

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015189.D
 Acq On : 18 Aug 2023 12:24
 Operator : SY/MD
 Sample : 04070-01
 Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 18 23:07:30 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)

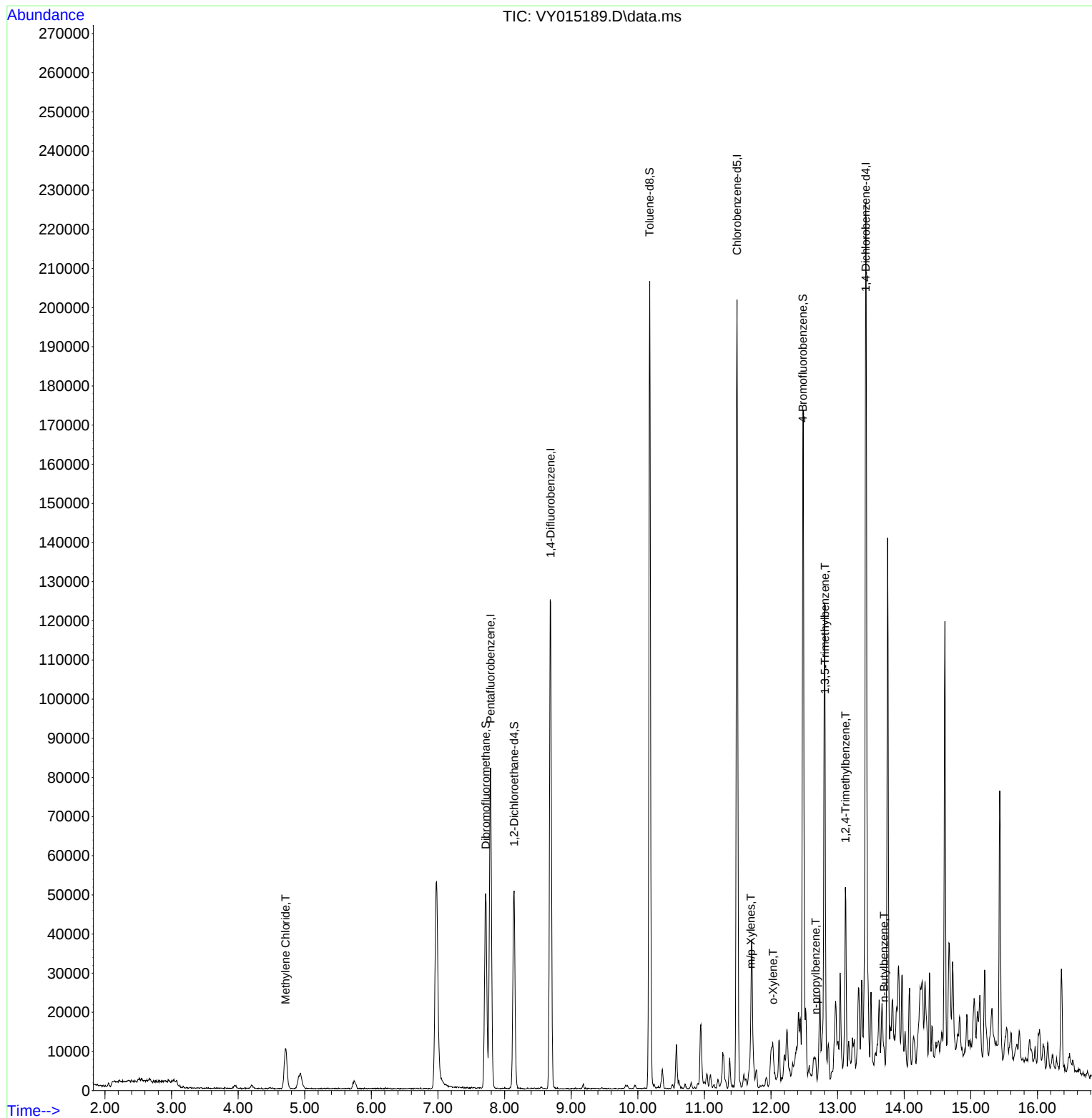
Internal Standards						
1) Pentafluorobenzene	7.789	168	62104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	108339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39869	53.480	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.960%	
35) Dibromofluoromethane	7.716	113	35403	50.795	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.580%	
50) Toluene-d8	10.179	98	129417	49.880	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.760%	
62) 4-Bromofluorobenzene	12.477	95	46932	49.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	8076	10.410	ug/l #	82
68) m/p-Xylenes	11.697	106	2739	2.133	ug/l	97
69) o-Xylene	12.032	106	1901	1.486	ug/l	94
78) n-propylbenzene	12.672	91	4101	1.049	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	7259	2.646	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	24247	8.845	ug/l	100
89) n-Butylbenzene	13.696	91	4021	1.399	ug/l #	72

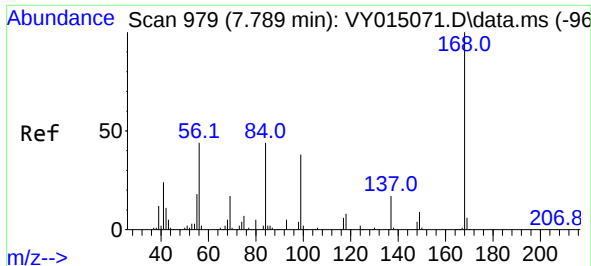
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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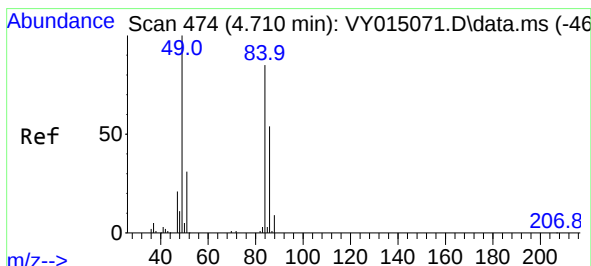
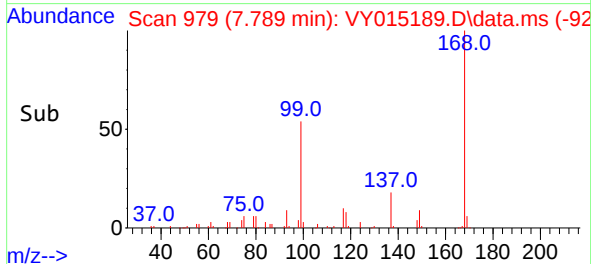
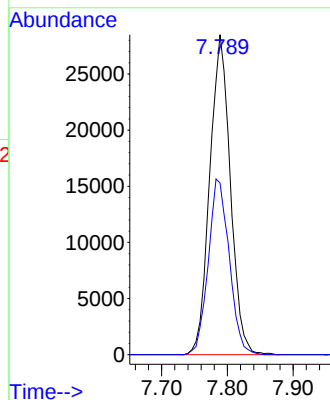
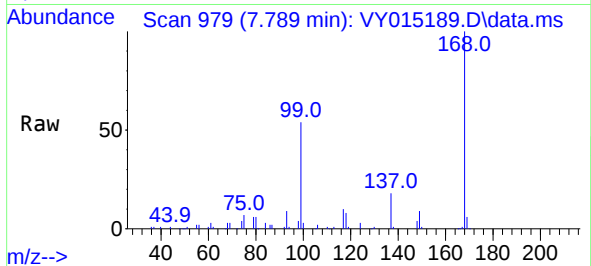




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

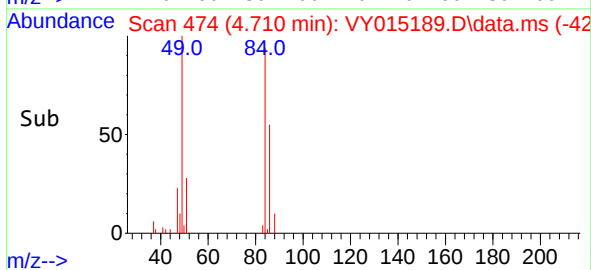
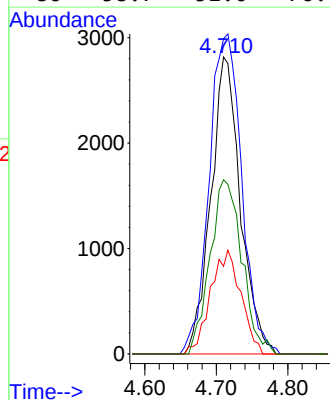
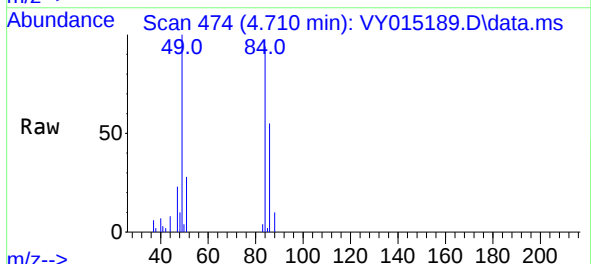
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

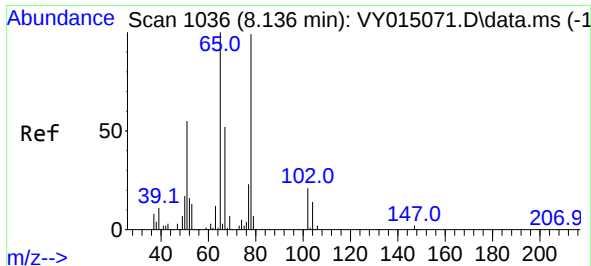
Tgt Ion:168 Resp: 62104
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 10.410 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion: 84 Resp: 8076
Ion Ratio Lower Upper
84 100
49 106.1 106.9 160.3#
51 29.5 33.2 49.8#
86 58.7 51.0 76.6

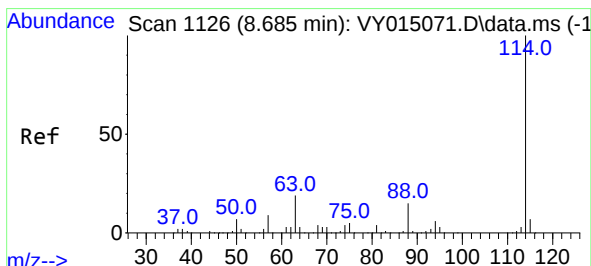
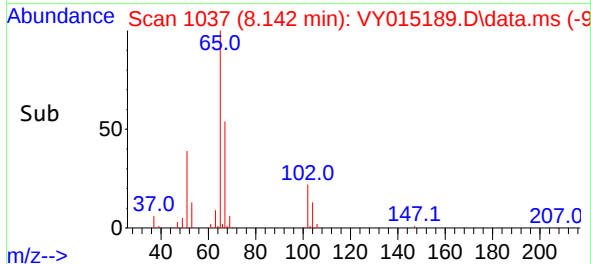
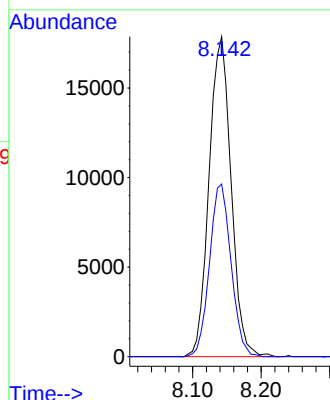
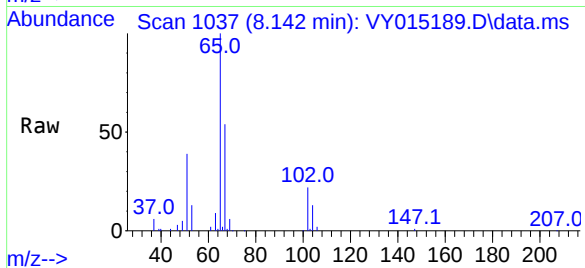




#33
 1,2-Dichloroethane-d4
 Concen: 53.480 ug/l
 RT: 8.142 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY015189.D
 Acq: 18 Aug 2023 12:24

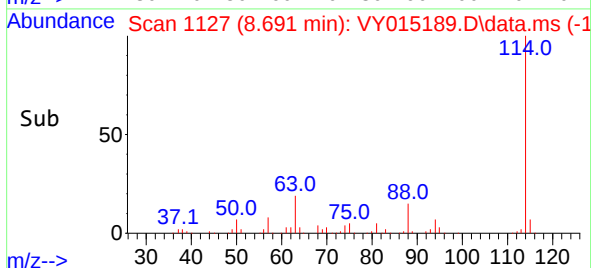
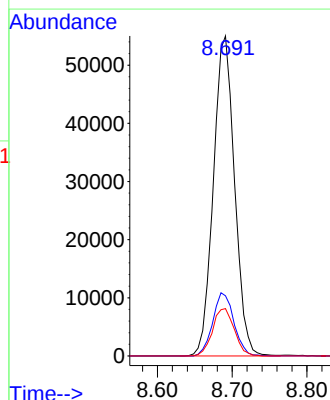
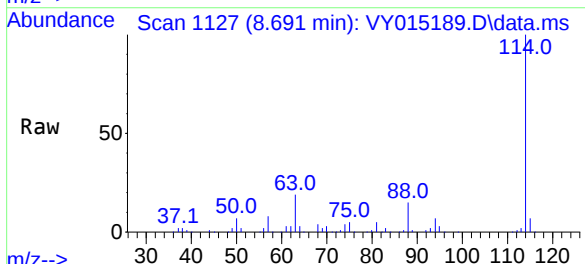
Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion: 65 Resp: 39869
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015189.D
 Acq: 18 Aug 2023 12:24

Tgt Ion: 114 Resp: 108339
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.8 0.0 30.6

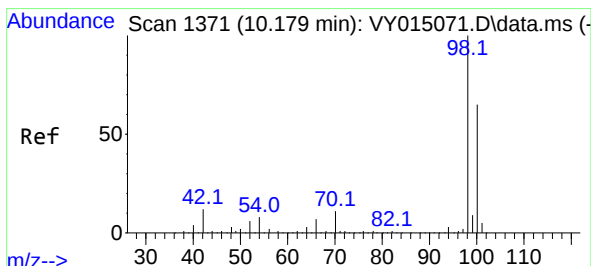
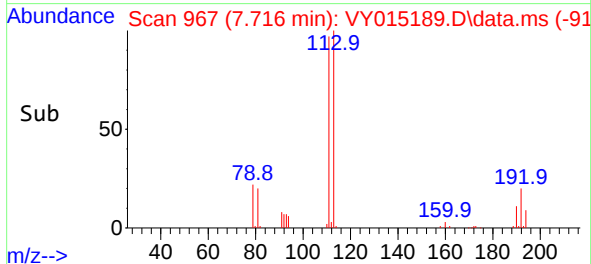
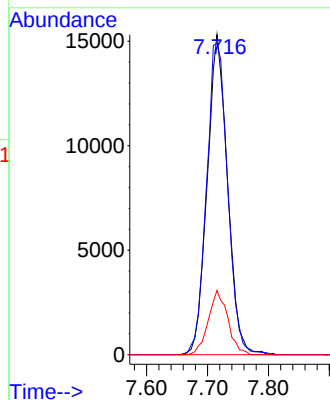
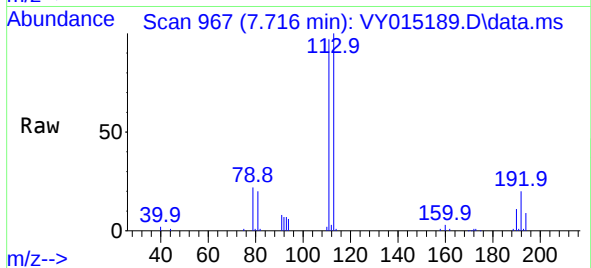




#35
Dibromofluoromethane
Concen: 50.795 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

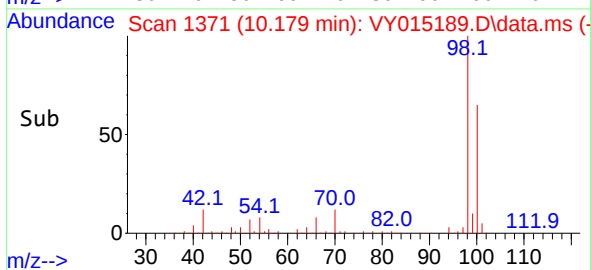
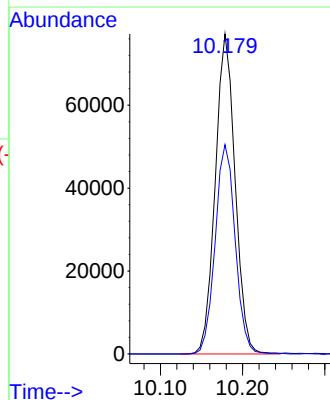
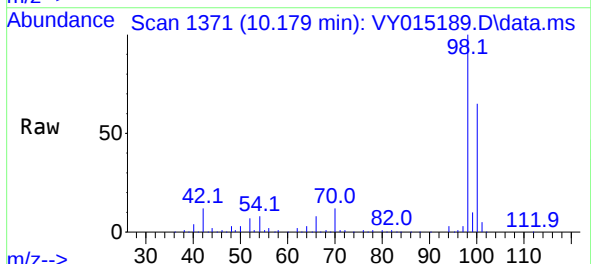
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

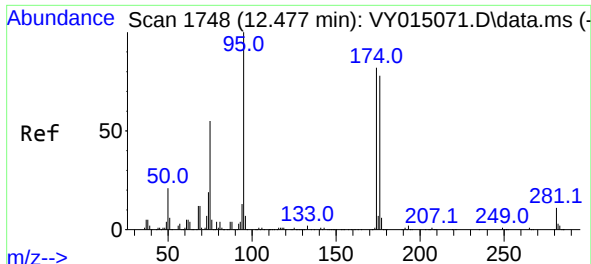
Tgt Ion:113 Resp: 35403
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.3 16.9 25.3



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion: 98 Resp: 129417
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

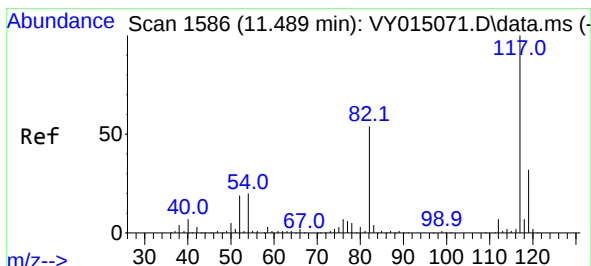
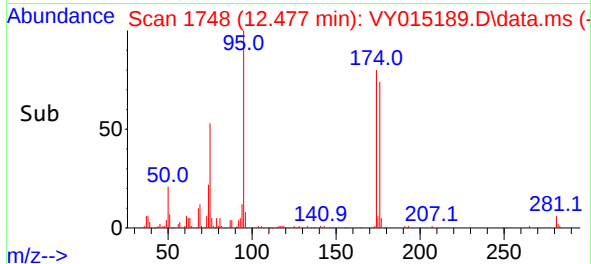
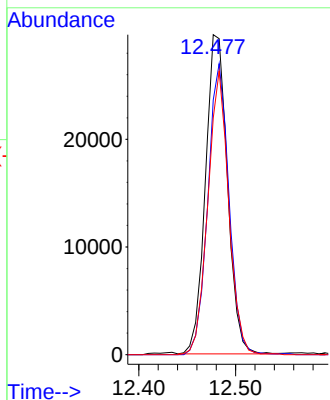
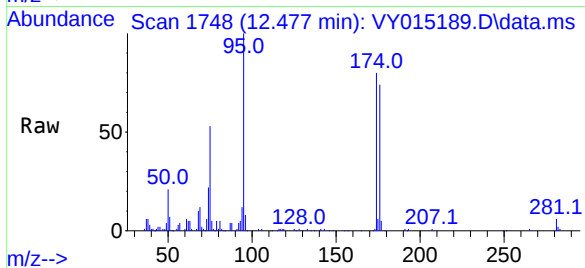




#62
4-Bromofluorobenzene
Concen: 49.524 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

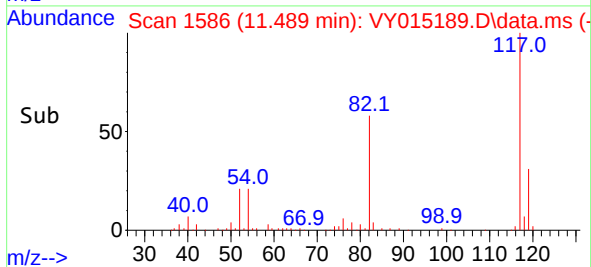
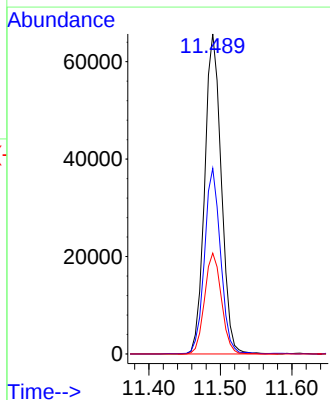
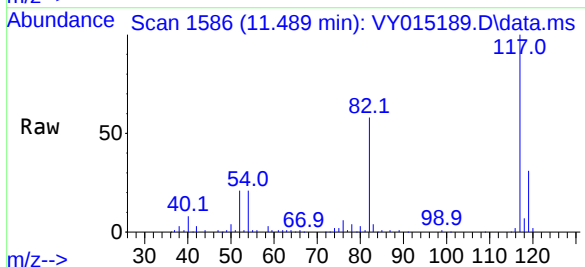
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

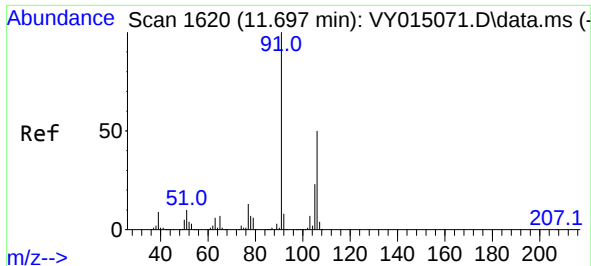
Tgt Ion: 95 Resp: 46932
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion: 117 Resp: 105928
Ion Ratio Lower Upper
117 100
82 57.9 43.4 65.0
119 31.5 26.3 39.5

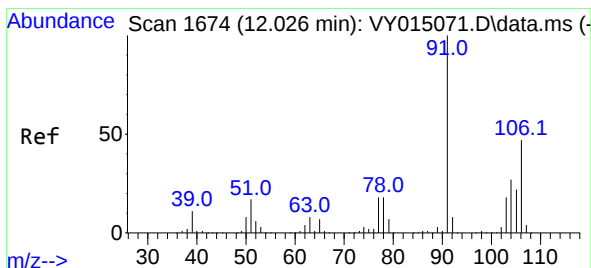
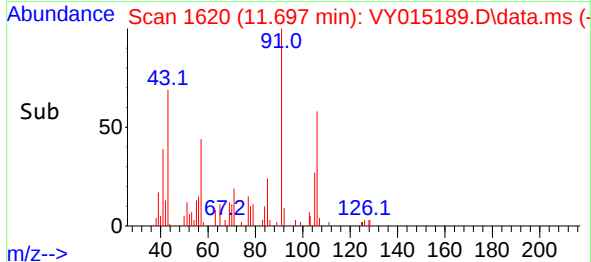
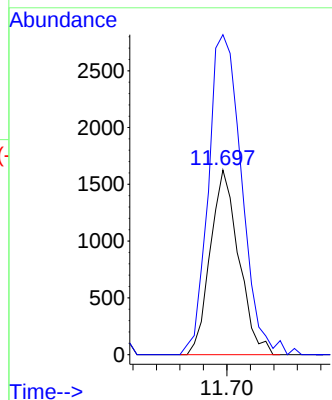
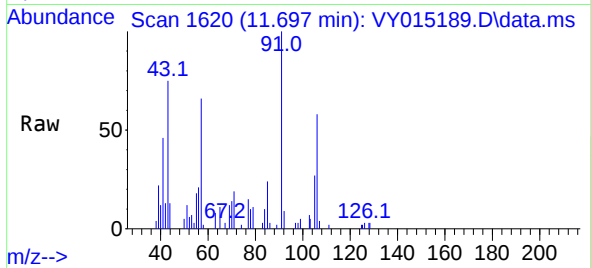




#68
m/p-Xylenes
Concen: 2.133 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

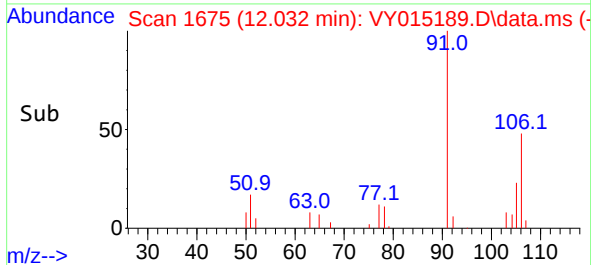
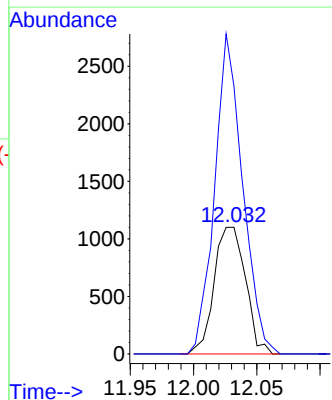
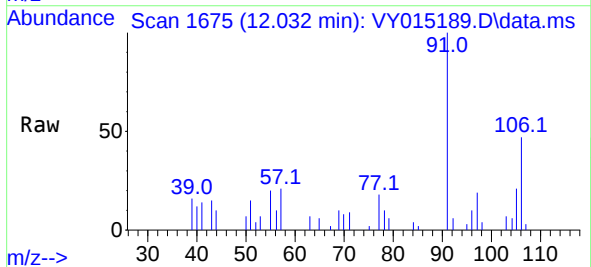
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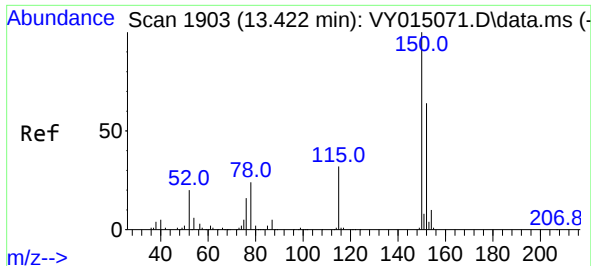
Tgt Ion:106 Resp: 2739
Ion Ratio Lower Upper
106 100
91 202.6 166.1 249.1



#69
o-Xylene
Concen: 1.486 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion:106 Resp: 1901
Ion Ratio Lower Upper
106 100
91 225.2 108.1 324.3

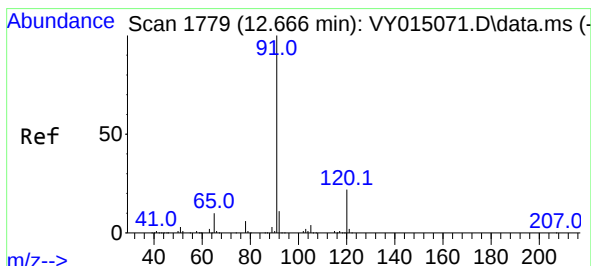
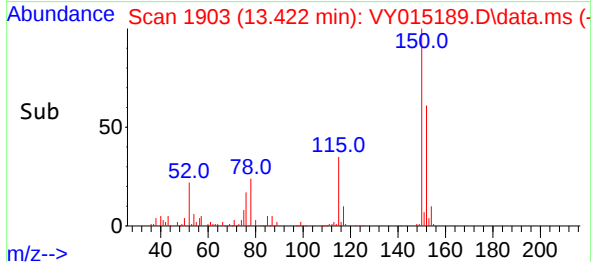
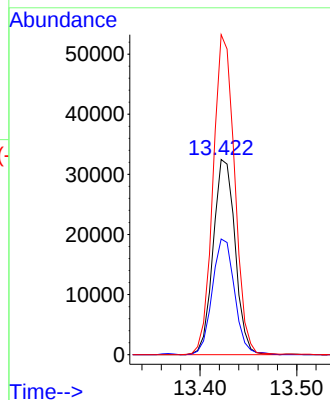
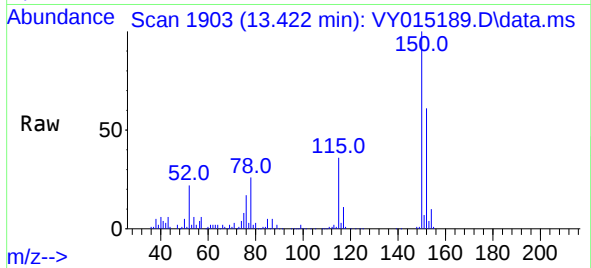




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

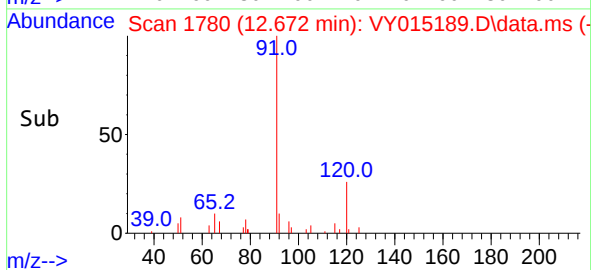
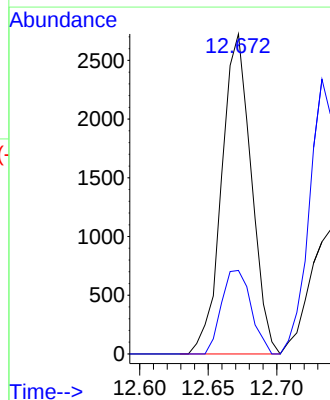
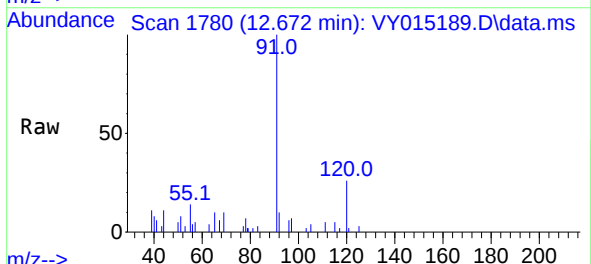
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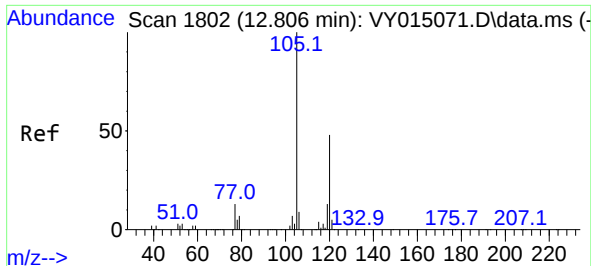
Tgt Ion:152 Resp: 51182
Ion Ratio Lower Upper
152 100
115 60.4 28.8 86.5
150 161.5 0.0 348.8



#78
n-propylbenzene
Concen: 1.049 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion: 91 Resp: 4101
Ion Ratio Lower Upper
91 100
120 26.1 11.5 34.4

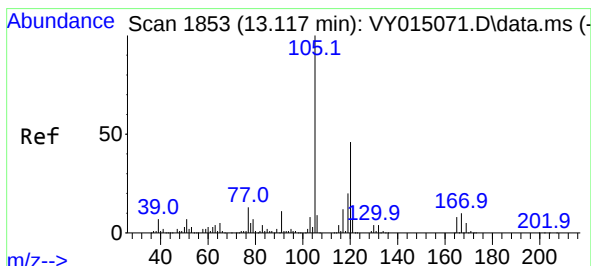
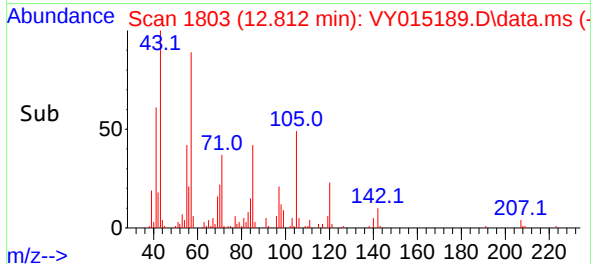
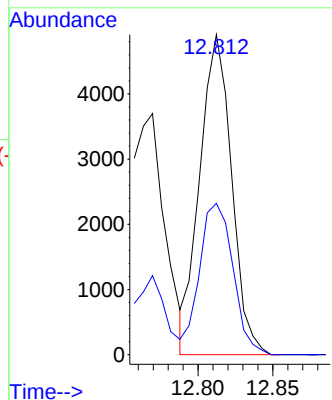
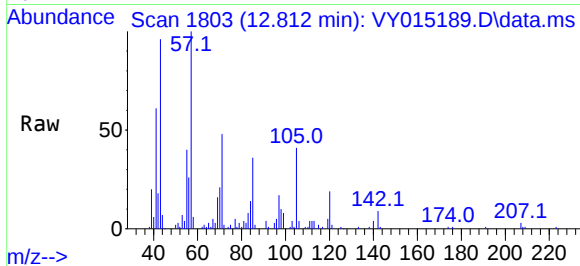




#80
1,3,5-Trimethylbenzene
Concen: 2.646 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

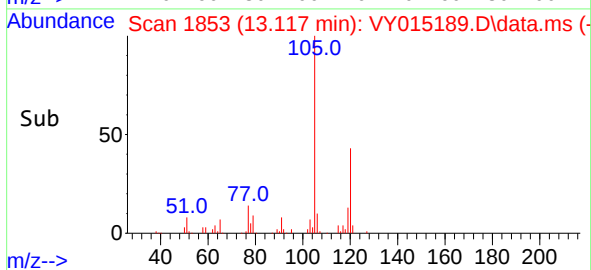
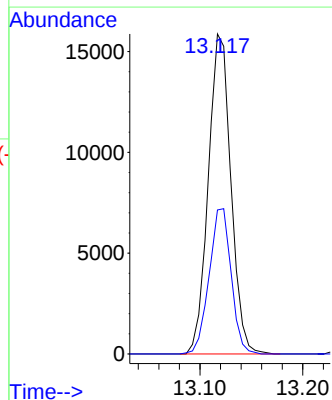
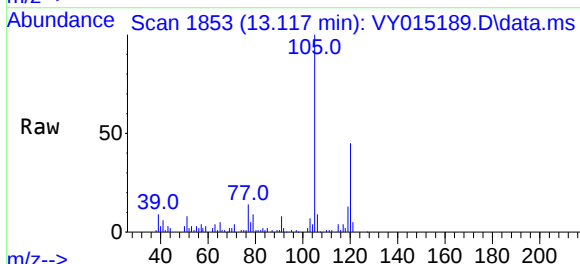
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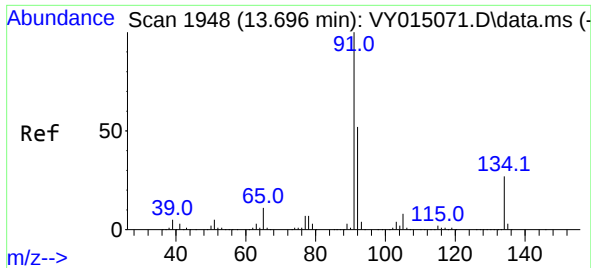
Tgt Ion:105 Resp: 7259
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7



#84
1,2,4-Trimethylbenzene
Concen: 8.845 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015189.D
Acq: 18 Aug 2023 12:24

Tgt Ion:105 Resp: 24247
Ion Ratio Lower Upper
105 100
120 44.2 22.2 66.6





#89

n-Butylbenzene

Concen: 1.399 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015189.D

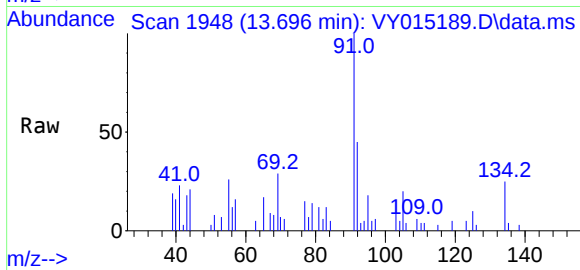
Acq: 18 Aug 2023 12:24

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion: 91 Resp: 4021

Ion Ratio Lower Upper

91 100

92 38.6 25.4 76.0

134 0.0 12.6 37.6#

