

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081423\
 Data File : VY015085.D
 Acq On : 14 Aug 2023 17:35
 Operator : SY/MD
 Sample : 03954-04
 Misc : 3.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16

Quant Time: Aug 15 02:22:55 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)

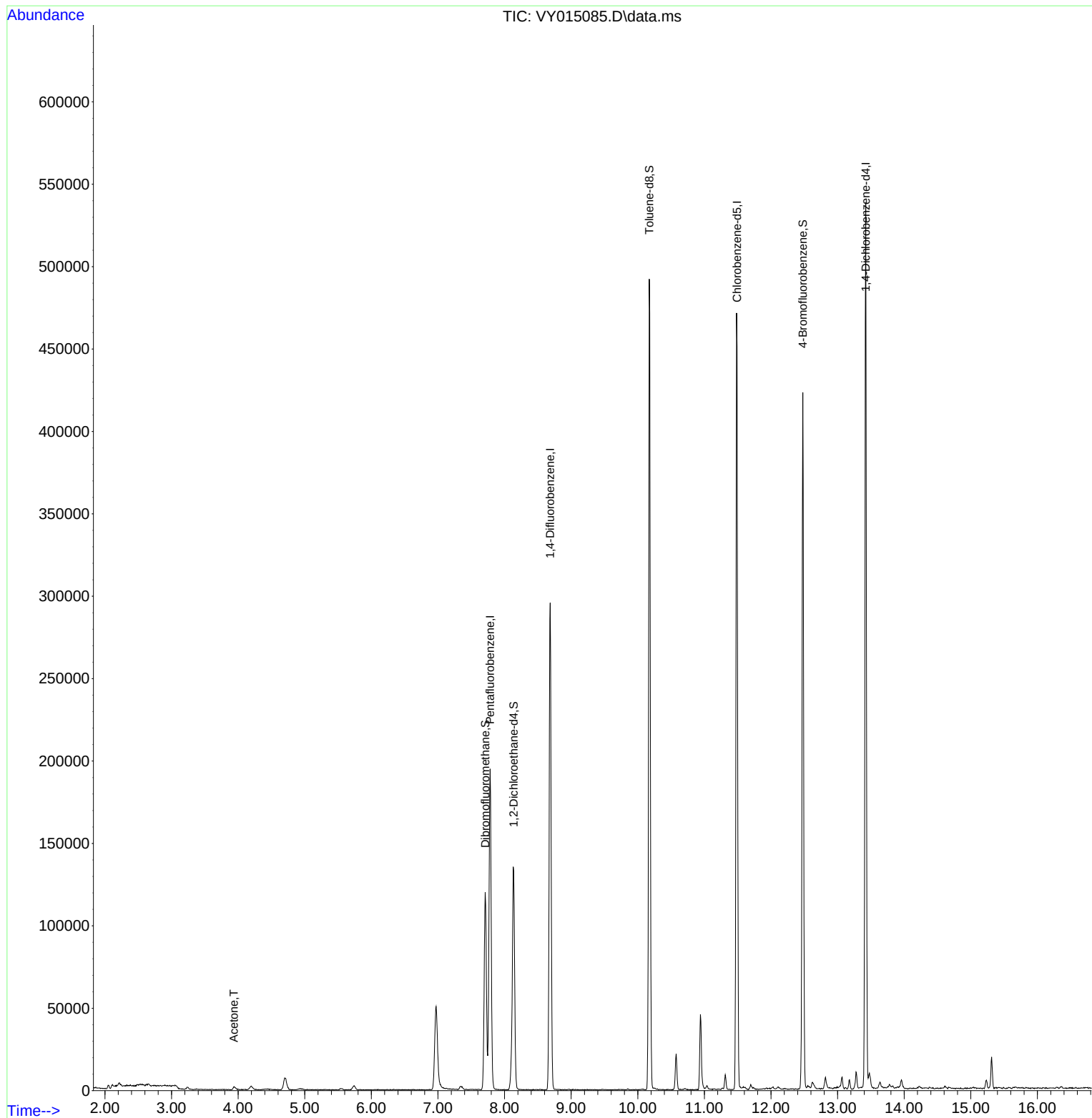
Internal Standards						
1) Pentafluorobenzene	7.783	168	151182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263710	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	101322	55.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	83466	49.198	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.173	98	316166	50.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.477	95	121449	52.650	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.300%
Target Compounds						
16) Acetone	3.936	43	3053	5.150	ug/l	Qvalue 91

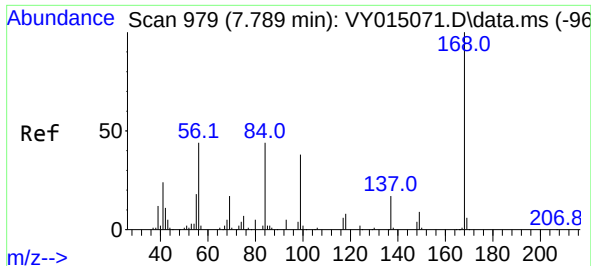
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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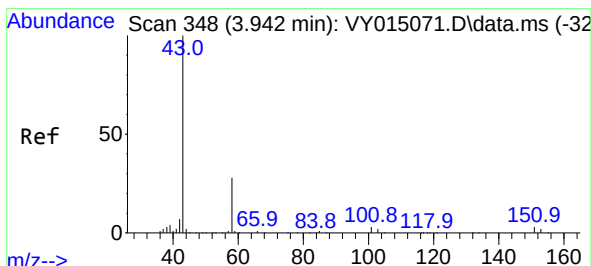
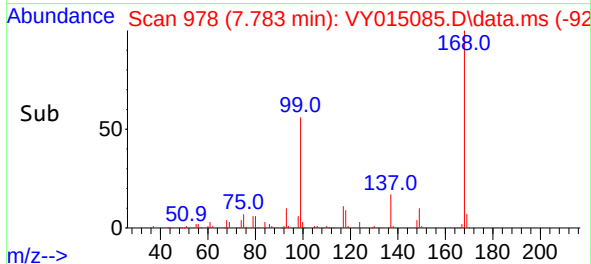
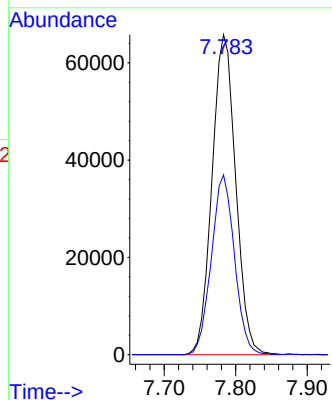
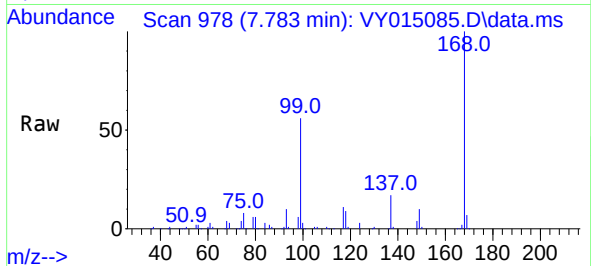




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

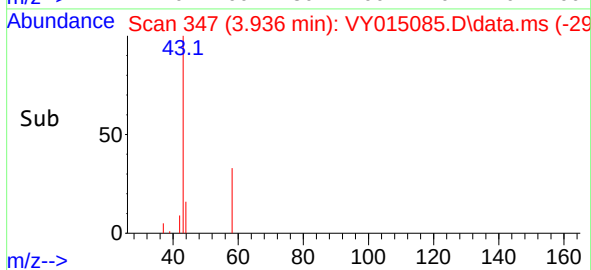
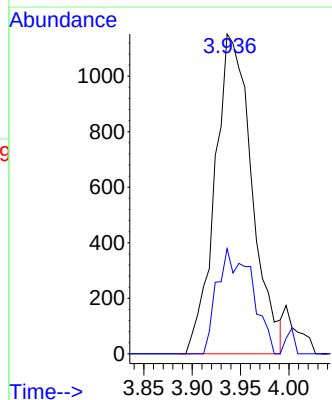
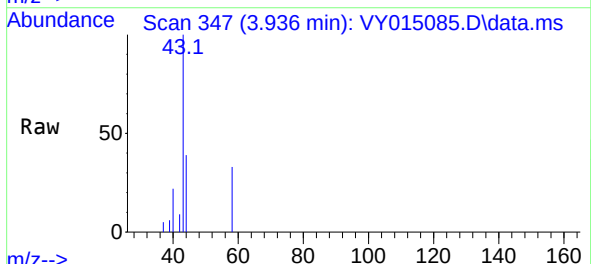
Instrument :
MSVOA_Y
ClientSampleId :
WC-16

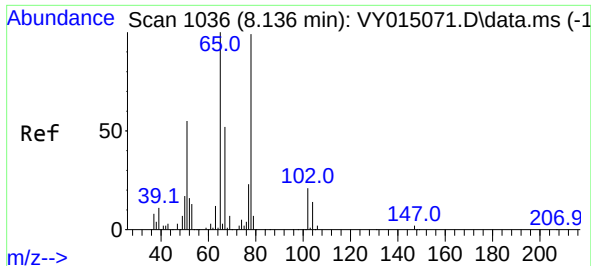
Tgt Ion:168 Resp: 151182
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0



#16
Acetone
Concen: 5.150 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 43 Resp: 3053
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

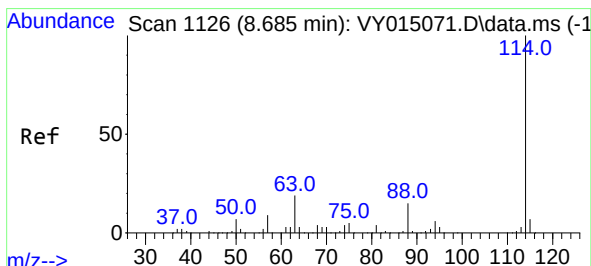
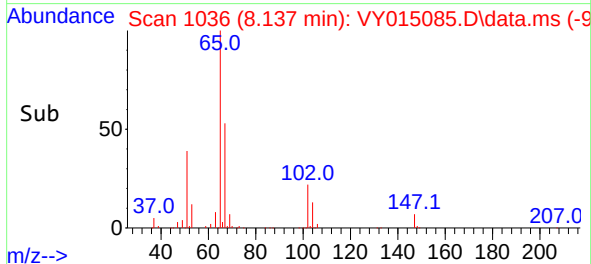
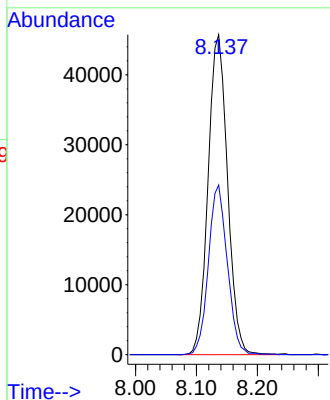
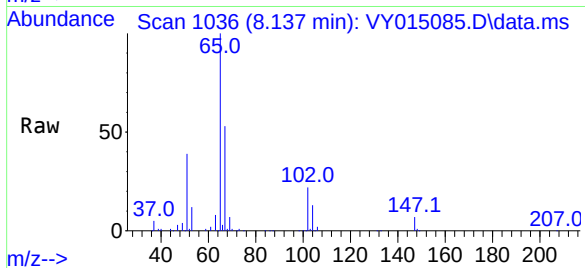




#33
 1,2-Dichloroethane-d4
 Concen: 55.831 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015085.D
 Acq: 14 Aug 2023 17:35

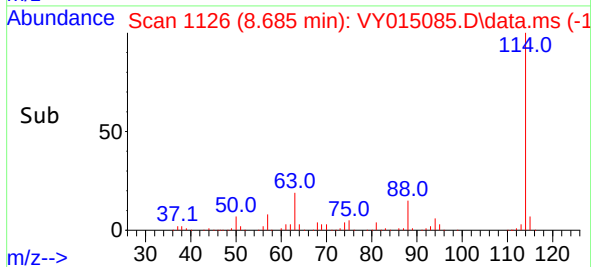
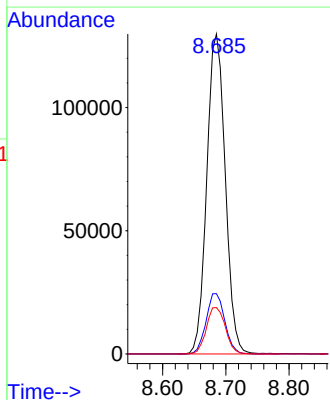
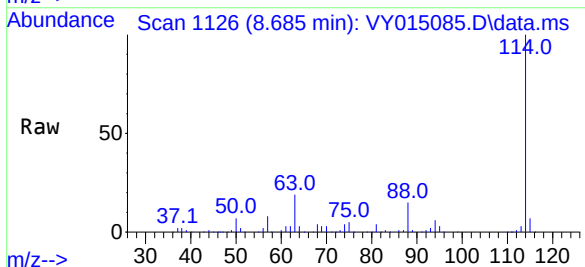
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-16

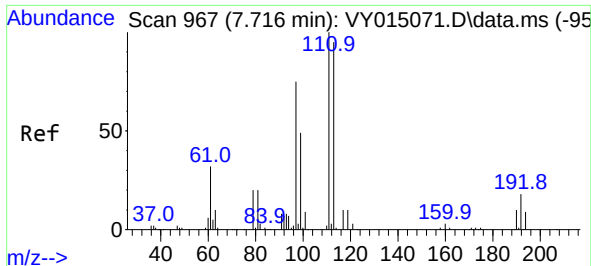
Tgt Ion: 65 Resp: 101322
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015085.D
 Acq: 14 Aug 2023 17:35

Tgt Ion: 114 Resp: 263710
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.5 0.0 30.6

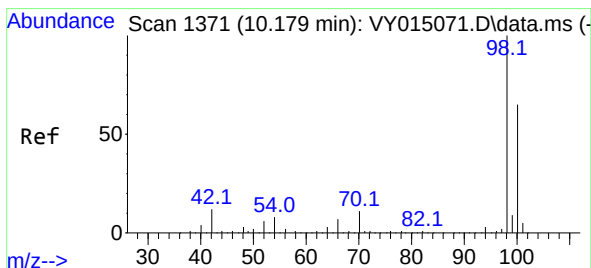
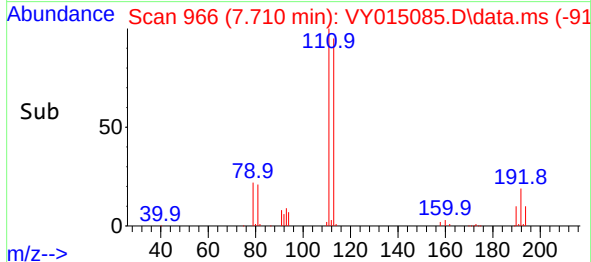
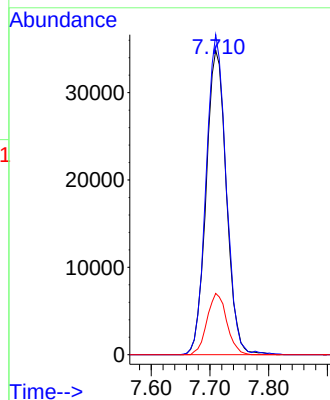
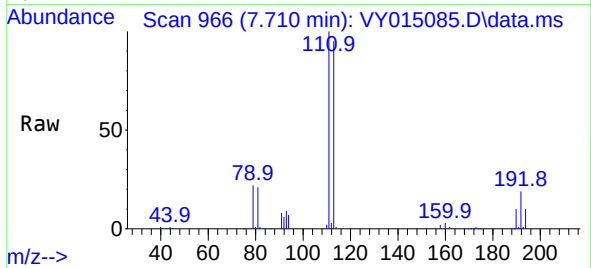




#35
Dibromofluoromethane
Concen: 49.198 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

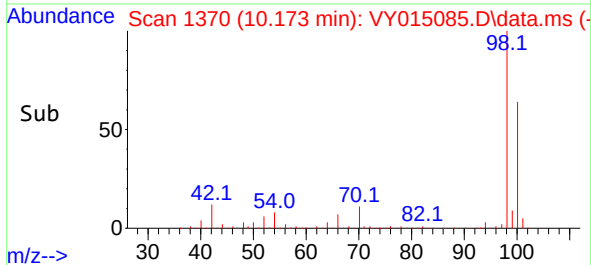
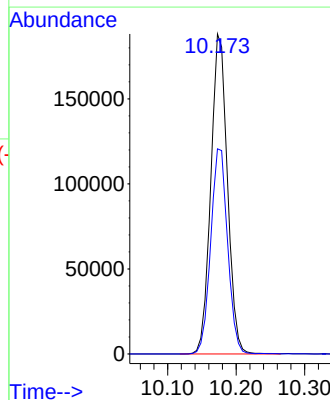
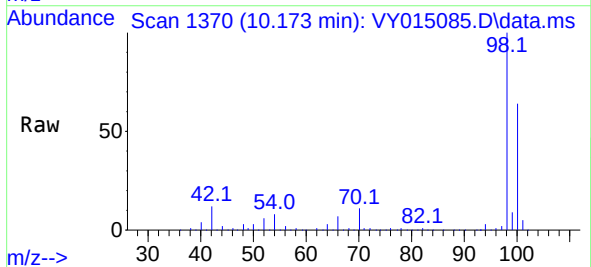
Instrument :
MSVOA_Y
ClientSampleId :
WC-16

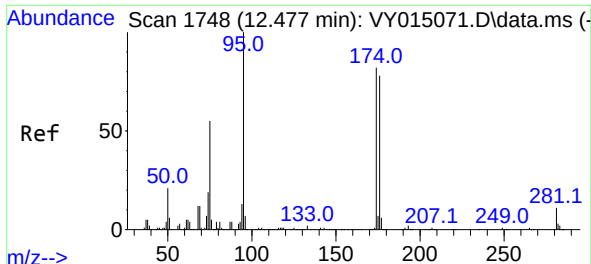
Tgt Ion:113 Resp: 83466
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 98 Resp: 316166
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

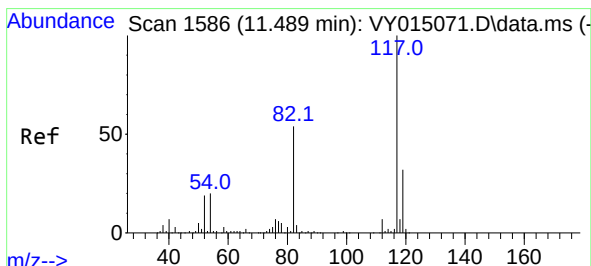
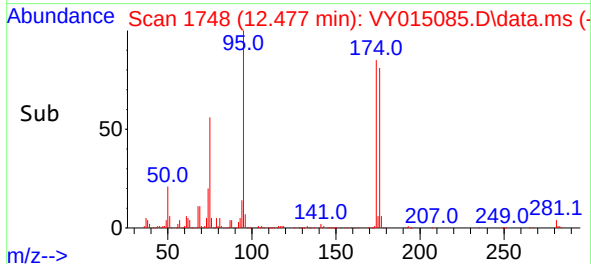
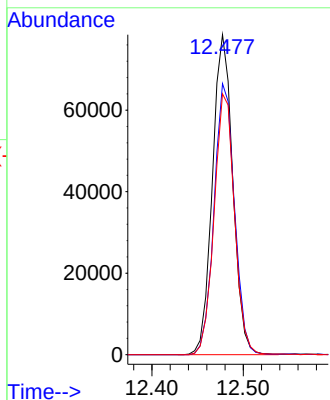
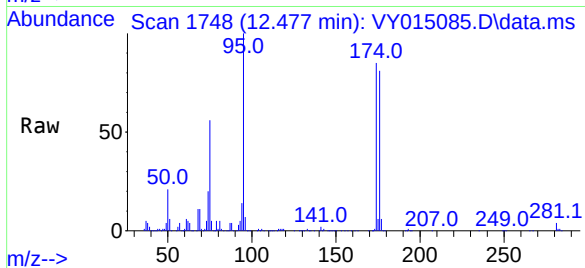




#62
4-Bromofluorobenzene
Concen: 52.650 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

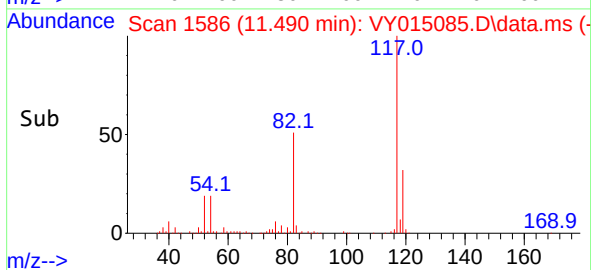
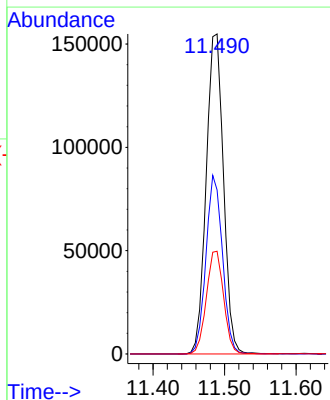
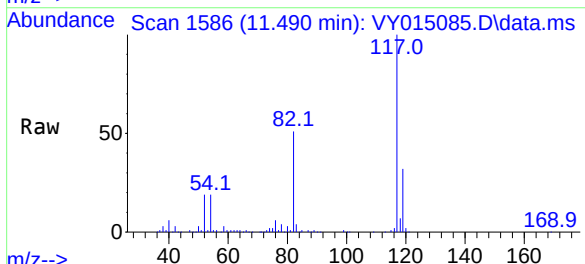
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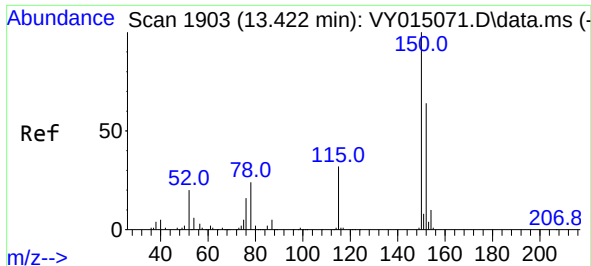
Tgt Ion: 95 Resp: 121449
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 81.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015085.D
Acq: 14 Aug 2023 17:35

Tgt Ion: 117 Resp: 259653
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.1 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: VY015085.D

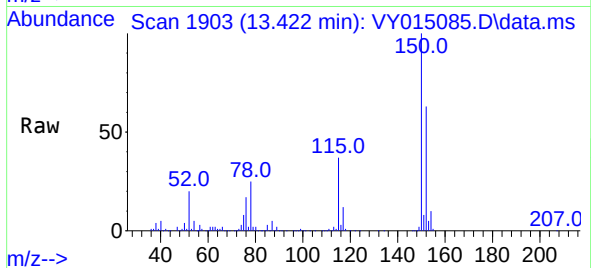
Acq: 14 Aug 2023 17:35

Instrument :

MSVOA_Y

ClientSampleId :

WC-16



Tgt Ion:152 Resp: 132812

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 158.0 0.0 348.8

