

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015345.D
 Acq On : 25 Aug 2023 16:15
 Operator : SY/MD
 Sample : 04160-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-26706

Quant Time: Aug 25 23:43:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

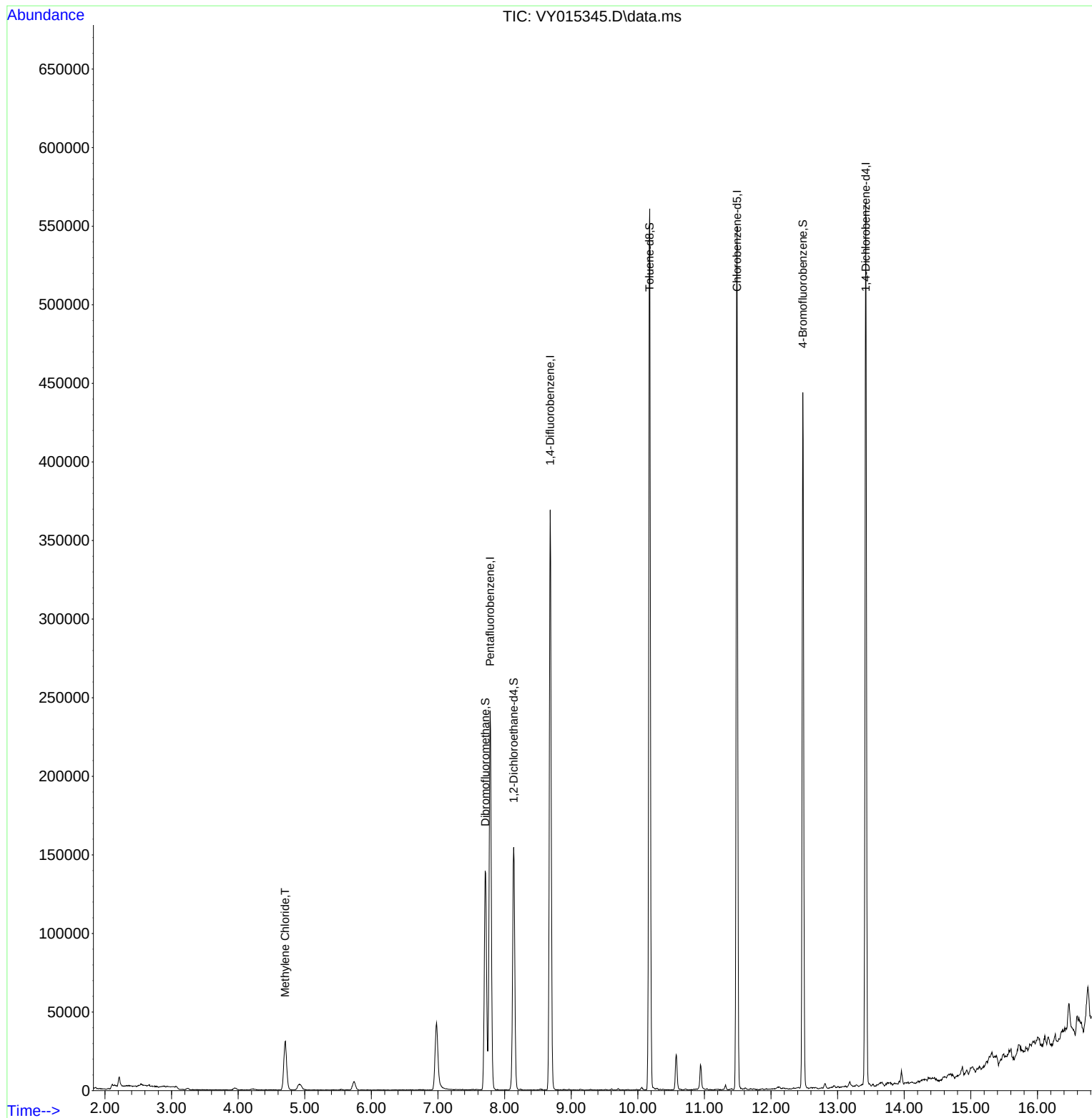
Internal Standards						
1) Pentafluorobenzene	7.782	168	185268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	286385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122477	55.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.140%
35) Dibromofluoromethane	7.709	113	98249	48.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.178	98	364664	48.738	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.477	95	129232	47.289	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.580%
Target Compounds						
20) Methylene Chloride	4.704	84	23125	9.802	ug/l	Qvalue 95

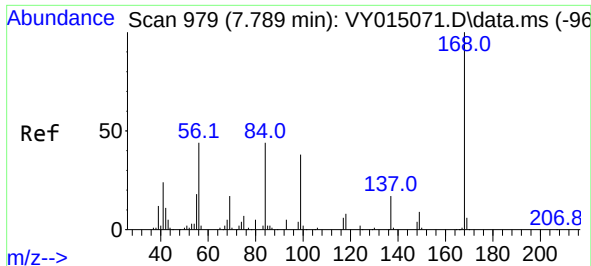
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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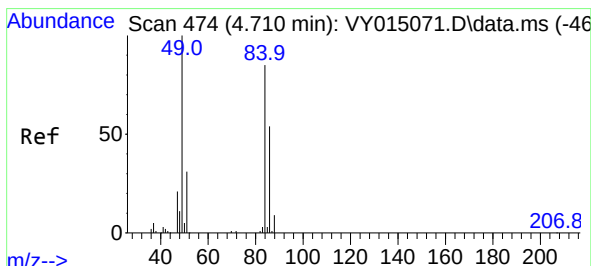
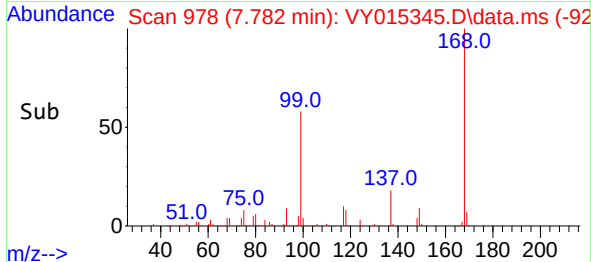
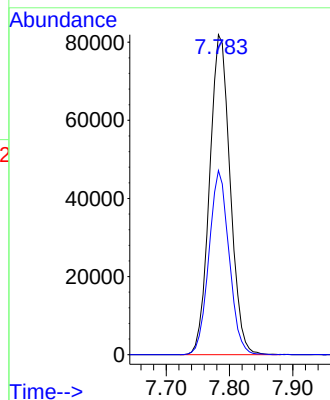
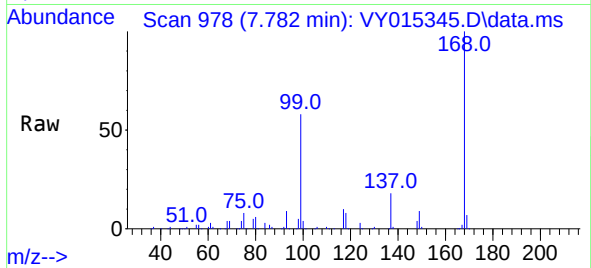




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

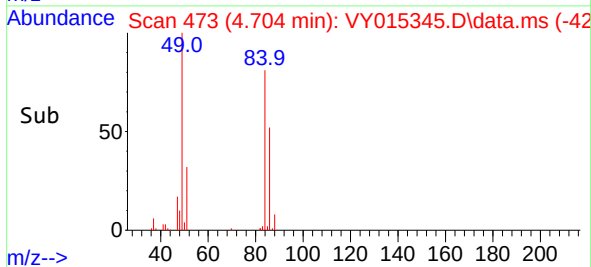
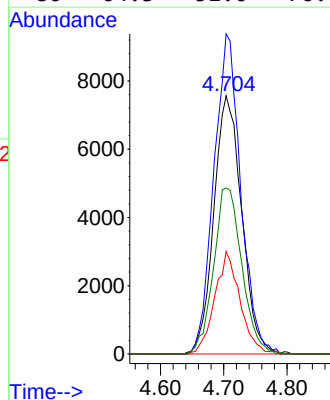
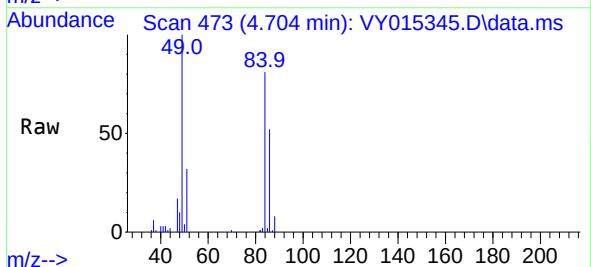
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

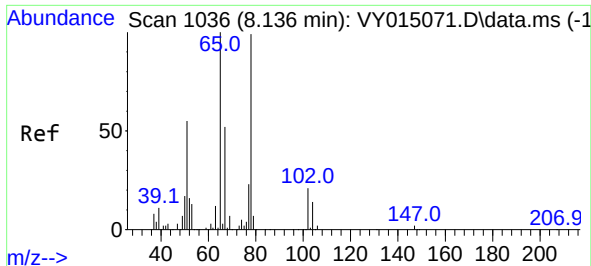
Tgt Ion:168 Resp: 185268
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#20
Methylene Chloride
Concen: 9.802 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

Tgt Ion: 84 Resp: 23125
Ion Ratio Lower Upper
84 100
49 123.9 106.9 160.3
51 39.7 33.2 49.8
86 64.3 51.0 76.6

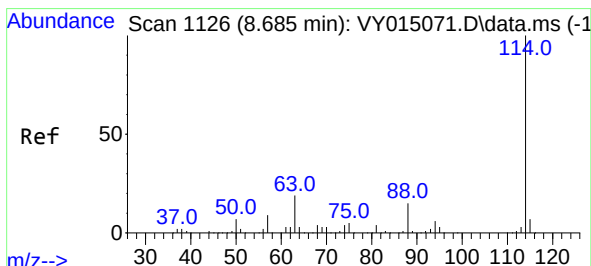
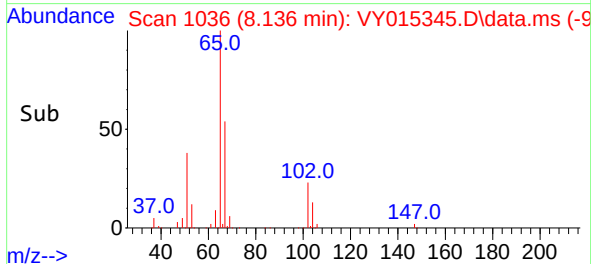
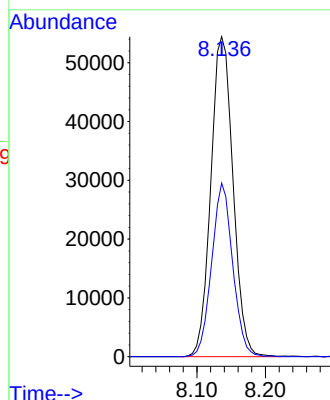
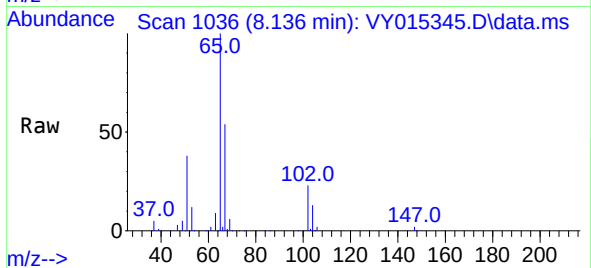




#33
1,2-Dichloroethane-d4
Concen: 55.071 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

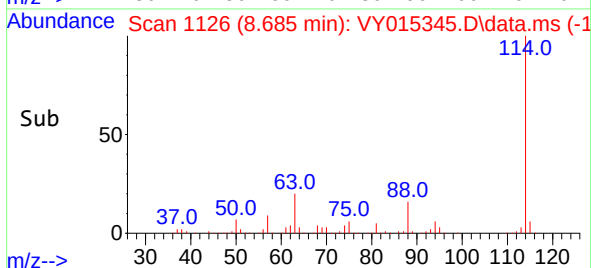
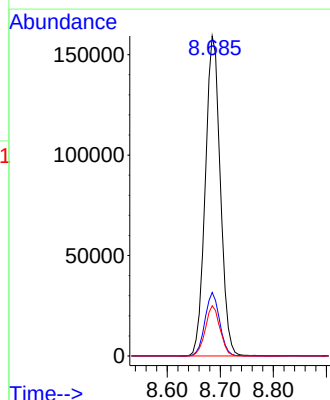
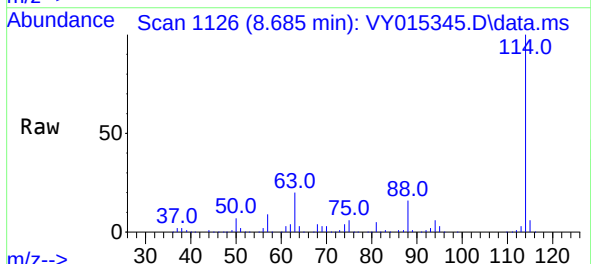
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

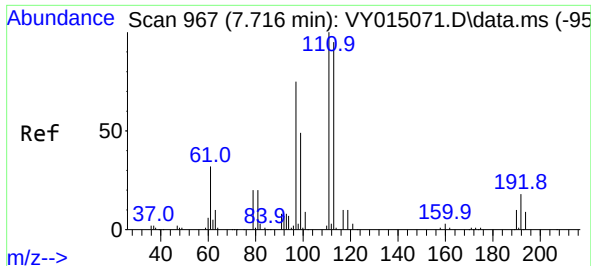
Tgt Ion: 65 Resp: 122477
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

Tgt Ion: 114 Resp: 312424
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.4
88 15.7 0.0 30.6

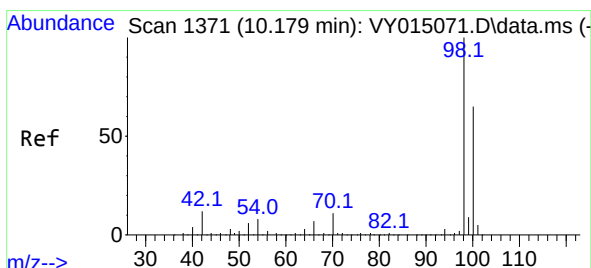
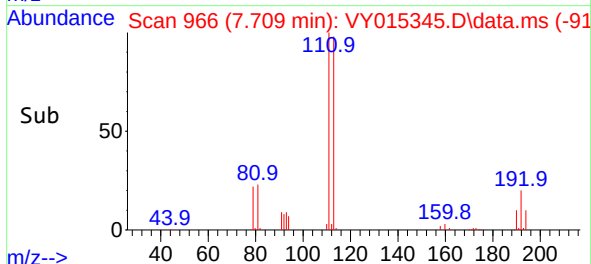
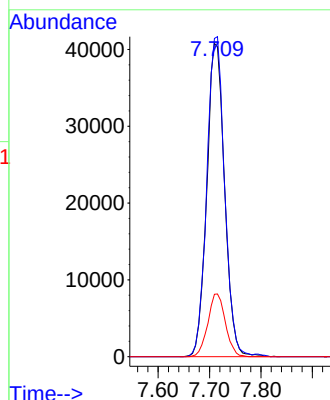
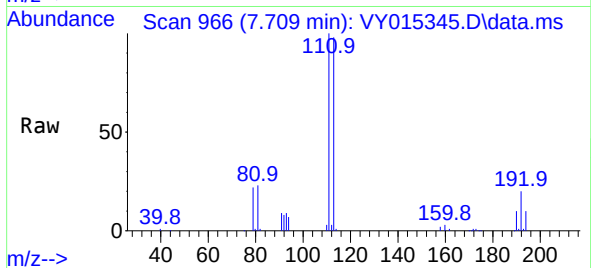




#35
Dibromofluoromethane
Concen: 48.882 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

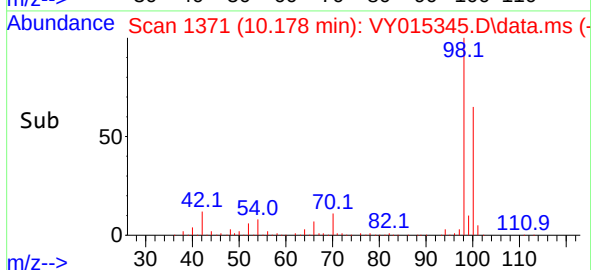
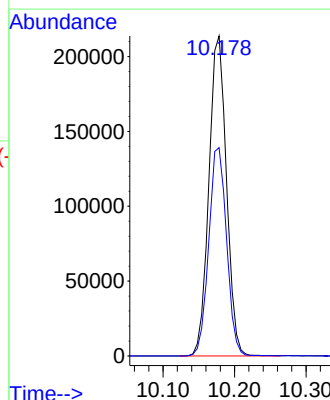
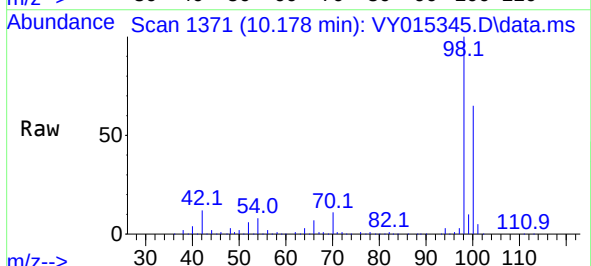
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-26706

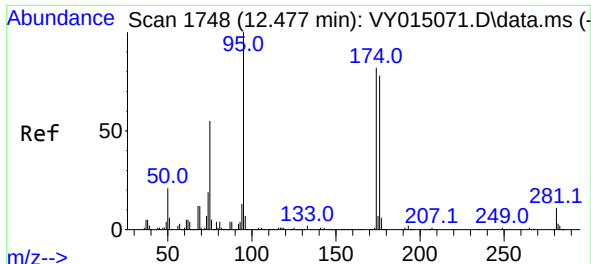
Tgt Ion:113 Resp: 98249
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.8 16.9 25.3



#50
Toluene-d8
Concen: 48.738 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

Tgt Ion: 98 Resp: 364664
Ion Ratio Lower Upper
98 100
100 66.2 50.1 75.1

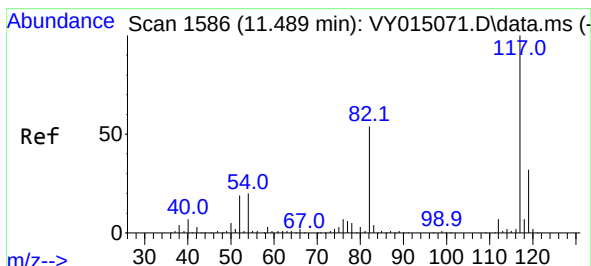
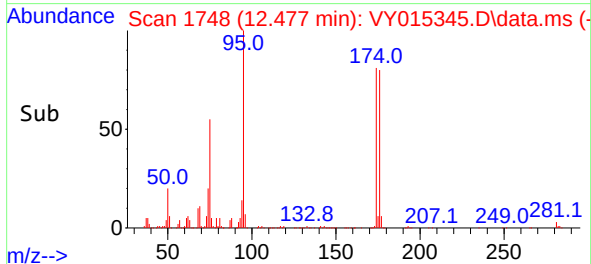
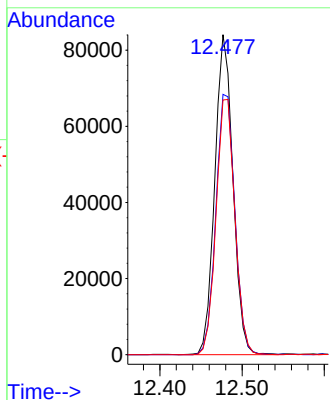
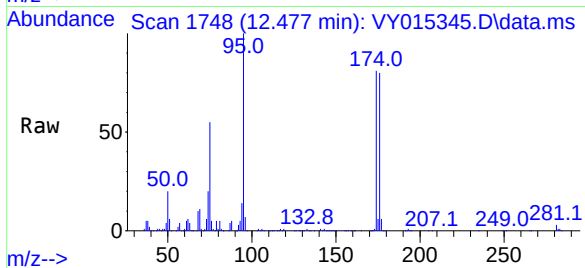




#62
4-Bromofluorobenzene
Concen: 47.289 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

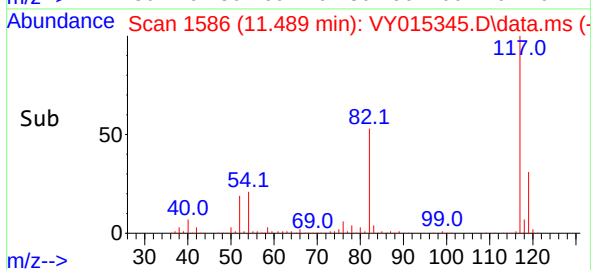
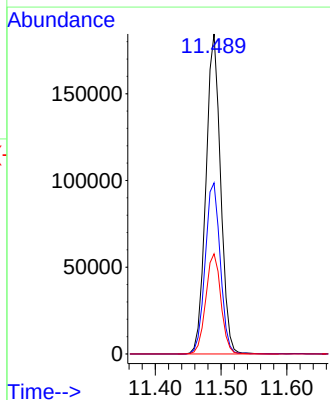
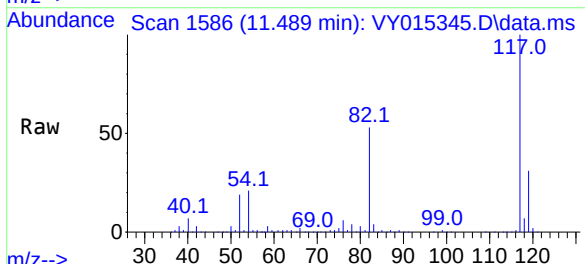
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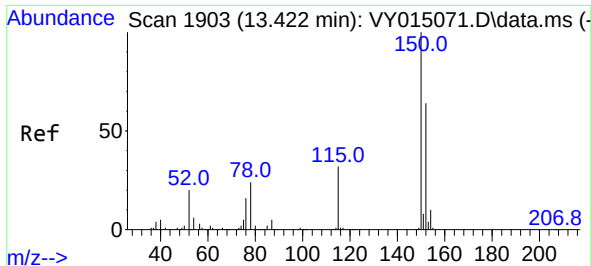
Tgt Ion: 95 Resp: 129232
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015345.D
Acq: 25 Aug 2023 16:15

Tgt Ion: 117 Resp: 286385
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 31.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015345.D

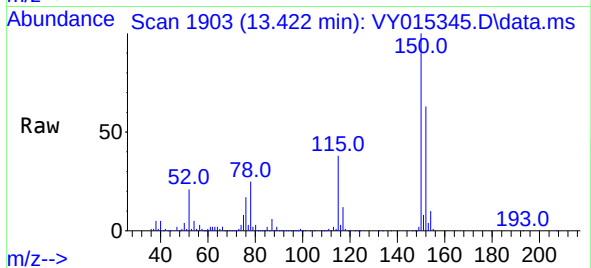
Acq: 25 Aug 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 138905

Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 157.1 0.0 348.8

