

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013406.D
 Acq On : 24 Apr 2023 17:26
 Operator : KP/MD
 Sample : 02371-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-9.0-9.5

Quant Time: Apr 25 03:15:18 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	7.789	168	2301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	4578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5084	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1451	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3159	125.238	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	250.480%#
35) Dibromofluoromethane	7.715	113	2053	71.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.600%
50) Toluene-d8	10.178	98	5592	54.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.180%
62) 4-Bromofluorobenzene	12.489	95	1867	54.066	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.140%

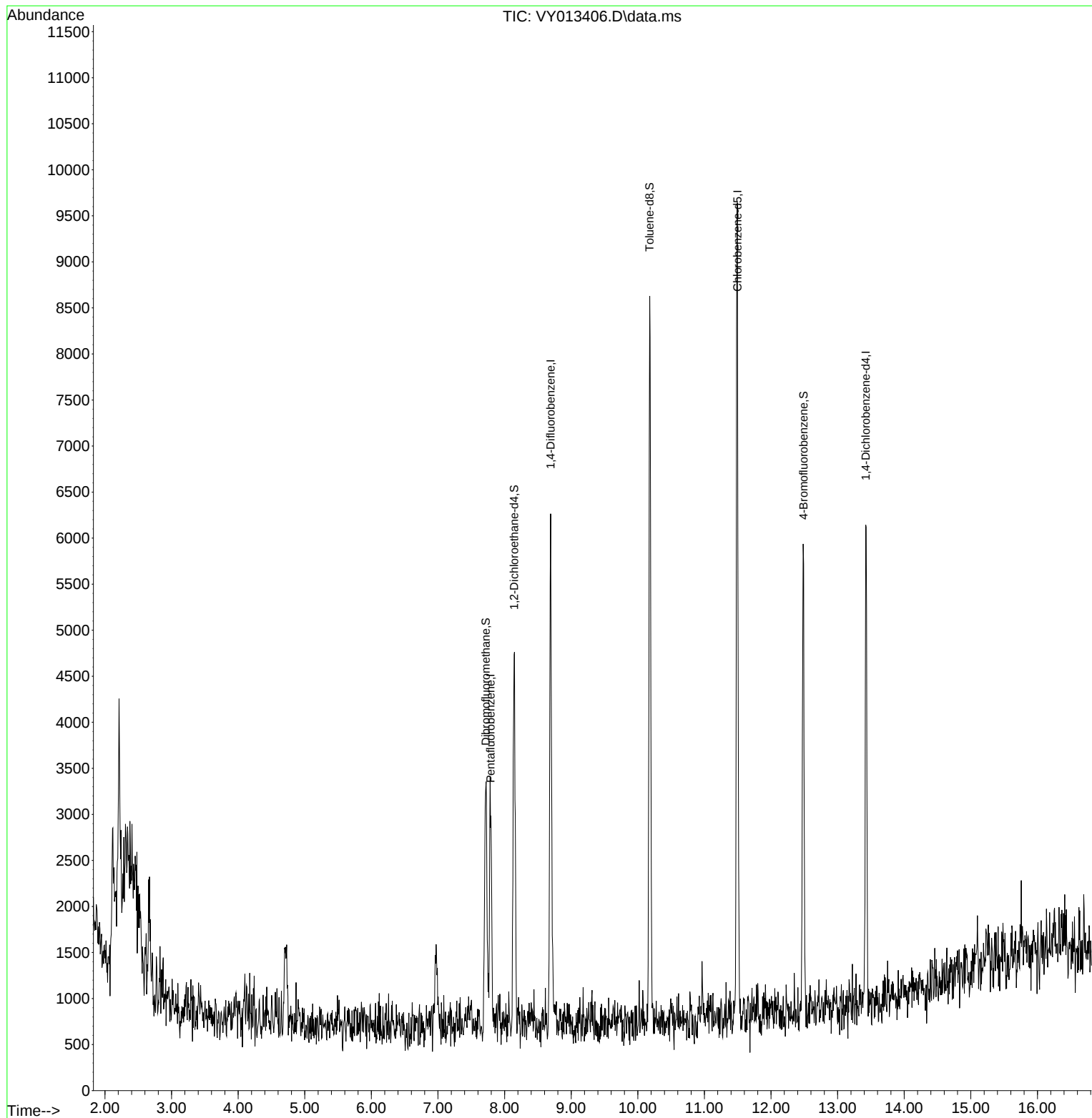
Target Compounds	Qvalue

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

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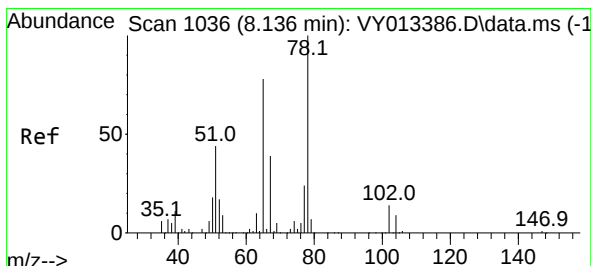
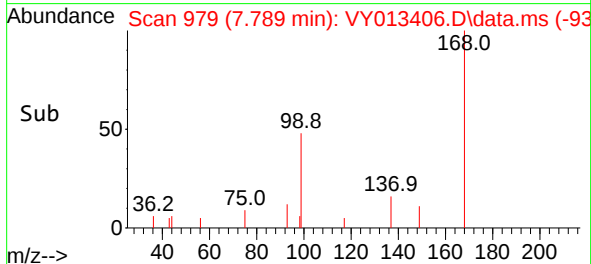
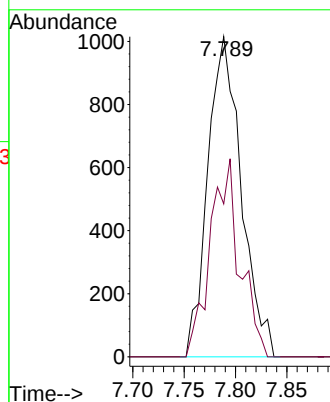
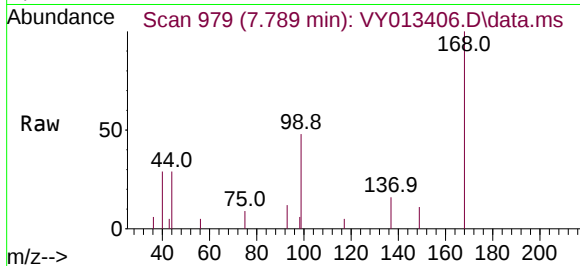




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

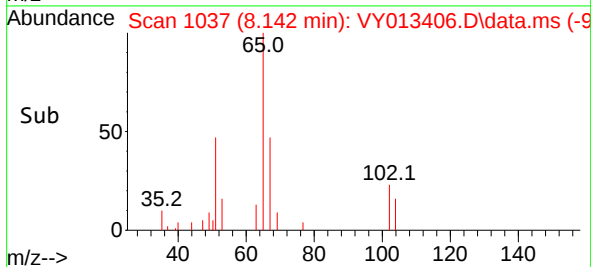
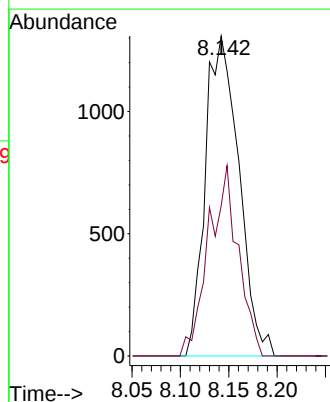
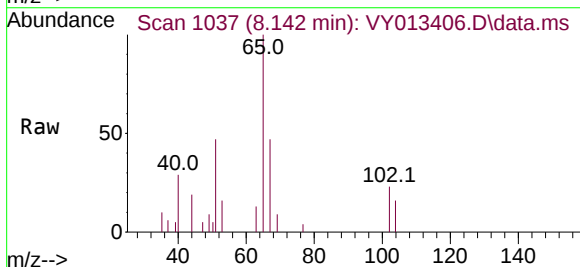
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

Tgt Ion:168 Resp: 2301
Ion Ratio Lower Upper
168 100
99 47.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 125.238 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

Tgt Ion: 65 Resp: 3159
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4

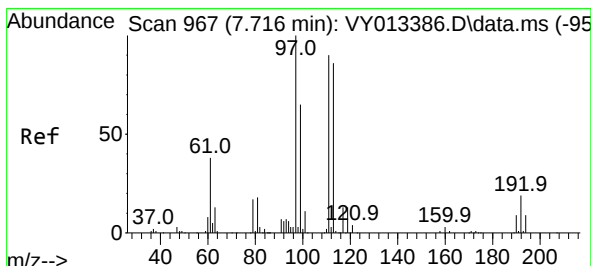
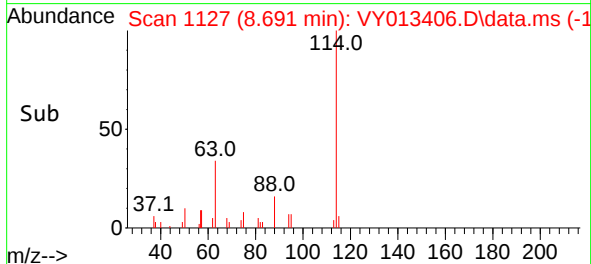
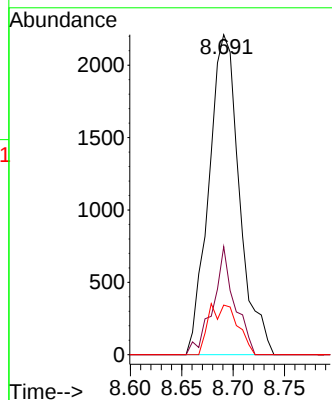
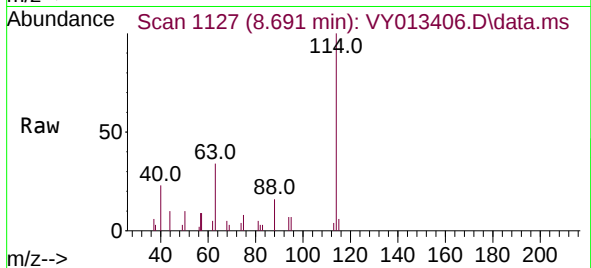




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

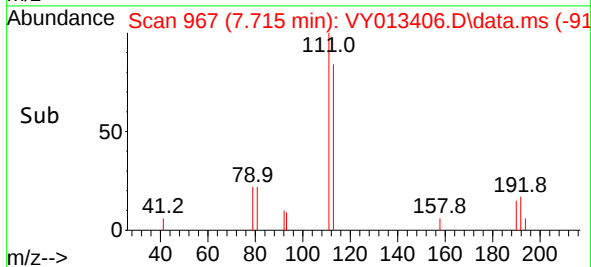
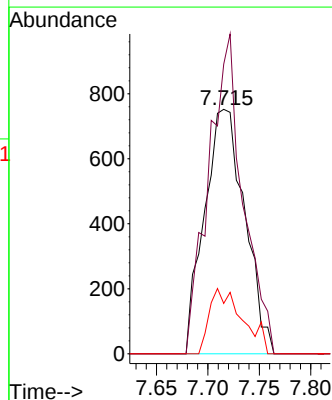
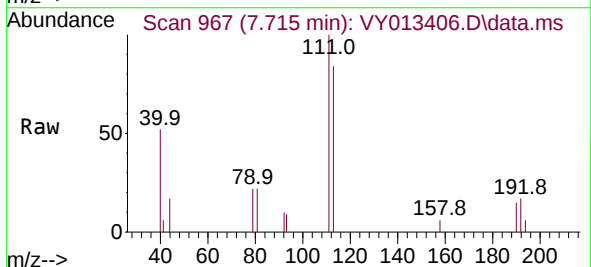
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

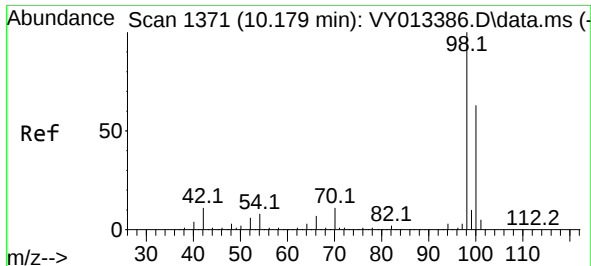
Tgt Ion:114	Resp:	4578
Ion	Ratio	Lower Upper
114	100	
63	33.7	0.0 36.6
88	15.5	0.0 28.8



#35
Dibromofluoromethane
Concen: 71.301 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.001 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

Tgt Ion:113	Resp:	2053
Ion	Ratio	Lower Upper
113	100	
111	111.4	82.2 123.2
192	21.9	16.7 25.1

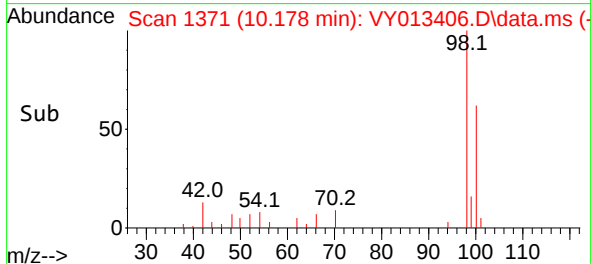
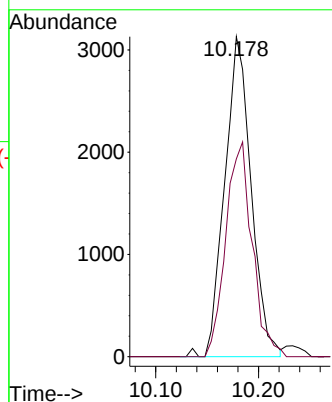
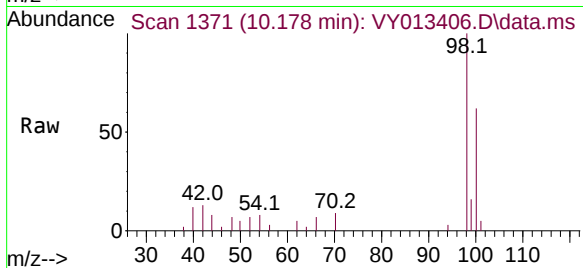




#50
Toluene-d8
Concen: 54.593 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

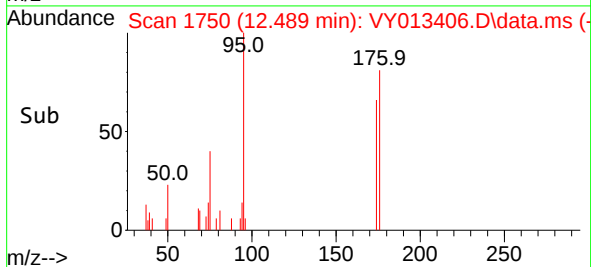
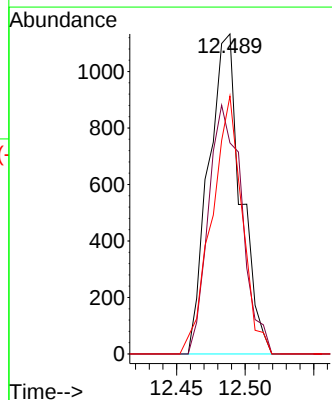
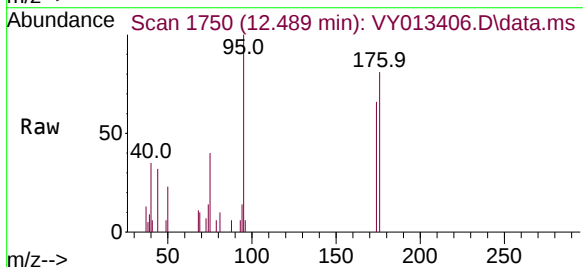
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

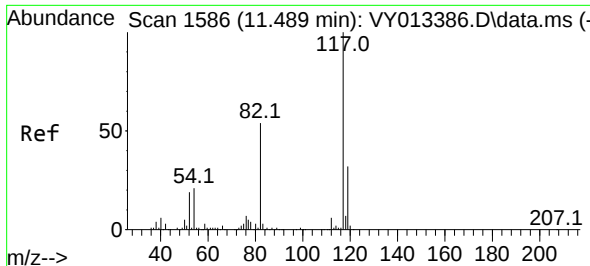
Tgt Ion: 98 Resp: 5592
Ion Ratio Lower Upper
98 100
100 67.0 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.066 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

Tgt Ion: 95 Resp: 1867
Ion Ratio Lower Upper
95 100
174 79.8 0.0 182.0
176 75.7 0.0 175.4

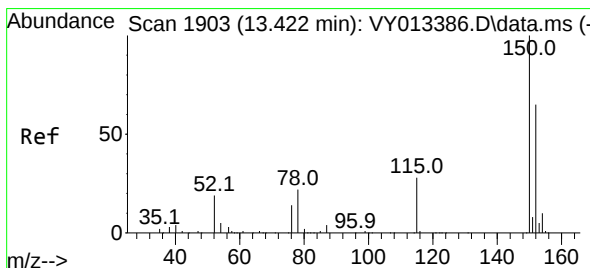
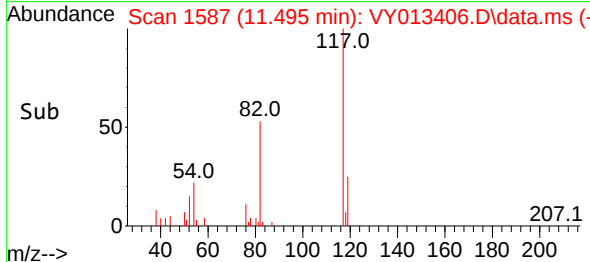
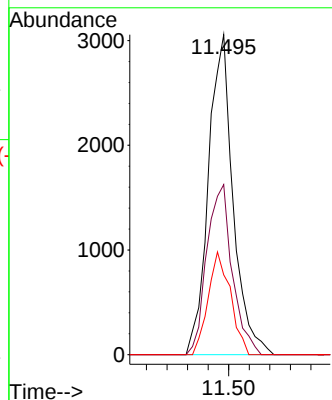
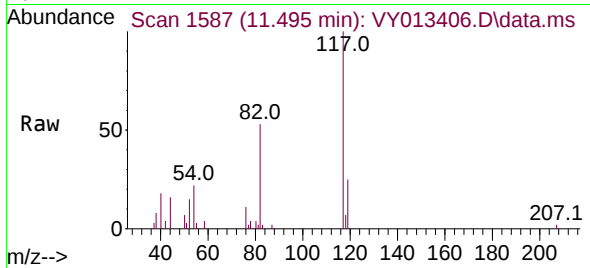




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-9.0-9.5

Tgt Ion:117	Resp:	5084
Ion Ratio	Lower	Upper
117	100	
82	53.2	43.0 64.6
119	24.9	25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY013406.D
Acq: 24 Apr 2023 17:26

Tgt Ion:152	Resp:	1451
Ion Ratio	Lower	Upper
152	100	
115	66.0	28.1 84.2
150	151.8	0.0 352.0

