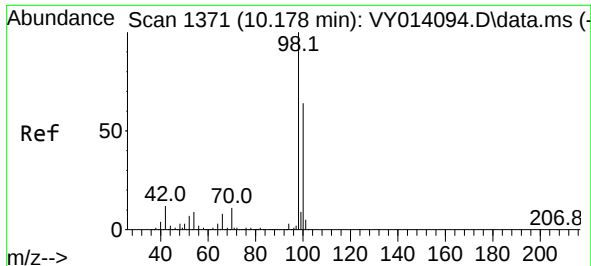
Tgt Ion:114 Resp: 297055
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.256 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion:113 Resp: 97446
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.8 16.9 25.3

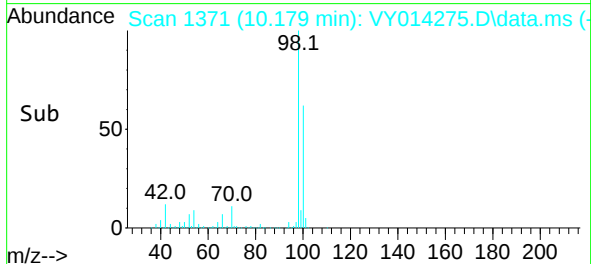
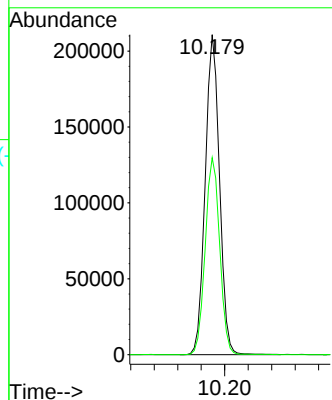
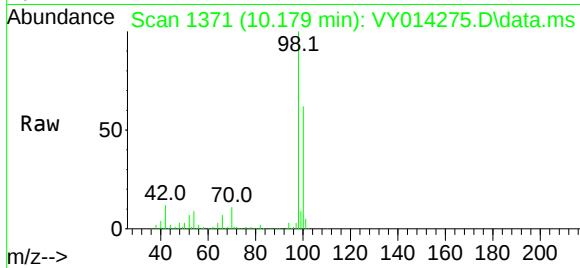




#50
Toluene-d8
Concen: 45.152 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

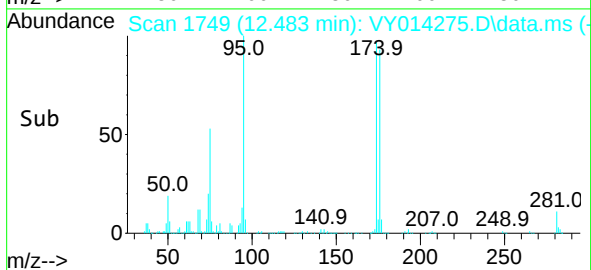
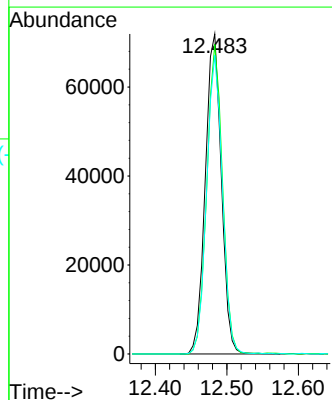
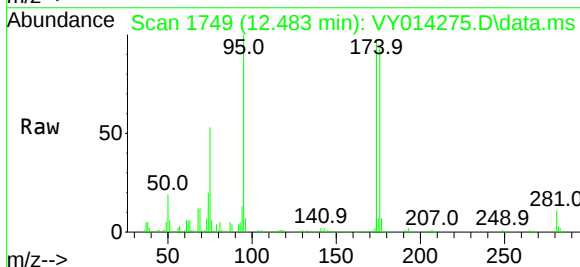
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

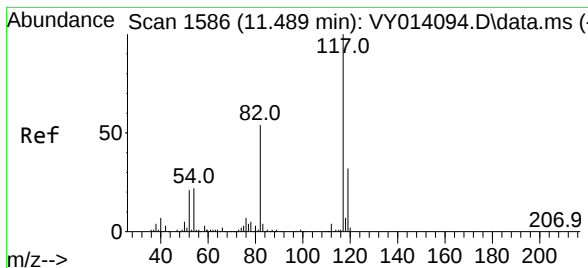
Tgt Ion: 98 Resp: 355610
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion: 95 Resp: 111942
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 92.2 0.0 173.8

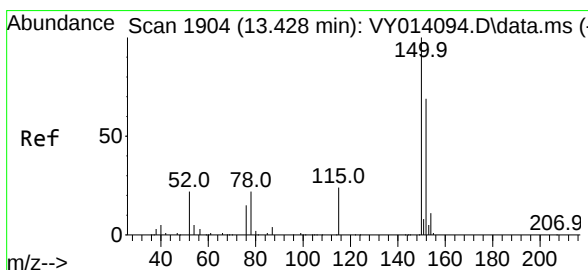
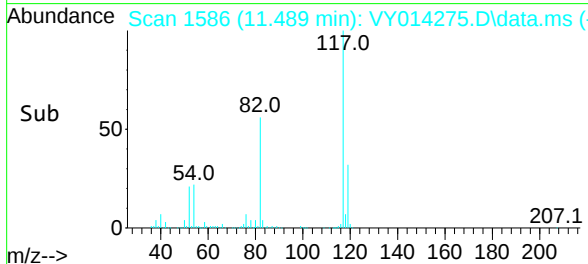
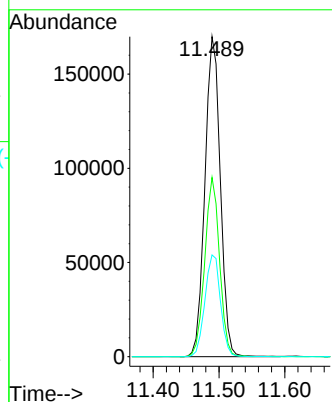
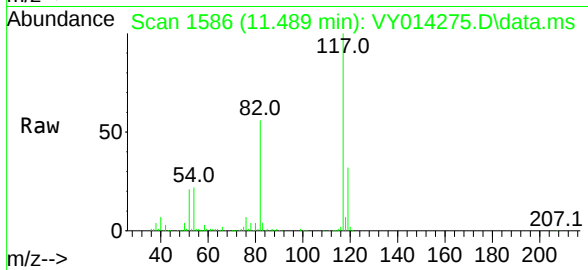




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

Tgt Ion:117 Resp: 276820
Ion Ratio Lower Upper
117 100
82 56.0 43.4 65.0
119 31.8 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014275.D
Acq: 20 Jun 2023 12:01

Tgt Ion:152 Resp: 130985
Ion Ratio Lower Upper
152 100
115 56.8 28.8 86.5
150 155.1 0.0 348.8

