

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013669.D
 Acq On : 09 May 2023 15:35
 Operator : KP/MD
 Sample : 02624-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WZ-2B

Quant Time: May 10 05:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	4735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	7340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2056	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	3728	71.822	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.640%
35) Dibromofluoromethane	7.722	113	2926	63.381	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.760%
50) Toluene-d8	10.179	98	9429	57.414	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.820%
62) 4-Bromofluorobenzene	12.483	95	2604	47.033	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

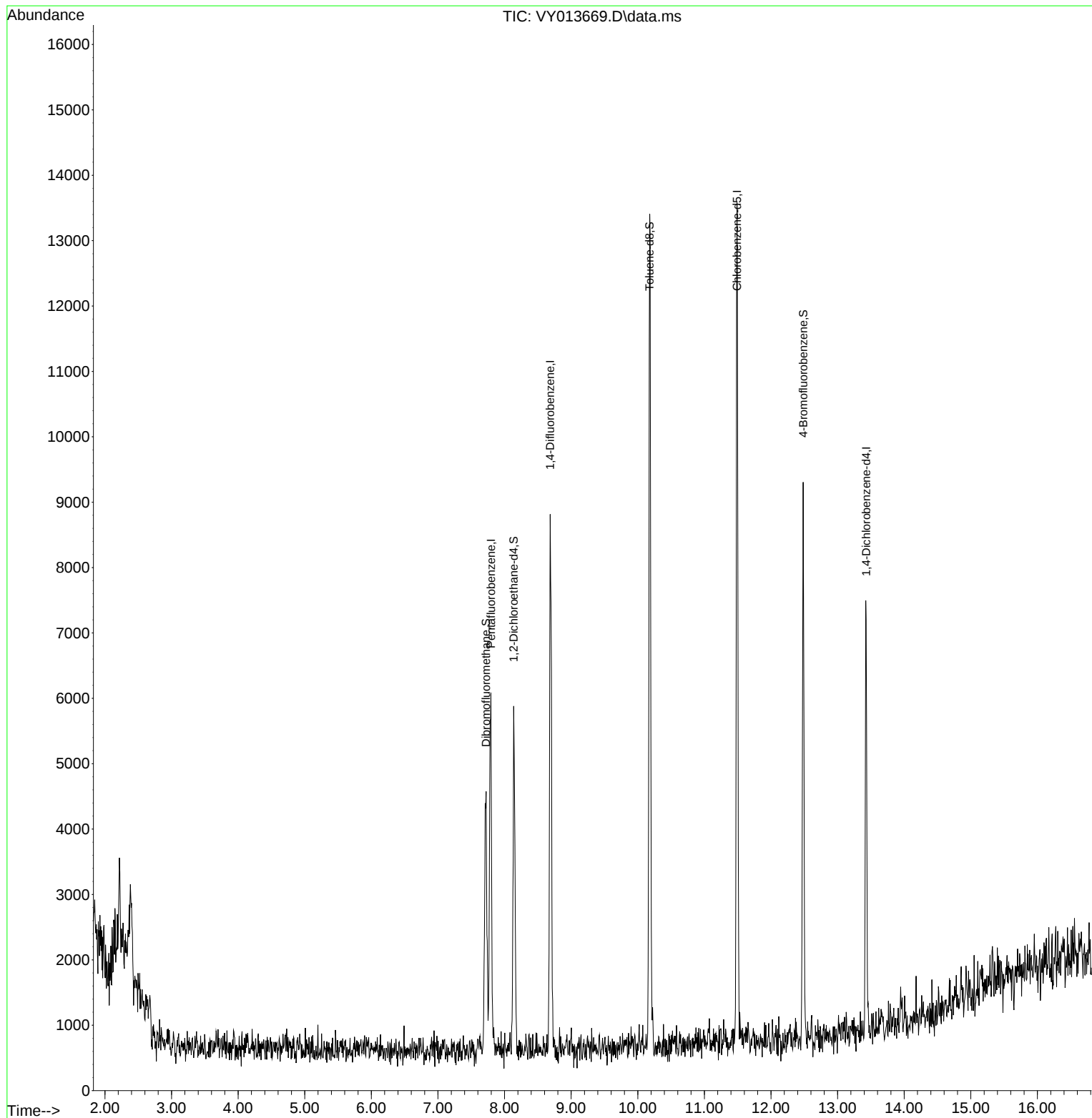
Target Compounds	Qvalue

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

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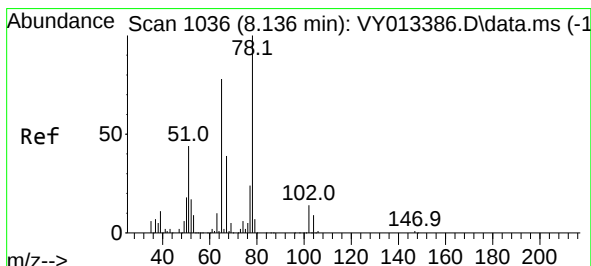
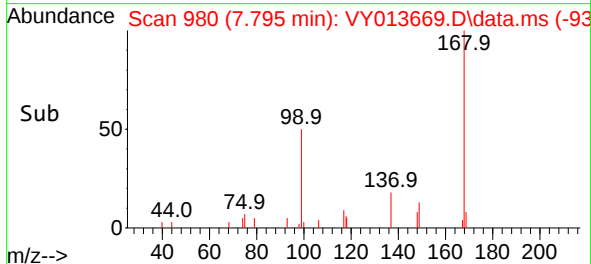
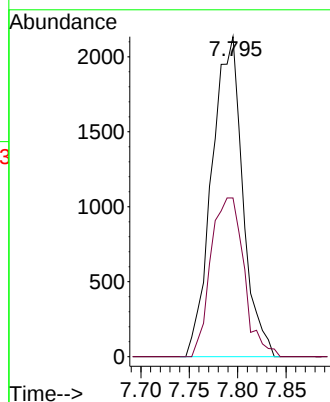
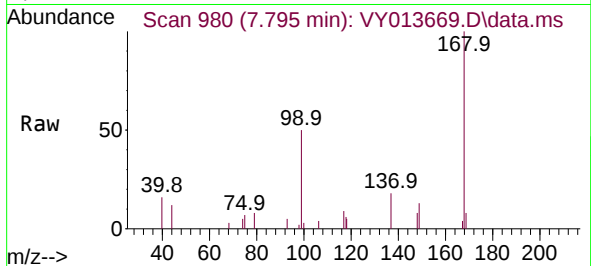




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

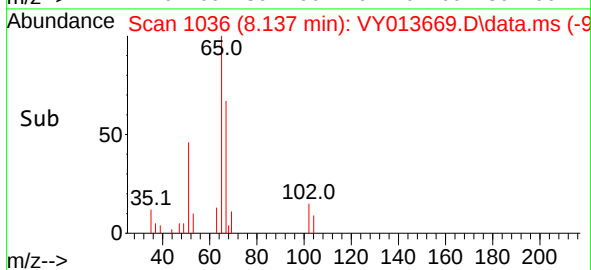
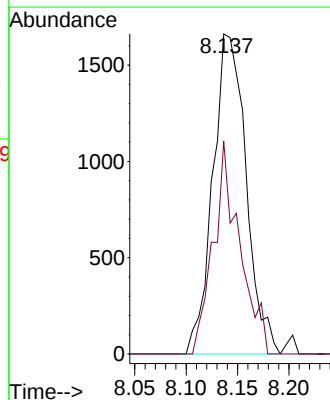
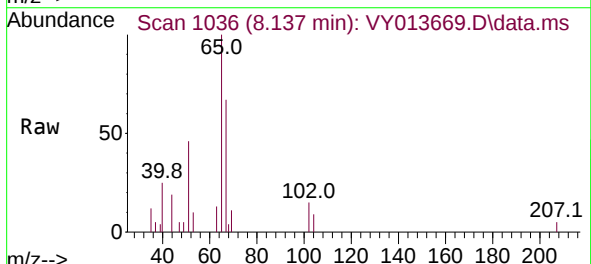
Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

Tgt Ion:168 Resp: 4735
Ion Ratio Lower Upper
168 100
99 49.6 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 71.822 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

Tgt Ion: 65 Resp: 3728
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013669.D

Acq: 09 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

WZ-2B

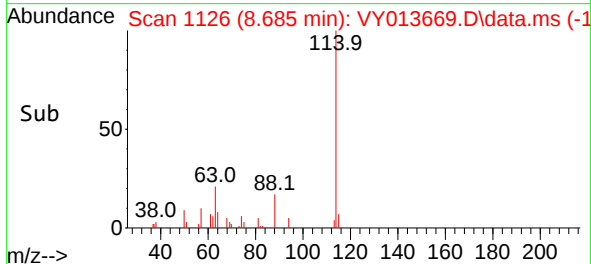
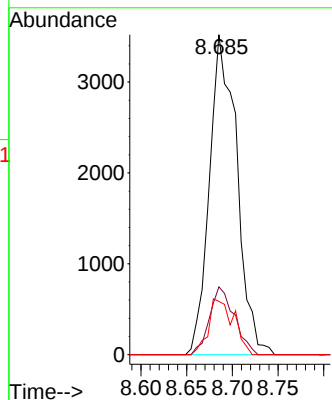
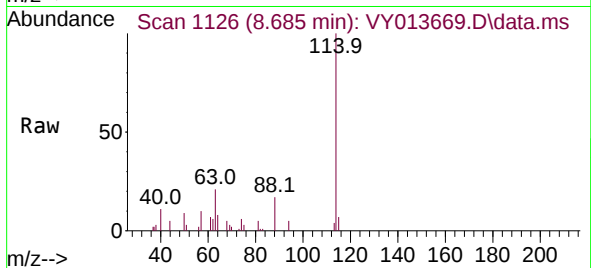
Tgt Ion:114 Resp: 7340

Ion Ratio Lower Upper

114 100

63 21.2 0.0 36.6

88 16.6 0.0 28.8



#35

Dibromofluoromethane

Concen: 63.381 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013669.D

Acq: 09 May 2023 15:35

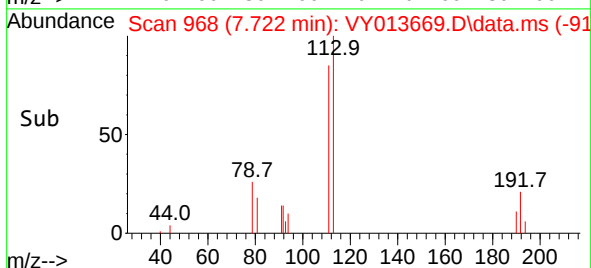
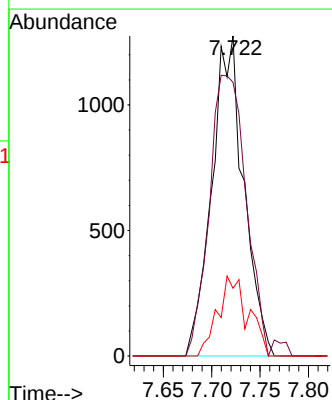
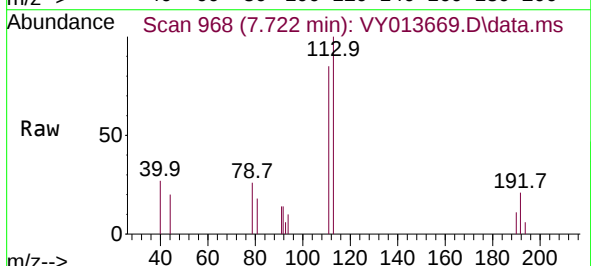
Tgt Ion:113 Resp: 2926

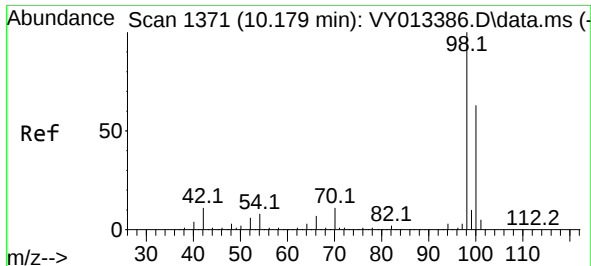
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.2

192 23.5 16.7 25.1

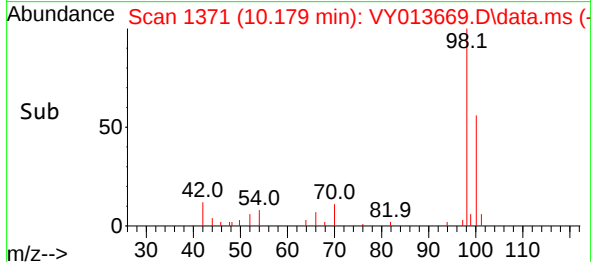
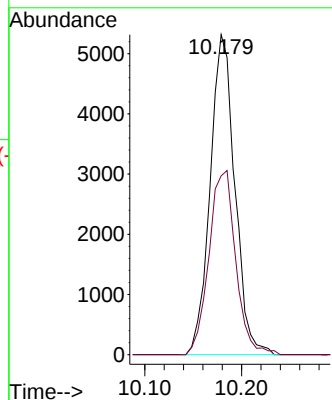
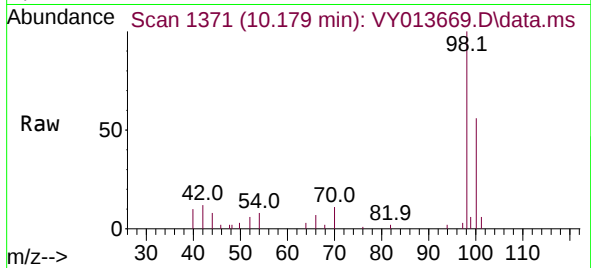




#50
Toluene-d8
Concen: 57.414 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

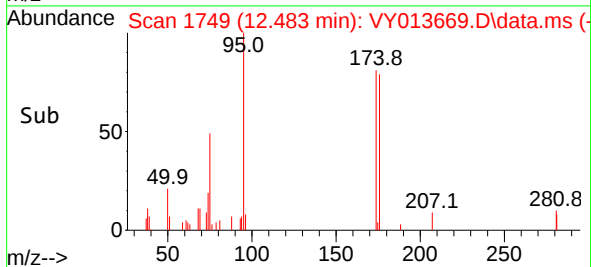
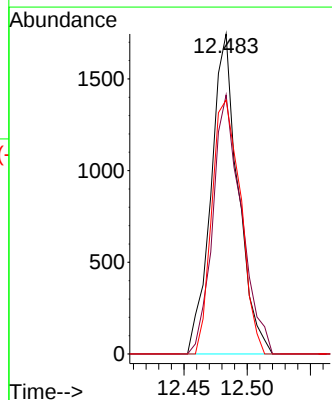
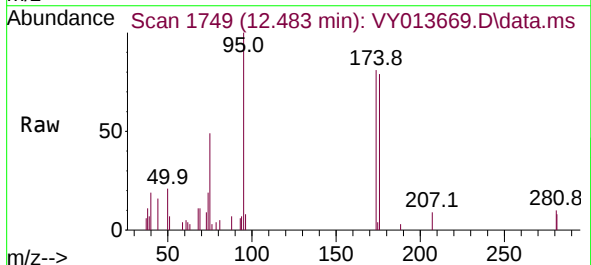
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MSVOA_Y
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WZ-2B

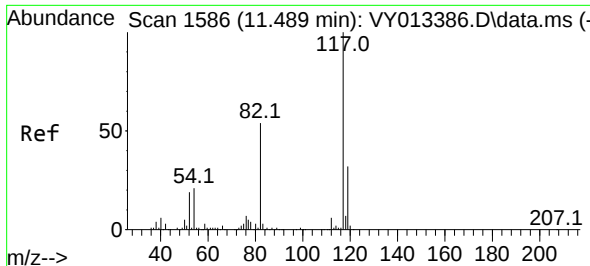
Tgt Ion: 98 Resp: 9429
Ion Ratio Lower Upper
98 100
100 62.4 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 47.033 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

Tgt Ion: 95 Resp: 2604
Ion Ratio Lower Upper
95 100
174 85.4 0.0 182.0
176 84.0 0.0 175.4

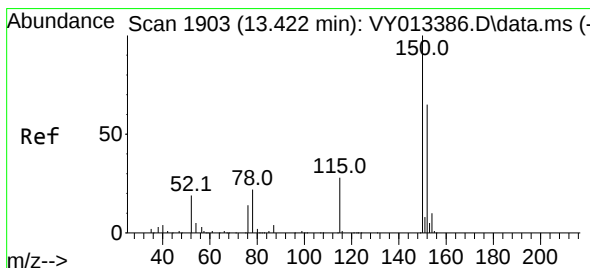
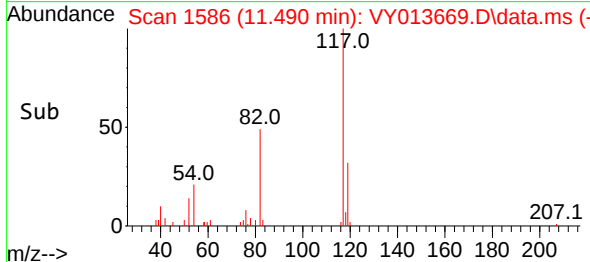
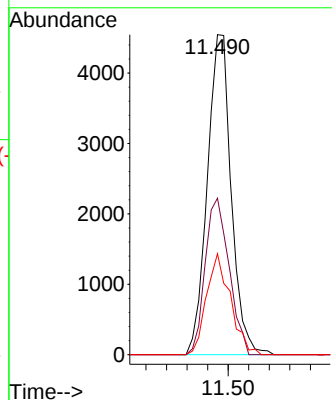
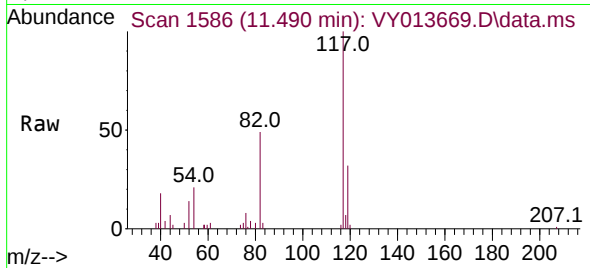




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
WZ-2B

Tgt Ion:117	Resp:	7355
Ion	Ratio	Lower Upper
117	100	
82	48.9	43.0 64.6
119	31.6	25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013669.D
Acq: 09 May 2023 15:35

Tgt Ion:152	Resp:	2056
Ion	Ratio	Lower Upper
152	100	
115	49.8	28.1 84.2
150	151.4	0.0 352.0

