

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015152.D
 Acq On : 16 Aug 2023 16:05
 Operator : SY/MD
 Sample : 04020-01
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-2

Quant Time: Aug 17 05:30:47 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)

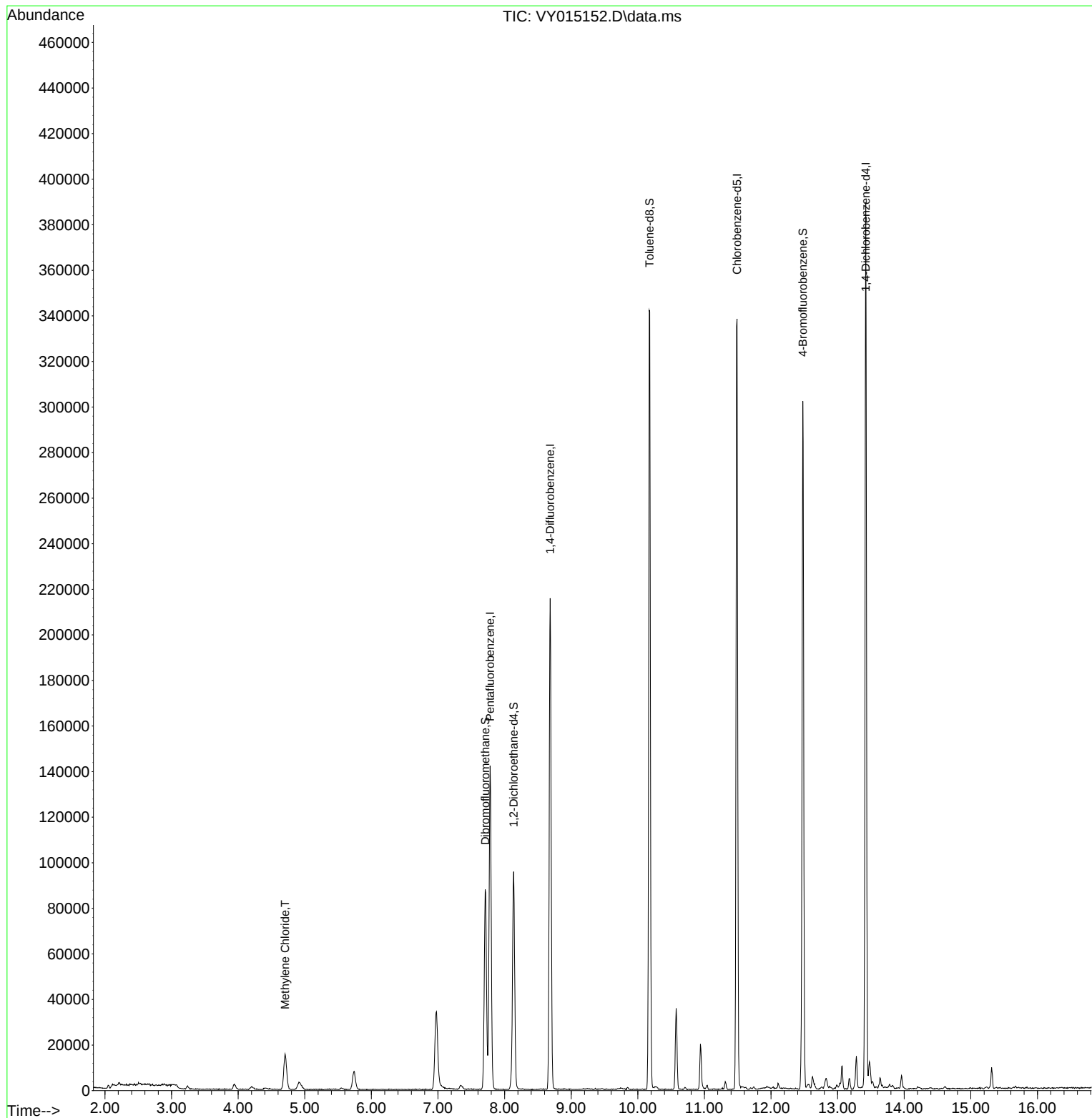
Internal Standards						
1) Pentafluorobenzene	7.783	168	107537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	188667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73138	56.657	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.320%
35) Dibromofluoromethane	7.710	113	61791	50.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.179	98	227722	50.400	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.477	95	84591	51.258	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.520%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.704	84	11721	7.960	ug/l	92

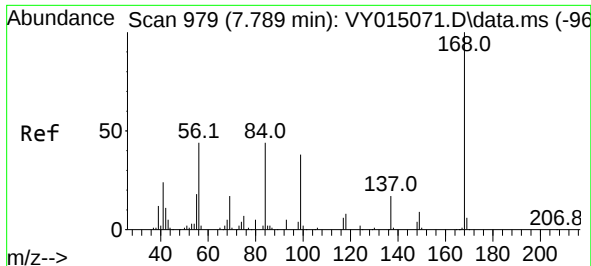
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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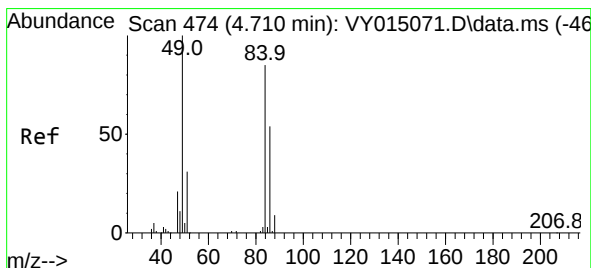
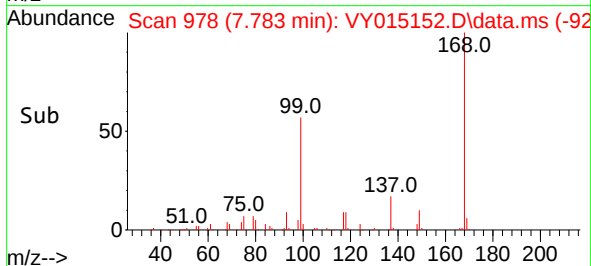
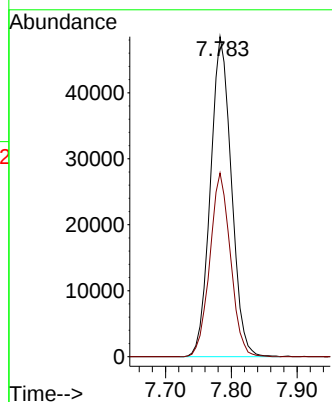
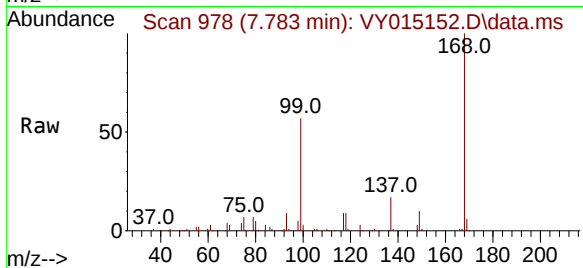




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

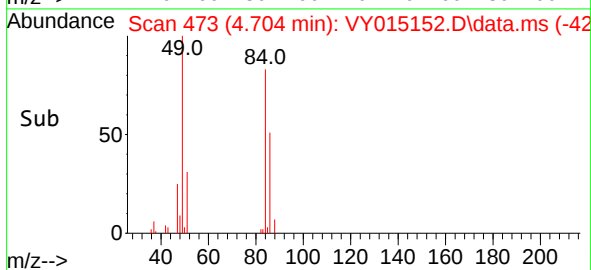
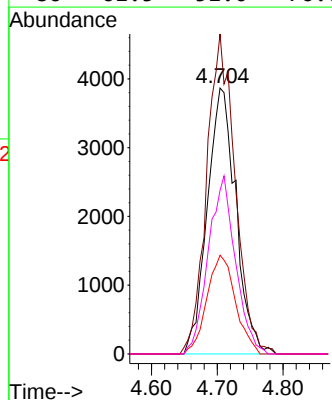
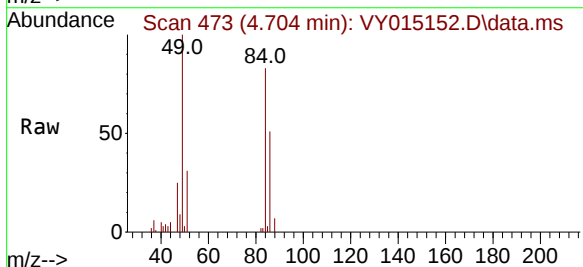
Instrument :
MSVOA_Y
ClientSampleId :
E-2

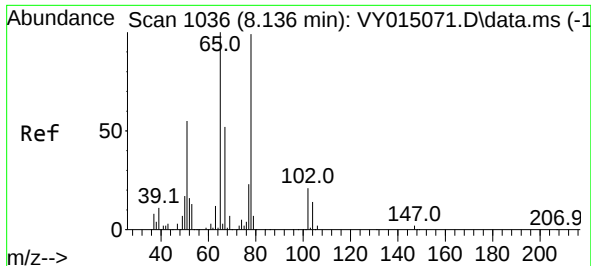
Tgt Ion:168 Resp: 107537
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#20
Methylene Chloride
Concen: 7.960 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

Tgt Ion: 84 Resp: 11721
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 37.1 33.2 49.8
86 61.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.657 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015152.D

Acq: 16 Aug 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

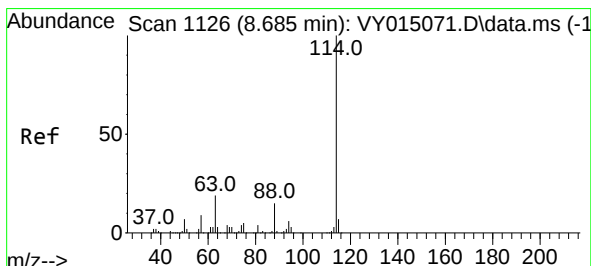
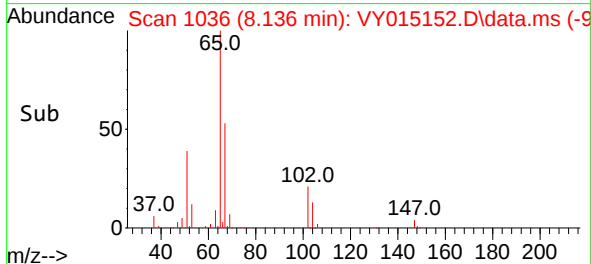
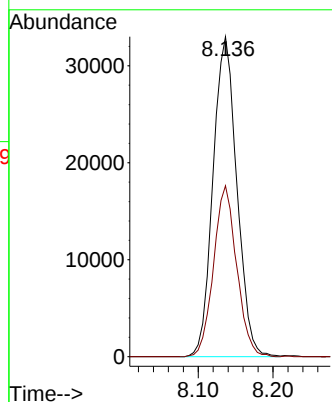
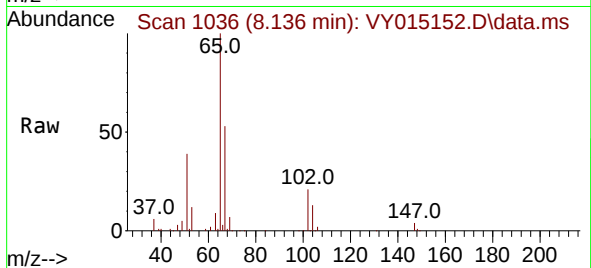
E-2

Tgt Ion: 65 Resp: 73138

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: VY015152.D

Acq: 16 Aug 2023 16:05

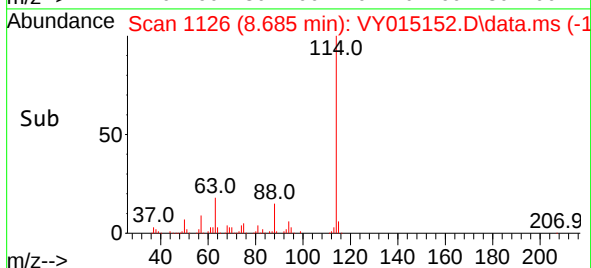
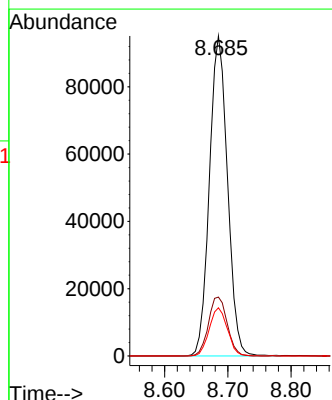
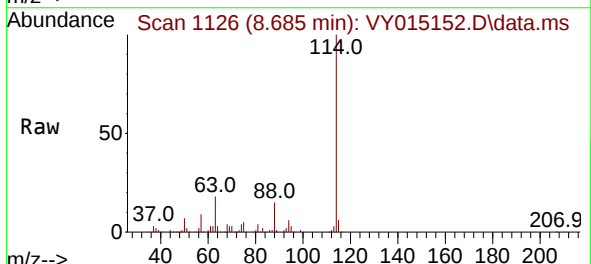
Tgt Ion: 114 Resp: 188667

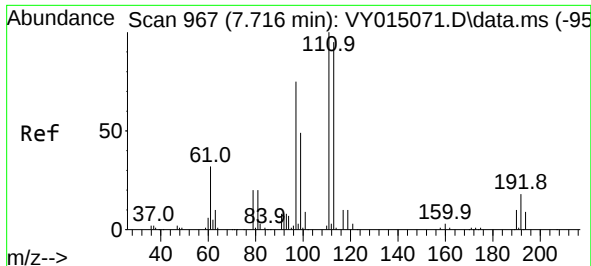
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.1 0.0 30.6

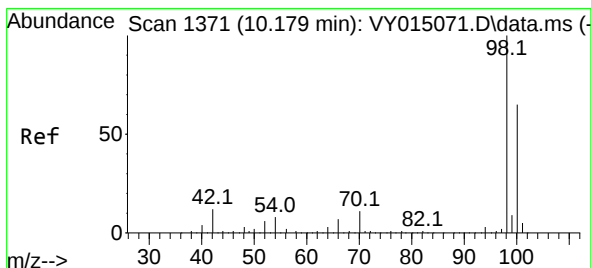
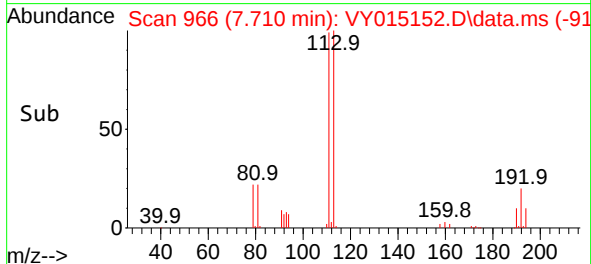
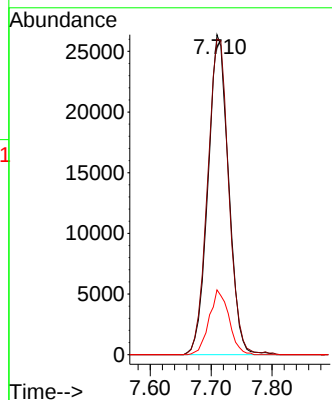
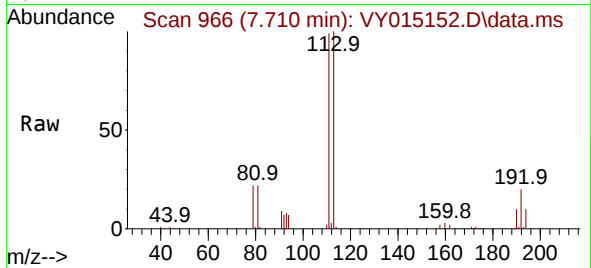




#35
Dibromofluoromethane
Concen: 50.909 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

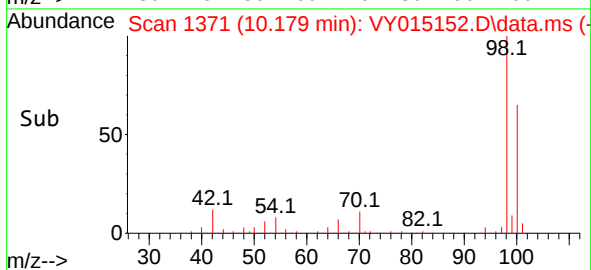
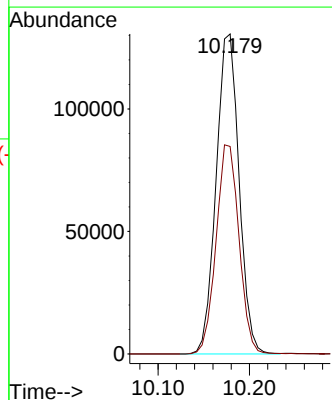
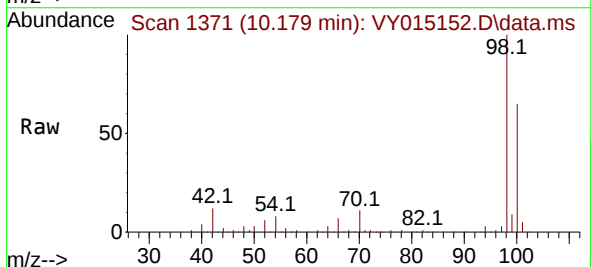
Instrument :
MSVOA_Y
ClientSampleId :
E-2

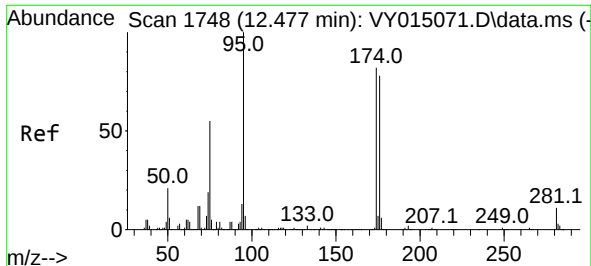
Tgt Ion:113 Resp: 61791
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.5 16.9 25.3



#50
Toluene-d8
Concen: 50.400 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

Tgt Ion: 98 Resp: 227722
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

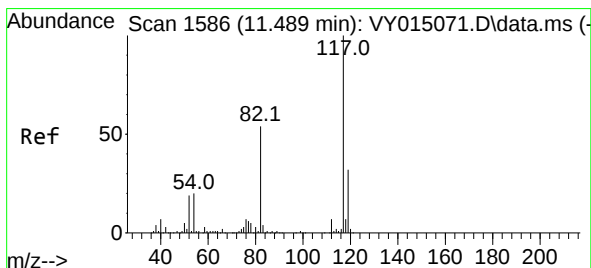
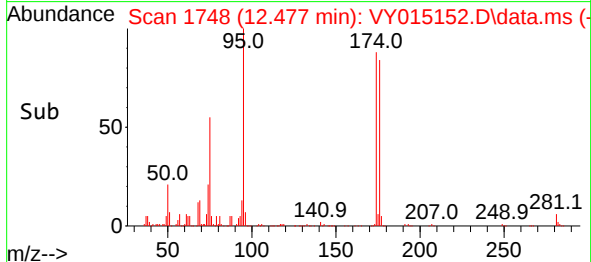
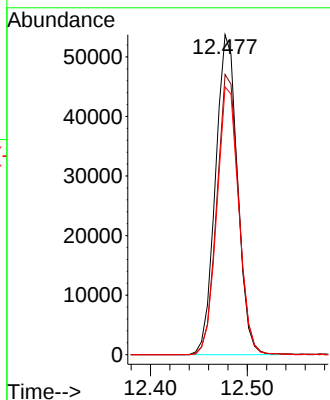
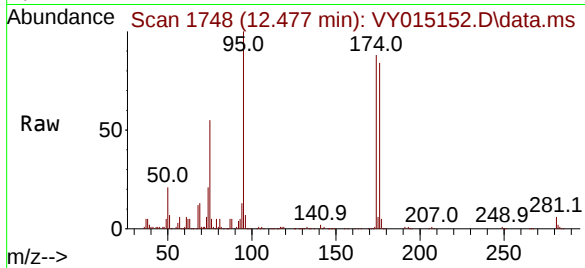




#62
4-Bromofluorobenzene
Concen: 51.258 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

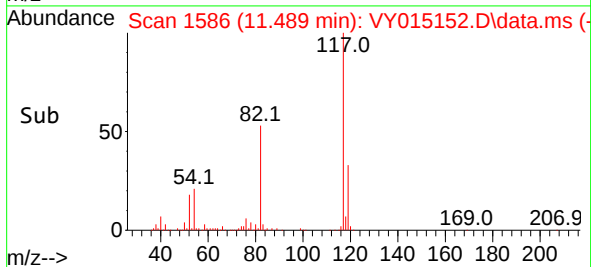
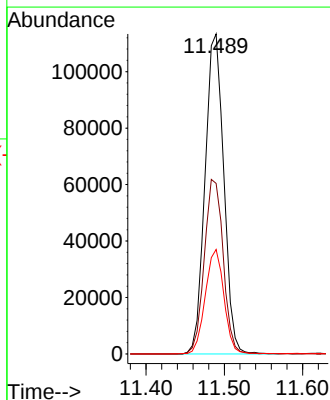
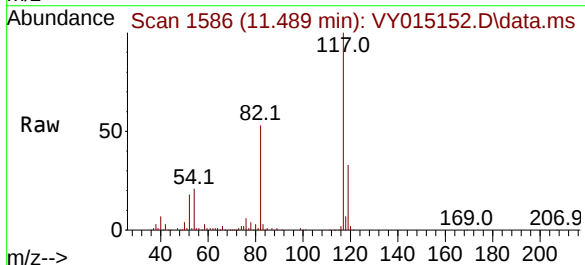
Instrument :
MSVOA_Y
ClientSampleId :
E-2

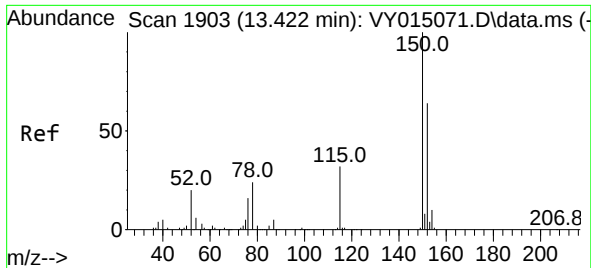
Tgt Ion: 95 Resp: 84591
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015152.D
Acq: 16 Aug 2023 16:05

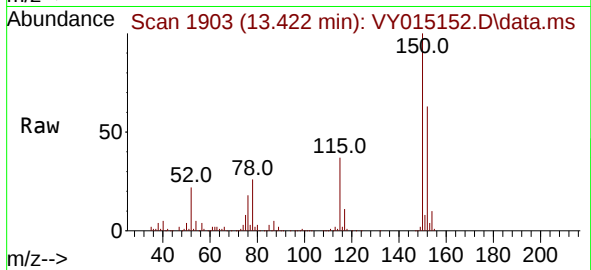
Tgt Ion: 117 Resp: 188017
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.6 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015152.D
 Acq: 16 Aug 2023 16:05

Instrument :
 MSVOA_Y
 ClientSampleId :
 E-2



Tgt Ion:	152	Resp:	97072
Ion Ratio	Lower	Upper	
152	100		
115	57.0	28.8	86.5
150	155.4	0.0	348.8

