

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012895.D
 Acq On : 09 Mar 2023 13:43
 Operator : KP/MD
 Sample : 01834-02
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-8

Quant Time: Mar 10 00:30:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

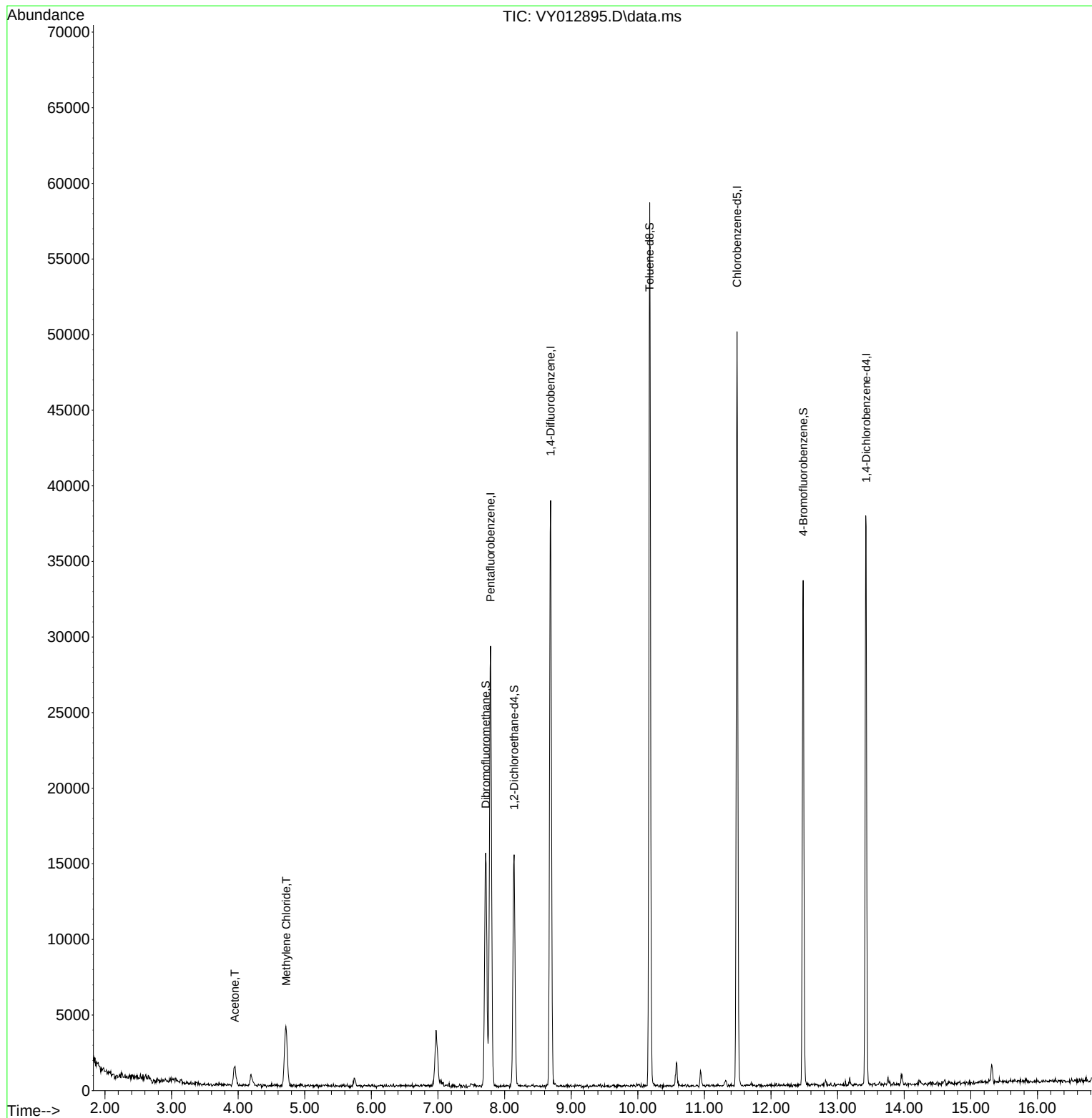
Internal Standards						
1) Pentafluorobenzene	7.789	168	21983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	32438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	26665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	11791	54.022	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.040%	
35) Dibromofluoromethane	7.716	113	11075	56.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.140%	
50) Toluene-d8	10.179	98	38065	53.188	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.483	95	9432	39.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.100%	
Target Compounds						Qvalue
16) Acetone	3.948	43	2379	27.769	ug/l	91
20) Methylene Chloride	4.722	84	2959	6.662	ug/l	91

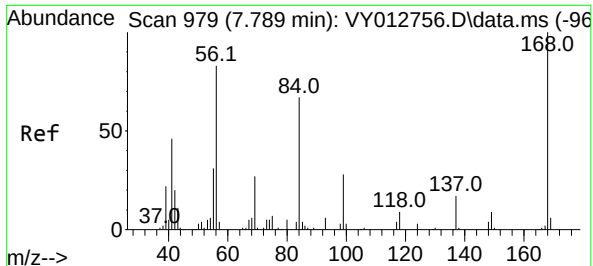
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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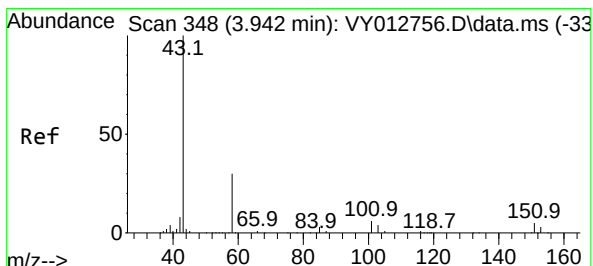
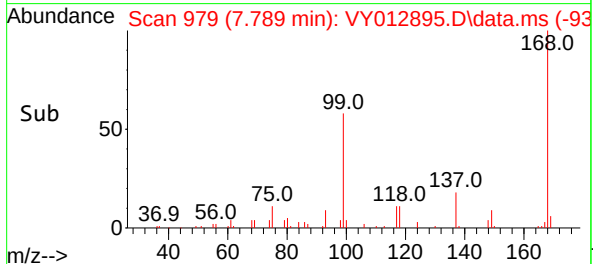
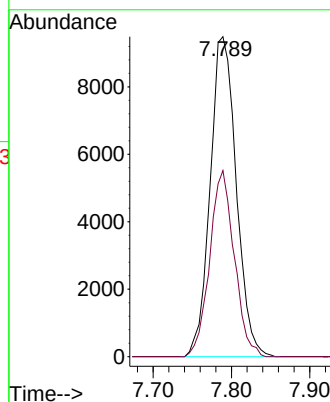
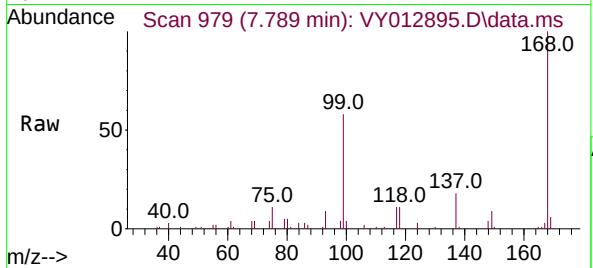




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

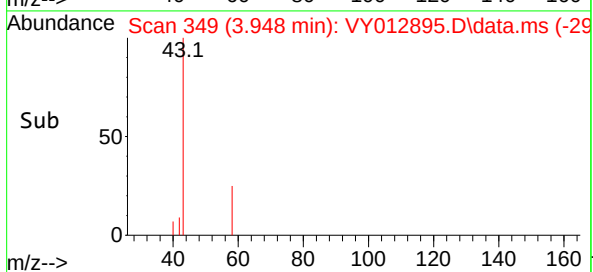
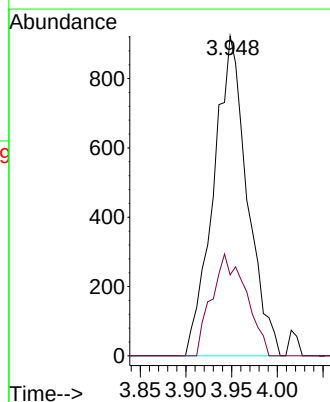
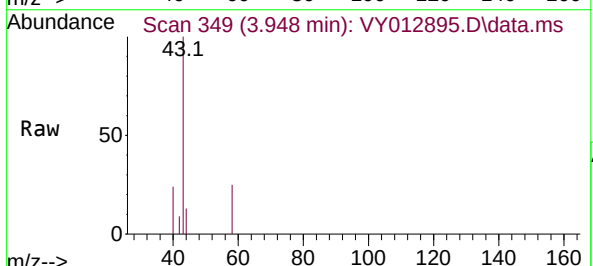
Instrument :
MSVOA_Y
ClientSampleId :
TP-8

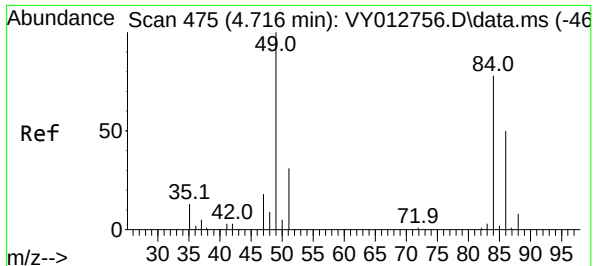
Tgt Ion:168 Resp: 21983
Ion Ratio Lower Upper
168 100
99 58.2 41.7 62.5



#16
Acetone
Concen: 27.769 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Tgt Ion: 43 Resp: 2379
Ion Ratio Lower Upper
43 100
58 25.4 24.2 36.2



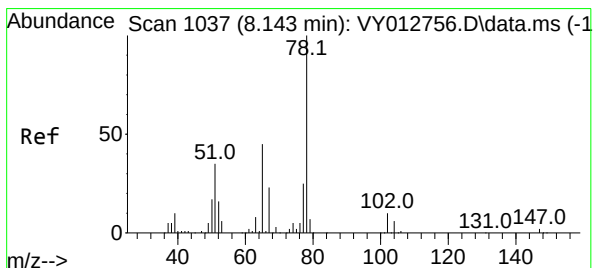
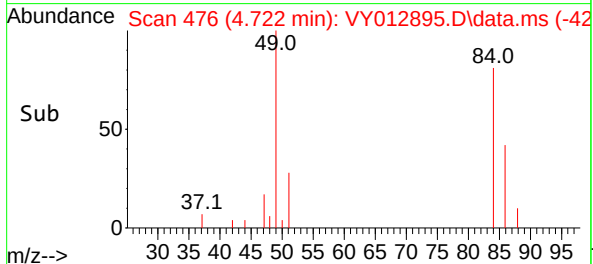
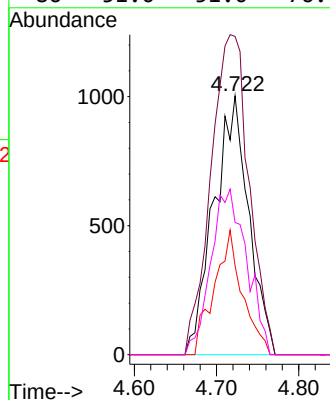
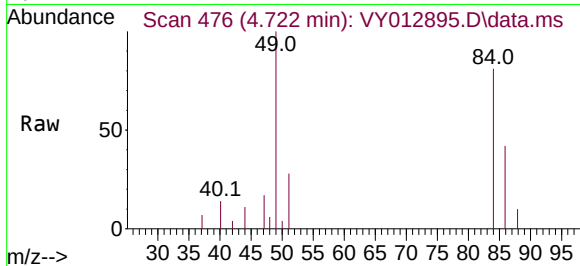


#20
Methylene Chloride
Concen: 6.662 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tgt Ion: 84 Resp: 2959

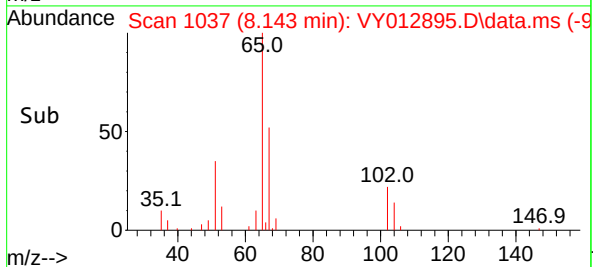
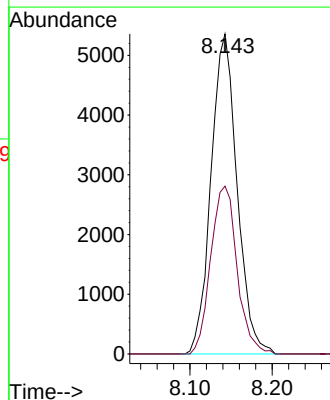
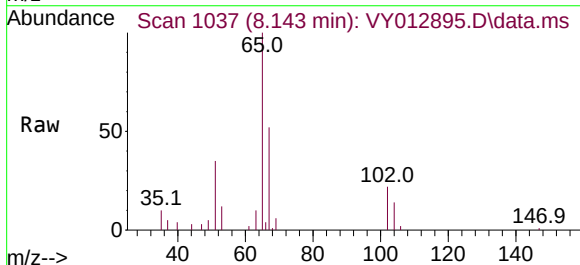
Ion	Ratio	Lower	Upper
84	100		
49	122.9	102.6	154.0
51	34.4	31.9	47.9
86	51.0	51.0	76.6

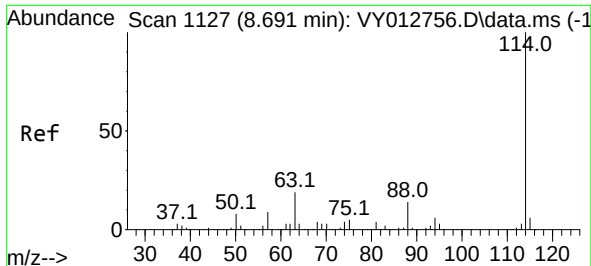


#33
1,2-Dichloroethane-d4
Concen: 54.022 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Tgt Ion: 65 Resp: 11791

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012895.D

Acq: 09 Mar 2023 13:43

Instrument :

MSVOA_Y

ClientSampleId :

TP-8

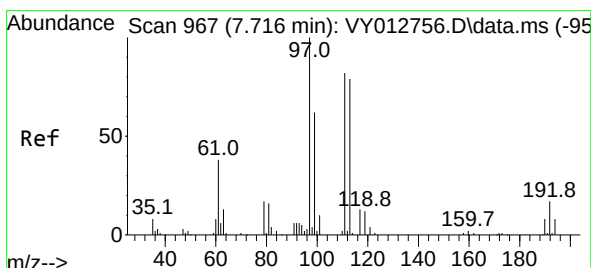
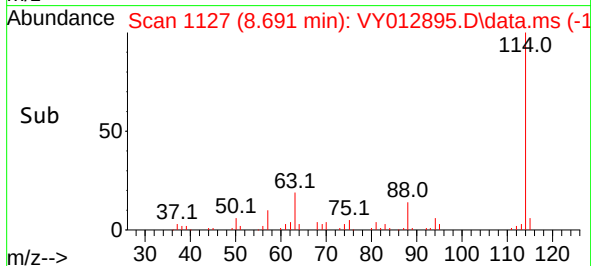
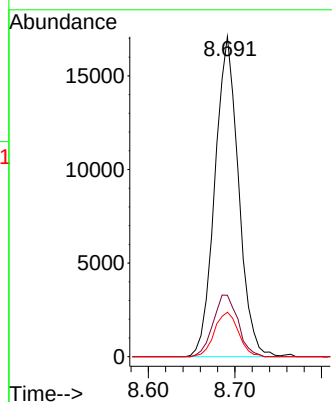
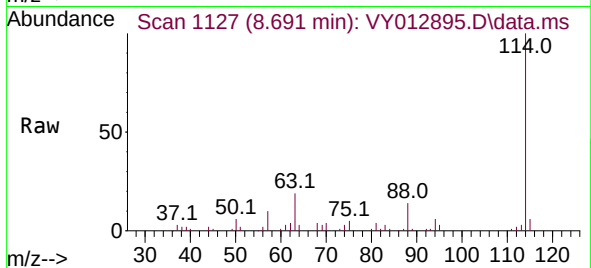
Tgt Ion:114 Resp: 32438

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 13.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.574 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012895.D

Acq: 09 Mar 2023 13:43

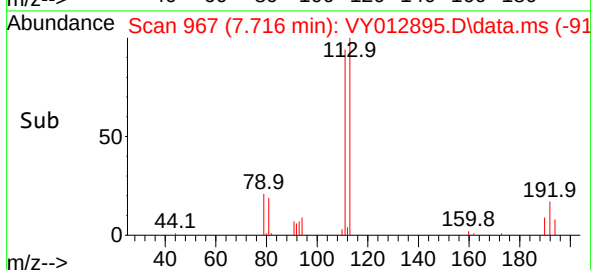
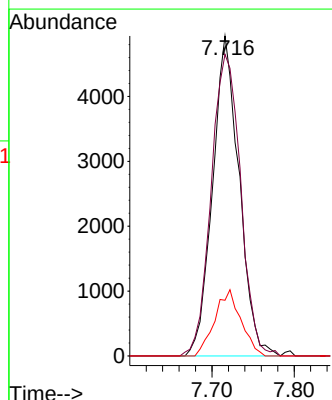
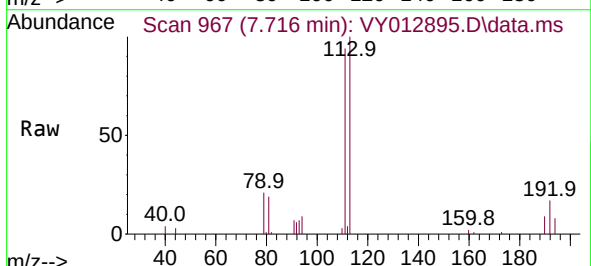
Tgt Ion:113 Resp: 11075

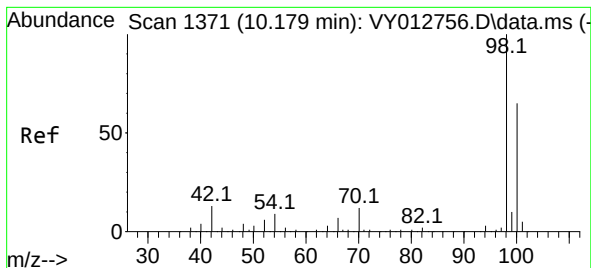
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 20.4 16.8 25.2

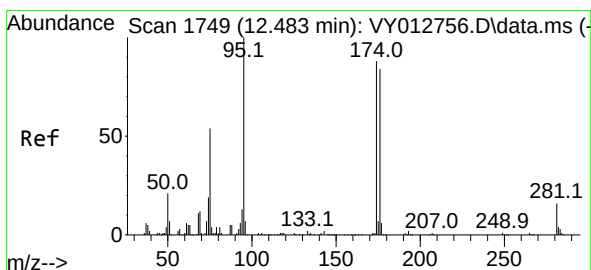
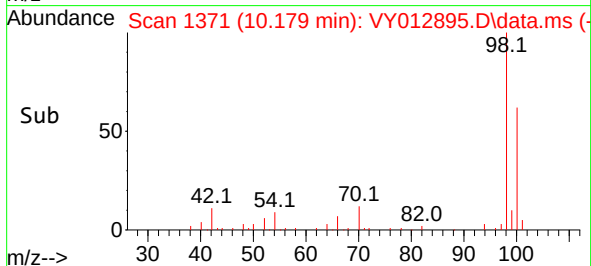
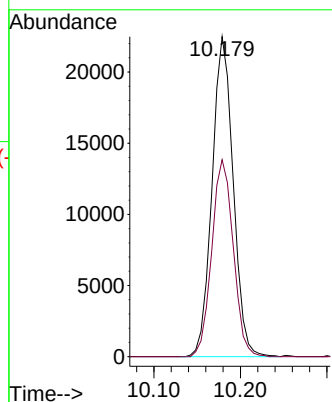
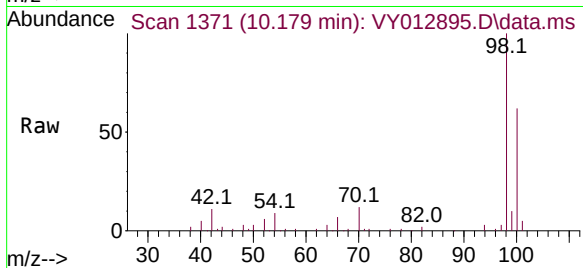




#50
Toluene-d8
Concen: 53.188 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

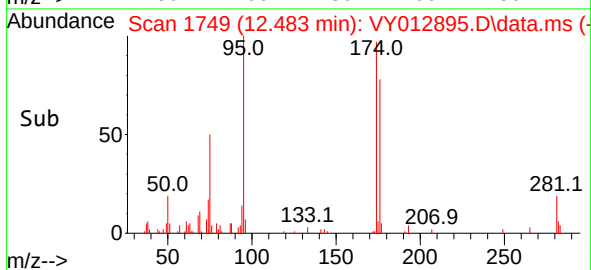
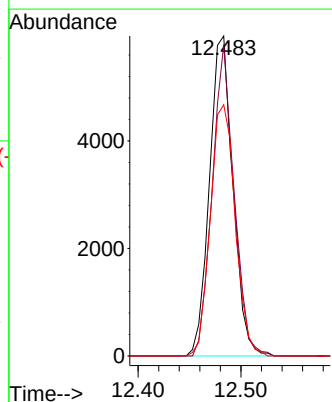
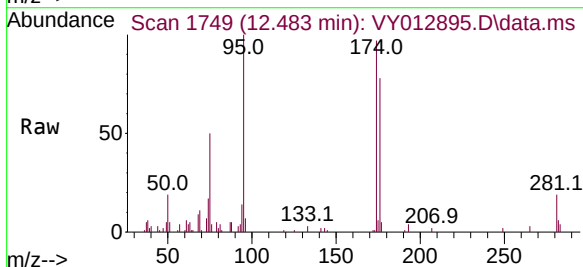
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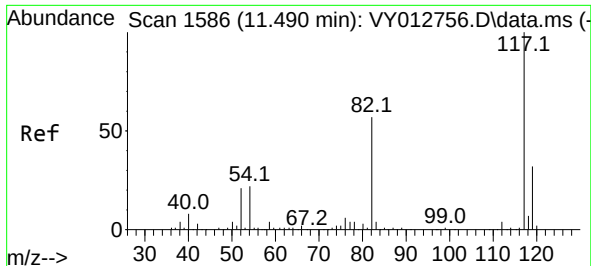
Tgt Ion: 98 Resp: 38065
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 39.047 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Tgt Ion: 95 Resp: 9432
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 83.1 0.0 170.2

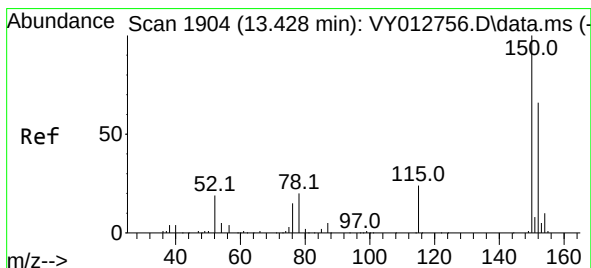
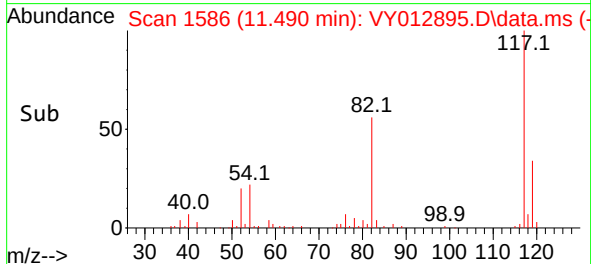
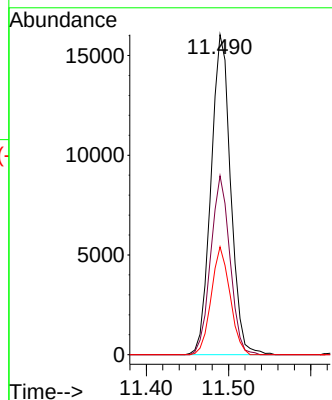
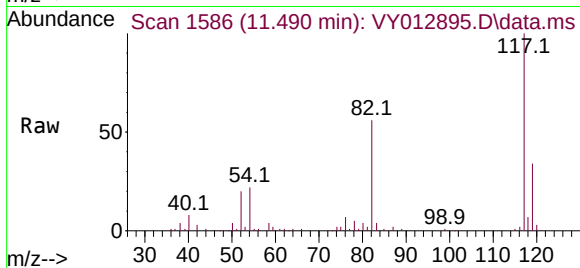




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Instrument :
MSVOA_Y
ClientSampleId :
TP-8

Tgt Ion:117	Resp:	26665
Ion Ratio	Lower	Upper
117	100	
82	55.9	45.4 68.0
119	33.7	25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012895.D
Acq: 09 Mar 2023 13:43

Tgt Ion:152	Resp:	9625
Ion Ratio	Lower	Upper
152	100	
115	56.7	27.1 81.3
150	161.3	0.0 347.8

