

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018492.D
 Acq On : 05 Jun 2024 18:14
 Operator : SY/MD
 Sample : P2686-07RE
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPP-VOCRE

Quant Time: Jun 06 05:58:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

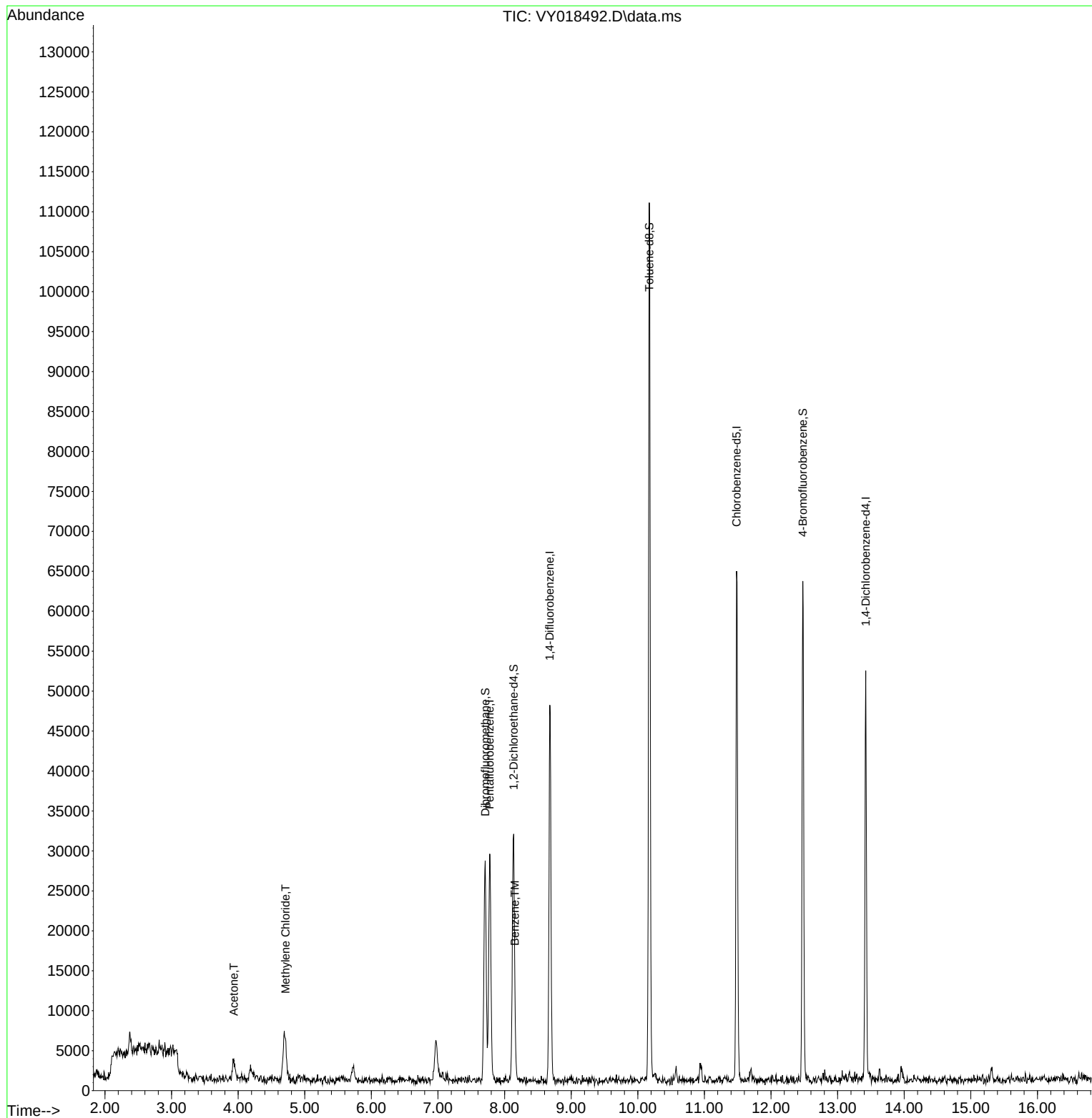
Internal Standards						
1) Pentafluorobenzene	7.777	168	19409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	38305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	34149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22343	58.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.240%
35) Dibromofluoromethane	7.710	113	19122	39.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.740%
50) Toluene-d8	10.173	98	69005	35.710	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.420%
62) 4-Bromofluorobenzene	12.477	95	19287	32.057	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.120%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	4009	47.388	ug/l #	86
20) Methylene Chloride	4.710	84	4207	6.050	ug/l #	81
40) Benzene	8.155	78	2428	1.094	ug/l #	75

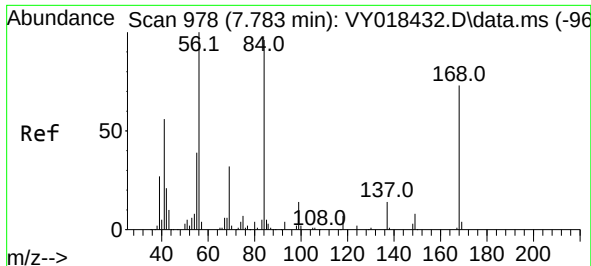
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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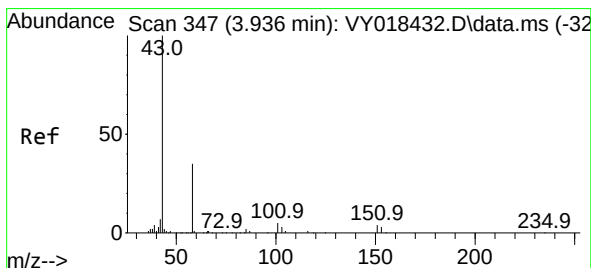
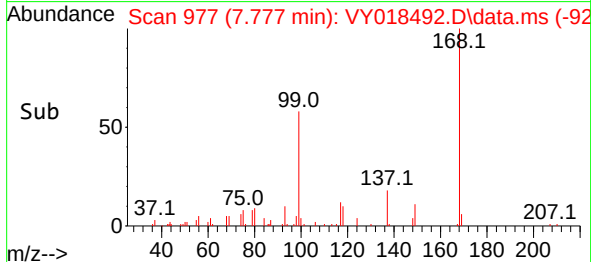
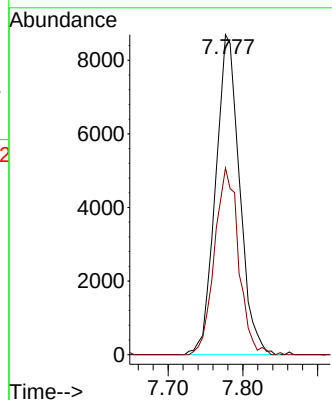
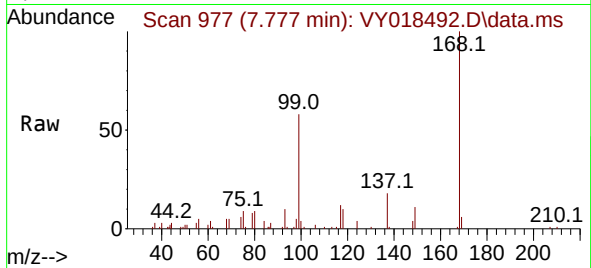




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

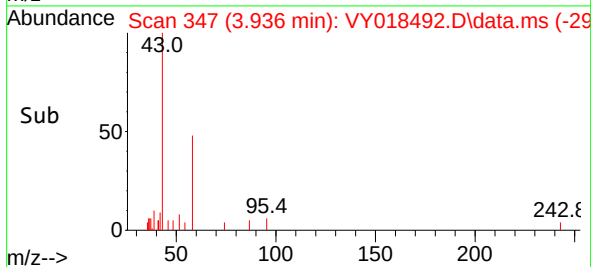
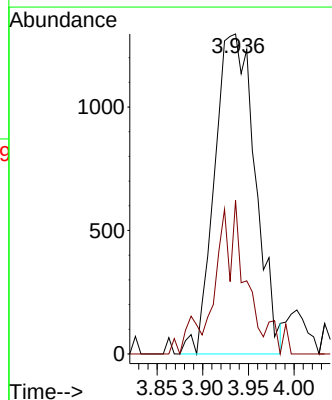
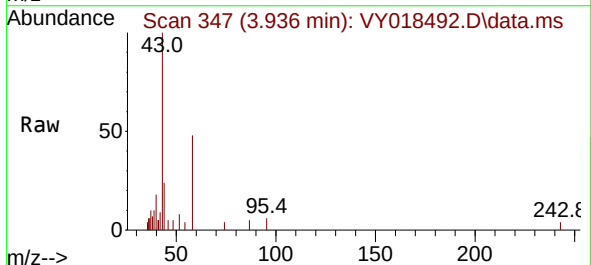
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOCRE

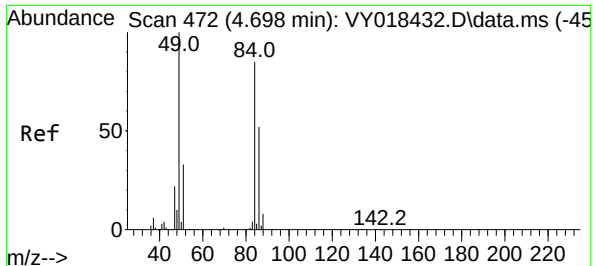
Tgt Ion:168 Resp: 19409
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#16
Acetone
Concen: 47.388 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 43 Resp: 4009
Ion Ratio Lower Upper
43 100
58 48.0 31.7 47.5#

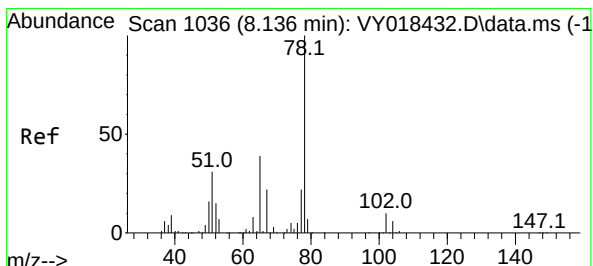
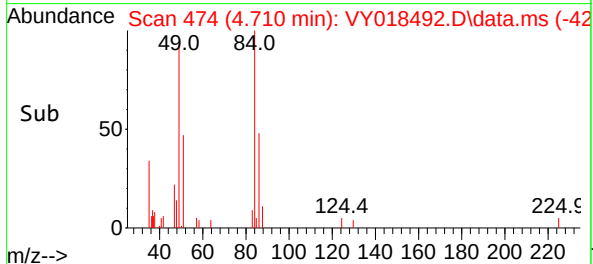
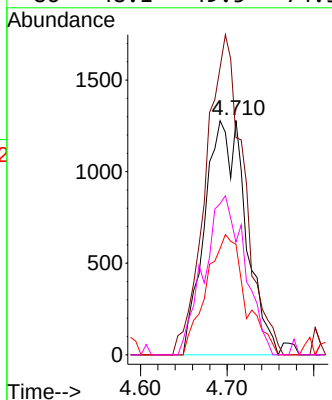
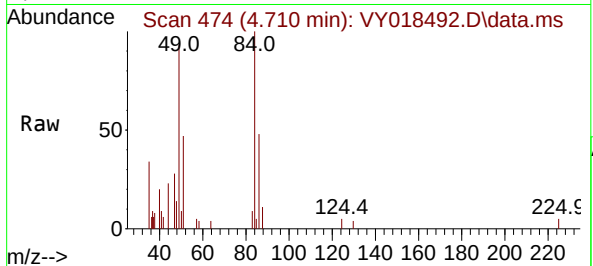




#20
Methylene Chloride
Concen: 6.050 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

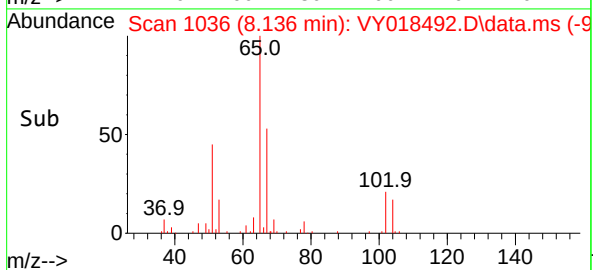
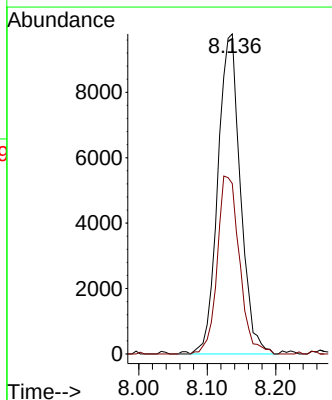
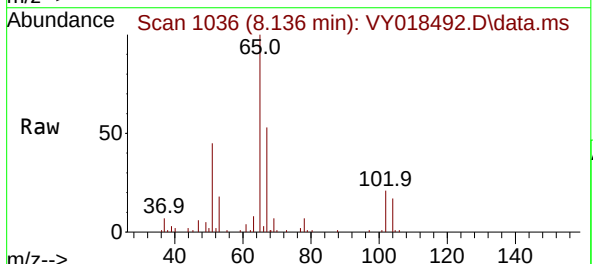
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOCRE

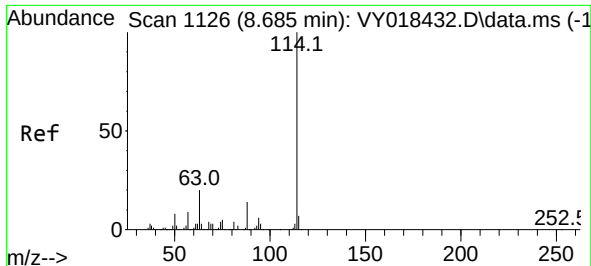
Tgt Ion:	84	Resp:	4207
Ion	Ratio	Lower	Upper
84	100		
49	88.4	84.4	126.6
51	47.1	26.0	39.0#
86	48.1	49.5	74.3#



#33
1,2-Dichloroethane-d4
Concen: 58.618 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion:	65	Resp:	22343
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018492.D

Acq: 05 Jun 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

WCS-TPP-VOCRE

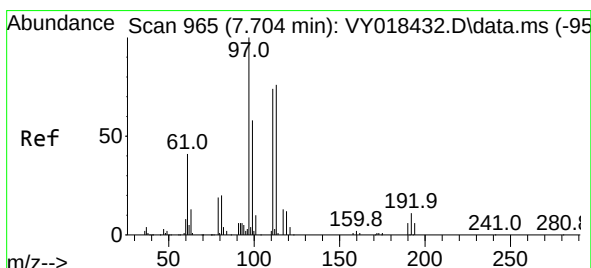
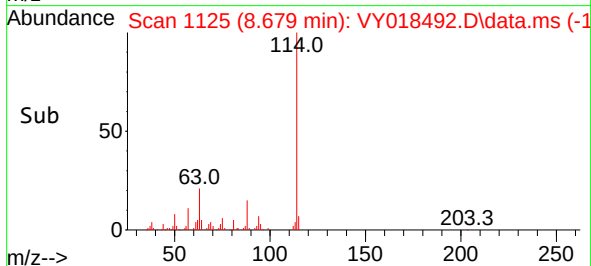
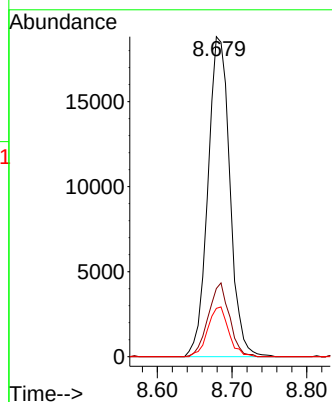
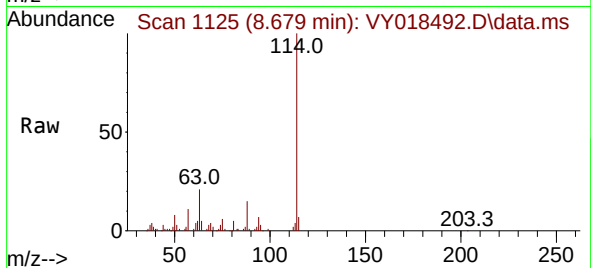
Tgt Ion:114 Resp: 38305

Ion Ratio Lower Upper

114 100

63 21.3 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 39.367 ug/l

RT: 7.710 min Scan# 966

Delta R.T. 0.006 min

Lab File: VY018492.D

Acq: 05 Jun 2024 18:14

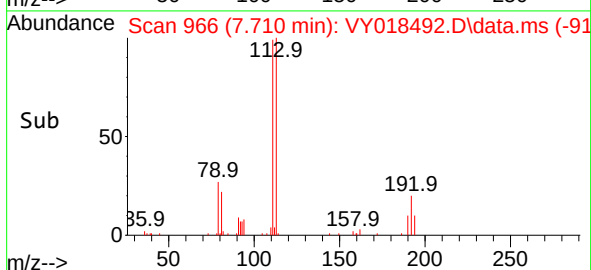
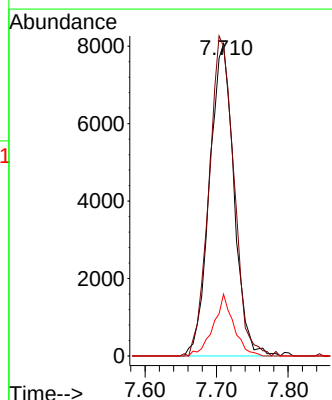
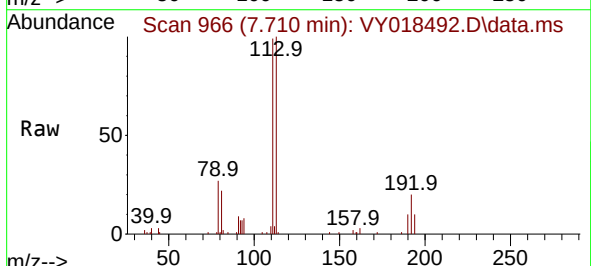
Tgt Ion:113 Resp: 19122

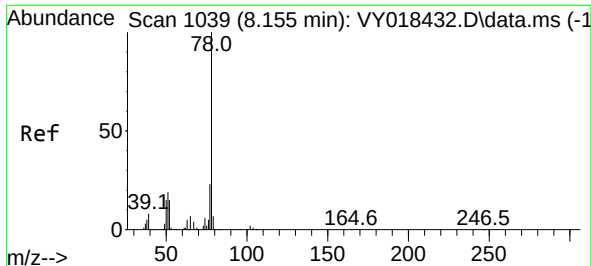
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 16.3 15.9 23.9

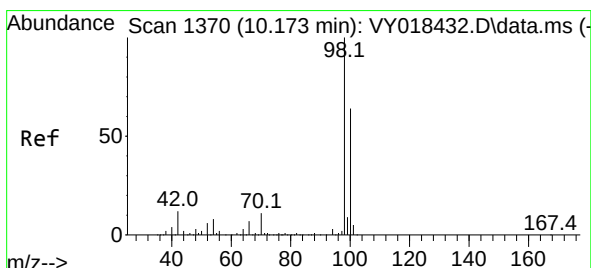
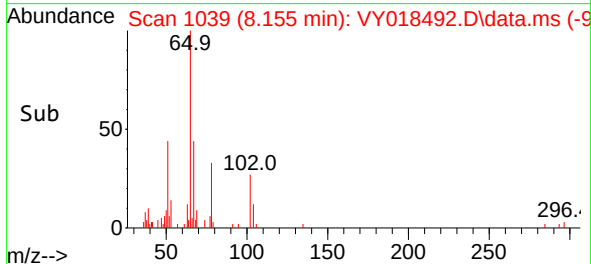
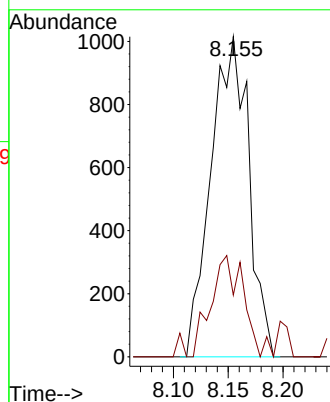
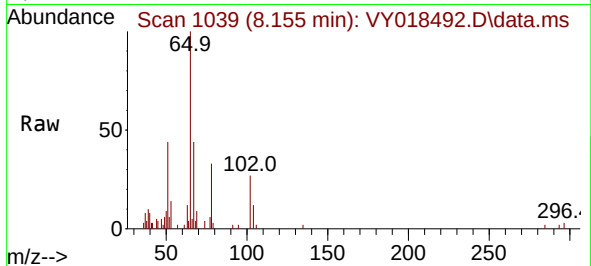




#40
Benzene
Concen: 1.094 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

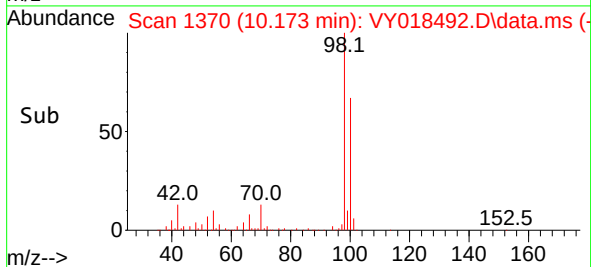
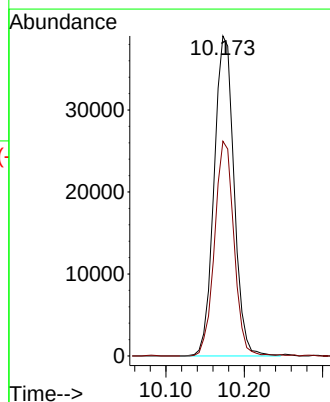
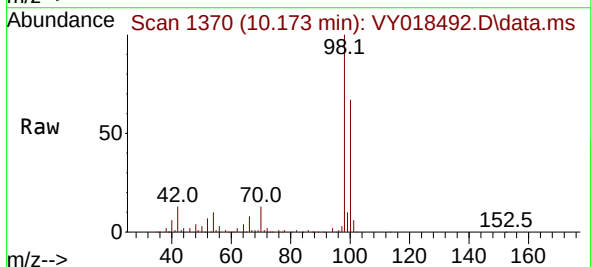
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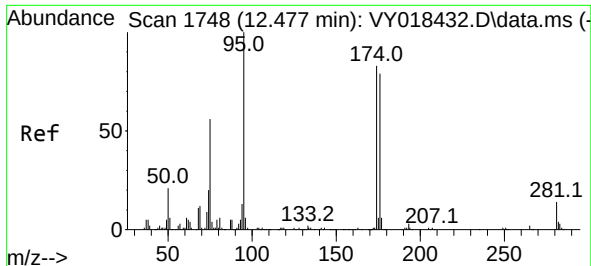
Tgt Ion: 78 Resp: 2428
Ion Ratio Lower Upper
78 100
77 11.9 19.5 29.3#



#50
Toluene-d8
Concen: 35.710 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 98 Resp: 69005
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

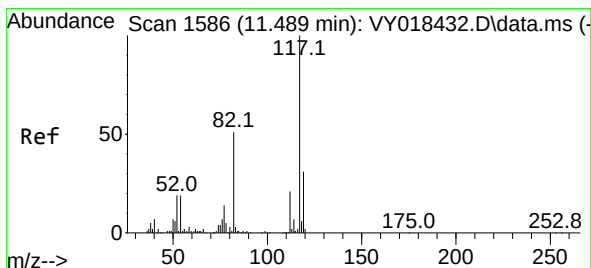
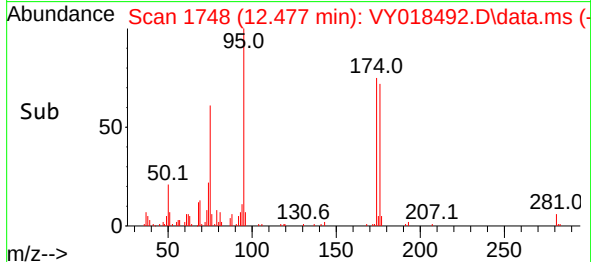
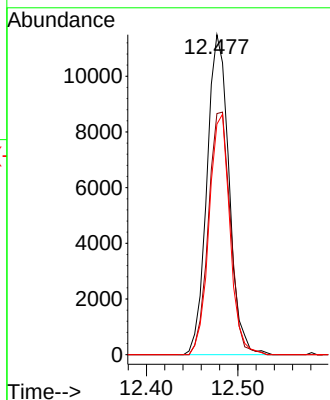
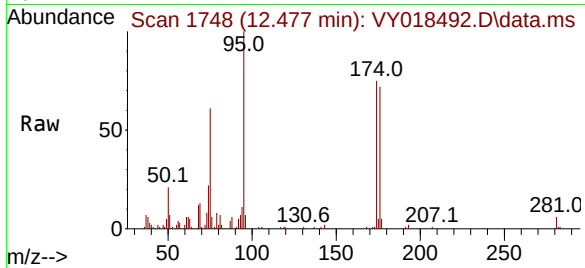




#62
4-Bromofluorobenzene
Concen: 32.057 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

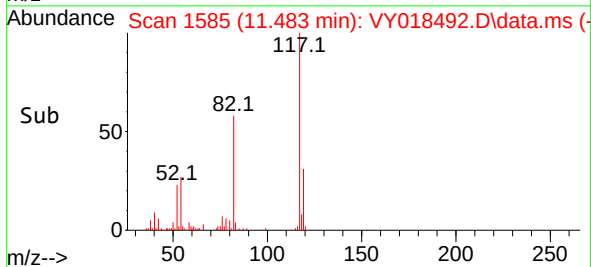
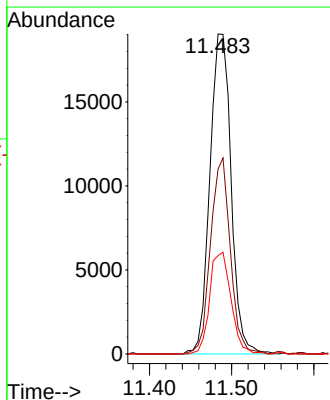
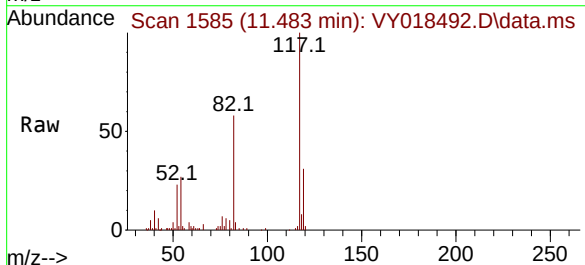
Instrument :
MSVOA_Y
ClientSampleId :
WCS-TPP-VOCRE

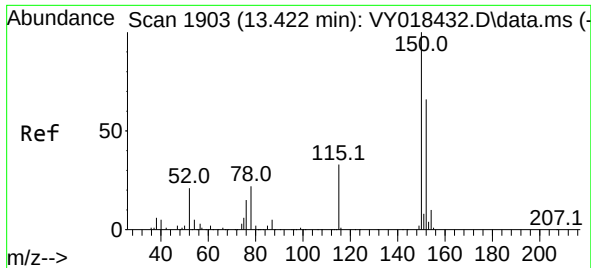
Tgt Ion: 95 Resp: 19287
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 70.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

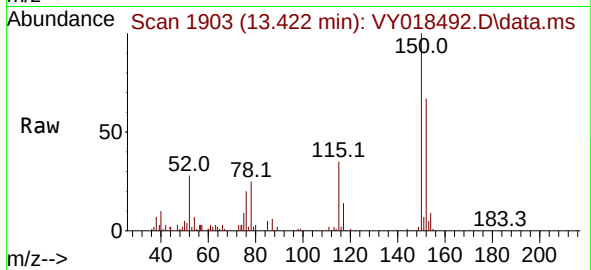
Tgt Ion: 117 Resp: 34149
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 30.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018492.D
 Acq: 05 Jun 2024 18:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 WCS-TPP-VOCRE



Tgt Ion:	152	Resp:	11707
Ion Ratio	Lower	Upper	
152	100		
115	56.2	28.2	84.7
150	154.1	0.0	345.6

