

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121522\
 Data File : VY011879.D
 Acq On : 15 Dec 2022 18:00
 Operator : KP/MD
 Sample : N6038-25
 Misc : 4.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(3-5)

Quant Time: Dec 16 00:15:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

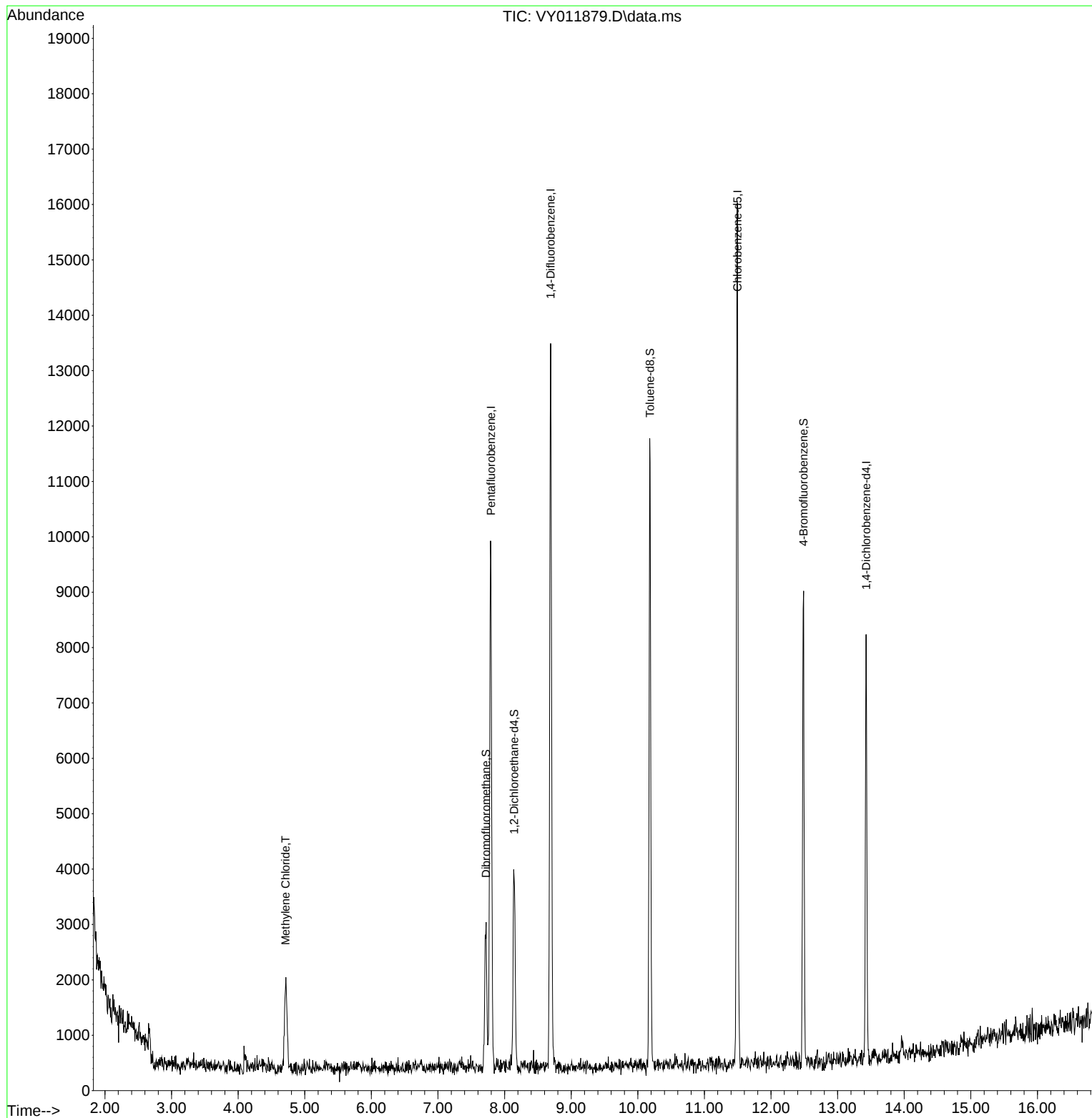
Internal Standards						
1) Pentafluorobenzene	7.795	168	7641	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	12118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	9522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2432	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3173	62.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.020%
35) Dibromofluoromethane	7.722	113	1927	34.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.180%
50) Toluene-d8	10.185	98	8070	45.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.489	95	2802	38.865	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	77.720%
Target Compounds						
20) Methylene Chloride	4.710	84	1292	13.055	ug/l	# 74

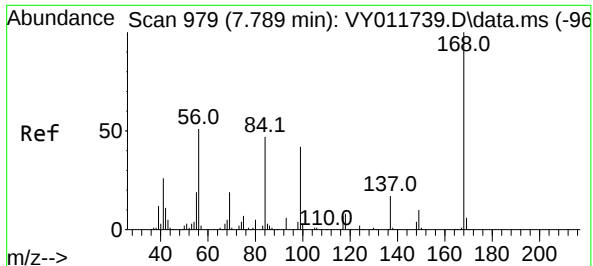
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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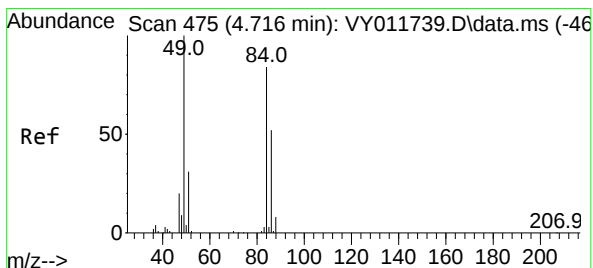
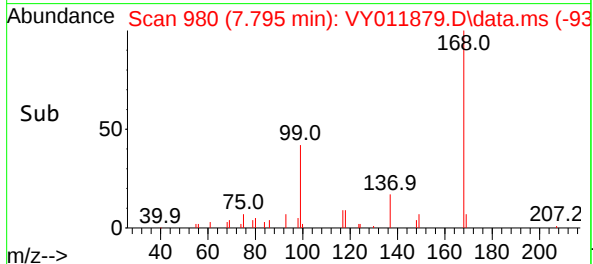
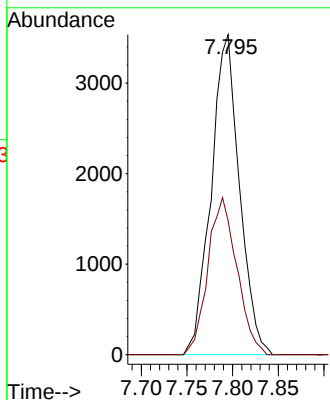
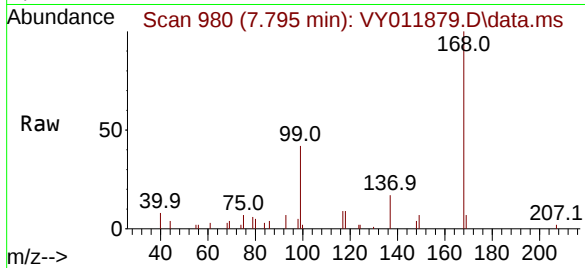




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011879.D
Acq: 15 Dec 2022 18:00

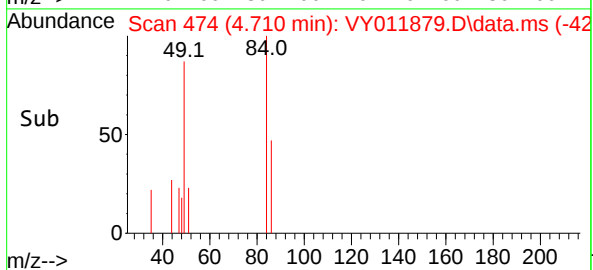
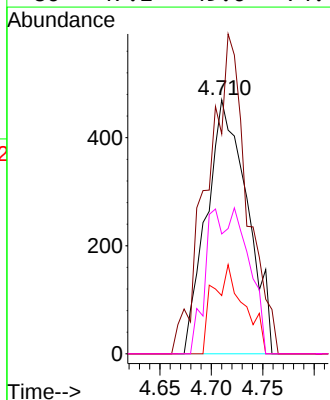
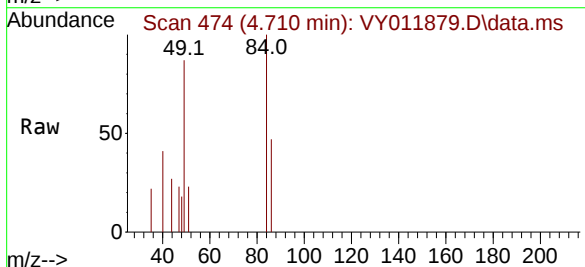
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(3-5)

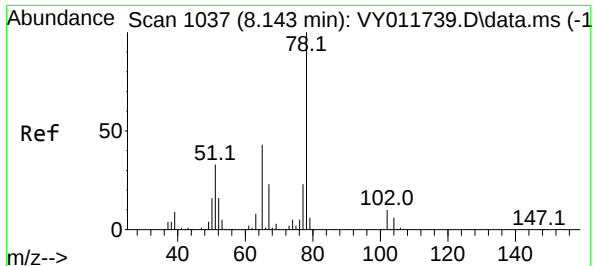
Tgt Ion:168 Resp: 7641
Ion Ratio Lower Upper
168 100
99 41.8 44.0 66.0#



#20
Methylene Chloride
Concen: 13.055 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011879.D
Acq: 15 Dec 2022 18:00

Tgt Ion: 84 Resp: 1292
Ion Ratio Lower Upper
84 100
49 86.6 95.4 143.2#
51 23.0 29.9 44.9#
86 47.2 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 62.005 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011879.D

Acq: 15 Dec 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

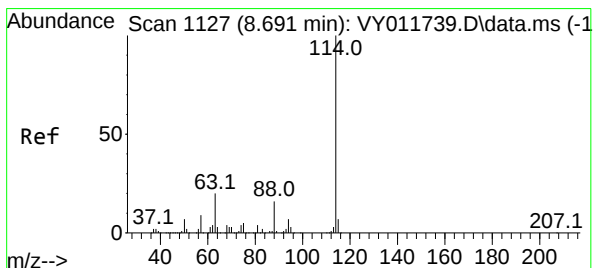
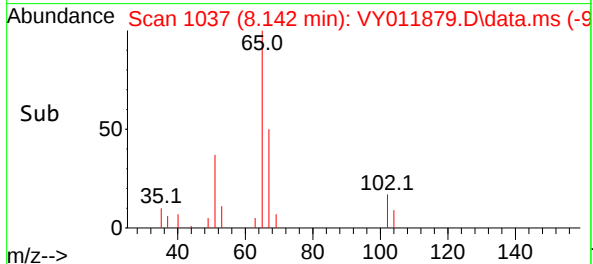
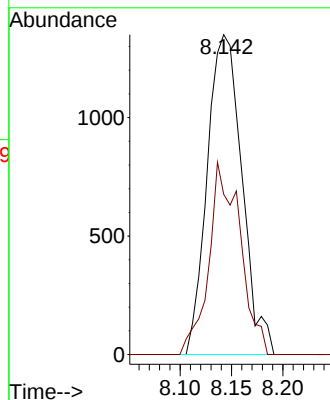
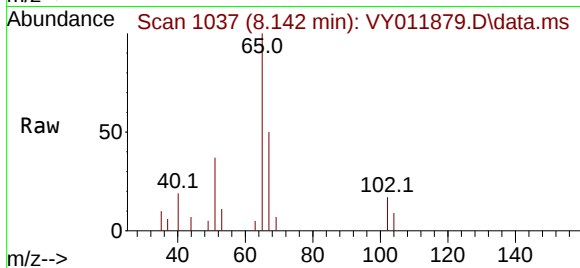
RB-41-(3-5)

Tgt Ion: 65 Resp: 3173

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011879.D

Acq: 15 Dec 2022 18:00

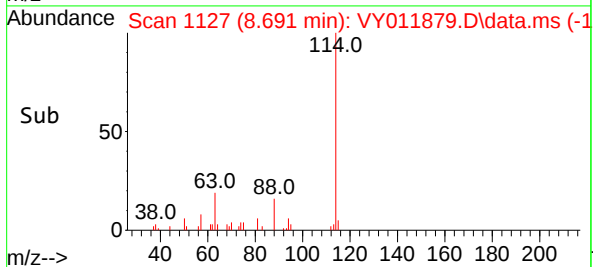
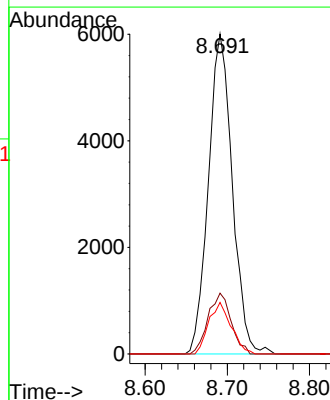
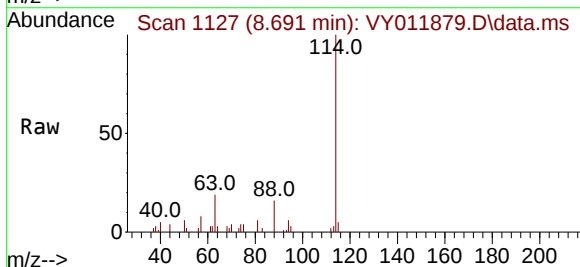
Tgt Ion: 114 Resp: 12118

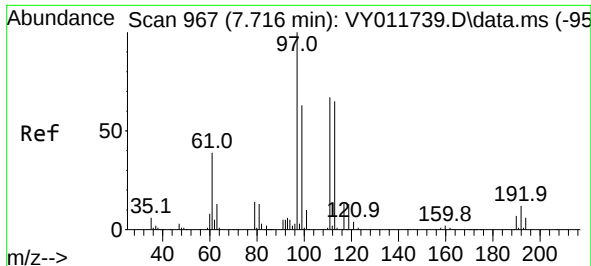
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.1 0.0 32.2

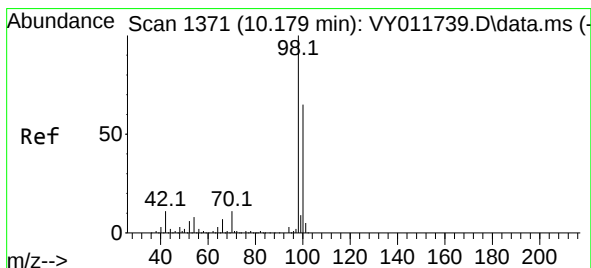
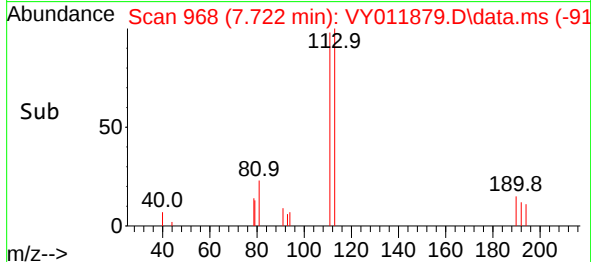
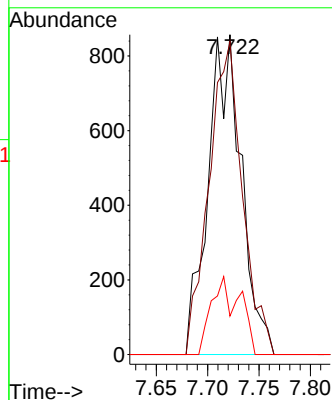
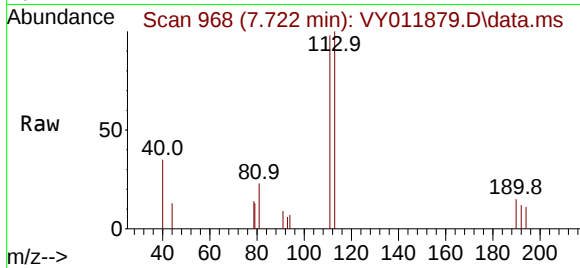




#35
 Dibromofluoromethane
 Concen: 34.593 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY011879.D
 Acq: 15 Dec 2022 18:00

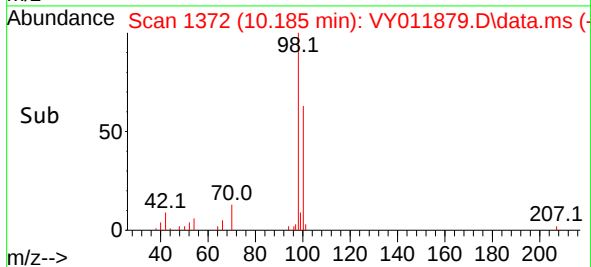
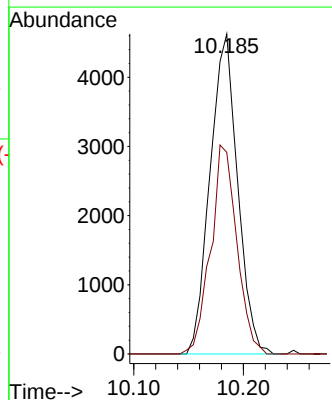
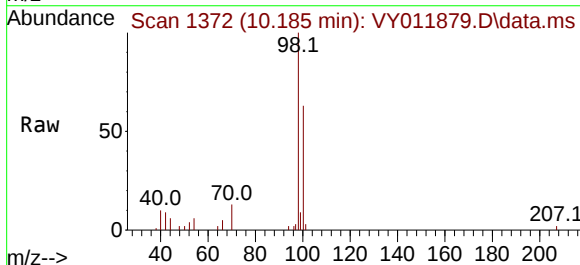
Instrument :
 MSVOA_Y
 ClientSampleId :
 RB-41-(3-5)

Tgt Ion:113 Resp: 1927
 Ion Ratio Lower Upper
 113 100
 111 98.4 83.0 124.4
 192 20.8 16.0 24.0



#50
 Toluene-d8
 Concen: 45.062 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY011879.D
 Acq: 15 Dec 2022 18:00

Tgt Ion: 98 Resp: 8070
 Ion Ratio Lower Upper
 98 100
 100 62.1 51.9 77.9

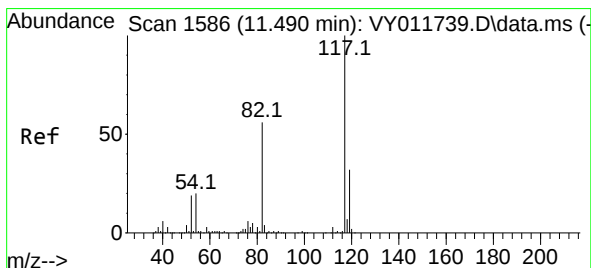
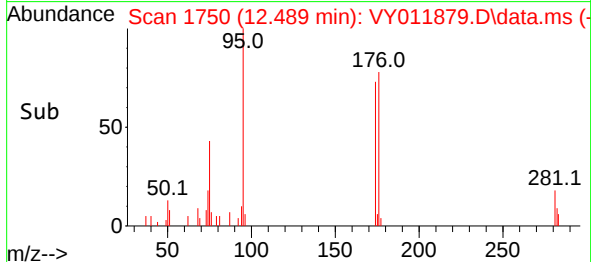
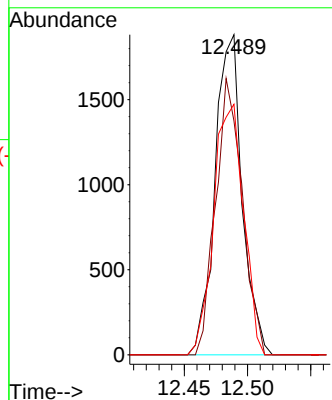
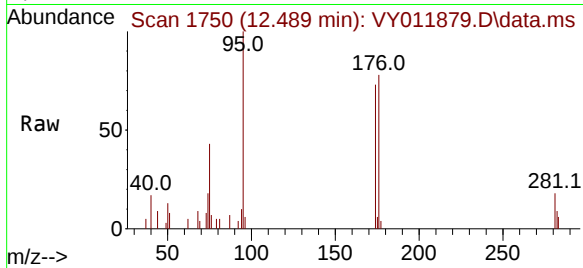




#62
4-Bromofluorobenzene
Concen: 38.865 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011879.D
Acq: 15 Dec 2022 18:00

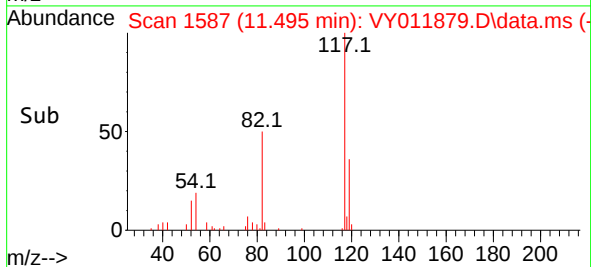
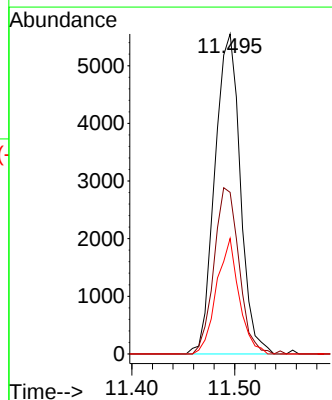
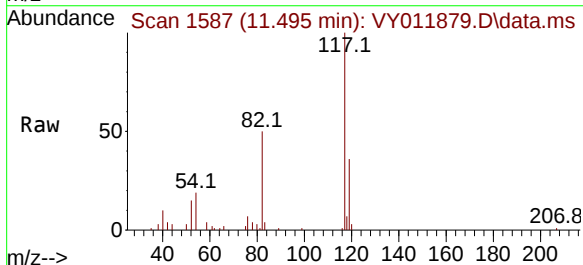
Instrument :
MSVOA_Y
ClientSampleId :
RB-41-(3-5)

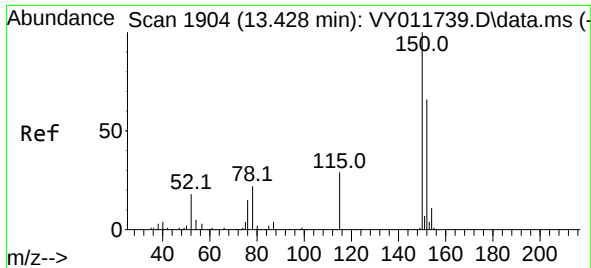
Tgt Ion:	95	Resp:	2802
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	172.0
176	86.4	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY011879.D
Acq: 15 Dec 2022 18:00

Tgt Ion:	117	Resp:	9522
Ion	Ratio	Lower	Upper
117	100		
82	50.5	44.8	67.2
119	36.1	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY011879.D

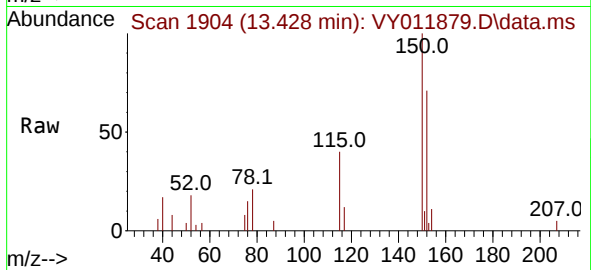
Acq: 15 Dec 2022 18:00

Instrument :

MSVOA_Y

ClientSampleId :

RB-41-(3-5)



Tgt Ion:152 Resp: 2432

Ion Ratio Lower Upper

152 100

115 54.6 29.1 87.3

150 149.7 0.0 342.6

