

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010897.D
 Acq On : 10 Oct 2022 17:49
 Operator : KP/MD
 Sample : N5018-02
 Misc : 4.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-3-(5-10)

Quant Time: Oct 11 09:45:43 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)

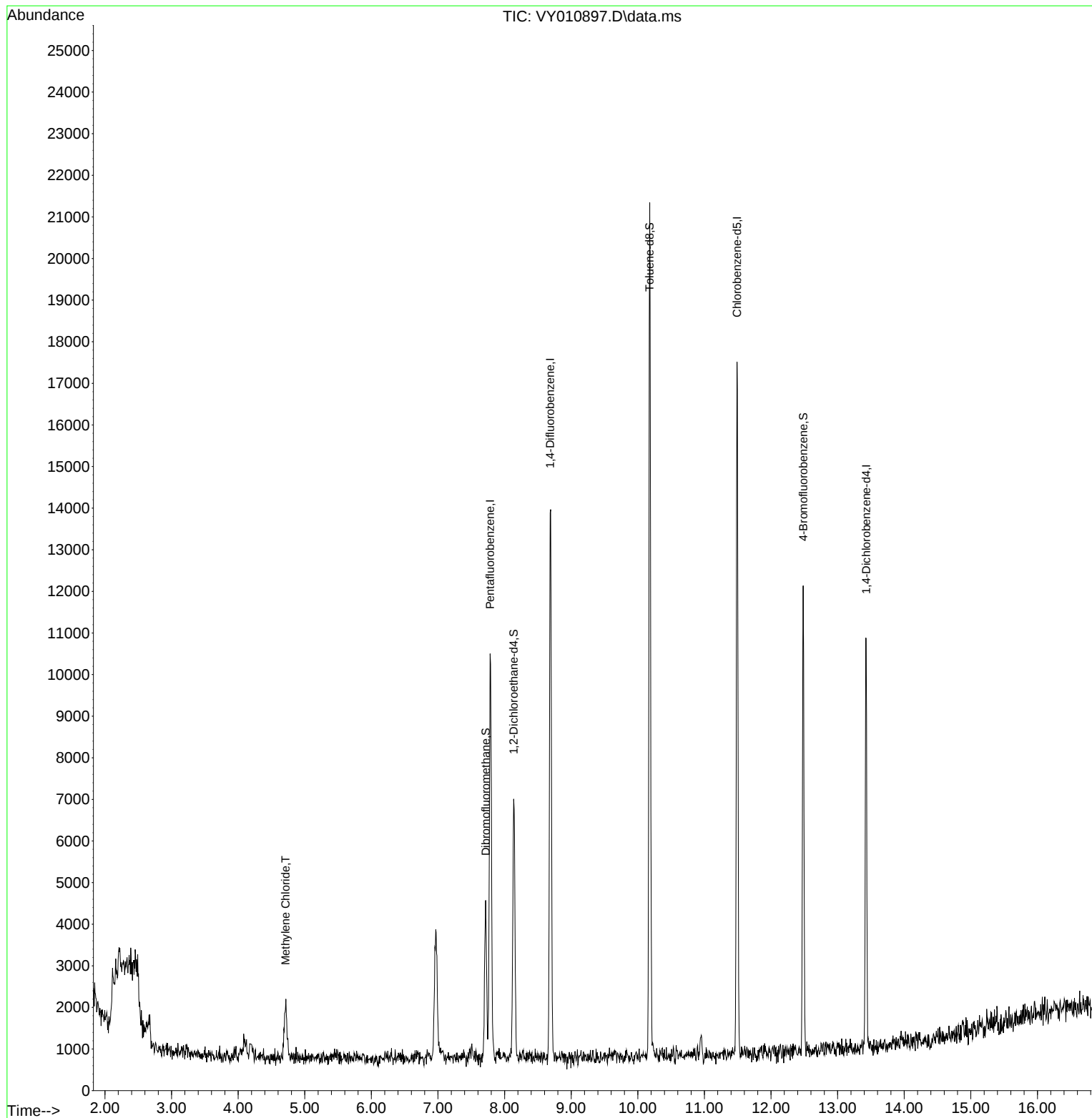
Internal Standards						
1) Pentafluorobenzene	7.783	168	8055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	12337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	10140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4907	60.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.200%
35) Dibromofluoromethane	7.716	113	2579	31.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.980%
50) Toluene-d8	10.179	98	14292	51.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.483	95	3647	32.007	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.020%
Target Compounds						
20) Methylene Chloride	4.710	84	1111	7.823	ug/l	# 84

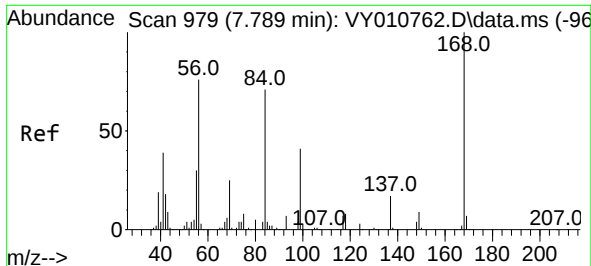
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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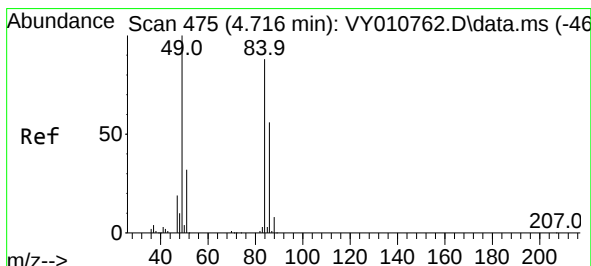
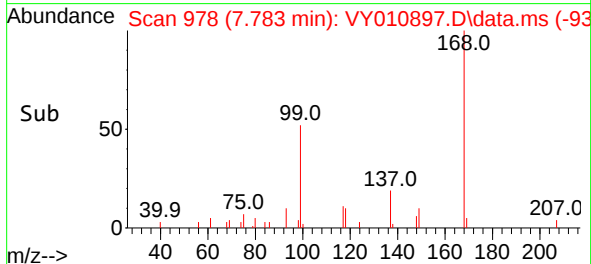
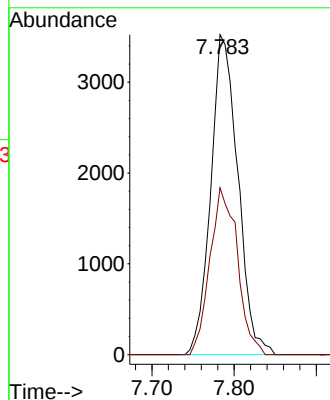
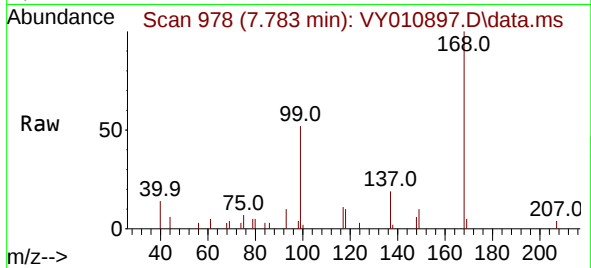




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

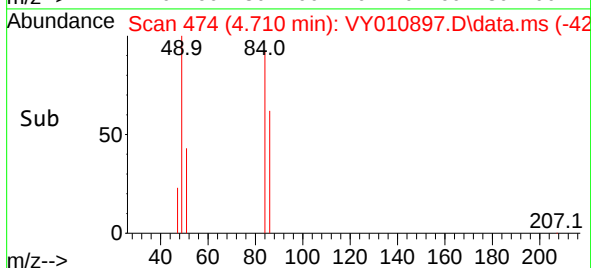
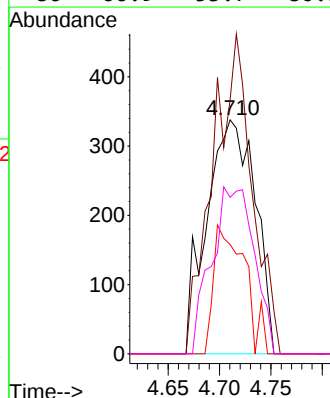
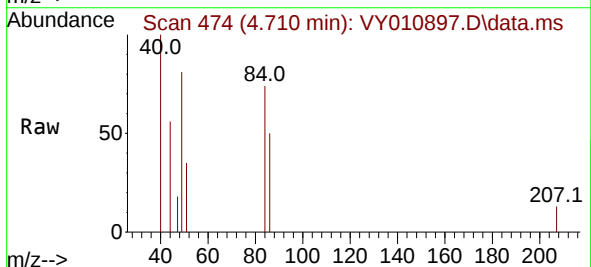
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(5-10)

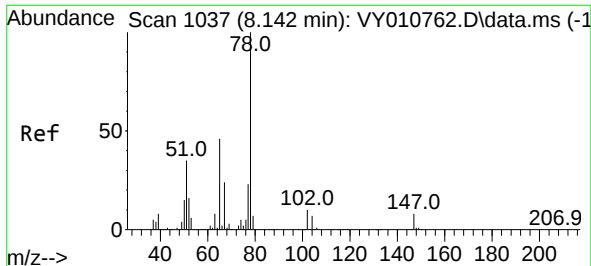
Tgt Ion:168 Resp: 8055
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.823 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 84 Resp: 1111
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 46.7 35.3 52.9
86 66.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.100 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010897.D

Acq: 10 Oct 2022 17:49

Instrument :

MSVOA_Y

ClientSampleId :

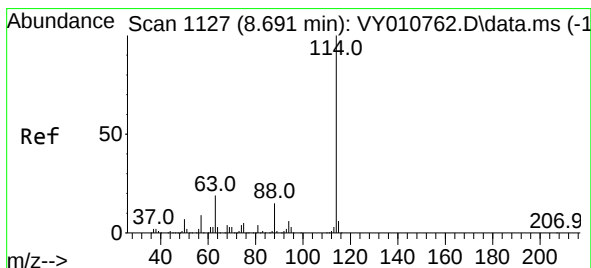
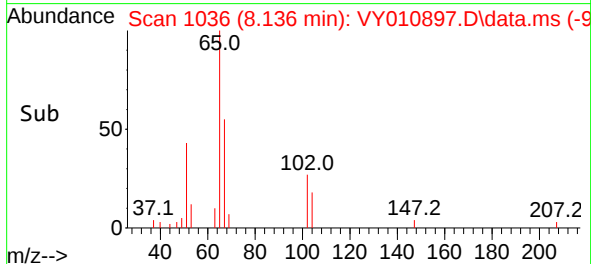
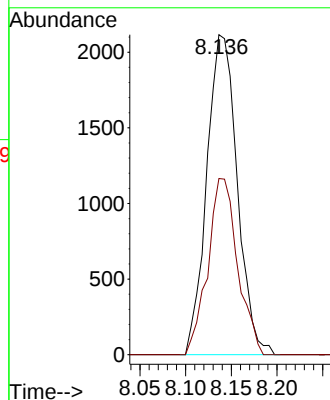
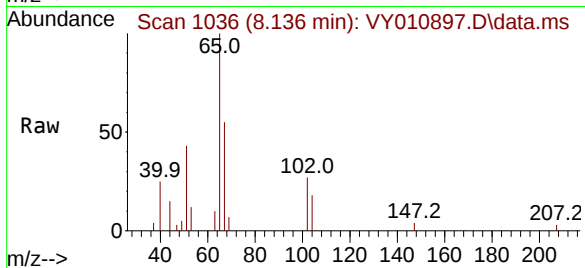
SASP2-T-3-(5-10)

Tgt Ion: 65 Resp: 4907

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010897.D

Acq: 10 Oct 2022 17:49

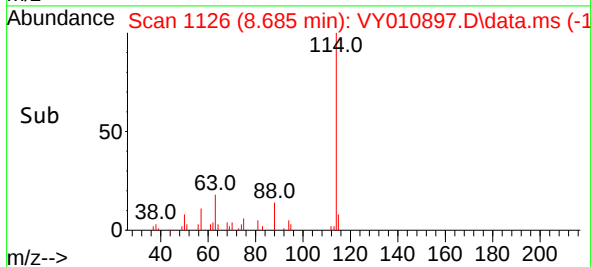
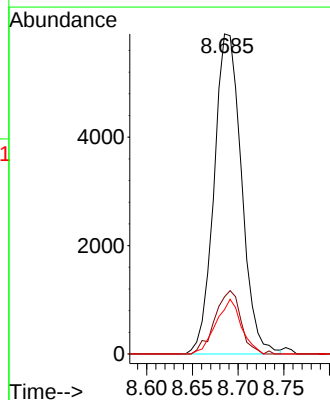
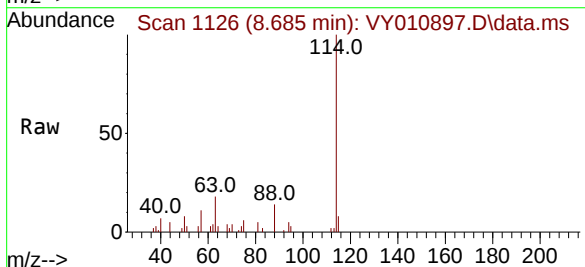
Tgt Ion: 114 Resp: 12337

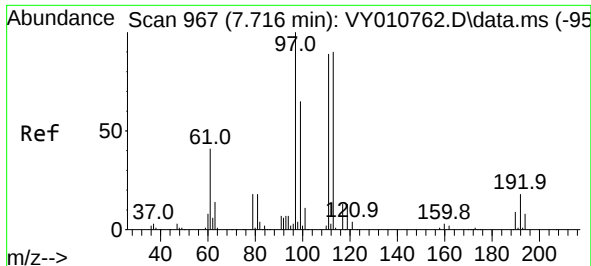
Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.9 0.0 31.8

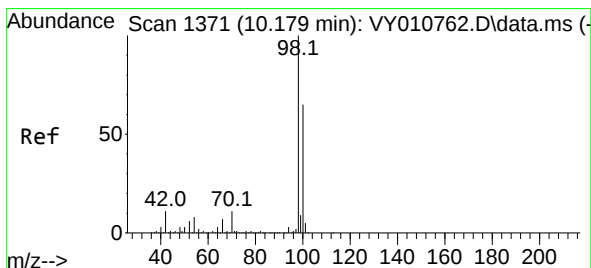
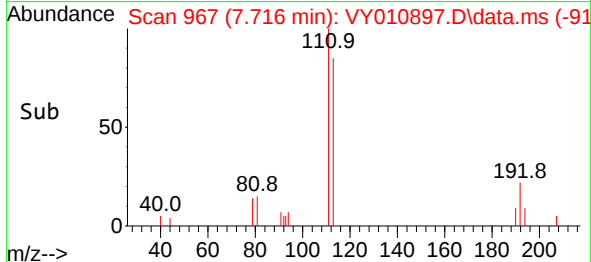
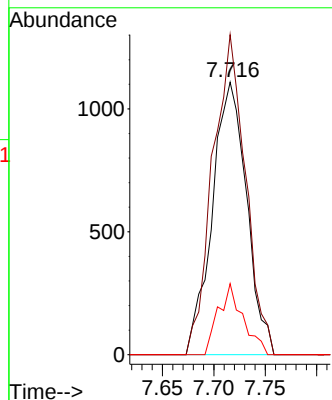
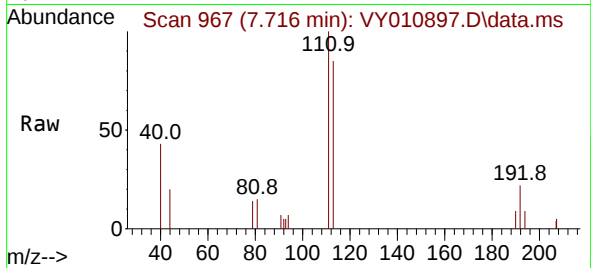




#35
Dibromofluoromethane
Concen: 31.492 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

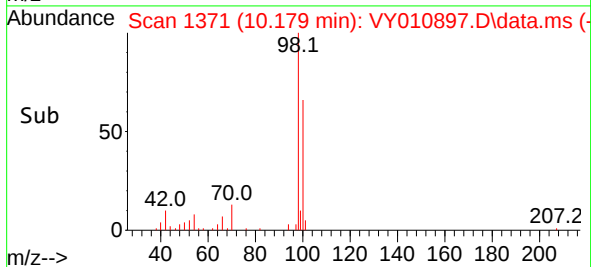
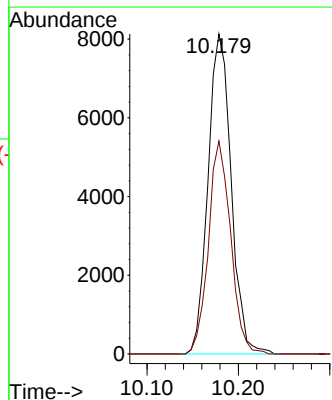
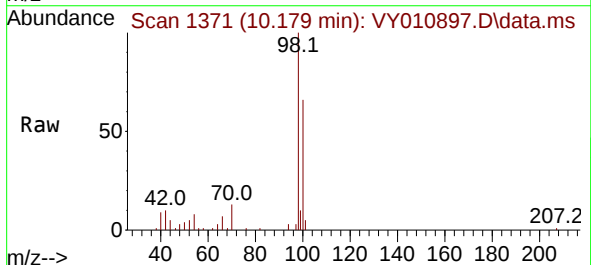
Instrument :
MSVOA_Y
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SASP2-T-3-(5-10)

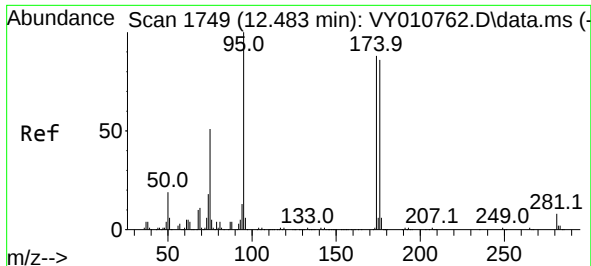
Tgt Ion:113 Resp: 2579
Ion Ratio Lower Upper
113 100
111 111.9 82.6 124.0
192 18.7 17.6 26.4



#50
Toluene-d8
Concen: 51.031 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

Tgt Ion: 98 Resp: 14292
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

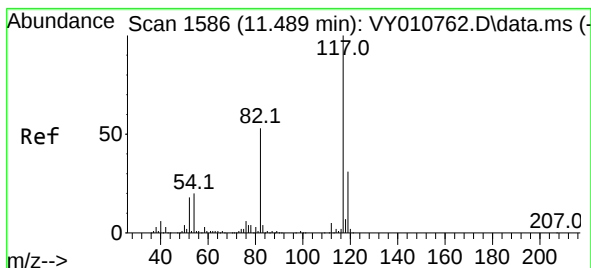
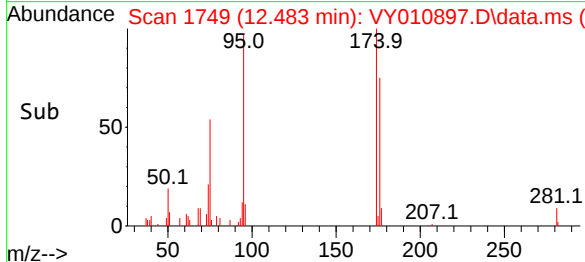
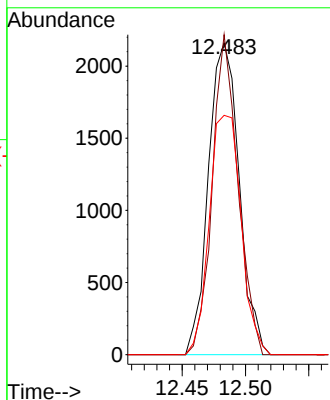
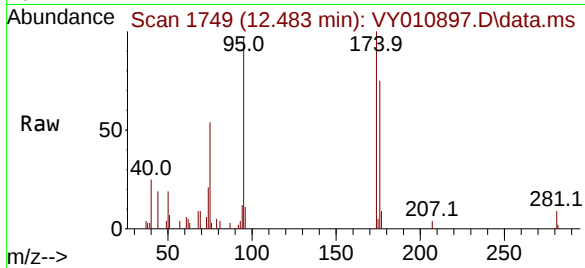




#62
4-Bromofluorobenzene
Concen: 32.007 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

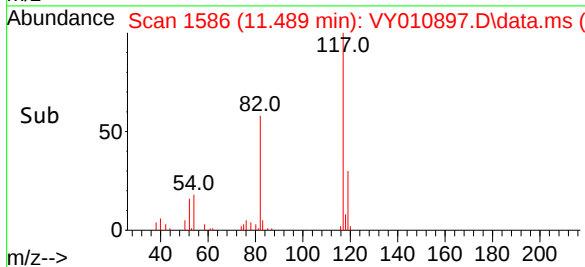
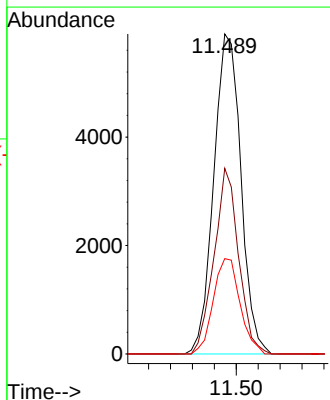
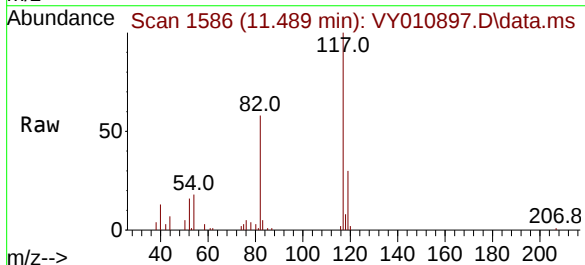
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(5-10)

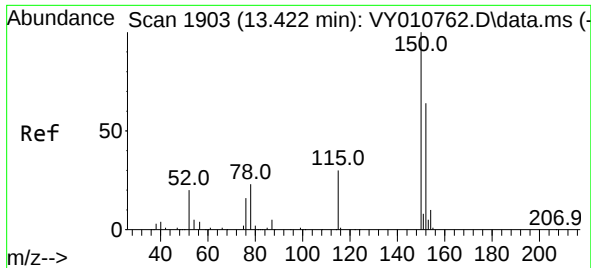
Tgt Ion:	95	Resp:	3647
Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	177.0
176	79.5	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010897.D
Acq: 10 Oct 2022 17:49

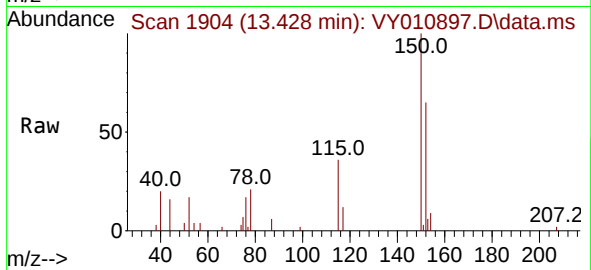
Tgt Ion:	117	Resp:	10140
Ion	Ratio	Lower	Upper
117	100		
82	58.0	43.0	64.4
119	29.8	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010897.D
 Acq: 10 Oct 2022 17:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-3-(5-10)



Tgt Ion:152 Resp: 2912
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 164.3 0.0 347.6

