

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020675.D
 Acq On : 20 Dec 2024 16:52
 Operator : SY/MD
 Sample : P5316-04RE
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-4RE

Quant Time: Dec 20 18:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

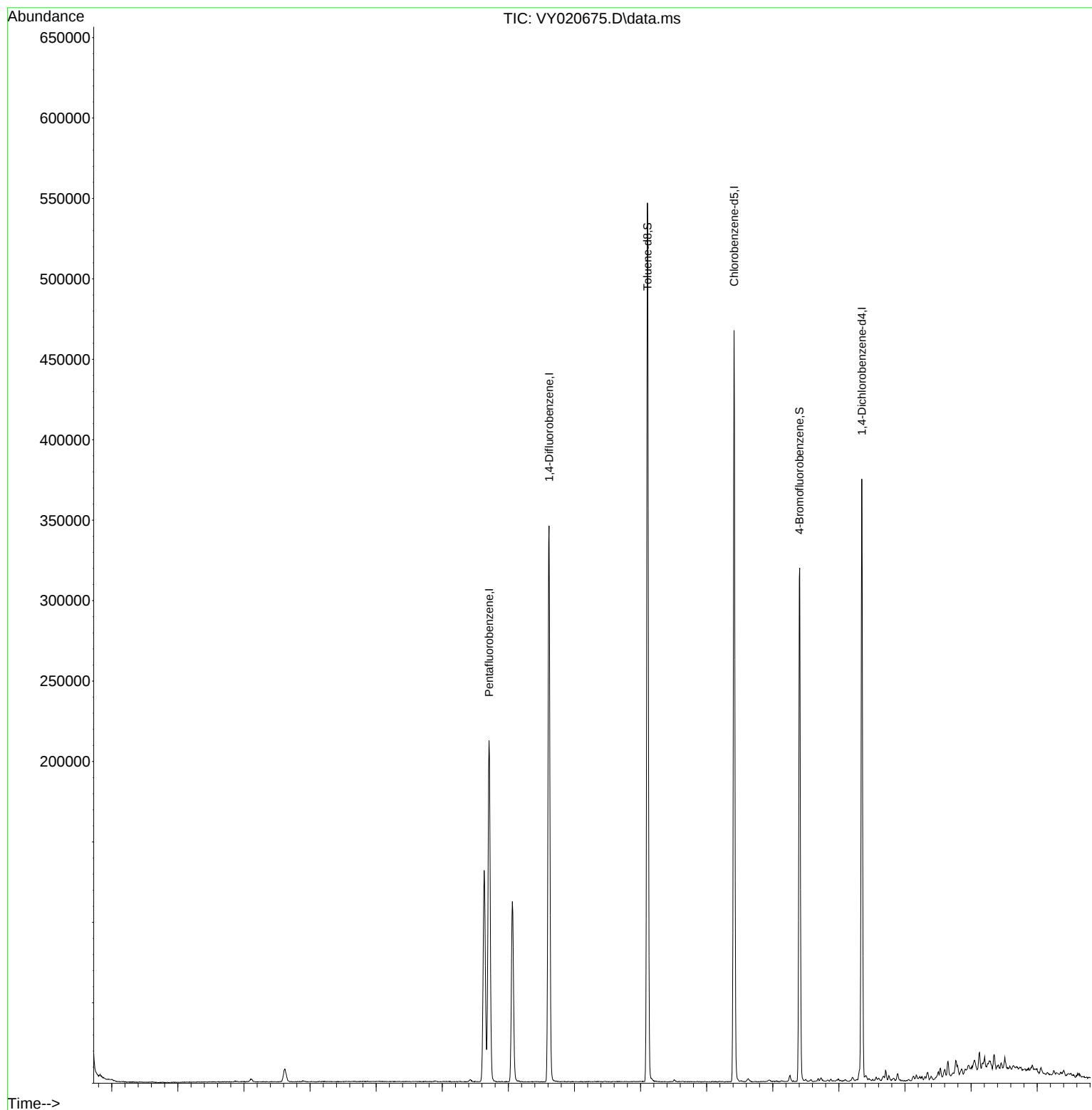
Internal Standards						
1) Pentafluorobenzene	7.707	168	164449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	291183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	241631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	90485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	91496	50.801	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.600%
35) Dibromofluoromethane	7.634	113	94126	45.866	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.740%
50) Toluene-d8	10.103	98	349801	48.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.400%
62) 4-Bromofluorobenzene	12.401	95	99228	35.315	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	70.640%
Target Compounds						
20) Methylene Chloride	4.616	84	6156	2.749	ug/l	Qvalue 89

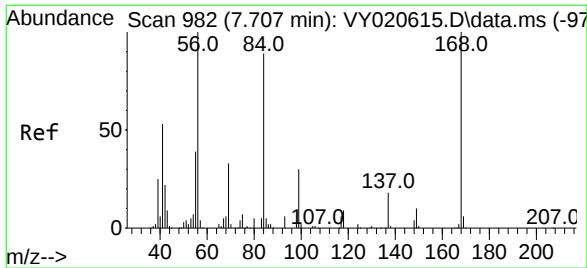
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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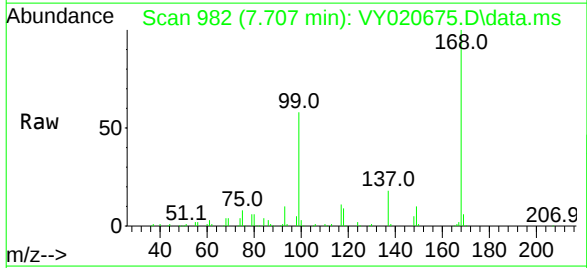
Quant Time: Dec 20 18:11:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
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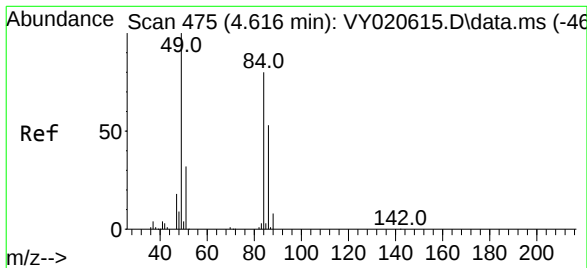
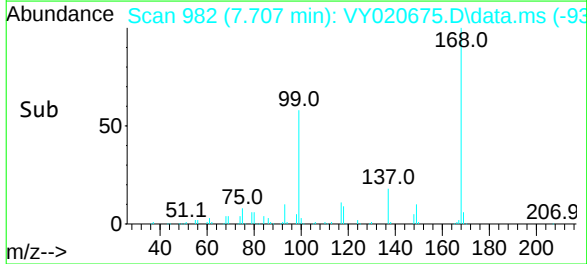
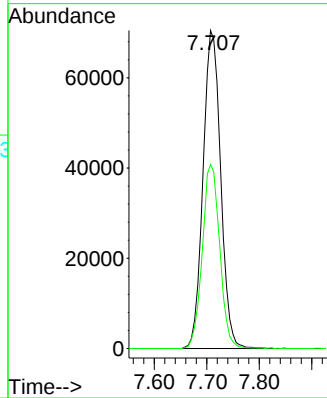


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

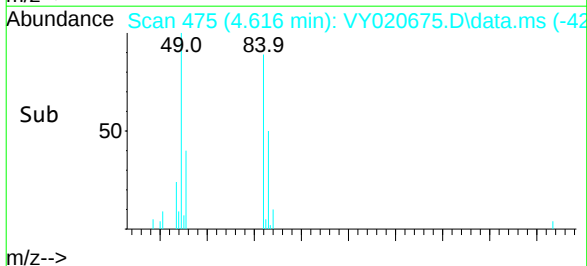
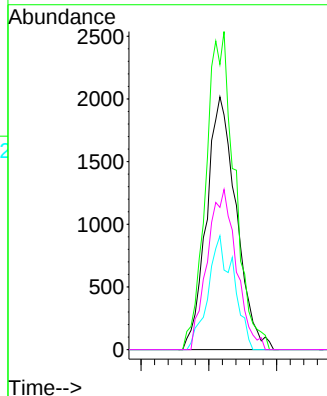
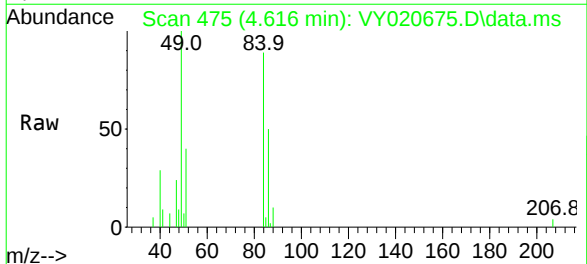


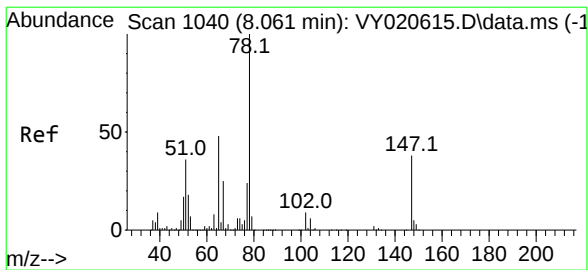
Tgt Ion:168 Resp: 164449
Ion Ratio Lower Upper
168 100
99 57.9 47.0 70.6



#20
Methylene Chloride
Concen: 2.749 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion: 84 Resp: 6156
Ion Ratio Lower Upper
84 100
49 112.8 100.7 151.1
51 45.0 32.2 48.2
86 56.3 53.0 79.6





#33

1,2-Dichloroethane-d4

Concen: 50.801 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020675.D

Acq: 20 Dec 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

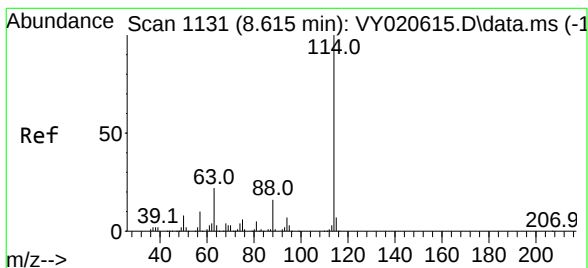
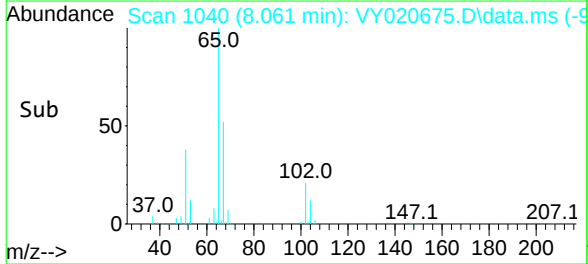
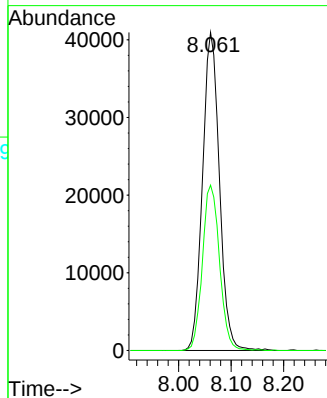
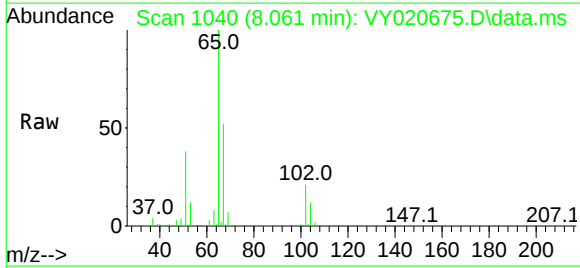
TT-304-IDWSO-20241217-4RE

Tgt Ion: 65 Resp: 91496

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020675.D

Acq: 20 Dec 2024 16:52

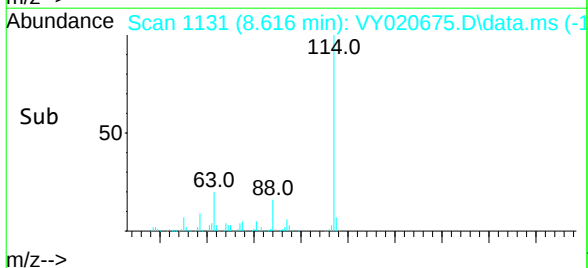
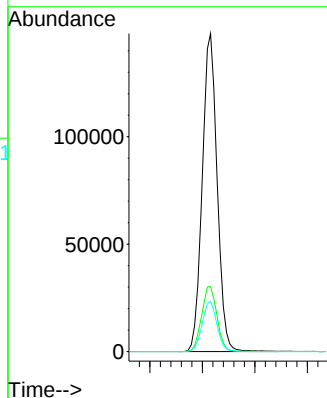
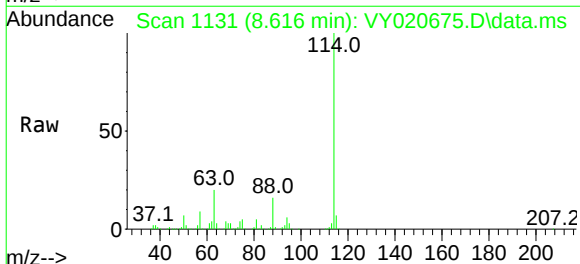
Tgt Ion: 114 Resp: 291183

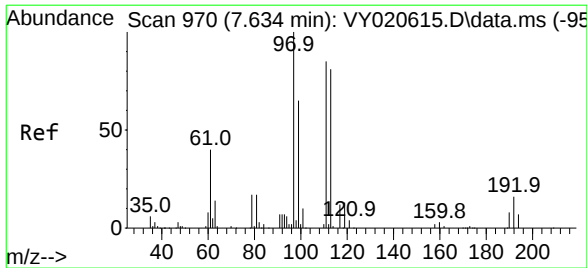
Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.0

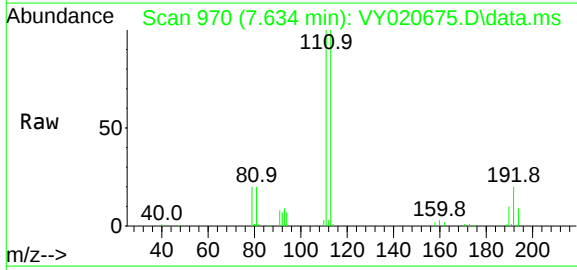
88 15.8 0.0 32.8



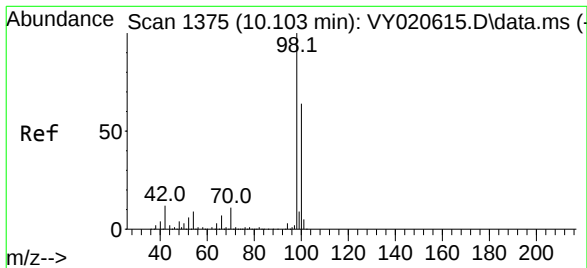
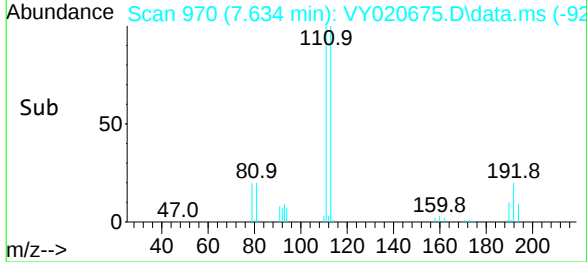
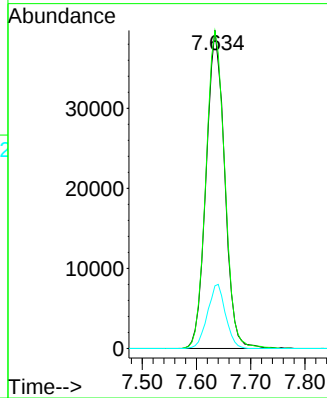


#35
Dibromofluoromethane
Concen: 45.866 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-4RE

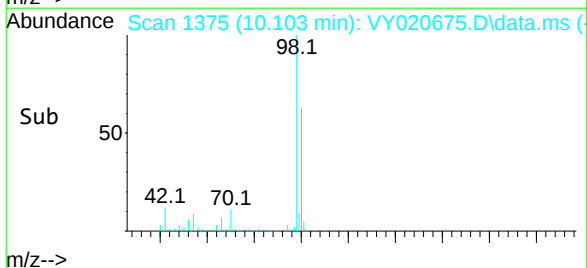
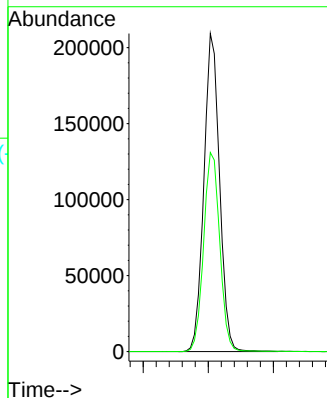
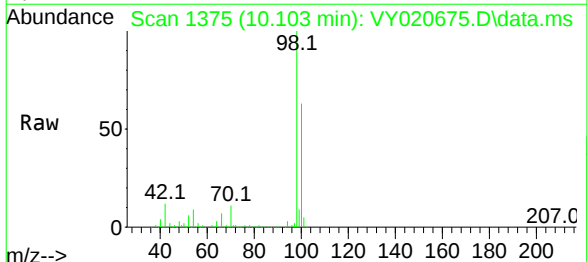


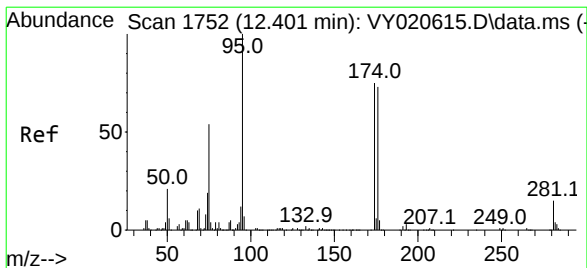
Tgt Ion: 113 Resp: 94126
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 19.7 15.7 23.5



#50
Toluene-d8
Concen: 48.699 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY020675.D
Acq: 20 Dec 2024 16:52

Tgt Ion: 98 Resp: 349801
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#62

4-Bromofluorobenzene

Concen: 35.315 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020675.D

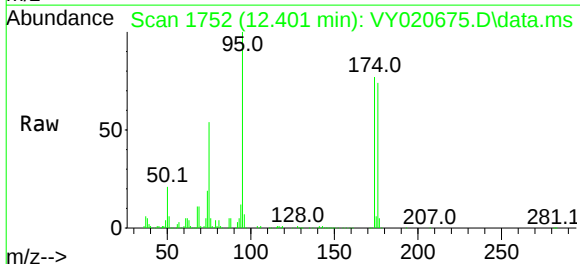
Acq: 20 Dec 2024 16:52

Instrument :

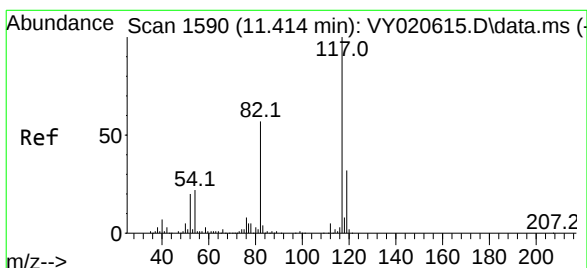
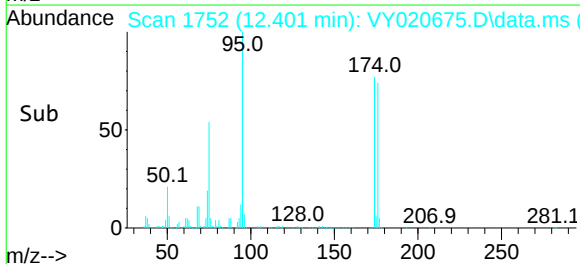
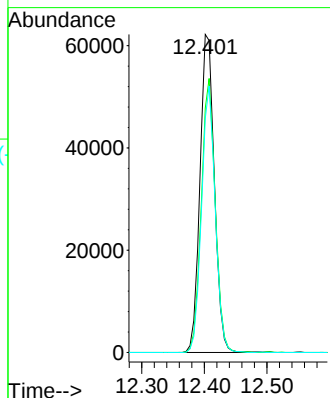
MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-4RE



Tgt Ion:	95	Resp:	99228
Ion Ratio	Lower	Upper	
95	100		
174	83.5	0.0	161.8
176	79.5	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

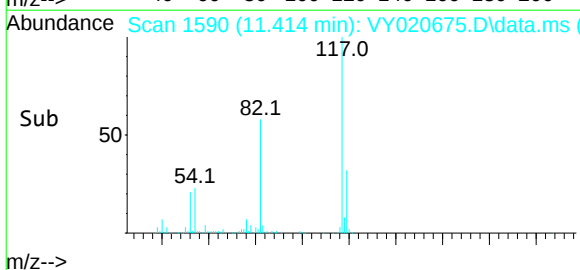
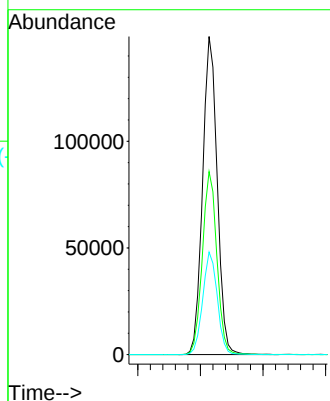
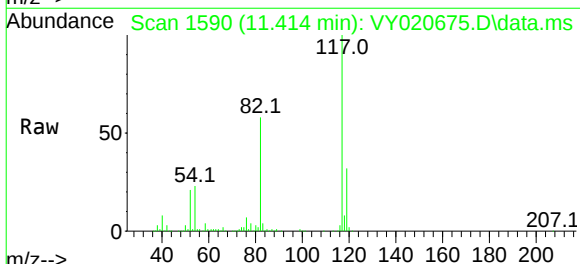
RT: 11.414 min Scan# 1590

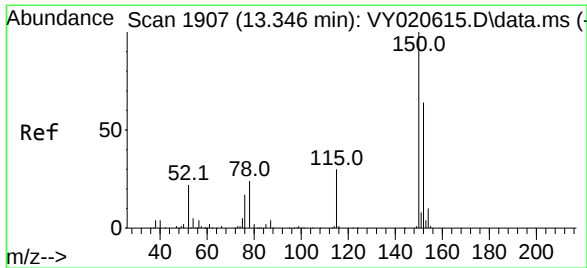
Delta R.T. 0.000 min

Lab File: VY020675.D

Acq: 20 Dec 2024 16:52

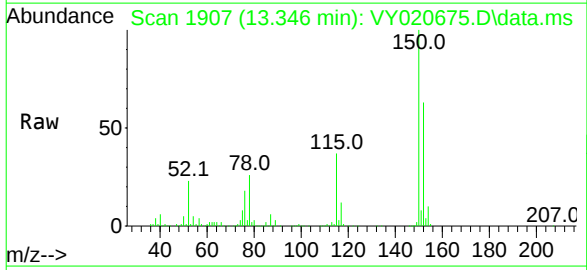
Tgt Ion:	117	Resp:	241631
Ion Ratio	Lower	Upper	
117	100		
82	57.5	45.8	68.6
119	32.2	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020675.D
 Acq: 20 Dec 2024 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-4RE



Tgt Ion:	152	Resp:	90485
Ion Ratio	Lower	Upper	
152	100		
115	59.2	30.2	90.6
150	158.7	0.0	355.4

