

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015228.D
 Acq On : 21 Aug 2023 19:19
 Operator : SY/MD
 Sample : 04091-04
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-B

Quant Time: Aug 22 01:58:15 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)

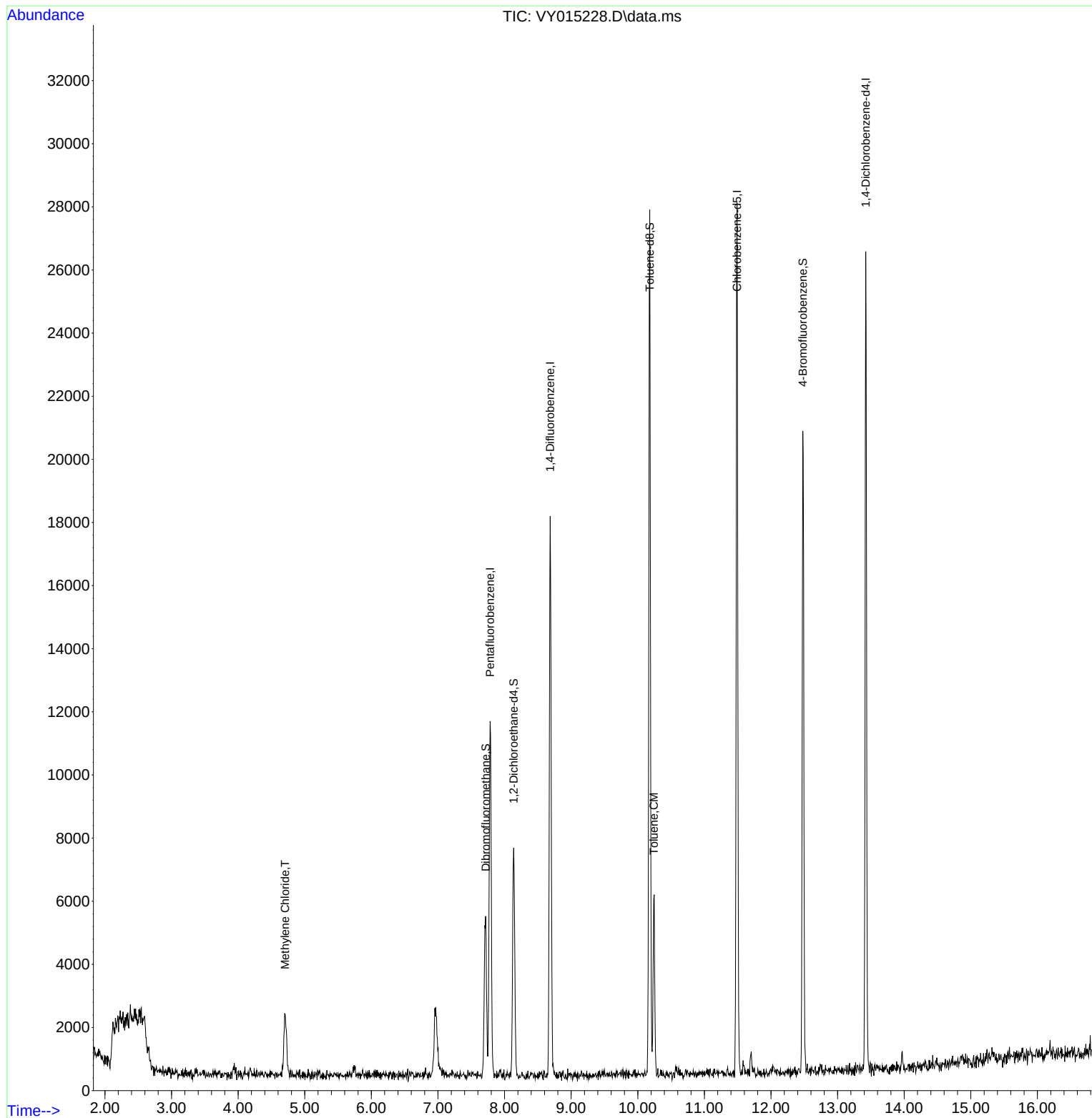
Internal Standards						
1) Pentafluorobenzene	7.783	168	9174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	15493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	15503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	6526	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	5815	52.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.600%
35) Dibromofluoromethane	7.716	113	3800	38.125	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.260%
50) Toluene-d8	10.179	98	18313	49.356	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.477	95	6509	48.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.060%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	1551	14.953	ug/l #	84
52) Toluene	10.240	92	2569	11.691	ug/l	95

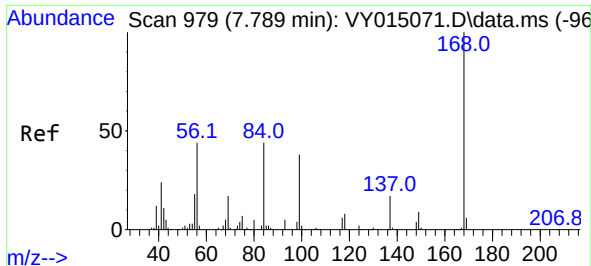
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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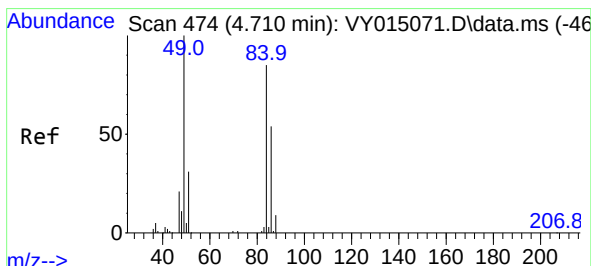
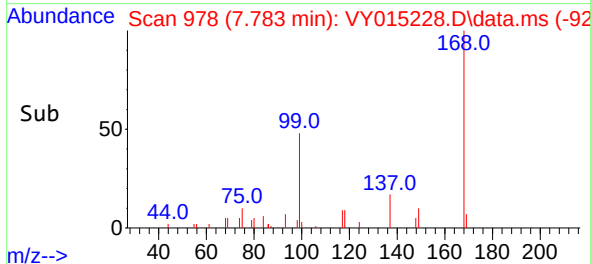
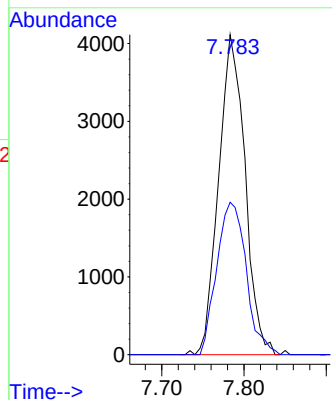
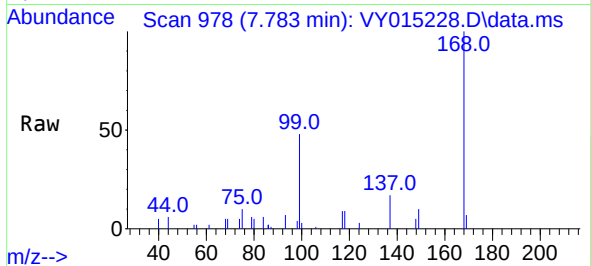




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

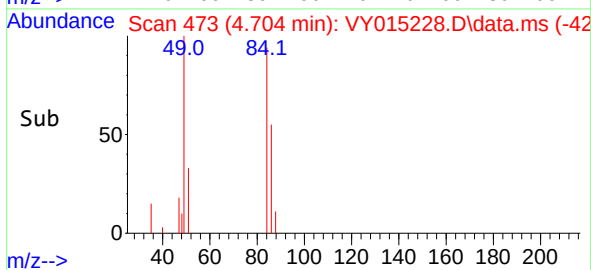
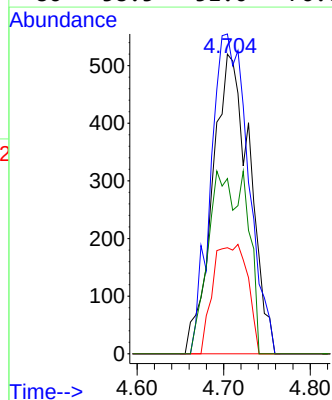
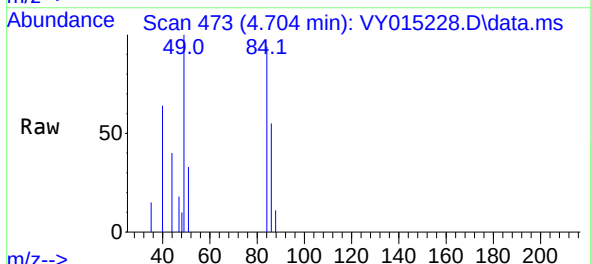
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

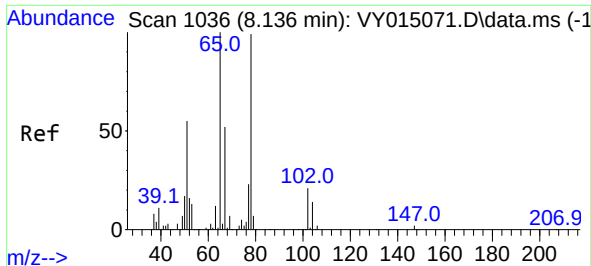
Tgt Ion:168 Resp: 9174
Ion Ratio Lower Upper
168 100
99 47.7 43.4 65.0



#20
Methylene Chloride
Concen: 14.953 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

Tgt Ion: 84 Resp: 1551
Ion Ratio Lower Upper
84 100
49 106.7 106.9 160.3#
51 35.4 33.2 49.8
86 58.5 51.0 76.6

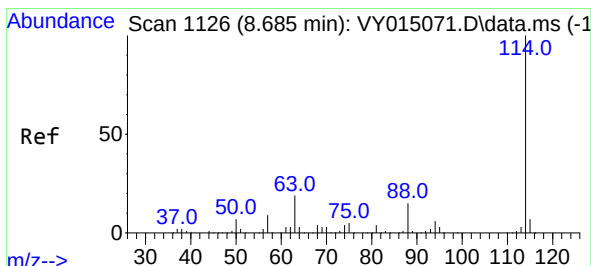
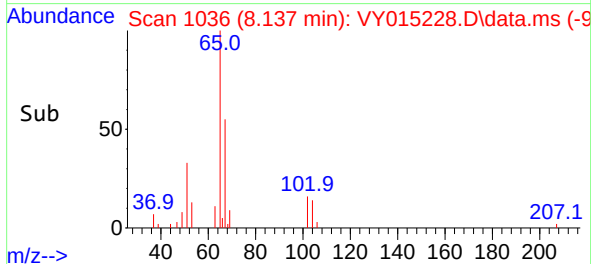
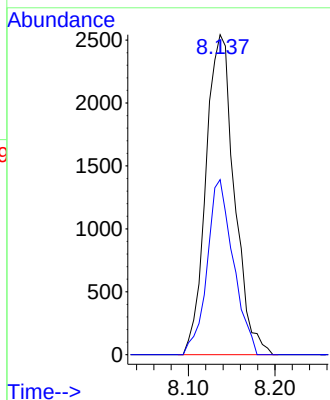
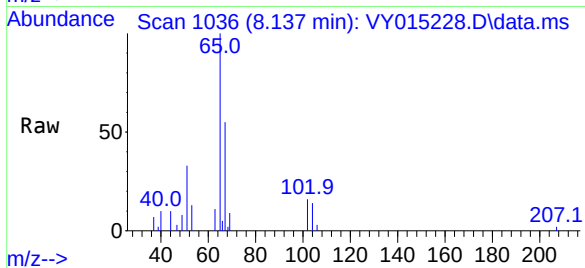




#33
1,2-Dichloroethane-d4
Concen: 52.803 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

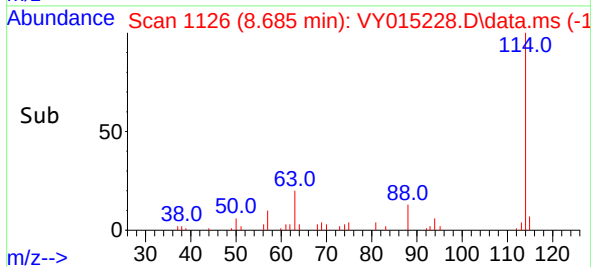
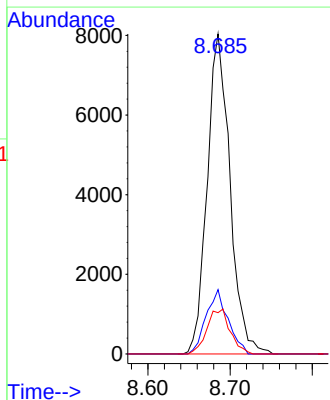
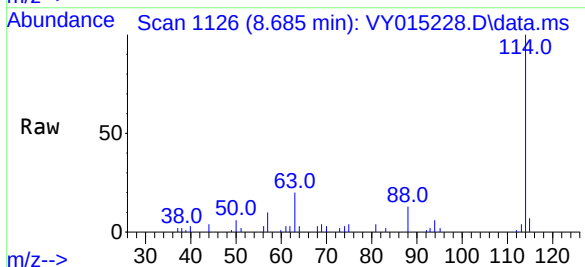
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

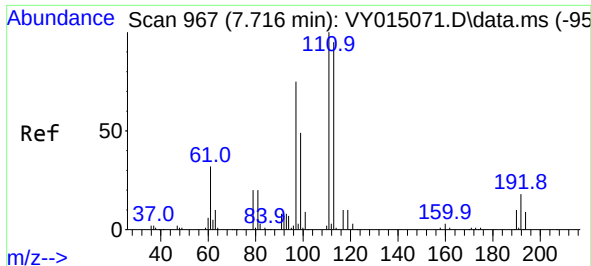
Tgt Ion: 65 Resp: 5815
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

Tgt Ion: 114 Resp: 15493
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.4
88 12.9 0.0 30.6

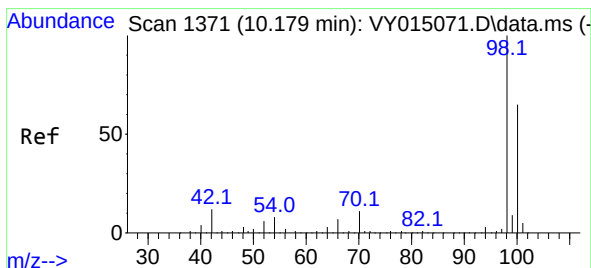
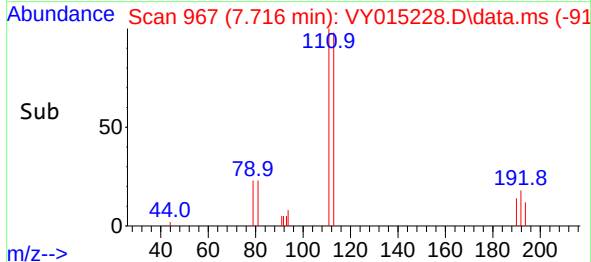
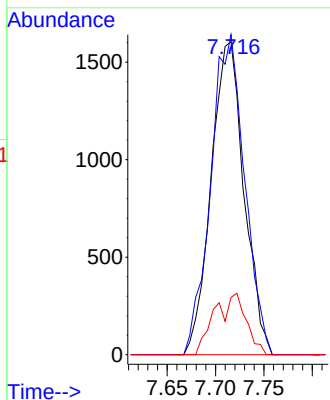
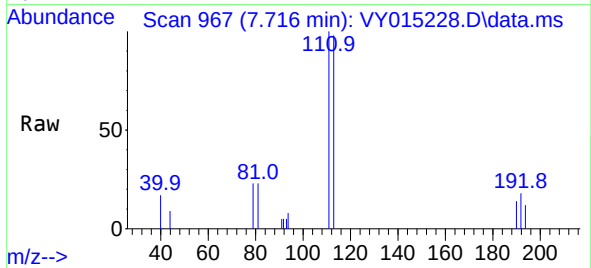




#35
Dibromofluoromethane
Concen: 38.125 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

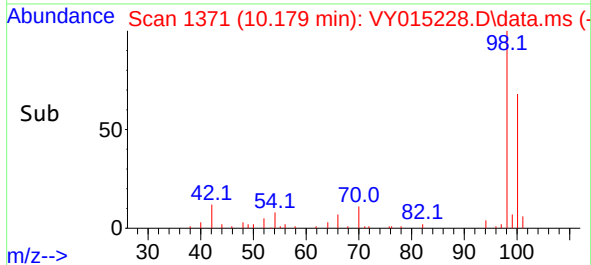
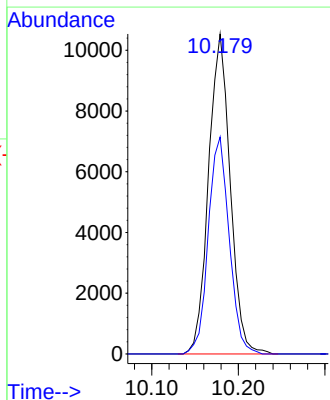
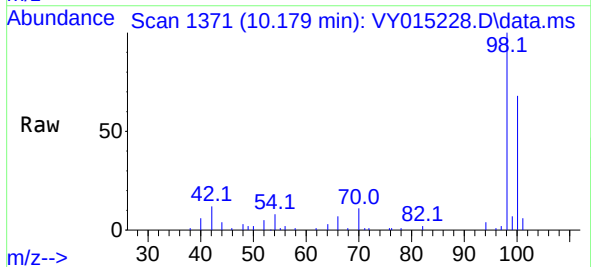
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

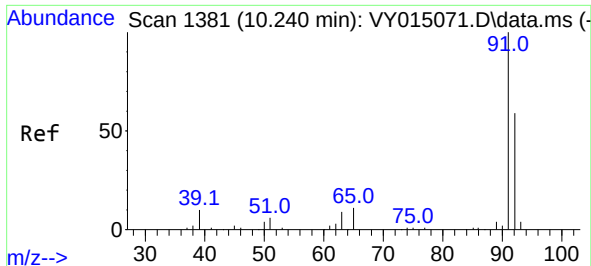
Tgt Ion:113 Resp: 3800
Ion Ratio Lower Upper
113 100
111 105.0 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 49.356 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

Tgt Ion: 98 Resp: 18313
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

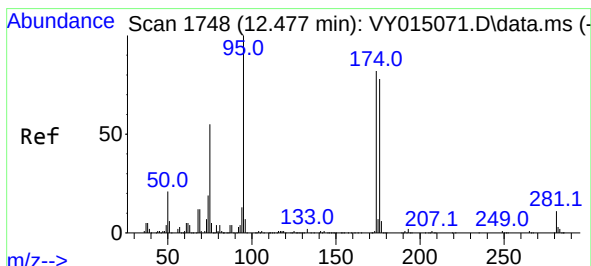
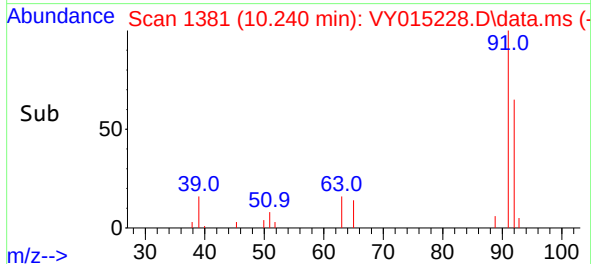
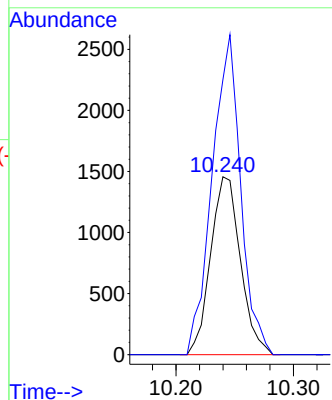
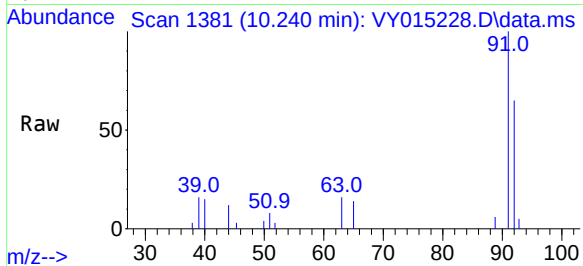




#52
Toluene
Concen: 11.691 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

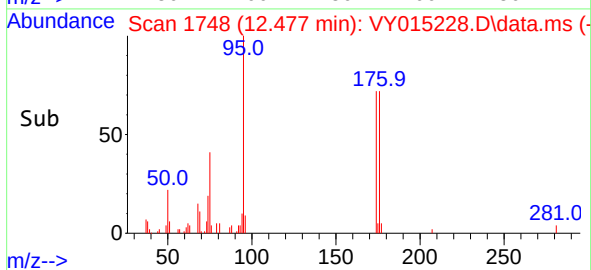
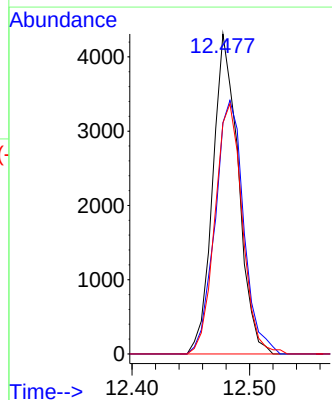
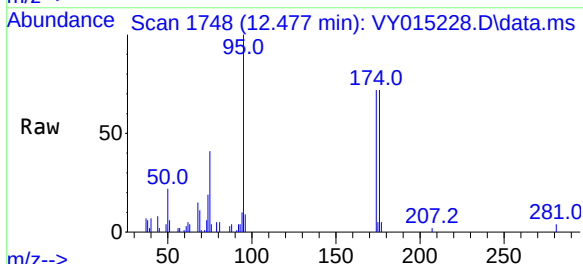
Instrument :
MSVOA_Y
ClientSampleId :
TP-B

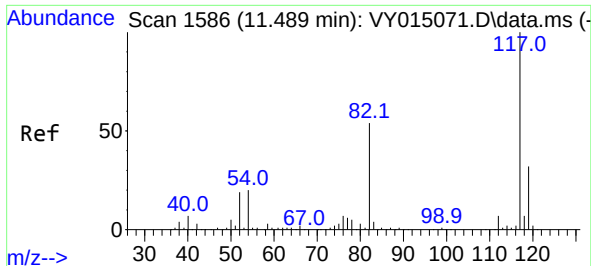
Tgt Ion: 92 Resp: 2569
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 48.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

Tgt Ion: 95 Resp: 6509
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 83.8 0.0 173.8

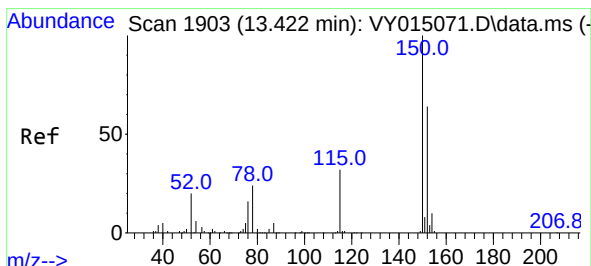
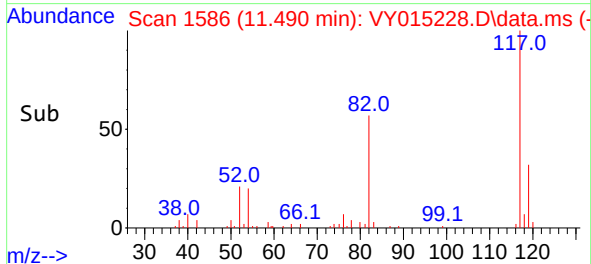
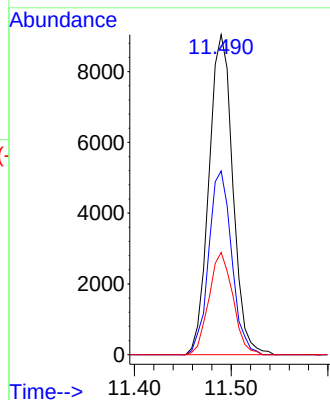
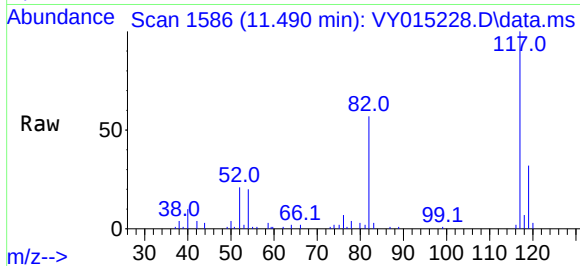




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015228.D
Acq: 21 Aug 2023 19:19

Instrument :
MSVOA_Y
ClientSampleId :
TP-B

Tgt Ion:	117	Resp:	15503
Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.4	65.0
119	32.0	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: VY015228.D
Acq: 21 Aug 2023 19:19

Tgt Ion:	152	Resp:	6526
Ion	Ratio	Lower	Upper
152	100		
115	63.8	28.8	86.5
150	162.2	0.0	348.8

