

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015227.D
 Acq On : 21 Aug 2023 18:56
 Operator : SY/MD
 Sample : 04091-01
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-A

Quant Time: Aug 22 01:57:54 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)

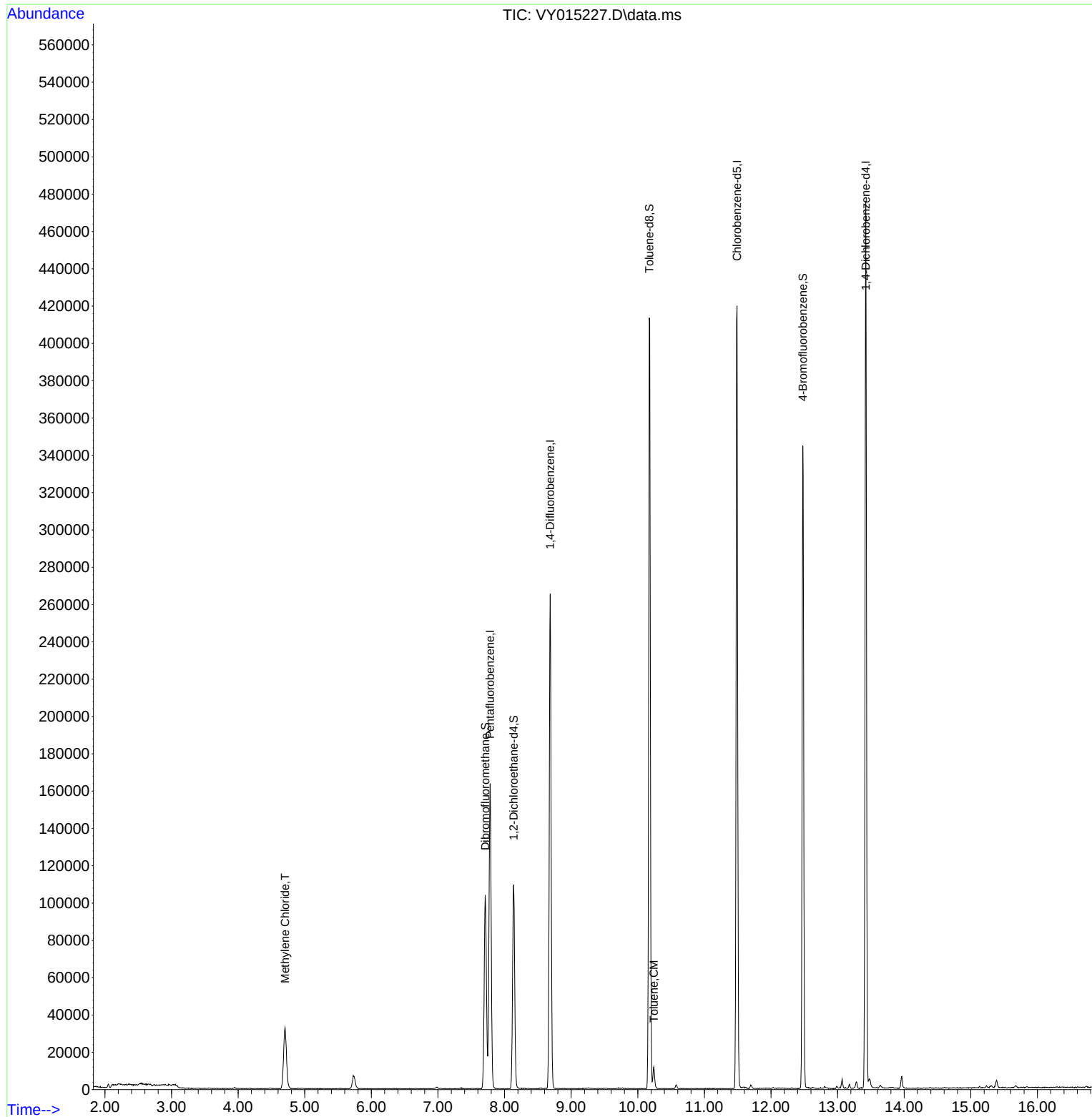
Internal Standards						
1) Pentafluorobenzene	7.783	168	126320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	223813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86021	56.729	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.460%	
35) Dibromofluoromethane	7.710	113	72607	50.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.173	98	273407	51.009	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.477	95	106662	54.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.960%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	25148	18.447	ug/l	91
52) Toluene	10.240	92	4648	1.464	ug/l	96

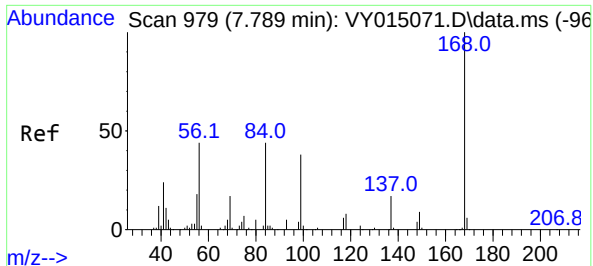
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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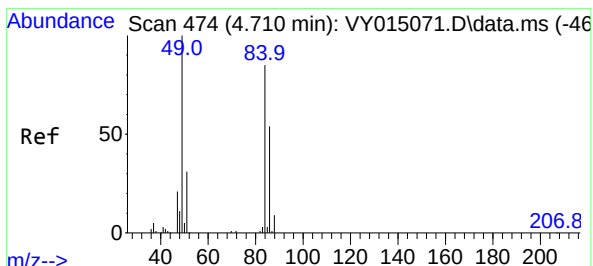
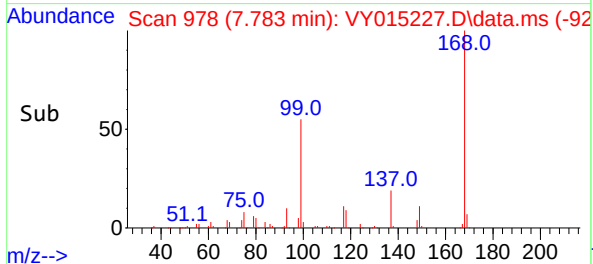
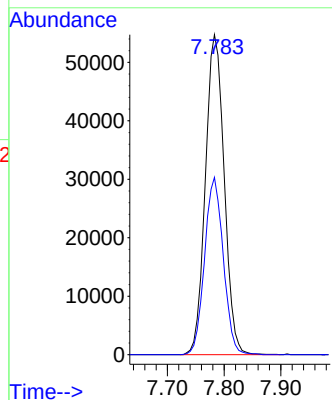
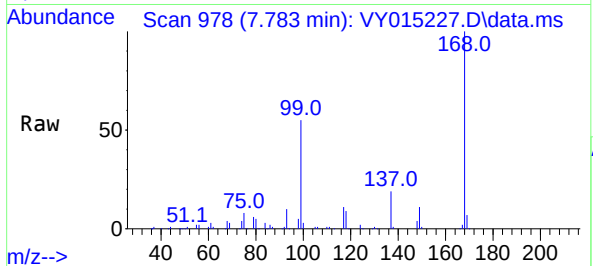




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

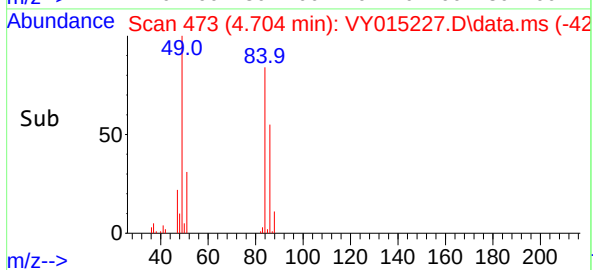
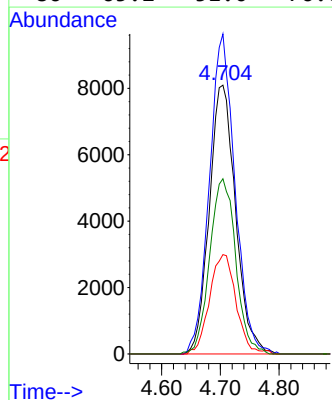
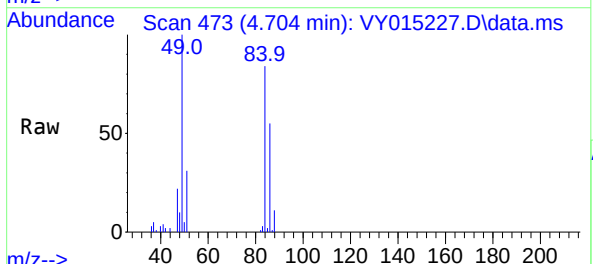
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

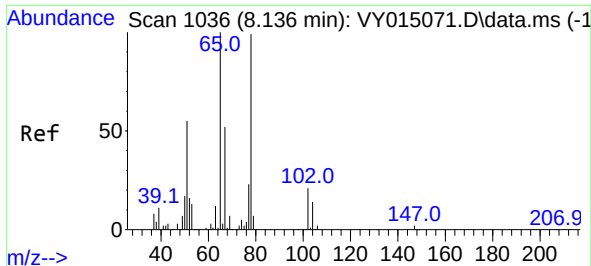
Tgt Ion:168 Resp: 126320
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#20
Methylene Chloride
Concen: 18.447 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

Tgt Ion: 84 Resp: 25148
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 37.0 33.2 49.8
86 65.2 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.729 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015227.D

Acq: 21 Aug 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

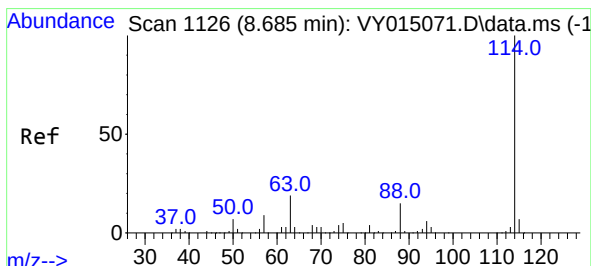
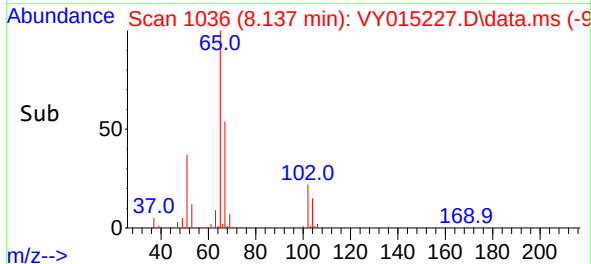
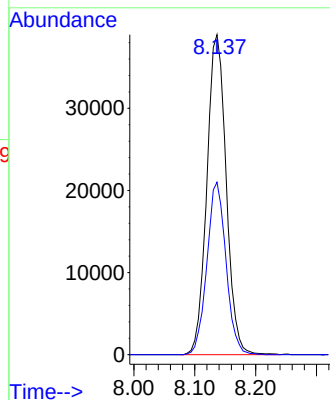
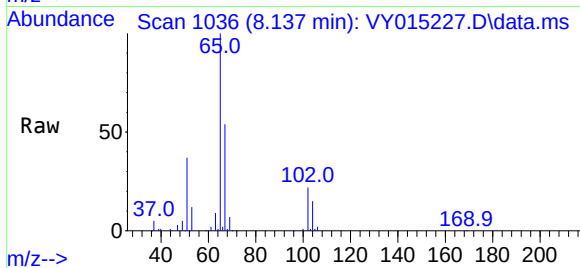
TP-A

Tgt Ion: 65 Resp: 86021

Ion Ratio Lower Upper

65 100

67 53.1 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: VY015227.D

Acq: 21 Aug 2023 18:56

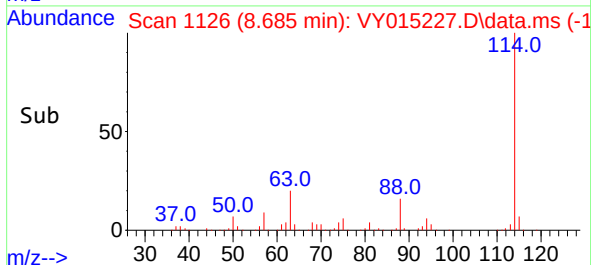
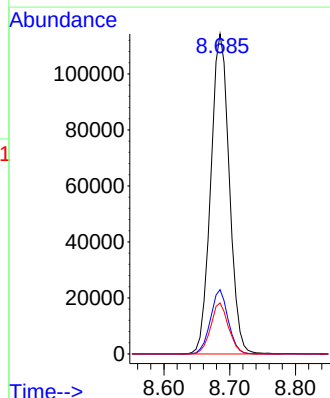
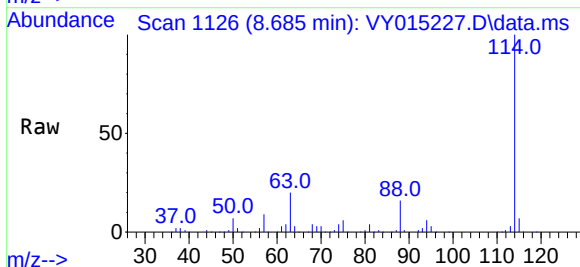
Tgt Ion: 114 Resp: 223813

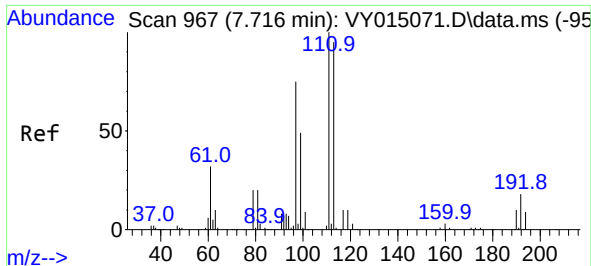
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.9 0.0 30.6

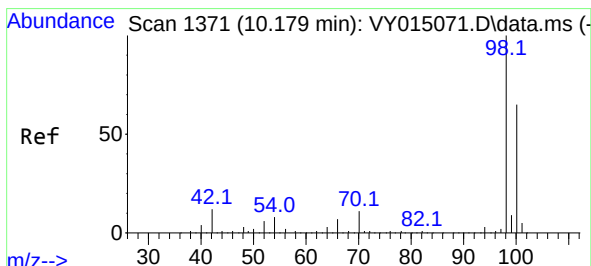
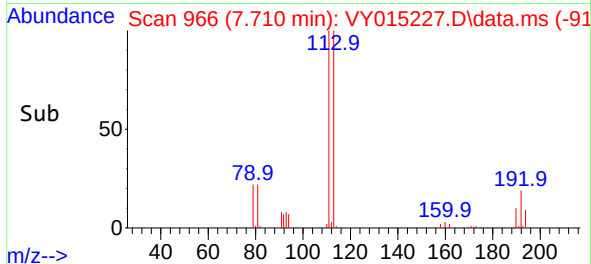
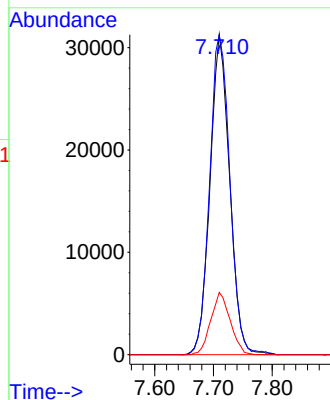
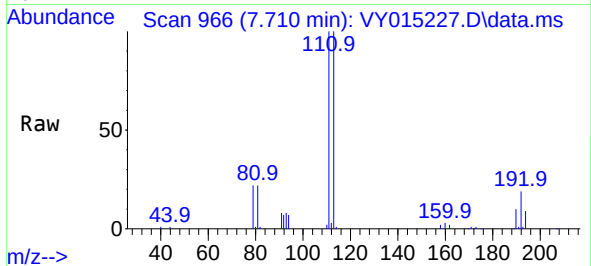




#35
Dibromofluoromethane
Concen: 50.426 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

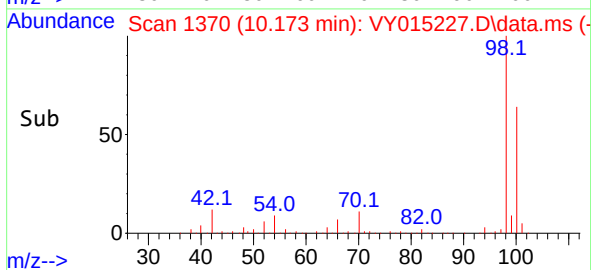
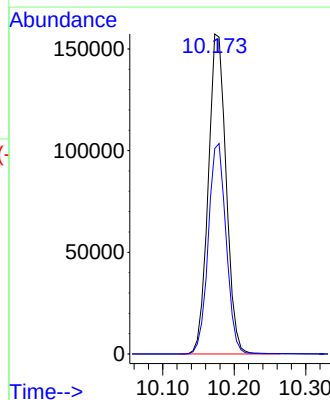
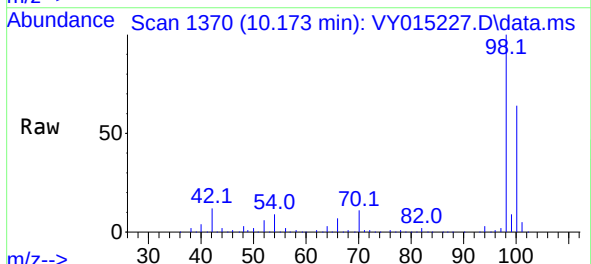
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

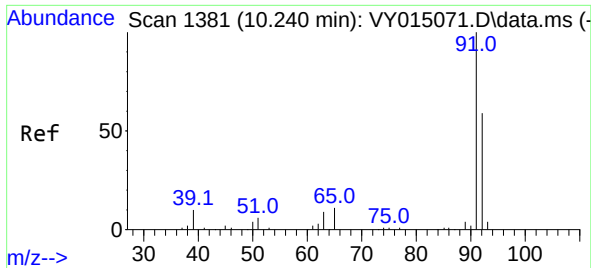
Tgt Ion:113 Resp: 72607
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 51.009 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

Tgt Ion: 98 Resp: 273407
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

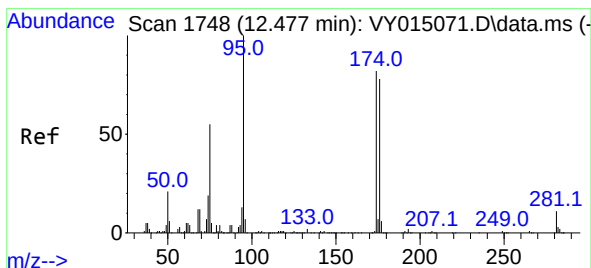
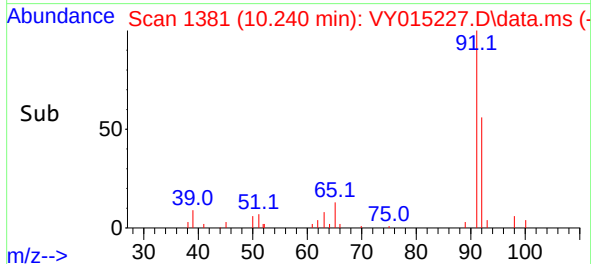
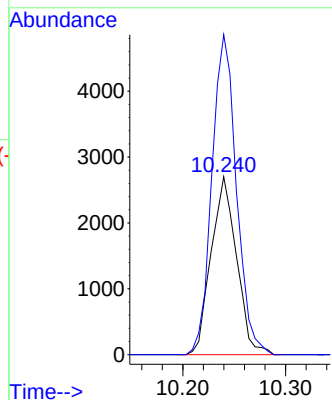
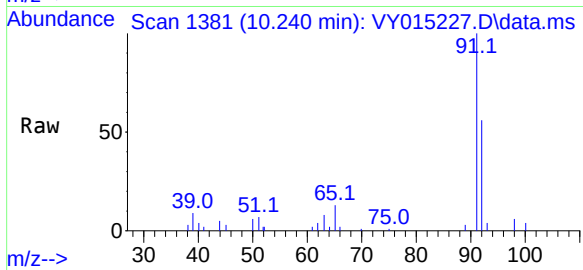




#52
Toluene
Concen: 1.464 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

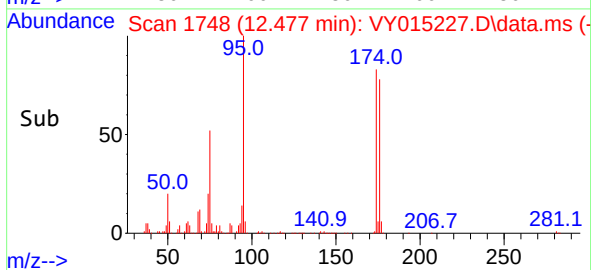
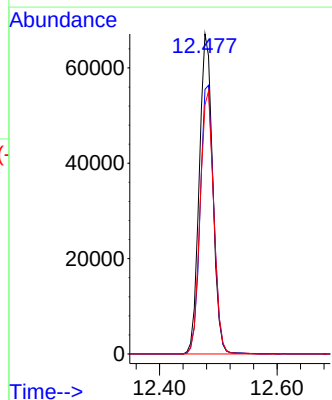
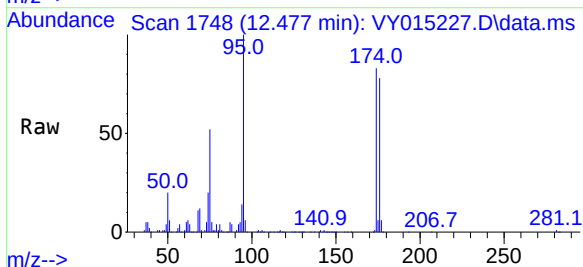
Instrument :
MSVOA_Y
ClientSampleId :
TP-A

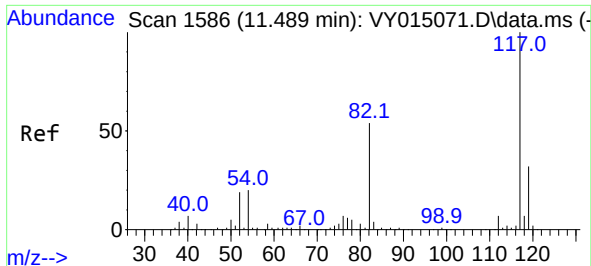
Tgt Ion: 92 Resp: 4648
Ion Ratio Lower Upper
92 100
91 173.5 143.8 215.6



#62
4-Bromofluorobenzene
Concen: 54.483 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

Tgt Ion: 95 Resp: 106662
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 83.0 0.0 173.8

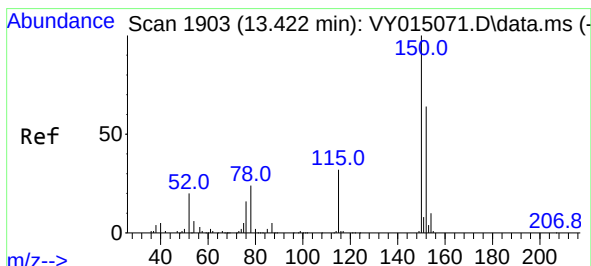
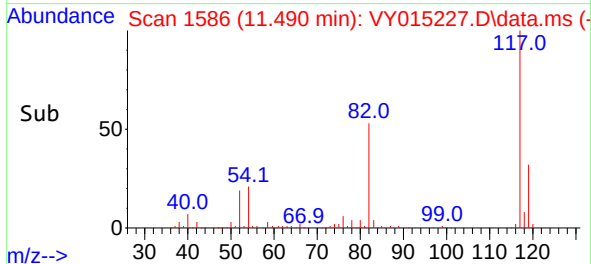
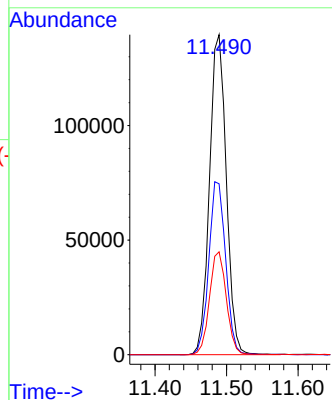
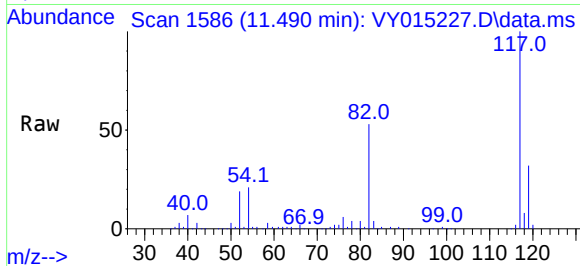




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015227.D
Acq: 21 Aug 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :
TP-A

Tgt Ion:117 Resp: 228074
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.2 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: VY015227.D
Acq: 21 Aug 2023 18:56

Tgt Ion:152 Resp: 116473
Ion Ratio Lower Upper
152 100
115 59.0 28.8 86.5
150 159.6 0.0 348.8

