

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013077.D
 Acq On : 24 Mar 2023 14:38
 Operator : KP/MD
 Sample : 02082-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-224

Quant Time: Mar 25 03:33:57 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)

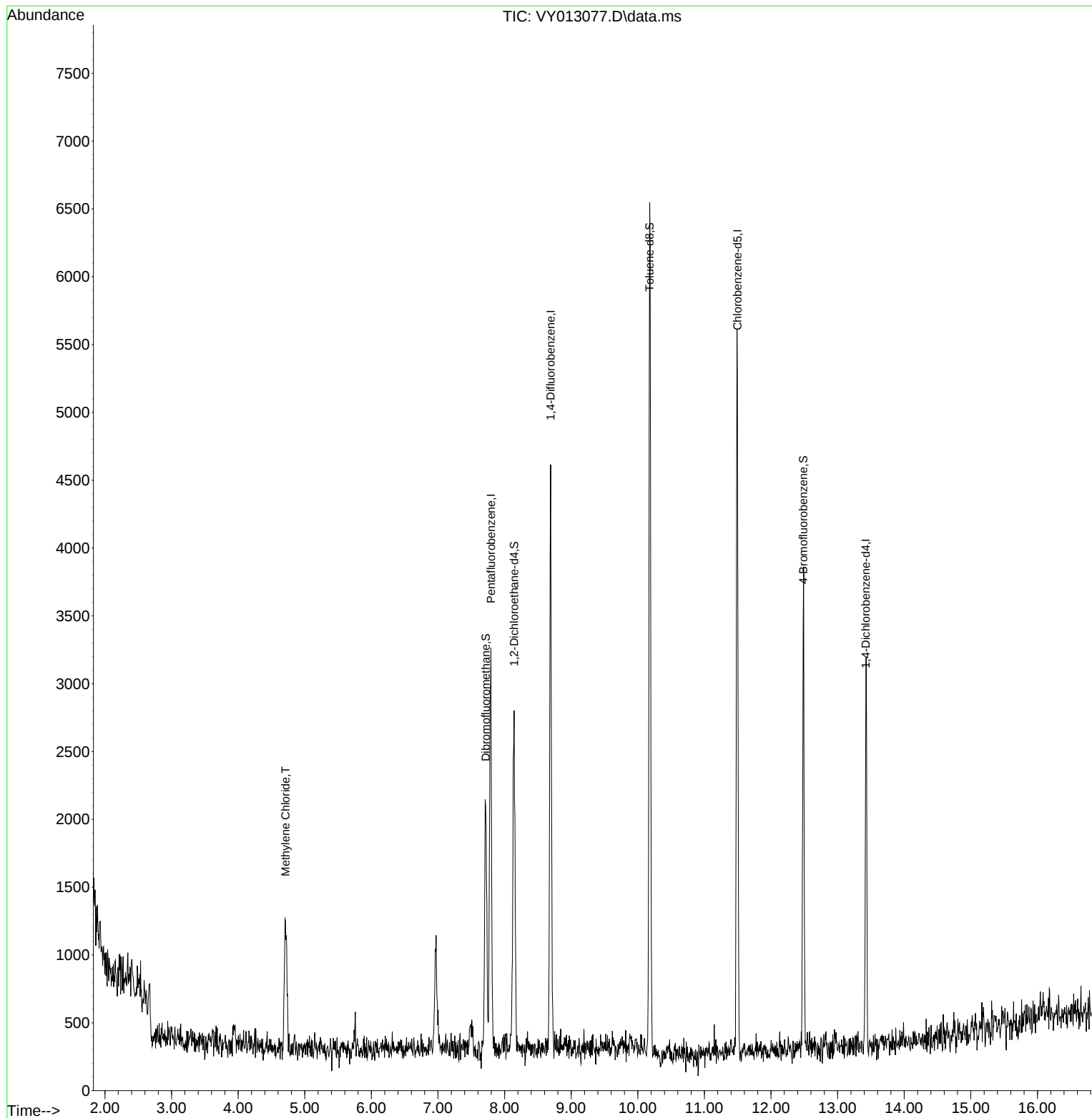
Internal Standards						
1) Pentafluorobenzene	7.795	168	2609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1923	74.236	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 148.480%	
35) Dibromofluoromethane	7.716	113	1441	65.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 130.260%	
50) Toluene-d8	10.179	98	4679	57.850	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.700%	
62) 4-Bromofluorobenzene	12.483	95	1189	43.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.100%	
Target Compounds						
20) Methylene Chloride	4.710	84	744	20.847	ug/l	Qvalue # 79

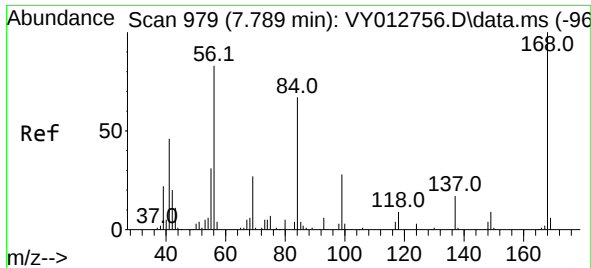
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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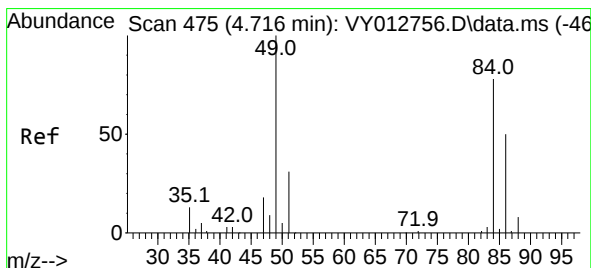
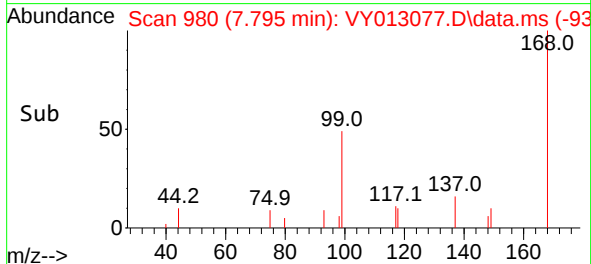
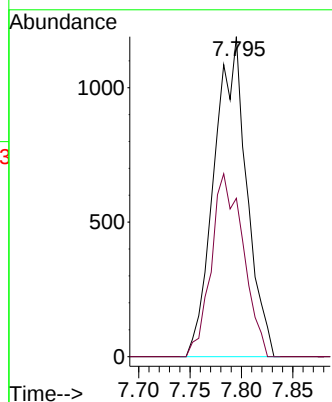
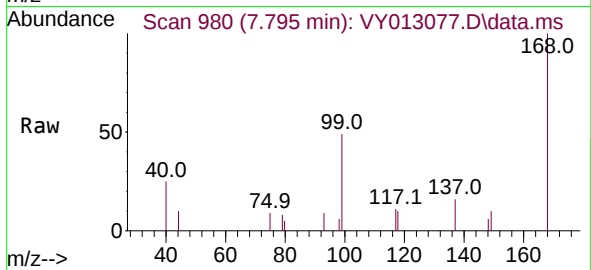




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

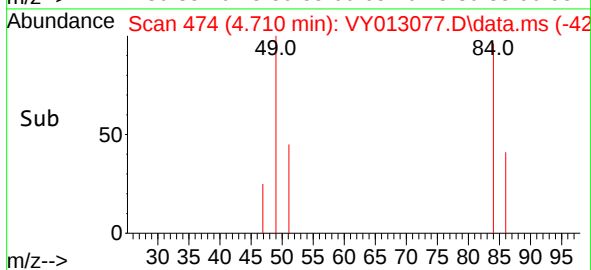
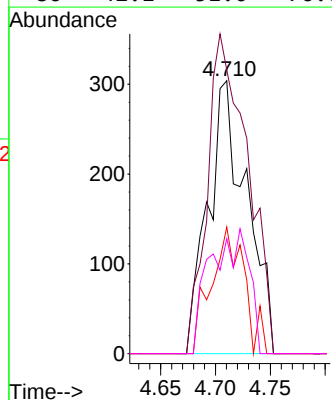
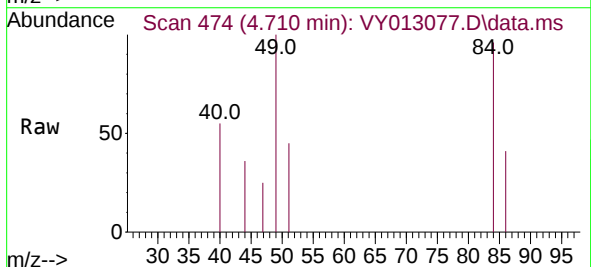
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

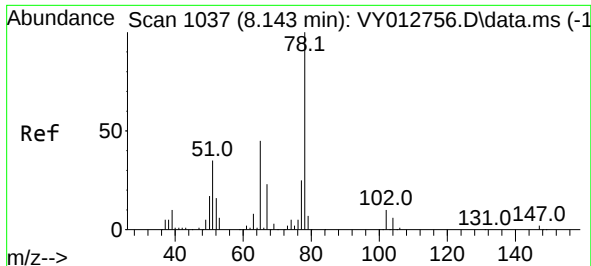
Tgt Ion:168 Resp: 2609
Ion Ratio Lower Upper
168 100
99 49.5 41.7 62.5



#20
Methylene Chloride
Concen: 20.847 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

Tgt Ion: 84 Resp: 744
Ion Ratio Lower Upper
84 100
49 103.9 102.6 154.0
51 46.4 31.9 47.9
86 42.1 51.0 76.6#

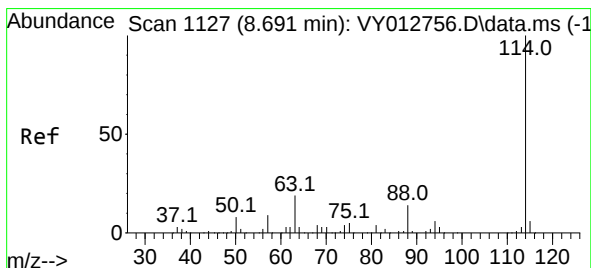
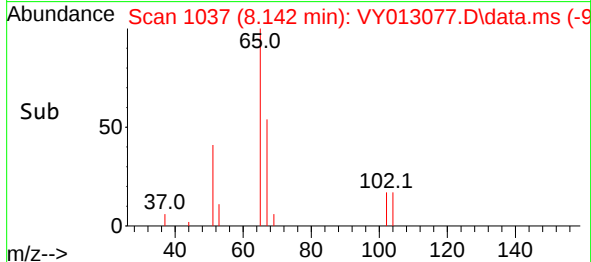
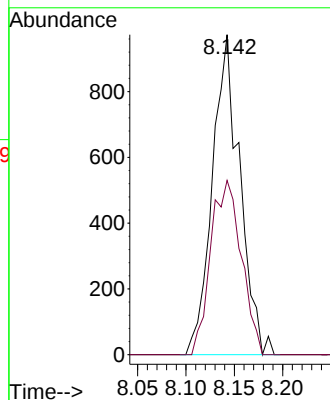
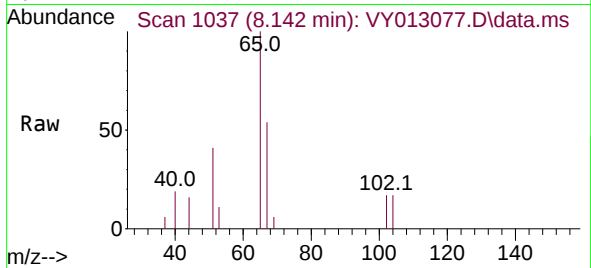




#33
 1,2-Dichloroethane-d4
 Concen: 74.236 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013077.D
 Acq: 24 Mar 2023 14:38

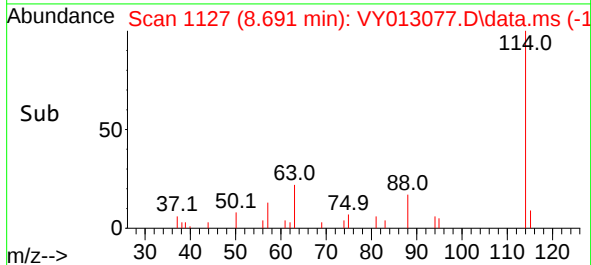
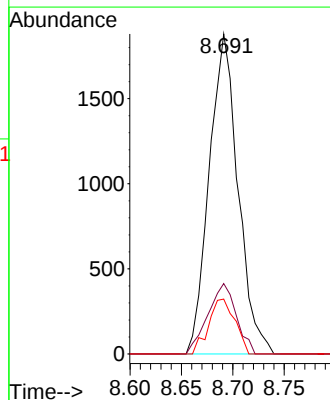
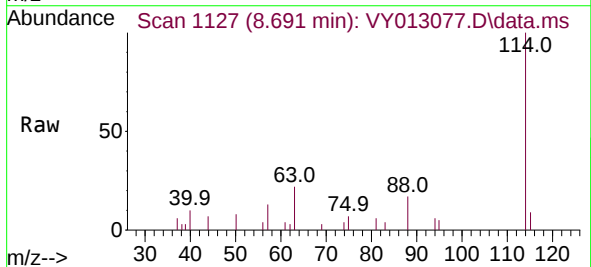
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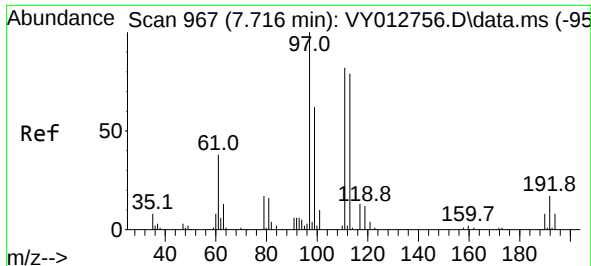
Tgt Ion: 65 Resp: 1923
 Ion Ratio Lower Upper
 65 100
 67 60.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013077.D
 Acq: 24 Mar 2023 14:38

Tgt Ion: 114 Resp: 3666
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 37.4
 88 17.2 0.0 28.6

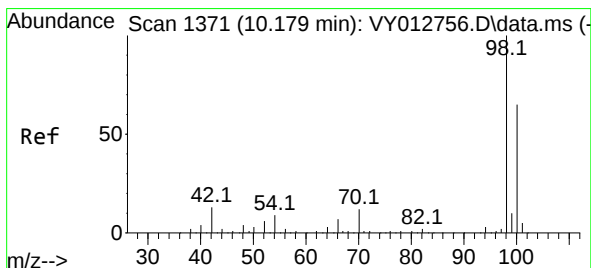
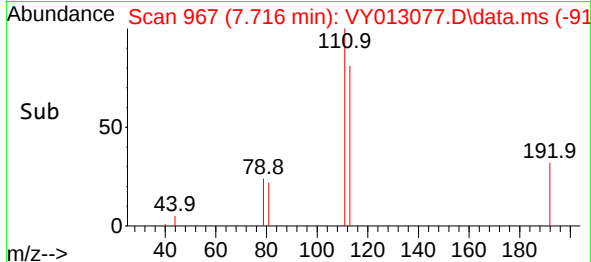
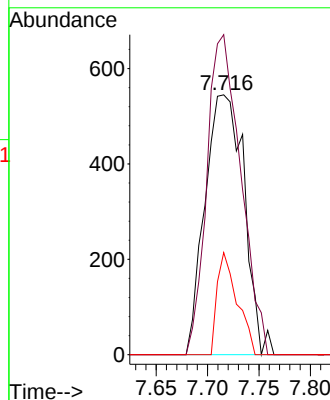
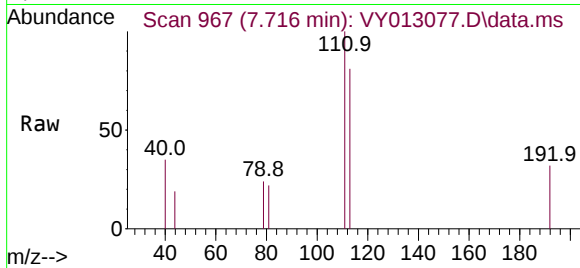




#35
Dibromofluoromethane
Concen: 65.132 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

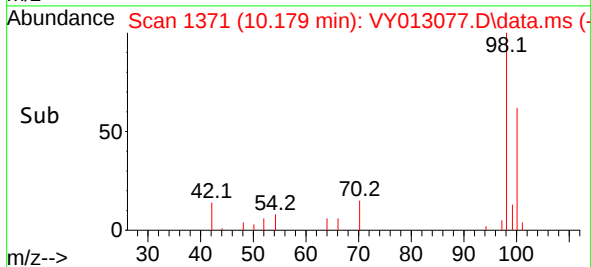
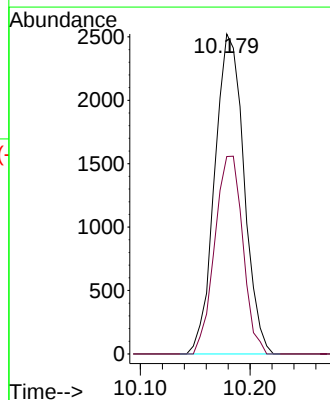
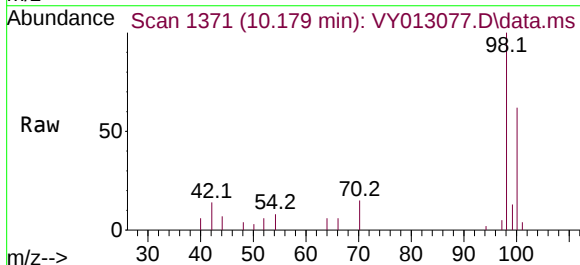
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-224

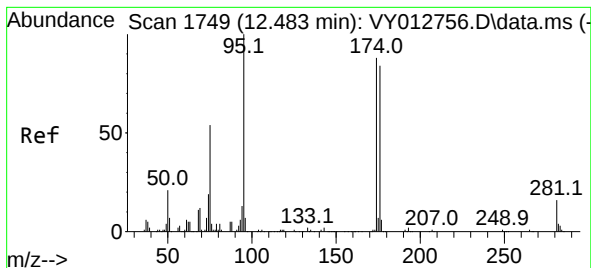
Tgt Ion:113 Resp: 1441
Ion Ratio Lower Upper
113 100
111 106.7 82.2 123.2
192 20.1 16.8 25.2



#50
Toluene-d8
Concen: 57.850 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

Tgt Ion: 98 Resp: 4679
Ion Ratio Lower Upper
98 100
100 59.3 50.9 76.3

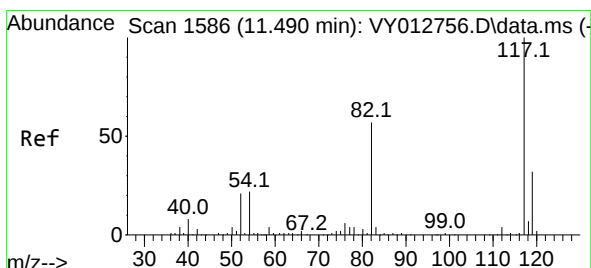
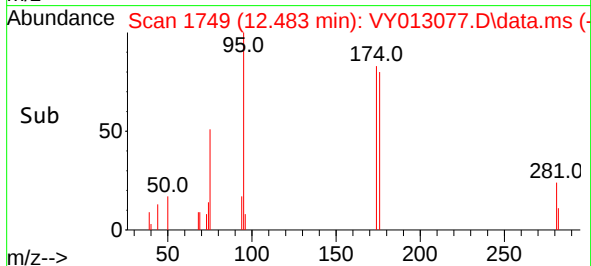
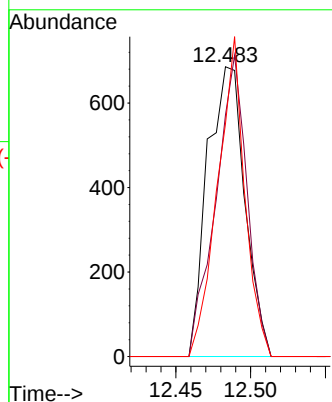
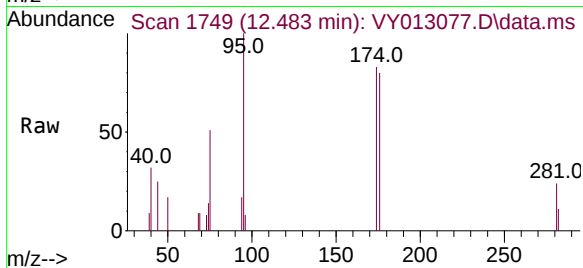




#62
4-Bromofluorobenzene
Concen: 43.554 ug/l
RT: 12.483 min Scan# 1189
Delta R.T. -0.000 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

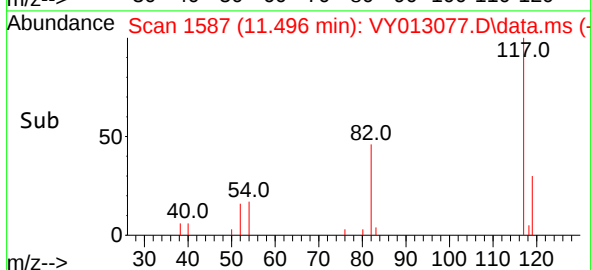
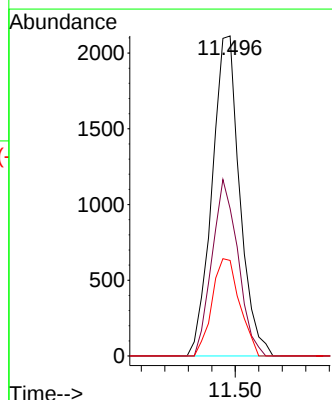
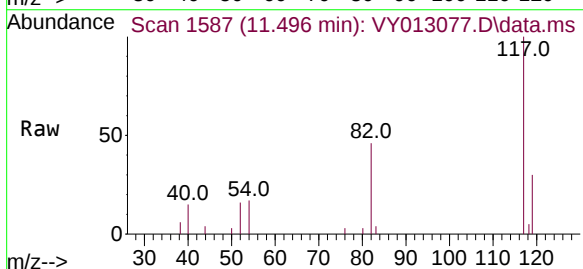
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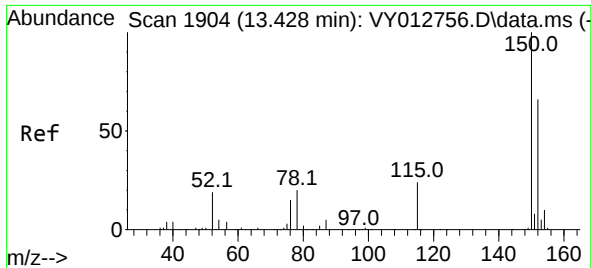
Tgt Ion:	95	Resp:	1189
Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	176.6
176	80.4	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013077.D
Acq: 24 Mar 2023 14:38

Tgt Ion:	117	Resp:	3461
Ion	Ratio	Lower	Upper
117	100		
82	46.0	45.4	68.0
119	29.9	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY013077.D

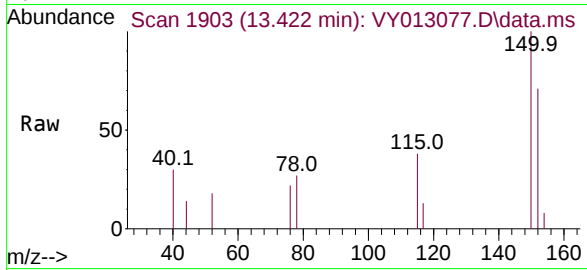
Acq: 24 Mar 2023 14:38

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-224



Tgt Ion:152 Resp: 816

Ion Ratio Lower Upper

152 100

115 62.7 27.1 81.3

150 177.9 0.0 347.8

