

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015923.D
 Acq On : 11 Oct 2023 14:58
 Operator : SY/MD
 Sample : 04800-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-100623

Quant Time: Oct 12 01:57:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

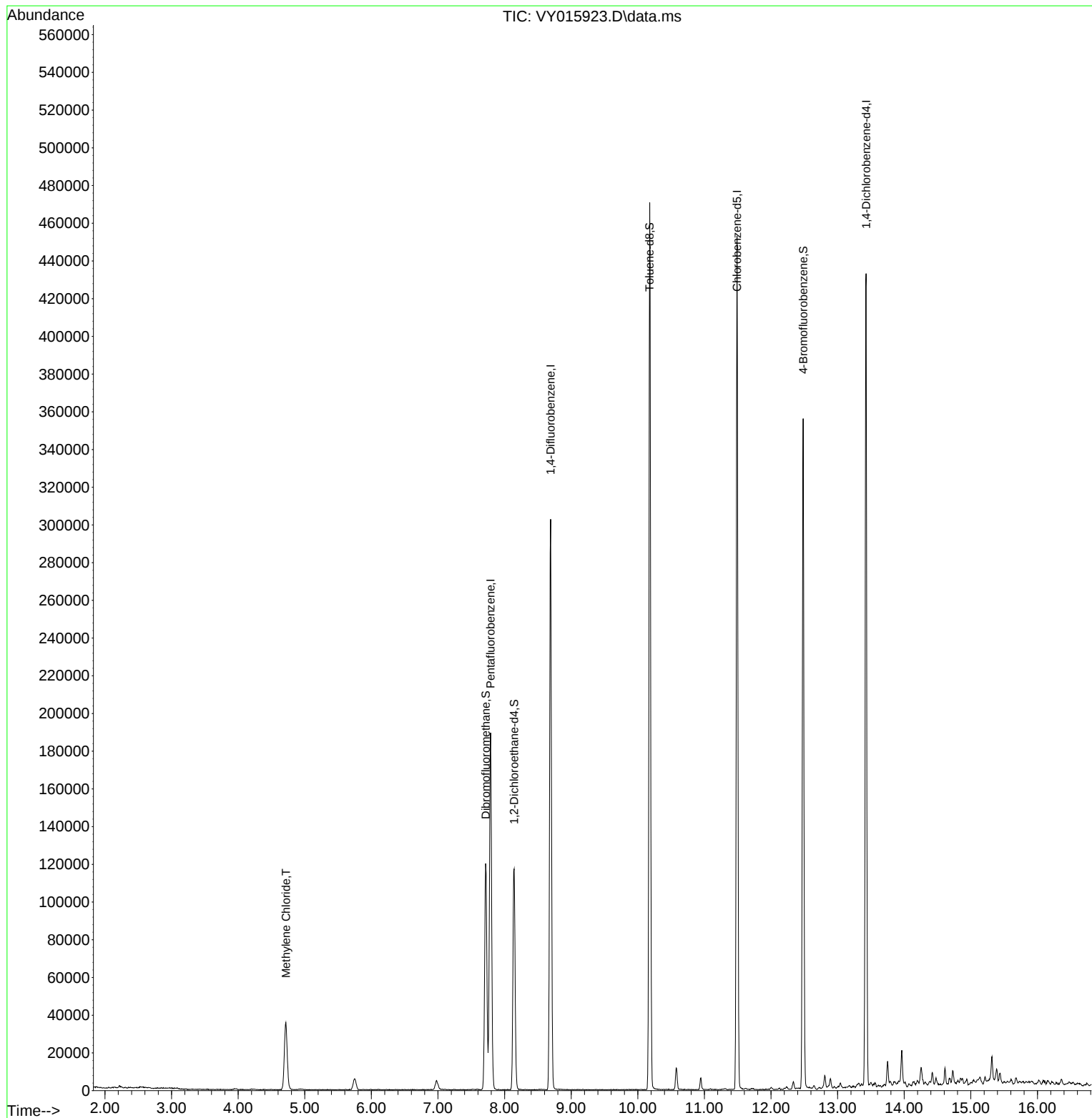
Internal Standards						
1) Pentafluorobenzene	7.789	168	148668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	93442	69.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.700%
35) Dibromofluoromethane	7.716	113	85948	58.698	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.400%
50) Toluene-d8	10.179	98	308583	63.945	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	127.900%
62) 4-Bromofluorobenzene	12.483	95	106554	54.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.720%
Target Compounds						Qvalue
20) Methylene Chloride	4.716	84	27388	12.641	ug/l #	84

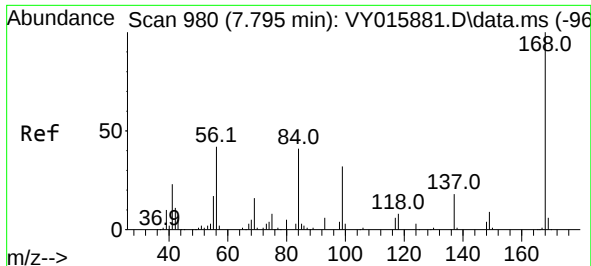
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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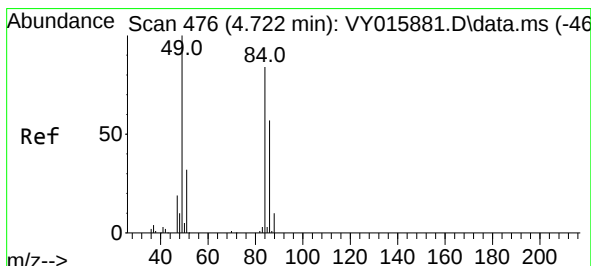
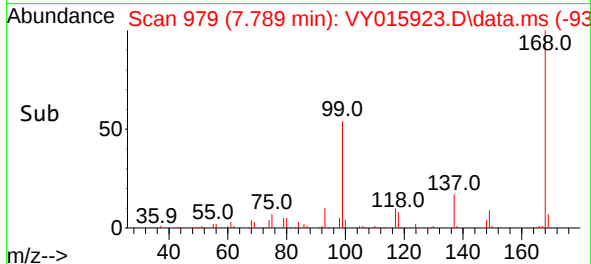
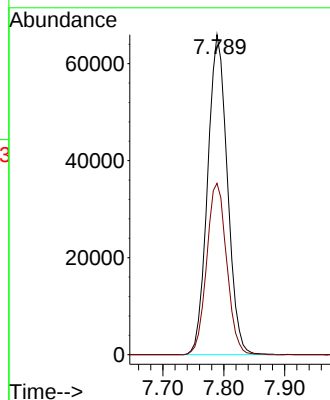
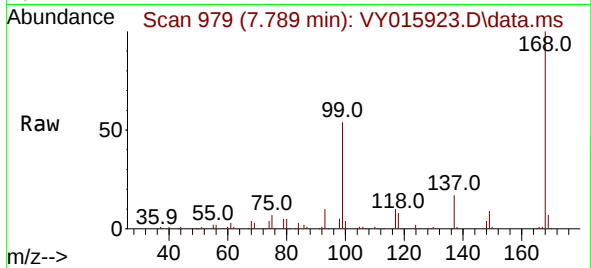




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

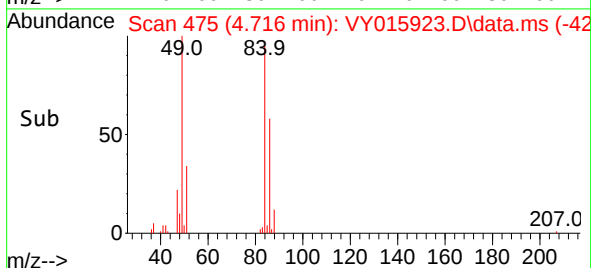
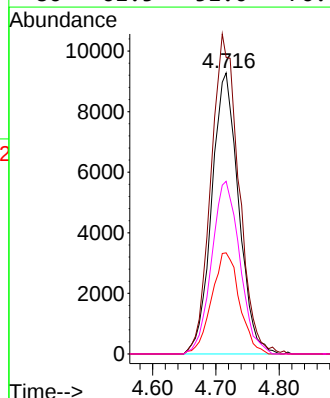
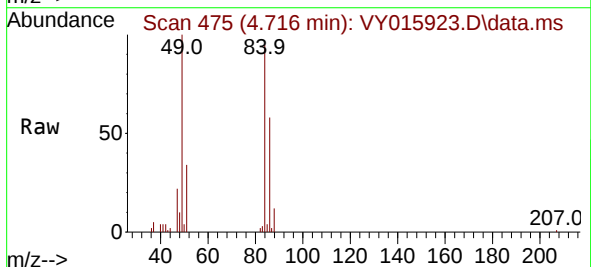
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-100623

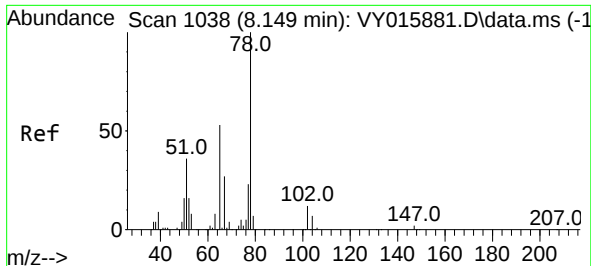
Tgt Ion:168 Resp: 148668
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#20
Methylene Chloride
Concen: 12.641 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

Tgt Ion: 84 Resp: 27388
Ion Ratio Lower Upper
84 100
49 105.6 106.9 160.3#
51 36.0 33.2 49.8
86 61.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.852 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015923.D

Acq: 11 Oct 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

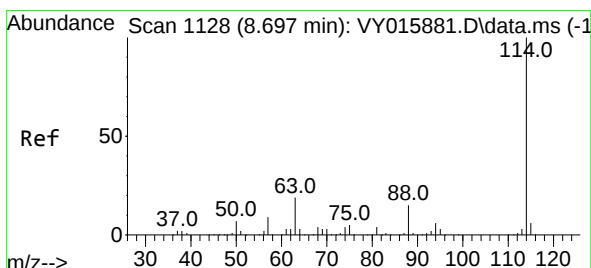
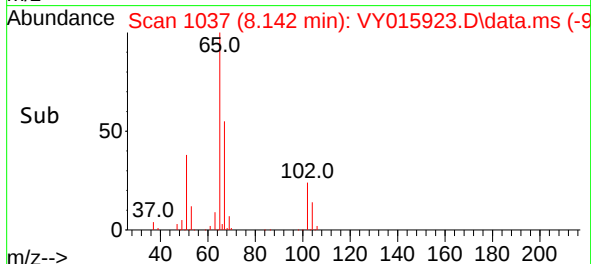
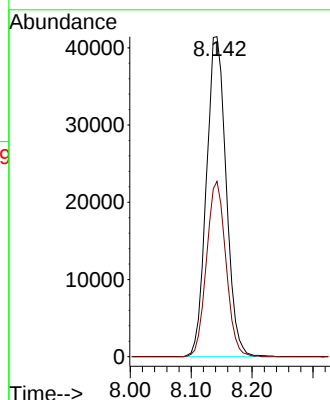
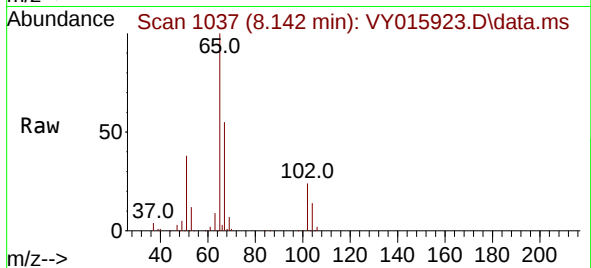
EO-01-100623

Tgt Ion: 65 Resp: 93442

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015923.D

Acq: 11 Oct 2023 14:58

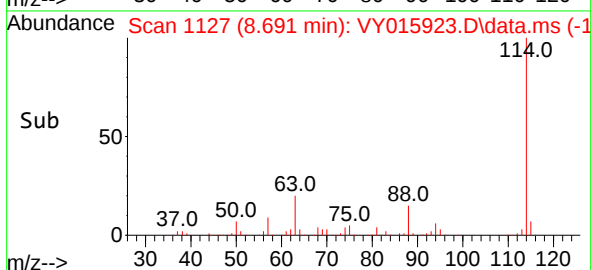
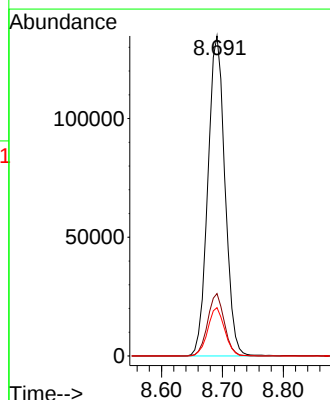
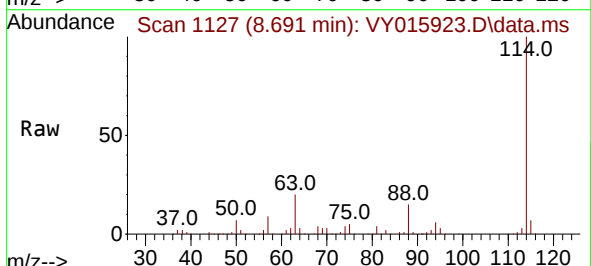
Tgt Ion: 114 Resp: 262515

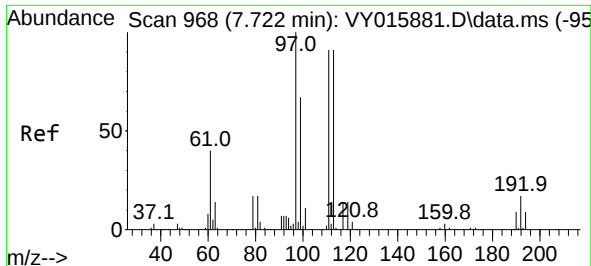
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 15.1 0.0 30.6

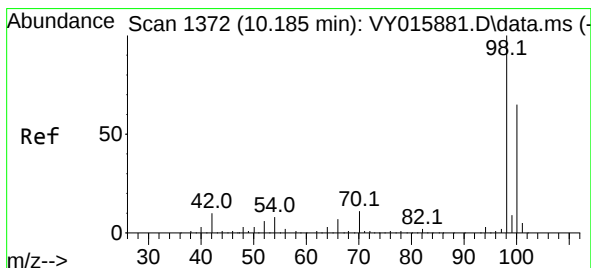
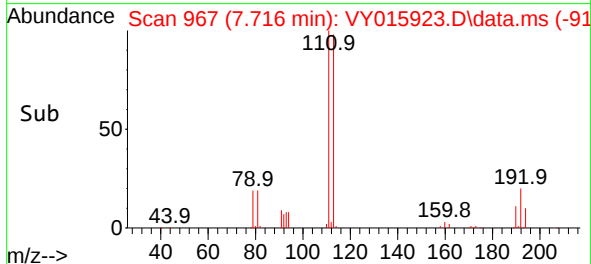
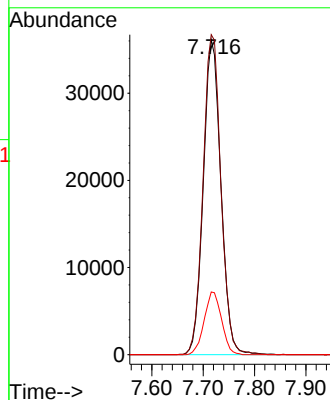
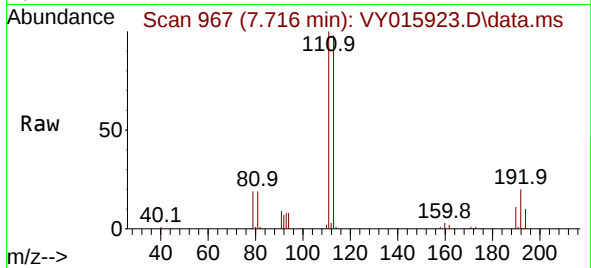




#35
Dibromofluoromethane
Concen: 58.698 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

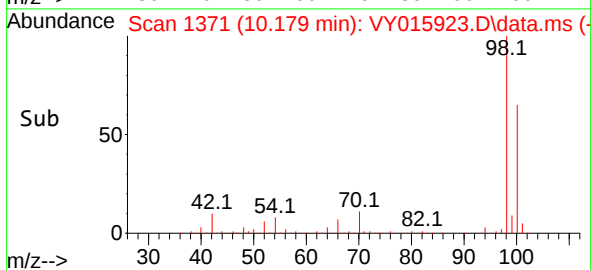
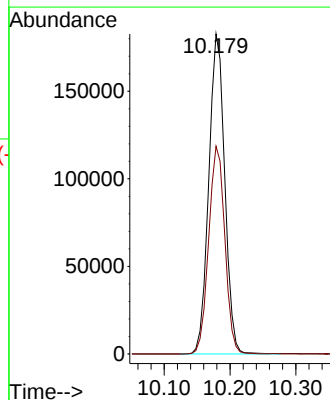
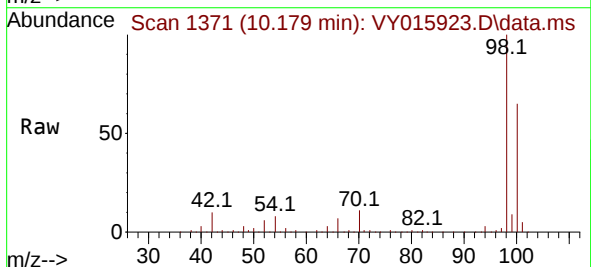
Instrument :
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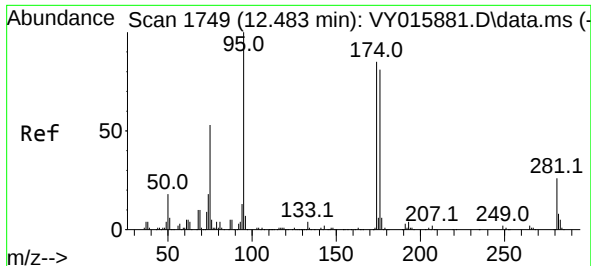
Tgt Ion:113 Resp: 85948
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 63.945 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

Tgt Ion: 98 Resp: 308583
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

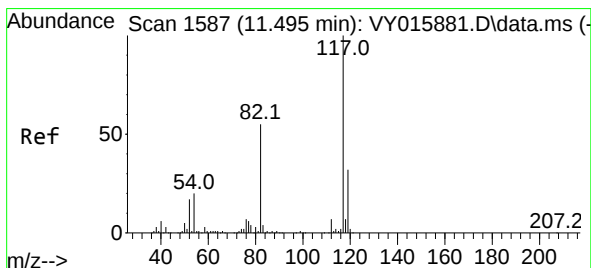
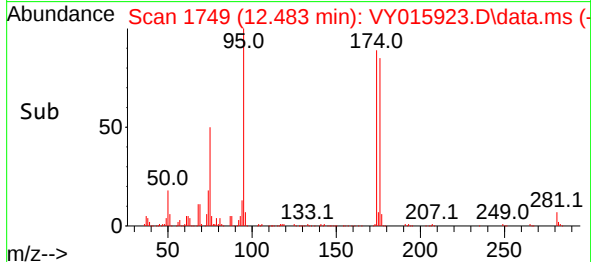
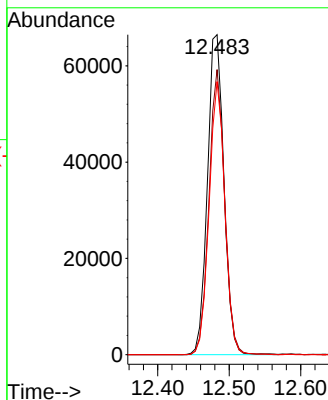
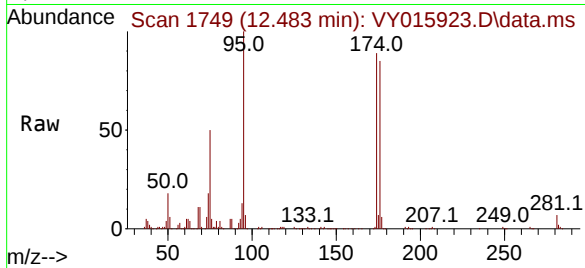




#62
4-Bromofluorobenzene
Concen: 54.362 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

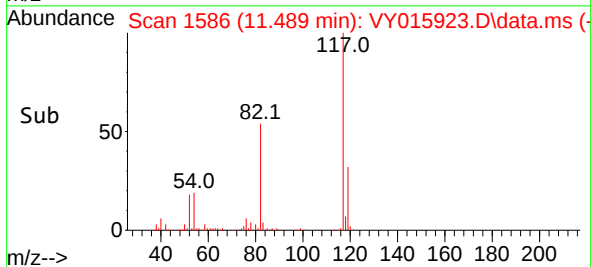
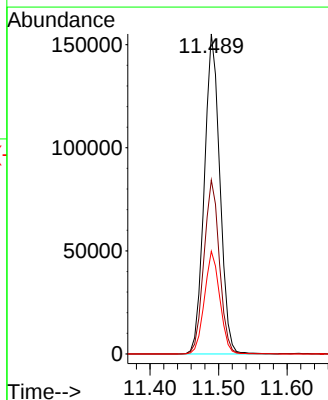
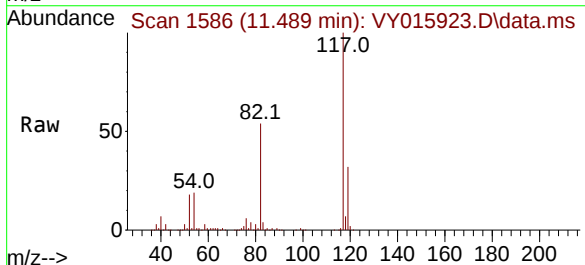
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-100623

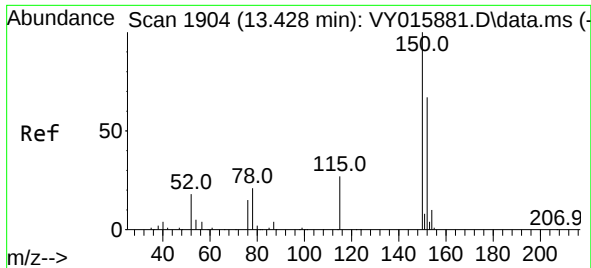
Tgt Ion: 95 Resp: 106554
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY015923.D
Acq: 11 Oct 2023 14:58

Tgt Ion: 117 Resp: 245189
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015923.D

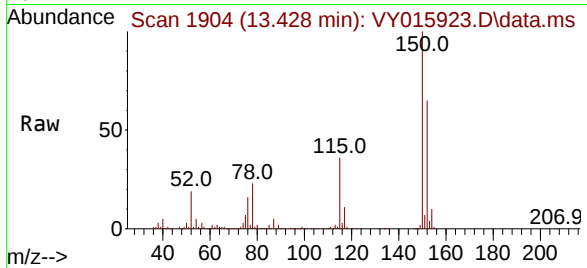
Acq: 11 Oct 2023 14:58

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-100623



Tgt Ion:152 Resp: 115453

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 154.5 0.0 348.8

