

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020669.D
 Acq On : 20 Dec 2024 14:34
 Operator : SY/MD
 Sample : P5316-01
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-1

Quant Time: Dec 20 18:09:08 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)

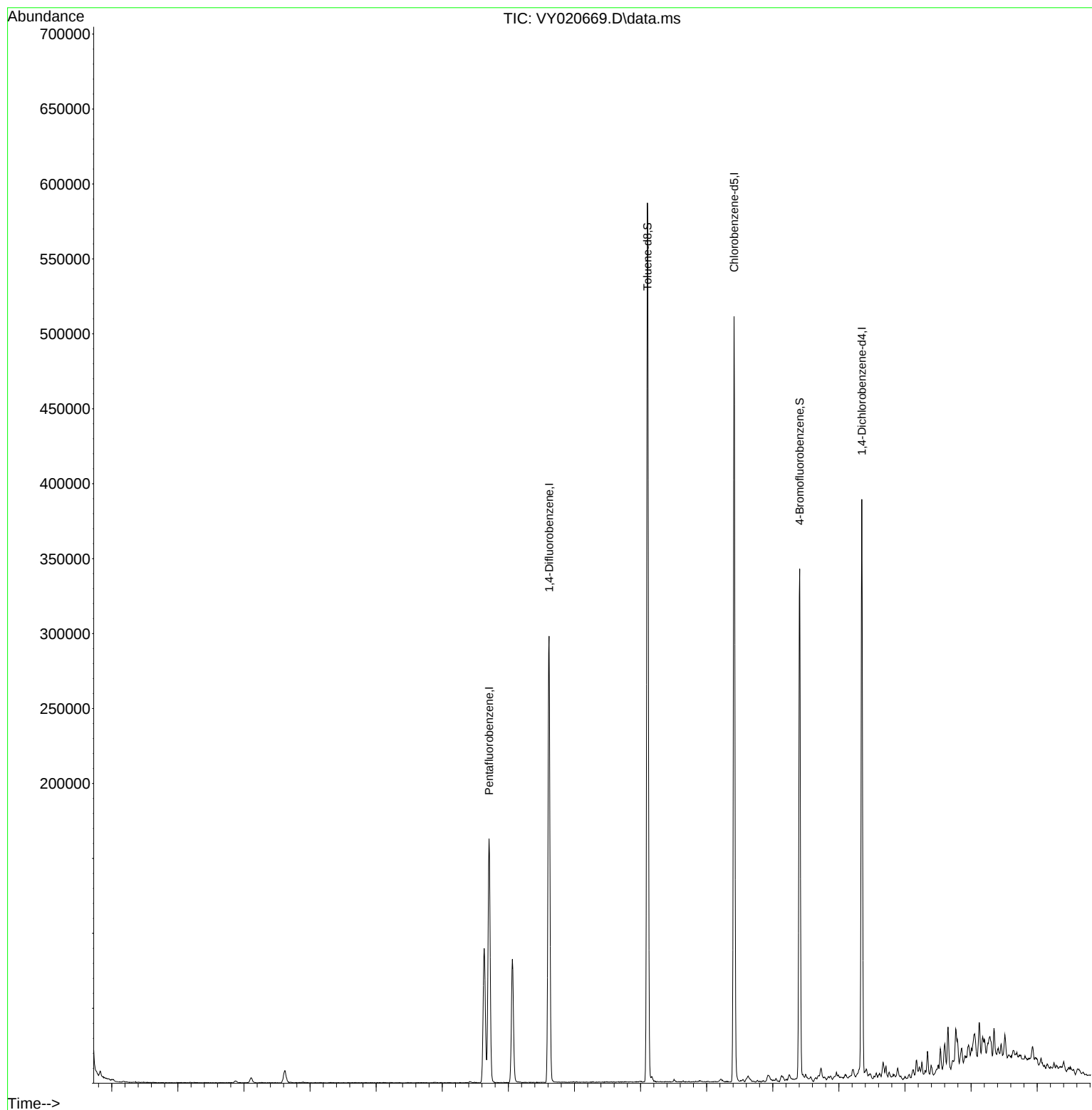
Internal Standards						
1) Pentafluorobenzene	7.707	168	123590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	256790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	258559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	91825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66705	49.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.560%
35) Dibromofluoromethane	7.634	113	62350	34.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.900%
50) Toluene-d8	10.103	98	386152	60.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	121.920%
62) 4-Bromofluorobenzene	12.408	95	107021	43.190	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.380%
Target Compounds						
16) Acetone	3.879	43	2333	2.298	ug/l	95
17) Carbon Disulfide	4.110	76	6654	1.320	ug/l	97
20) Methylene Chloride	4.623	84	6342	3.768	ug/l #	86

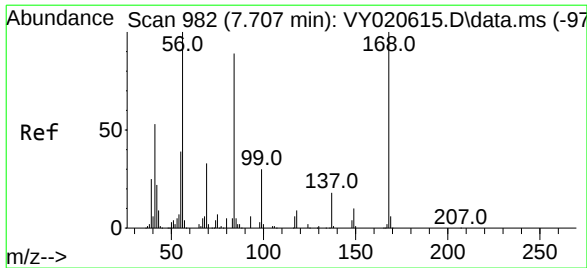
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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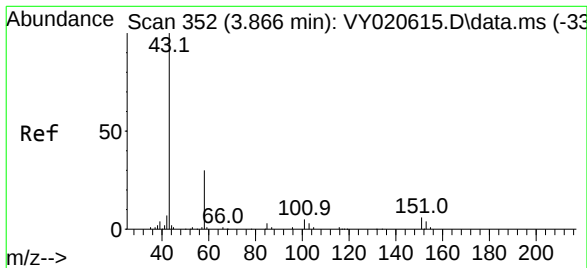
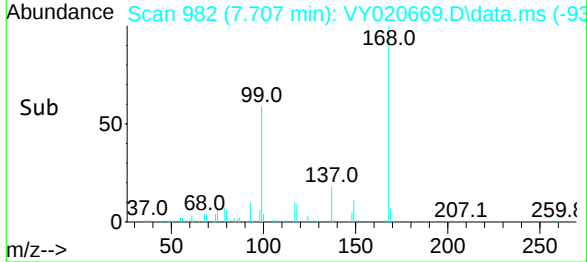
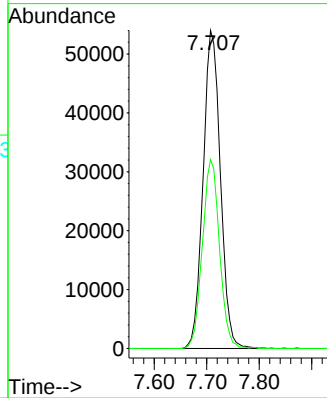
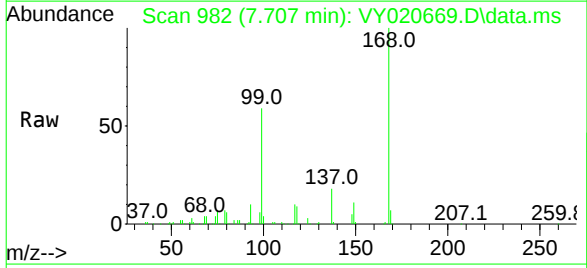




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

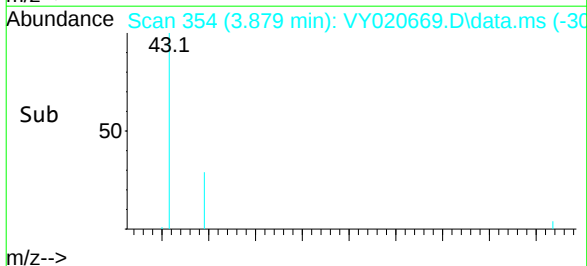
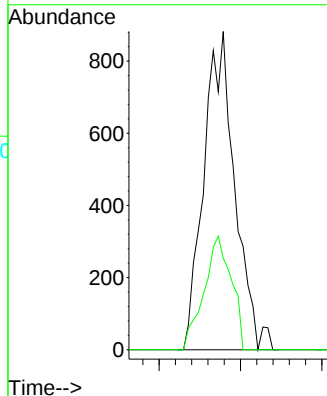
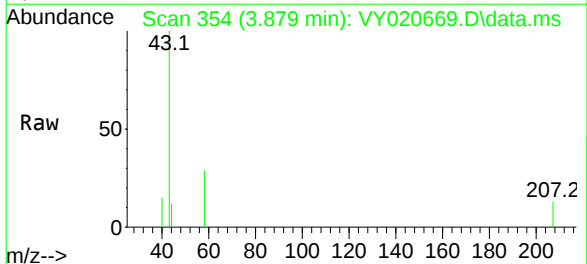
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

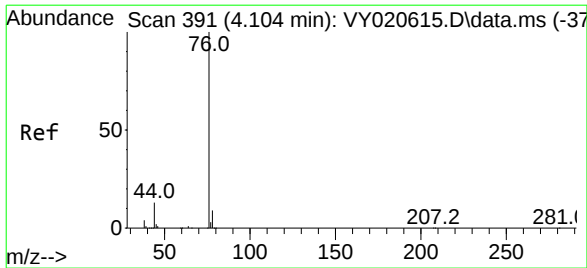
Tgt Ion:168 Resp: 123590
Ion Ratio Lower Upper
168 100
99 59.4 47.0 70.6



#16
Acetone
Concen: 2.298 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.013 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

Tgt Ion: 43 Resp: 2333
Ion Ratio Lower Upper
43 100
58 28.8 25.0 37.6

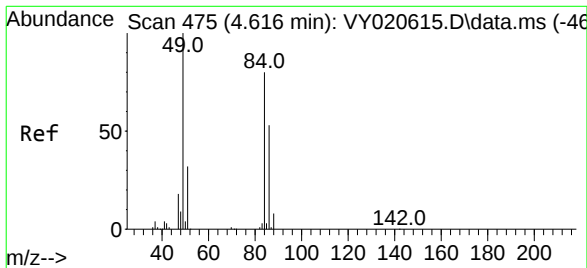
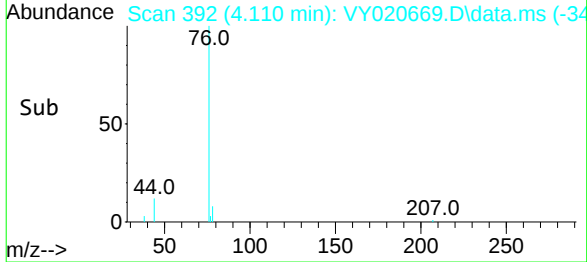
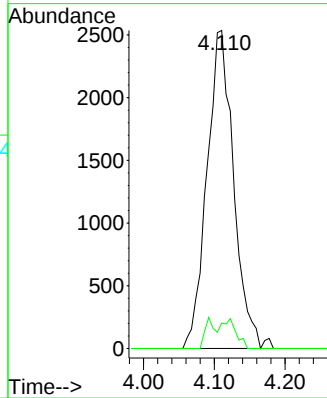
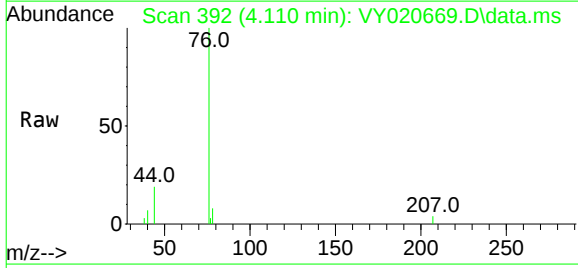




#17
Carbon Disulfide
Concen: 1.320 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

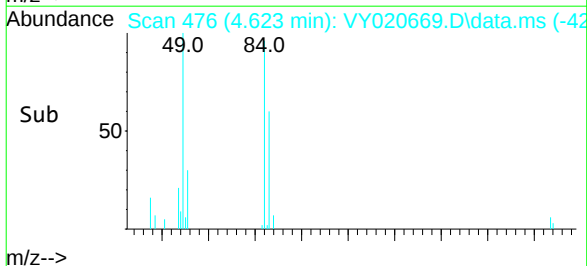
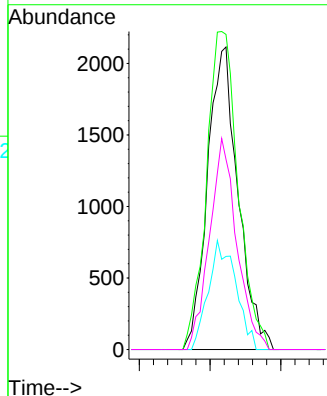
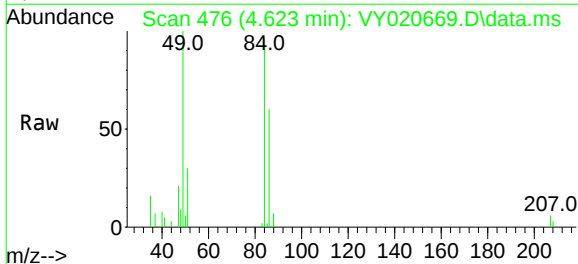
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-1

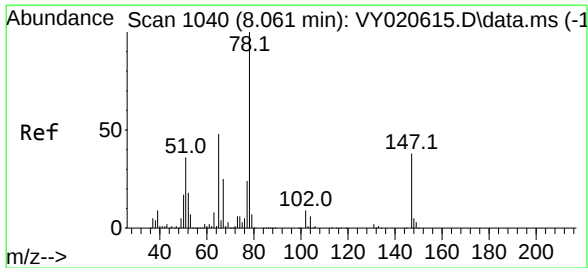
Tgt Ion: 76 Resp: 6654
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#20
Methylene Chloride
Concen: 3.768 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020669.D
Acq: 20 Dec 2024 14:34

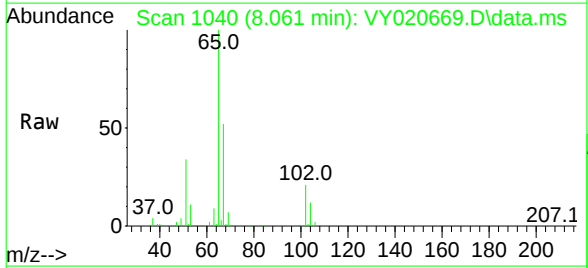
Tgt Ion: 84 Resp: 6342
Ion Ratio Lower Upper
84 100
49 104.2 100.7 151.1
51 30.8 32.2 48.2#
86 62.8 53.0 79.6





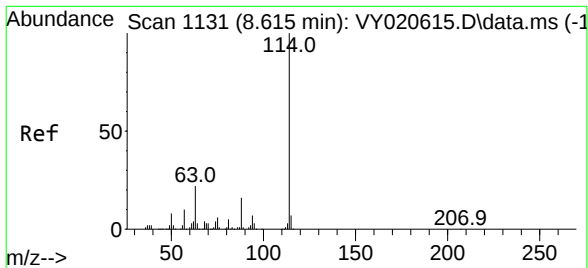
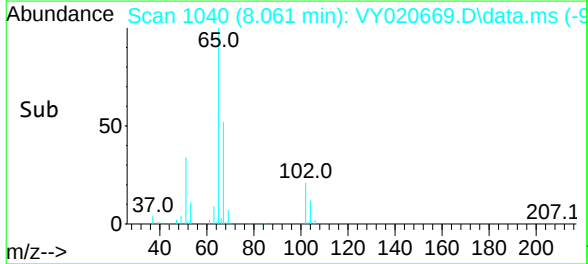
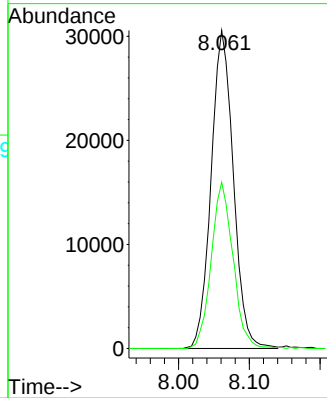
#33
 1,2-Dichloroethane-d4
 Concen: 49.281 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020669.D
 Acq: 20 Dec 2024 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-1



Tgt Ion: 65 Resp: 66705

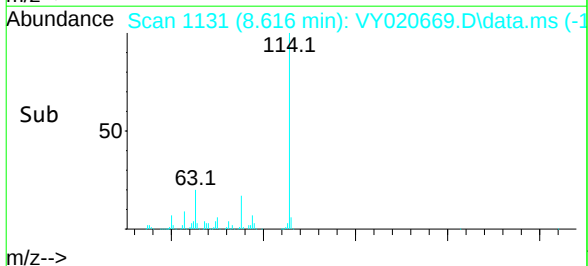
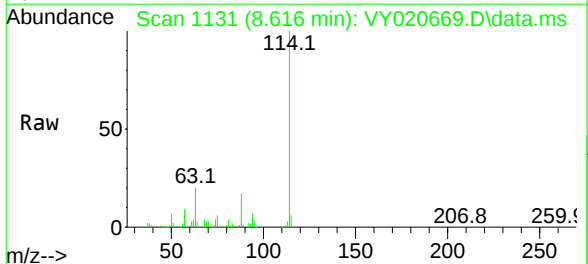
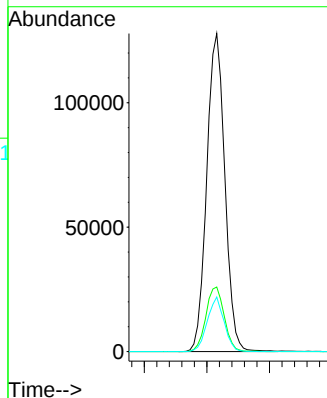
Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	108.0

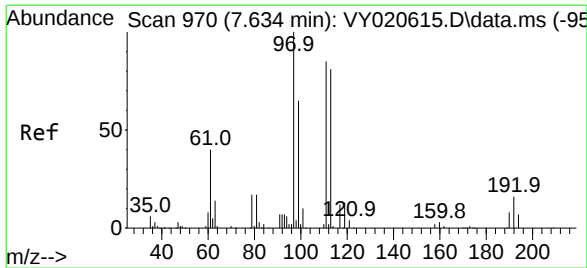


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020669.D
 Acq: 20 Dec 2024 14:34

Tgt Ion: 114 Resp: 256790

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	17.2	0.0	32.8





#35

Dibromofluoromethane

Concen: 34.451 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020669.D

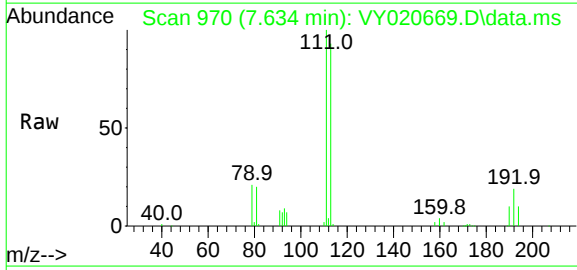
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Instrument :

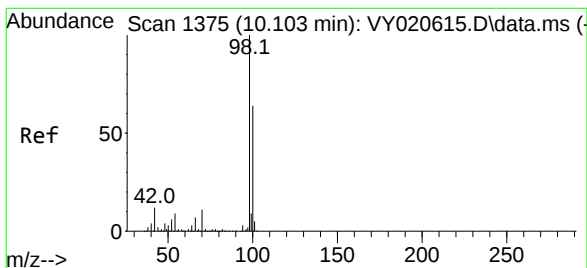
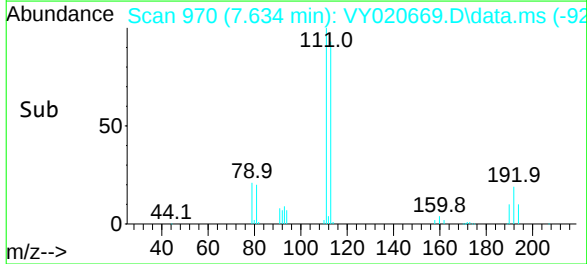
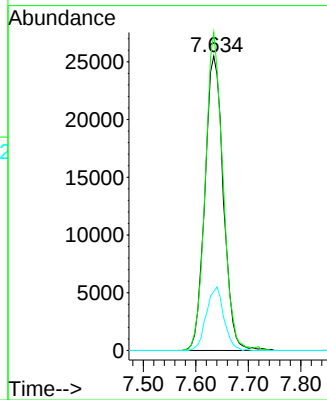
MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-1



Tgt Ion:	113	Resp:	62350
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	20.5	15.7	23.5



#50

Toluene-d8

Concen: 60.960 ug/l

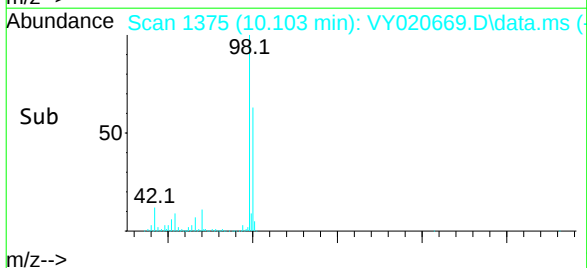
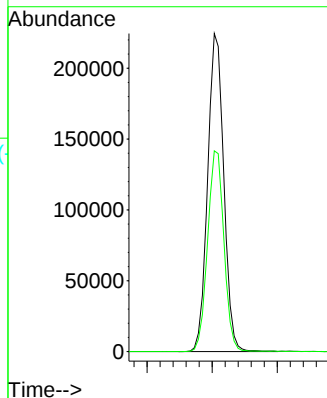
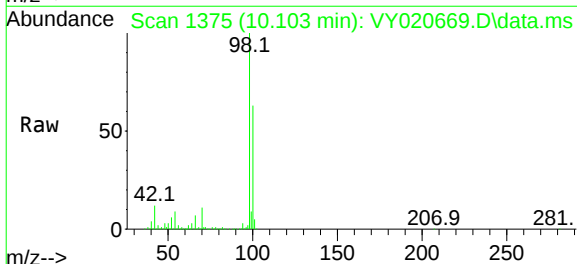
RT: 10.103 min Scan# 1375

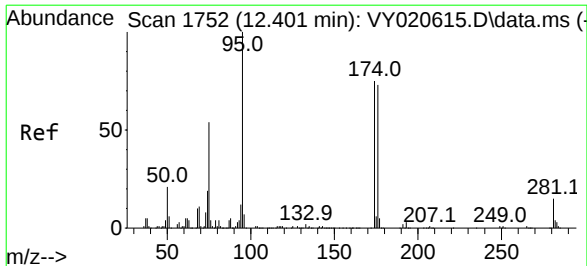
Delta R.T. 0.000 min

Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

Tgt Ion:	98	Resp:	386152
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 43.190 ug/l

RT: 12.408 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VY020669.D

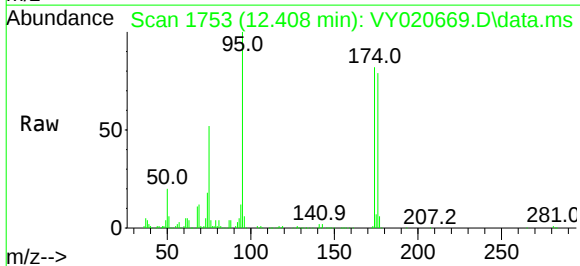
Acq: 20 Dec 2024 14:34

Instrument :

MSVOA_Y

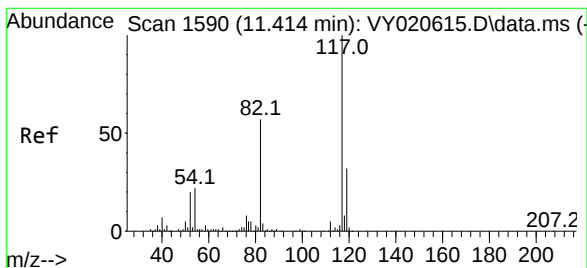
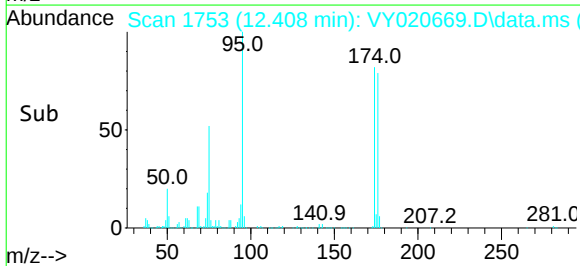
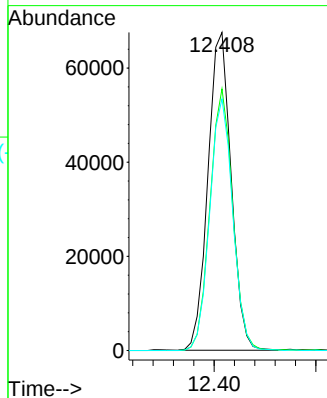
ClientSampleId :

TT-304-IDWSO-20241217-1



Tgt Ion: 95 Resp: 107021

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	161.8
176	78.4	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

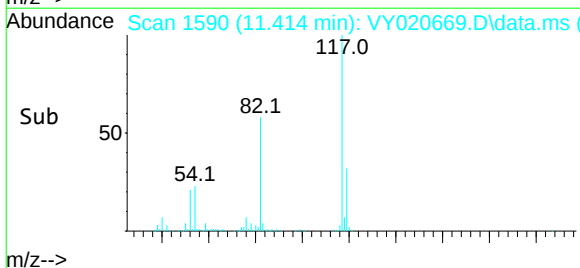
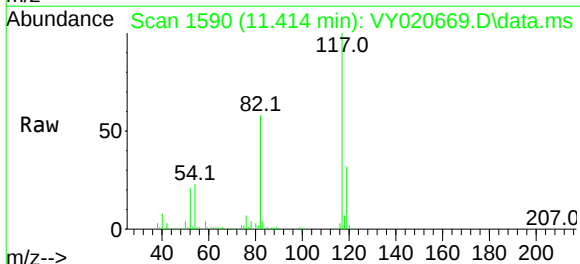
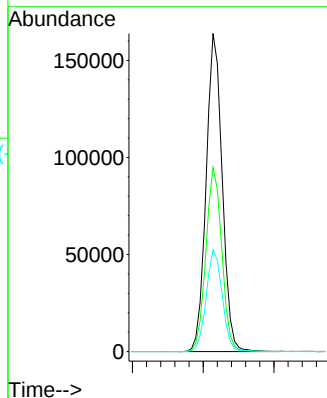
Delta R.T. 0.000 min

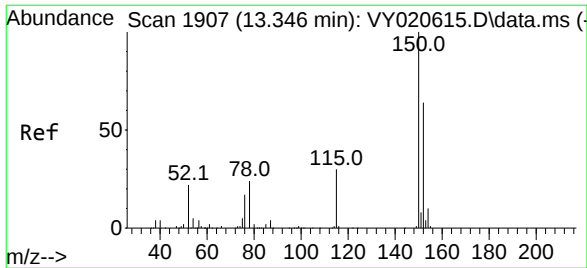
Lab File: VY020669.D

Acq: 20 Dec 2024 14:34

Tgt Ion: 117 Resp: 258559

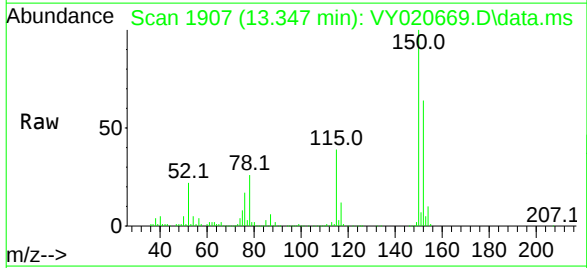
Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.8	68.6
119	31.9	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020669.D
 Acq: 20 Dec 2024 14:34

Instrument :
 MSVOA_Y
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Tgt Ion:	152	Resp:	91825
Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.2	90.6
150	159.1	0.0	355.4

