

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019255.D
 Acq On : 23 Aug 2024 14:16
 Operator : SY/MD
 Sample : P3663-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 914-J-SD-0-0.5-081624

Quant Time: Aug 23 22:57:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

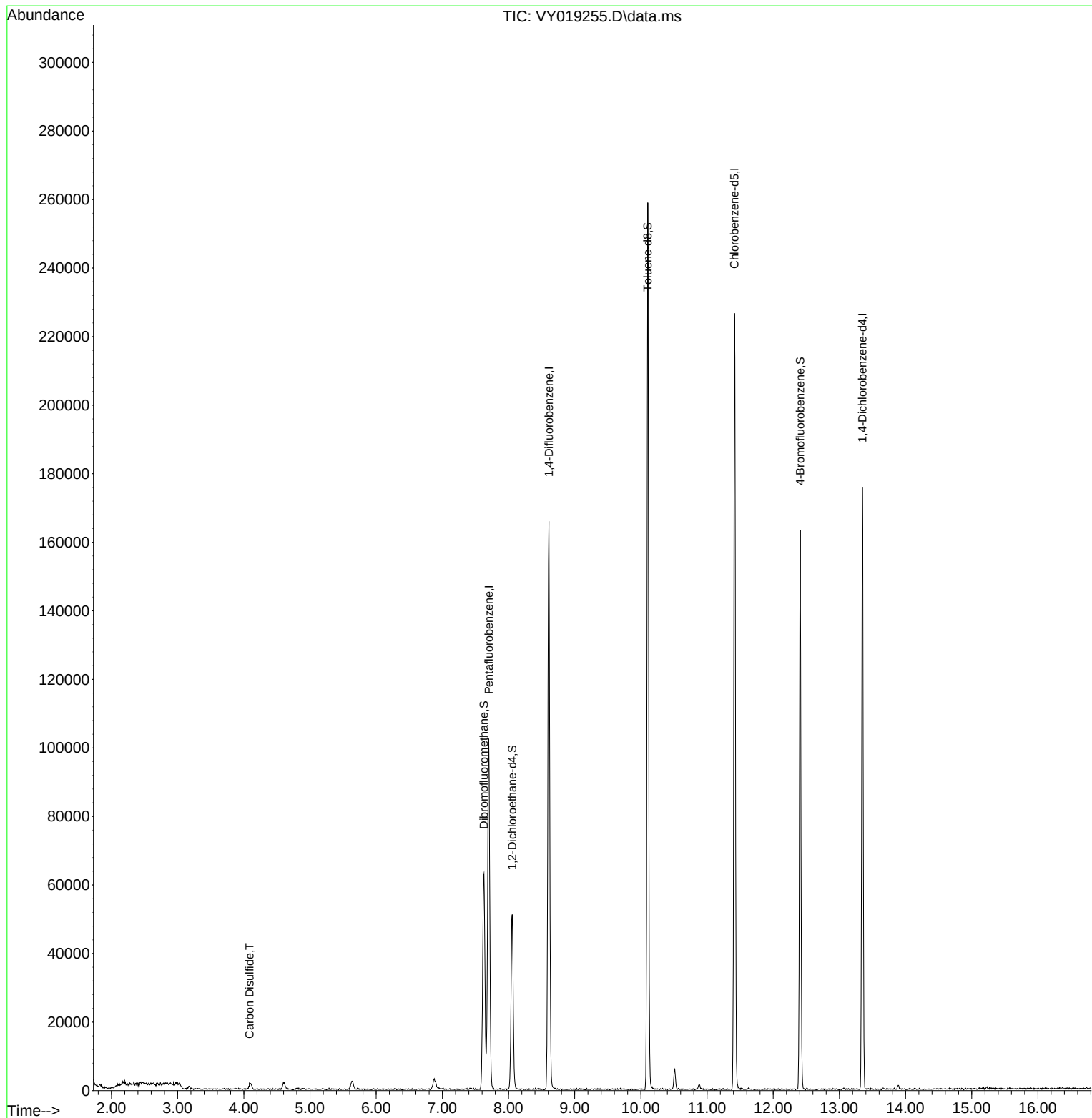
Internal Standards						
1) Pentafluorobenzene	7.701	168	79122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	145461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40762	51.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.780%
35) Dibromofluoromethane	7.628	113	45764	48.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.240%
50) Toluene-d8	10.103	98	161642	47.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.408	95	45360	38.876	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	77.760%
Target Compounds						
17) Carbon Disulfide	4.086	76	3831	1.721	ug/l	Qvalue # 94

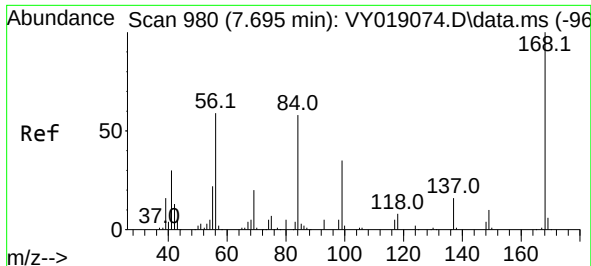
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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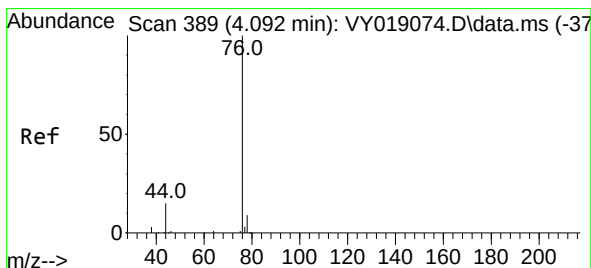
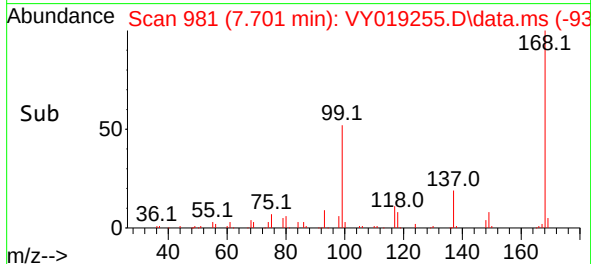
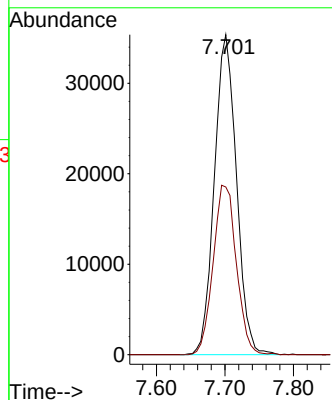
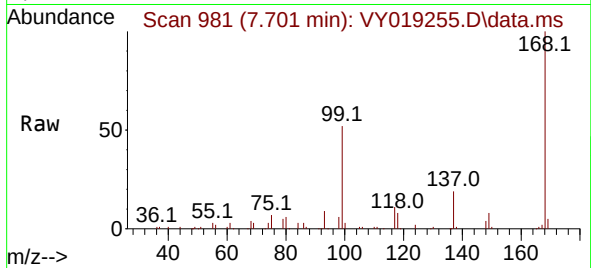




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

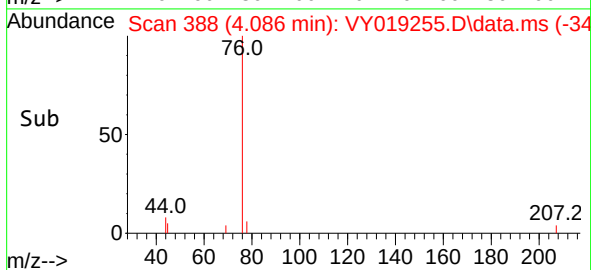
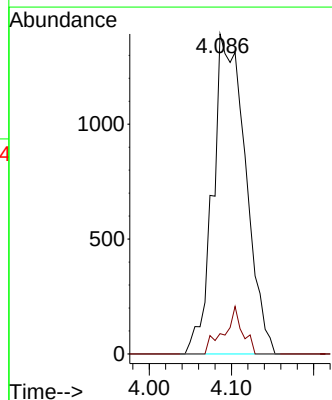
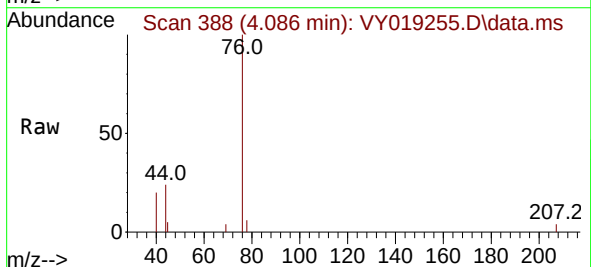
Instrument :
MSVOA_Y
ClientSampleId :
914-J-SD-0-0.5-081624

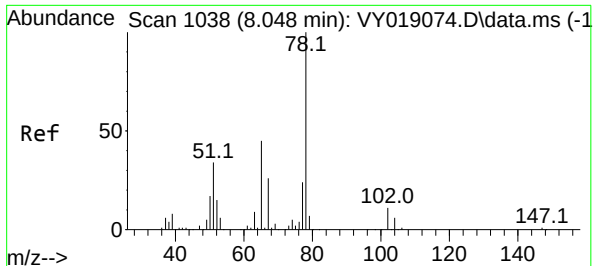
Tgt Ion:168 Resp: 79122
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#17
Carbon Disulfide
Concen: 1.721 ug/l
RT: 4.086 min Scan# 388
Delta R.T. -0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 76 Resp: 3831
Ion Ratio Lower Upper
76 100
78 6.3 6.8 10.2#





#33

1,2-Dichloroethane-d4

Concen: 51.393 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019255.D

Acq: 23 Aug 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

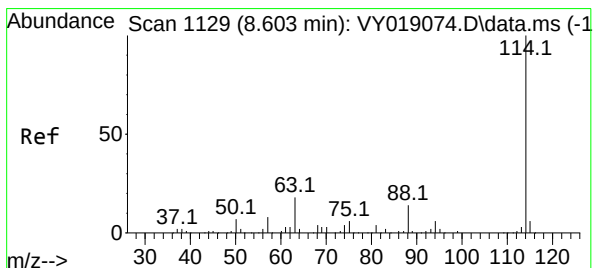
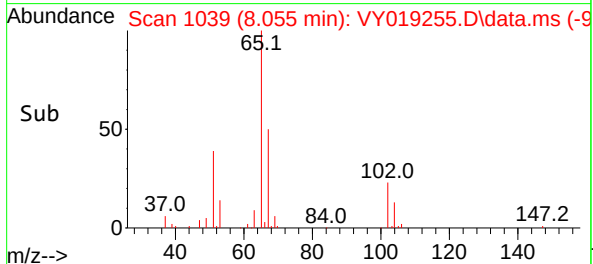
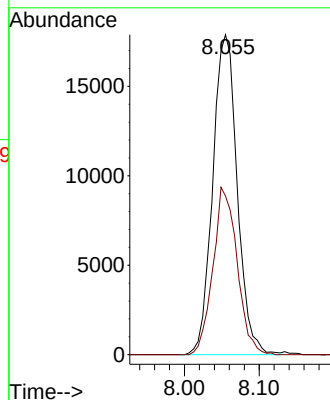
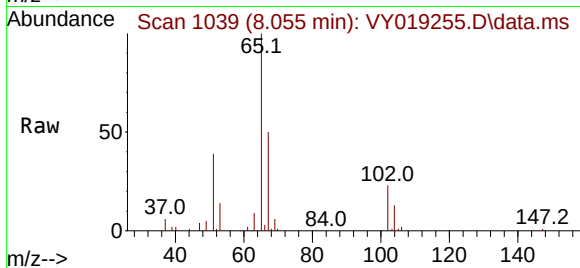
914-J-SD-0-0.5-081624

Tgt Ion: 65 Resp: 40762

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019255.D

Acq: 23 Aug 2024 14:16

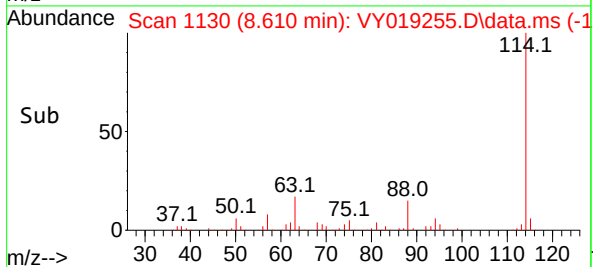
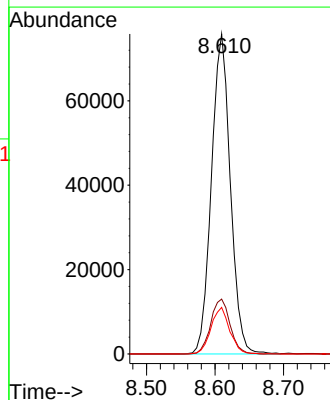
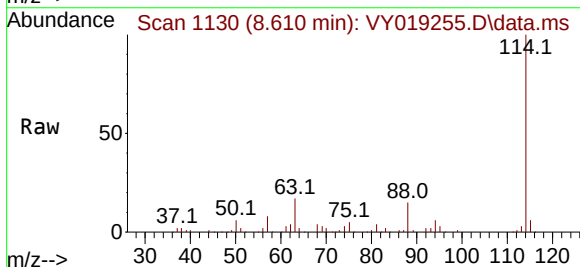
Tgt Ion: 114 Resp: 145461

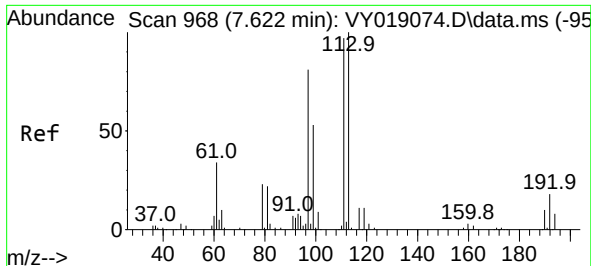
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 14.5 0.0 27.2

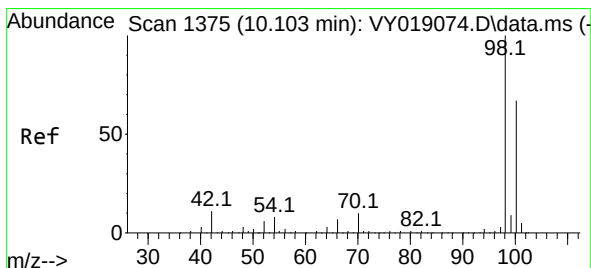
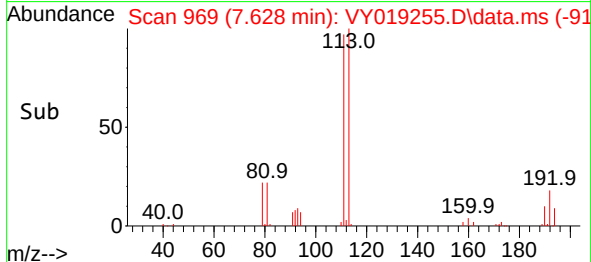
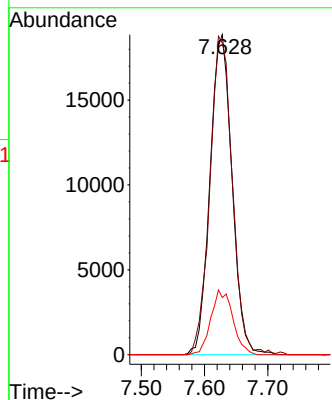
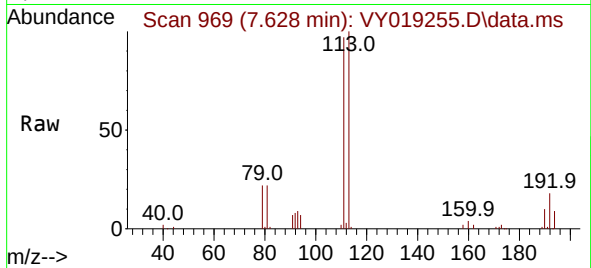




#35
Dibromofluoromethane
Concen: 48.116 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

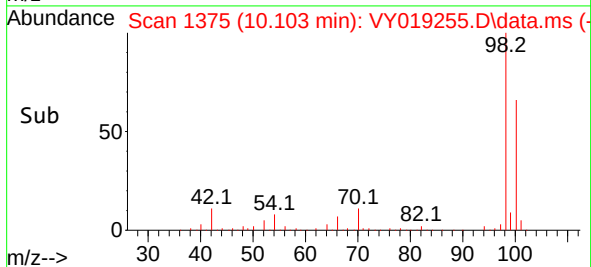
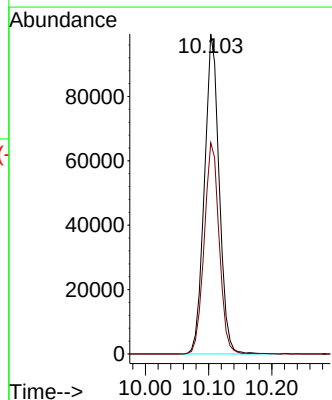
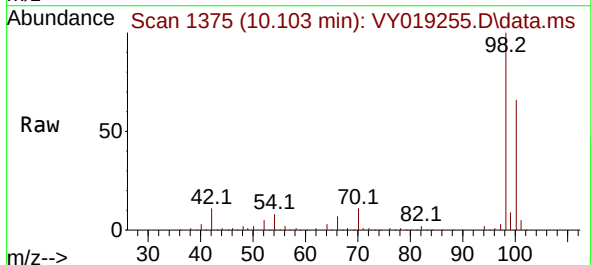
Instrument :
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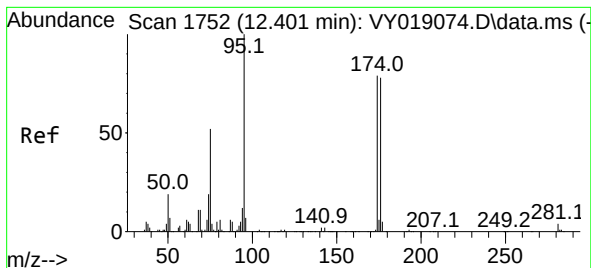
Tgt Ion:113 Resp: 45764
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 20.0 15.9 23.9



#50
Toluene-d8
Concen: 47.226 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 98 Resp: 161642
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

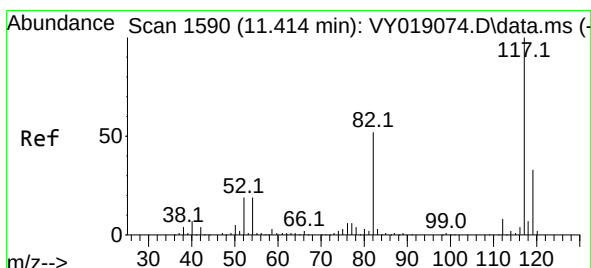
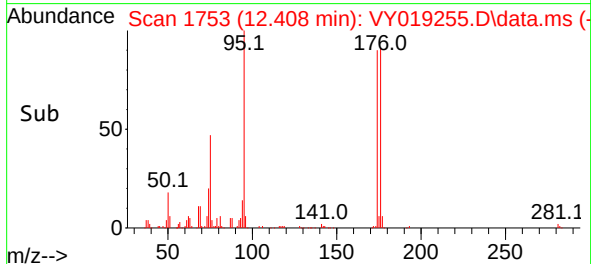
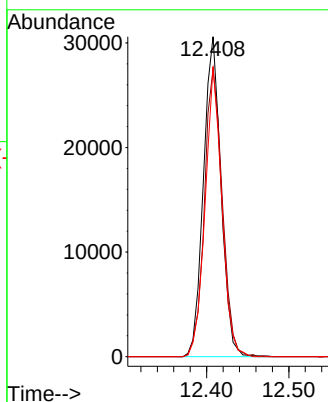
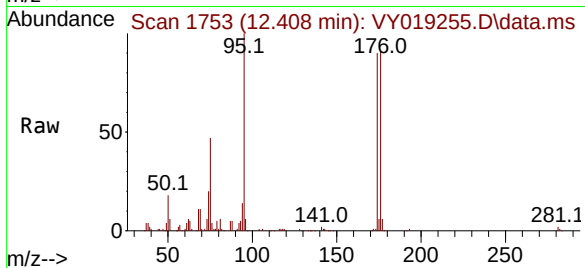




#62
4-Bromofluorobenzene
Concen: 38.876 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

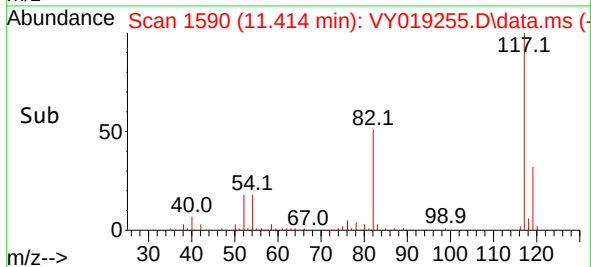
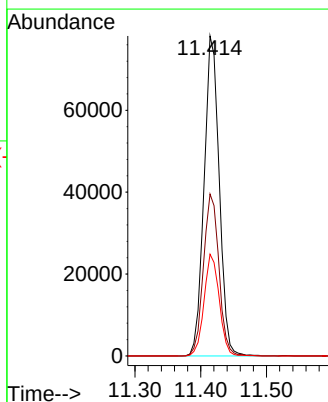
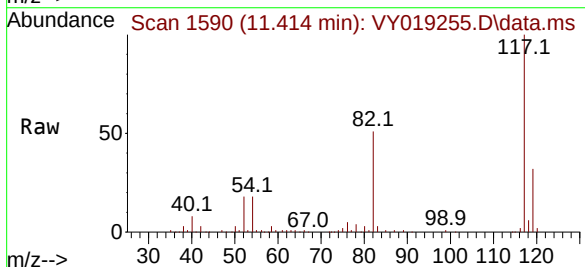
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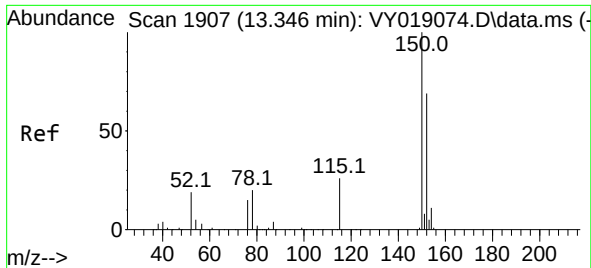
Tgt Ion: 95 Resp: 45360
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 86.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 117 Resp: 125592
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019255.D

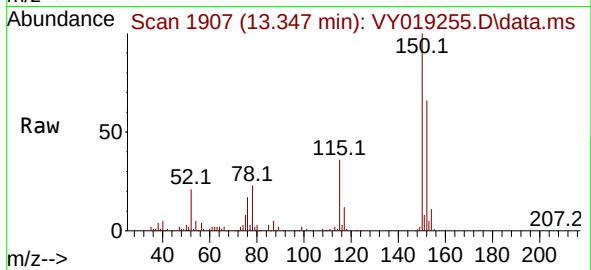
Acq: 23 Aug 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 44065

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 155.7 0.0 345.6

