

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015342.D
 Acq On : 25 Aug 2023 15:04
 Operator : SY/MD
 Sample : 04161-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT-25659

Quant Time: Aug 25 23:42:30 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)

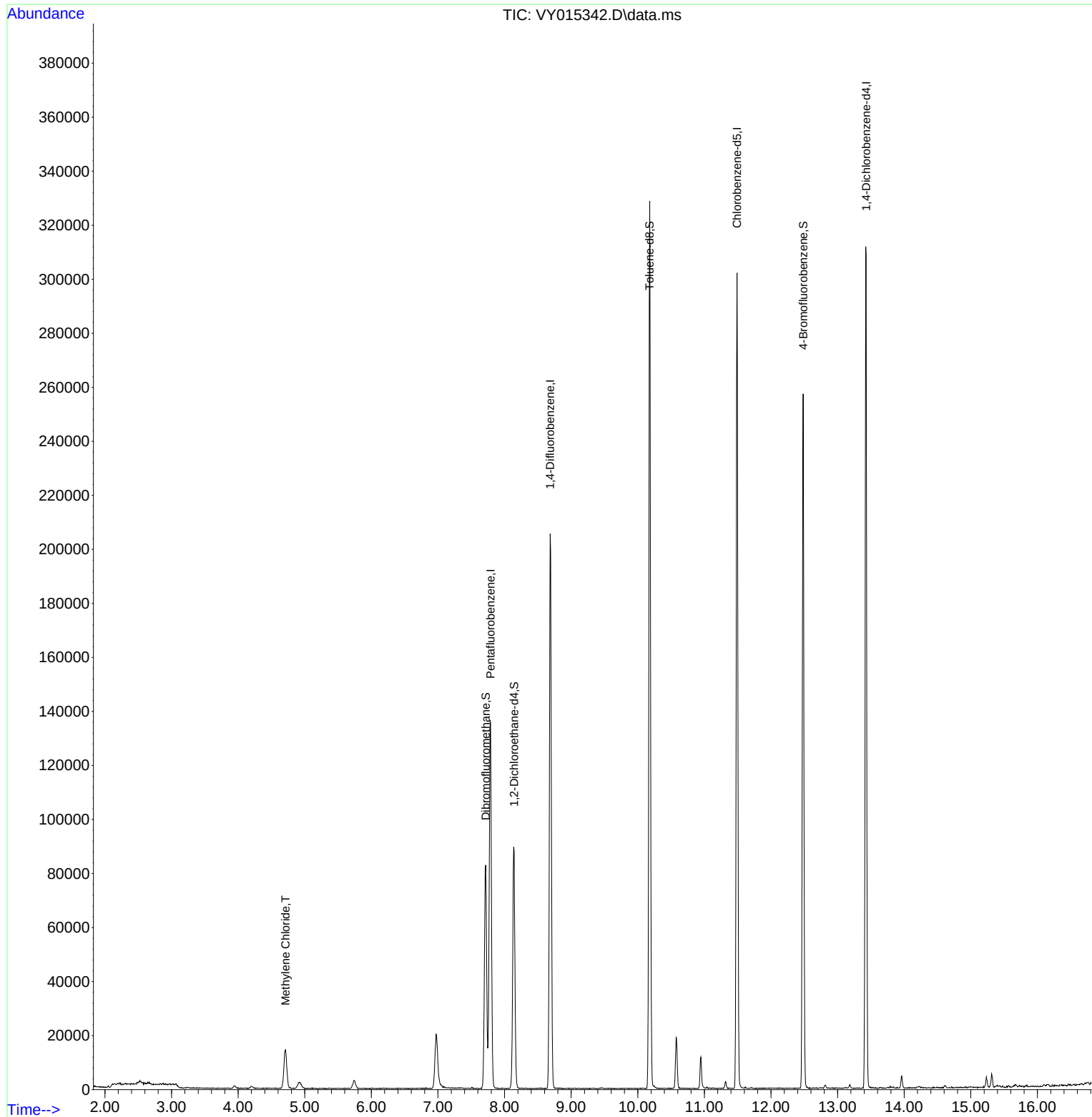
Internal Standards						
1) Pentafluorobenzene	7.789	168	107320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70149	54.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.900%
35) Dibromofluoromethane	7.716	113	57330	49.411	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.820%
50) Toluene-d8	10.179	98	210331	48.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.483	95	74303	47.100	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.200%
Target Compounds						
20) Methylene Chloride	4.710	84	10763	6.946	ug/l	Qvalue # 84

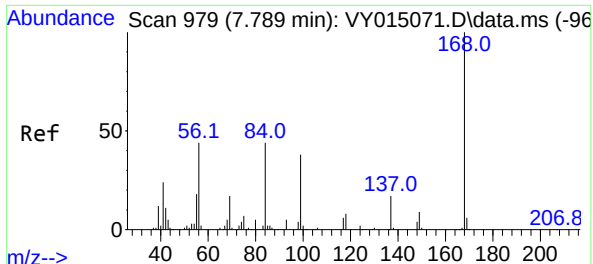
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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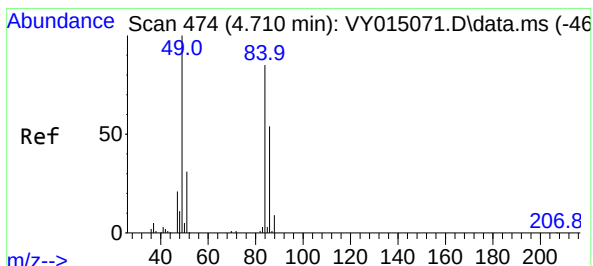
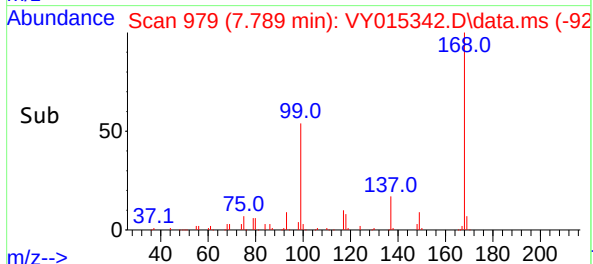
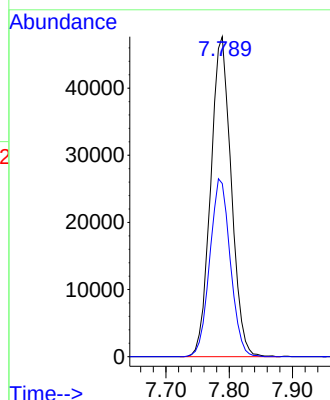
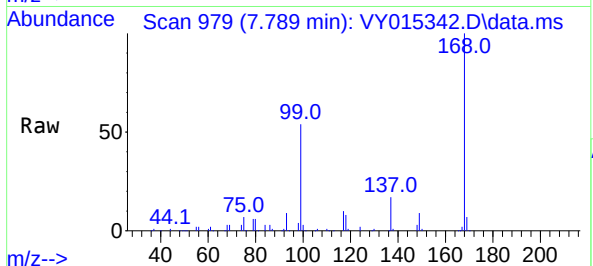




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

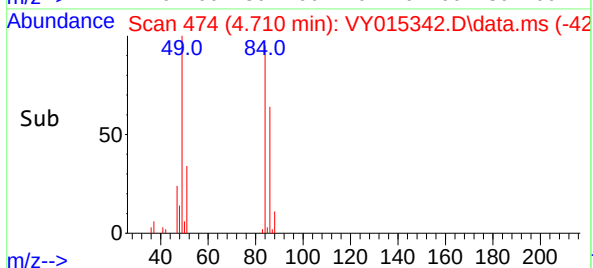
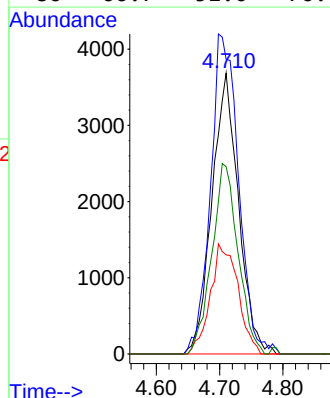
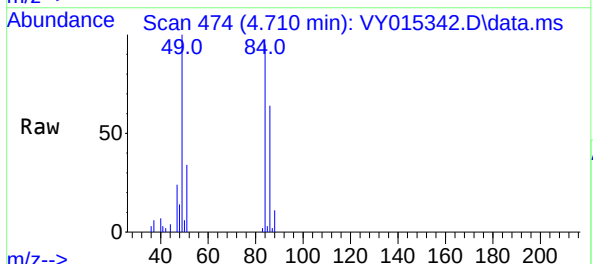
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25659

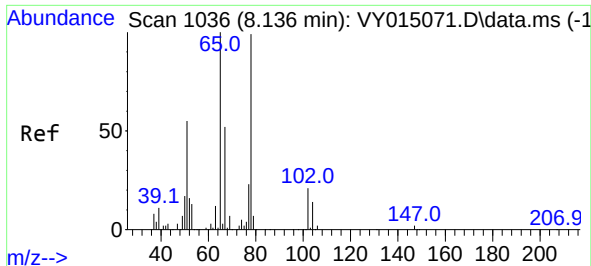
Tgt Ion:168 Resp: 107320
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#20
Methylene Chloride
Concen: 6.946 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

Tgt Ion: 84 Resp: 10763
Ion Ratio Lower Upper
84 100
49 104.9 106.9 160.3#
51 35.3 33.2 49.8
86 66.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.452 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY015342.D

Acq: 25 Aug 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

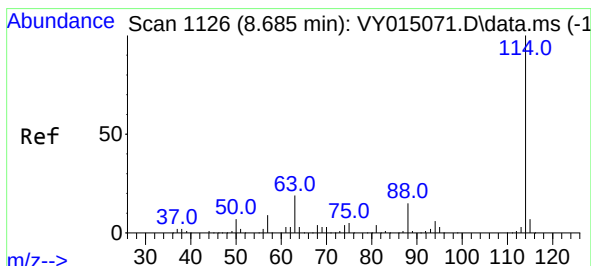
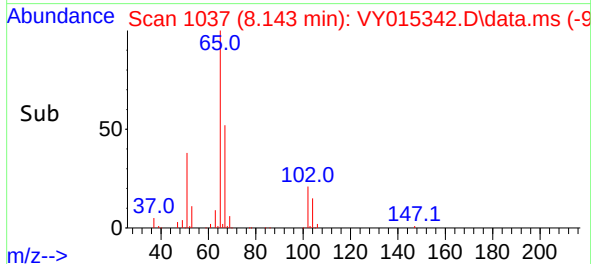
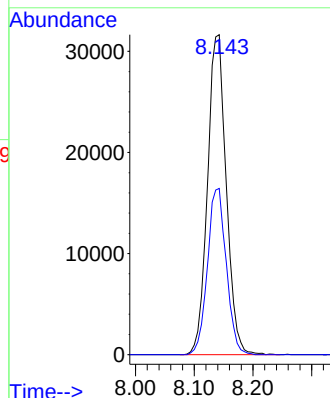
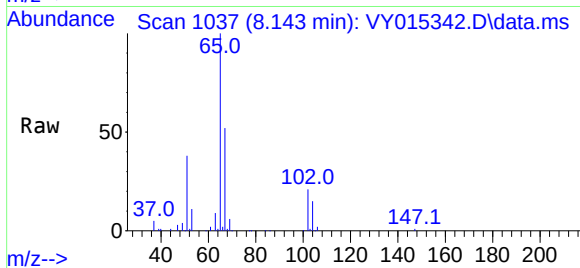
CHRT-25659

Tgt Ion: 65 Resp: 70149

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015342.D

Acq: 25 Aug 2023 15:04

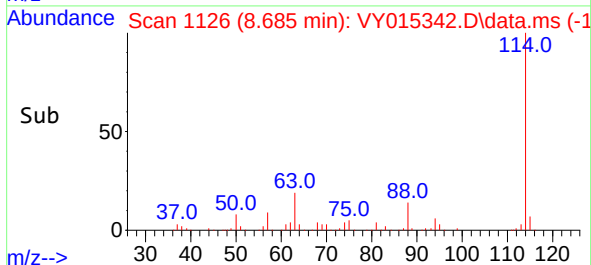
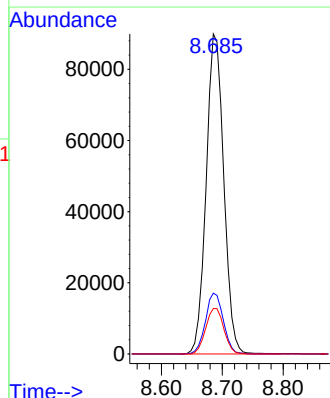
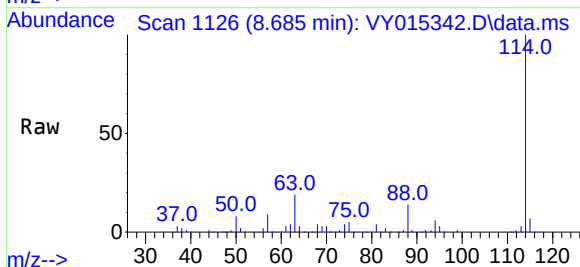
Tgt Ion: 114 Resp: 180352

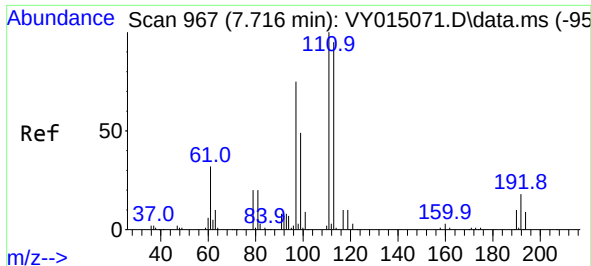
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 14.2 0.0 30.6

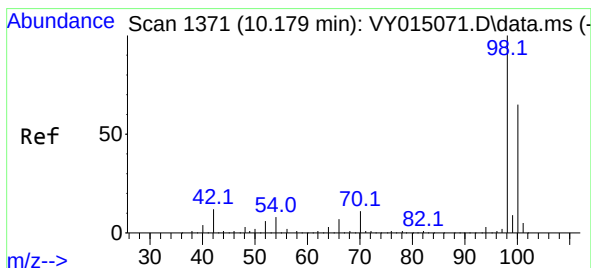
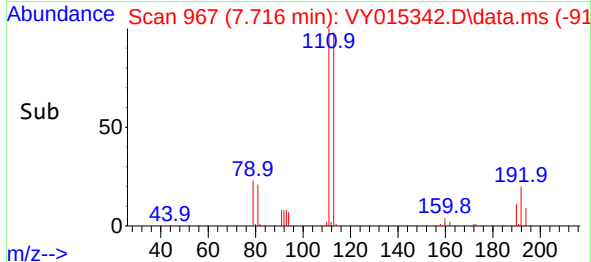
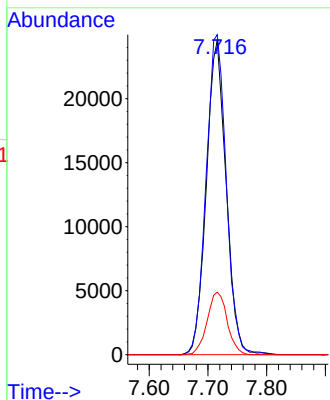
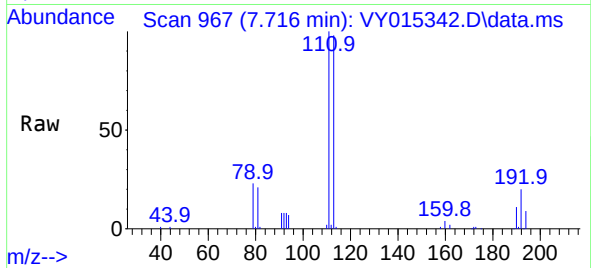




#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

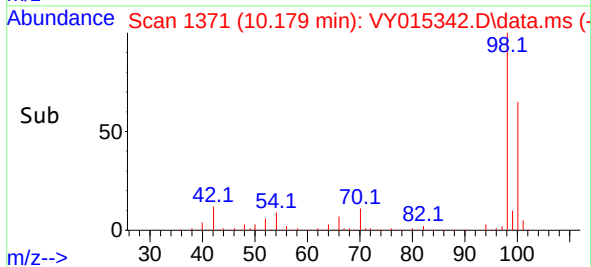
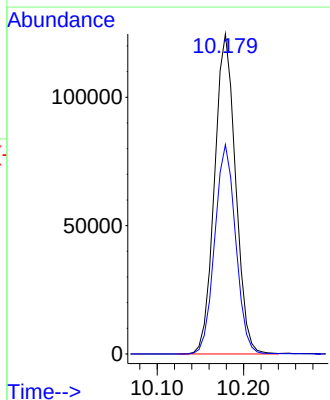
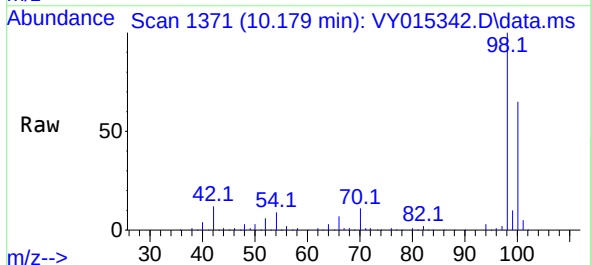
Instrument :
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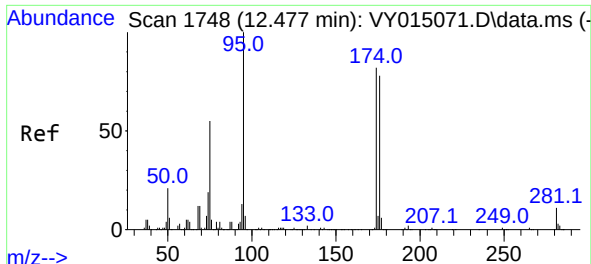
Tgt Ion:113 Resp: 57330
Ion Ratio Lower Upper
113 100
111 104.0 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 48.697 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

Tgt Ion: 98 Resp: 210331
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1

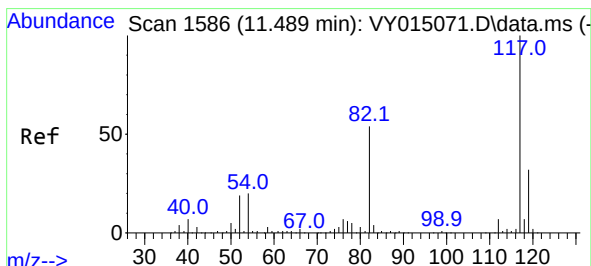
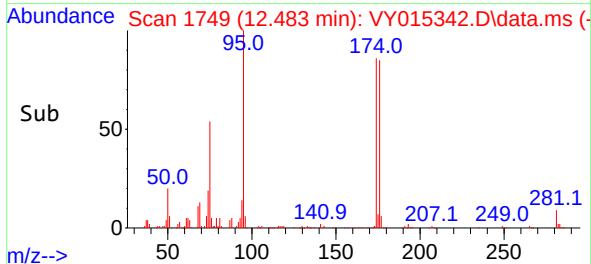
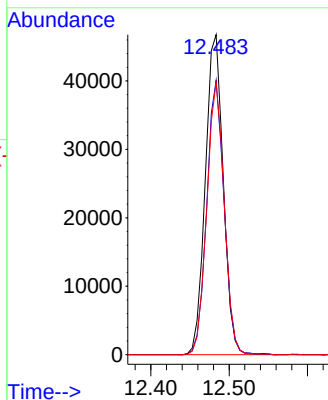
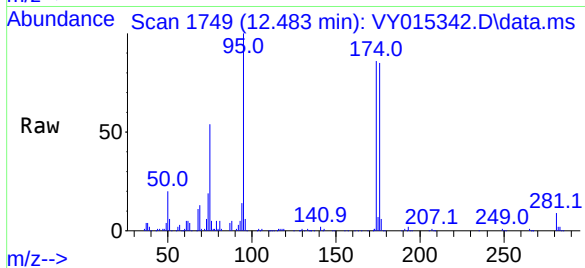




#62
4-Bromofluorobenzene
Concen: 47.100 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

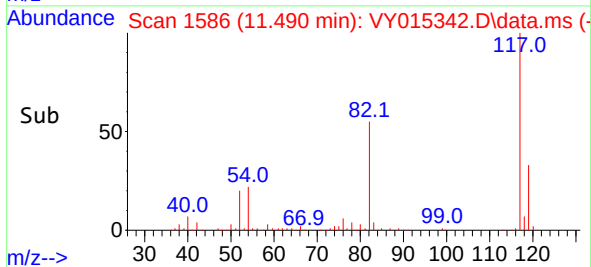
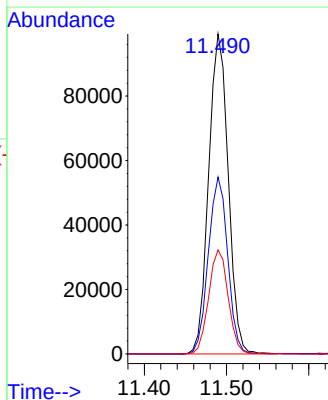
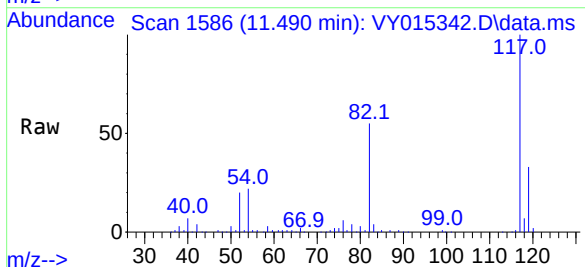
Instrument :
MSVOA_Y
ClientSampleId :
CHRT-25659

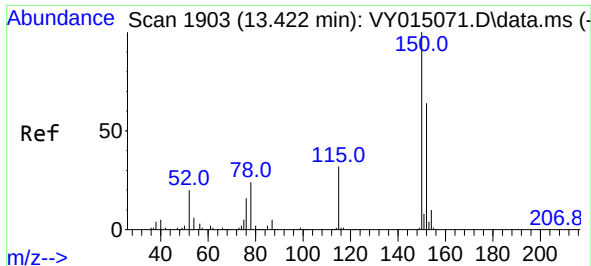
Tgt Ion: 95 Resp: 74303
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015342.D
Acq: 25 Aug 2023 15:04

Tgt Ion: 117 Resp: 164211
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015342.D

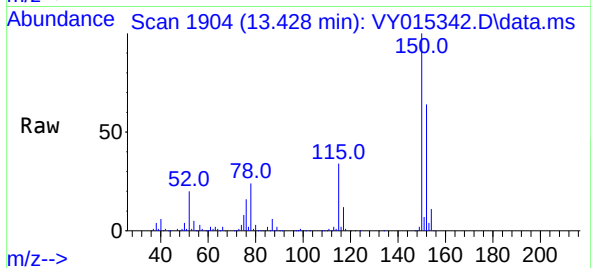
Acq: 25 Aug 2023 15:04

Instrument :

MSVOA_Y

ClientSampleId :

CHRT-25659



Tgt Ion:152 Resp: 80883

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 156.0 0.0 348.8

