

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101824\
 Data File : VY019948.D
 Acq On : 18 Oct 2024 13:14
 Operator : SY/MD
 Sample : P4417-07RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOPPER-C-SOLIDRE

Quant Time: Oct 18 23:32:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

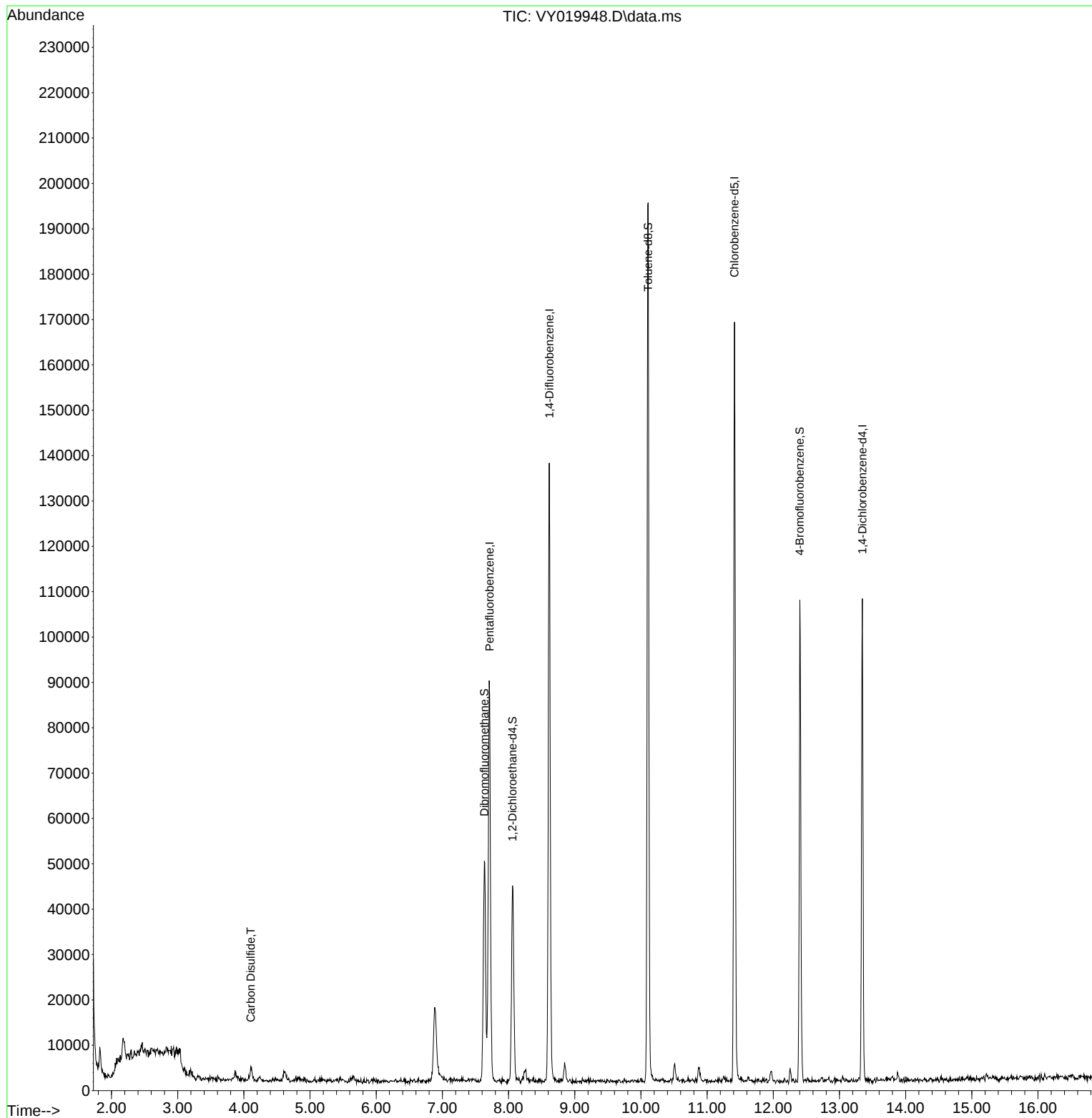
Internal Standards						
1) Pentafluorobenzene	7.713	168	60891	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	107389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	81355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	35318	47.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.634	113	34273	48.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.109	98	124364	47.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.401	95	30494	32.249	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	64.500%
Target Compounds						
17) Carbon Disulfide	4.104	76	3806	2.174	ug/l	# Qvalue 89

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

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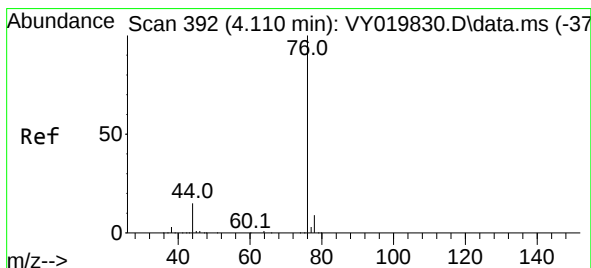
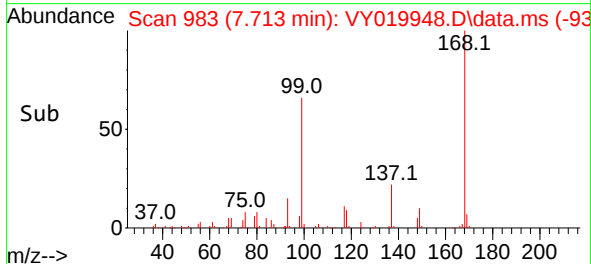
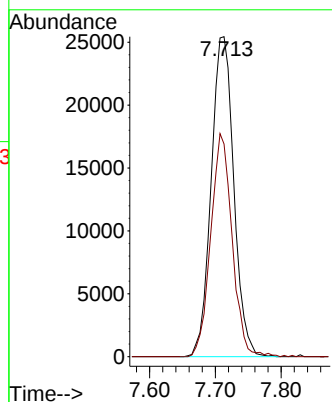
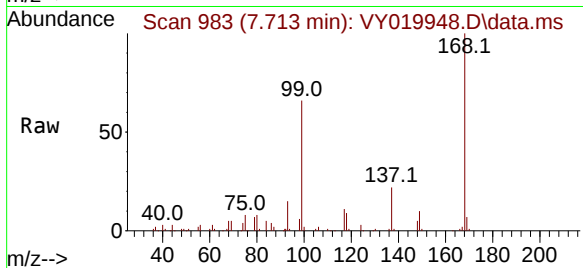




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

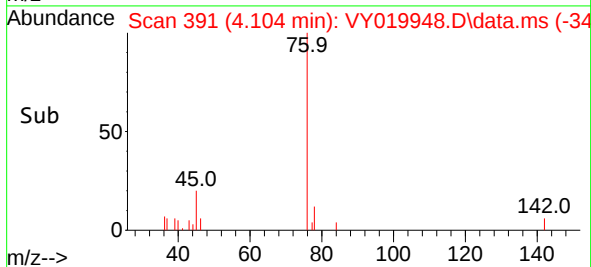
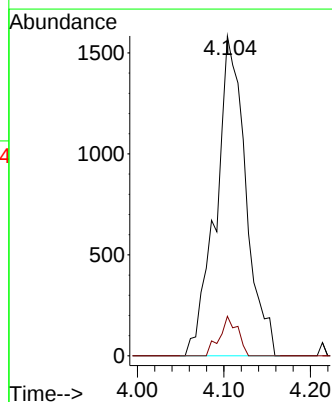
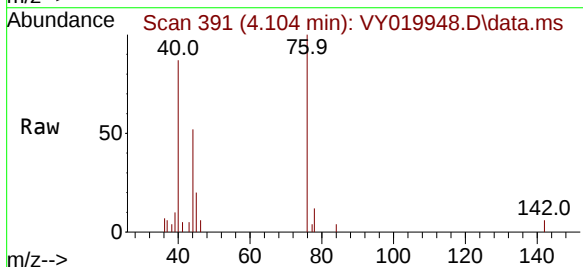
Instrument :
MSVOA_Y
ClientSampleId :
HOPPER-C-SOLIDRE

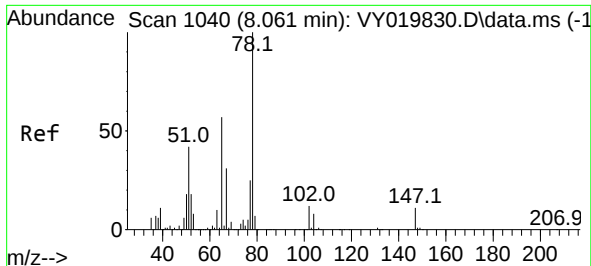
Tgt Ion:168 Resp: 60891
Ion Ratio Lower Upper
168 100
99 66.4 39.1 58.7#



#17
Carbon Disulfide
Concen: 2.174 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

Tgt Ion: 76 Resp: 3806
Ion Ratio Lower Upper
76 100
78 12.4 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 47.107 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019948.D

Acq: 18 Oct 2024 13:14

Instrument :

MSVOA_Y

ClientSampleId :

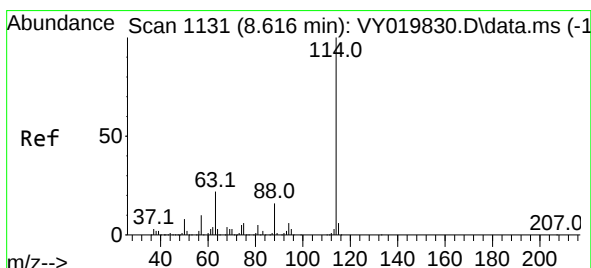
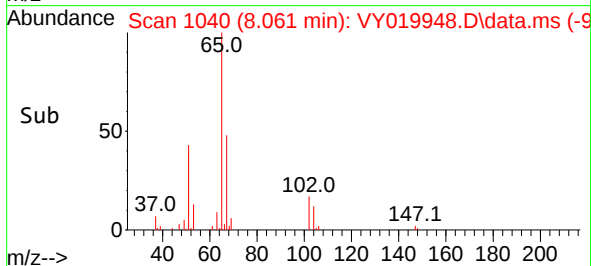
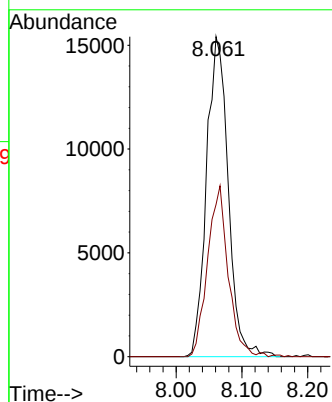
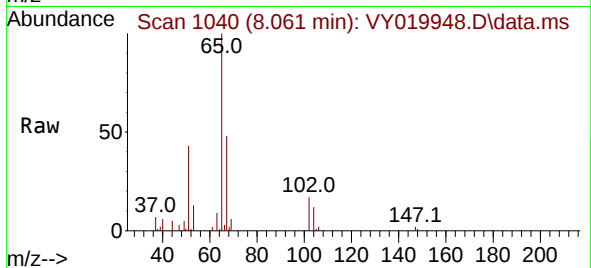
HOPPER-C-SOLIDRE

Tgt Ion: 65 Resp: 35318

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019948.D

Acq: 18 Oct 2024 13:14

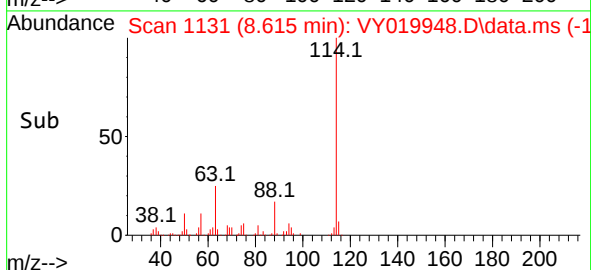
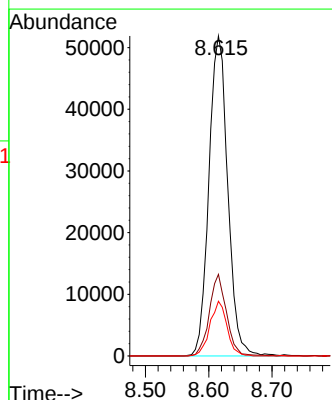
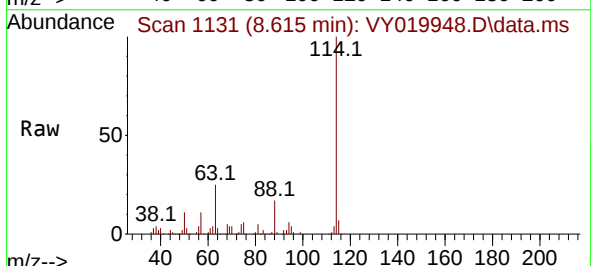
Tgt Ion: 114 Resp: 107389

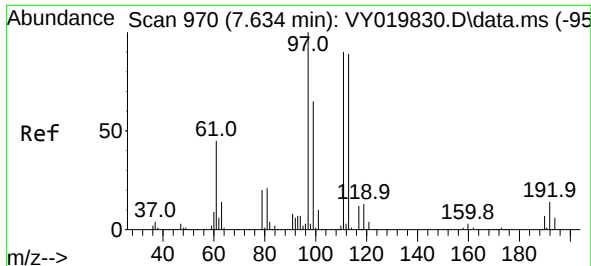
Ion Ratio Lower Upper

114 100

63 25.5 0.0 35.0

88 17.1 0.0 27.2

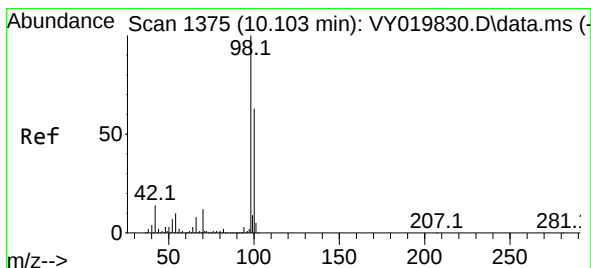
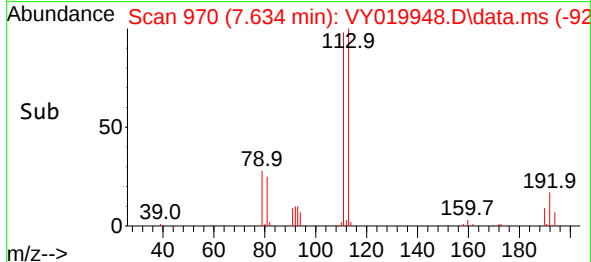
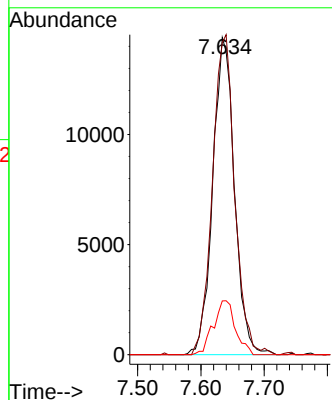
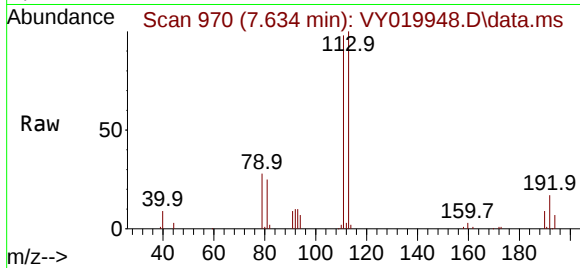




#35
Dibromofluoromethane
Concen: 48.364 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

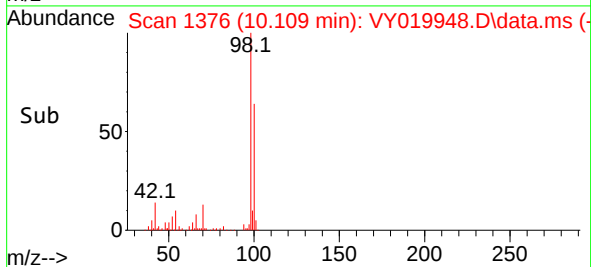
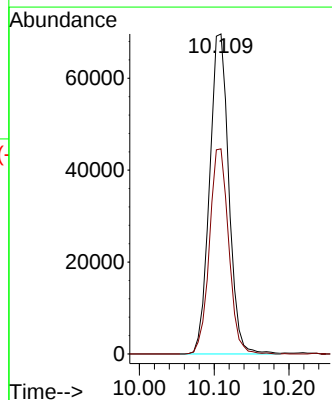
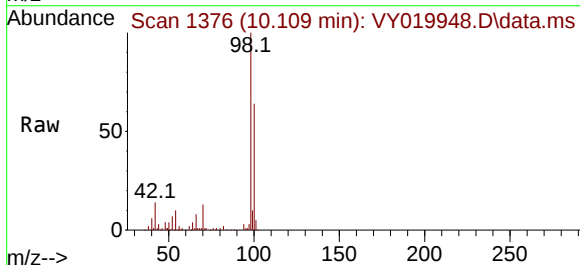
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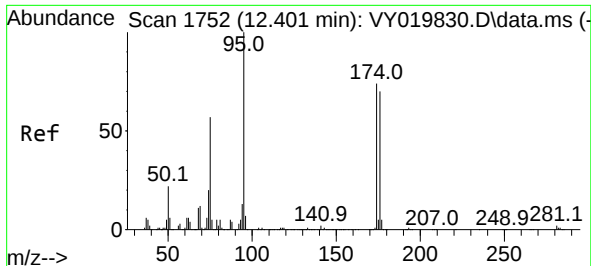
Tgt Ion:113 Resp: 34273
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.3 15.9 23.9



#50
Toluene-d8
Concen: 47.523 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

Tgt Ion: 98 Resp: 124364
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

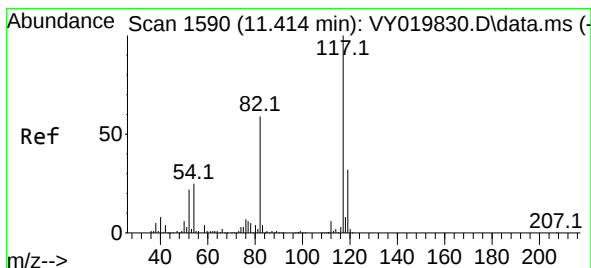
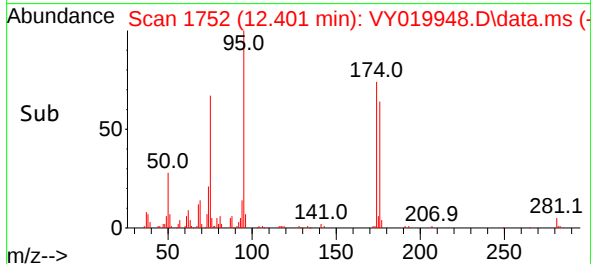
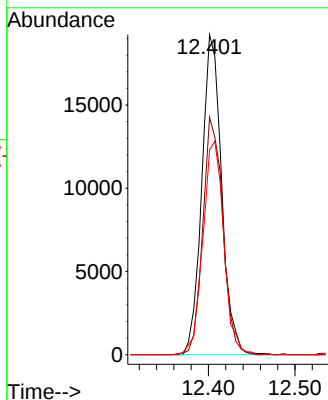
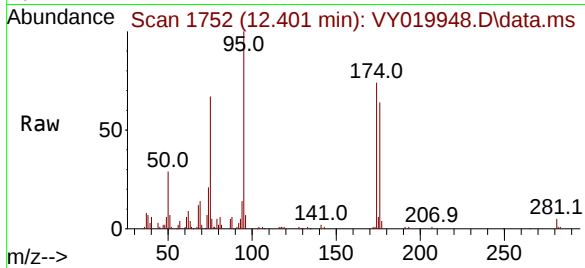




#62
4-Bromofluorobenzene
Concen: 32.249 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

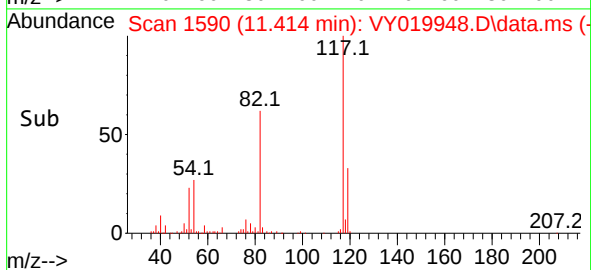
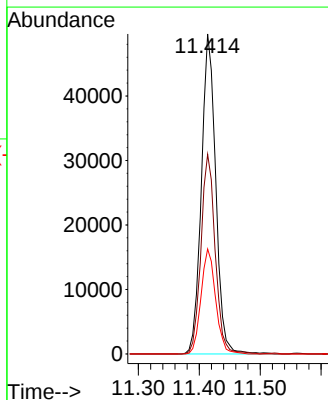
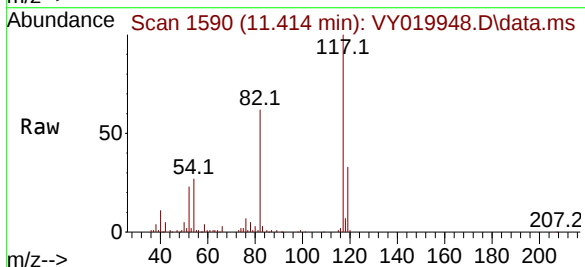
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HOPPER-C-SOLIDRE

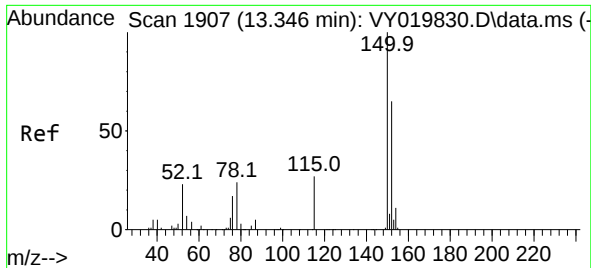
Tgt Ion: 95 Resp: 30494
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 70.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019948.D
Acq: 18 Oct 2024 13:14

Tgt Ion: 117 Resp: 81355
Ion Ratio Lower Upper
117 100
82 62.3 42.4 63.6
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019948.D
 Acq: 18 Oct 2024 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:	152	Resp:	23957
Ion	Ratio	Lower	Upper
152	100		
115	63.7	28.2	84.7
150	153.9	0.0	345.6

