

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011560.D
 Acq On : 22 Nov 2022 19:54
 Operator : KP/MD
 Sample : N5754-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124019

Quant Time: Nov 23 04:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

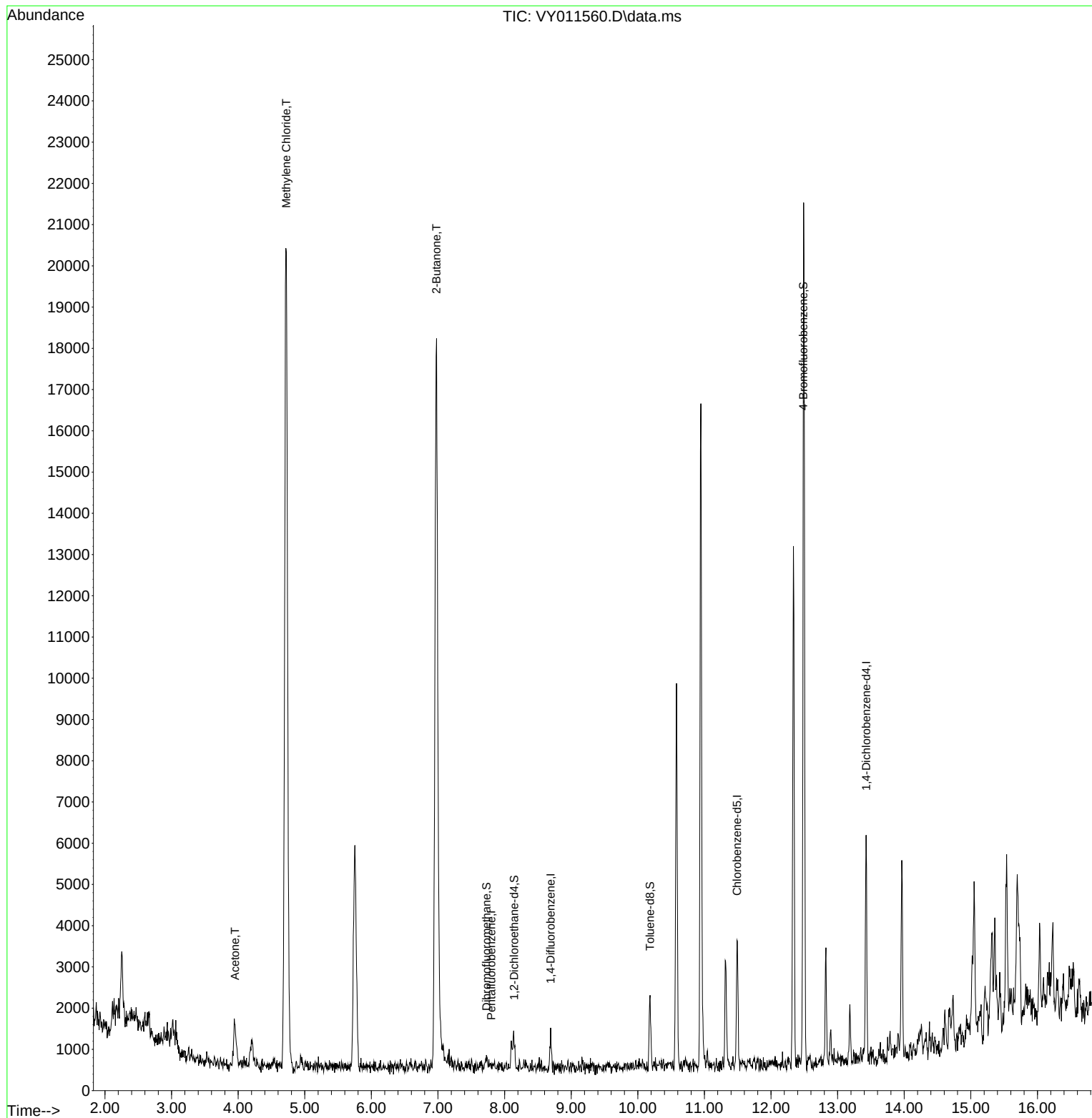
Internal Standards						
1) Pentafluorobenzene	7.801	168	122	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	2073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	420	339.042	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 678.080%#	
35) Dibromofluoromethane	7.728	113	299	54.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.185	98	1474	73.787	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 147.580%#	
62) 4-Bromofluorobenzene	12.483	95	1031	139.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 279.180%#	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2037	5062.388	ug/l	96
20) Methylene Chloride	4.722	84	14497	12263.657	ug/l #	88
25) 2-Butanone	6.978	43	1035	1957.205	ug/l #	54

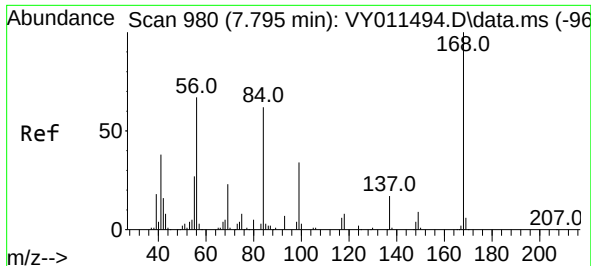
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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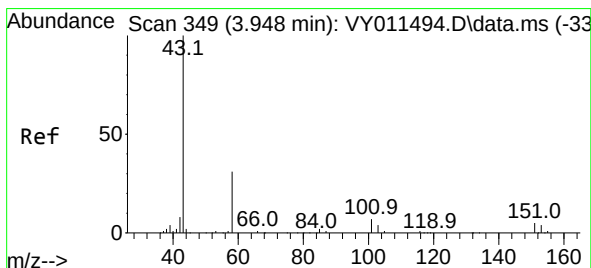
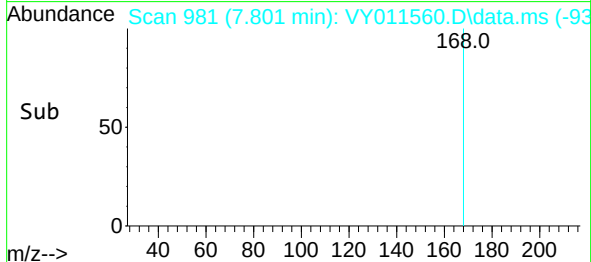
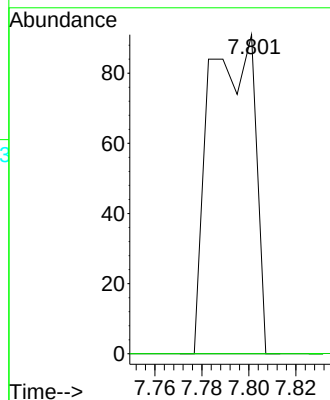
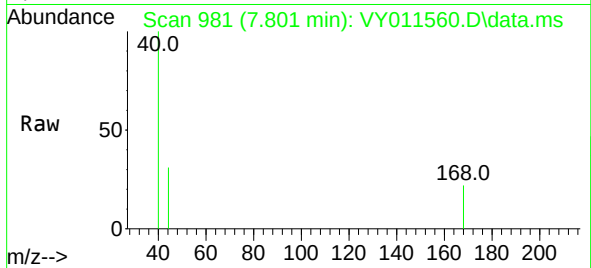




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

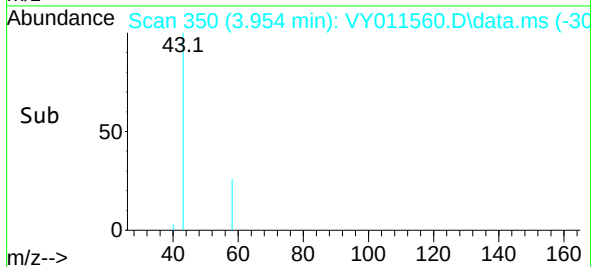
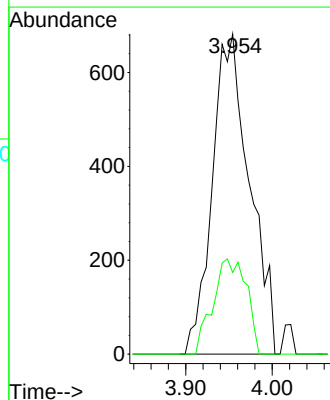
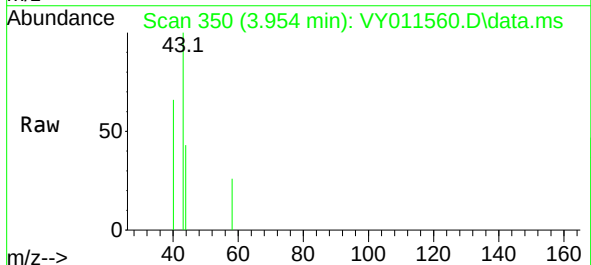
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

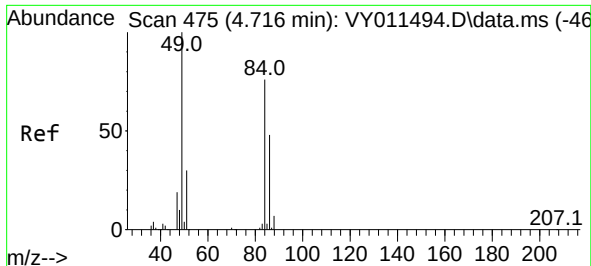
Tgt Ion:168 Resp: 122
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#16
Acetone
Concen: 5062.388 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

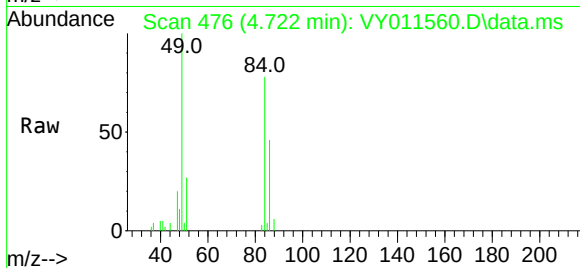
Tgt Ion: 43 Resp: 2037
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0



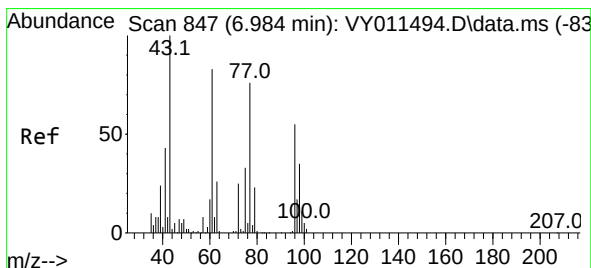
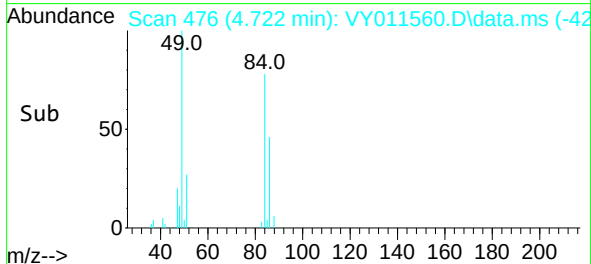
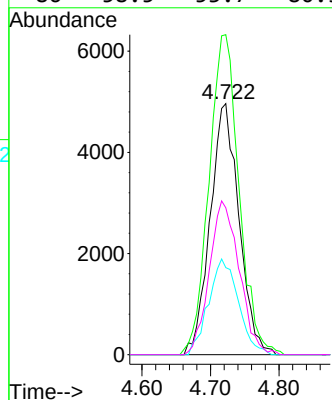


#20
Methylene Chloride
Concen: 12263.657 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

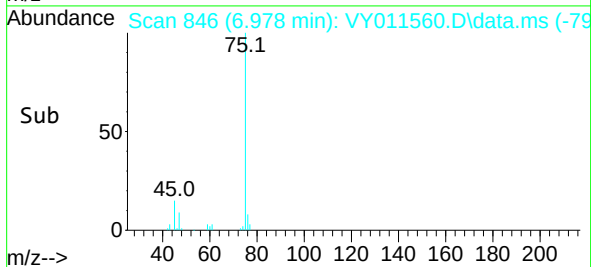
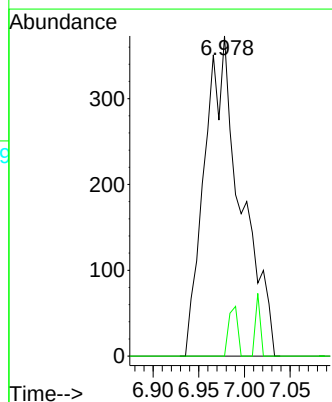
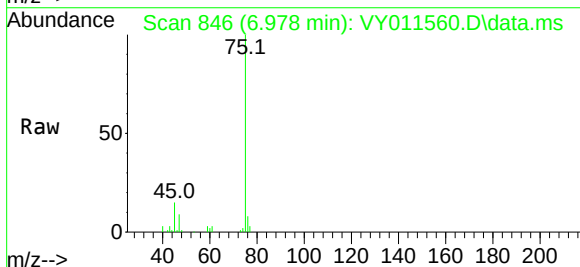


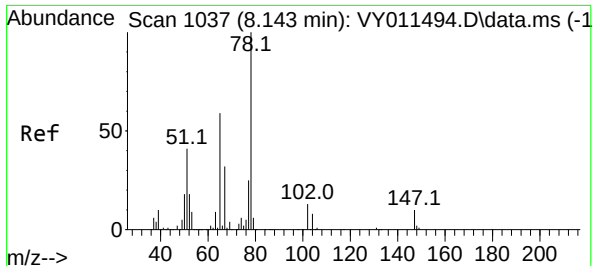
Tgt Ion: 84 Resp: 14497
Ion Ratio Lower Upper
84 100
49 127.4 114.4 171.6
51 34.7 35.3 52.9#
86 58.5 53.7 80.5



#25
2-Butanone
Concen: 1957.205 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 339.042 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY011560.D

Acq: 22 Nov 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

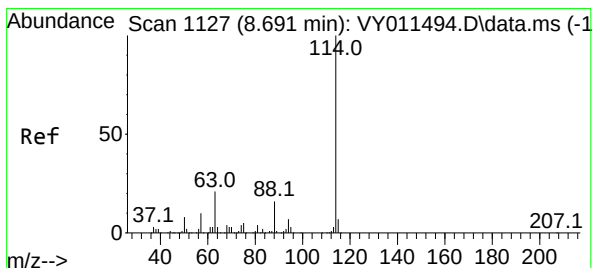
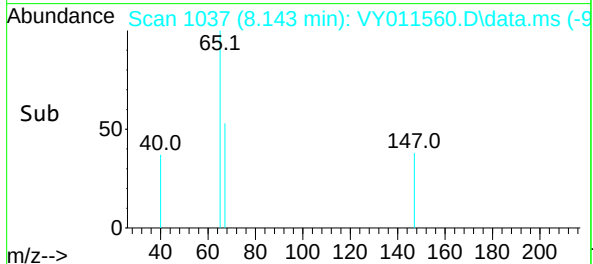
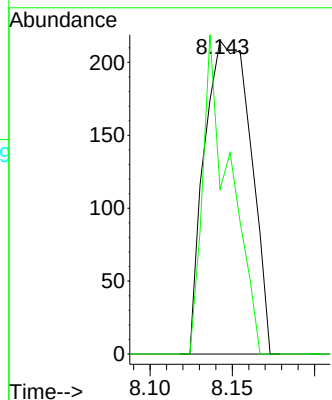
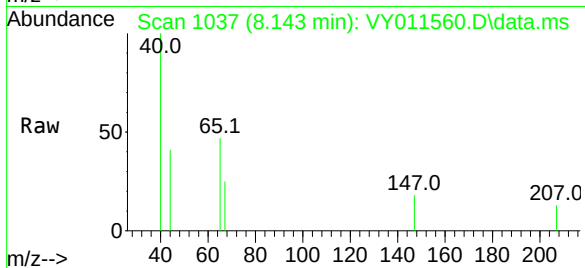
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Tgt Ion: 65 Resp: 420

Ion Ratio Lower Upper

65 100

67 60.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011560.D

Acq: 22 Nov 2022 19:54

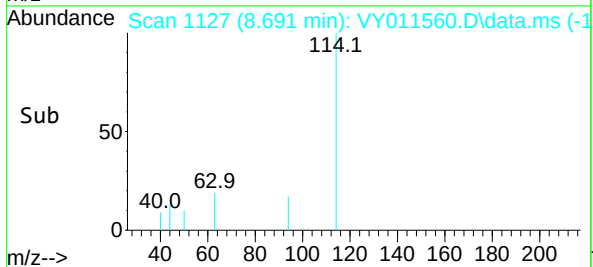
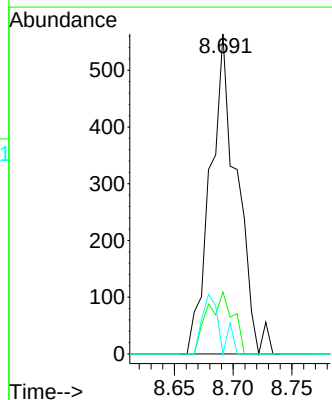
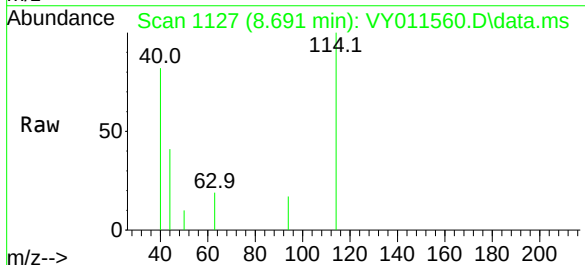
Tgt Ion: 114 Resp: 893

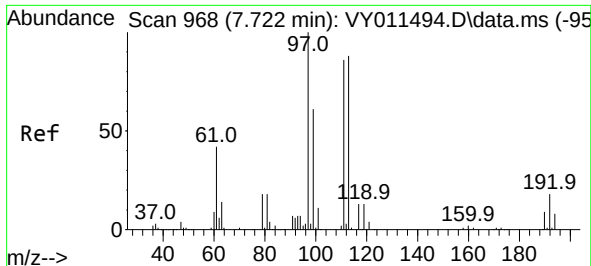
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 0.0 0.0 31.8

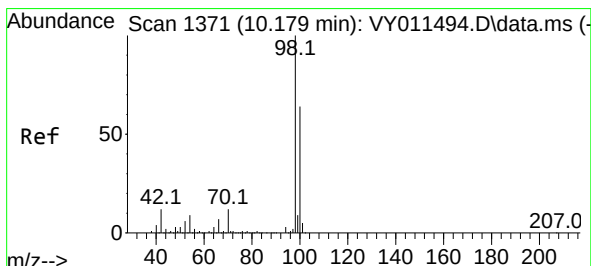
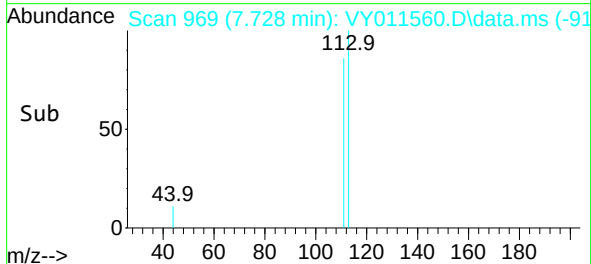
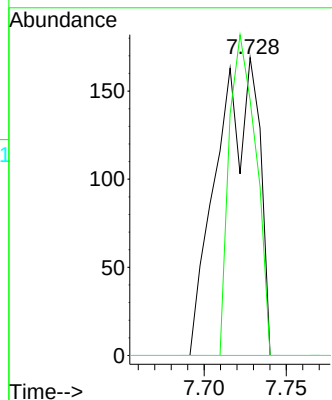
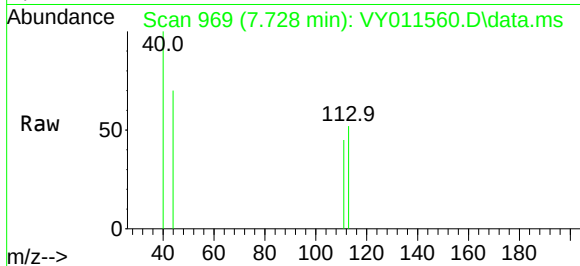




#35
Dibromofluoromethane
Concen: 54.391 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

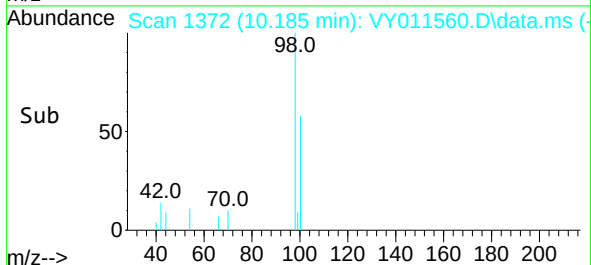
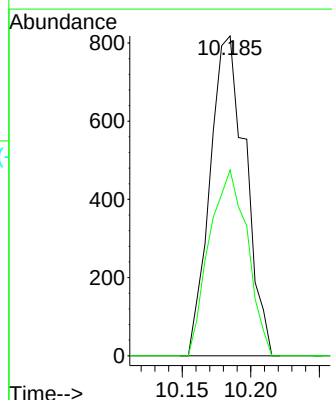
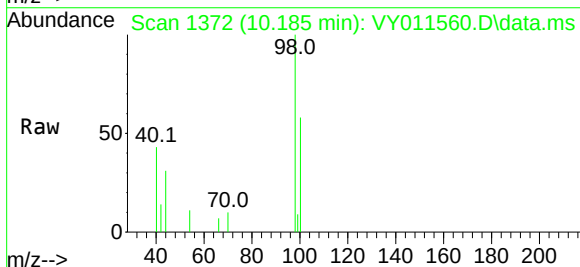
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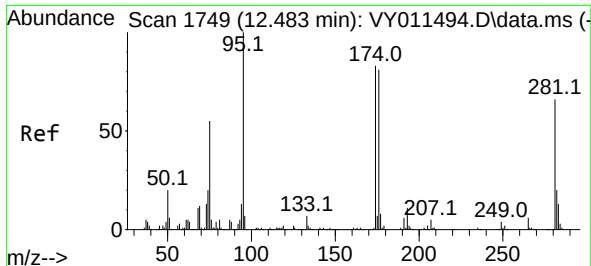
Tgt Ion:113 Resp: 299
Ion Ratio Lower Upper
113 100
111 68.6 82.6 124.0#
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 73.787 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

Tgt Ion: 98 Resp: 1474
Ion Ratio Lower Upper
98 100
100 62.1 50.2 75.2

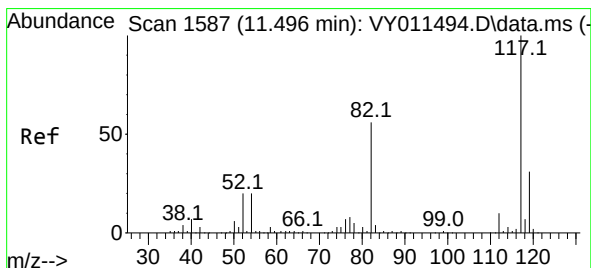
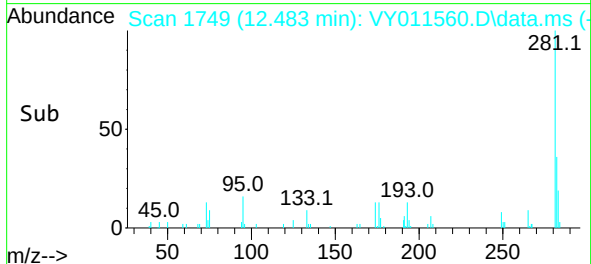
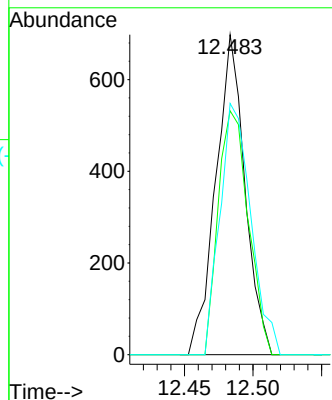
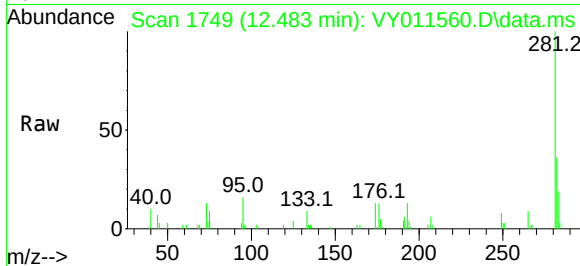




#62
4-Bromofluorobenzene
Concen: 139.590 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

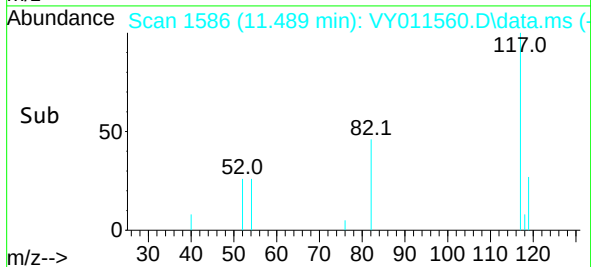
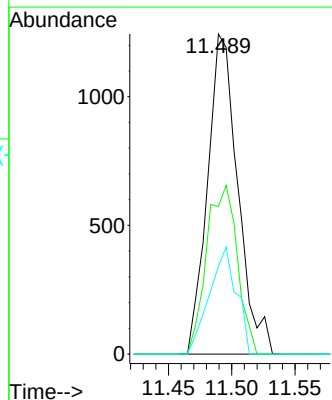
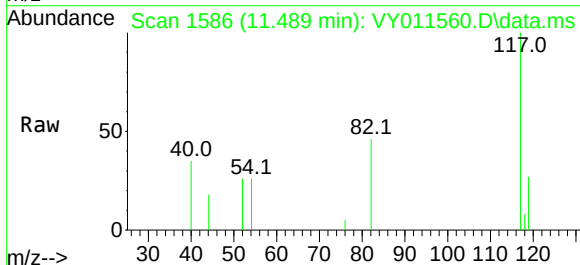
Instrument :
MSVOA_Y
ClientSampleId :
PSC-124019

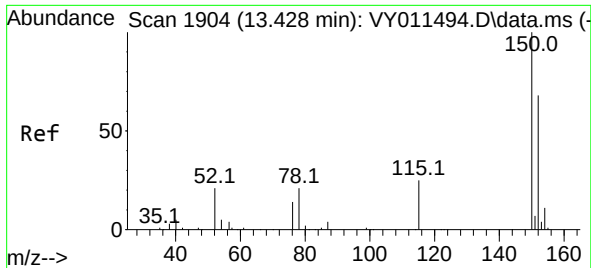
Tgt Ion: 95	Resp: 1031
Ion Ratio	Lower Upper
95 100	
174 78.7	0.0 177.0
176 83.3	0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011560.D
Acq: 22 Nov 2022 19:54

Tgt Ion: 117	Resp: 2073
Ion Ratio	Lower Upper
117 100	
82 46.1	43.0 64.4
119 27.5	25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011560.D

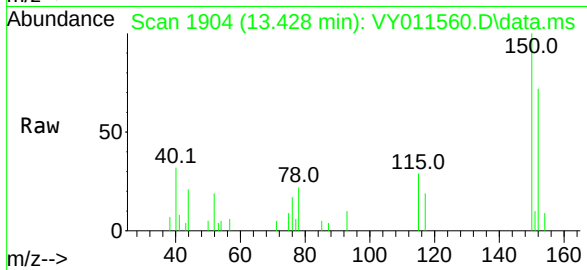
Acq: 22 Nov 2022 19:54

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124019



Tgt Ion:152 Resp: 1599

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 148.7 0.0 347.6

