

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019121.D
 Acq On : 19 Aug 2024 16:55
 Operator : SY/MD
 Sample : P3580-02
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 926-K1-SD-0.5-1-081224

Quant Time: Aug 20 01:47:46 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)

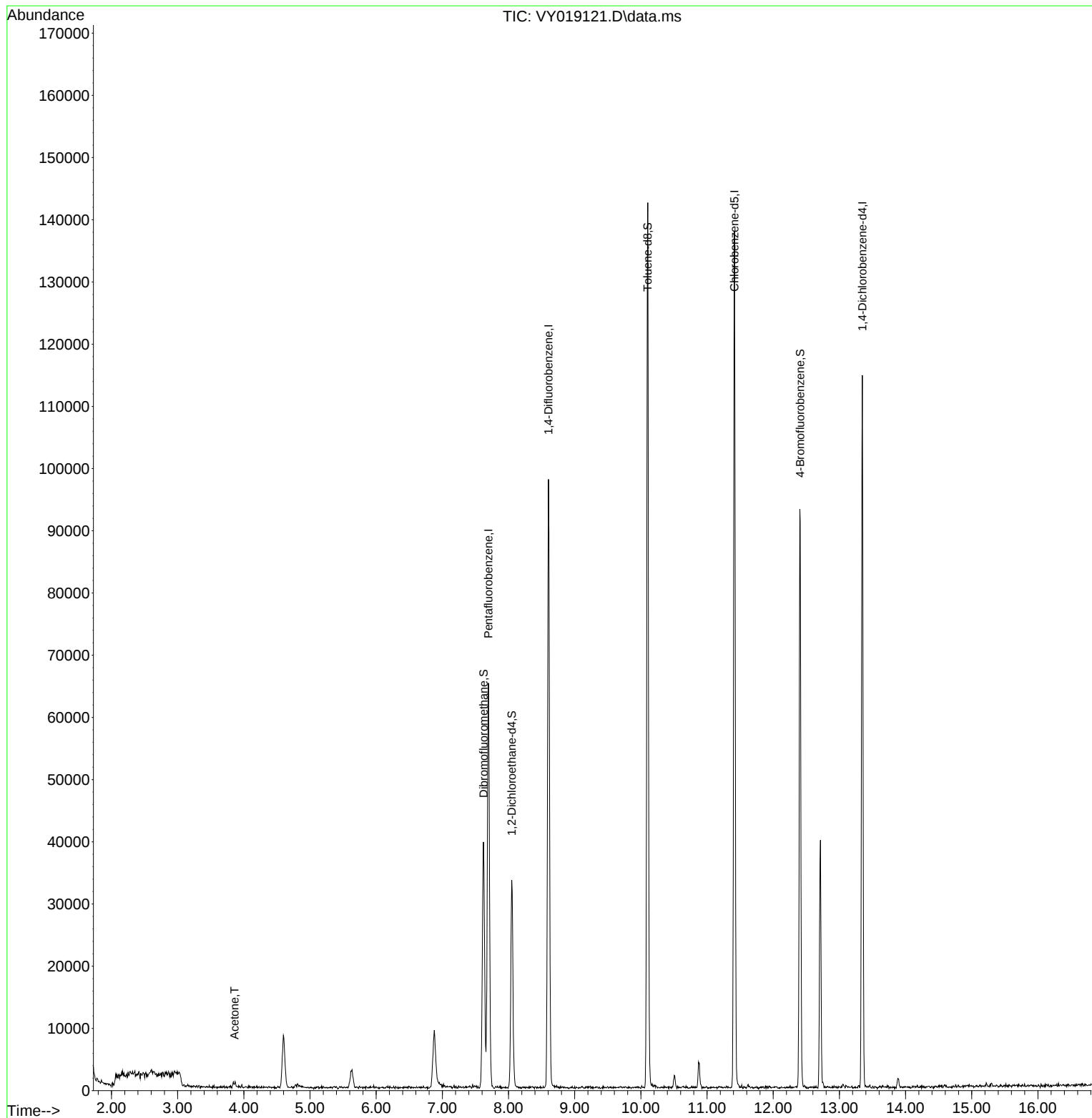
Internal Standards						
1) Pentafluorobenzene	7.695	168	49397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	84356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	74172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	29296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	25772	52.047	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.100%
35) Dibromofluoromethane	7.622	113	28678	51.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.980%
50) Toluene-d8	10.103	98	90947	45.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.408	95	27529	40.684	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.360%
Target Compounds						
16) Acetone	3.860	43	1466	15.964	ug/l	Qvalue # 75

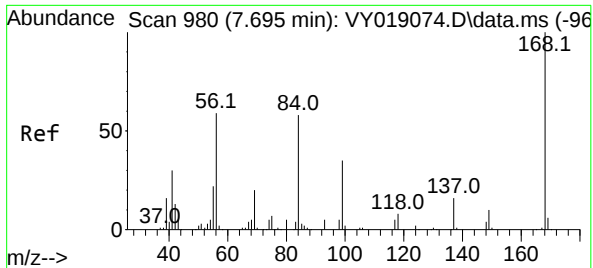
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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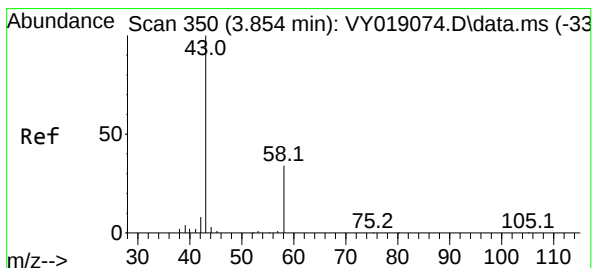
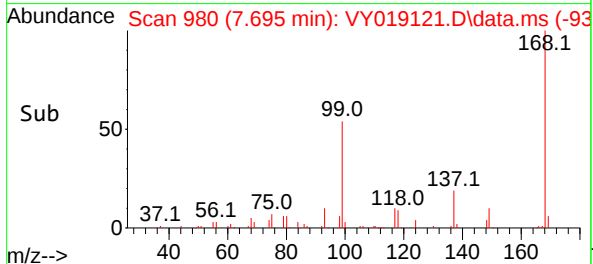
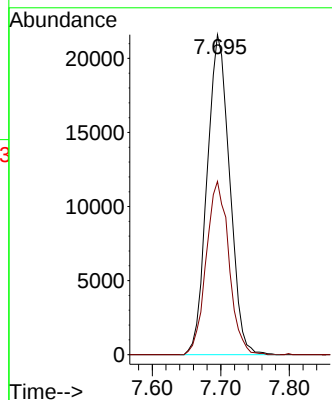
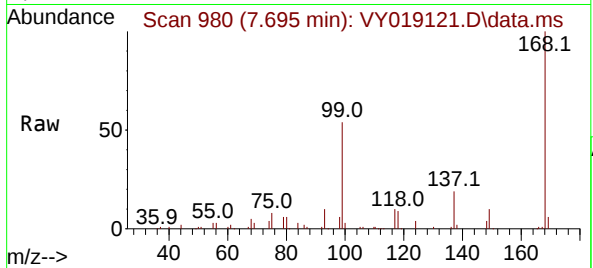




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

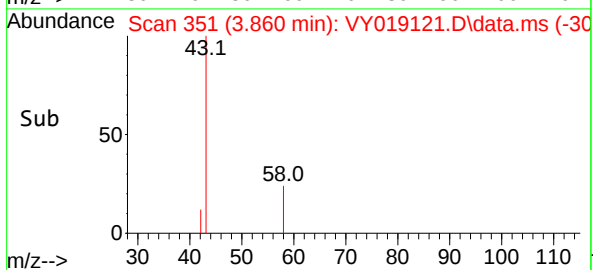
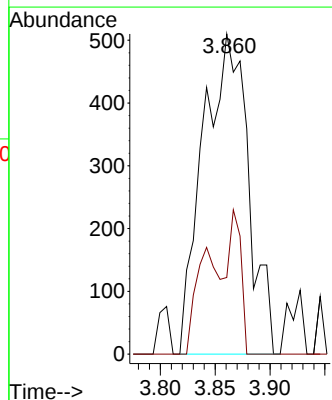
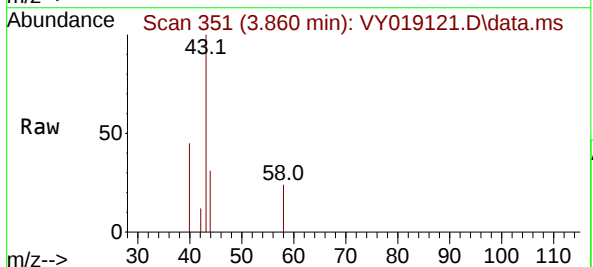
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0.5-1-081224

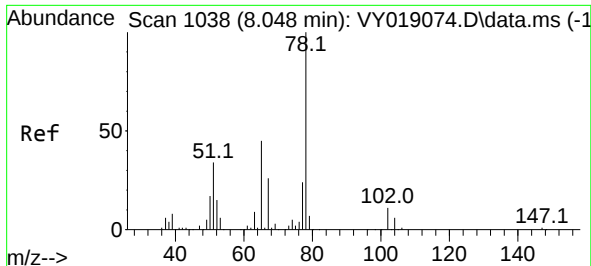
Tgt Ion:168 Resp: 49397
Ion Ratio Lower Upper
168 100
99 54.2 39.1 58.7



#16
Acetone
Concen: 15.964 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

Tgt Ion: 43 Resp: 1466
Ion Ratio Lower Upper
43 100
58 23.9 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 52.047 ug/l

RT: 8.049 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019121.D

Acq: 19 Aug 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :

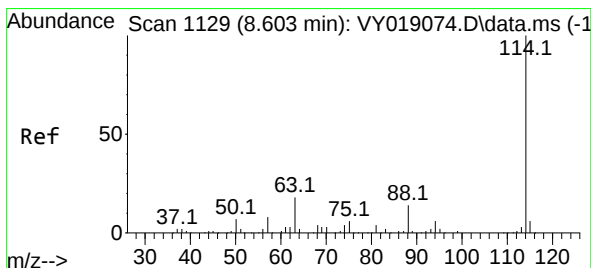
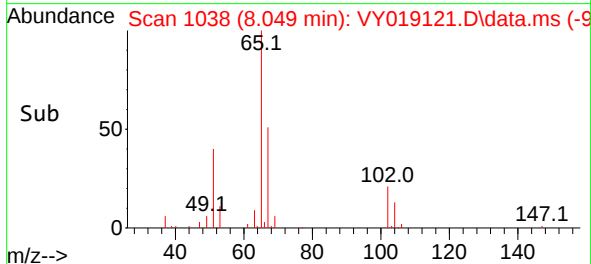
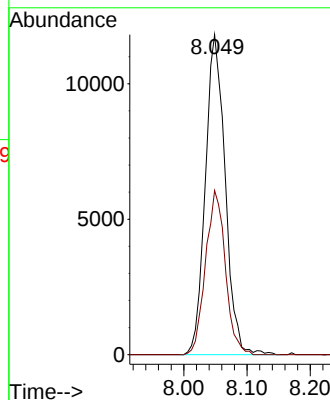
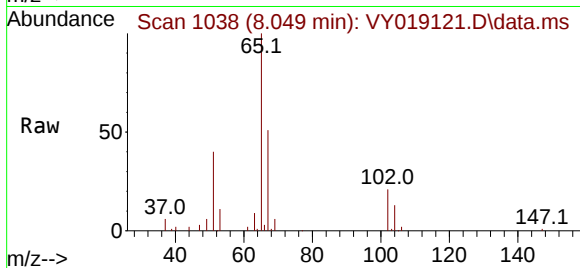
926-K1-SD-0.5-1-081224

Tgt Ion: 65 Resp: 25772

Ion Ratio Lower Upper

65 100

67 51.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.604 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019121.D

Acq: 19 Aug 2024 16:55

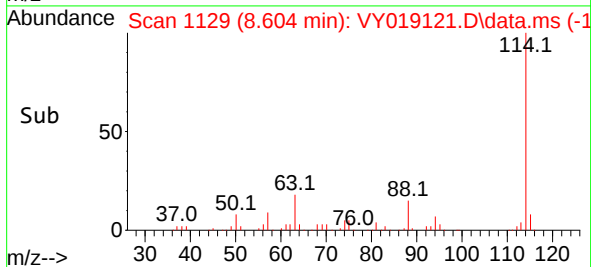
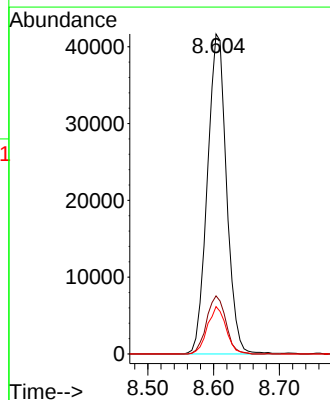
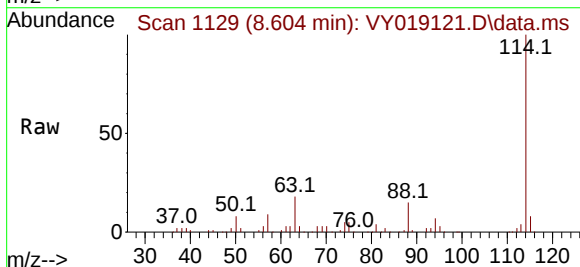
Tgt Ion: 114 Resp: 84356

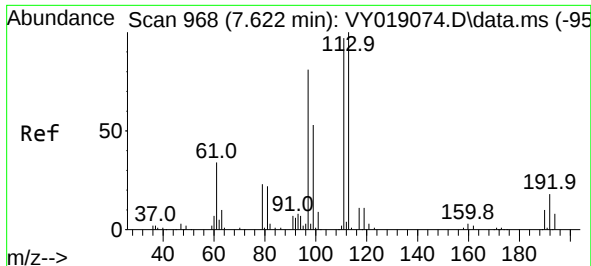
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.8 0.0 27.2

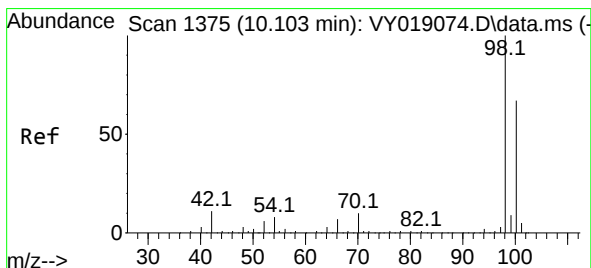
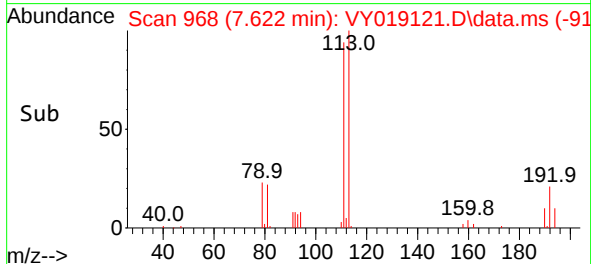
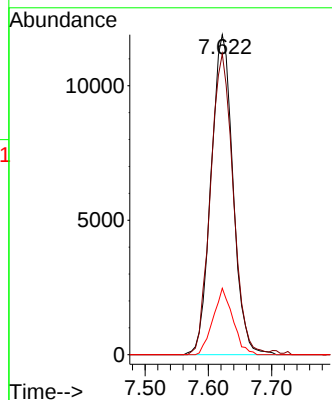
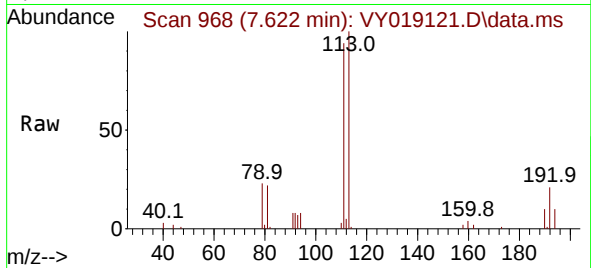




#35
Dibromofluoromethane
Concen: 51.993 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

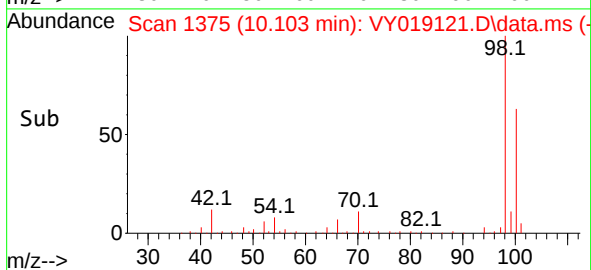
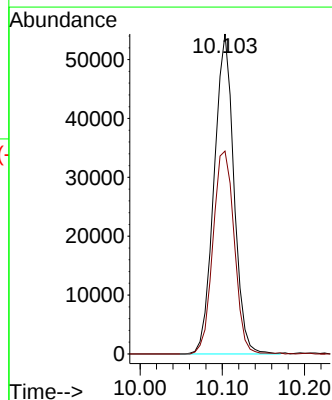
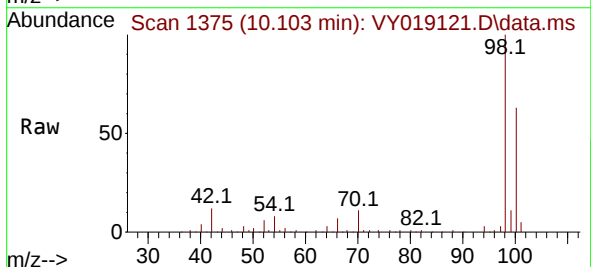
Instrument :
MSVOA_Y
ClientSampleId :
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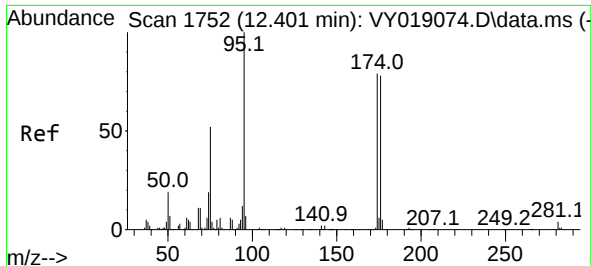
Tgt Ion:113 Resp: 28678
Ion Ratio Lower Upper
113 100
111 97.1 82.2 123.4
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 45.819 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

Tgt Ion: 98 Resp: 90947
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0

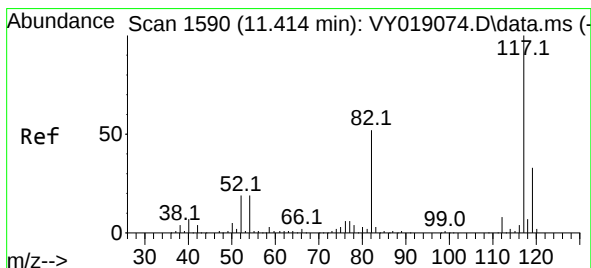
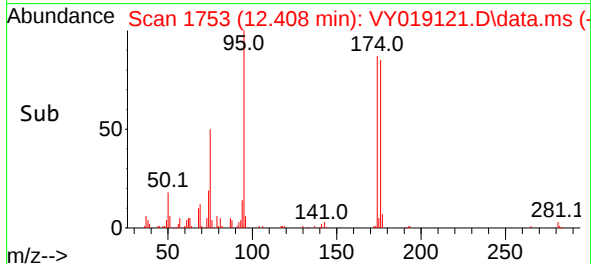
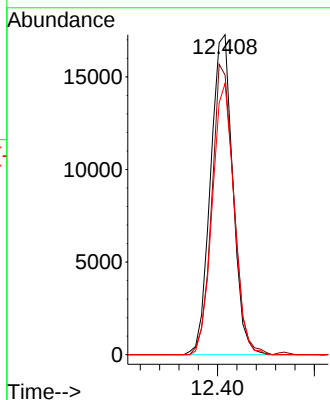
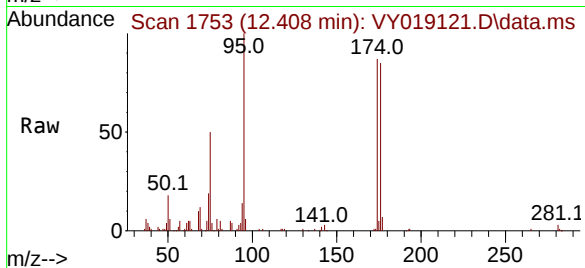




#62
4-Bromofluorobenzene
Concen: 40.684 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

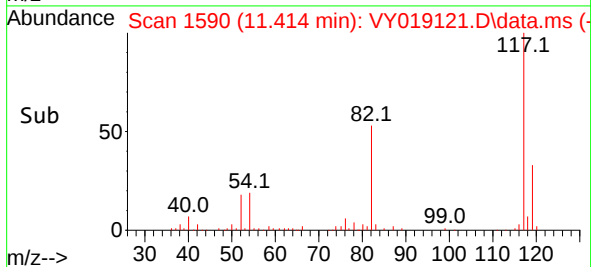
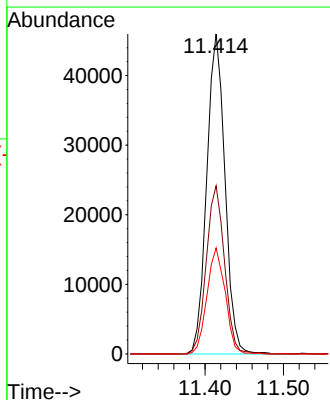
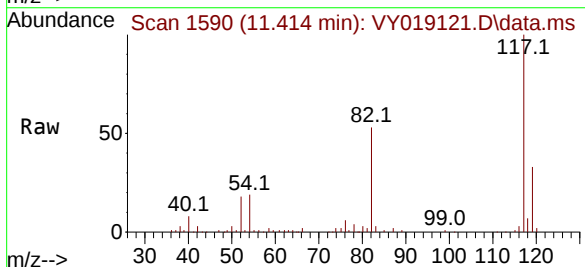
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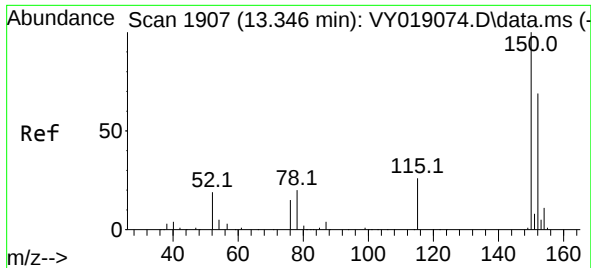
Tgt Ion:	95	Resp:	27529
Ion Ratio	Lower	Upper	
95	100		
174	89.5	0.0	175.6
176	83.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019121.D
Acq: 19 Aug 2024 16:55

Tgt Ion:	117	Resp:	74172
Ion Ratio	Lower	Upper	
117	100		
82	52.5	42.4	63.6
119	33.2	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: VY019121.D

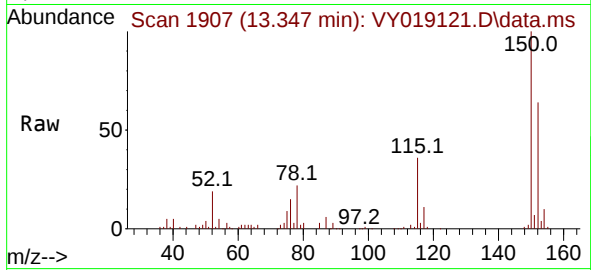
Acq: 19 Aug 2024 16:55

Instrument :

MSVOA_Y

ClientSampleId :

926-K1-SD-0.5-1-081224



Tgt Ion:152 Resp: 29296

Ion Ratio Lower Upper

152 100

115 56.0 28.2 84.7

150 156.6 0.0 345.6

