

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015344.D
 Acq On : 25 Aug 2023 15:52
 Operator : SY/MD
 Sample : 04160-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-24449

Quant Time: Aug 25 23:43:13 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)

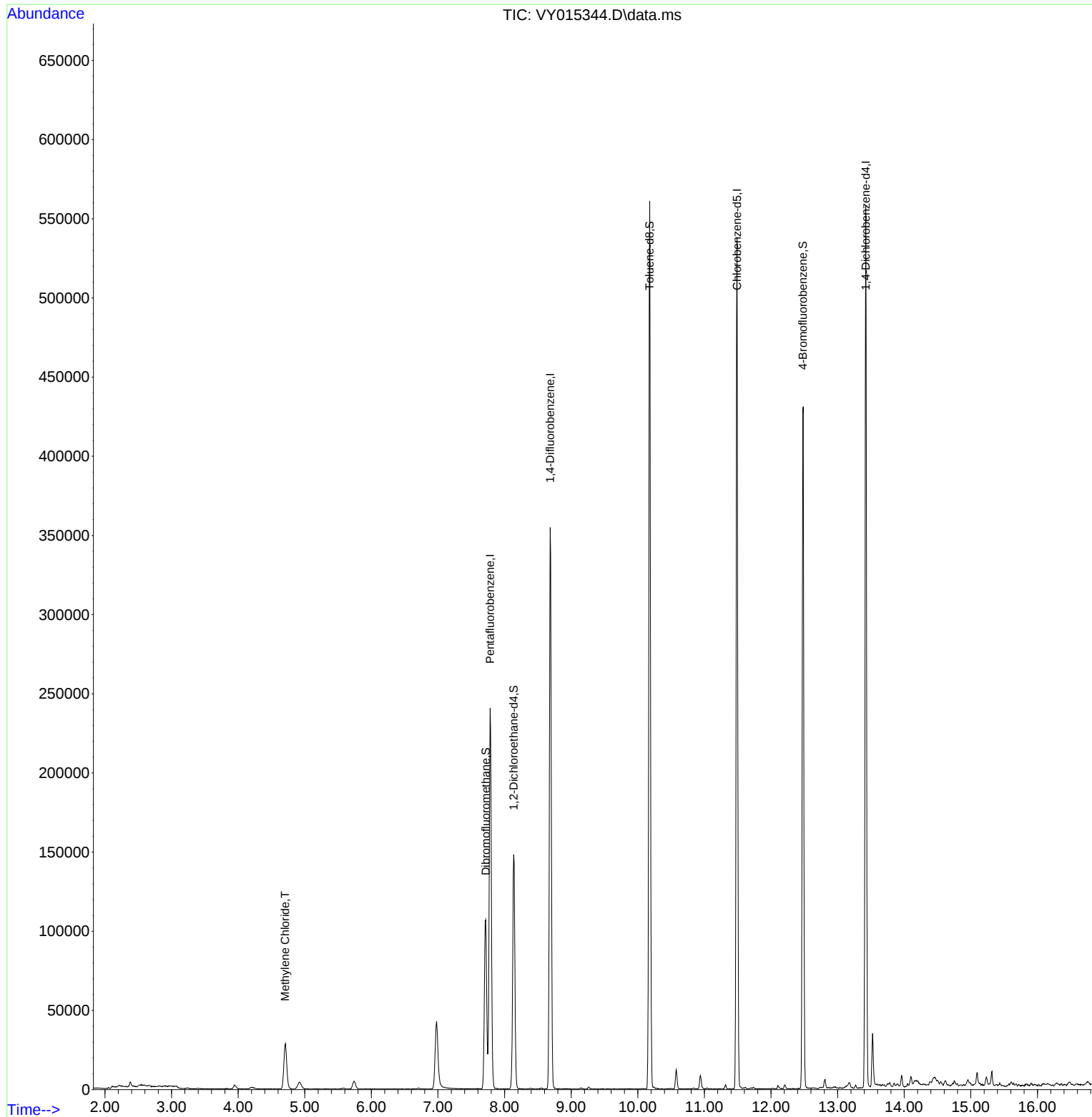
Internal Standards						
1) Pentafluorobenzene	7.783	168	183252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118079	53.678	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.360%
35) Dibromofluoromethane	7.716	113	77025	39.071	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.140%
50) Toluene-d8	10.179	98	360251	49.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.477	95	126742	47.283	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.560%
Target Compounds						
20) Methylene Chloride	4.704	84	22189	9.367	ug/l	Qvalue # 81

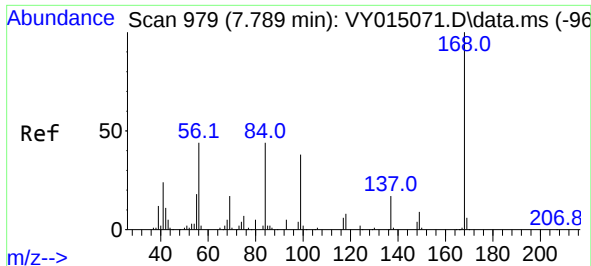
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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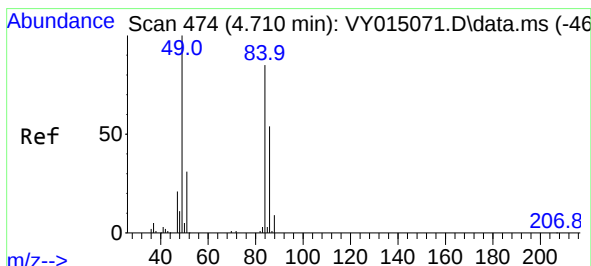
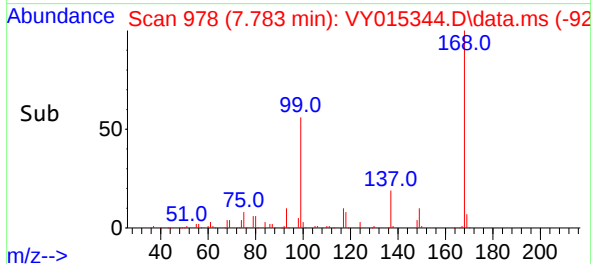
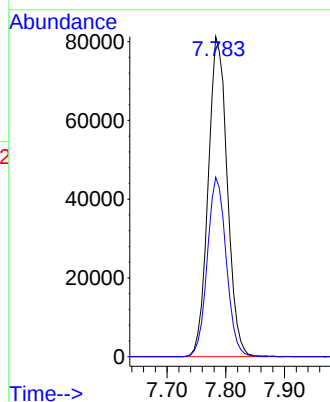
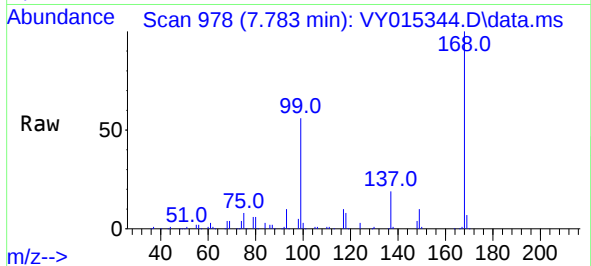




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

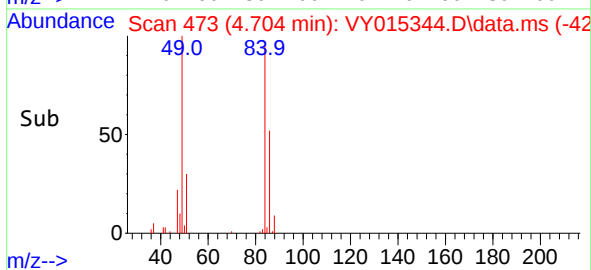
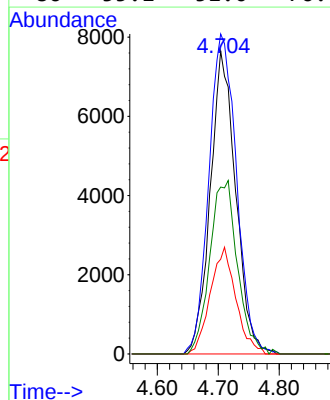
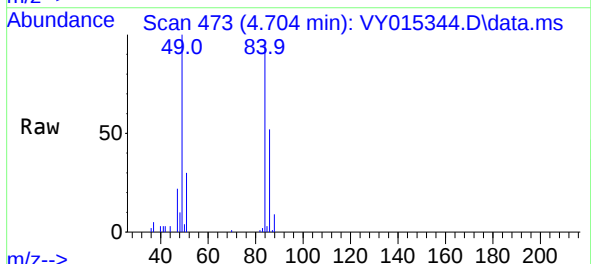
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-24449

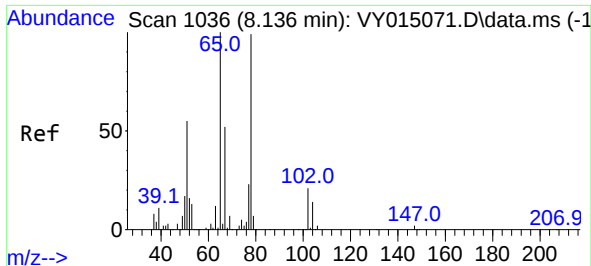
Tgt Ion:168 Resp: 183252
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#20
Methylene Chloride
Concen: 9.367 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

Tgt Ion: 84 Resp: 22189
Ion Ratio Lower Upper
84 100
49 105.6 106.9 160.3#
51 31.3 33.2 49.8#
86 55.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.678 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015344.D

Acq: 25 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

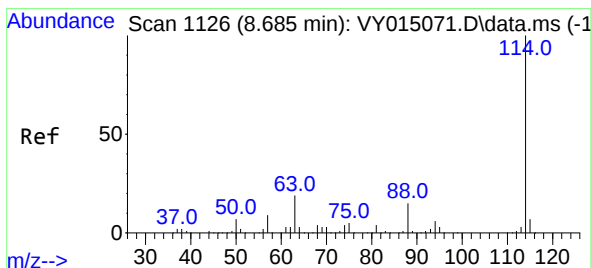
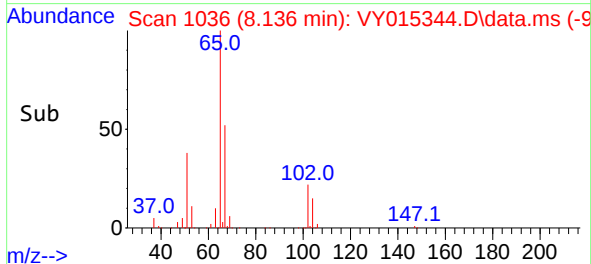
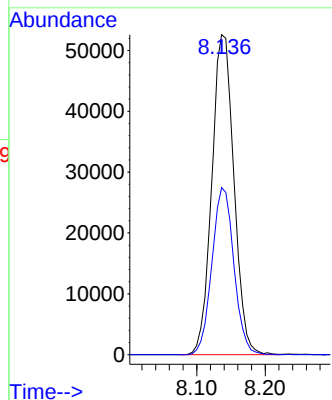
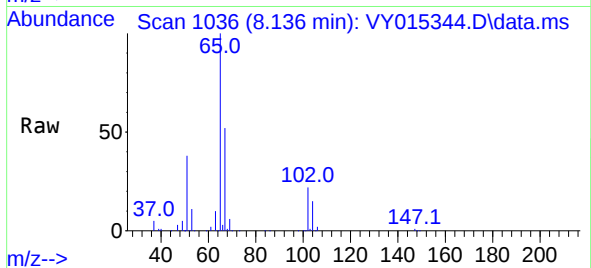
CHRT-24449

Tgt Ion: 65 Resp: 118079

Ion Ratio Lower Upper

65 100

67 51.7 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: VY015344.D

Acq: 25 Aug 2023 15:52

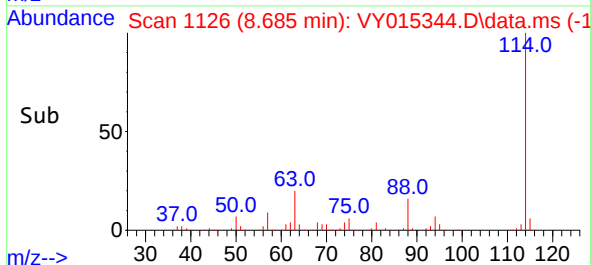
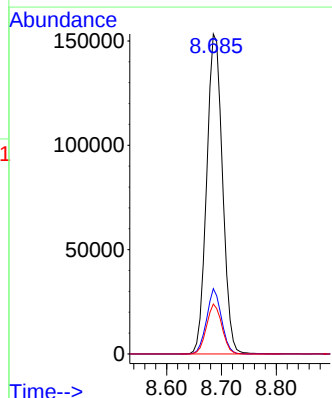
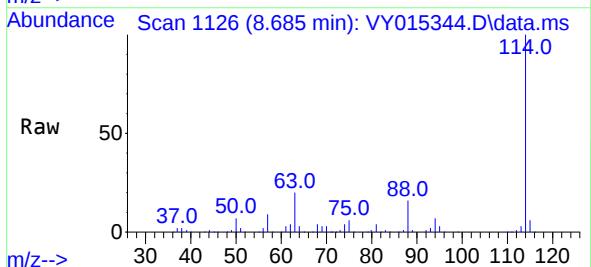
Tgt Ion: 114 Resp: 306440

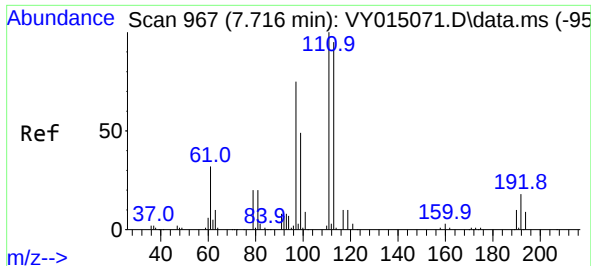
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.6 0.0 30.6

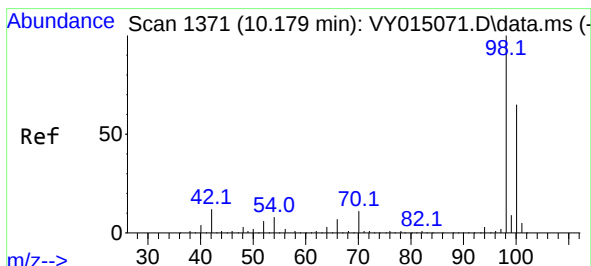
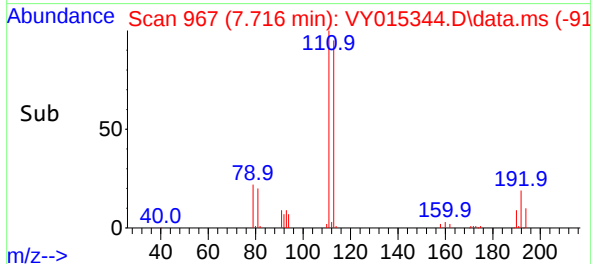
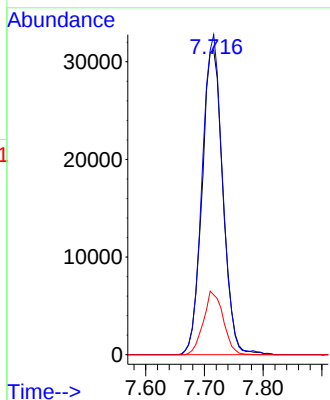
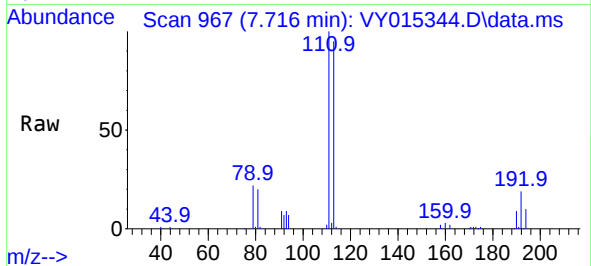




#35
Dibromofluoromethane
Concen: 39.071 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

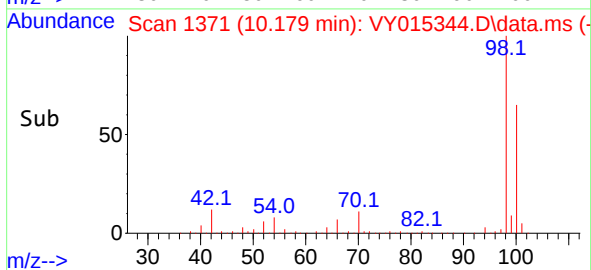
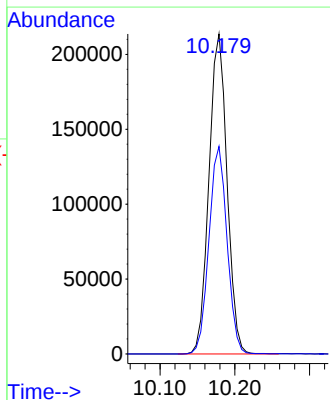
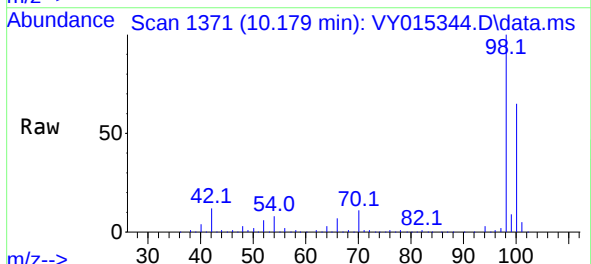
Instrument :
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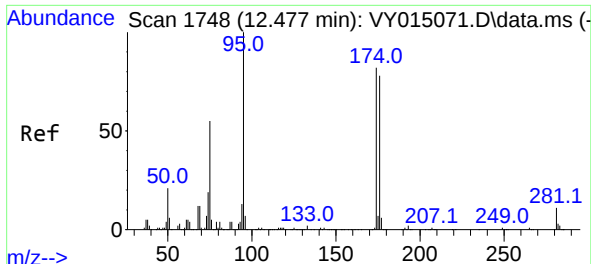
Tgt Ion:113 Resp: 77025
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.088 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

Tgt Ion: 98 Resp: 360251
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

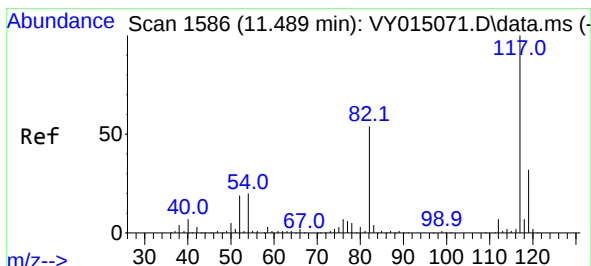
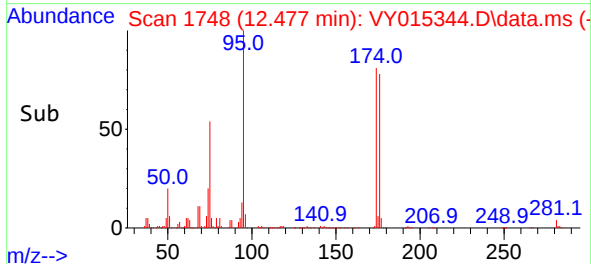
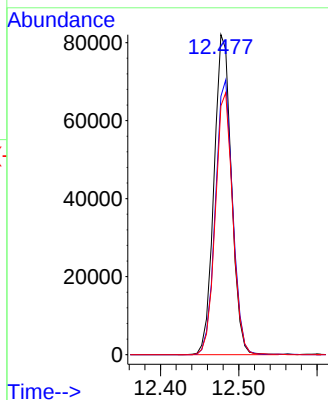
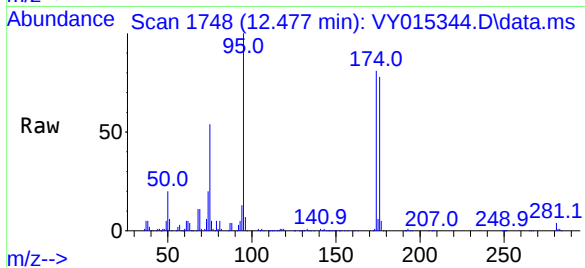




#62
4-Bromofluorobenzene
Concen: 47.283 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

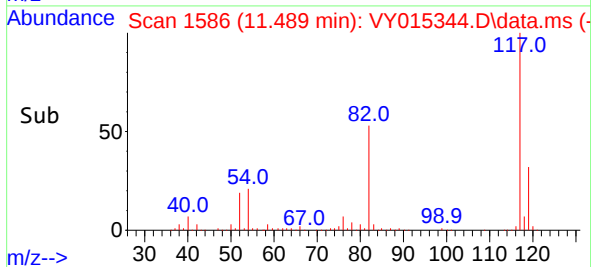
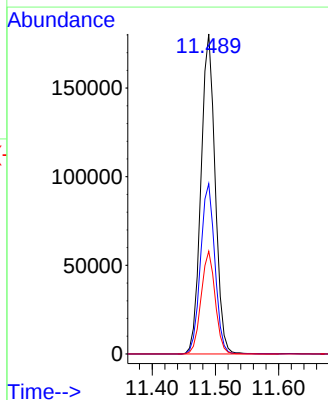
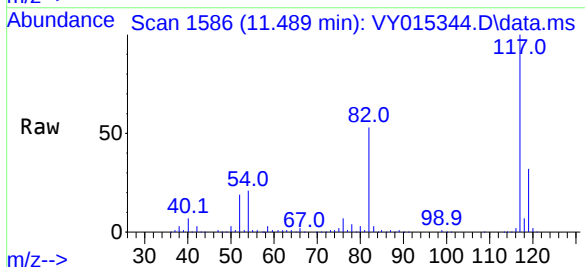
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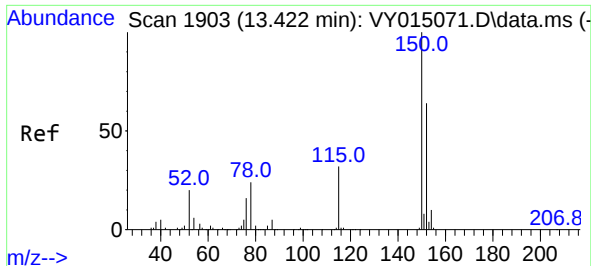
Tgt Ion: 95 Resp: 126742
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015344.D
Acq: 25 Aug 2023 15:52

Tgt Ion: 117 Resp: 282122
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.1 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: VY015344.D

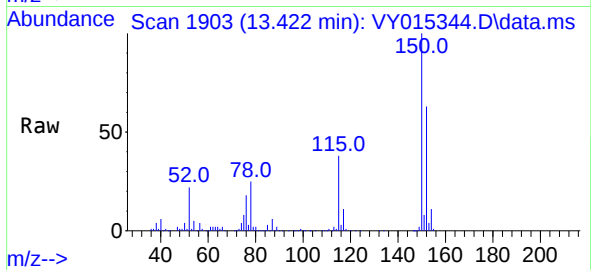
Acq: 25 Aug 2023 15:52

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-24449



Tgt Ion:152 Resp: 137627

Ion Ratio Lower Upper

152 100

115 59.2 28.8 86.5

150 157.7 0.0 348.8

