

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
 Data File : VY020671.D
 Acq On : 20 Dec 2024 15:21
 Operator : SY/MD
 Sample : P5316-03
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-3

Quant Time: Dec 20 18:09:22 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)

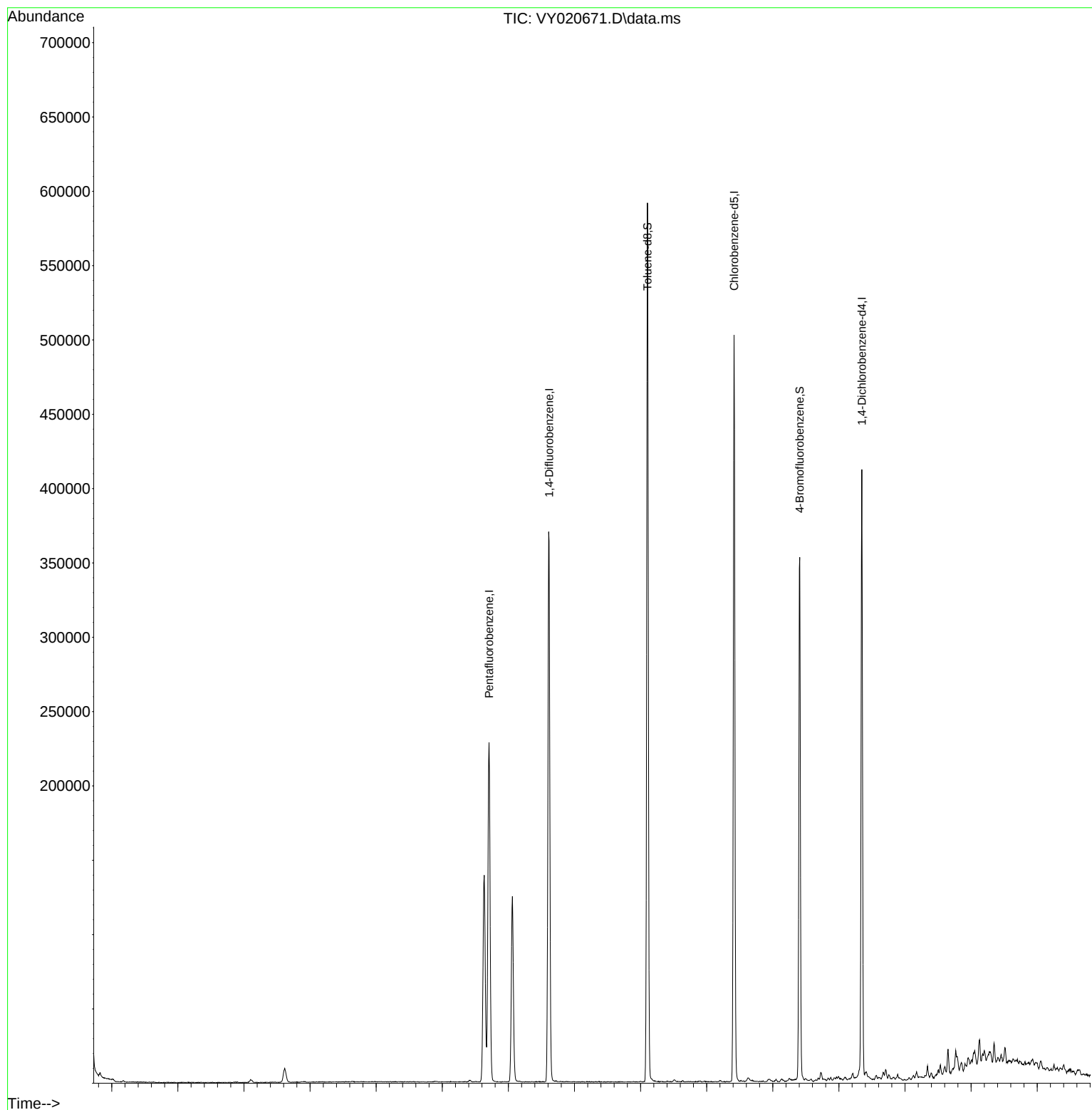
Internal Standards						
1) Pentafluorobenzene	7.707	168	176765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	313918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	264293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	100425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98670	50.967	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.940%
35) Dibromofluoromethane	7.634	113	100884	45.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.200%
50) Toluene-d8	10.103	98	377487	48.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.408	95	112544	37.154	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.300%
Target Compounds						
20) Methylene Chloride	4.616	84	7073	2.938	ug/l	Qvalue 87

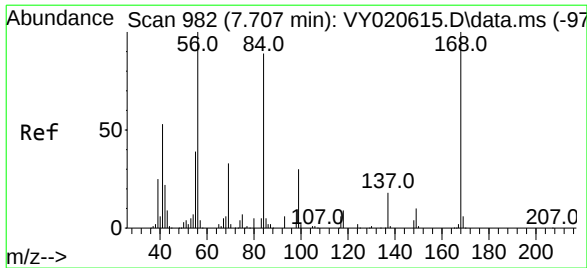
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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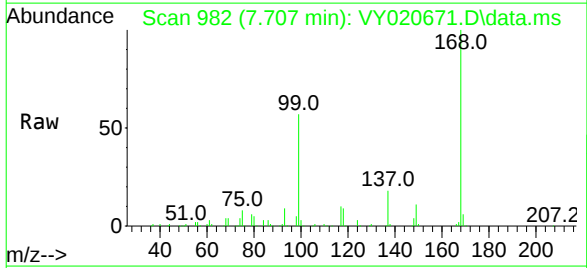
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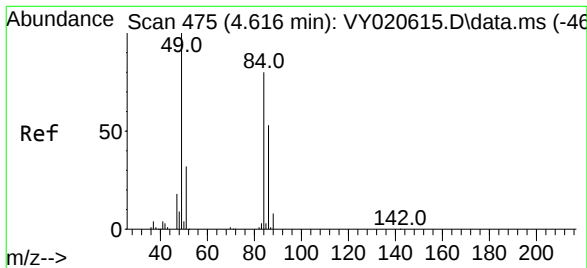
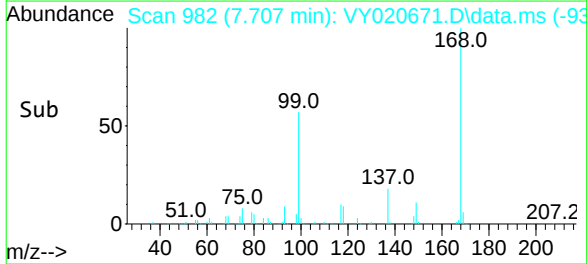
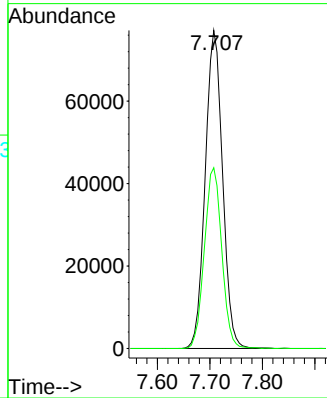


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.707 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VY020671.D
 Acq: 20 Dec 2024 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-3

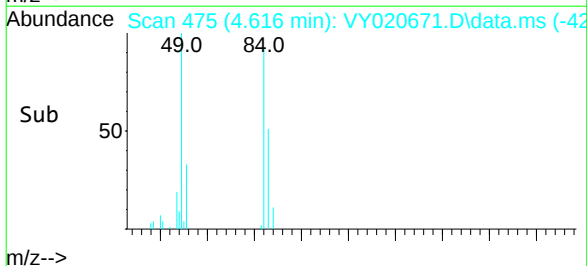
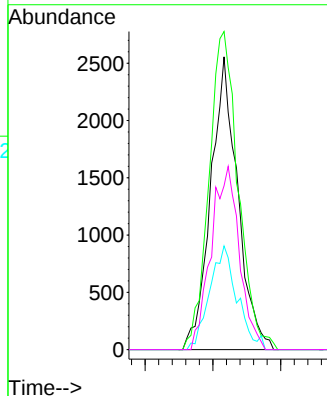
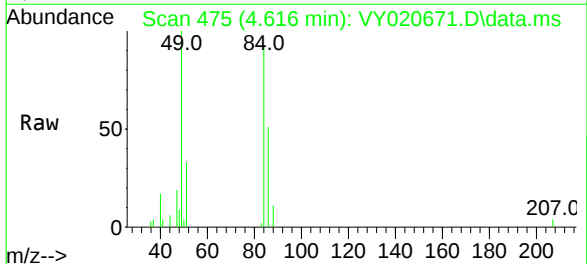


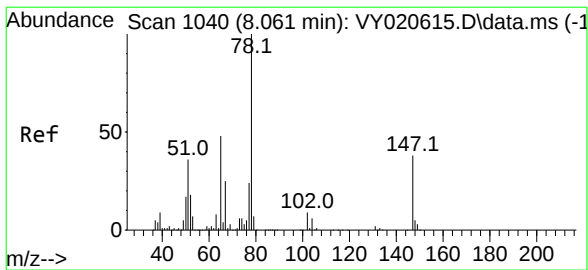
Tgt Ion: 168 Resp: 176765
 Ion Ratio Lower Upper
 168 100
 99 56.8 47.0 70.6



#20
 Methylene Chloride
 Concen: 2.938 ug/l
 RT: 4.616 min Scan# 475
 Delta R.T. 0.000 min
 Lab File: VY020671.D
 Acq: 20 Dec 2024 15:21

Tgt Ion: 84 Resp: 7073
 Ion Ratio Lower Upper
 84 100
 49 108.6 100.7 151.1
 51 35.4 32.2 48.2
 86 55.9 53.0 79.6





#33

1,2-Dichloroethane-d4

Concen: 50.967 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY020671.D

Acq: 20 Dec 2024 15:21

Instrument :

MSVOA_Y

ClientSampleId :

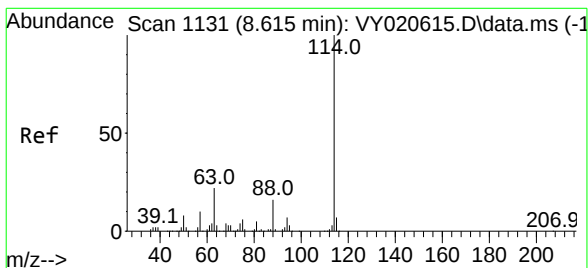
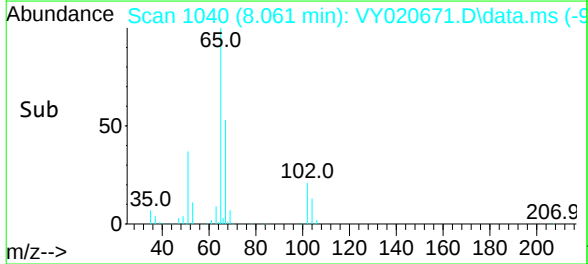
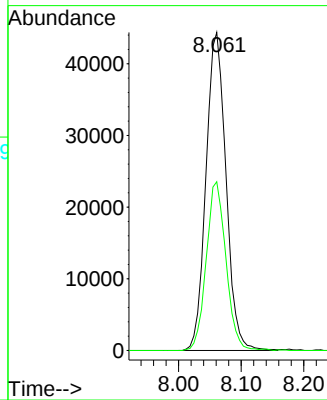
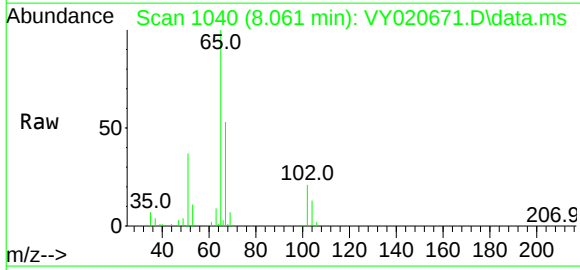
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Tgt Ion: 65 Resp: 98670

Ion Ratio Lower Upper

65 100

67 52.2 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: VY020671.D

Acq: 20 Dec 2024 15:21

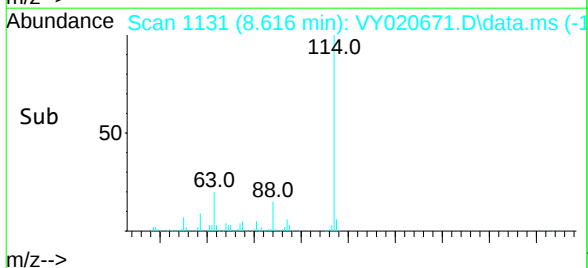
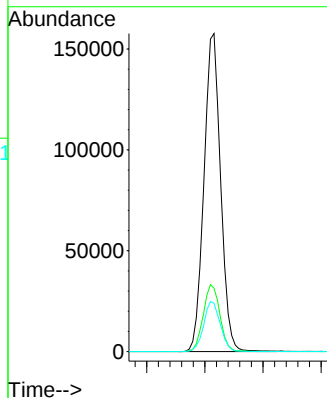
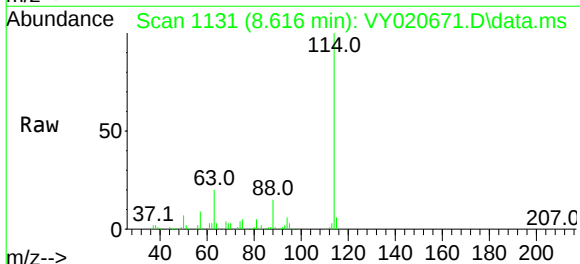
Tgt Ion: 114 Resp: 313918

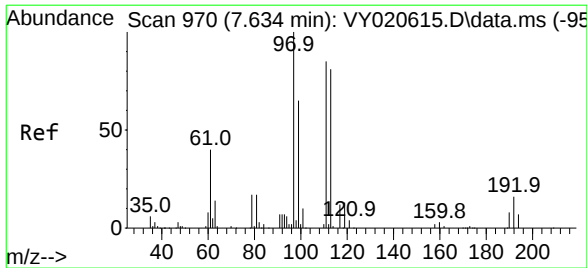
Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.0

88 15.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 45.599 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020671.D

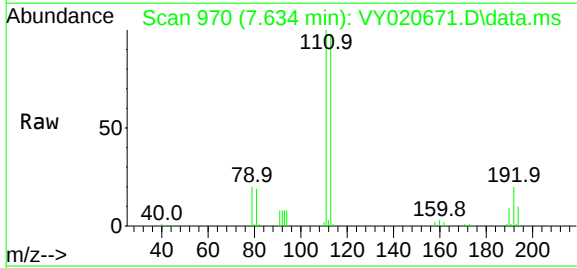
Acq: 20 Dec 2024 15:21

Instrument :

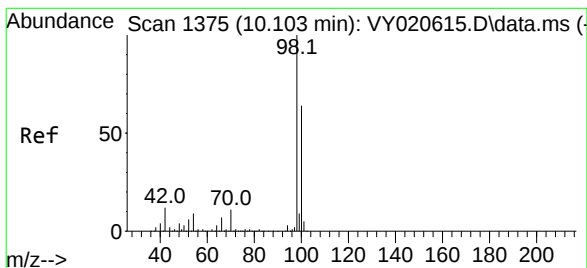
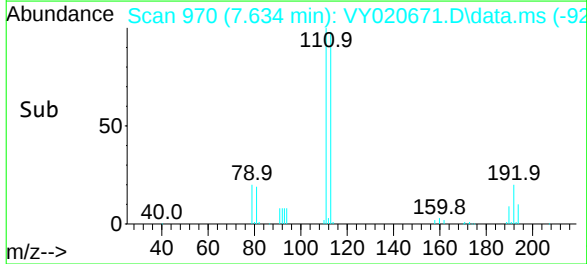
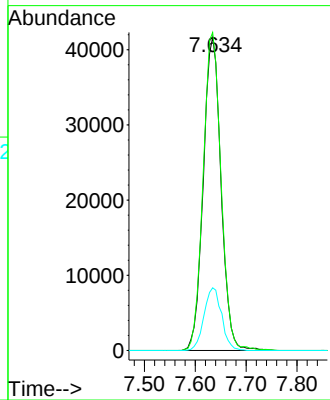
MSVOA_Y

ClientSampleId :

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Tgt Ion:	113	Resp:	100884
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.9	124.3
192	19.8	15.7	23.5



#50

Toluene-d8

Concen: 48.747 ug/l

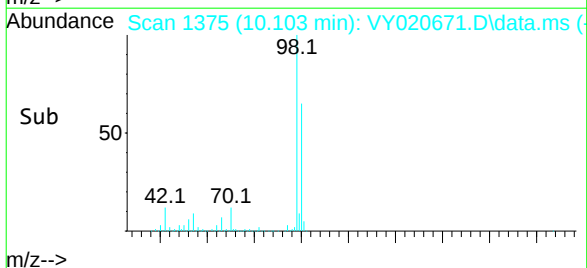
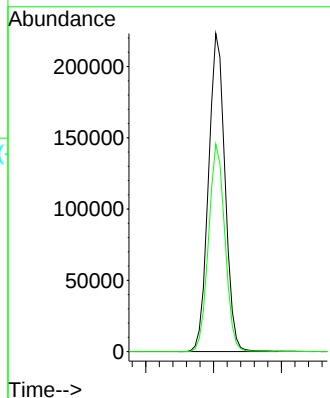
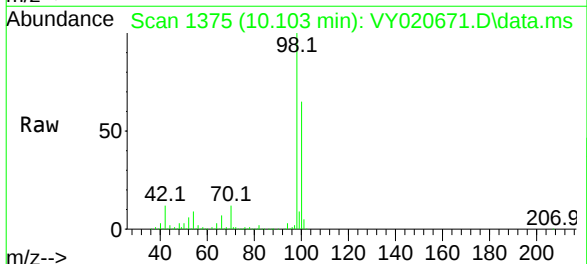
RT: 10.103 min Scan# 1375

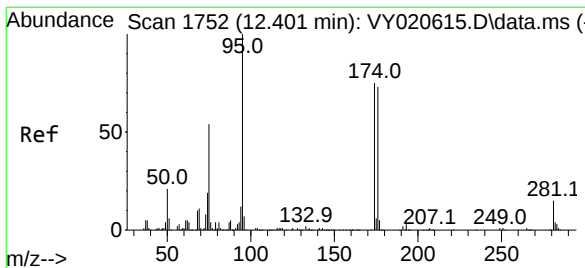
Delta R.T. 0.000 min

Lab File: VY020671.D

Acq: 20 Dec 2024 15:21

Tgt Ion:	98	Resp:	377487
Ion Ratio	Lower	Upper	
98	100		
100	64.6	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 37.154 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY020671.D

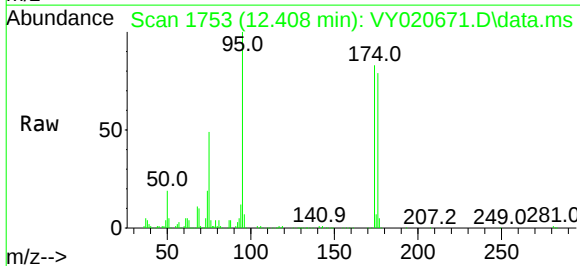
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Instrument :

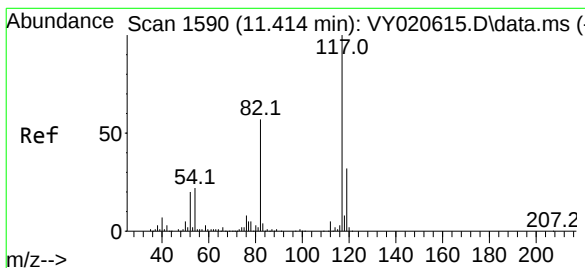
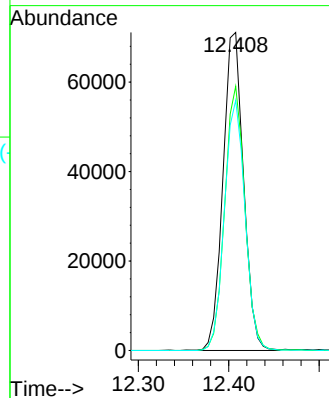
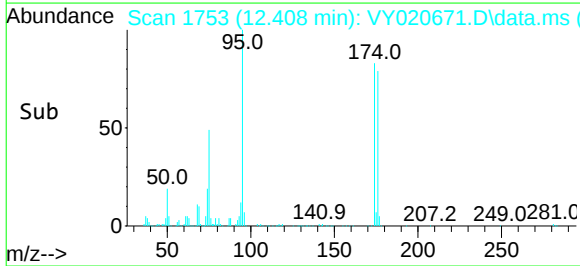
MSVOA_Y

ClientSampleId :

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Tgt Ion:	95	Resp:	112544
Ion Ratio	Lower	Upper	
95	100		
174	81.3	0.0	161.8
176	78.7	0.0	156.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

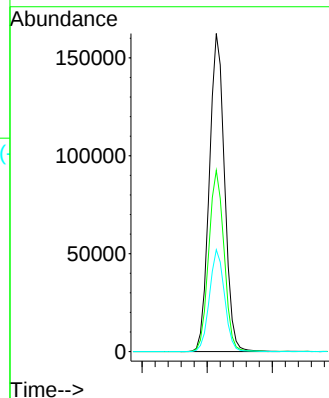
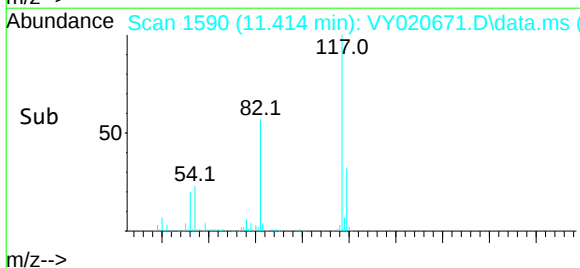
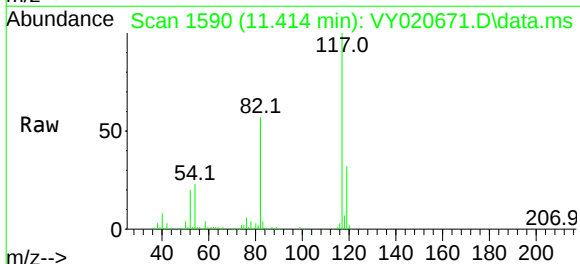
RT: 11.414 min Scan# 1590

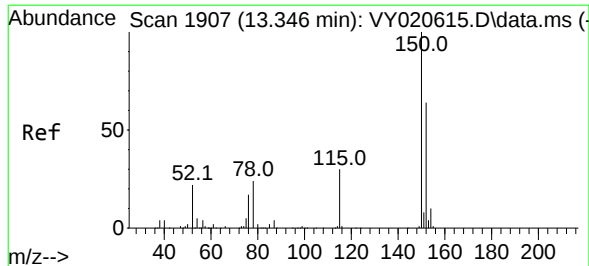
Delta R.T. 0.000 min

Lab File: VY020671.D

Acq: 20 Dec 2024 15:21

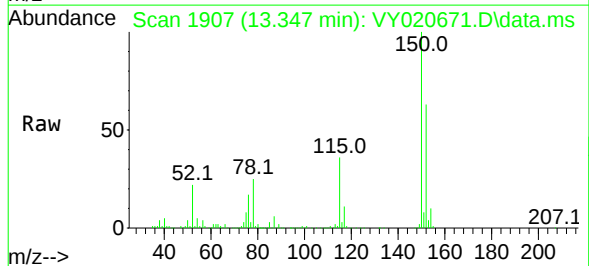
Tgt Ion:	117	Resp:	264293
Ion Ratio	Lower	Upper	
117	100		
82	57.0	45.8	68.6
119	32.0	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020671.D
 Acq: 20 Dec 2024 15:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-3



Tgt Ion:	152	Resp:	100425
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.2	90.6
150	157.6	0.0	355.4

