

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019120.D
 Acq On : 19 Aug 2024 16:30
 Operator : SY/MD
 Sample : P3580-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 926-K1-SD-0-0.5-081224RE

Quant Time: Aug 20 01:47:21 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)

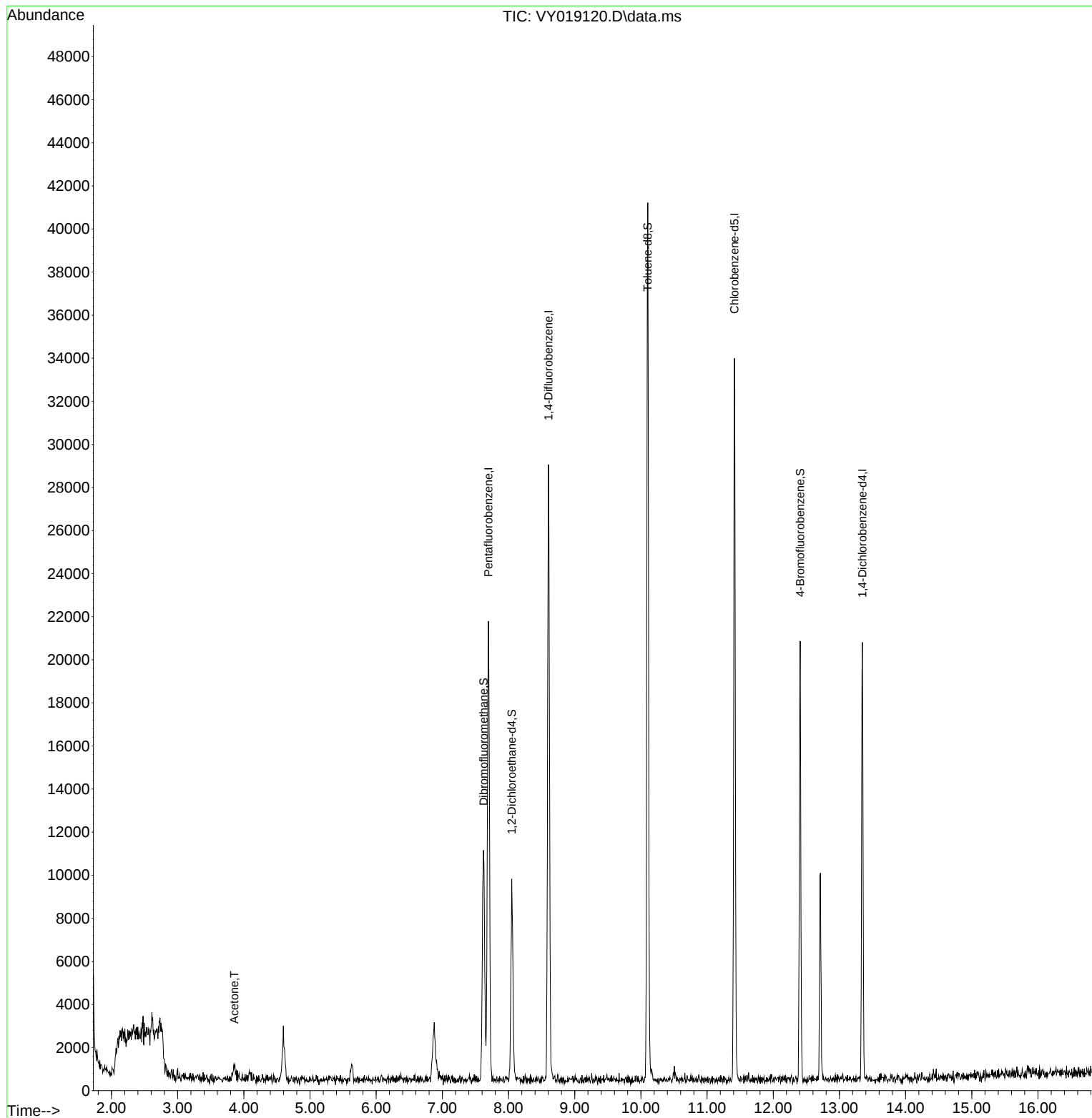
Internal Standards						
1) Pentafluorobenzene	7.695	168	16431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	25413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	18638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	5153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	6630	40.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.500%
35) Dibromofluoromethane	7.622	113	7974	47.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.103	98	27233	45.542	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.407	95	5679	27.859	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	55.720%
Target Compounds						
16) Acetone	3.854	43	1301	42.592	ug/l	Qvalue # 66

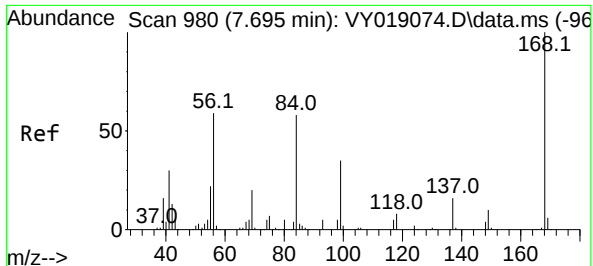
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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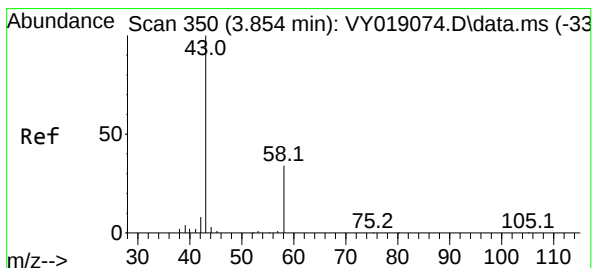
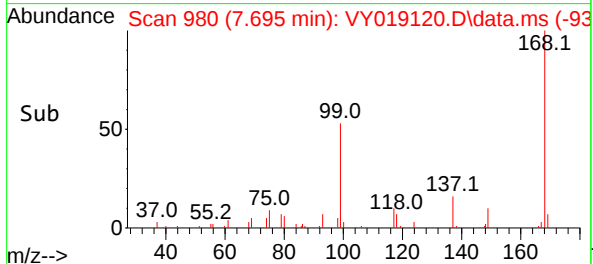
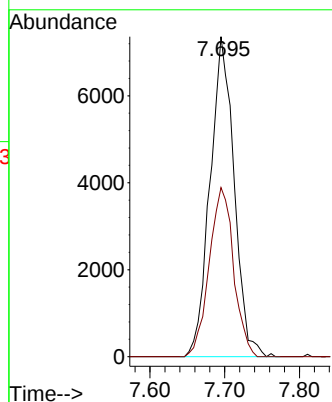
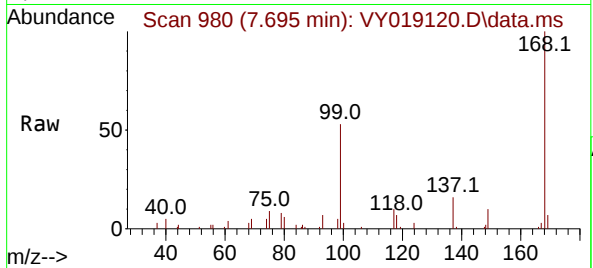




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

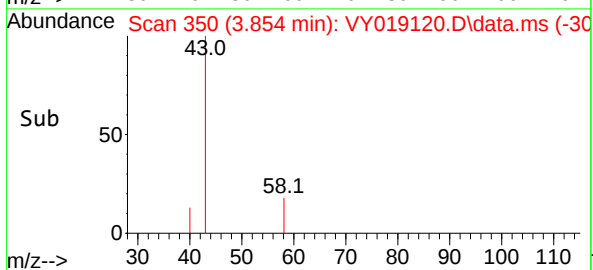
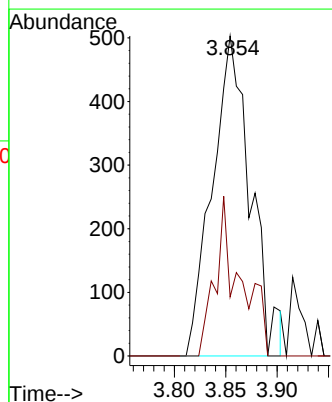
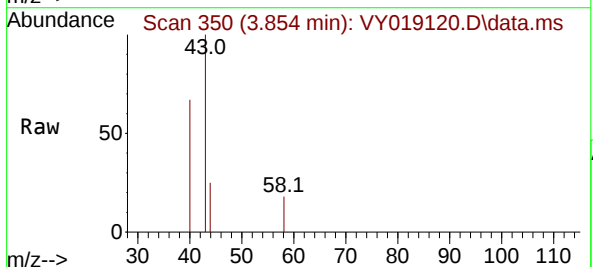
Instrument :
MSVOA_Y
ClientSampleId :
926-K1-SD-0-0.5-081224RE

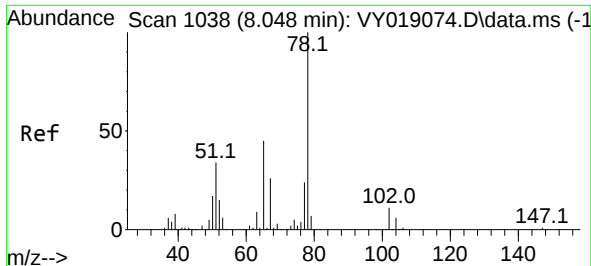
Tgt Ion:168 Resp: 16431
Ion Ratio Lower Upper
168 100
99 52.9 39.1 58.7



#16
Acetone
Concen: 42.592 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

Tgt Ion: 43 Resp: 1301
Ion Ratio Lower Upper
43 100
58 18.5 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 40.253 ug/l

RT: 8.048 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019120.D

Acq: 19 Aug 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

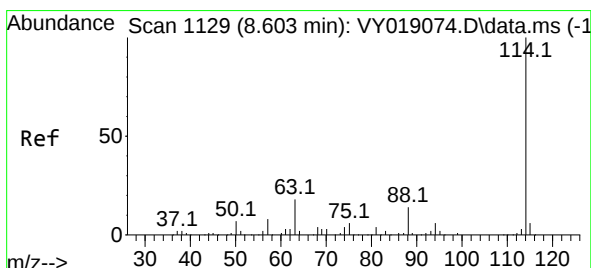
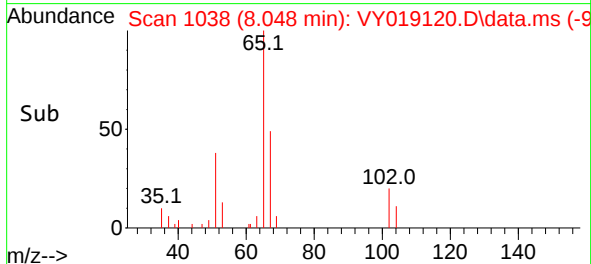
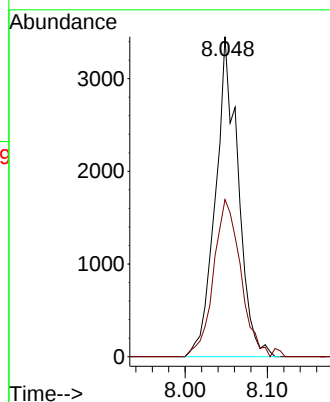
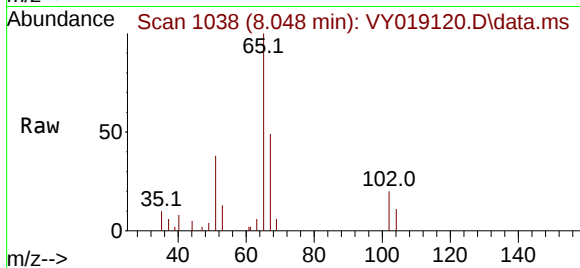
926-K1-SD-0-0.5-081224RE

Tgt Ion: 65 Resp: 6630

Ion Ratio Lower Upper

65 100

67 58.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019120.D

Acq: 19 Aug 2024 16:30

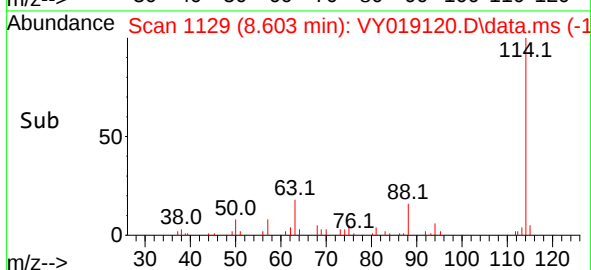
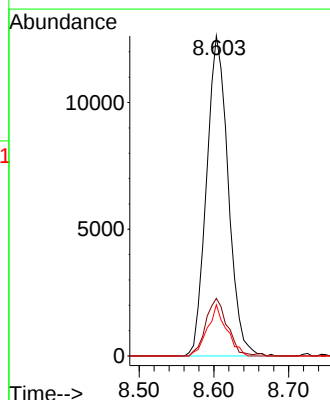
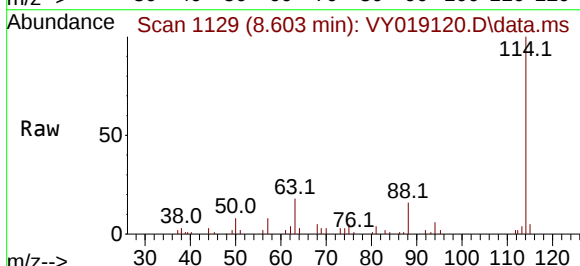
Tgt Ion: 114 Resp: 25413

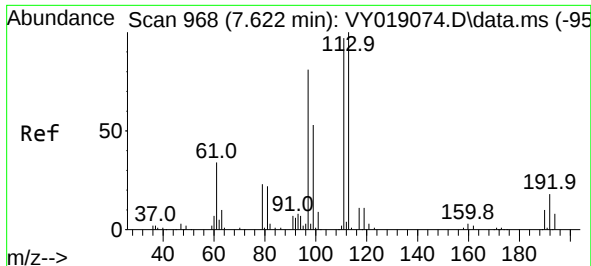
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 16.0 0.0 27.2

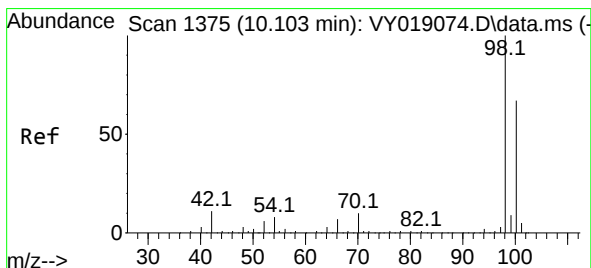
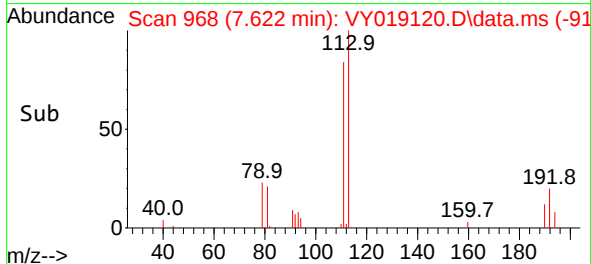
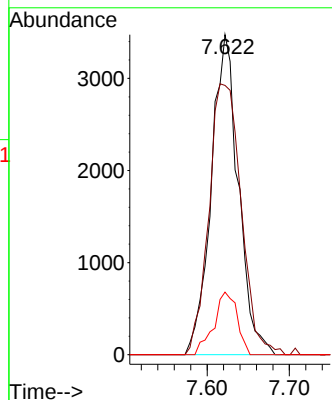
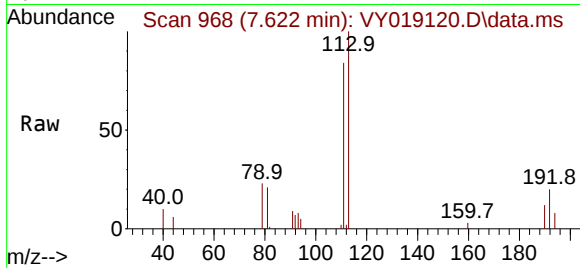




#35
Dibromofluoromethane
Concen: 47.988 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

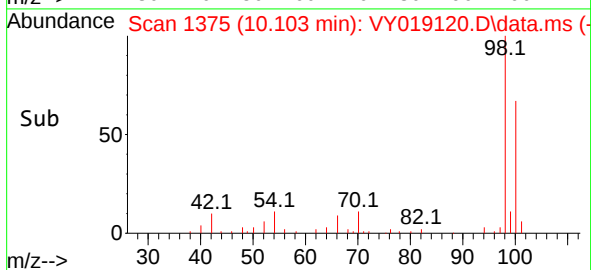
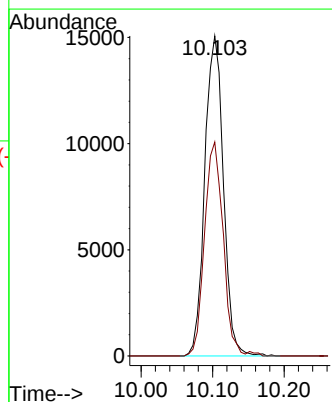
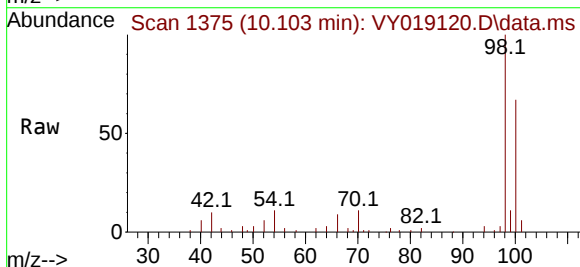
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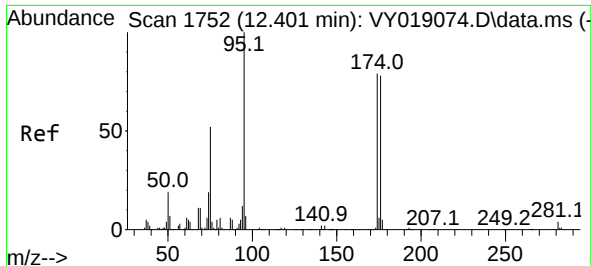
Tgt Ion:	113	Resp:	7974
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.2	123.4
192	16.8	15.9	23.9



#50
Toluene-d8
Concen: 45.542 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

Tgt Ion:	98	Resp:	27233
Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.0	78.0

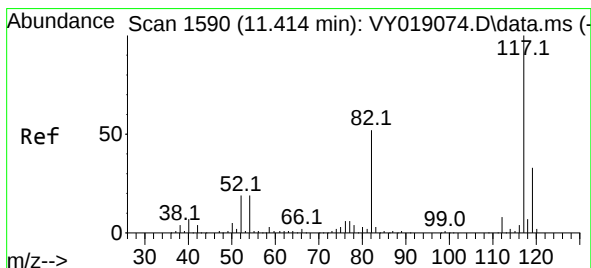
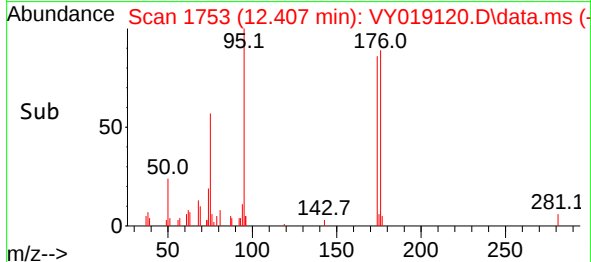
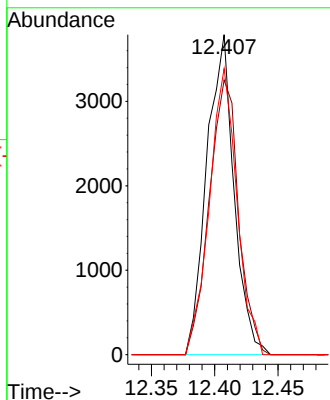
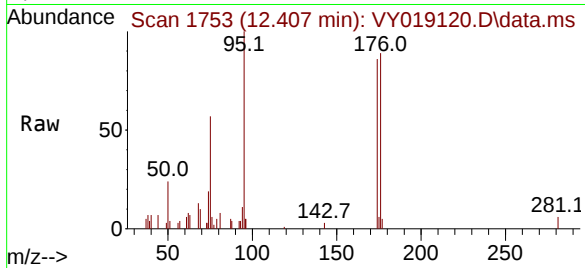




#62
4-Bromofluorobenzene
Concen: 27.859 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

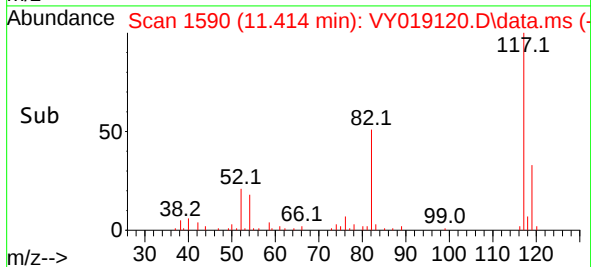
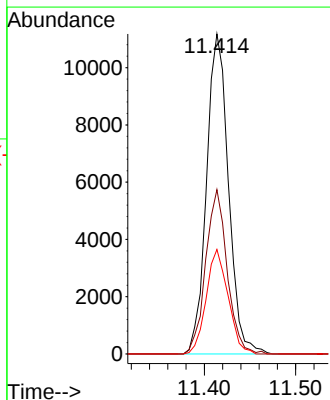
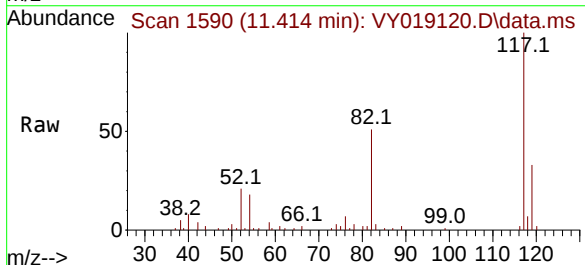
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MSVOA_Y
ClientSampleId :
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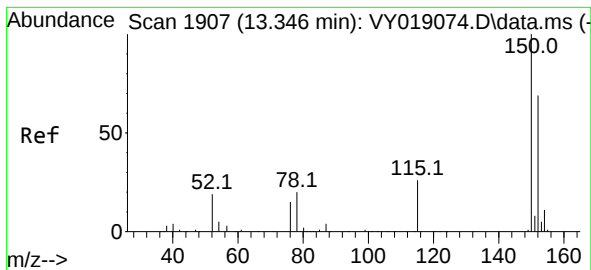
Tgt Ion:	95	Resp:	5679
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	175.6
176	90.8	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019120.D
Acq: 19 Aug 2024 16:30

Tgt Ion:	117	Resp:	18638
Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.4	63.6
119	32.6	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: VY019120.D

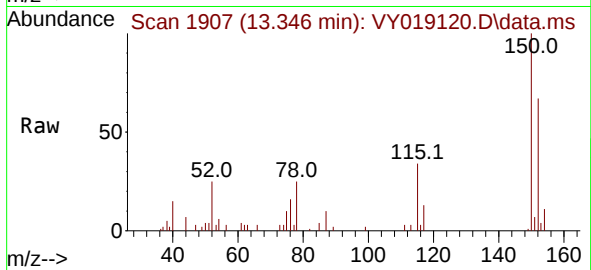
Acq: 19 Aug 2024 16:30

Instrument :

MSVOA_Y

ClientSampleId :

926-K1-SD-0-0.5-081224RE



Tgt Ion:152 Resp: 5153

Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 147.0 0.0 345.6

