

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062524\
 Data File : VY018688.D
 Acq On : 25 Jun 2024 15:06
 Operator : SY/MD
 Sample : P3021-07RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ARS20-006RE

Quant Time: Jun 26 02:37:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	1306	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1487	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	129	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	952	72.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.800%
35) Dibromofluoromethane	7.704	113	800	53.376	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.760%
50) Toluene-d8	10.173	98	2210	38.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.680%
62) 4-Bromofluorobenzene	12.471	95	144	7.912	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.820%#

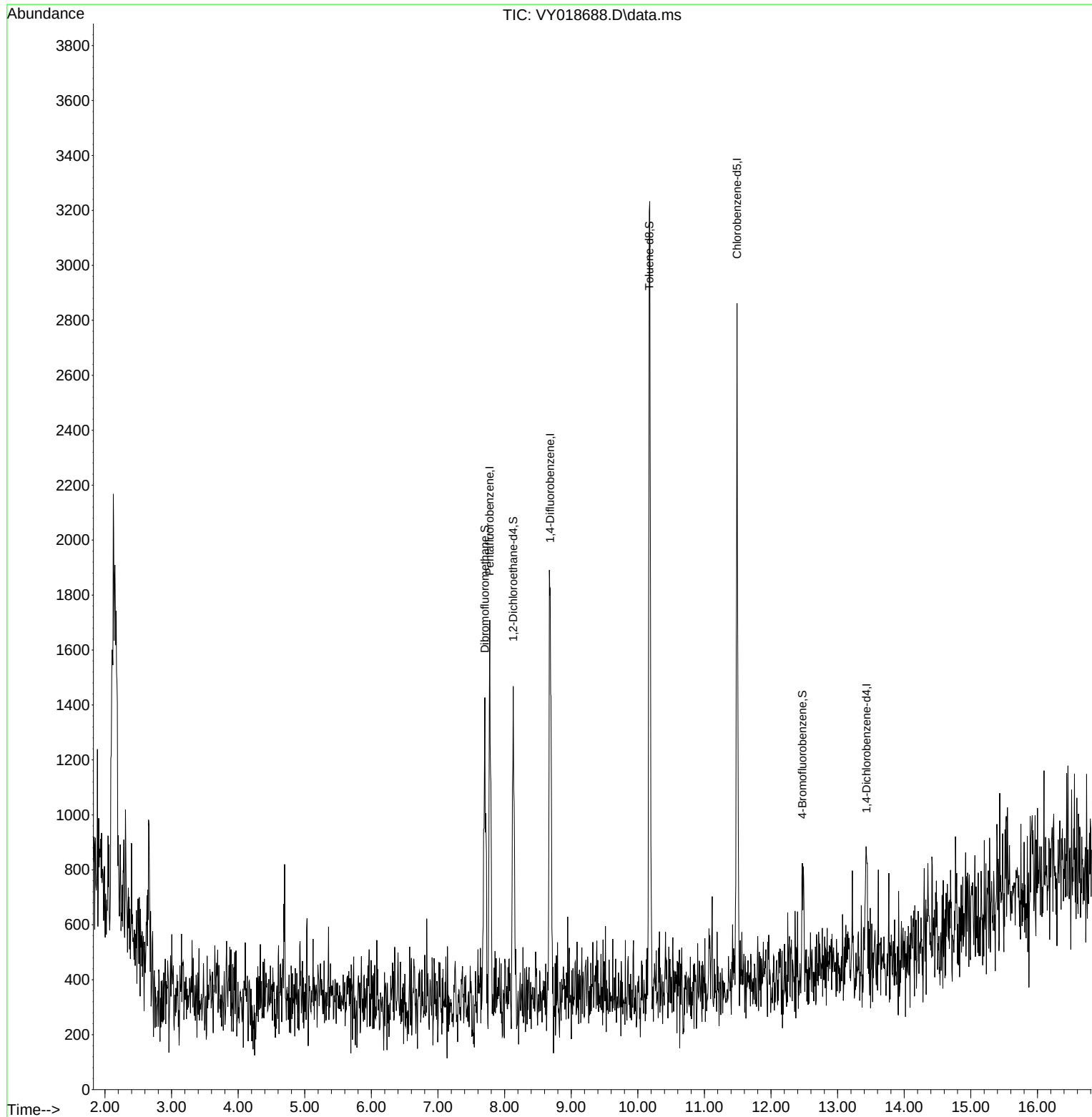
Target Compounds	Qvalue

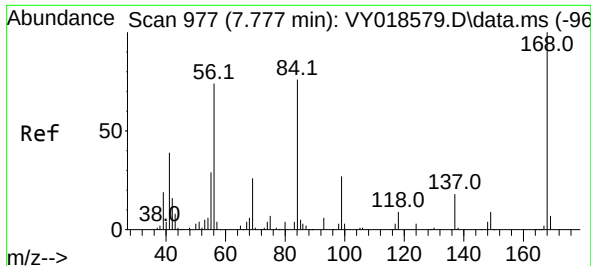
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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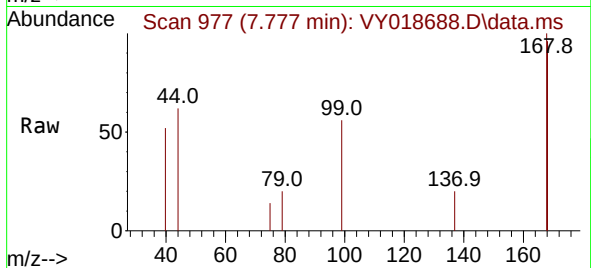
Quant Time: Jun 26 02:37:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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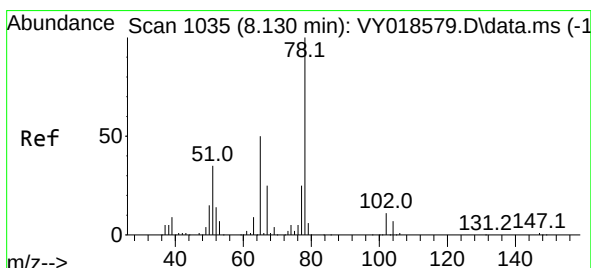
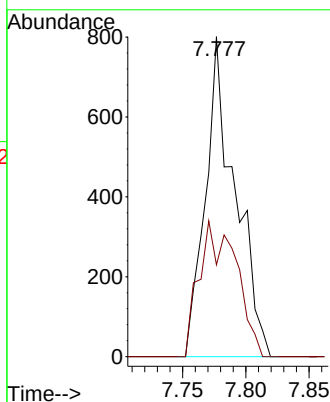
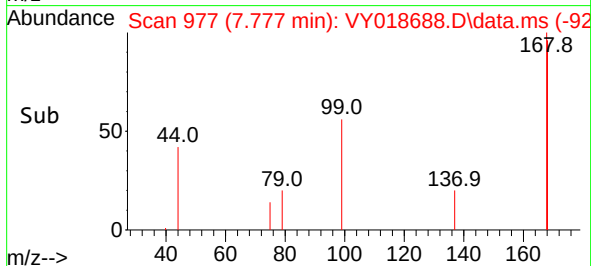


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-006RE

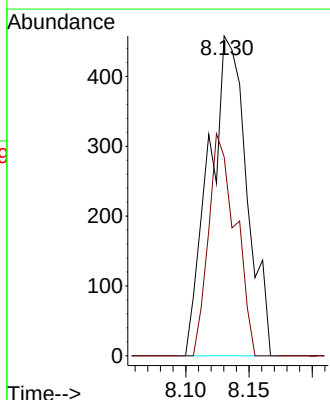
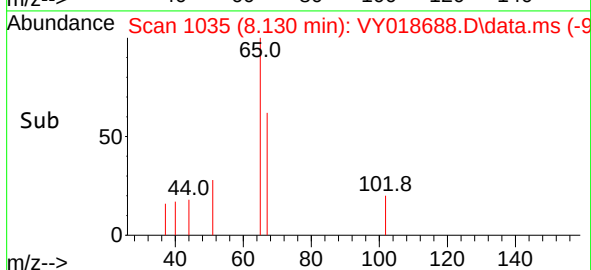
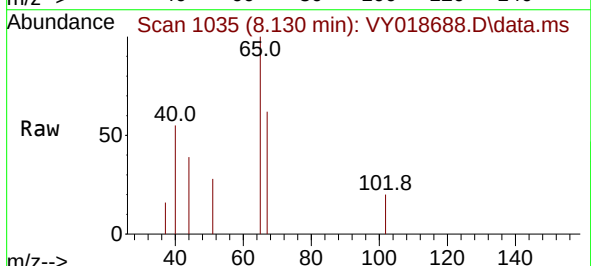


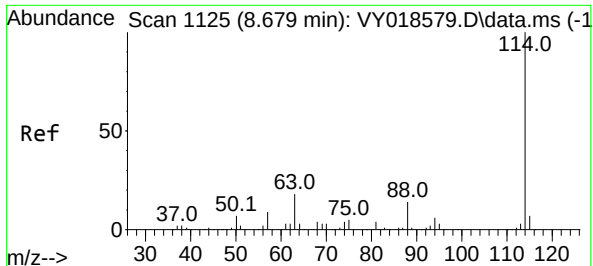
Tgt Ion:168 Resp: 1306
Ion Ratio Lower Upper
168 100
99 28.7 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 72.403 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion: 65 Resp: 952
Ion Ratio Lower Upper
65 100
67 49.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018688.D

Acq: 25 Jun 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

ARS20-006RE

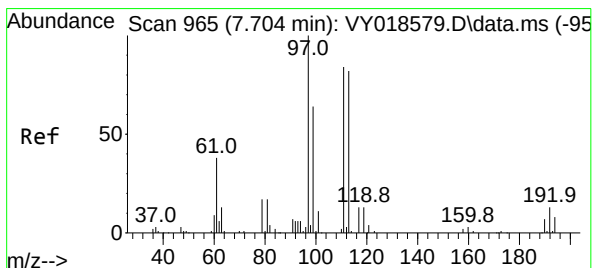
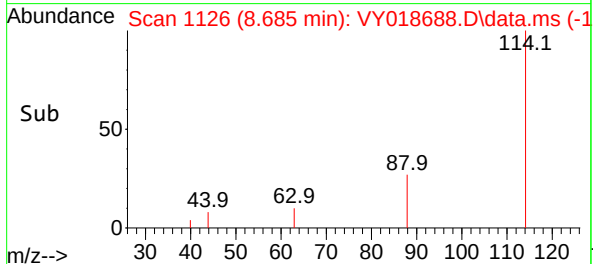
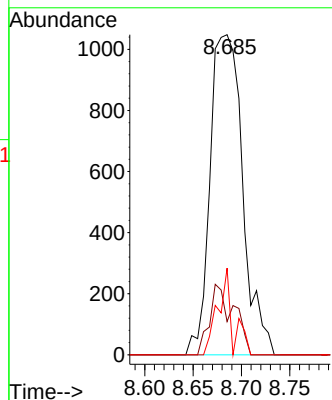
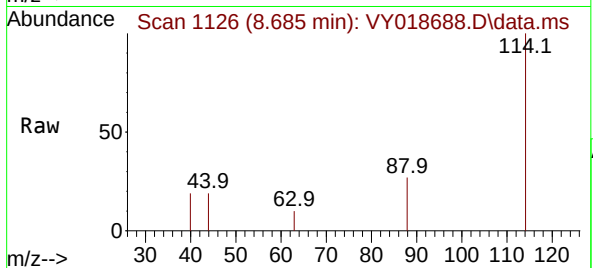
Tgt Ion:114 Resp: 2457

Ion Ratio Lower Upper

114 100

63 10.4 0.0 35.0

88 27.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 53.376 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018688.D

Acq: 25 Jun 2024 15:06

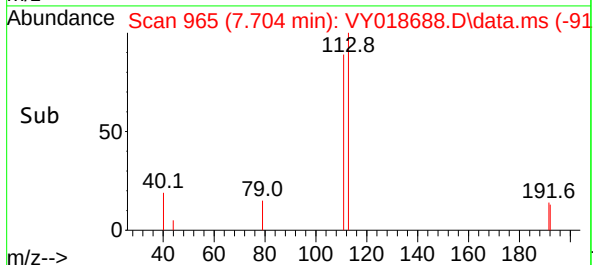
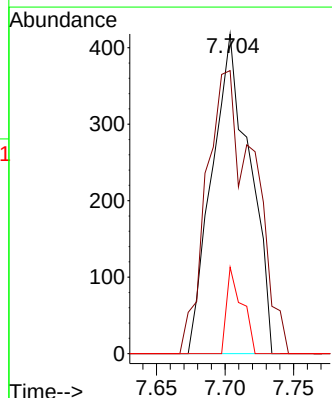
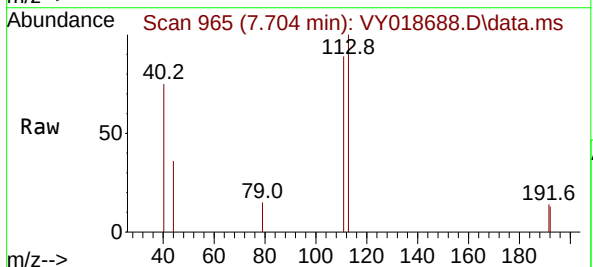
Tgt Ion:113 Resp: 800

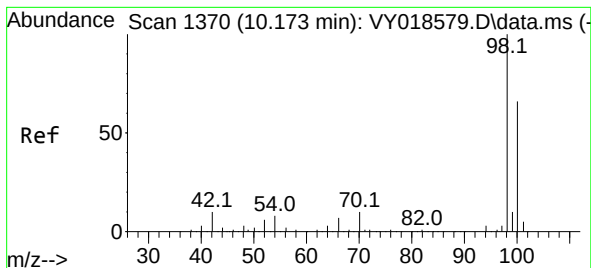
Ion Ratio Lower Upper

113 100

111 111.3 82.2 123.4

192 11.1 15.9 23.9#

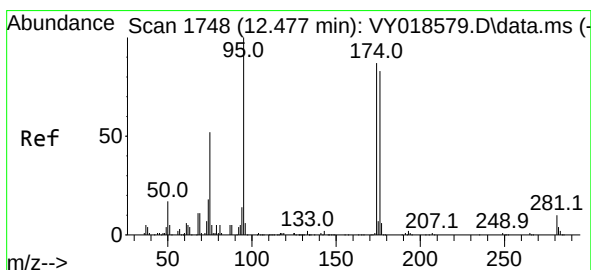
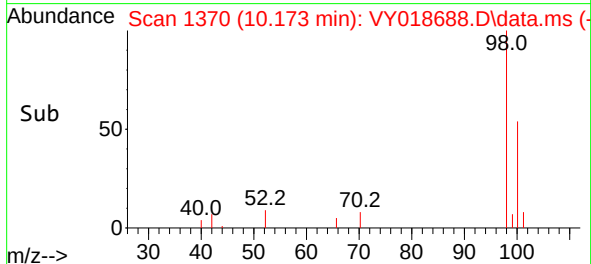
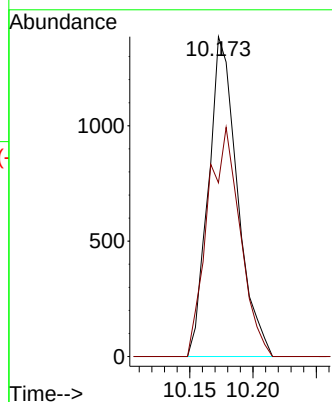
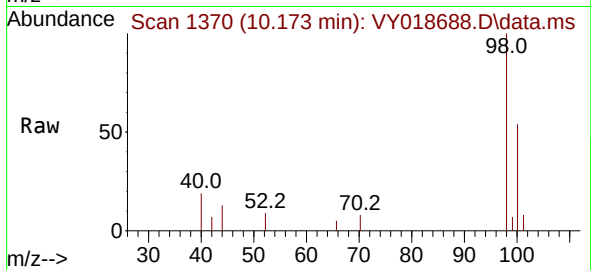




#50
Toluene-d8
Concen: 38.342 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

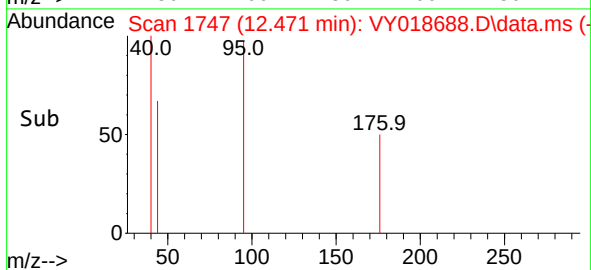
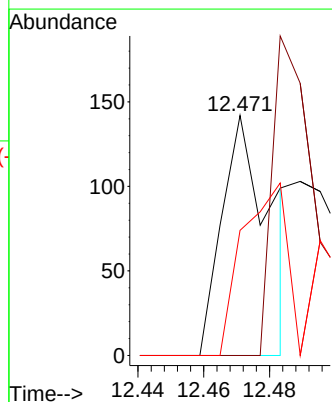
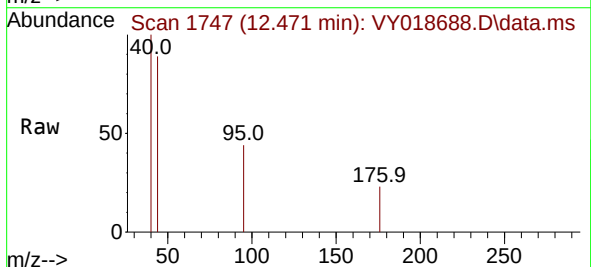
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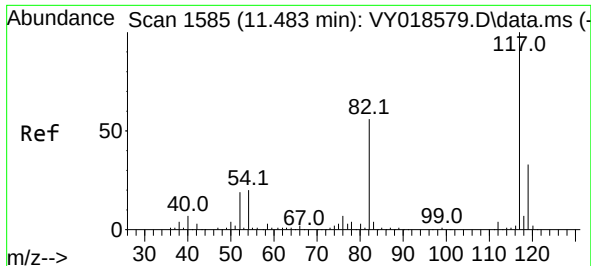
Tgt Ion: 98 Resp: 2210
Ion Ratio Lower Upper
98 100
100 80.7 52.0 78.0#



#62
4-Bromofluorobenzene
Concen: 7.912 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.006 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion: 95 Resp: 144
Ion Ratio Lower Upper
95 100
174 119.4 0.0 175.6
176 66.0 0.0 171.4

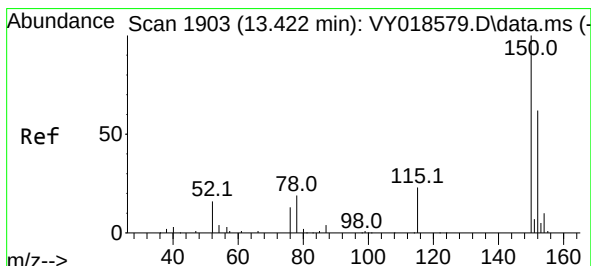
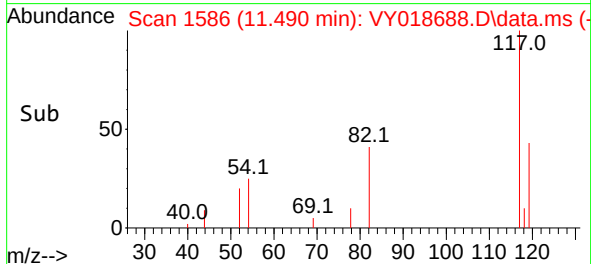
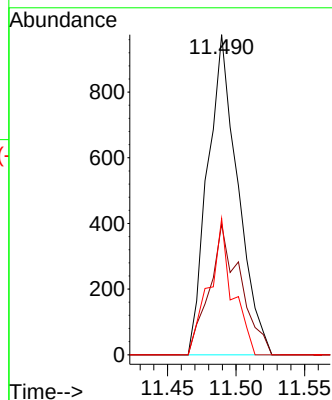
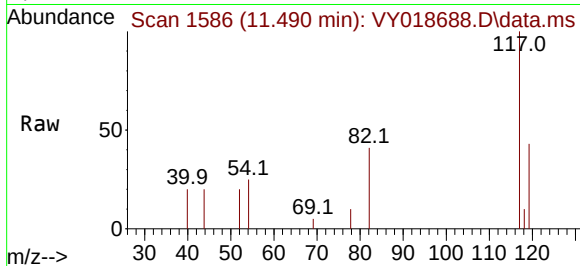




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :
ARS20-006RE

Tgt Ion:117 Resp: 1487
Ion Ratio Lower Upper
117 100
82 40.8 42.4 63.6#
119 42.6 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY018688.D
Acq: 25 Jun 2024 15:06

Tgt Ion:152 Resp: 129
Ion Ratio Lower Upper
152 100
115 48.8 28.2 84.7
150 379.8 0.0 345.6#

