

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015294.D
 Acq On : 23 Aug 2023 20:30
 Operator : SY/MD
 Sample : 04116-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Aug 24 02:37:12 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)

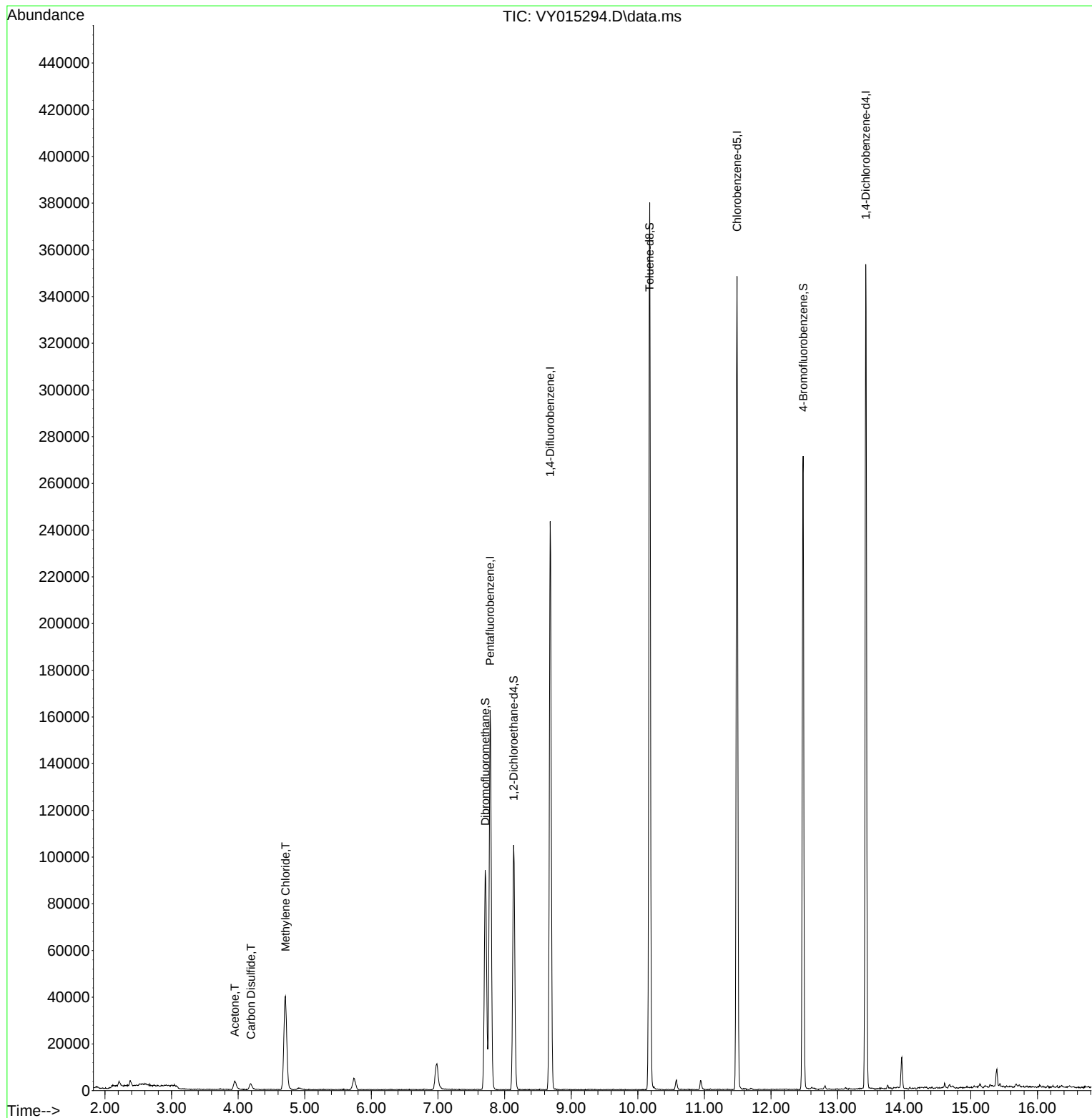
Internal Standards						
1) Pentafluorobenzene	7.783	168	124148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81705	54.825	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.660%			
35) Dibromofluoromethane	7.710	113	66039	49.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.880%			
50) Toluene-d8	10.179	98	244525	49.180	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.360%			
62) 4-Bromofluorobenzene	12.483	95	81851	45.072	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.140%			
Target Compounds					Qvalue	
16) Acetone	3.948	43	7143	14.672	ug/l	96
17) Carbon Disulfide	4.192	76	5062	3.330	ug/l #	92
20) Methylene Chloride	4.710	84	30398	23.775	ug/l	96

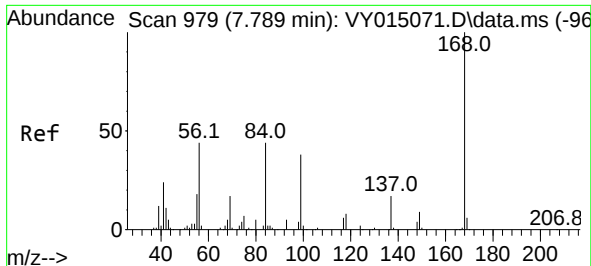
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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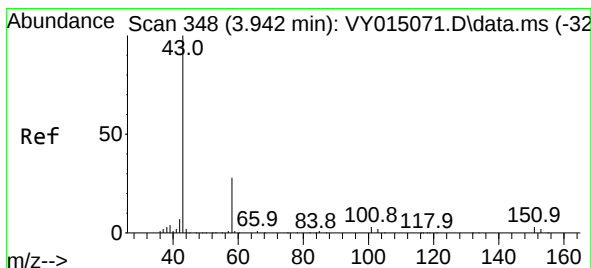
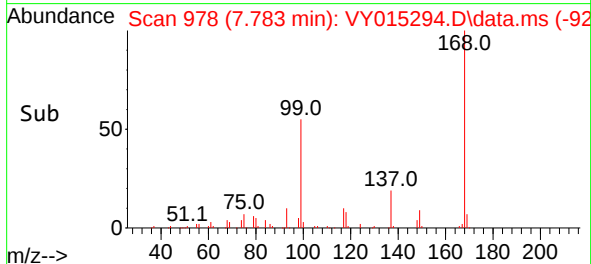
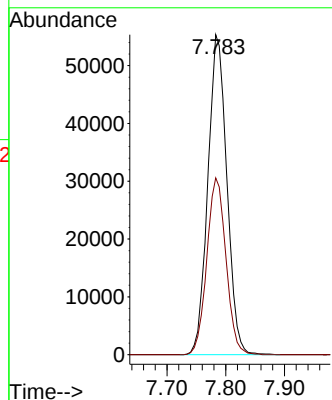
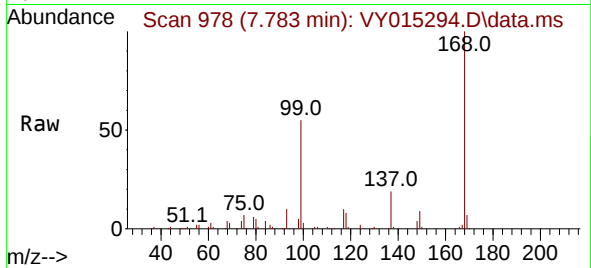




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

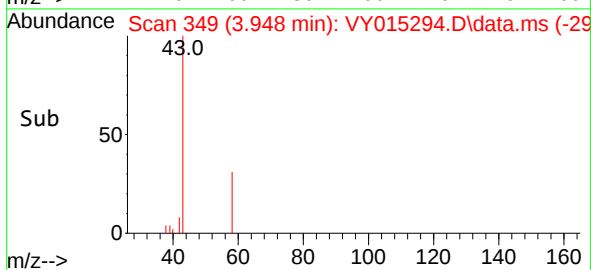
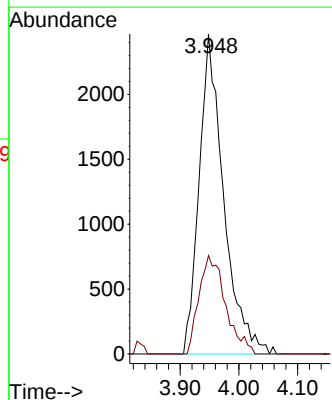
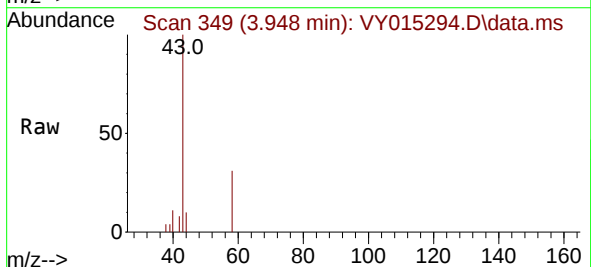
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

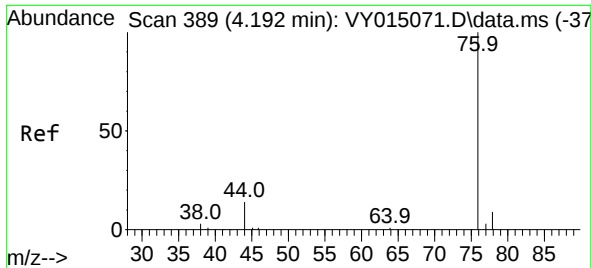
Tgt Ion:168 Resp: 124148
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 14.672 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

Tgt Ion: 43 Resp: 7143
Ion Ratio Lower Upper
43 100
58 30.7 22.7 34.1

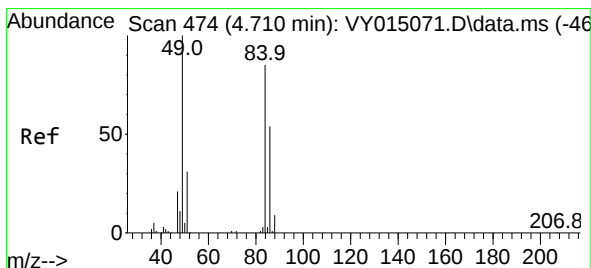
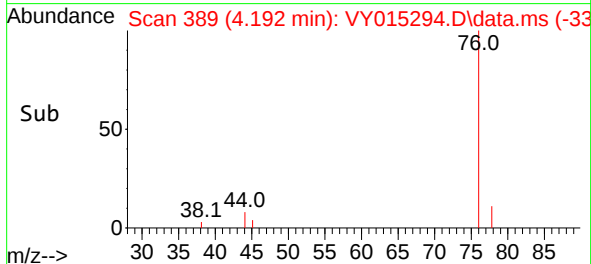
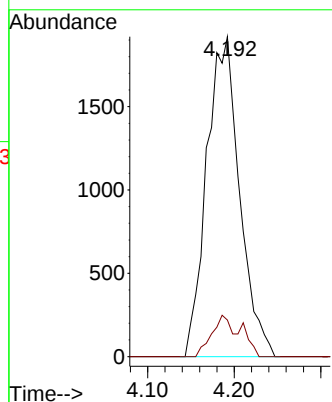
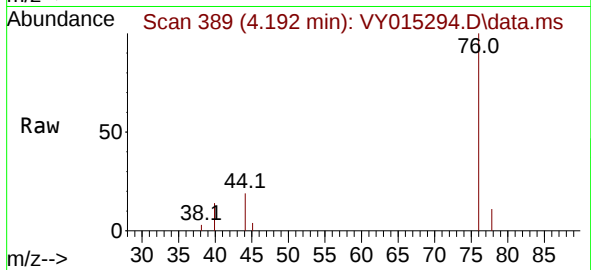




#17
Carbon Disulfide
Concen: 3.330 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

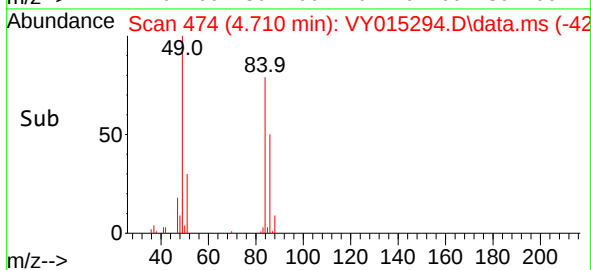
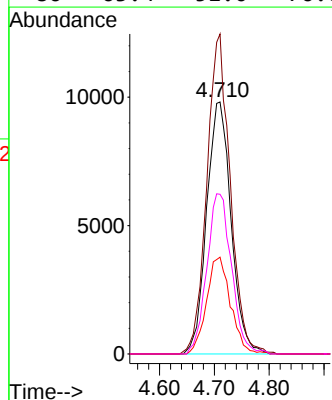
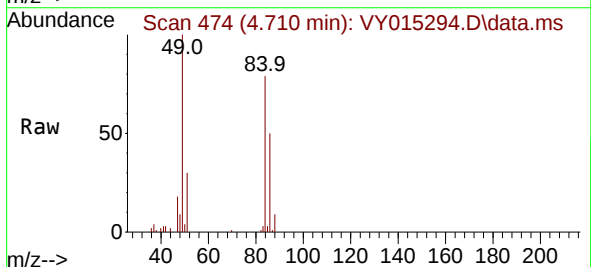
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

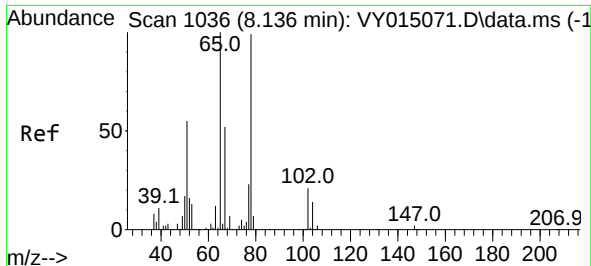
Tgt Ion: 76 Resp: 5062
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.4#



#20
Methylene Chloride
Concen: 23.775 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

Tgt Ion: 84 Resp: 30398
Ion Ratio Lower Upper
84 100
49 126.9 106.9 160.3
51 38.4 33.2 49.8
86 63.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.825 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015294.D

Acq: 23 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

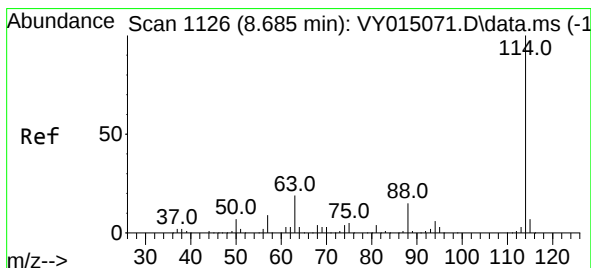
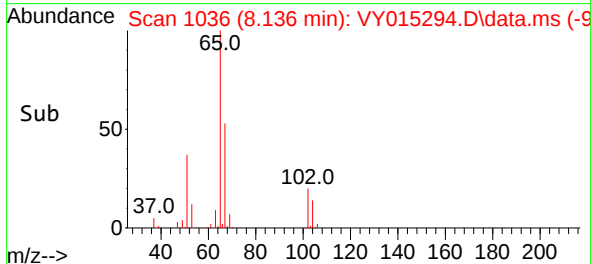
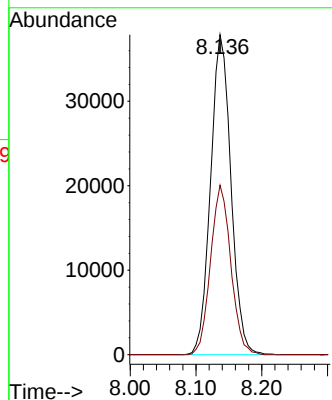
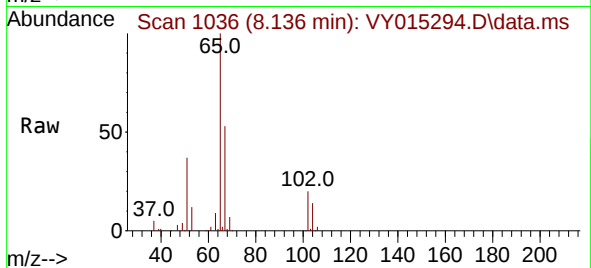
TP-2

Tgt Ion: 65 Resp: 81705

Ion Ratio Lower Upper

65 100

67 52.7 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: VY015294.D

Acq: 23 Aug 2023 20:30

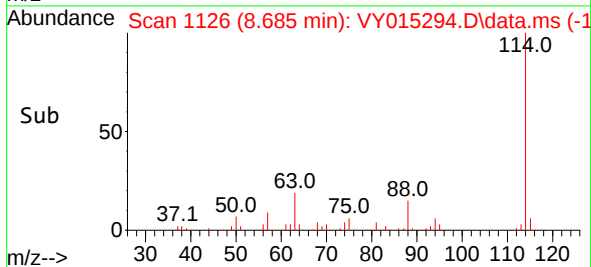
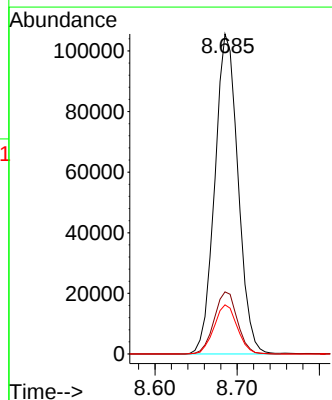
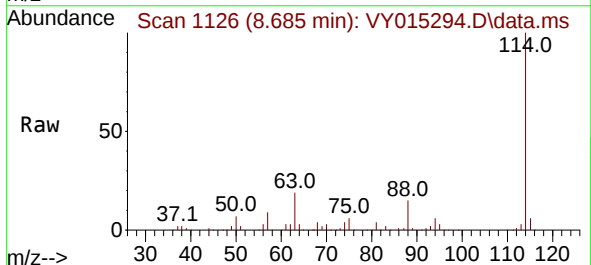
Tgt Ion: 114 Resp: 207612

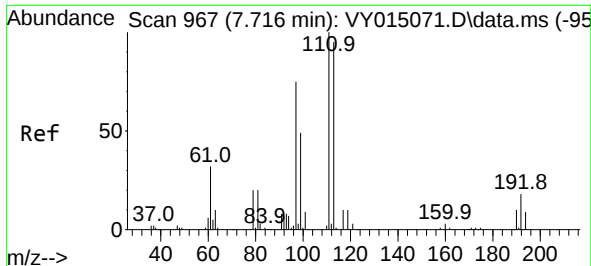
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.4 0.0 30.6

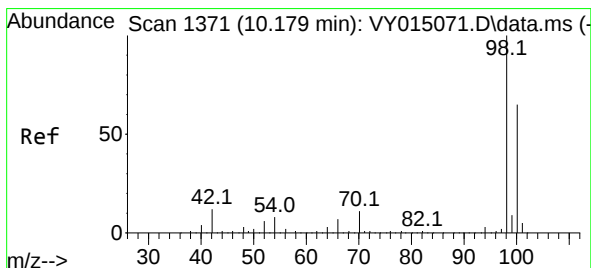
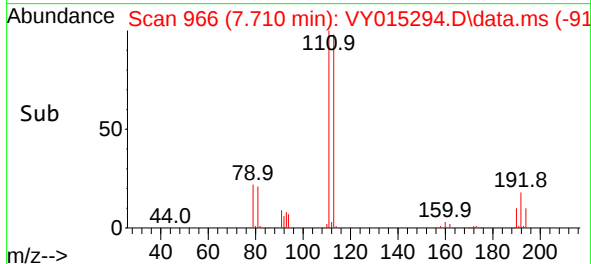
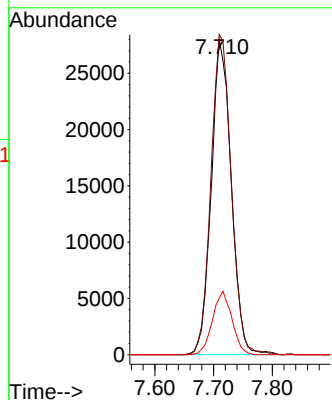
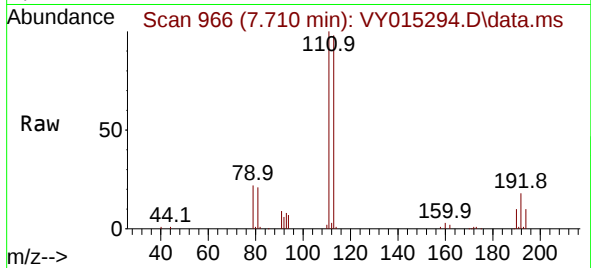




#35
Dibromofluoromethane
Concen: 49.444 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

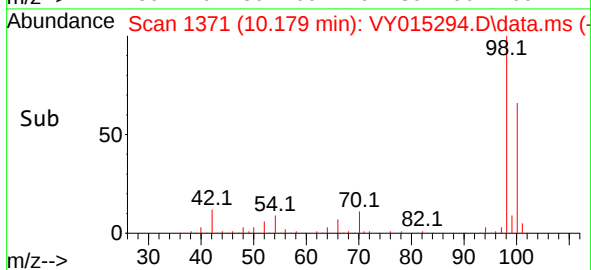
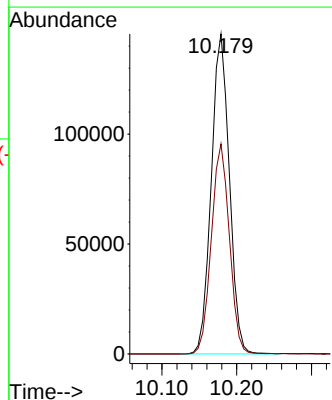
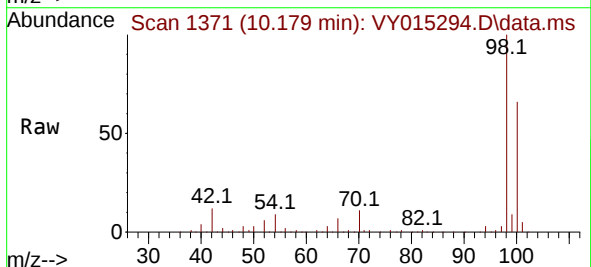
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

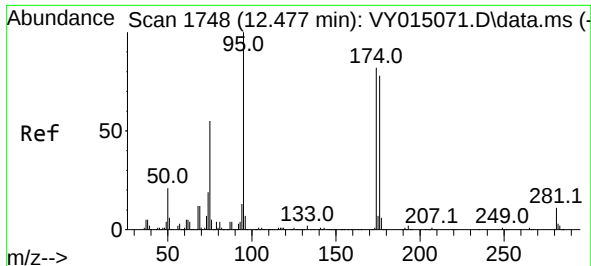
Tgt Ion:113 Resp: 66039
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

Tgt Ion: 98 Resp: 244525
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

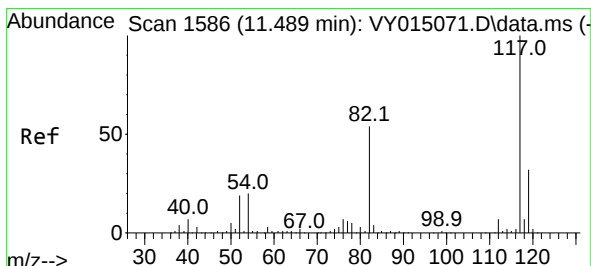
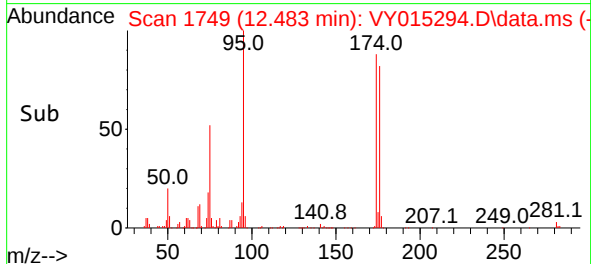
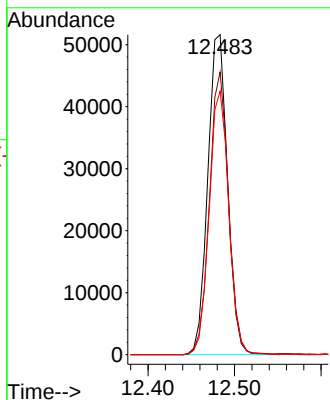
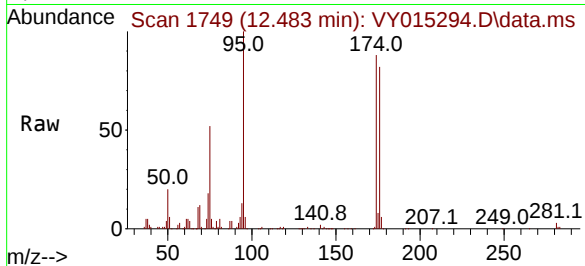




#62
4-Bromofluorobenzene
Concen: 45.072 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

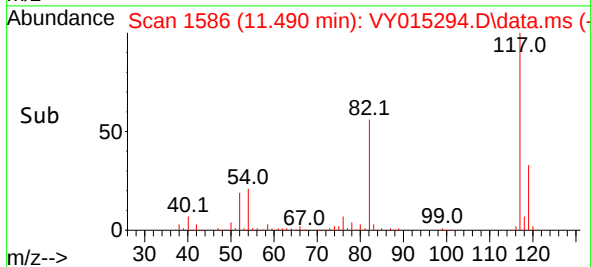
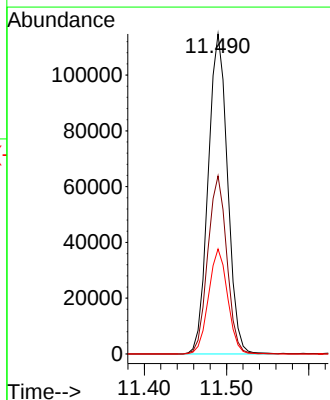
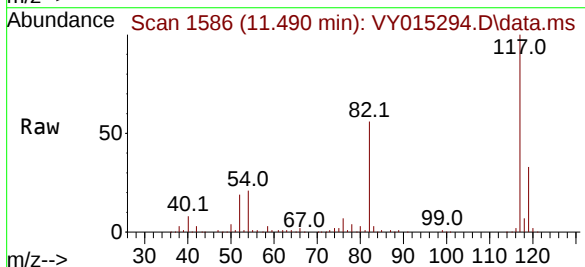
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

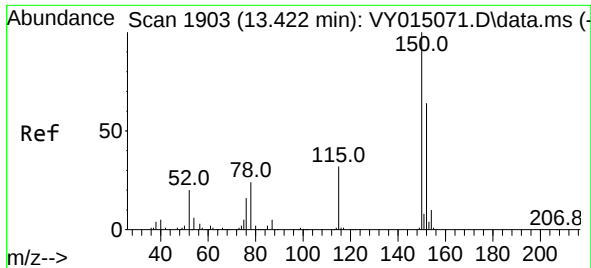
Tgt Ion: 95 Resp: 81851
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015294.D
Acq: 23 Aug 2023 20:30

Tgt Ion: 117 Resp: 187674
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.8 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: VY015294.D

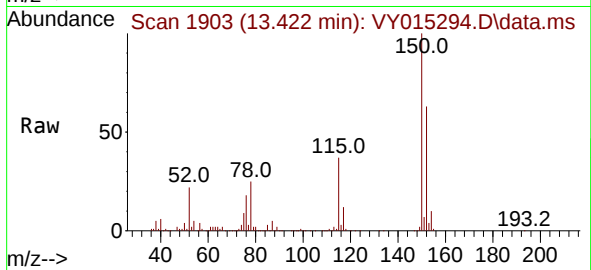
Acq: 23 Aug 2023 20:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-2



Tgt Ion:152 Resp: 91189

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 156.9 0.0 348.8

