

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015299.D
 Acq On : 23 Aug 2023 22:28
 Operator : SY/MD
 Sample : 04110-18RE
 Misc : 4.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-26(1-2)RE

Quant Time: Aug 24 02:38:56 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)

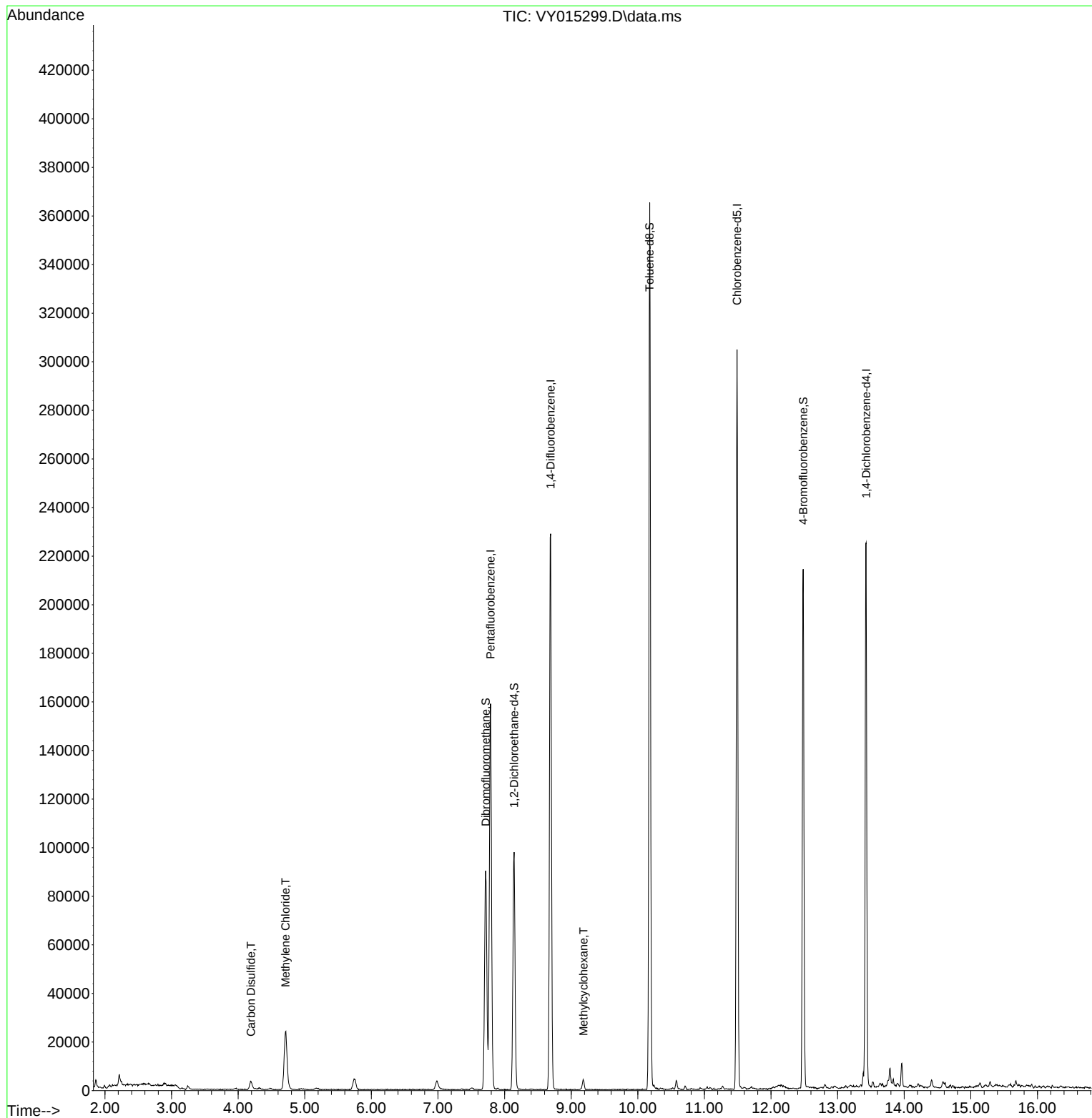
Internal Standards						
1) Pentafluorobenzene	7.789	168	122008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76517	52.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.480%
35) Dibromofluoromethane	7.715	113	62812	48.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.120%
50) Toluene-d8	10.178	98	234627	48.732	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.483	95	62311	35.434	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.860%
Target Compounds						
					Qvalue	
17) Carbon Disulfide	4.192	76	6952	4.653	ug/l	96
20) Methylene Chloride	4.710	84	17828	12.282	ug/l	92
39) Methylcyclohexane	9.185	83	1837	1.145	ug/l	90

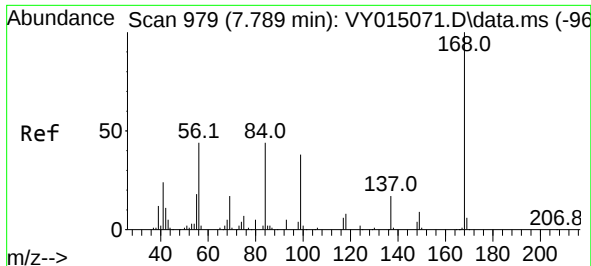
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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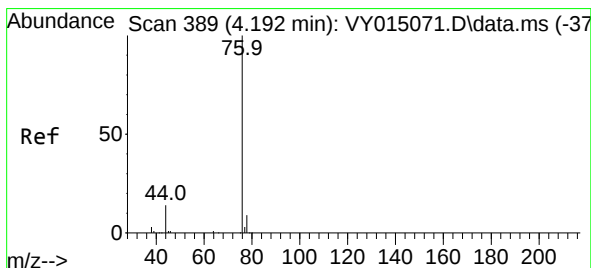
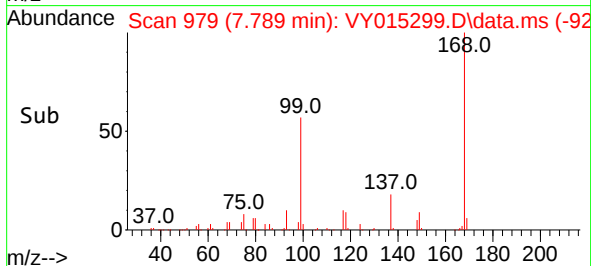
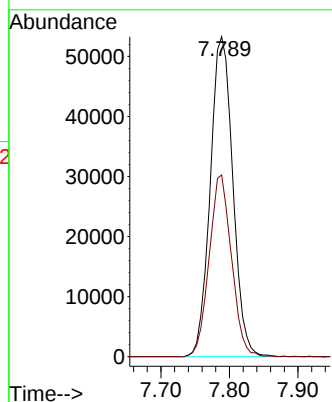
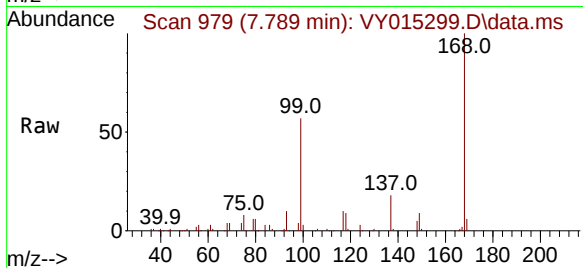




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

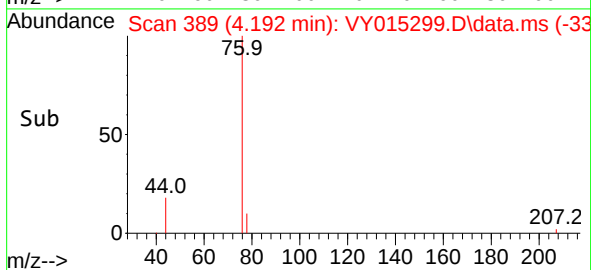
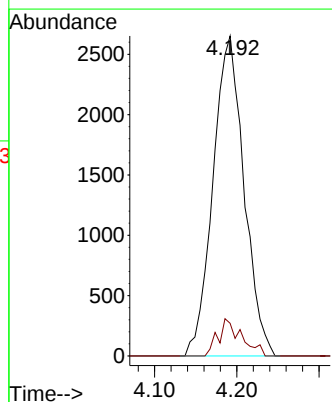
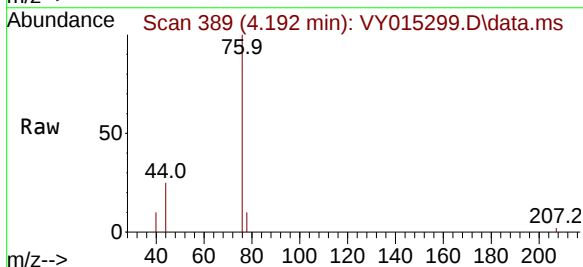
Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)RE

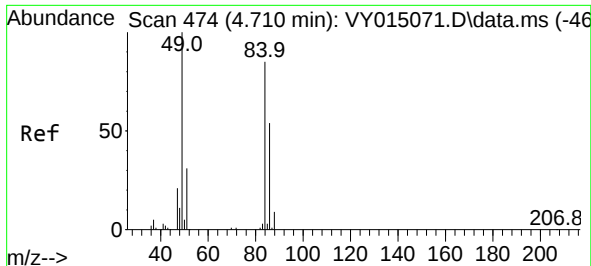
Tgt Ion:168 Resp: 122008
Ion Ratio Lower Upper
168 100
99 56.8 43.4 65.0



#17
Carbon Disulfide
Concen: 4.653 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 76 Resp: 6952
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4

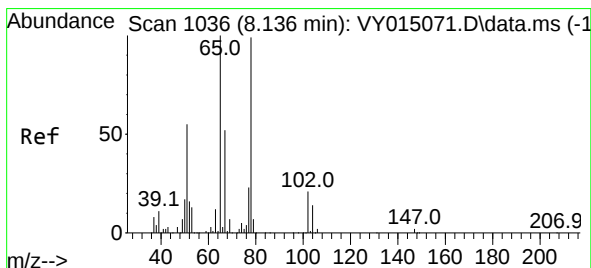
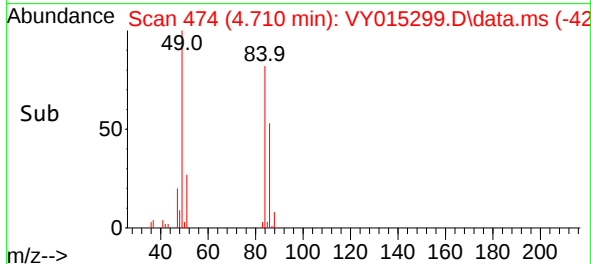
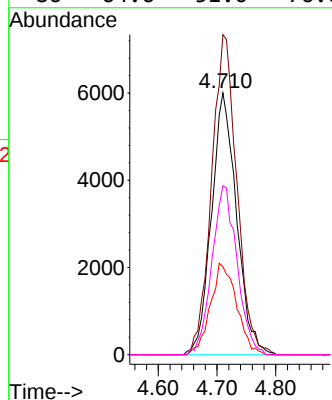
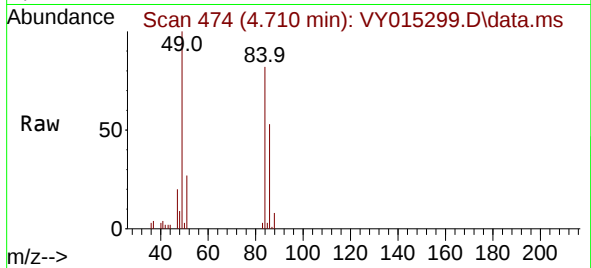




#20
Methylene Chloride
Concen: 12.282 ug/l
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

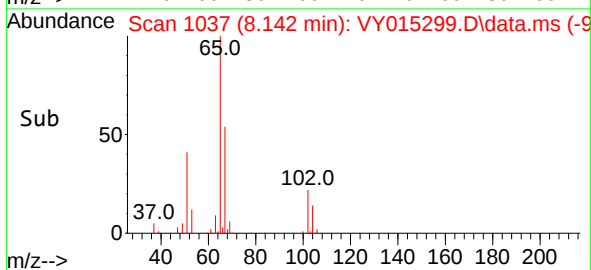
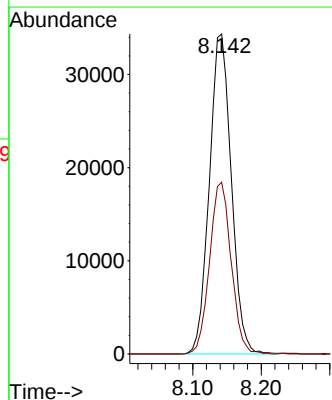
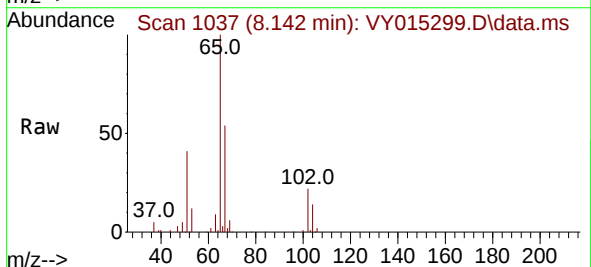
Instrument :
MSVOA_Y
ClientSampleId :
TP-26(1-2)RE

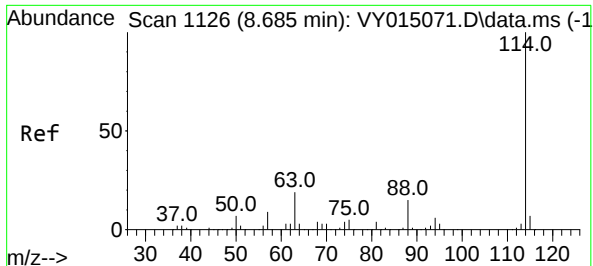
Tgt Ion: 84 Resp: 17828
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 33.6 33.2 49.8
86 64.6 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 52.245 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 65 Resp: 76517
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-26(1-2)RE

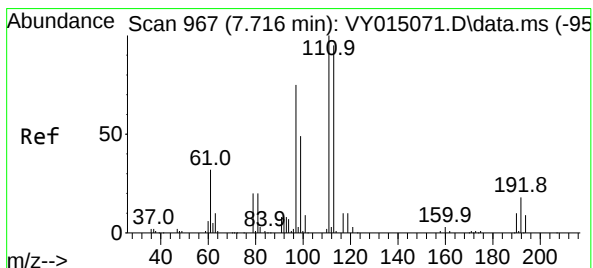
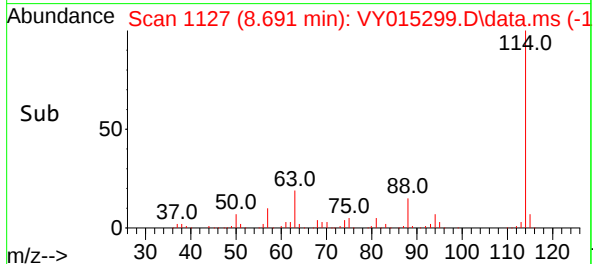
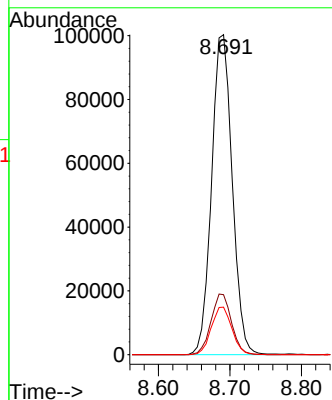
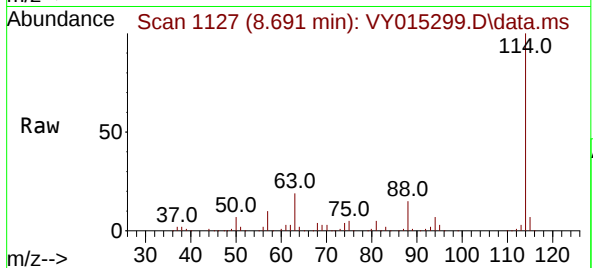
Tgt Ion:114 Resp: 201040

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.565 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

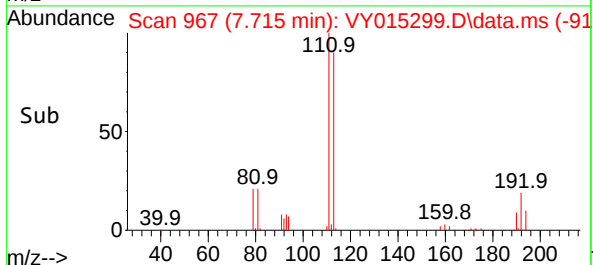
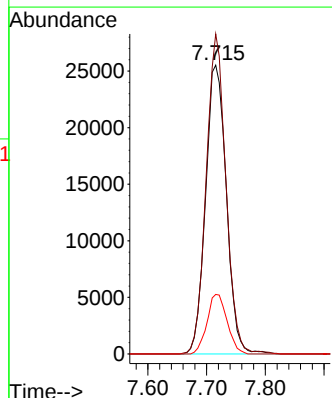
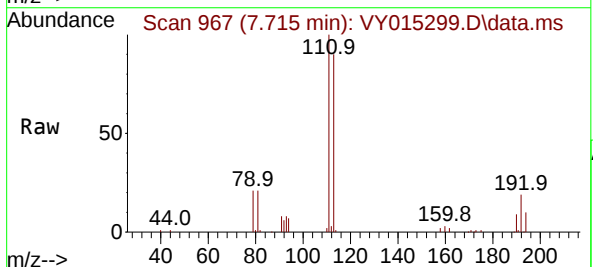
Tgt Ion:113 Resp: 62812

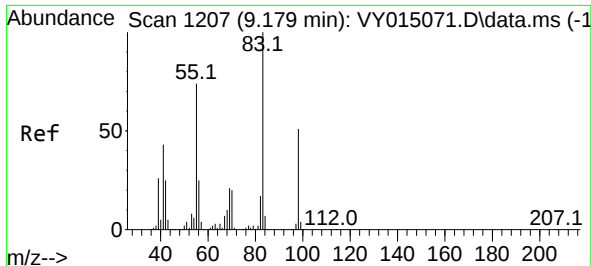
Ion Ratio Lower Upper

113 100

111 105.1 81.3 121.9

192 19.9 16.9 25.3





#39

Methylcyclohexane

Concen: 1.145 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015299.D

Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-26(1-2)RE

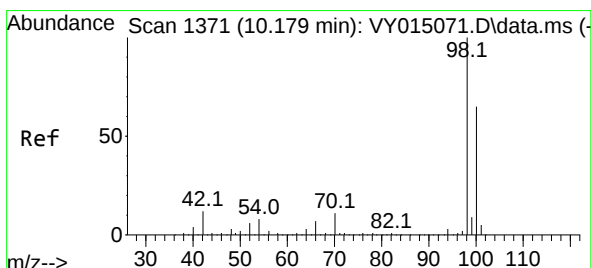
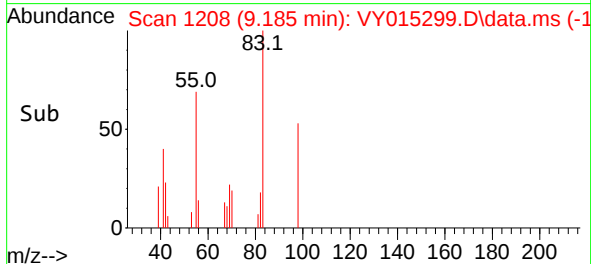
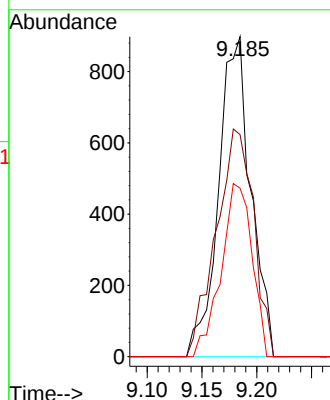
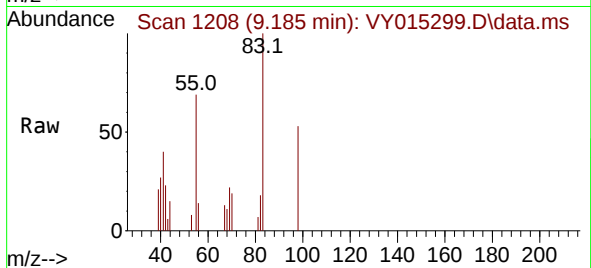
Tgt Ion: 83 Resp: 1837

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 52.7 37.4 56.2



#50

Toluene-d8

Concen: 48.732 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015299.D

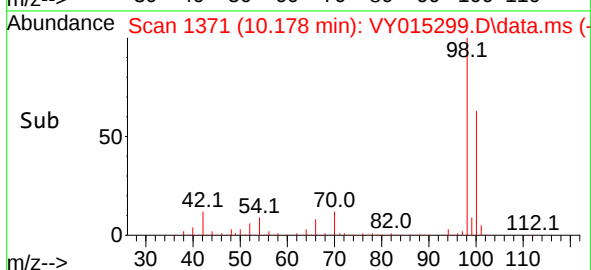
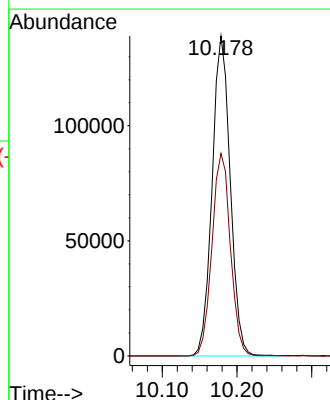
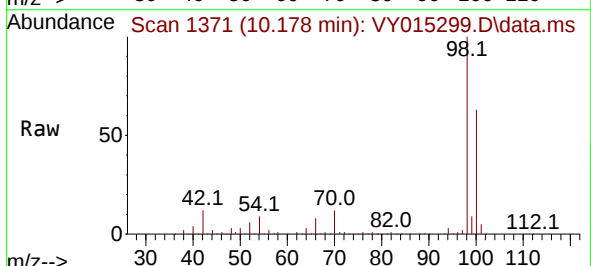
Acq: 23 Aug 2023 22:28

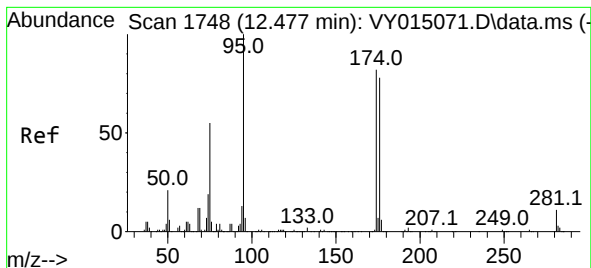
Tgt Ion: 98 Resp: 234627

Ion Ratio Lower Upper

98 100

100 64.4 50.1 75.1

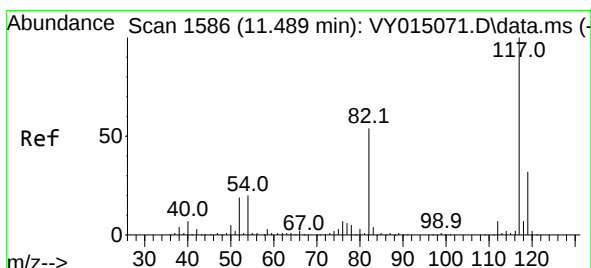
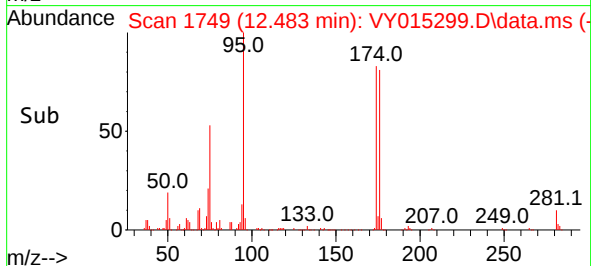
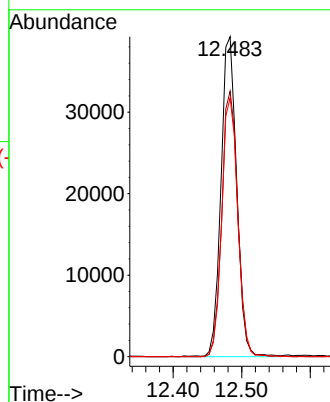
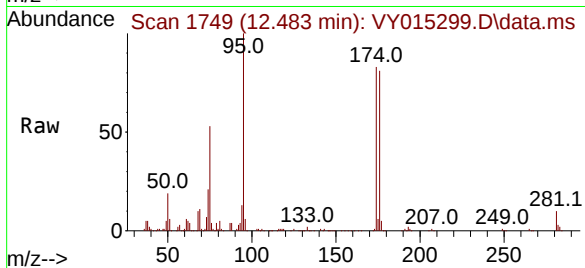




#62
4-Bromofluorobenzene
Concen: 35.434 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

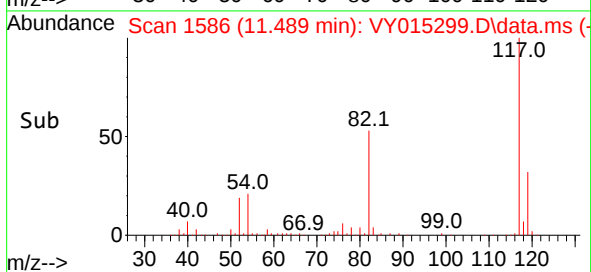
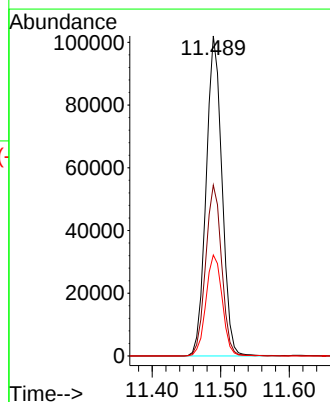
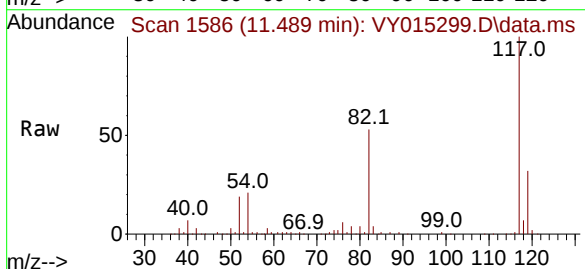
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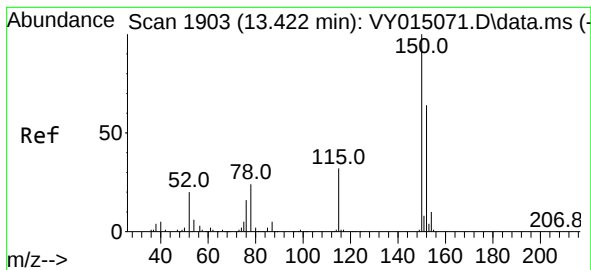
Tgt Ion: 95 Resp: 62311
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015299.D
Acq: 23 Aug 2023 22:28

Tgt Ion: 117 Resp: 164329
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015299.D

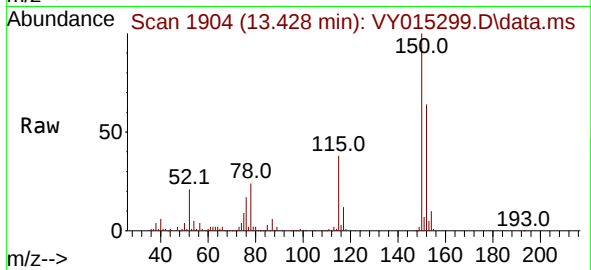
Acq: 23 Aug 2023 22:28

Instrument :

MSVOA_Y

ClientSampleId :

TP-26(1-2)RE



Tgt Ion:152 Resp: 58181

Ion Ratio Lower Upper

152 100

115 59.4 28.8 86.5

150 157.1 0.0 348.8

