

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012548.D
 Acq On : 08 Feb 2023 17:23
 Operator : KP/MD
 Sample : 01481-01
 Misc : 7.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-39-020723

Quant Time: Feb 09 07:15:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

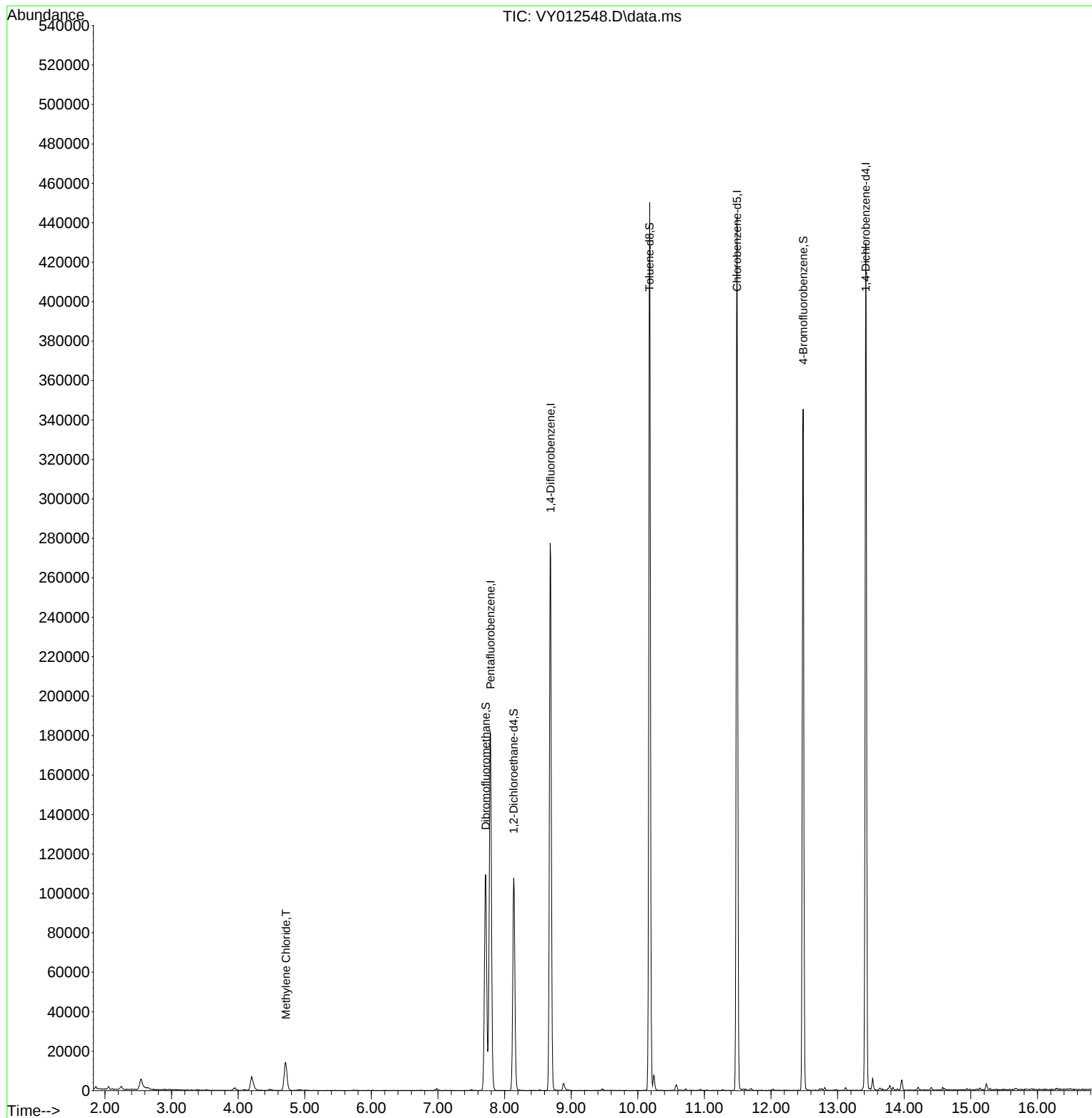
Internal Standards						
1) Pentafluorobenzene	7.789	168	149687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	245463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90121	47.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.700%
35) Dibromofluoromethane	7.716	113	74670	40.888	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.780%
50) Toluene-d8	10.179	98	298291	39.242	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.480%
62) 4-Bromofluorobenzene	12.483	95	99923	37.688	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	11879	2.975	ug/l	94

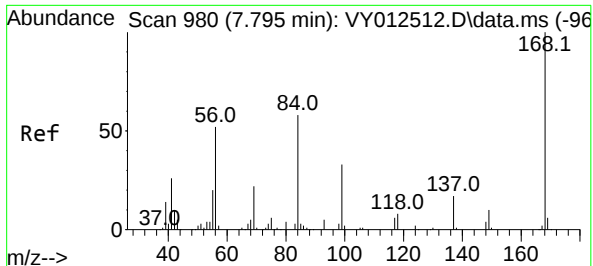
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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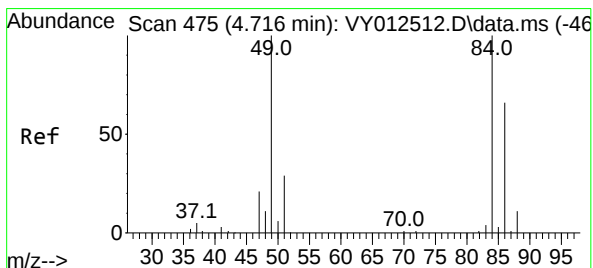
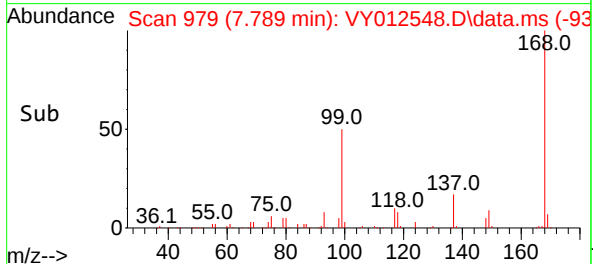
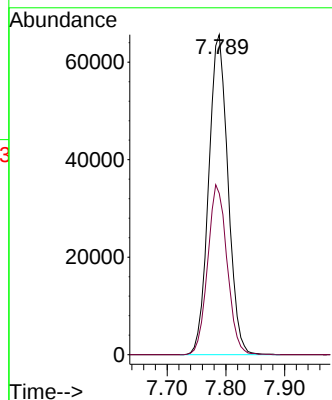
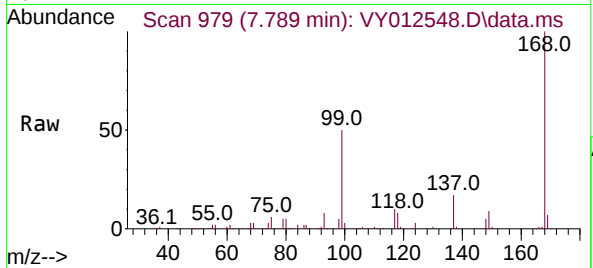




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

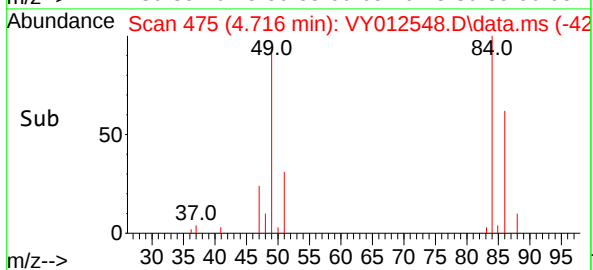
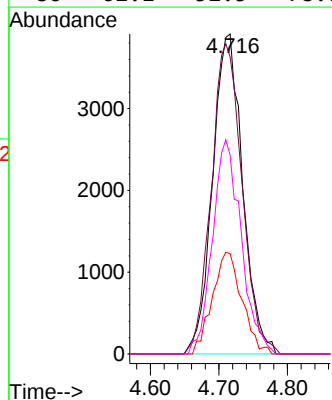
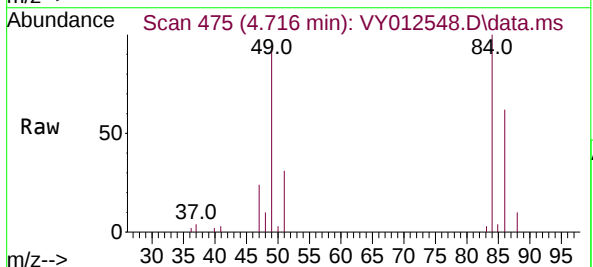
Instrument :
MSVOA_Y
ClientSampleId :
JPP-39-020723

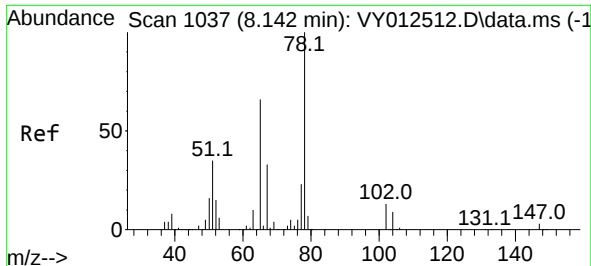
Tgt Ion:168 Resp: 149687
Ion Ratio Lower Upper
168 100
99 50.4 40.8 61.2



#20
Methylene Chloride
Concen: 2.975 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion: 84 Resp: 11879
Ion Ratio Lower Upper
84 100
49 92.8 79.8 119.6
51 31.3 23.4 35.2
86 62.1 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 47.346 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY012548.D

Acq: 08 Feb 2023 17:23

Instrument :

MSVOA_Y

ClientSampleId :

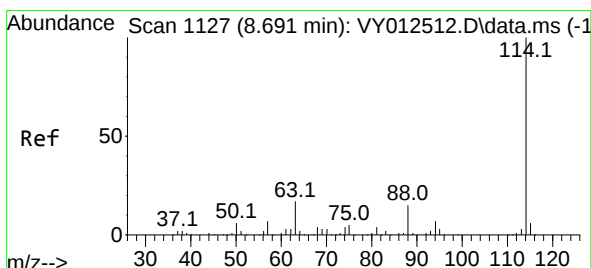
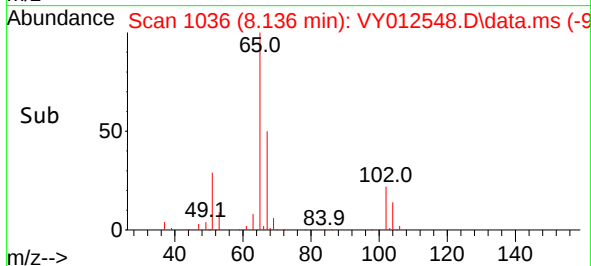
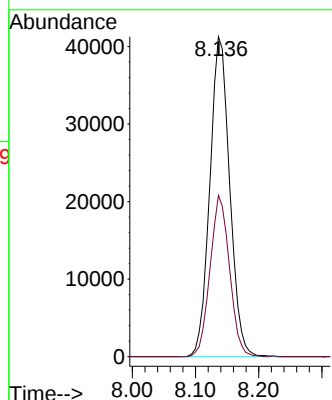
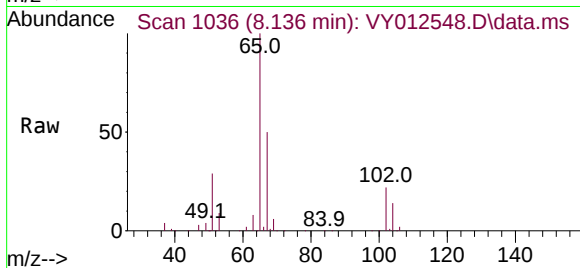
JPP-39-020723

Tgt Ion: 65 Resp: 90121

Ion Ratio Lower Upper

65 100

67 49.3 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012548.D

Acq: 08 Feb 2023 17:23

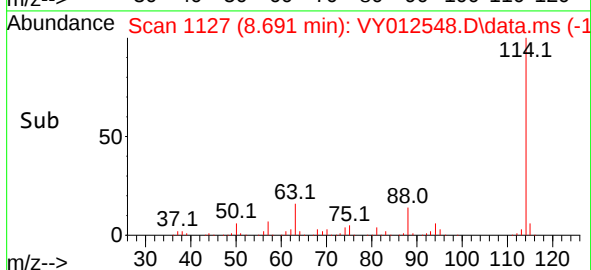
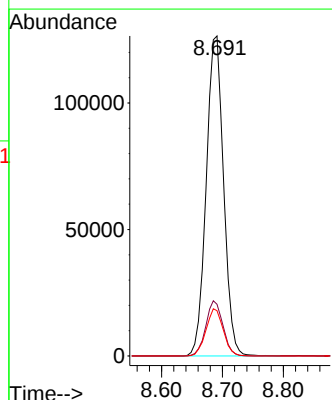
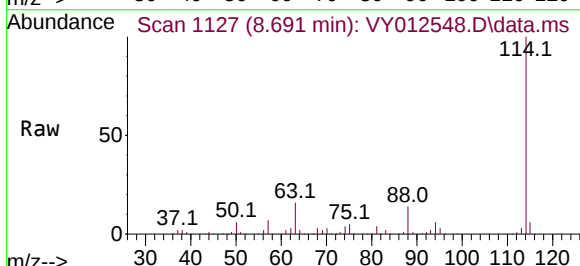
Tgt Ion: 114 Resp: 250765

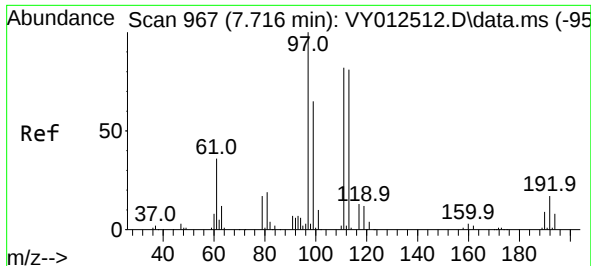
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.6

88 14.2 0.0 29.8

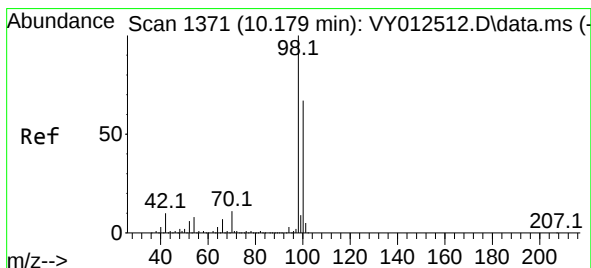
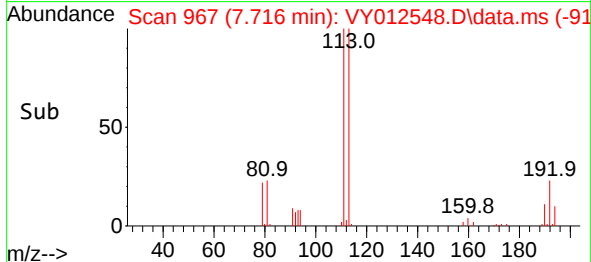
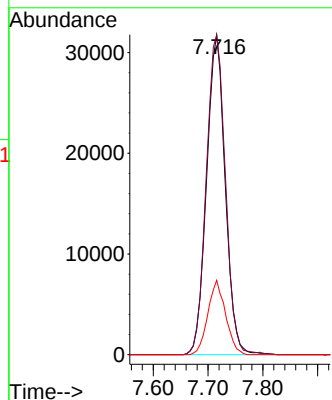
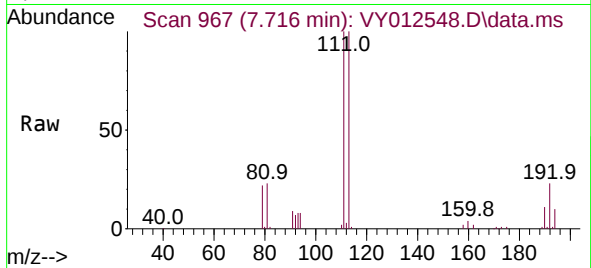




#35
Dibromofluoromethane
Concen: 40.888 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

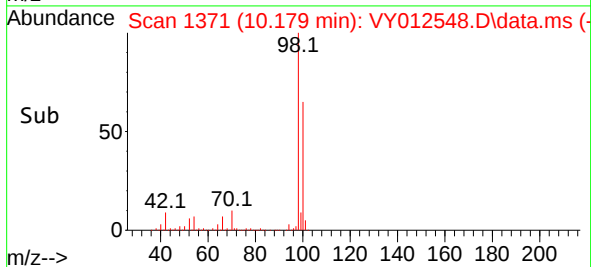
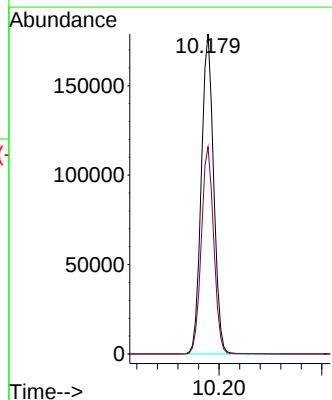
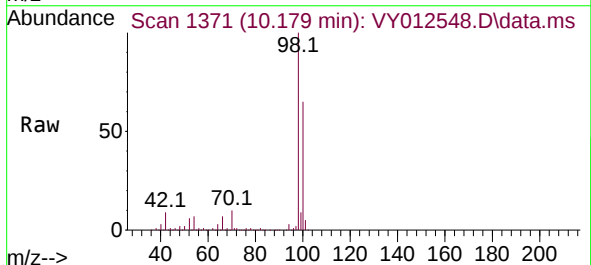
Instrument :
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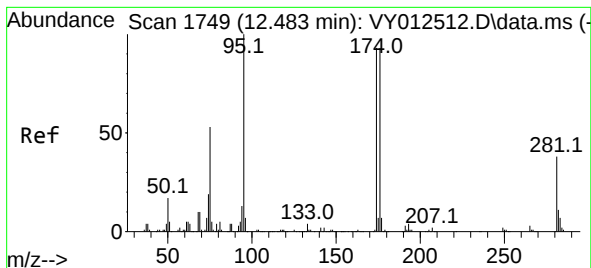
Tgt Ion:113 Resp: 74670
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 22.2 17.5 26.3



#50
Toluene-d8
Concen: 39.242 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

Tgt Ion: 98 Resp: 298291
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

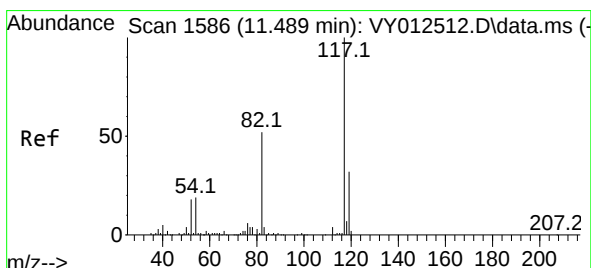
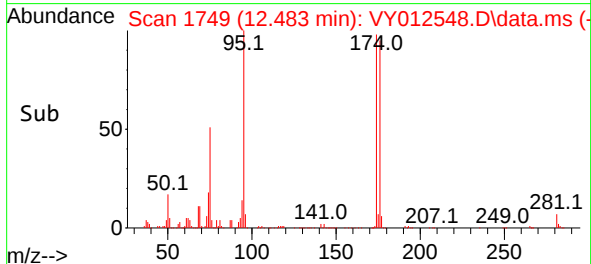
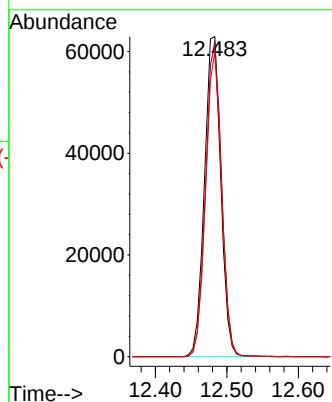
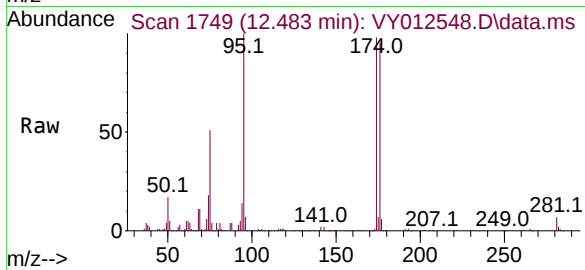




#62
4-Bromofluorobenzene
Concen: 37.688 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

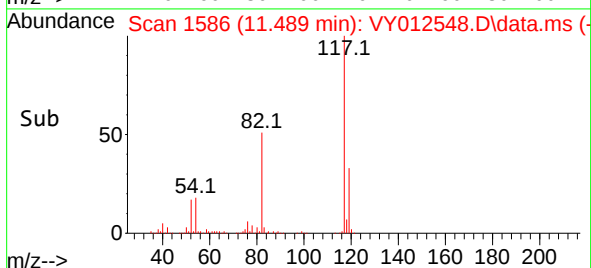
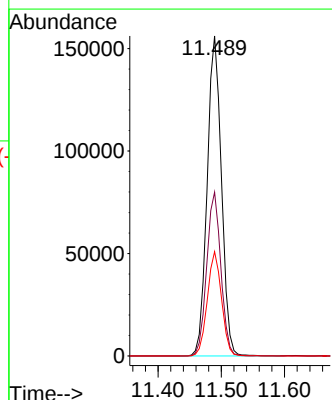
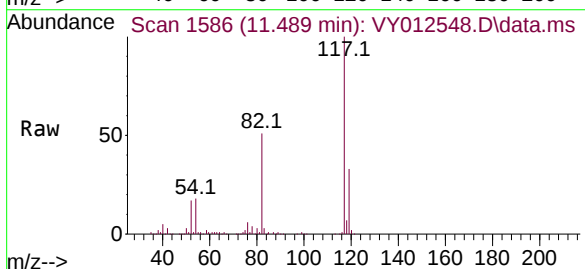
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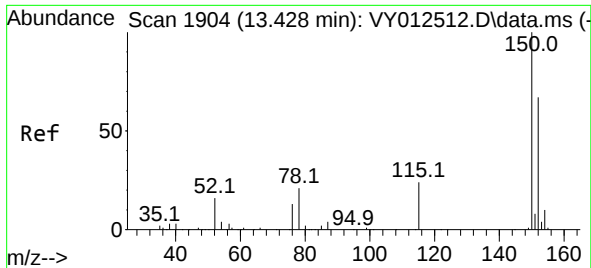
Tgt Ion:	95	Resp:	99923
Ion	Ratio	Lower	Upper
95	100		
174	96.6	0.0	188.0
176	92.9	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012548.D
Acq: 08 Feb 2023 17:23

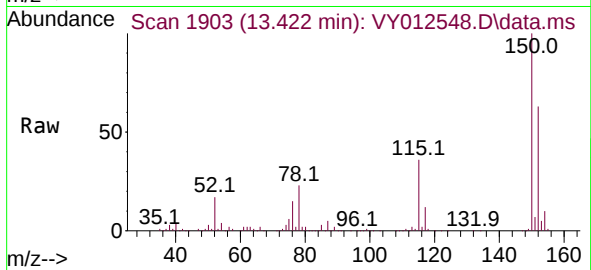
Tgt Ion:	117	Resp:	245463
Ion	Ratio	Lower	Upper
117	100		
82	51.2	41.7	62.5
119	32.6	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY012548.D
 Acq: 08 Feb 2023 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-39-020723



Tgt Ion:152 Resp: 116642
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.1 84.3
 150 158.0 0.0 351.0

