

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011785.D
 Acq On : 13 Dec 2022 12:02
 Operator : KP/MD
 Sample : N6022-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-121222

Quant Time: Dec 13 22:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

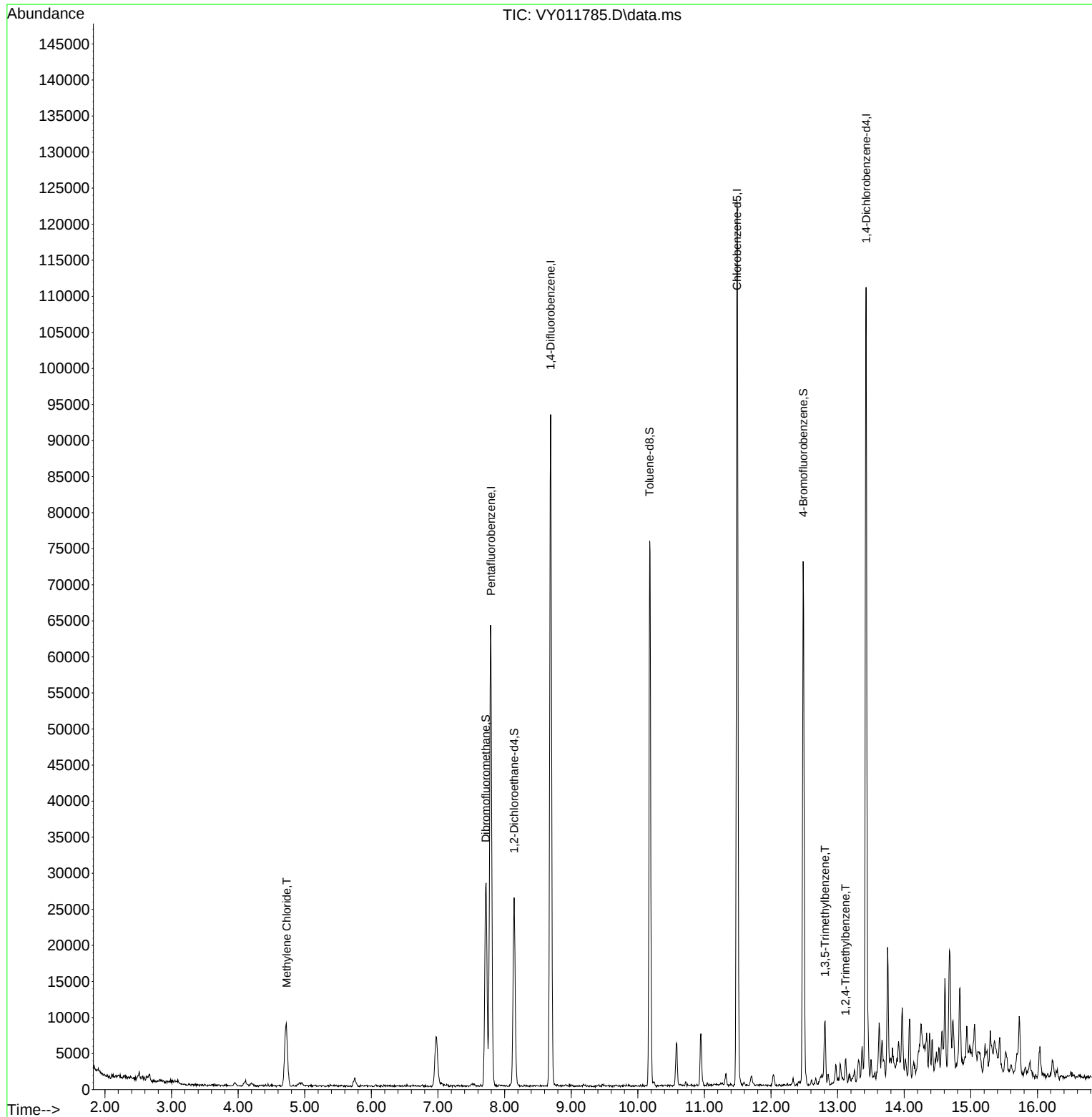
Internal Standards						
1) Pentafluorobenzene	7.795	168	50118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	81002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	70317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	28849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	20692	61.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.240%	
35) Dibromofluoromethane	7.716	113	20022	56.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.220%	
50) Toluene-d8	10.179	98	51255	42.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 84.860%	
62) 4-Bromofluorobenzene	12.483	95	18764	38.945	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.880%	
Target Compounds						Qvalue
20) Methylene Chloride	4.729	84	6670	8.858	ug/l	86
80) 1,3,5-Trimethylbenzene	12.812	105	1632	1.033	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	1938	1.246	ug/l	95

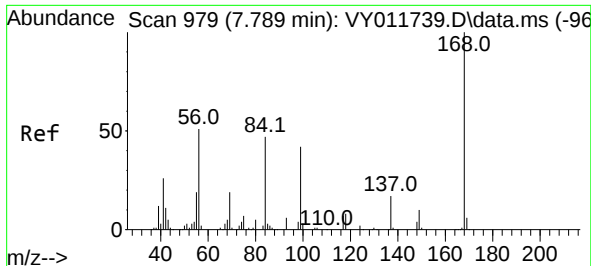
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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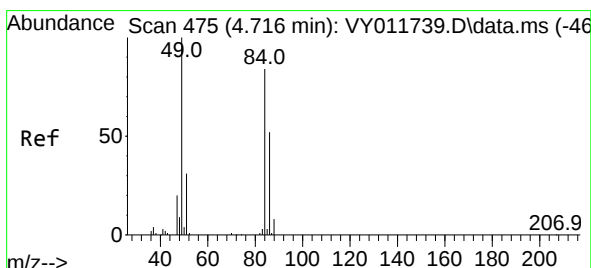
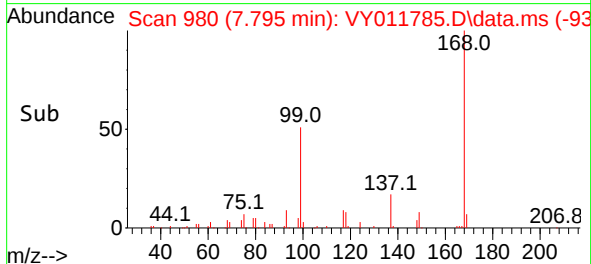
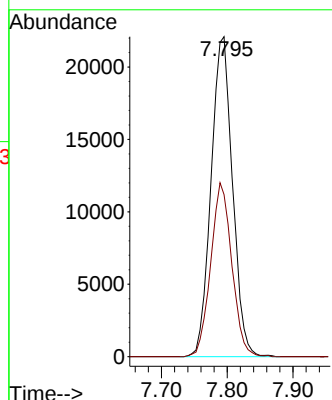
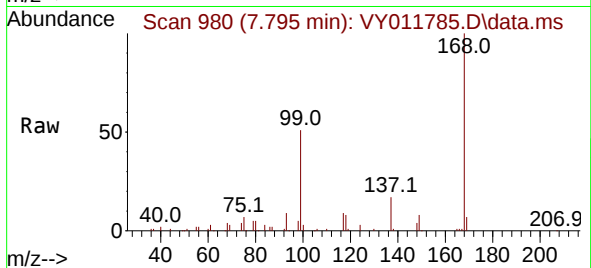




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011785.D
Acq: 13 Dec 2022 12:02

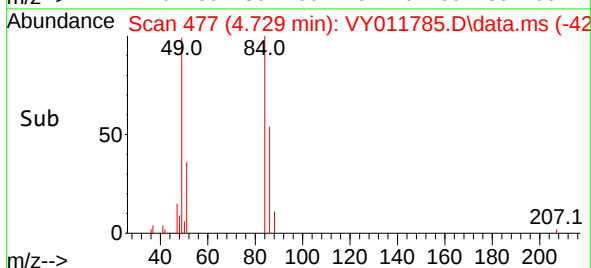
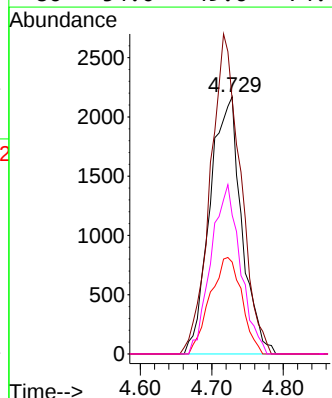
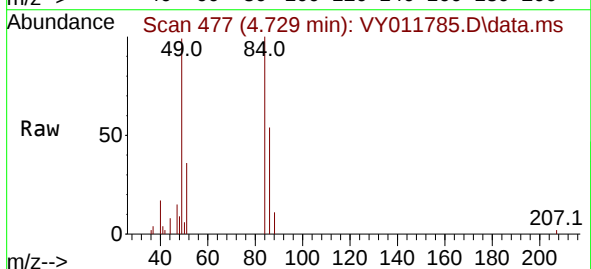
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-121222

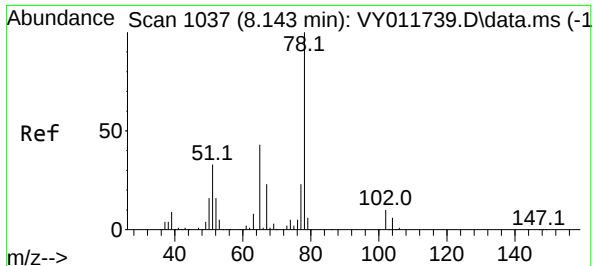
Tgt Ion:168 Resp: 50118
Ion Ratio Lower Upper
168 100
99 50.6 44.0 66.0



#20
Methylene Chloride
Concen: 8.858 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY011785.D
Acq: 13 Dec 2022 12:02

Tgt Ion: 84 Resp: 6670
Ion Ratio Lower Upper
84 100
49 98.8 95.4 143.2
51 35.7 29.9 44.9
86 54.0 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 61.617 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011785.D

Acq: 13 Dec 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

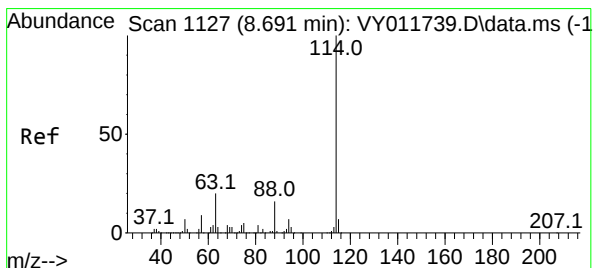
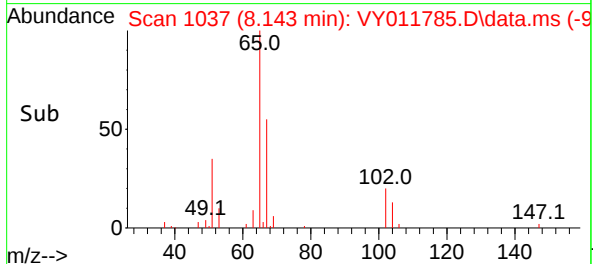
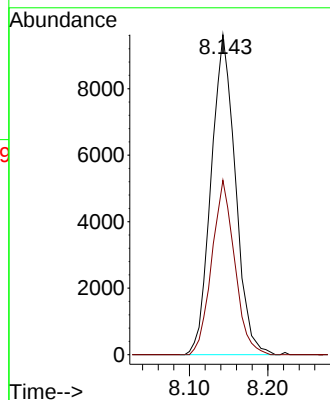
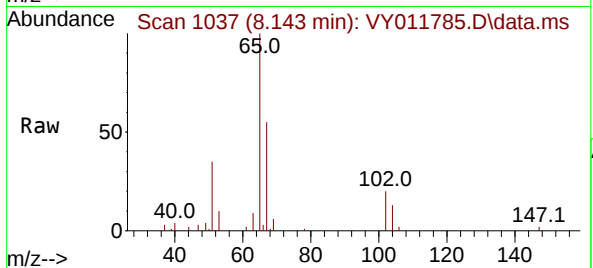
EO-01-121222

Tgt Ion: 65 Resp: 20692

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011785.D

Acq: 13 Dec 2022 12:02

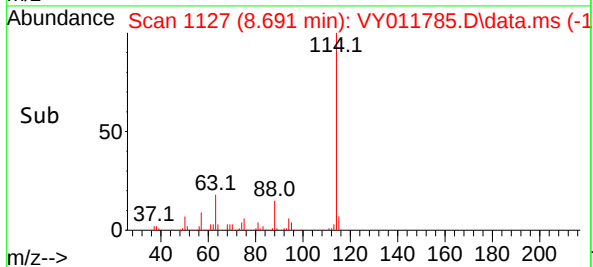
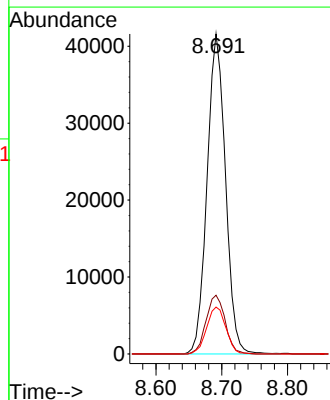
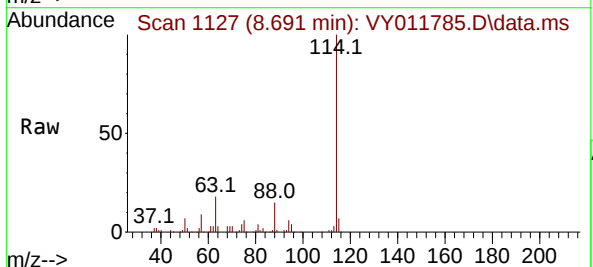
Tgt Ion: 114 Resp: 81002

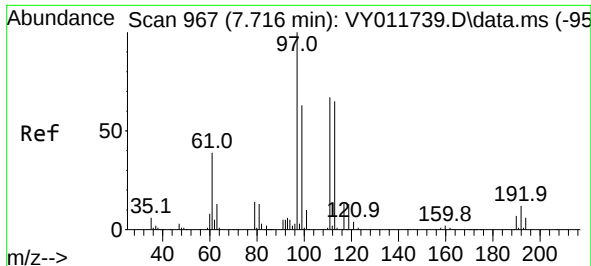
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.6 0.0 32.2





#35

Dibromofluoromethane

Concen: 56.109 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY011785.D

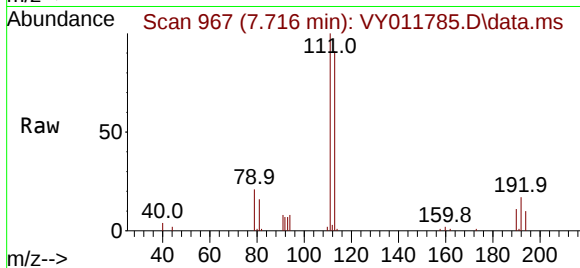
Acq: 13 Dec 2022 12:02

Instrument :

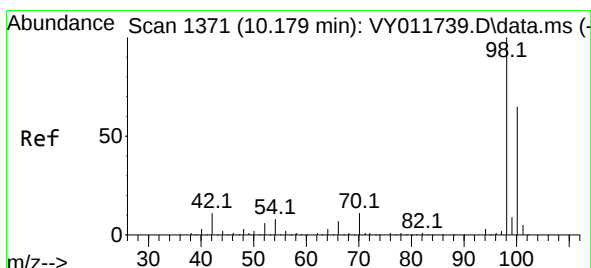
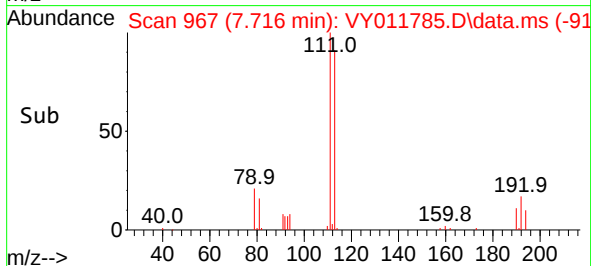
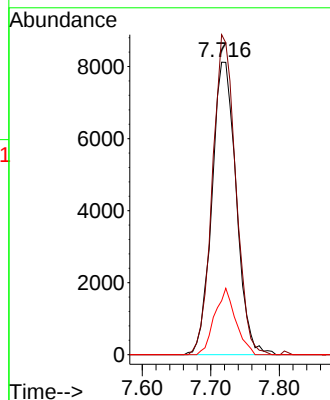
MSVOA_Y

ClientSampleId :

EO-01-121222



Tgt Ion:	113	Resp:	20022
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.0	124.4
192	19.6	16.0	24.0



#50

Toluene-d8

Concen: 42.435 ug/l

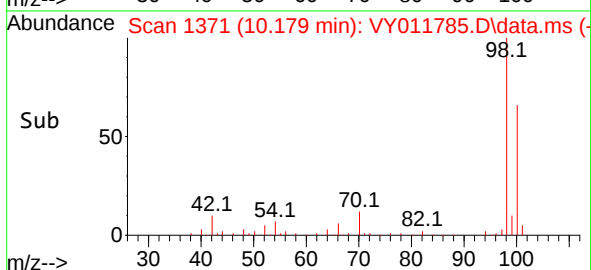
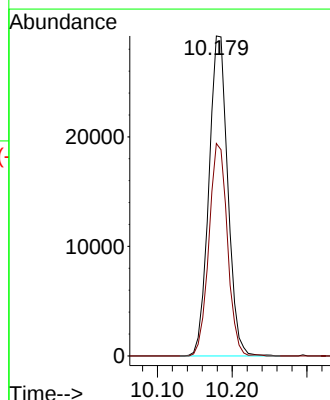
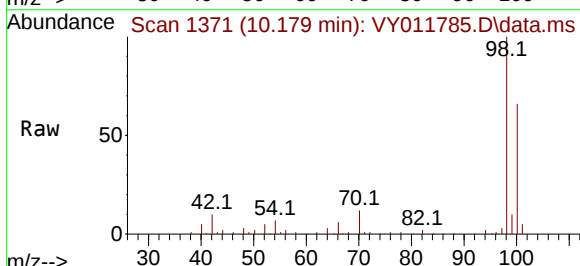
RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011785.D

Acq: 13 Dec 2022 12:02

Tgt Ion:	98	Resp:	51255
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

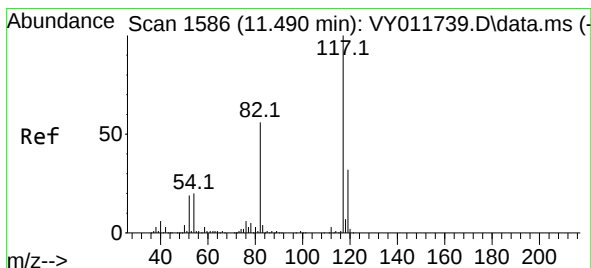
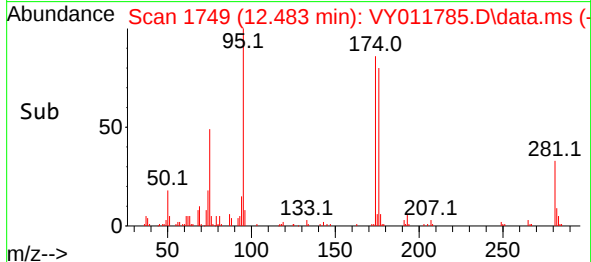
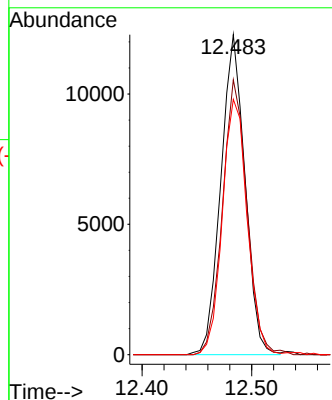
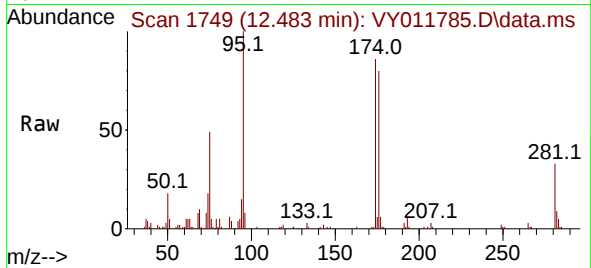




#62
4-Bromofluorobenzene
Concen: 38.945 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011785.D
Acq: 13 Dec 2022 12:02

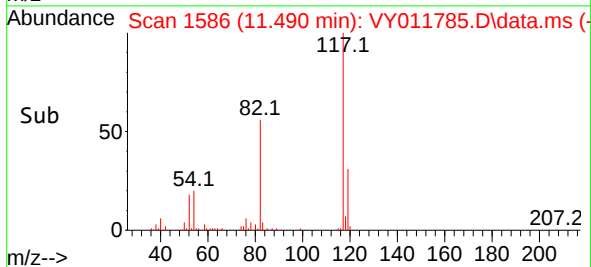
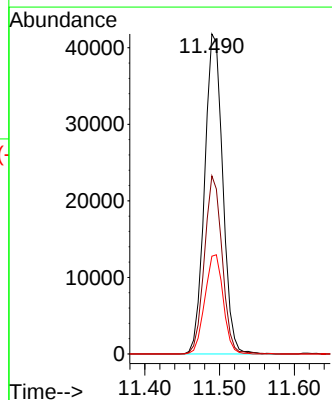
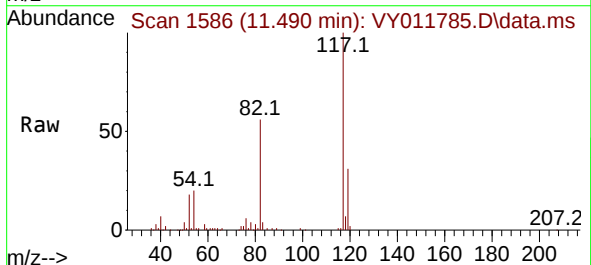
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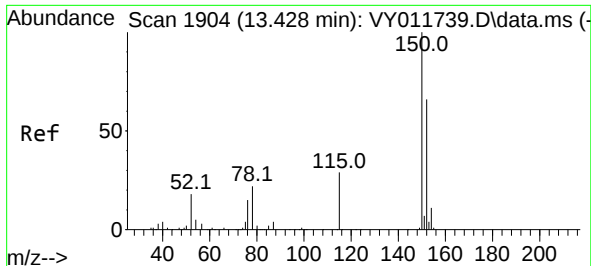
Tgt Ion: 95 Resp: 18764
Ion Ratio Lower Upper
95 100
174 87.6 0.0 172.0
176 82.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011785.D
Acq: 13 Dec 2022 12:02

Tgt Ion: 117 Resp: 70317
Ion Ratio Lower Upper
117 100
82 55.7 44.8 67.2
119 30.6 25.4 38.2

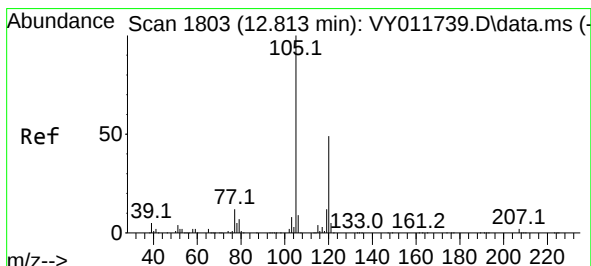
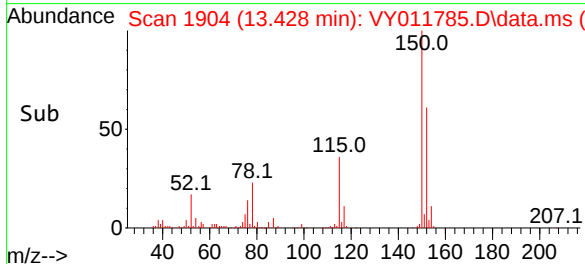
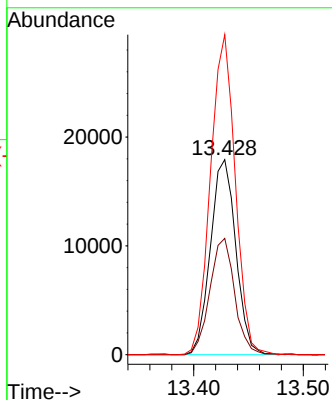
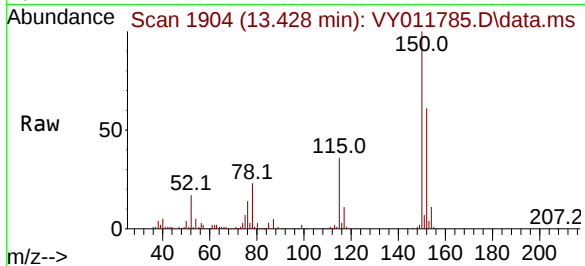




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011785.D
 Acq: 13 Dec 2022 12:02

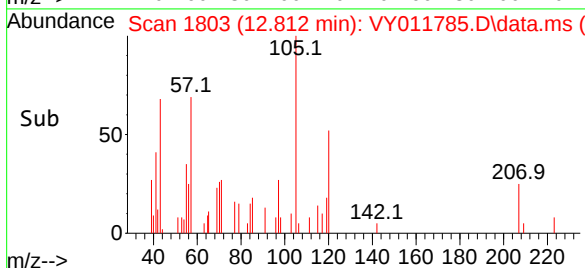
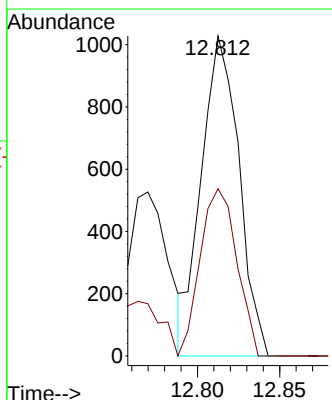
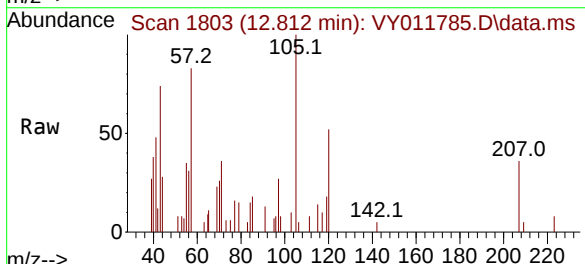
Instrument :
 MSVOA_Y
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 EO-01-121222

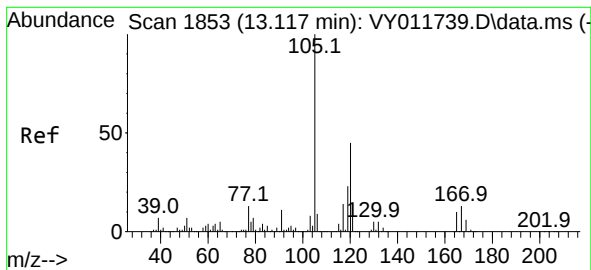
Tgt Ion:152 Resp: 28849
 Ion Ratio Lower Upper
 152 100
 115 58.3 29.1 87.3
 150 159.8 0.0 342.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.033 ug/l
 RT: 12.812 min Scan# 1803
 Delta R.T. -0.000 min
 Lab File: VY011785.D
 Acq: 13 Dec 2022 12:02

Tgt Ion:105 Resp: 1632
 Ion Ratio Lower Upper
 105 100
 120 50.9 24.2 72.6





#84

1,2,4-Trimethylbenzene

Concen: 1.246 ug/l

RT: 13.117 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY011785.D

Acq: 13 Dec 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-121222

Tgt Ion:105 Resp: 1938

Ion Ratio Lower Upper

105 100

120 48.8 22.9 68.7

