

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010786.D
 Acq On : 04 Oct 2022 11:46
 Operator : KP/MD
 Sample : N4936-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(16-22)

Quant Time: Oct 05 07:26:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

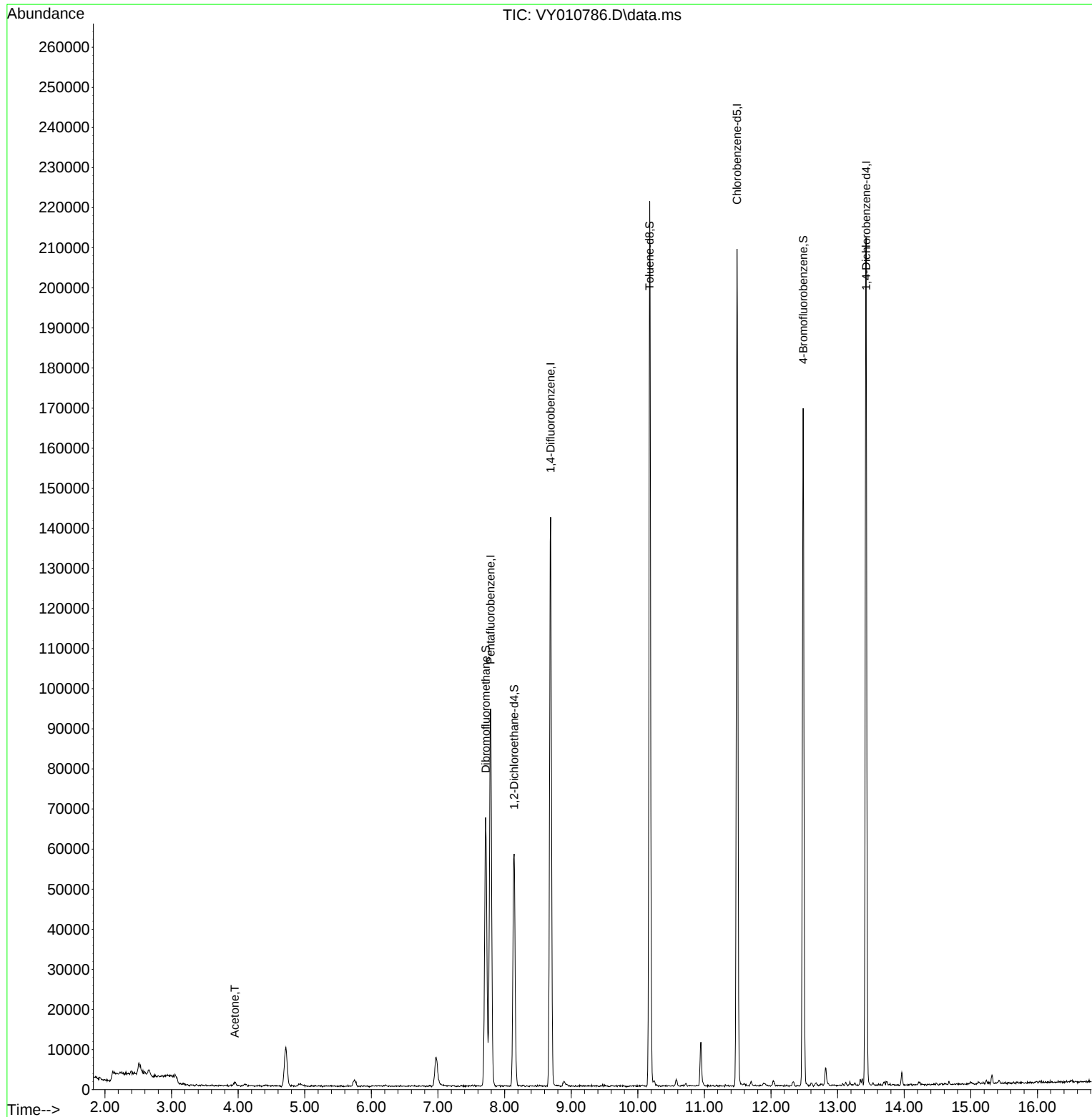
Internal Standards						
1) Pentafluorobenzene	7.789	168	73718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	122013	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	46847	62.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.716	113	47466	58.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.220%
50) Toluene-d8	10.179	98	144673	52.231	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.483	95	50843	46.744	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.480%
Target Compounds						
16) Acetone	3.948	43	1722	9.074	ug/l	Qvalue # 81

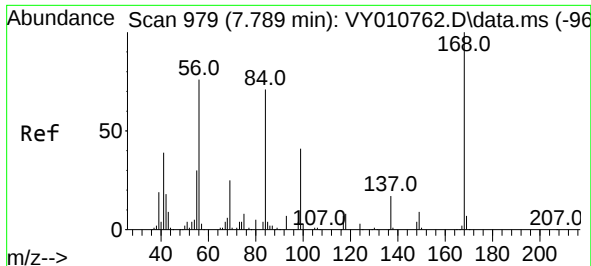
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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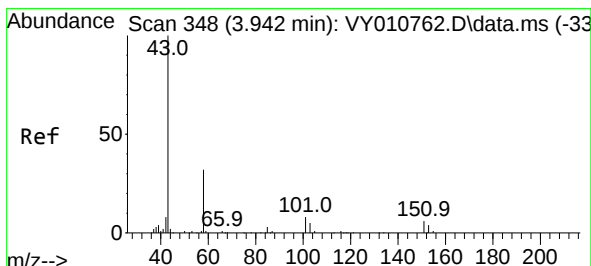
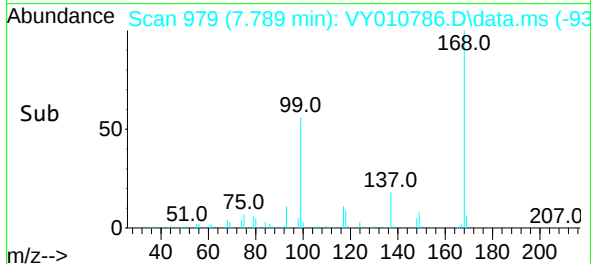
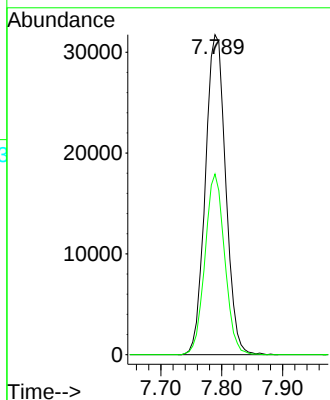
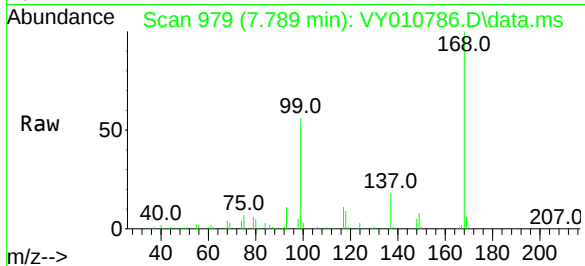




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

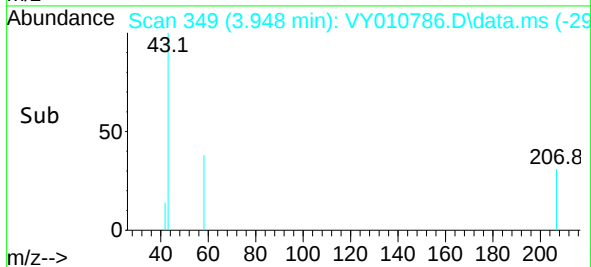
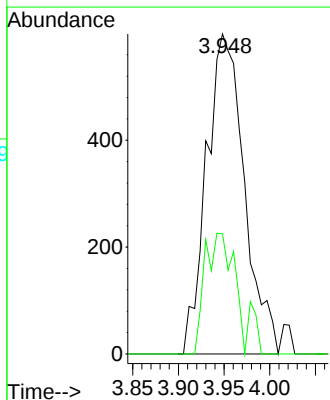
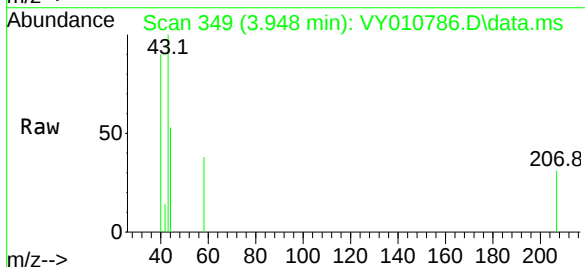
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(16-22)

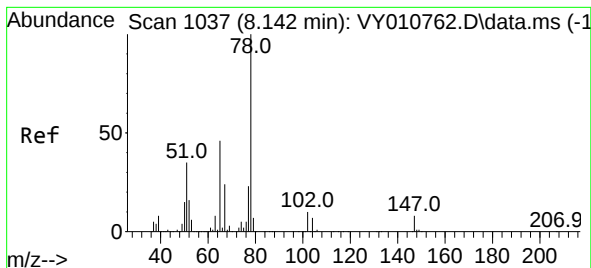
Tgt Ion:168 Resp: 73718
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#16
Acetone
Concen: 9.074 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 37.6 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 62.695 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY010786.D

Acq: 04 Oct 2022 11:46

Instrument :

MSVOA_Y

ClientSampleId :

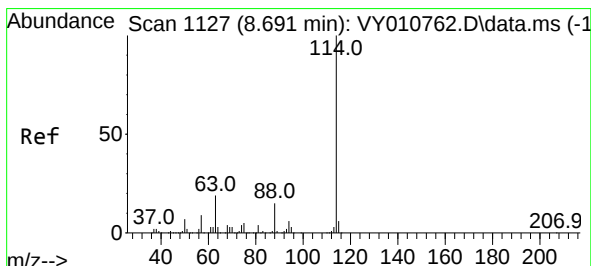
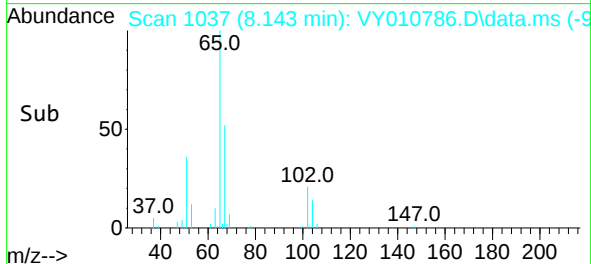
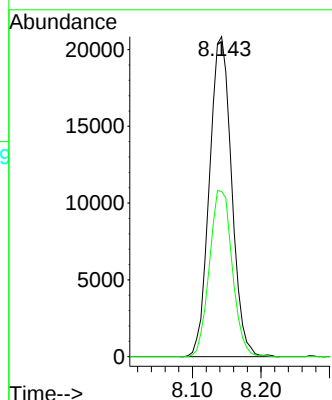
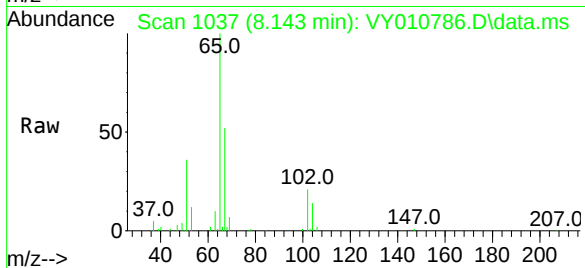
SASP2-T-2-(16-22)

Tgt Ion: 65 Resp: 46847

Ion Ratio Lower Upper

65 100

67 53.5 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: VY010786.D

Acq: 04 Oct 2022 11:46

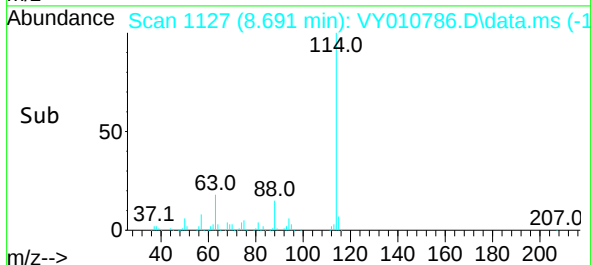
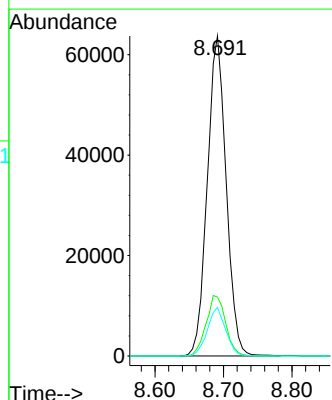
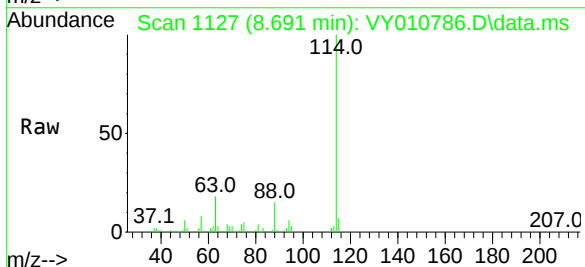
Tgt Ion: 114 Resp: 122013

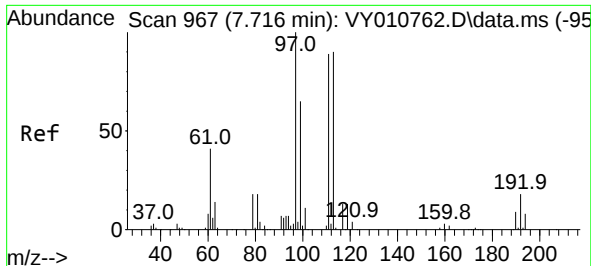
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 15.2 0.0 31.8

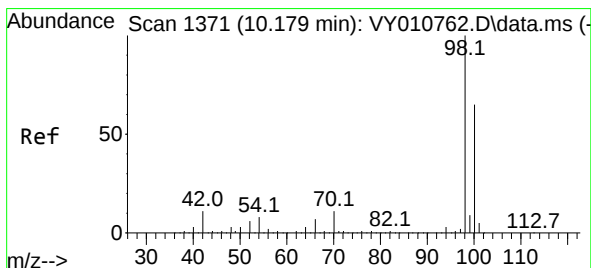
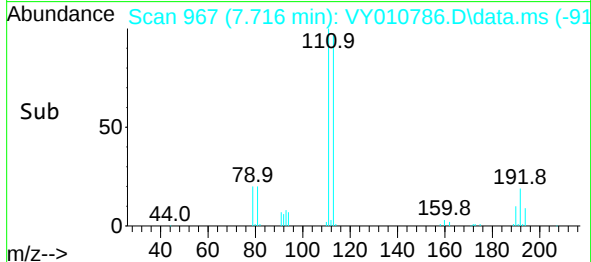
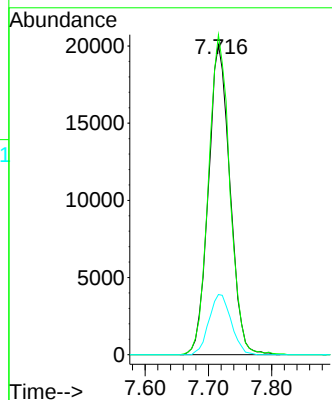
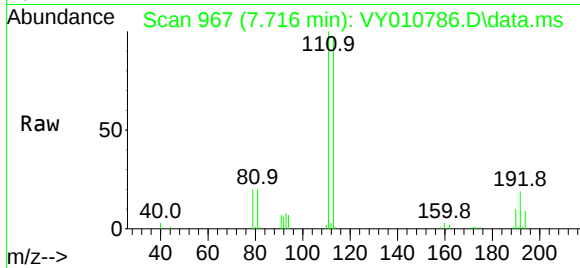




#35
Dibromofluoromethane
Concen: 58.605 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

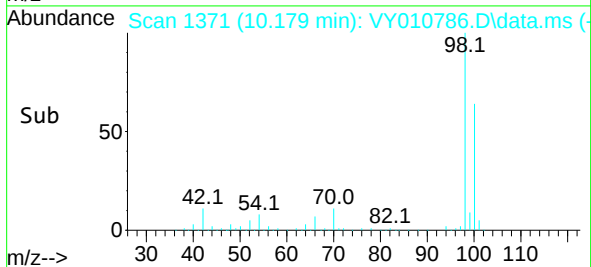
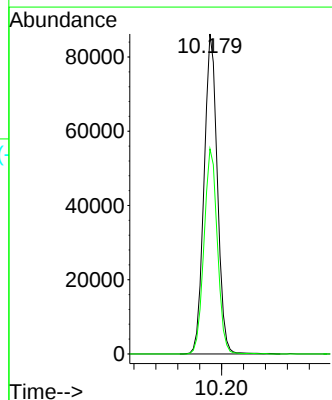
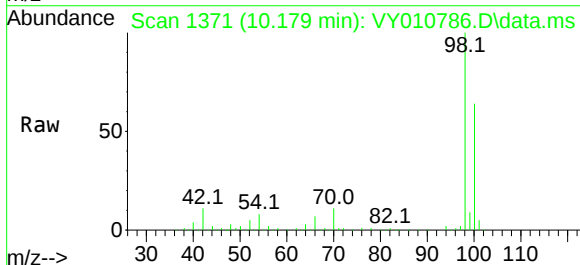
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(16-22)

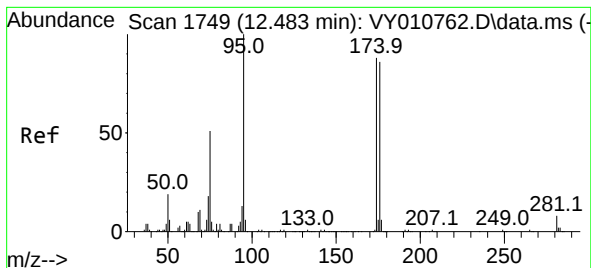
Tgt Ion:113 Resp: 47466
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.0 17.6 26.4



#50
Toluene-d8
Concen: 52.231 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

Tgt Ion: 98 Resp: 144673
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

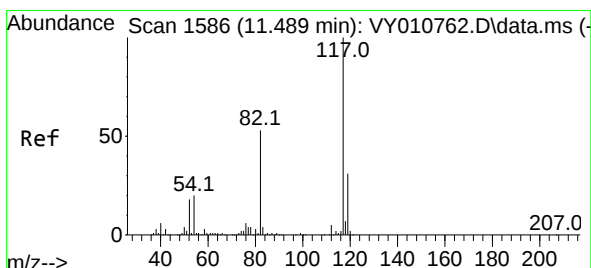
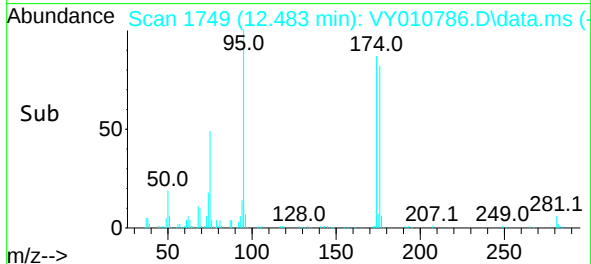
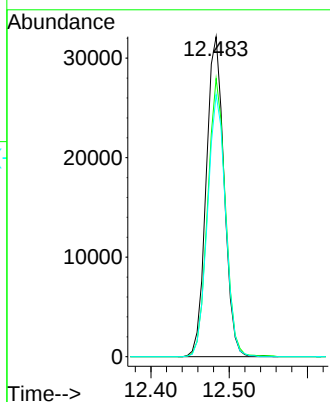
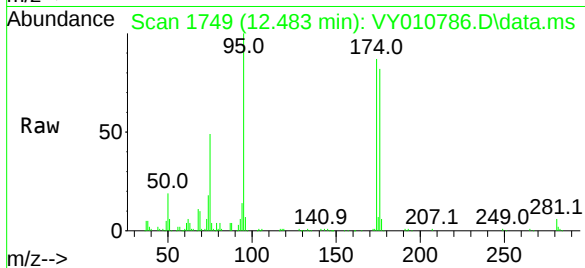




#62
4-Bromofluorobenzene
Concen: 46.744 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

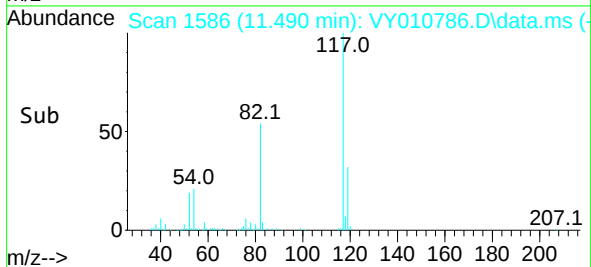
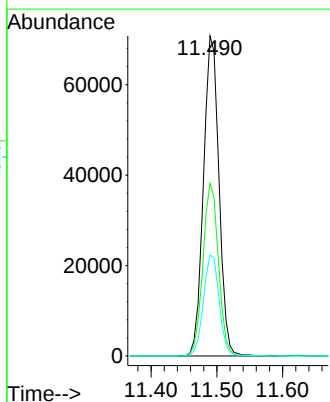
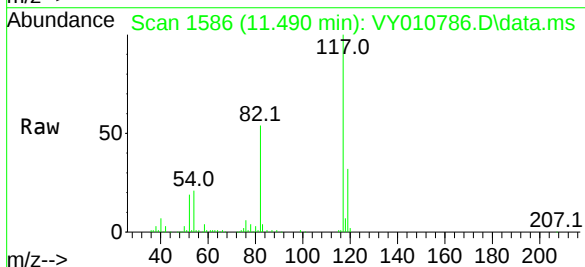
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ClientSampleId :
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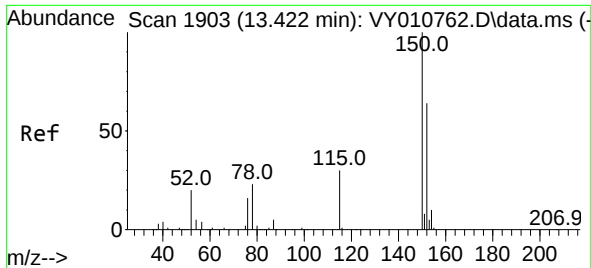
Tgt Ion: 95 Resp: 50843
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.0
176 82.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY010786.D
Acq: 04 Oct 2022 11:46

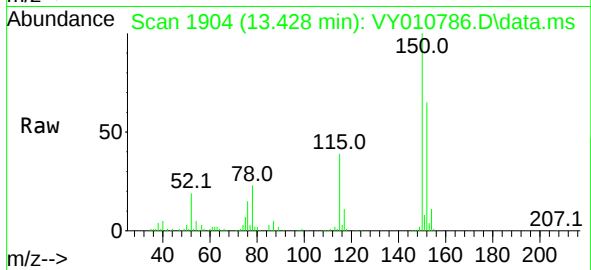
Tgt Ion: 117 Resp: 116096
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 31.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010786.D
 Acq: 04 Oct 2022 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(16-22)



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	28.2	84.7
150	157.3	0.0	347.6

