

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042423\
 Data File : VY013425.D
 Acq On : 25 Apr 2023 03:51
 Operator : KP/MD
 Sample : 02389-18
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SPB-5WC-23-04-17

Quant Time: Apr 25 07:15:29 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	185693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	277677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124601	61.211	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.420%
35) Dibromofluoromethane	7.716	113	109268	55.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.700%
50) Toluene-d8	10.179	98	373129	53.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.483	95	108152	46.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.200%

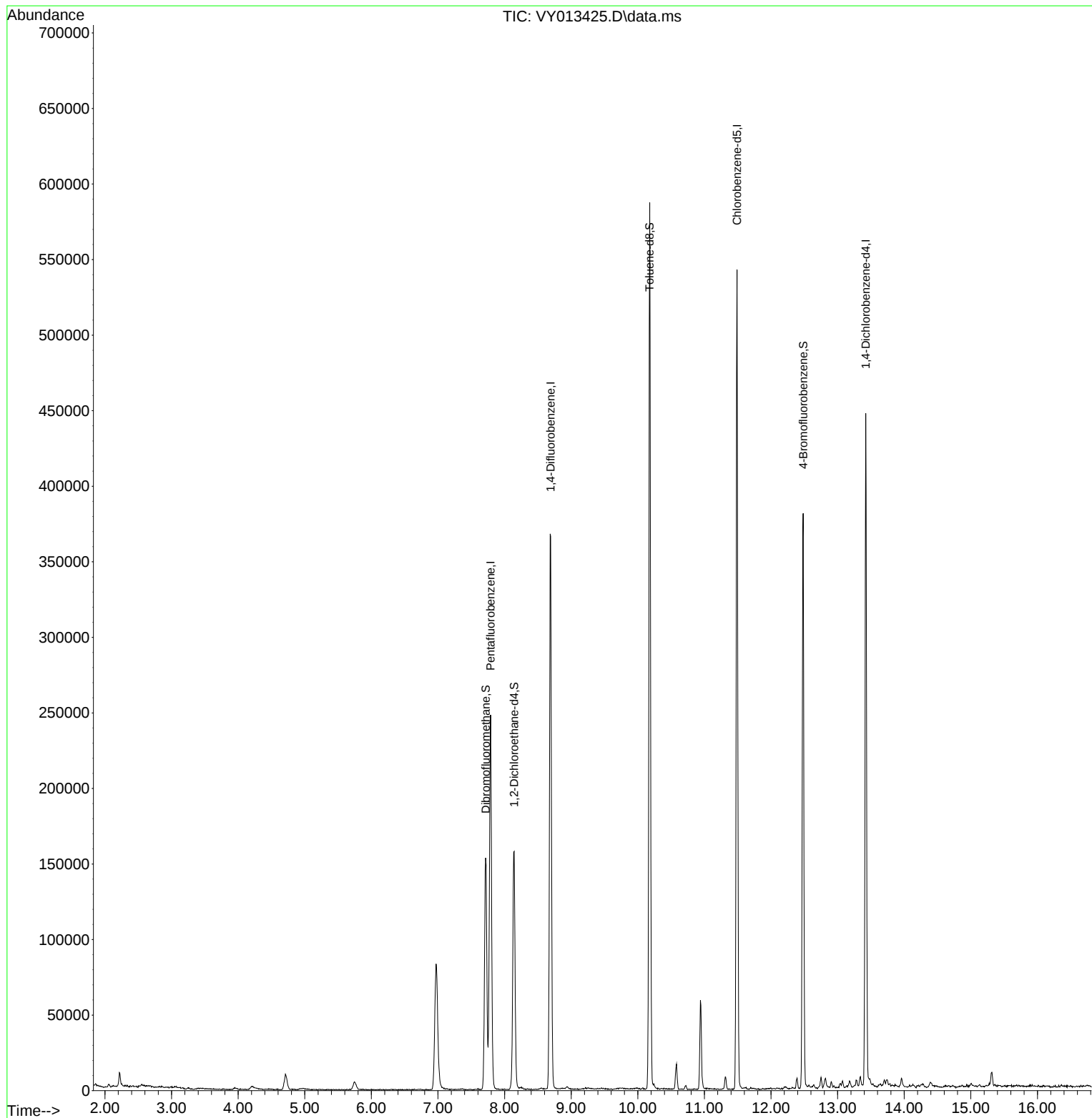
Target Compounds	Qvalue

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

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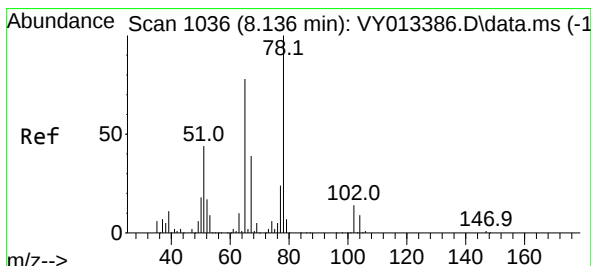
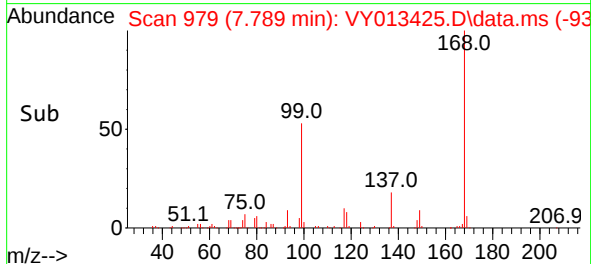
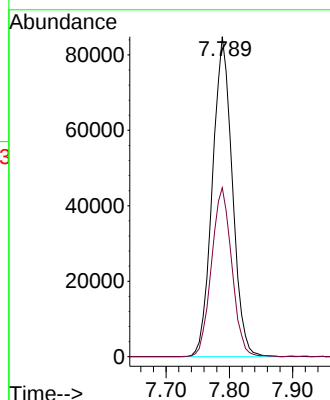
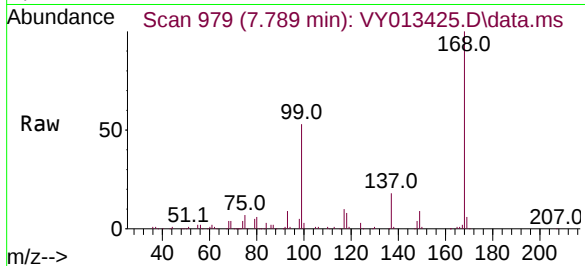




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013425.D
Acq: 25 Apr 2023 03:51

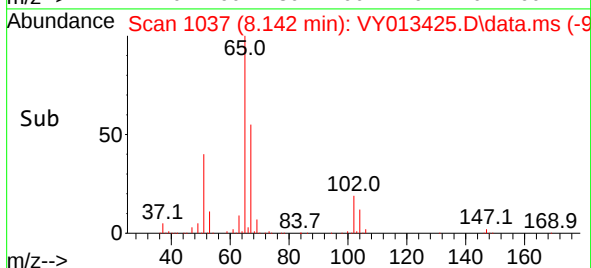
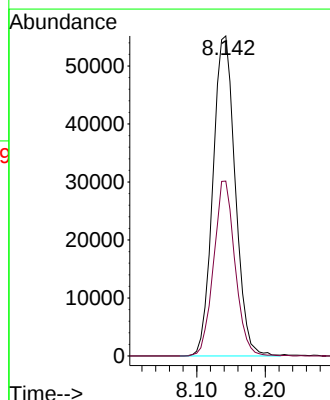
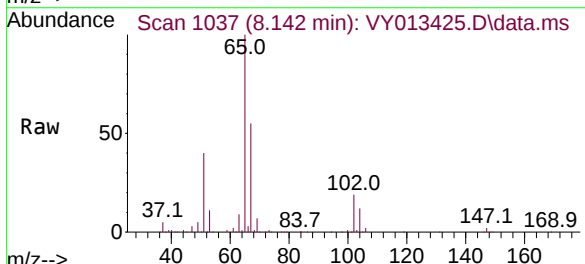
Instrument :
MSVOA_Y
ClientSampleId :
SPB-5WC-23-04-17

Tgt Ion:168 Resp: 185693
Ion Ratio Lower Upper
168 100
99 52.8 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 61.211 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013425.D
Acq: 25 Apr 2023 03:51

Tgt Ion: 65 Resp: 124601
Ion Ratio Lower Upper
65 100
67 52.5 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: VY013425.D

Acq: 25 Apr 2023 03:51

Instrument :

MSVOA_Y

ClientSampleId :

SPB-5WC-23-04-17

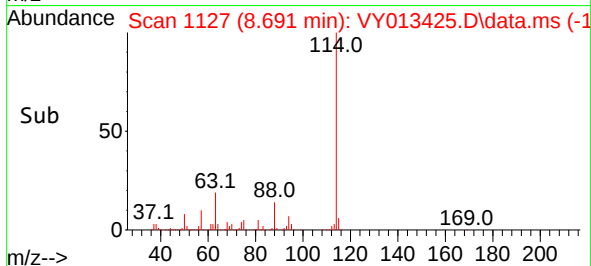
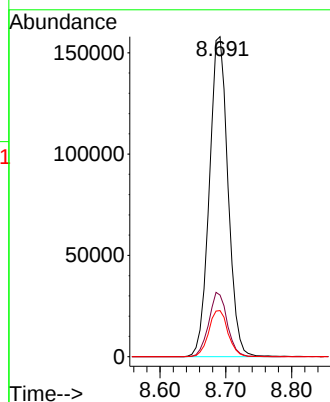
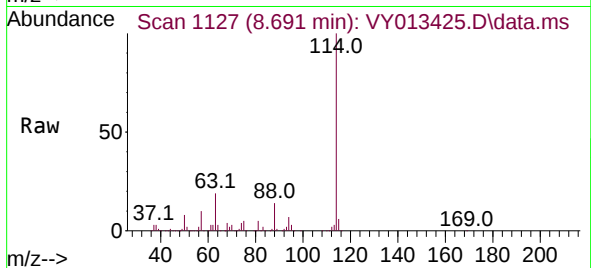
Tgt Ion:114 Resp: 311046

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.6

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.853 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013425.D

Acq: 25 Apr 2023 03:51

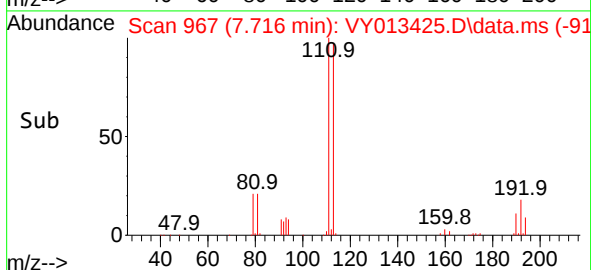
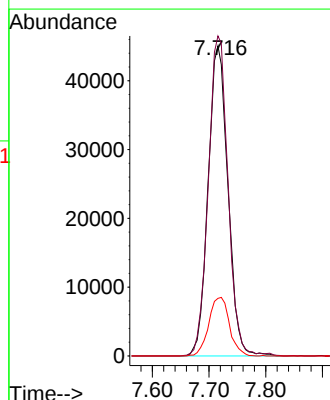
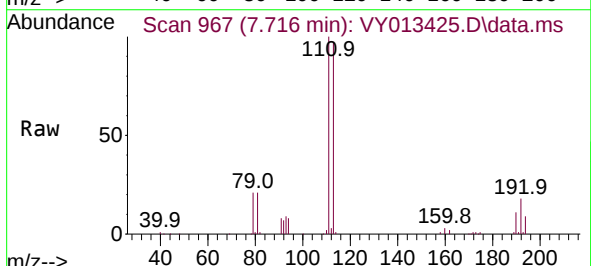
Tgt Ion:113 Resp: 109268

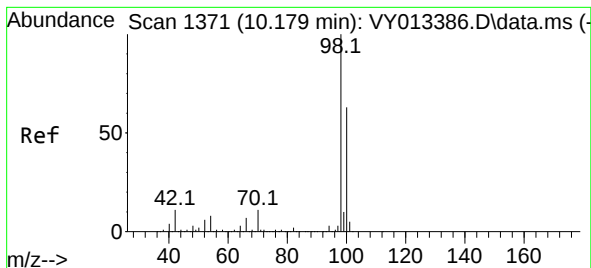
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 19.7 16.7 25.1

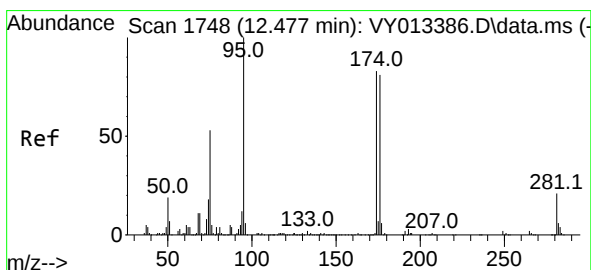
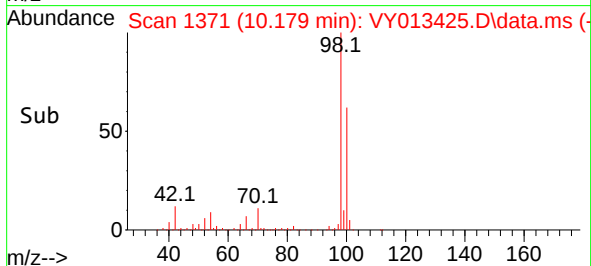
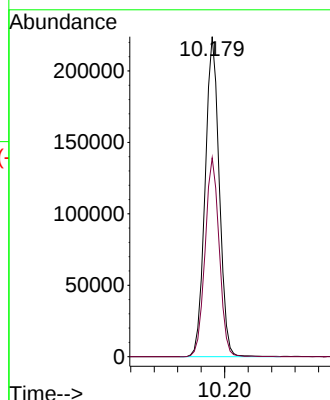
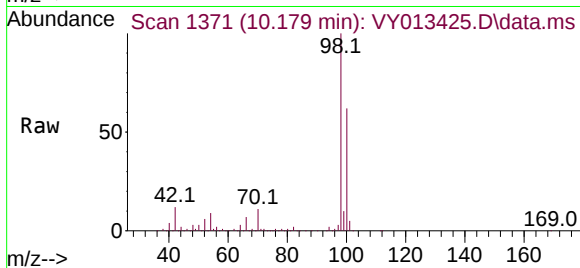




#50
Toluene-d8
Concen: 53.614 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013425.D
Acq: 25 Apr 2023 03:51

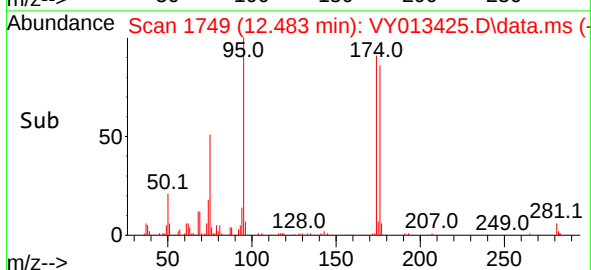
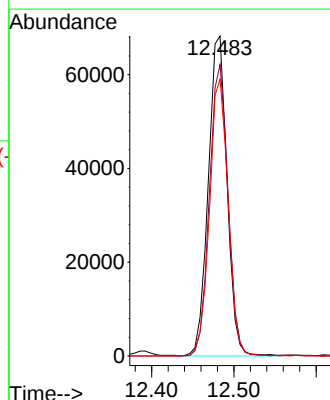
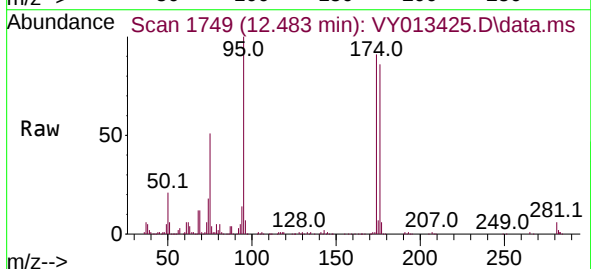
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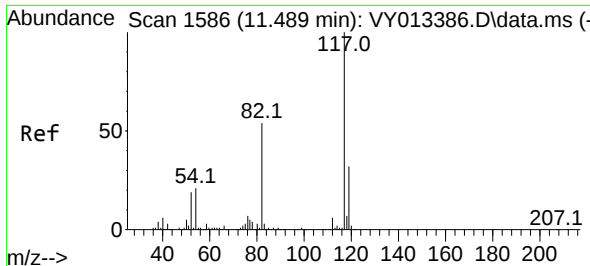
Tgt Ion: 98 Resp: 373129
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 46.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013425.D
Acq: 25 Apr 2023 03:51

Tgt Ion: 95 Resp: 108152
Ion Ratio Lower Upper
95 100
174 90.6 0.0 182.0
176 85.8 0.0 175.4

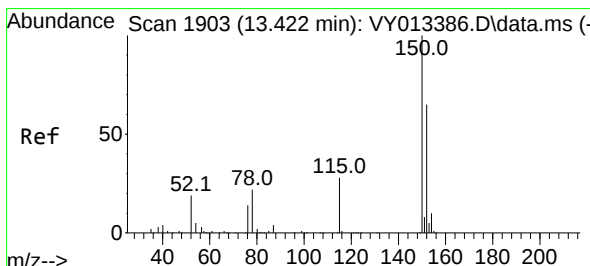
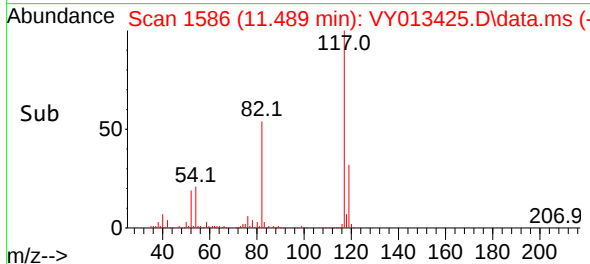
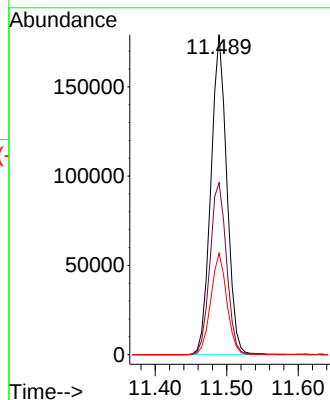
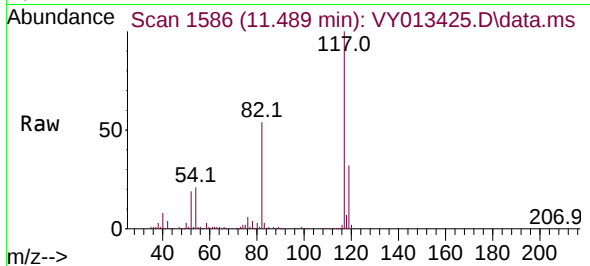




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013425.D
Acq: 25 Apr 2023 03:51

Instrument :
MSVOA_Y
ClientSampleId :
SPB-5WC-23-04-17

Tgt Ion:117 Resp: 277677
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.6
119 31.7 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: VY013425.D
Acq: 25 Apr 2023 03:51

Tgt Ion:152 Resp: 110881
Ion Ratio Lower Upper
152 100
115 57.5 28.1 84.2
150 158.3 0.0 352.0

