

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012969.D
 Acq On : 16 Mar 2023 14:29
 Operator : KP/MD
 Sample : 01932-05
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-81-031423

Quant Time: Mar 17 01:35:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

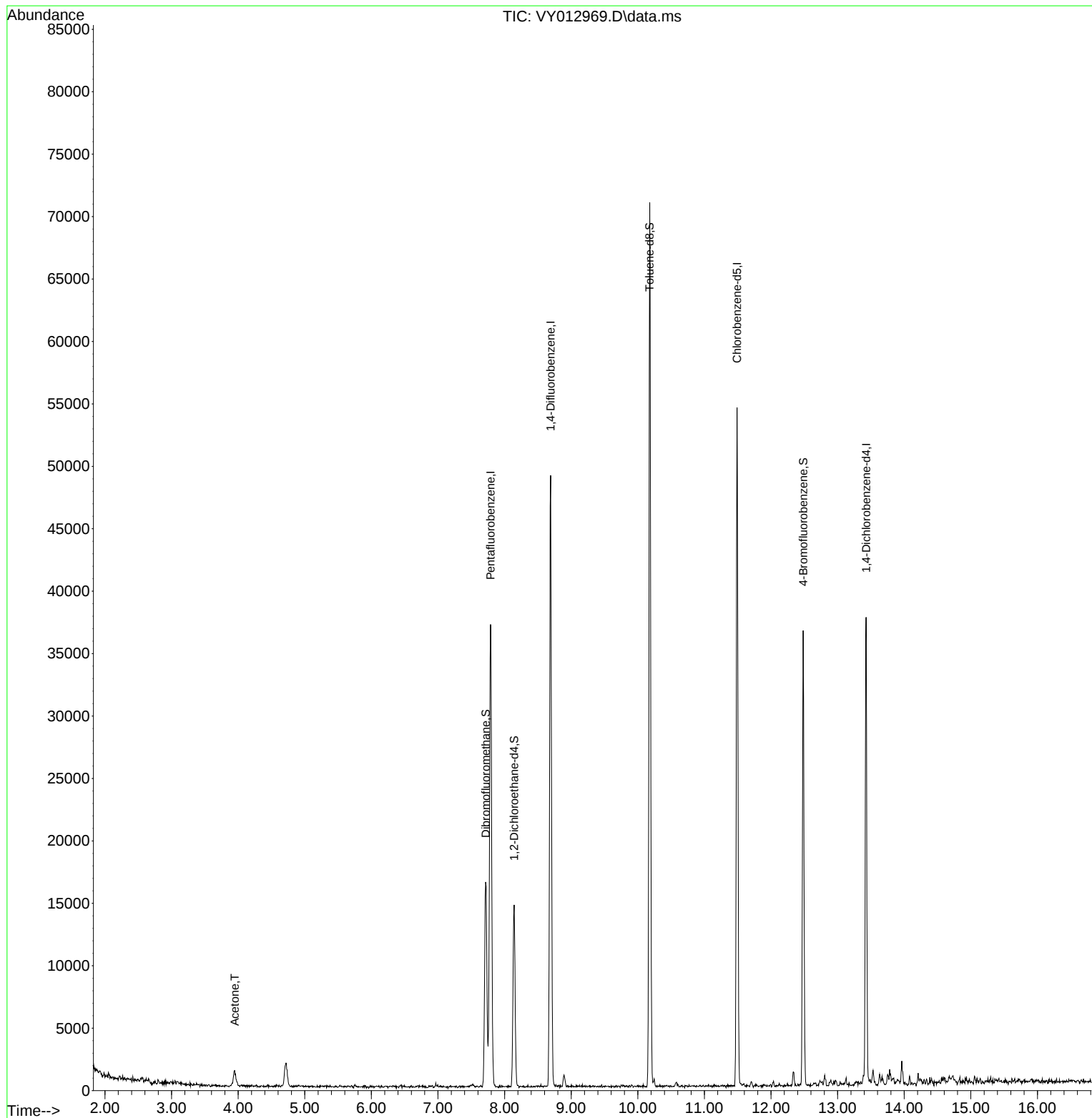
Internal Standards						
1) Pentafluorobenzene	7.789	168	28701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	39348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29388	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	11140	39.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.180%
35) Dibromofluoromethane	7.716	113	12308	51.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.660%
50) Toluene-d8	10.179	98	45830	52.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.580%
62) 4-Bromofluorobenzene	12.483	95	9701	33.108	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.220%
Target Compounds						
16) Acetone	3.948	43	2501	22.360	ug/l	Qvalue # 87

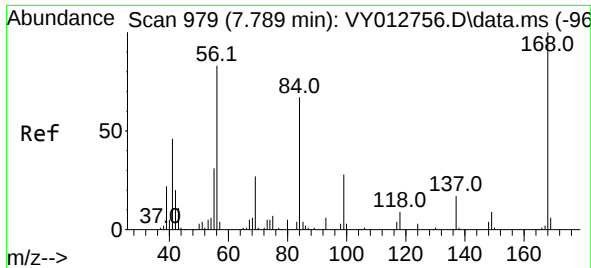
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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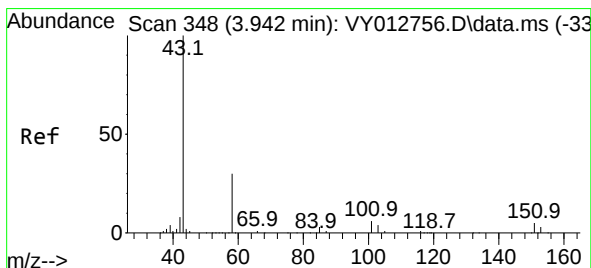
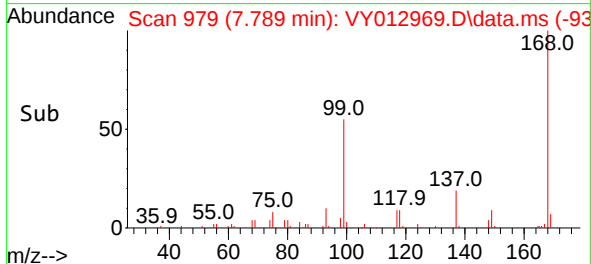
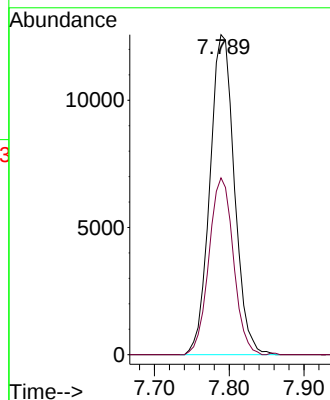
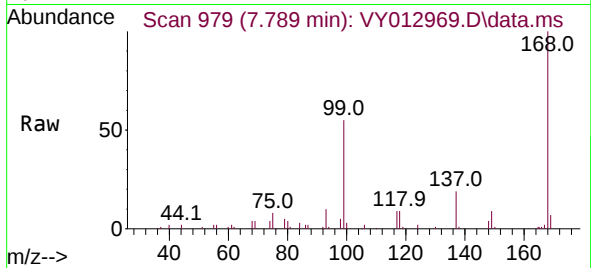




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

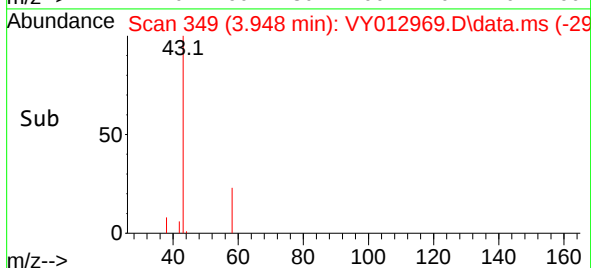
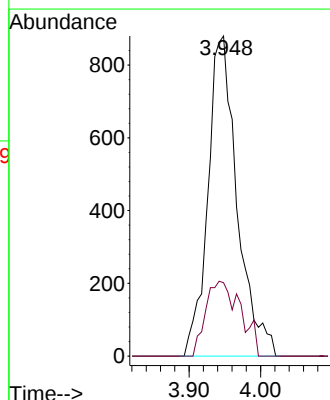
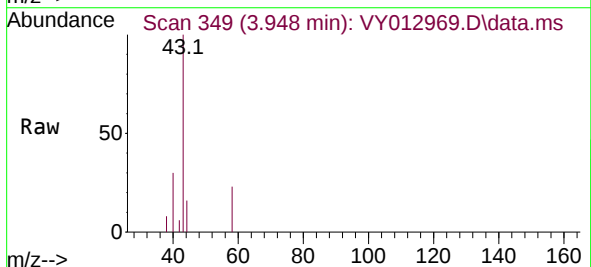
Instrument :
MSVOA_Y
ClientSampleId :
CE-81-031423

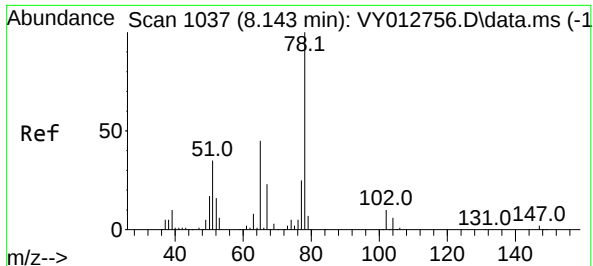
Tgt Ion:168 Resp: 28701
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#16
Acetone
Concen: 22.360 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

Tgt Ion: 43 Resp: 2501
Ion Ratio Lower Upper
43 100
58 23.0 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 39.093 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012969.D

Acq: 16 Mar 2023 14:29

Instrument :

MSVOA_Y

ClientSampleId :

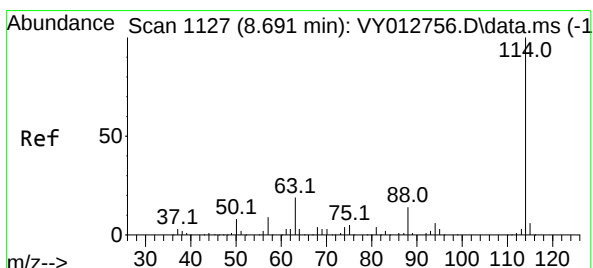
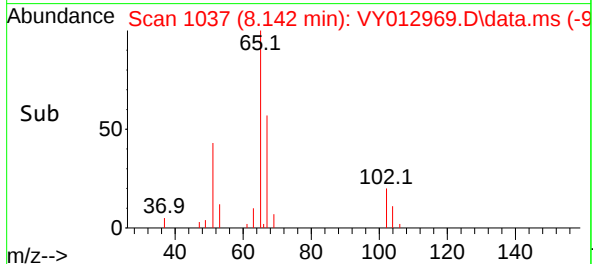
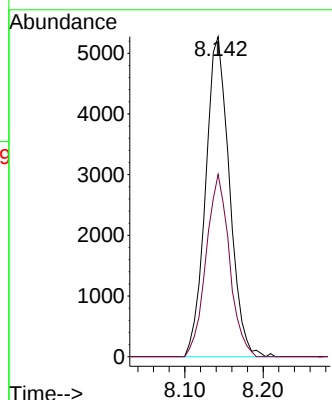
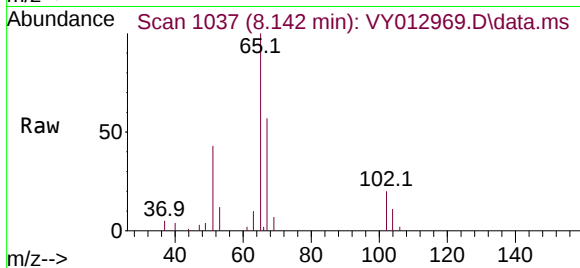
CE-81-031423

Tgt Ion: 65 Resp: 11140

Ion Ratio Lower Upper

65 100

67 55.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012969.D

Acq: 16 Mar 2023 14:29

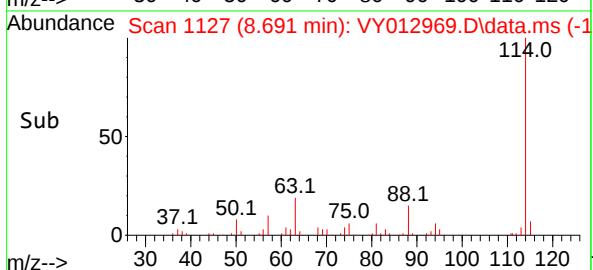
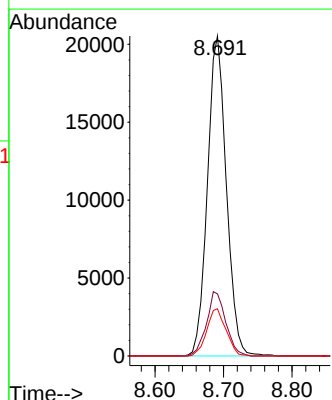
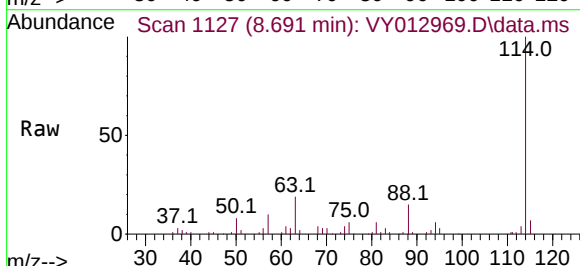
Tgt Ion: 114 Resp: 39348

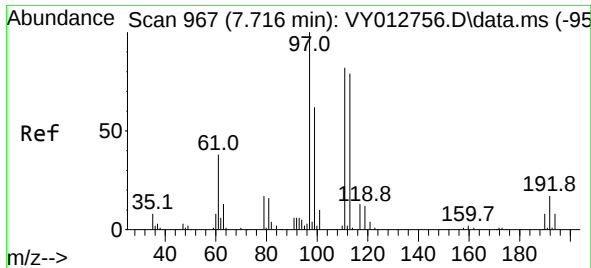
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.8 0.0 28.6

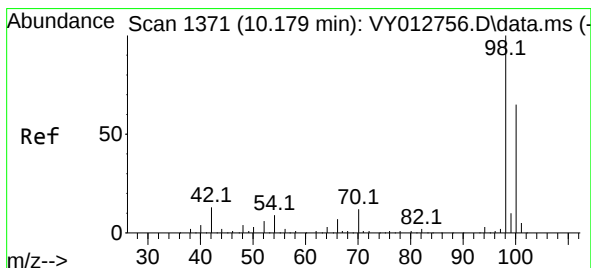
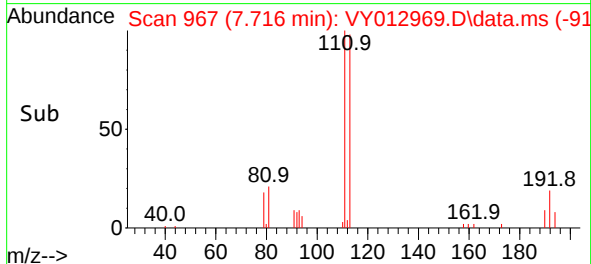
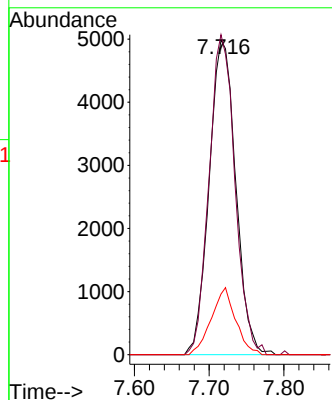
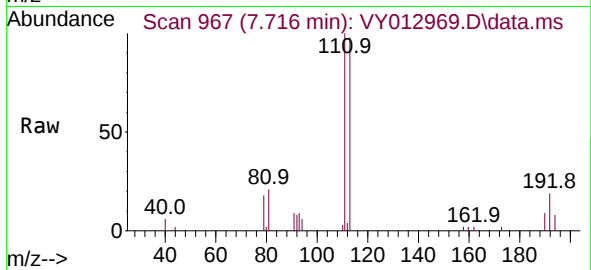




#35
Dibromofluoromethane
Concen: 51.831 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

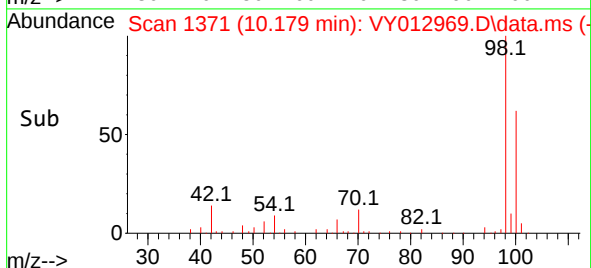
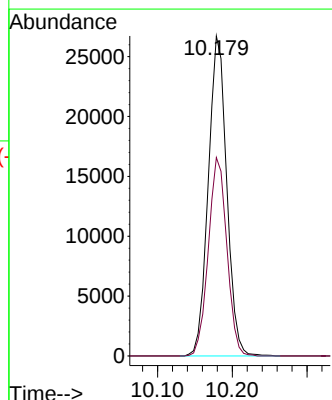
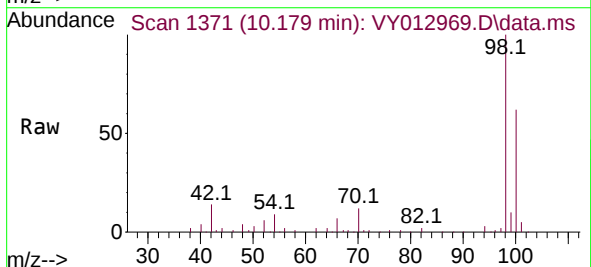
Instrument :
MSVOA_Y
ClientSampleId :
CE-81-031423

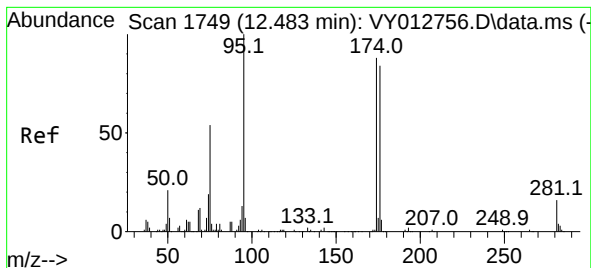
Tgt Ion:113 Resp: 12308
Ion Ratio Lower Upper
113 100
111 98.9 82.2 123.2
192 19.6 16.8 25.2



#50
Toluene-d8
Concen: 52.792 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

Tgt Ion: 98 Resp: 45830
Ion Ratio Lower Upper
98 100
100 62.2 50.9 76.3

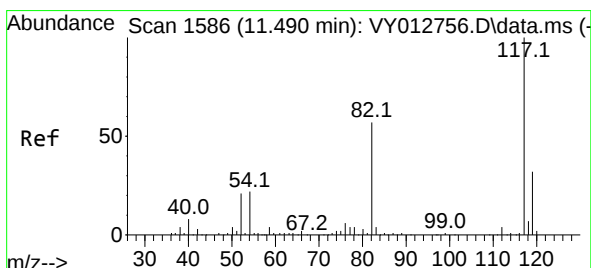
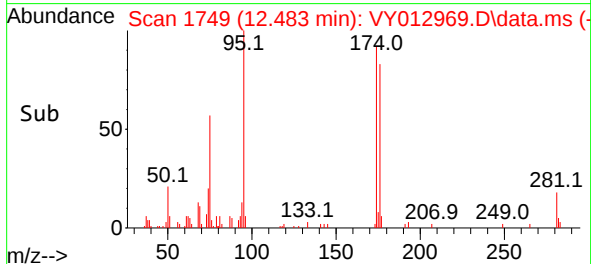
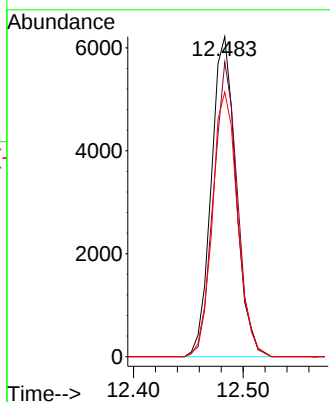
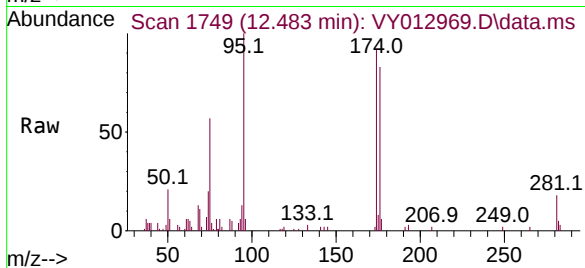




#62
4-Bromofluorobenzene
Concen: 33.108 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

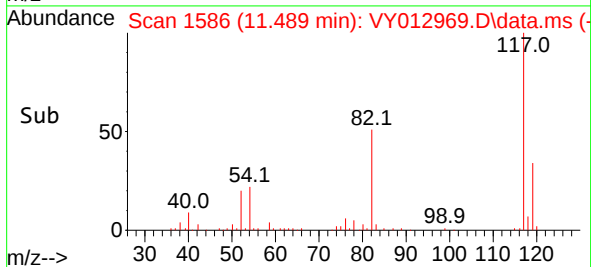
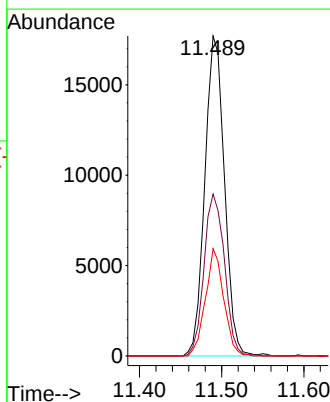
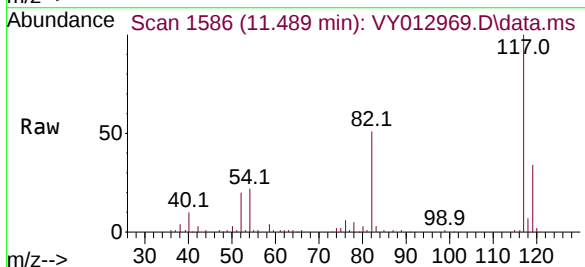
Instrument :
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ClientSampleId :
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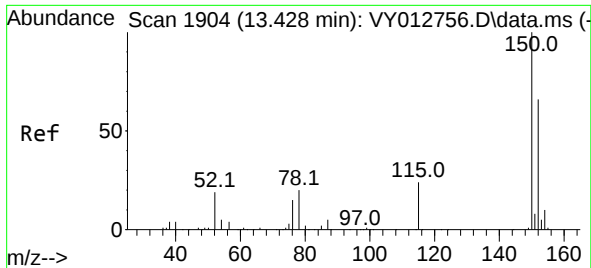
Tgt Ion:	95	Resp:	9701
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	176.6
176	84.3	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012969.D
Acq: 16 Mar 2023 14:29

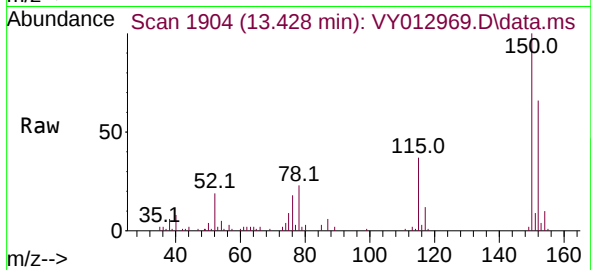
Tgt Ion:	117	Resp:	29388
Ion	Ratio	Lower	Upper
117	100		
82	50.6	45.4	68.0
119	33.6	25.6	38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012969.D
 Acq: 16 Mar 2023 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 CE-81-031423



Tgt Ion:	152	Resp:	9719
Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.1	81.3
150	155.6	0.0	347.8

