

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081723\
 Data File : VY015174.D
 Acq On : 17 Aug 2023 16:05
 Operator : SY/MD
 Sample : 04042-01
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-376

Quant Time: Aug 18 00:54:43 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)

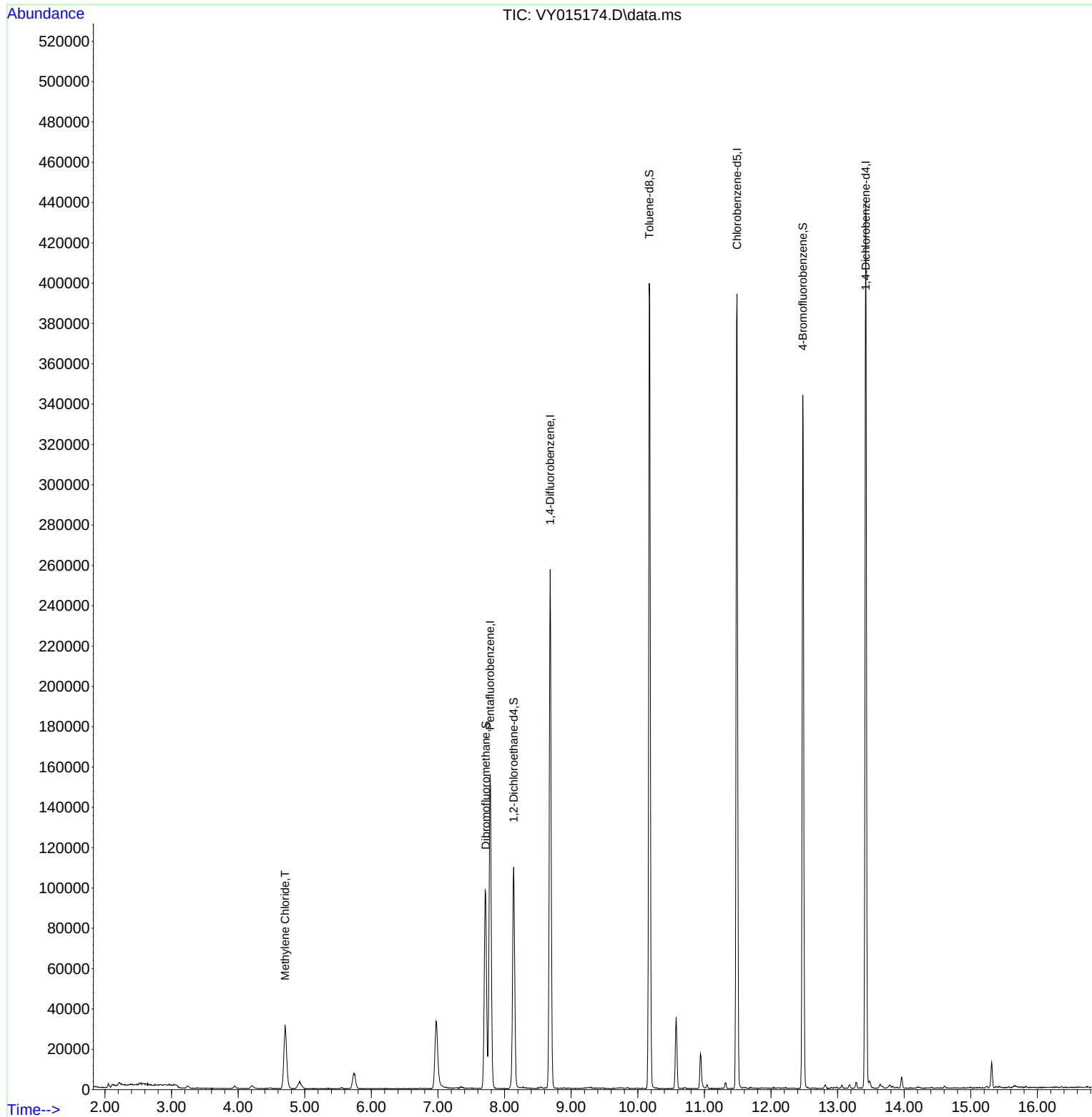
Internal Standards						
1) Pentafluorobenzene	7.783	168	120581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109615	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	83281	57.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.080%	
35) Dibromofluoromethane	7.716	113	69643	50.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.173	98	259367	50.232	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.460%	
62) 4-Bromofluorobenzene	12.477	95	97439	51.667	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.340%	
Target Compounds						
20) Methylene Chloride	4.704	84	22993	17.469	ug/l	Qvalue 91

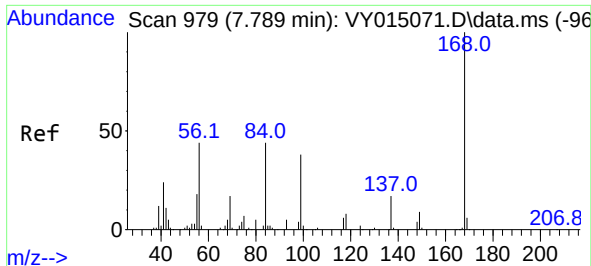
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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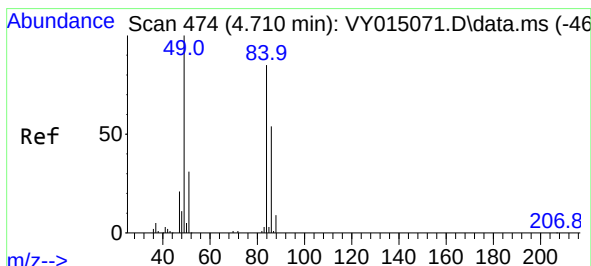
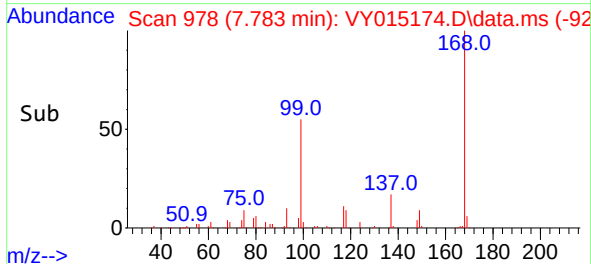
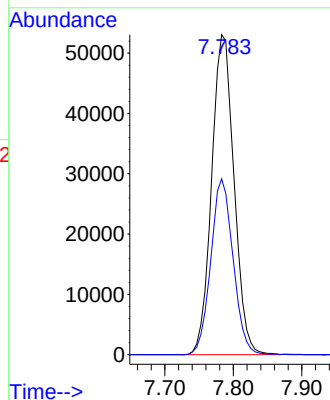
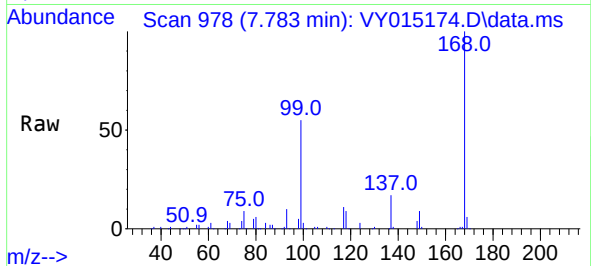




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

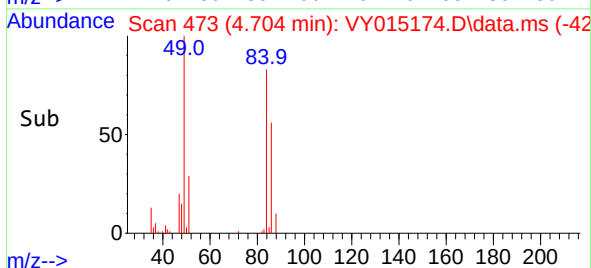
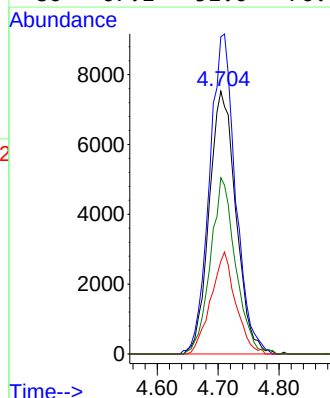
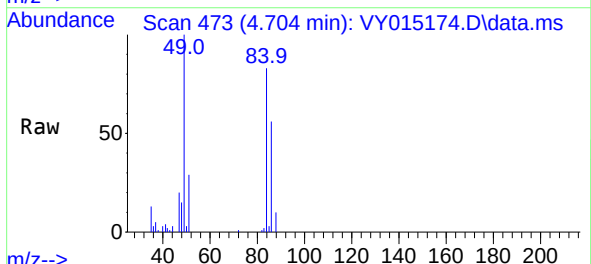
Instrument :
MSVOA_Y
ClientSampleId :
TP-376

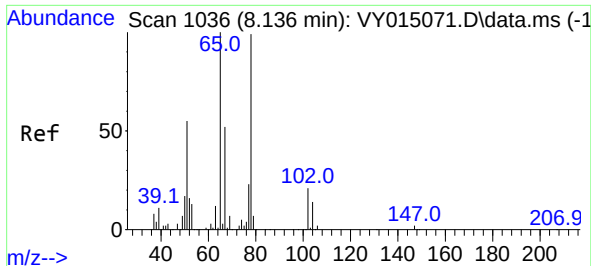
Tgt Ion:168 Resp: 120581
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 17.469 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

Tgt Ion: 84 Resp: 22993
Ion Ratio Lower Upper
84 100
49 120.7 106.9 160.3
51 35.3 33.2 49.8
86 67.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.536 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015174.D

Acq: 17 Aug 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

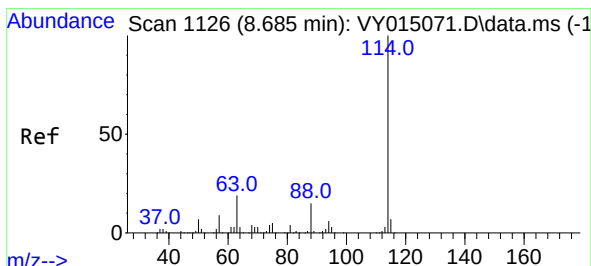
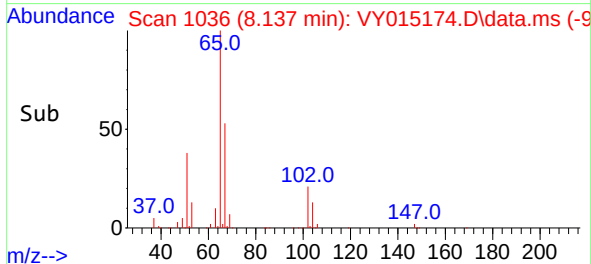
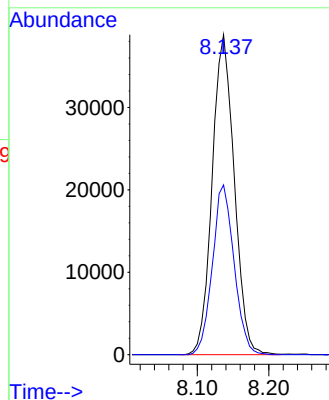
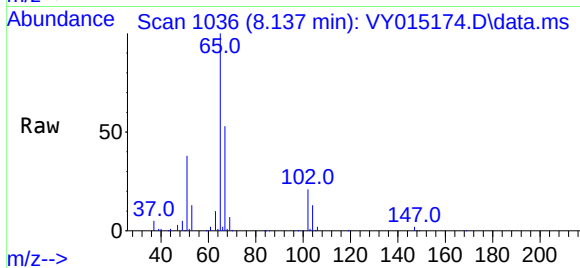
TP-376

Tgt Ion: 65 Resp: 83281

Ion Ratio Lower Upper

65 100

67 52.1 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: VY015174.D

Acq: 17 Aug 2023 16:05

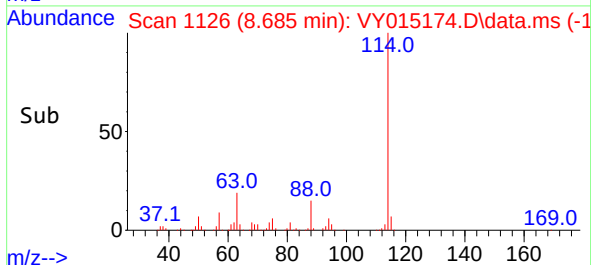
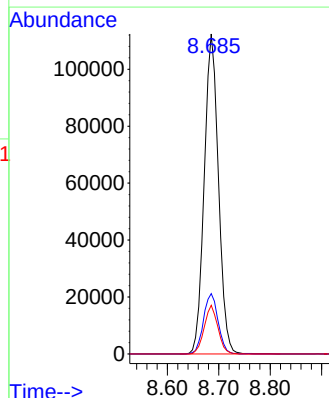
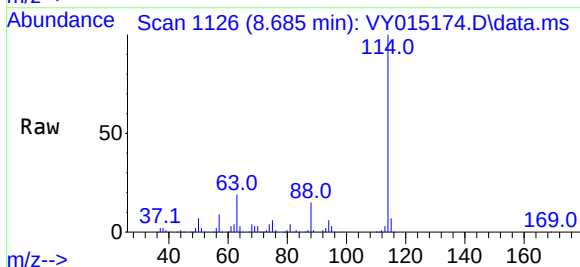
Tgt Ion: 114 Resp: 215602

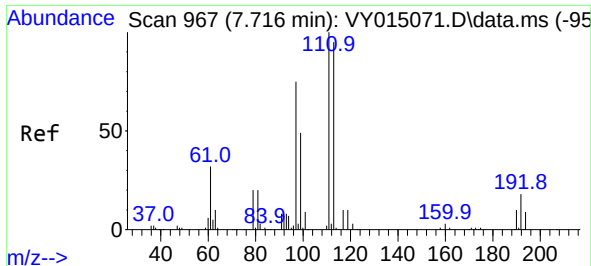
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.2 0.0 30.6

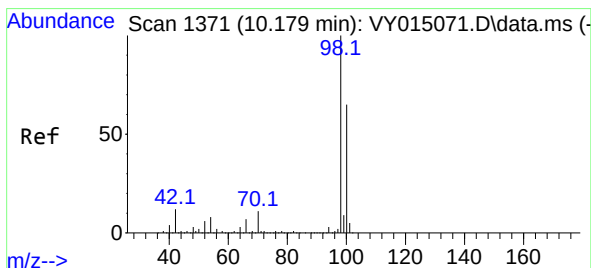
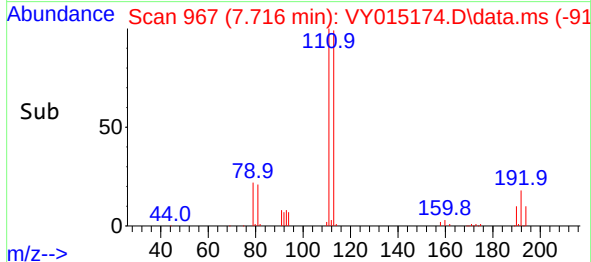
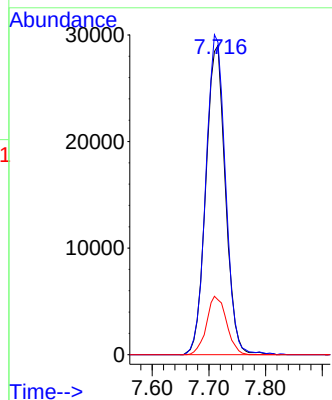
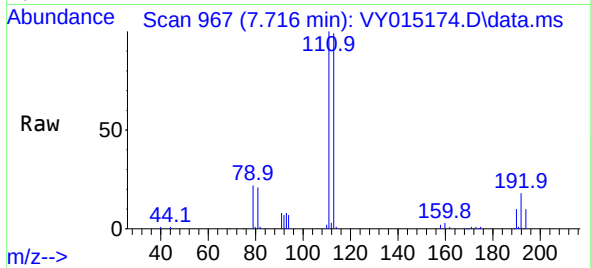




#35
Dibromofluoromethane
Concen: 50.210 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

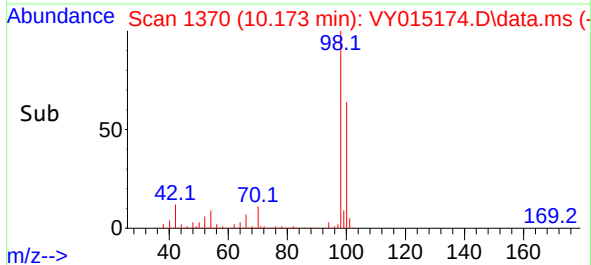
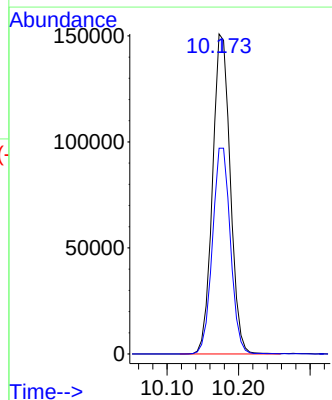
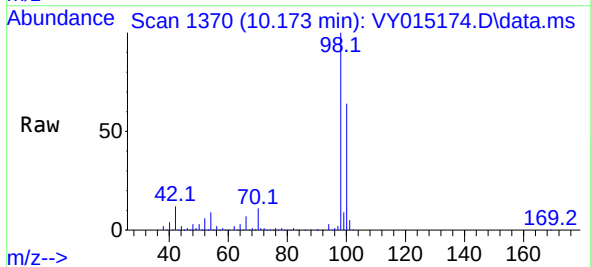
Instrument :
MSVOA_Y
ClientSampleId :
TP-376

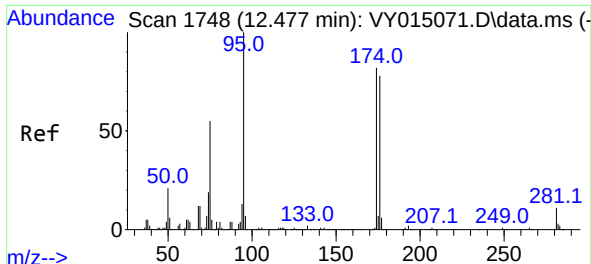
Tgt Ion:113 Resp: 69643
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.232 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

Tgt Ion: 98 Resp: 259367
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

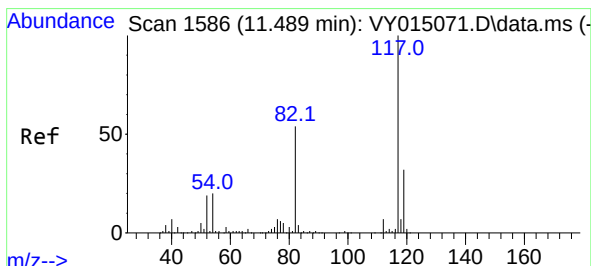
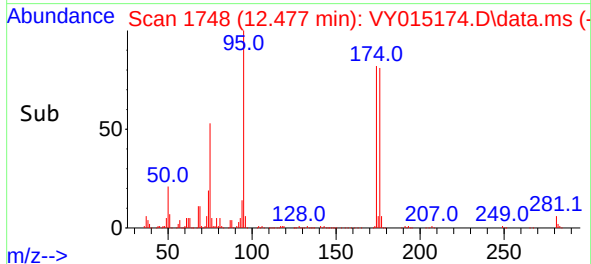
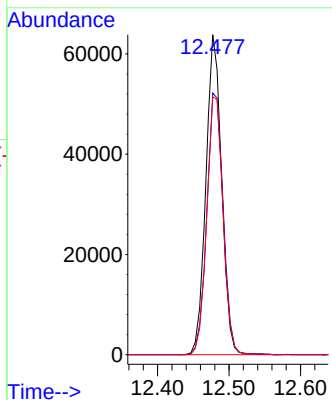
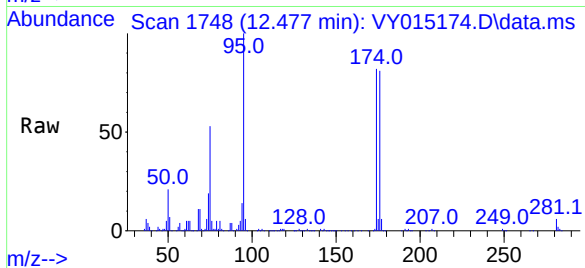




#62
4-Bromofluorobenzene
Concen: 51.667 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

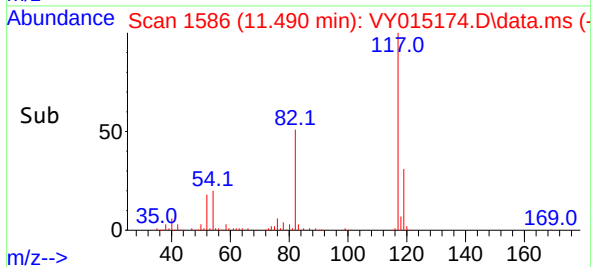
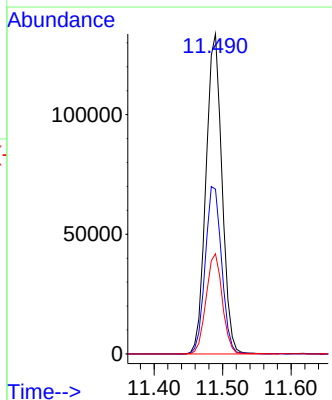
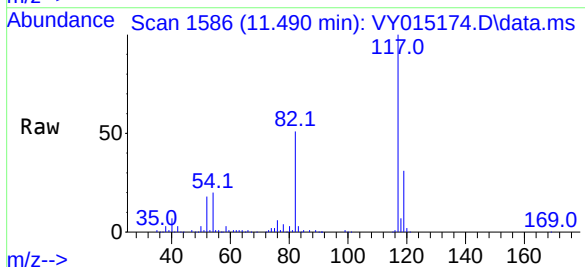
Instrument :
MSVOA_Y
ClientSampleId :
TP-376

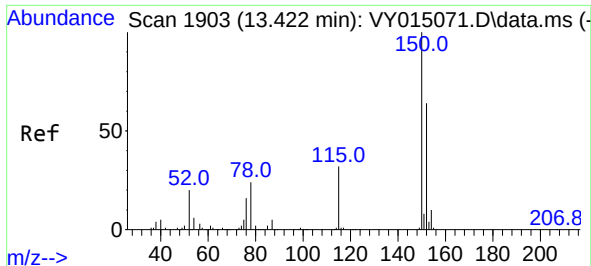
Tgt Ion:	95	Resp:	97439
Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	178.2
176	83.3	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

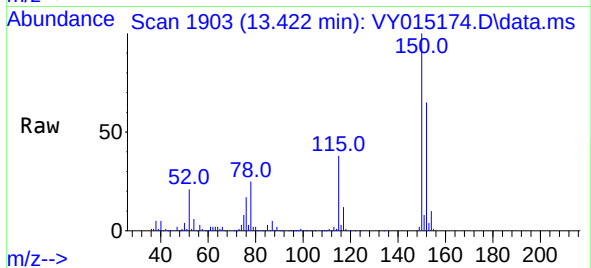
Tgt Ion:	117	Resp:	218221
Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.4	65.0
119	31.3	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015174.D
Acq: 17 Aug 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-376



Tgt Ion:152 Resp: 109615
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 155.9 0.0 348.8

