

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019090.D
 Acq On : 16 Aug 2024 13:47
 Operator : SY/MD
 Sample : P3615-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-081424

Quant Time: Aug 16 23:13:22 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	1004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	1535	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.408	117	823	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	98	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	488	48.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.622	113	474	47.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.460%
50) Toluene-d8	10.103	98	1419	39.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.580%
62) 4-Bromofluorobenzene	12.408	95	78	6.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	12.660%#

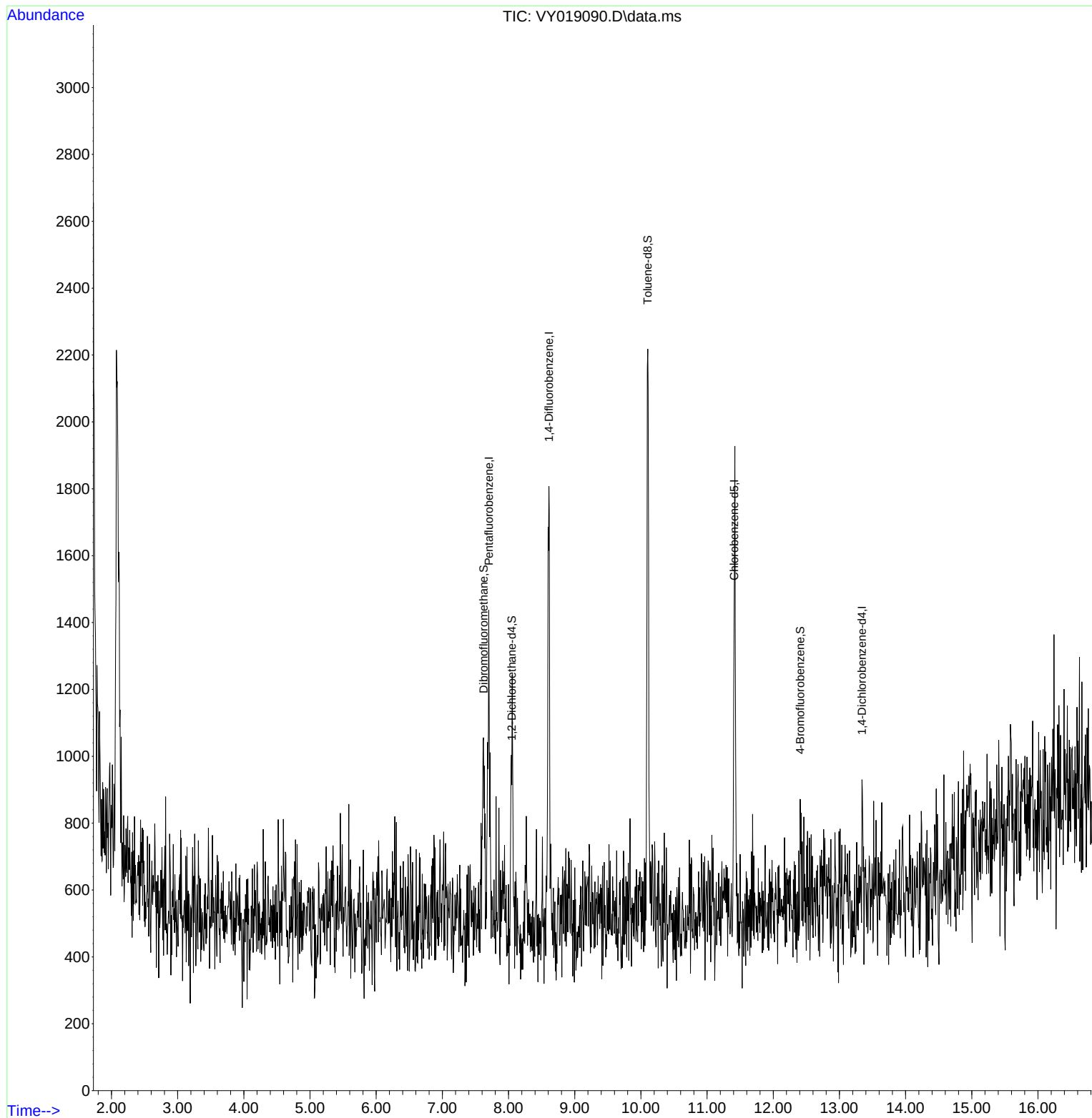
Target Compounds Qvalue

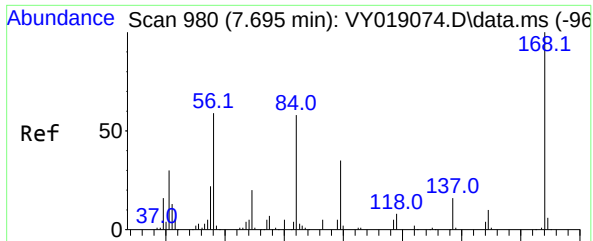
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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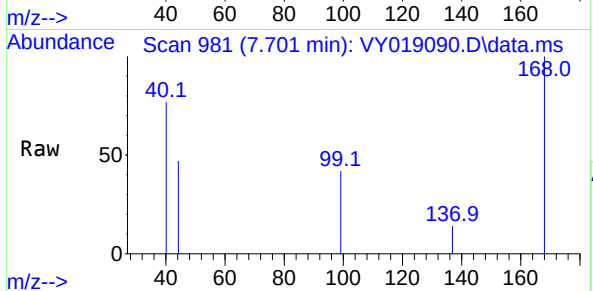
Quant Time: Aug 16 23:13:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
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Response via : Initial Calibration



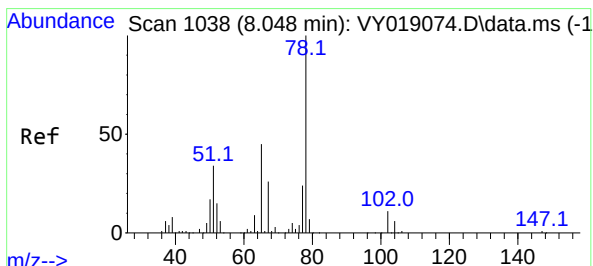
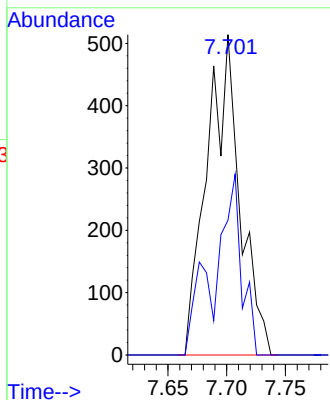
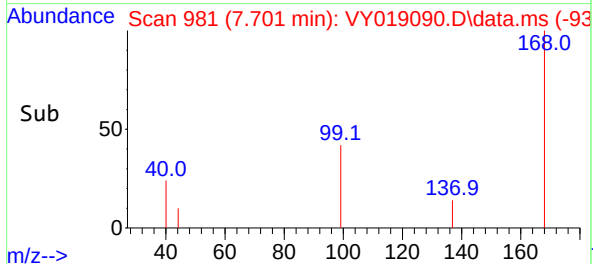


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

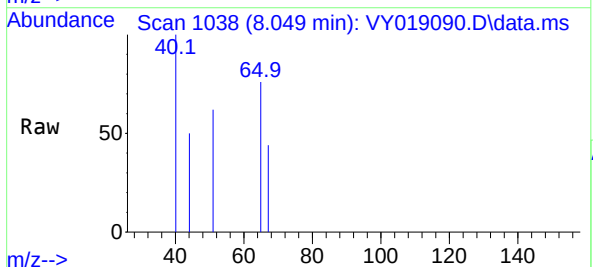
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424



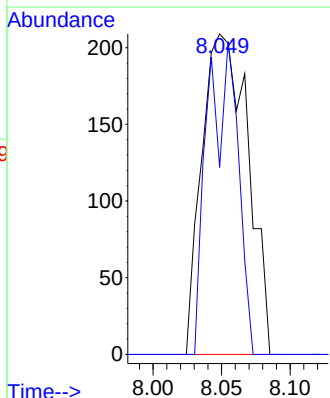
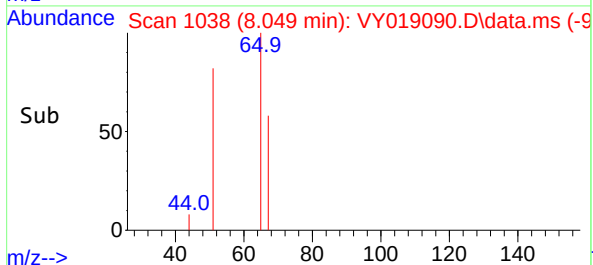
Tgt Ion:168 Resp: 1004
Ion Ratio Lower Upper
168 100
99 42.0 39.1 58.7

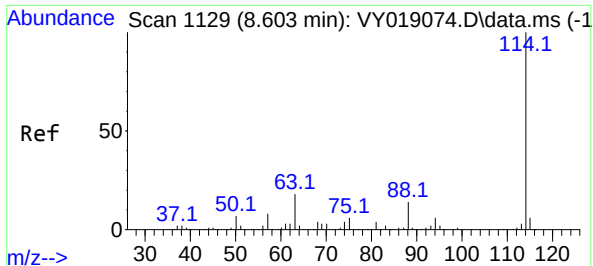


#33
1,2-Dichloroethane-d4
Concen: 48.488 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47



Tgt Ion: 65 Resp: 488
Ion Ratio Lower Upper
65 100
67 64.5 0.0 109.6



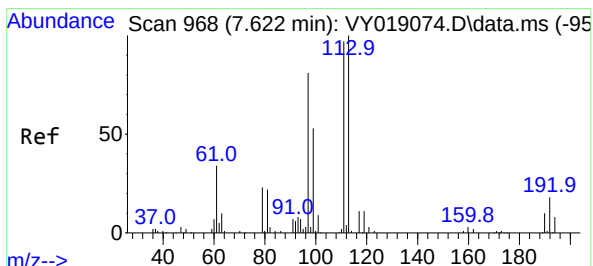
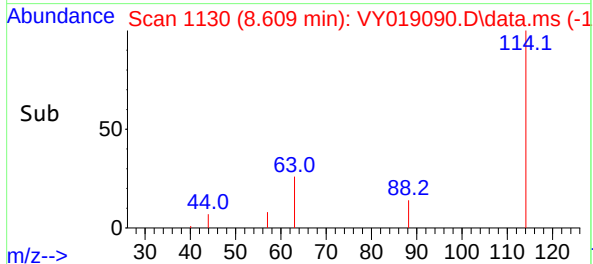
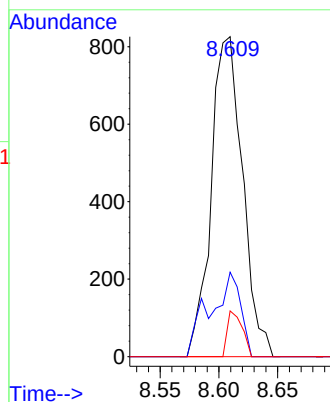
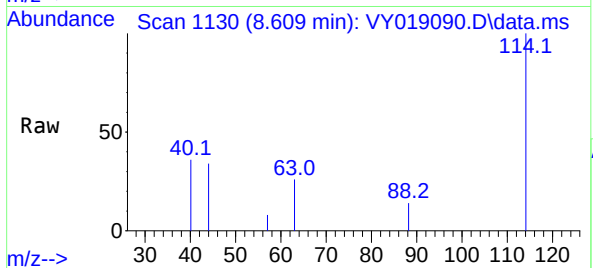


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

Tgt Ion:114 Resp: 1535

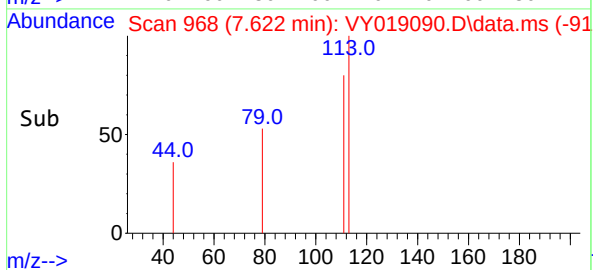
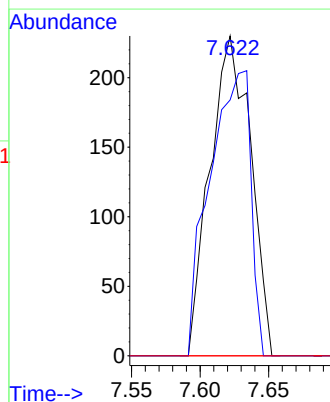
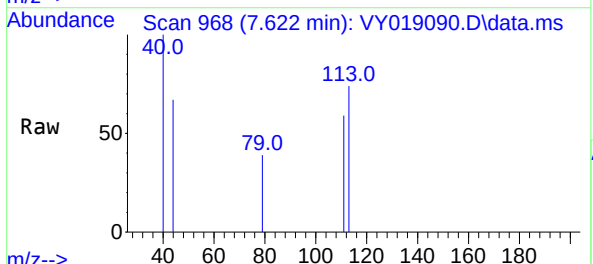
Ion	Ratio	Lower	Upper
114	100		
63	26.4	0.0	35.0
88	14.3	0.0	27.2

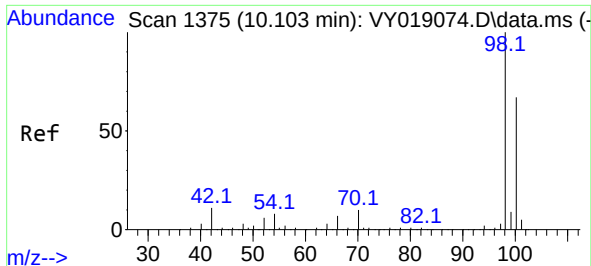


#35
Dibromofluoromethane
Concen: 47.226 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

Tgt Ion:113 Resp: 474

Ion	Ratio	Lower	Upper
113	100		
111	90.1	82.2	123.4
192	0.0	15.9	23.9

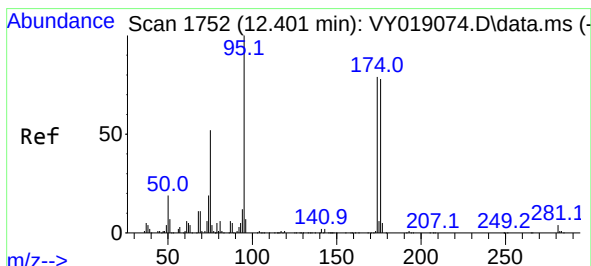
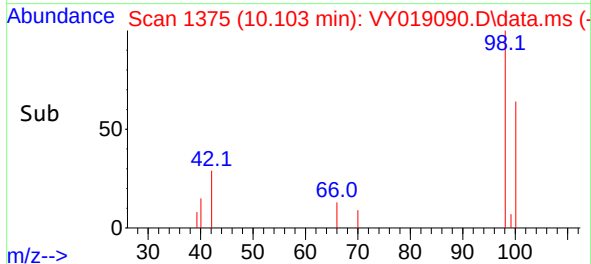
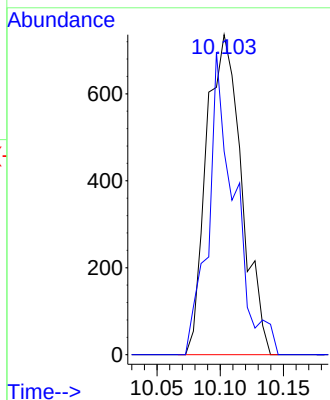
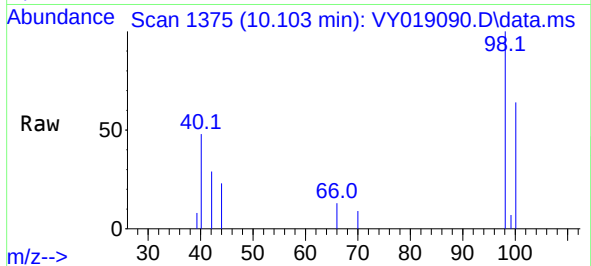




#50
Toluene-d8
Concen: 39.287 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

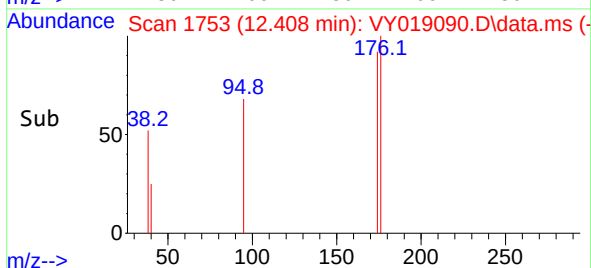
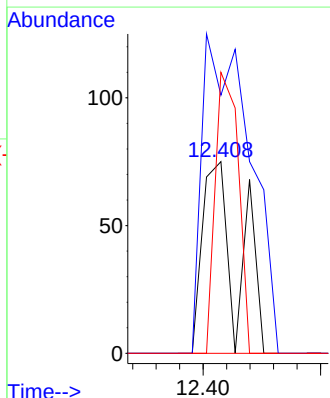
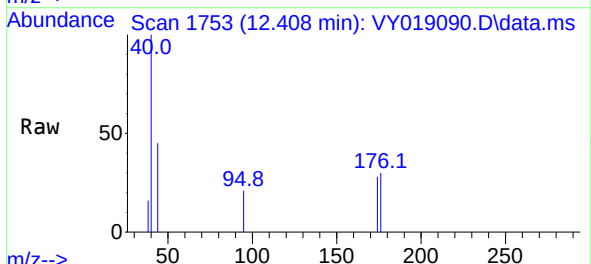
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

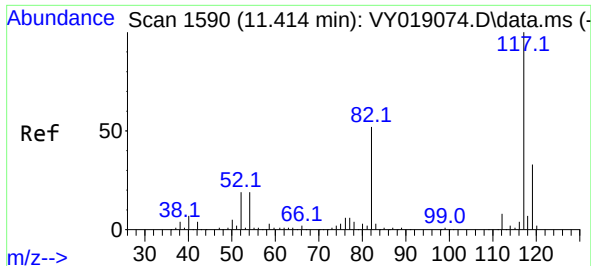
Tgt Ion: 98 Resp: 1419
Ion Ratio Lower Upper
98 100
100 71.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 6.335 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

Tgt Ion: 95 Resp: 78
Ion Ratio Lower Upper
95 100
174 226.9 0.0 175.6#
176 96.2 0.0 171.4

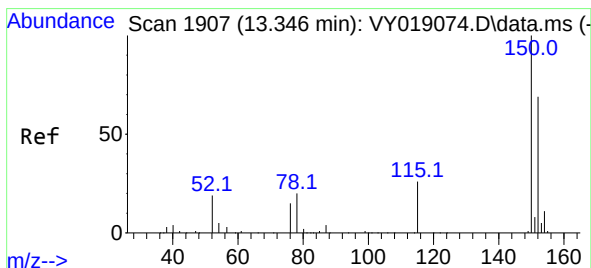
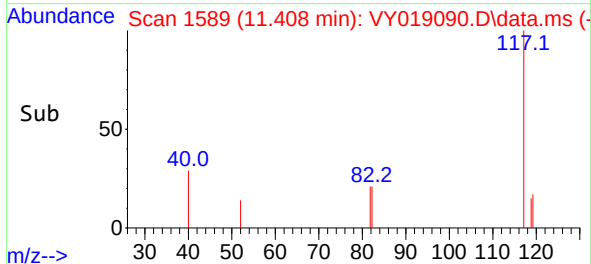
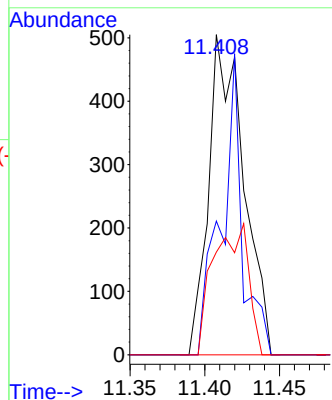
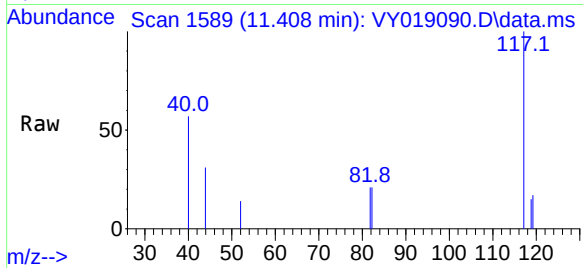




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.408 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-081424

Tgt Ion:117	Resp:	823
Ion	Ratio	Lower Upper
117	100	
82	41.8	42.4 63.6#
119	32.1	25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019090.D
Acq: 16 Aug 2024 13:47

Tgt Ion:152	Resp:	98
Ion	Ratio	Lower Upper
152	100	
115	64.3	28.2 84.7
150	229.6	0.0 345.6

