

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102822\
 Data File : VY011185.D
 Acq On : 29 Oct 2022 03:30
 Operator : KP/MD
 Sample : N5310-09
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-5

Quant Time: Oct 29 06:47:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

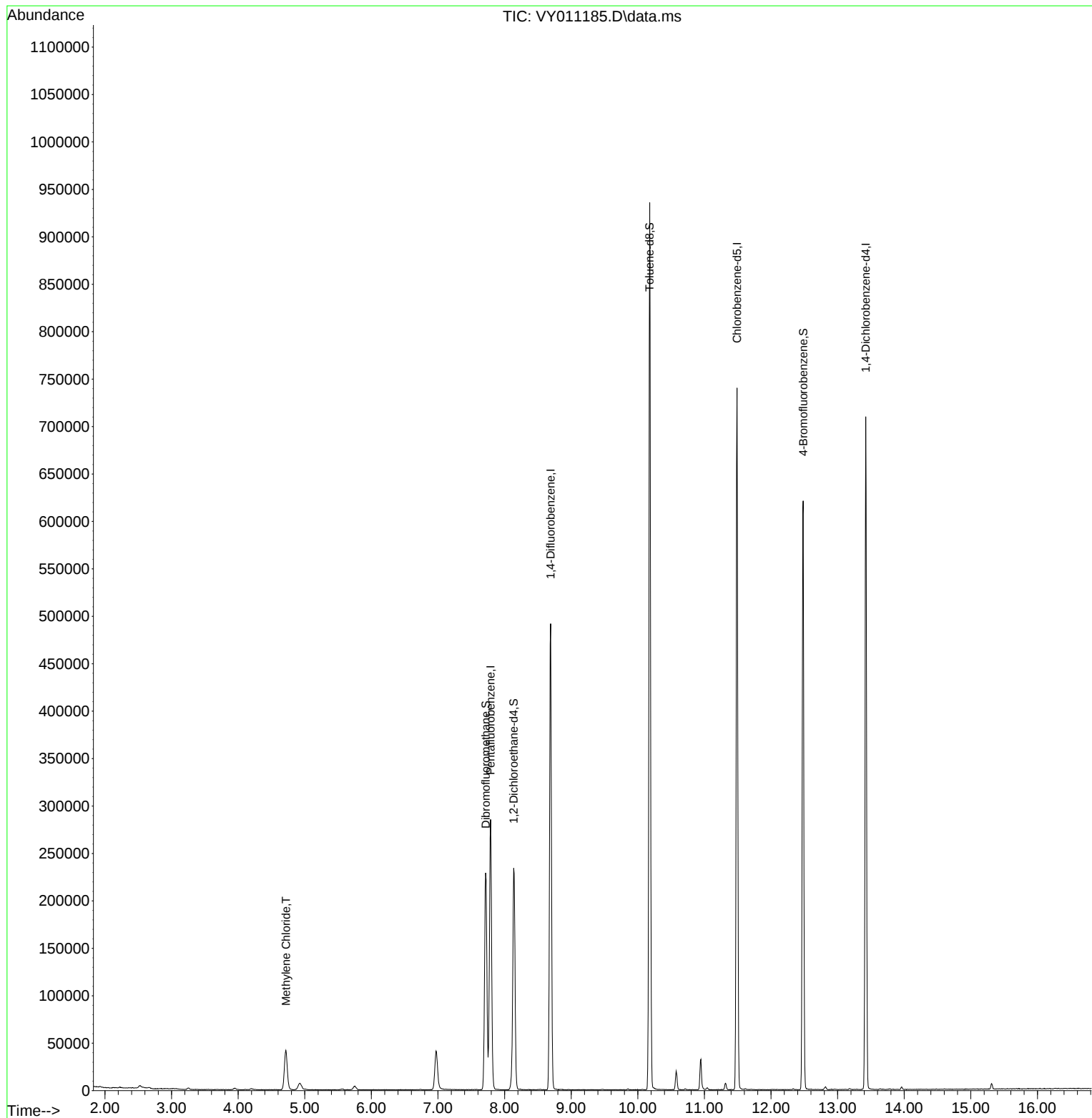
Internal Standards						
1) Pentafluorobenzene	7.789	168	221742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	429008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	410287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	183357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176830	77.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.240%	
35) Dibromofluoromethane	7.716	113	171161	64.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.760%	
50) Toluene-d8	10.179	98	606203	58.000	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.000%	
62) 4-Bromofluorobenzene	12.483	95	198322	57.990	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.980%	
Target Compounds						
20) Methylene Chloride	4.716	84	32471	8.404	ug/l	Qvalue 87

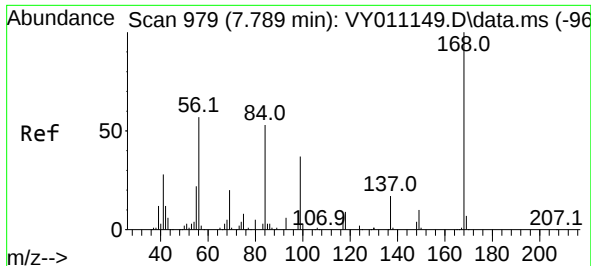
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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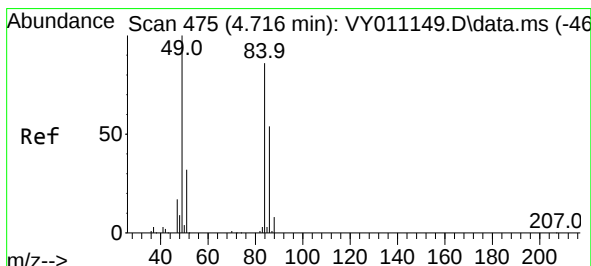
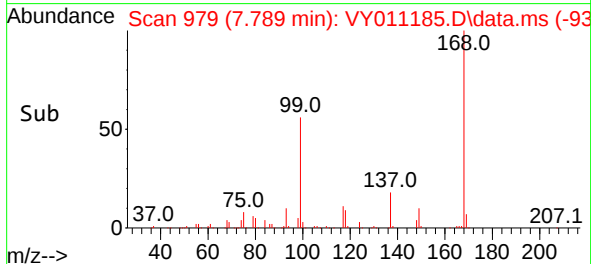
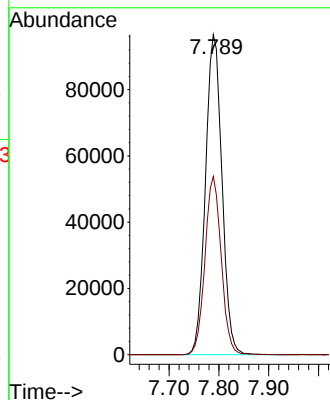
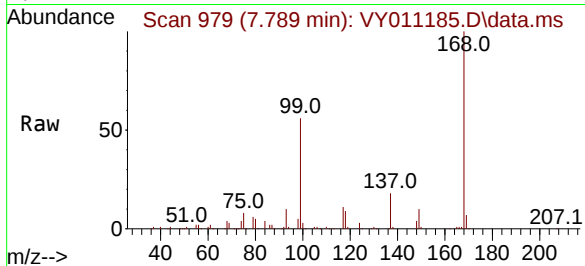




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

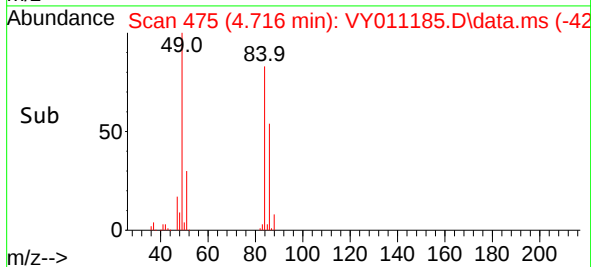
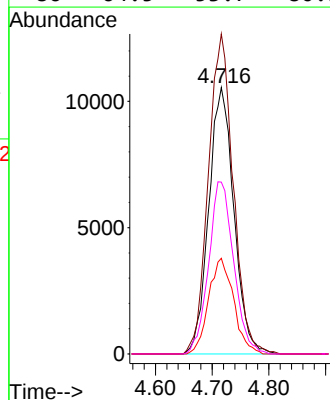
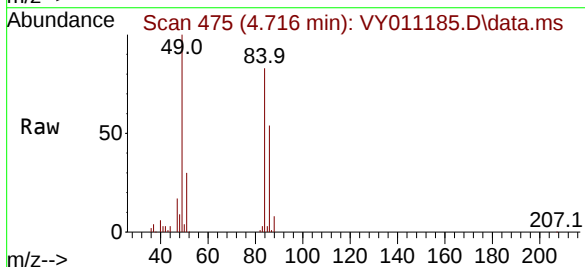
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-5

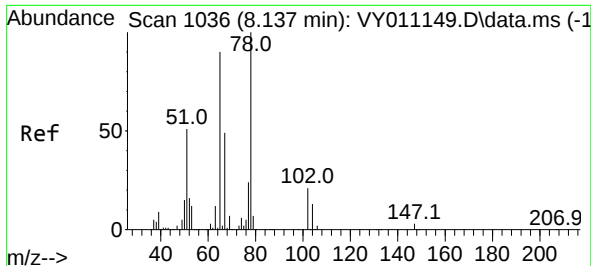
Tgt Ion:168 Resp: 221742
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#20
Methylene Chloride
Concen: 8.404 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

Tgt Ion: 84 Resp: 32471
Ion Ratio Lower Upper
84 100
49 120.1 114.4 171.6
51 35.9 35.3 52.9
86 64.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 77.122 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY011185.D

Acq: 29 Oct 2022 03:30

Instrument :

MSVOA_Y

ClientSampleId :

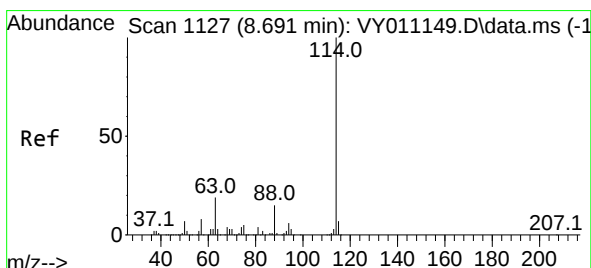
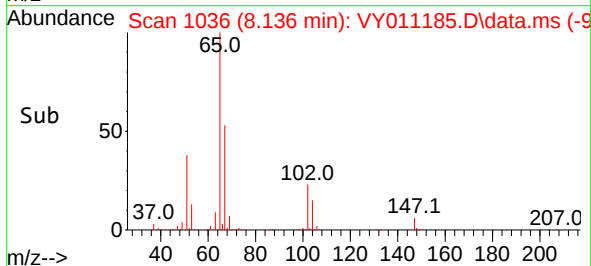
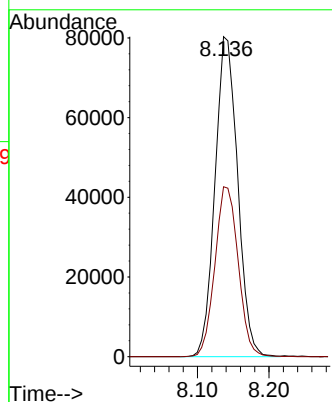
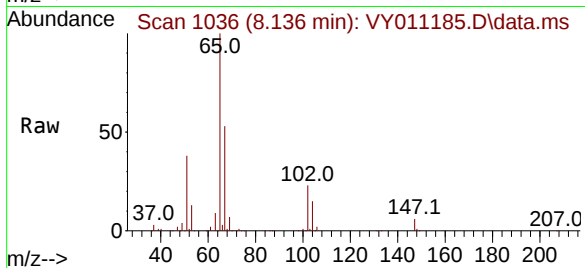
BIN 1-2-(2840)-VOC-5

Tgt Ion: 65 Resp: 176830

Ion Ratio Lower Upper

65 100

67 54.6 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: VY011185.D

Acq: 29 Oct 2022 03:30

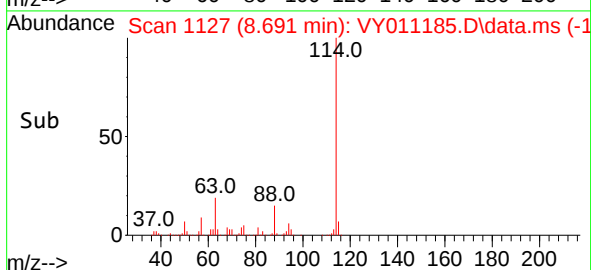
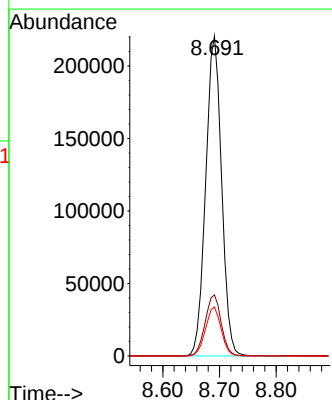
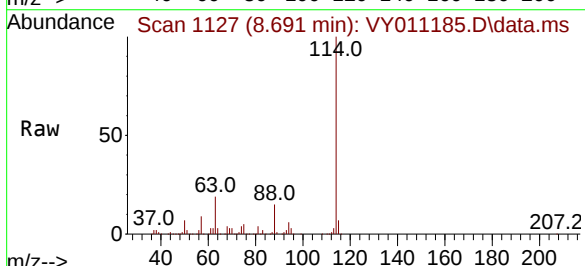
Tgt Ion: 114 Resp: 429008

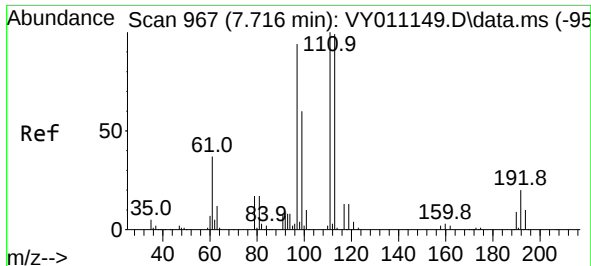
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.3 0.0 31.8

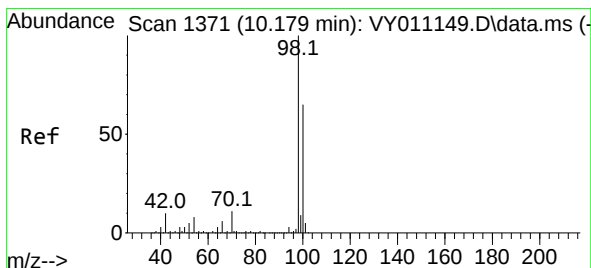
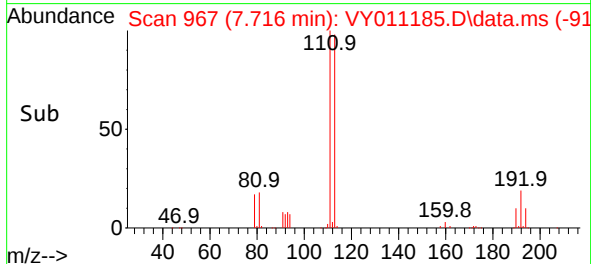
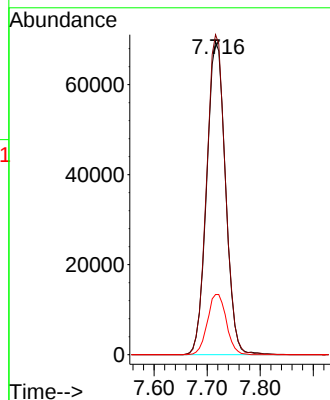
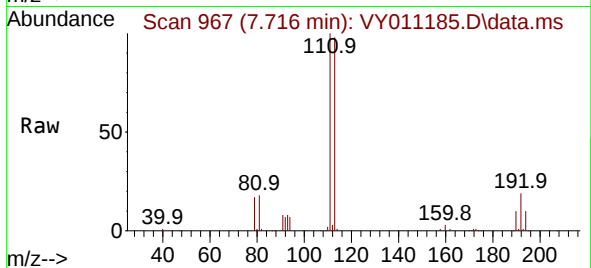




#35
Dibromofluoromethane
Concen: 64.877 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

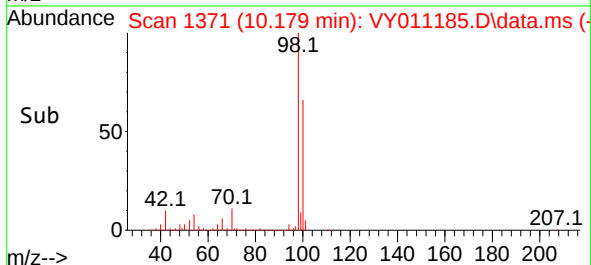
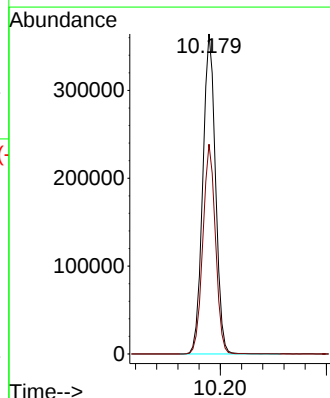
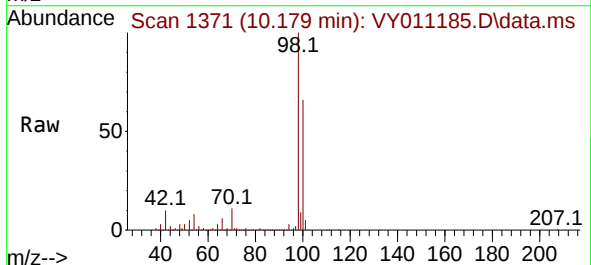
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-5

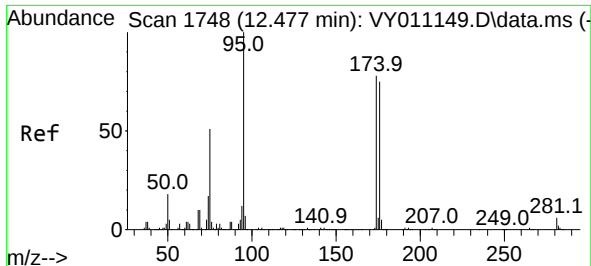
Tgt Ion:113 Resp: 171161
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 58.000 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

Tgt Ion: 98 Resp: 606203
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

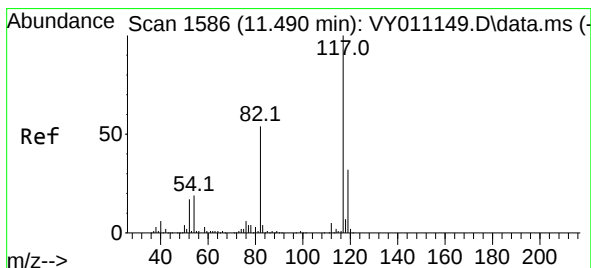
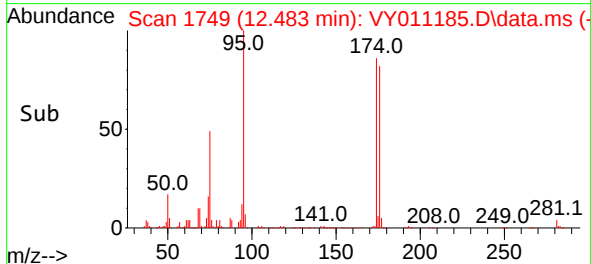
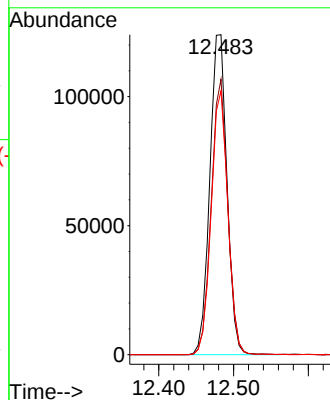
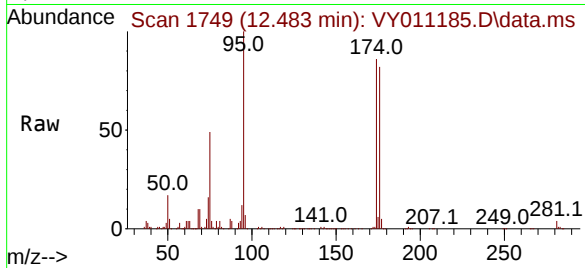




#62
4-Bromofluorobenzene
Concen: 57.990 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

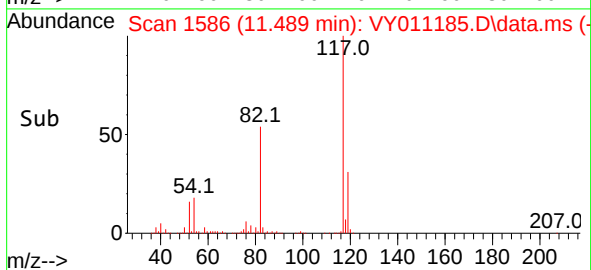
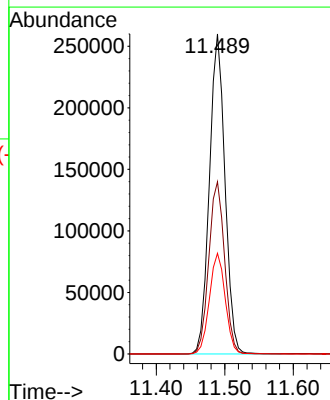
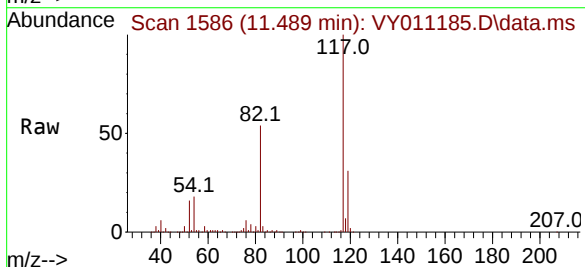
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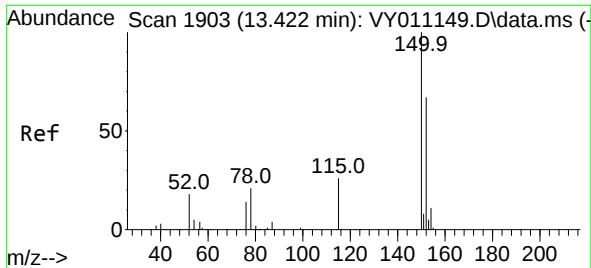
Tgt Ion: 95 Resp: 198322
Ion Ratio Lower Upper
95 100
174 82.9 0.0 177.0
176 79.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011185.D
Acq: 29 Oct 2022 03:30

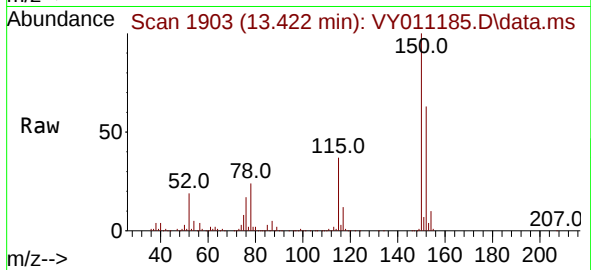
Tgt Ion: 117 Resp: 410287
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011185.D
 Acq: 29 Oct 2022 03:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-5



Tgt Ion:	152	Resp:	183357
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.2	84.7
150	158.4	0.0	347.6

