

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015825.D
 Acq On : 04 Oct 2023 14:14
 Operator : SY/MD
 Sample : 04702-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-100223

Quant Time: Oct 05 06:54:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

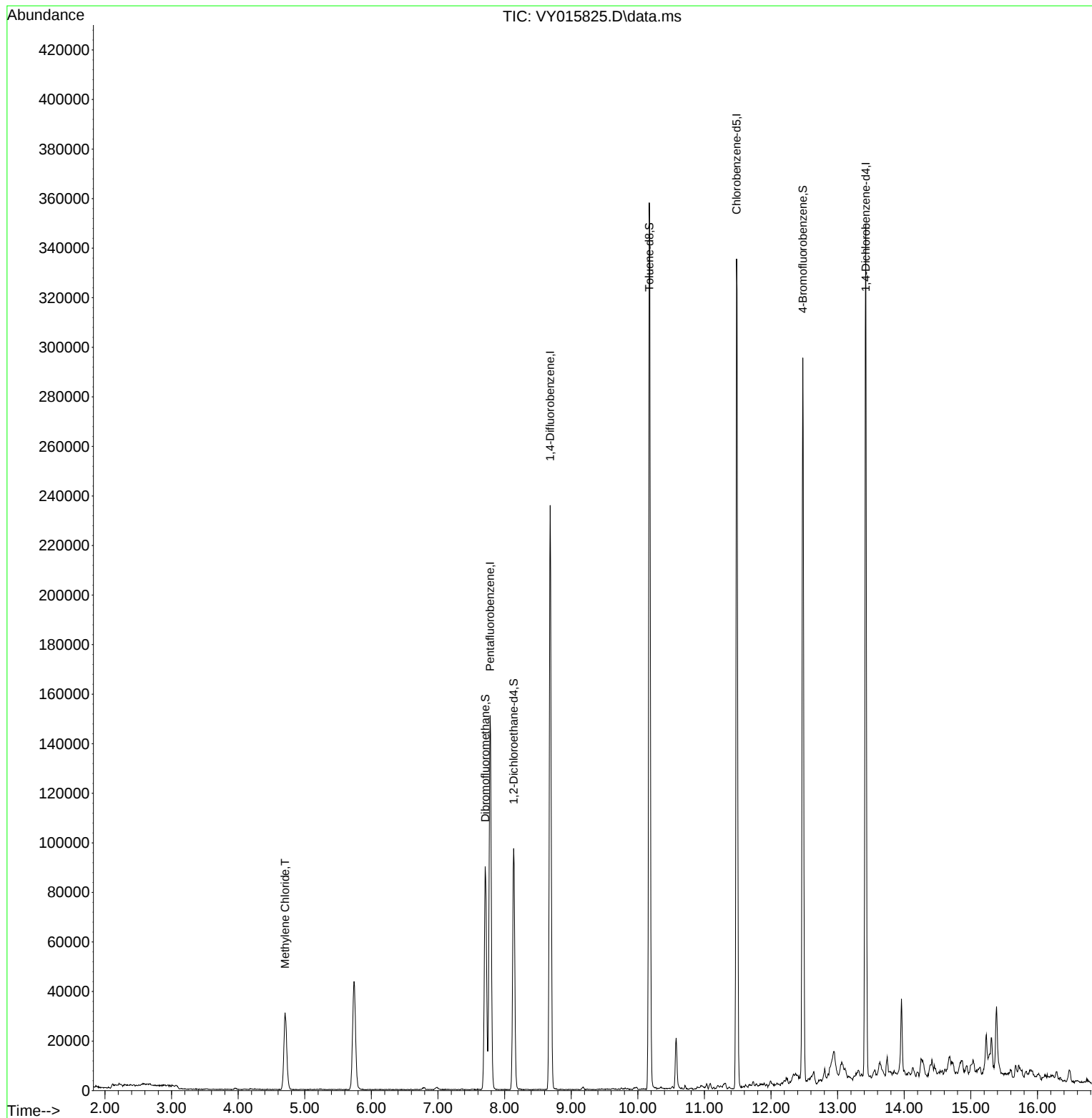
Internal Standards						
1) Pentafluorobenzene	7.783	168	118107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	183494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77169	59.383	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.760%	
35) Dibromofluoromethane	7.710	113	64744	54.054	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	108.100%	
50) Toluene-d8	10.173	98	236818	58.312	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	116.620%	
62) 4-Bromofluorobenzene	12.477	95	81465	51.115	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	102.220%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	23425	11.670	ug/l	92

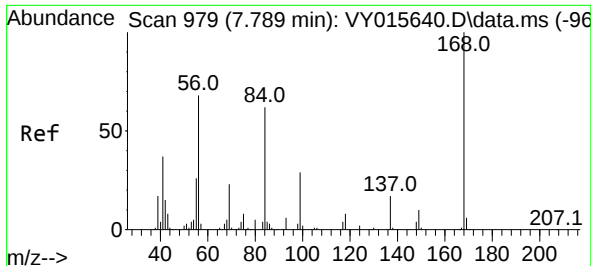
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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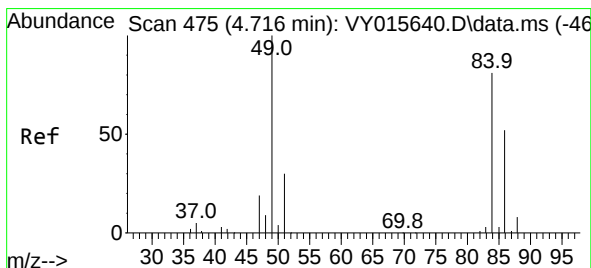
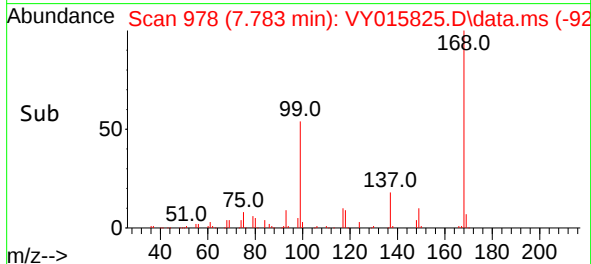
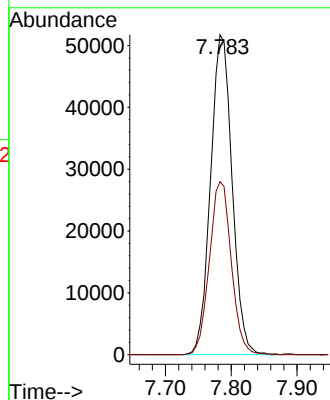
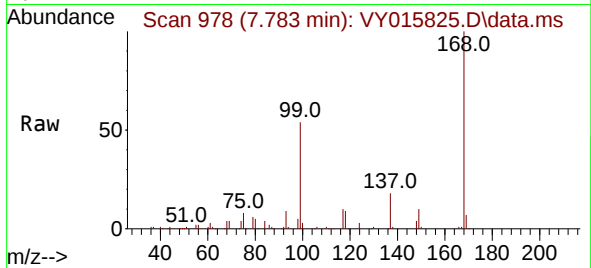




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015825.D
Acq: 04 Oct 2023 14:14

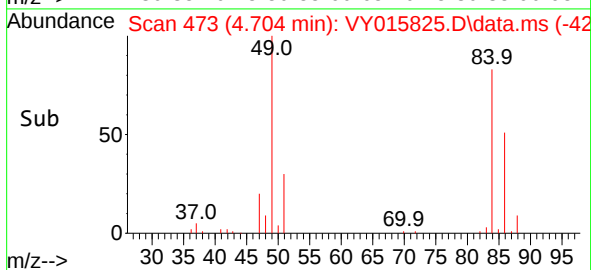
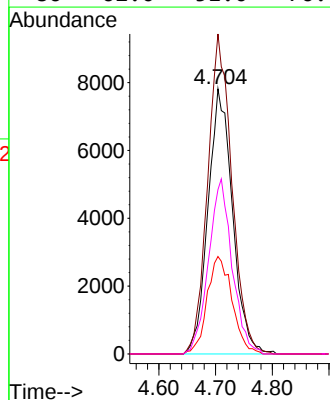
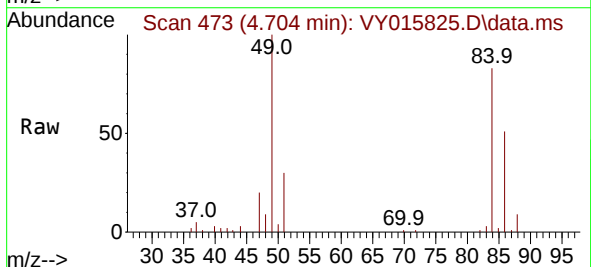
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-100223

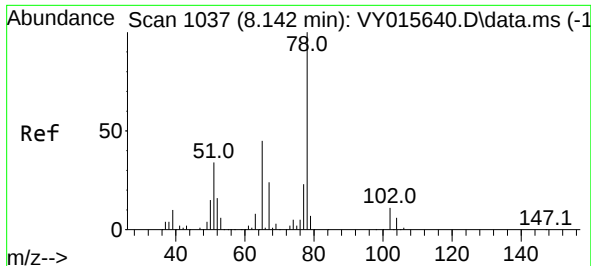
Tgt Ion:168 Resp: 118107
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#20
Methylene Chloride
Concen: 11.670 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015825.D
Acq: 04 Oct 2023 14:14

Tgt Ion: 84 Resp: 23425
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 36.7 33.2 49.8
86 62.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 59.383 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015825.D

Acq: 04 Oct 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

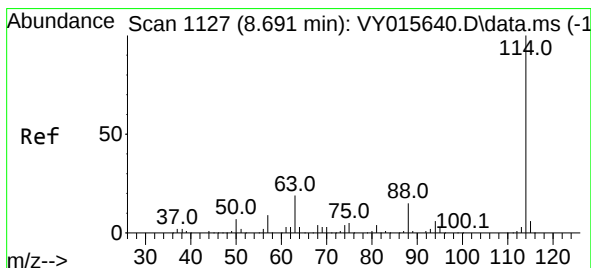
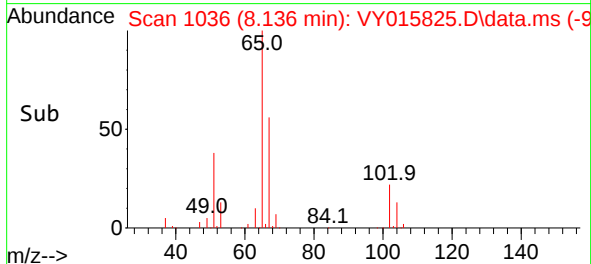
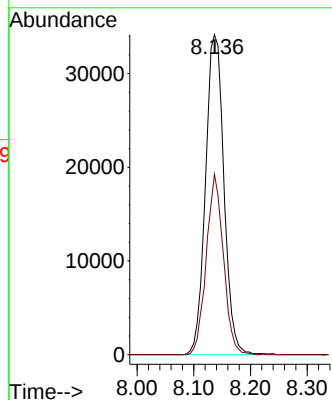
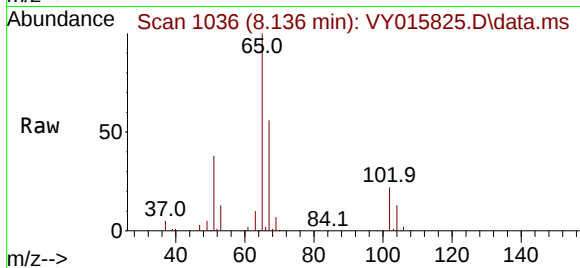
OK-02-100223

Tgt Ion: 65 Resp: 77169

Ion Ratio Lower Upper

65 100

67 52.3 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: VY015825.D

Acq: 04 Oct 2023 14:14

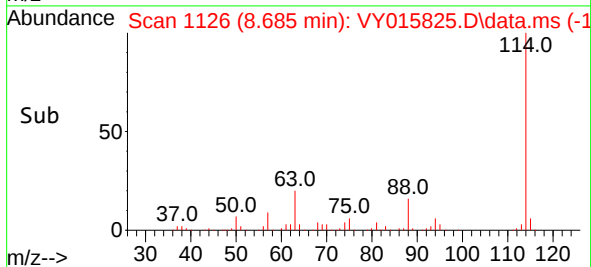
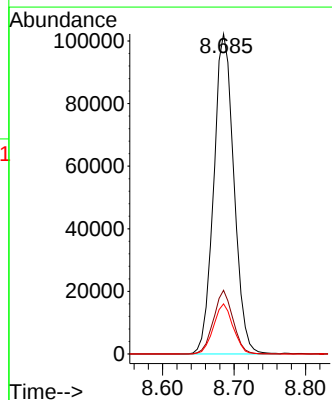
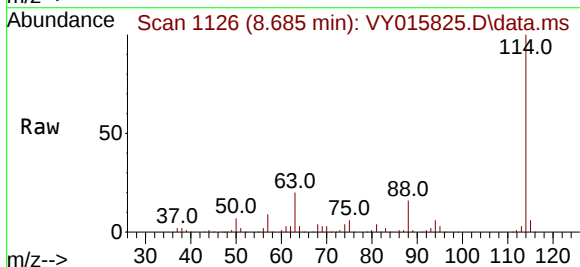
Tgt Ion: 114 Resp: 200118

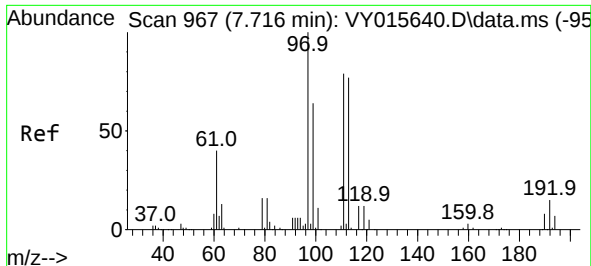
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.7 0.0 30.6

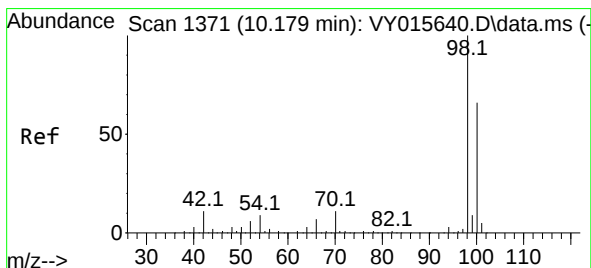
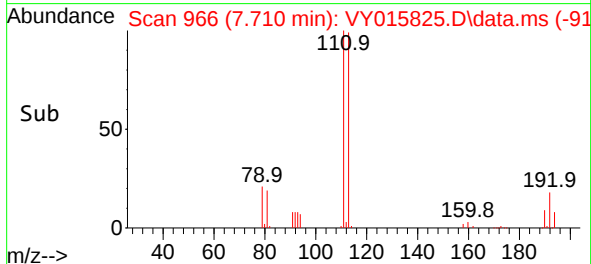
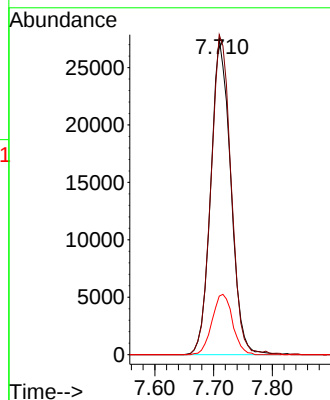
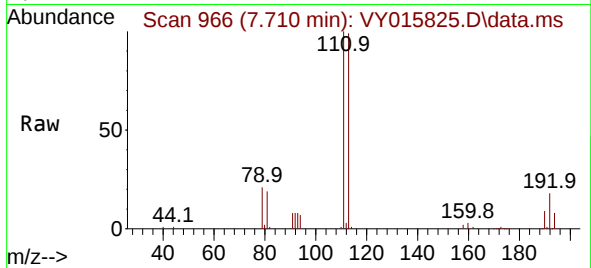




#35
Dibromofluoromethane
Concen: 54.054 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015825.D
Acq: 04 Oct 2023 14:14

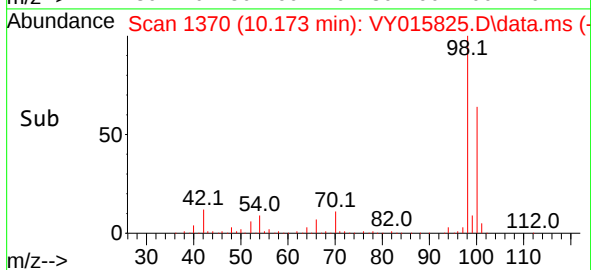
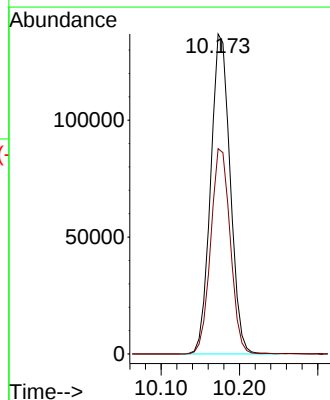
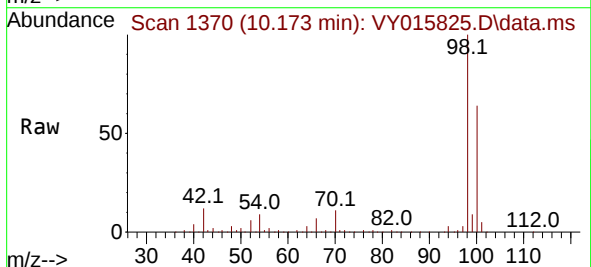
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-100223

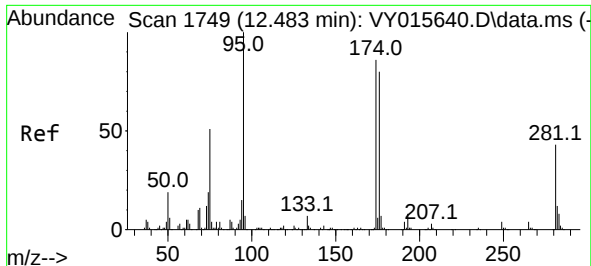
Tgt Ion:113 Resp: 64744
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 58.312 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015825.D
Acq: 04 Oct 2023 14:14

Tgt Ion: 98 Resp: 236818
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 51.115 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015825.D

Acq: 04 Oct 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-100223

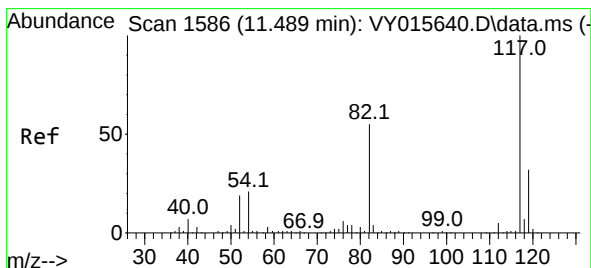
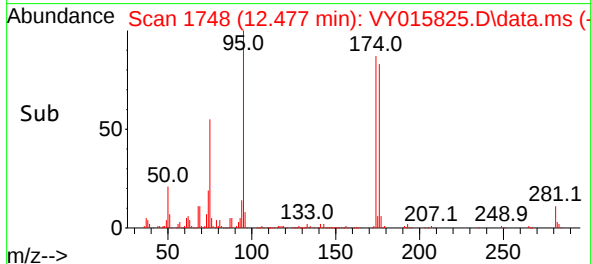
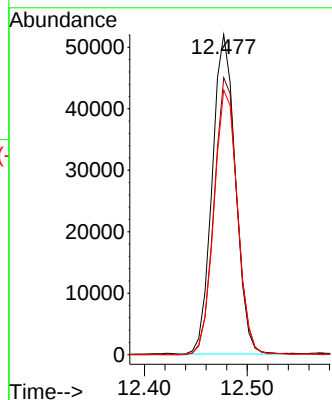
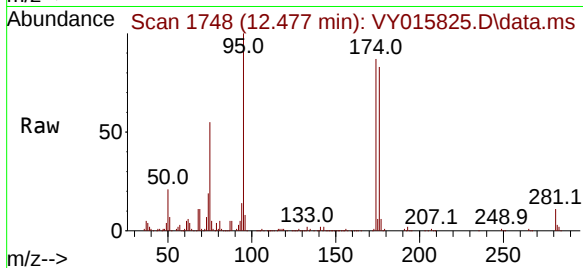
Tgt Ion: 95 Resp: 81465

Ion Ratio Lower Upper

95 100

174 86.9 0.0 178.2

176 84.0 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 1585

Delta R.T. -0.006 min

Lab File: VY015825.D

Acq: 04 Oct 2023 14:14

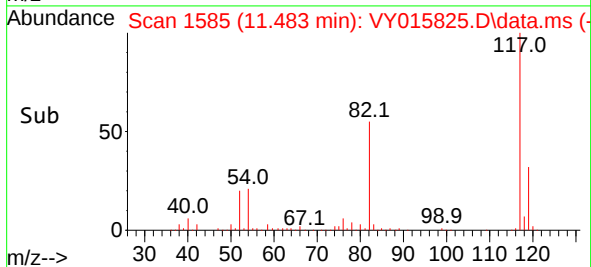
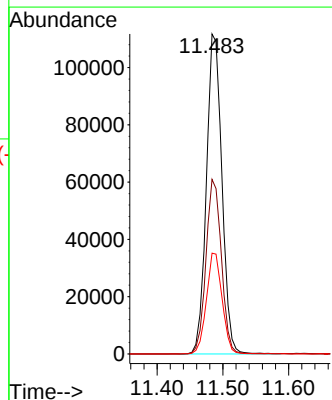
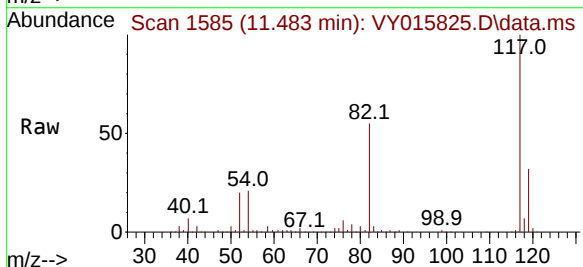
Tgt Ion: 117 Resp: 183494

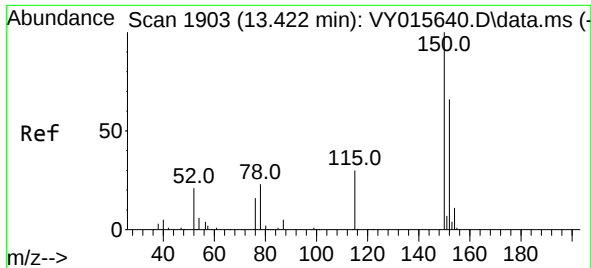
Ion Ratio Lower Upper

117 100

82 54.5 43.4 65.0

119 31.5 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: VY015825.D
 Acq: 04 Oct 2023 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-100223

Tgt Ion:152 Resp: 86285
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 155.8 0.0 348.8

