

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019491.D
 Acq On : 10 Sep 2024 16:34
 Operator : SY/MD
 Sample : P3916-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-090924

Quant Time: Sep 11 01:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

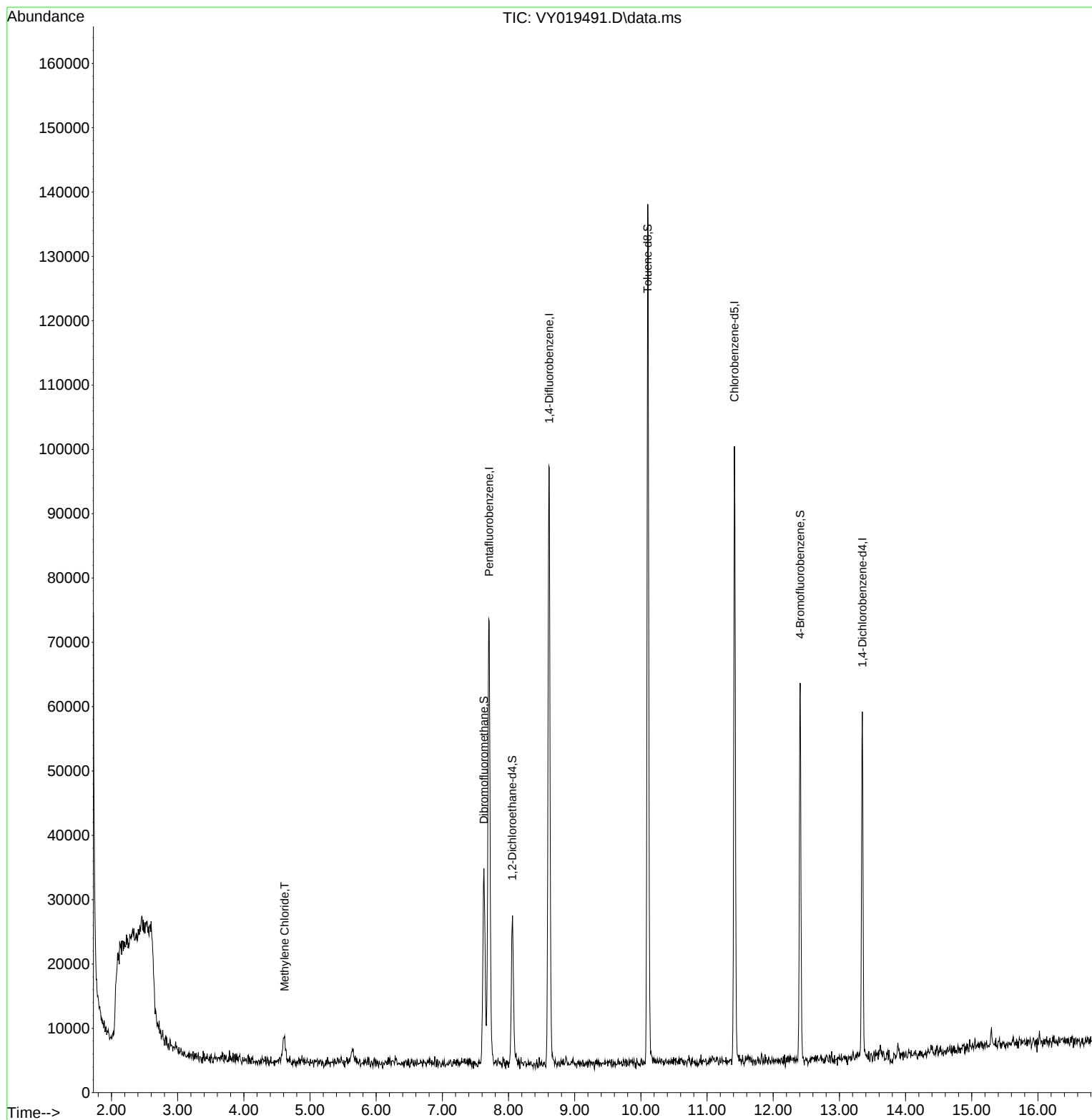
Internal Standards						
1) Pentafluorobenzene	7.707	168	51961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	80965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	49326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	13467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	18003	37.417	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.840%
35) Dibromofluoromethane	7.628	113	21726	47.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.103	98	86775	51.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.408	95	19529	29.912	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	59.820%
Target Compounds						
20) Methylene Chloride	4.616	84	3208	6.137	ug/l	# 91

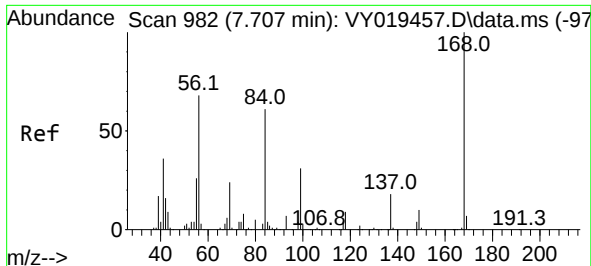
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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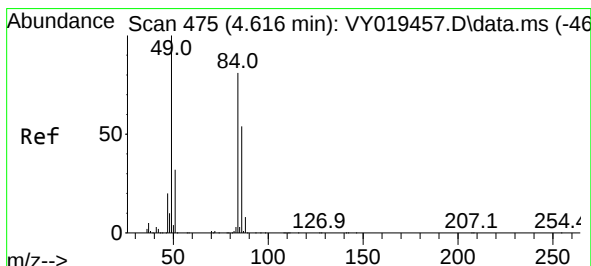
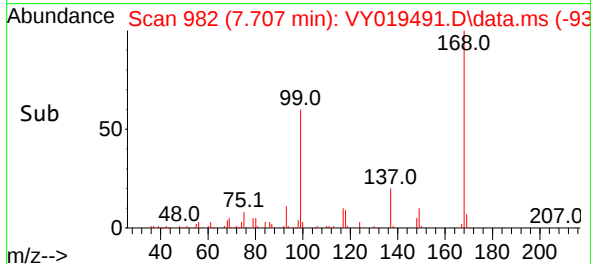
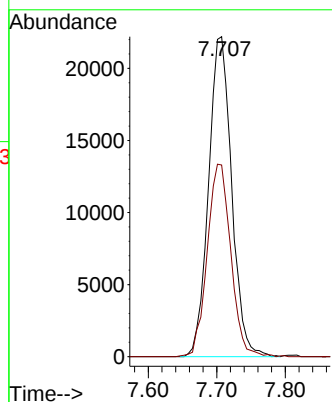
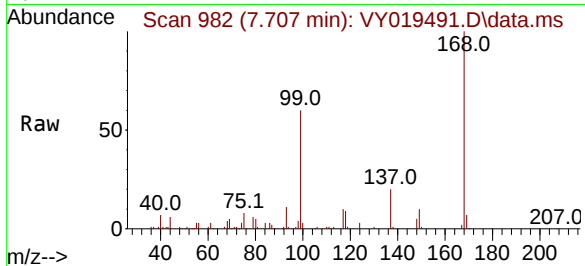




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019491.D
Acq: 10 Sep 2024 16:34

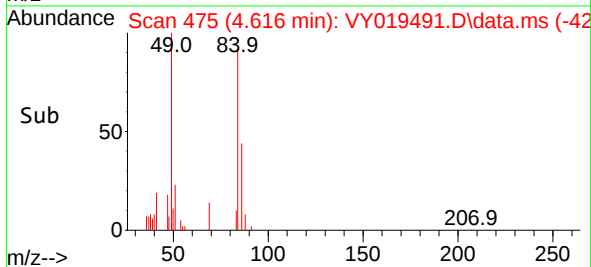
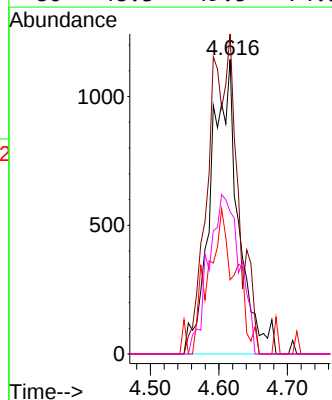
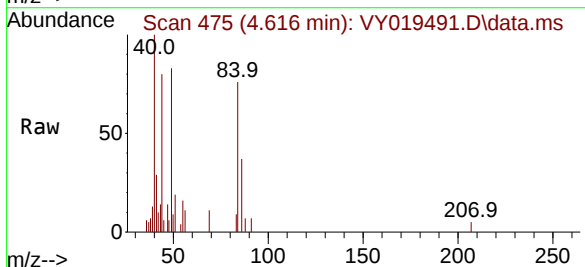
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-090924

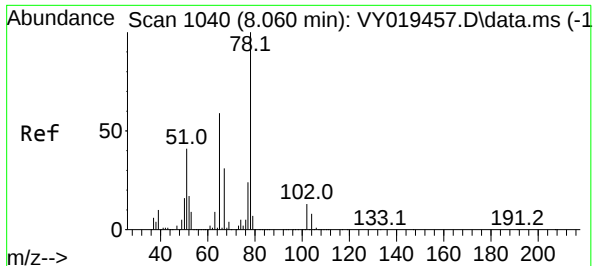
Tgt Ion:168 Resp: 51961
Ion Ratio Lower Upper
168 100
99 59.6 39.1 58.7#



#20
Methylene Chloride
Concen: 6.137 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019491.D
Acq: 10 Sep 2024 16:34

Tgt Ion: 84 Resp: 3208
Ion Ratio Lower Upper
84 100
49 108.7 84.4 126.6
51 25.2 26.0 39.0#
86 48.3 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 37.417 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY019491.D

Acq: 10 Sep 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

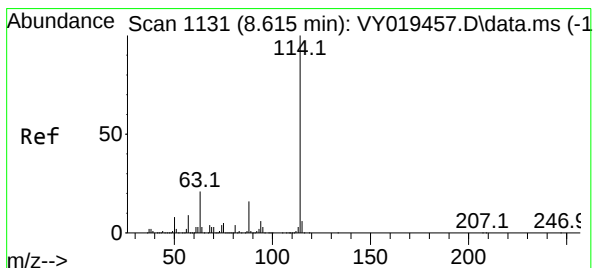
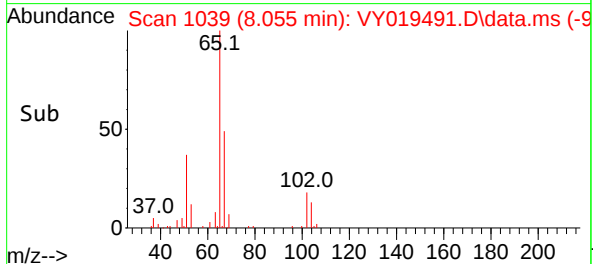
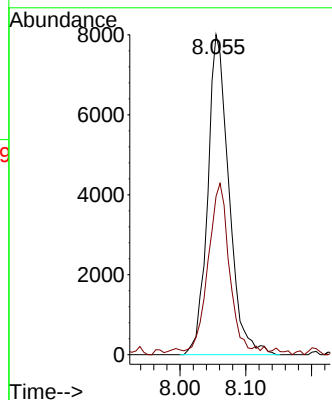
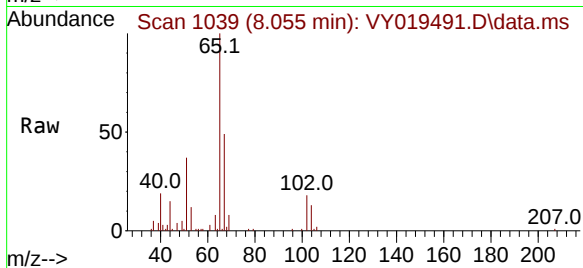
SU-04-090924

Tgt Ion: 65 Resp: 18003

Ion Ratio Lower Upper

65 100

67 50.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019491.D

Acq: 10 Sep 2024 16:34

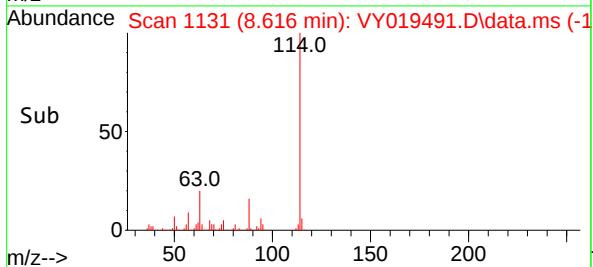
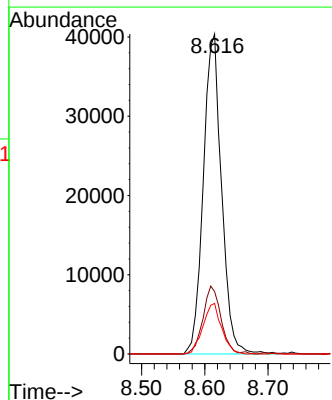
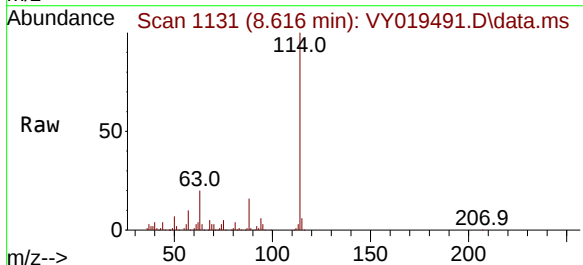
Tgt Ion: 114 Resp: 80965

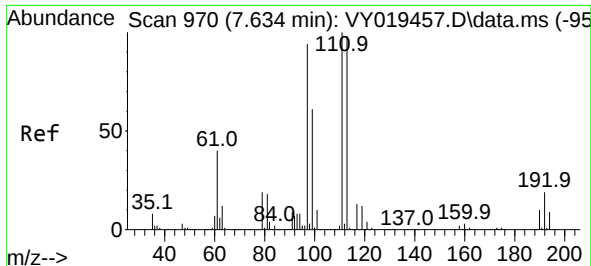
Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.0

88 15.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 47.327 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY019491.D

Acq: 10 Sep 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-090924

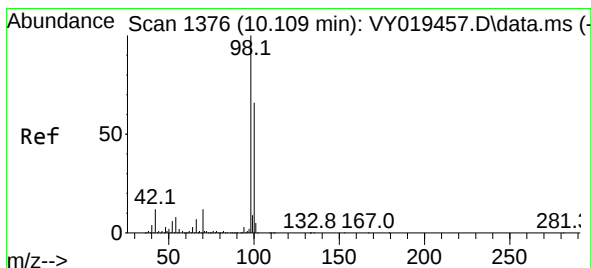
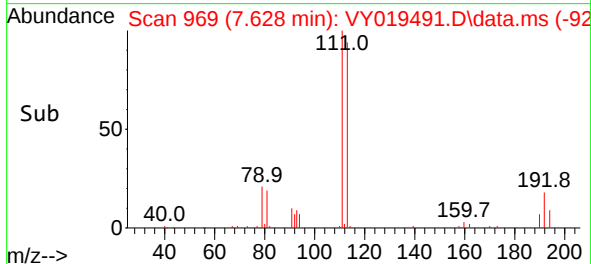
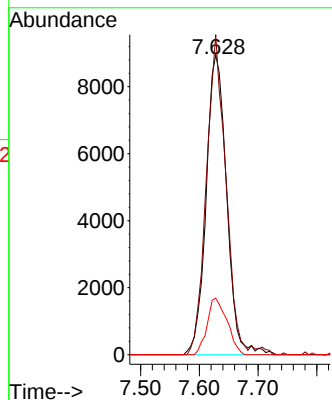
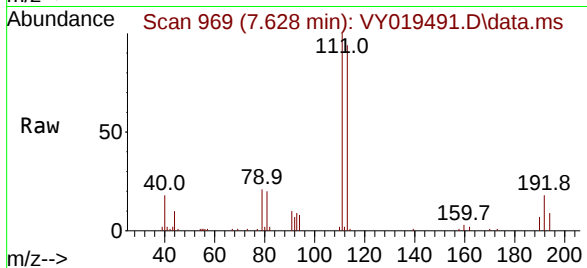
Tgt Ion:113 Resp: 21726

Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

192 18.2 15.9 23.9



#50

Toluene-d8

Concen: 51.106 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019491.D

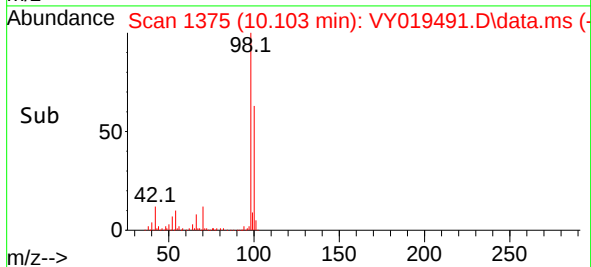
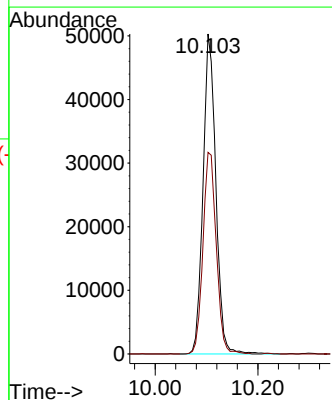
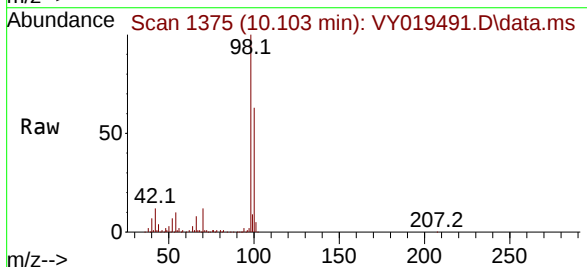
Acq: 10 Sep 2024 16:34

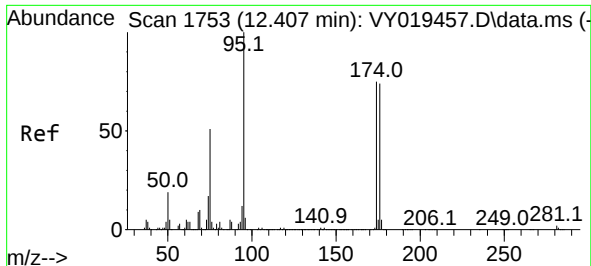
Tgt Ion: 98 Resp: 86775

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

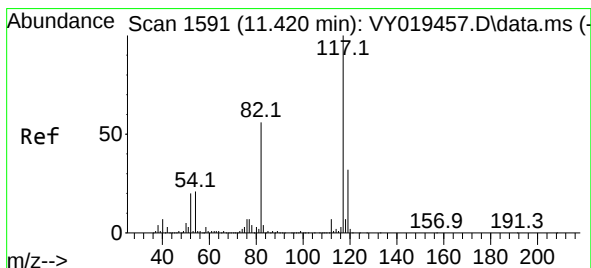
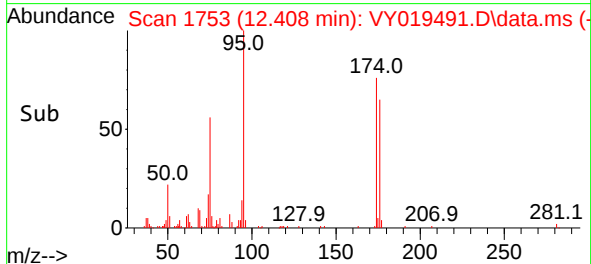
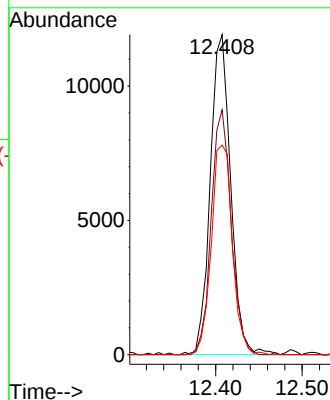
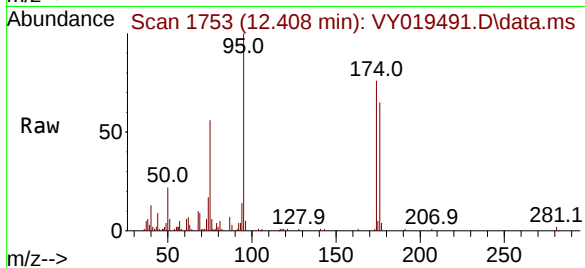




#62
4-Bromofluorobenzene
Concen: 29.912 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019491.D
Acq: 10 Sep 2024 16:34

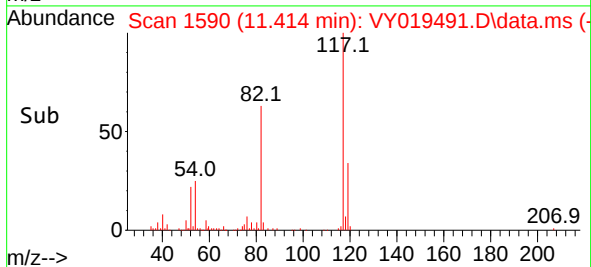
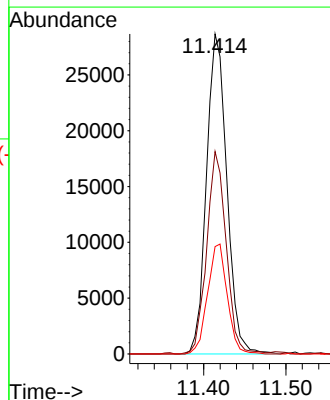
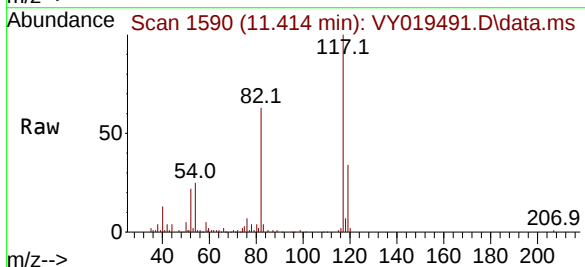
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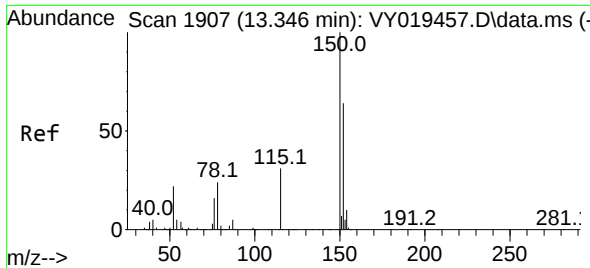
Tgt Ion: 95 Resp: 19529
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 67.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019491.D
Acq: 10 Sep 2024 16:34

Tgt Ion: 117 Resp: 49326
Ion Ratio Lower Upper
117 100
82 63.3 42.4 63.6
119 33.5 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: VY019491.D
 Acq: 10 Sep 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-090924

Tgt Ion:	152	Resp:	13467
Ion	Ratio	Lower	Upper
152	100		
115	57.2	28.2	84.7
150	149.9	0.0	345.6

