

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010066.D
 Acq On : 17 Aug 2022 14:18
 Operator : KP/MD
 Sample : N4191-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-367

Quant Time: Aug 18 08:19:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

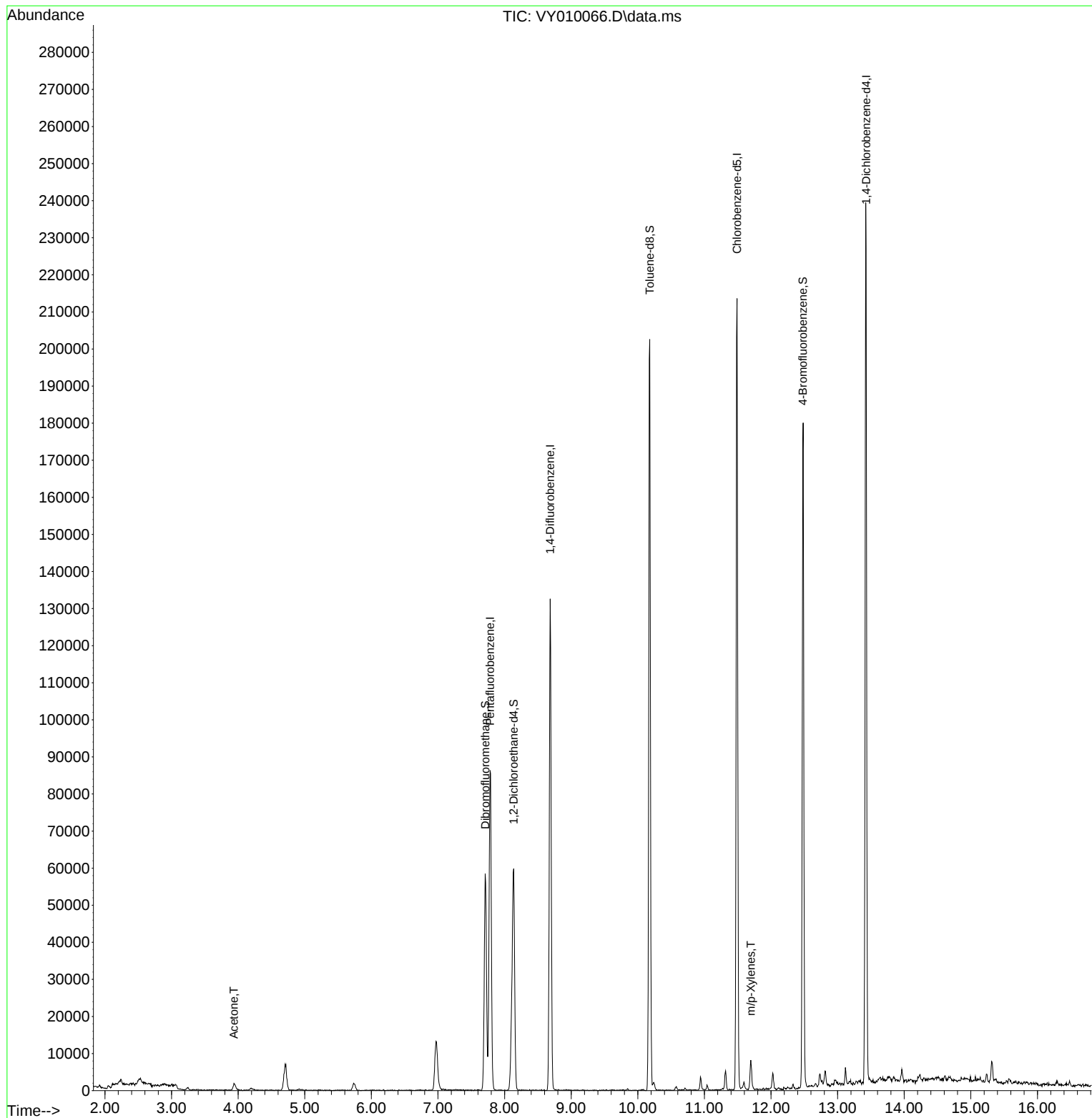
Internal Standards						
1) Pentafluorobenzene	7.783	168	73087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	115688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	120979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40676	55.662	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.320%
35) Dibromofluoromethane	7.710	113	39958	53.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.520%
50) Toluene-d8	10.179	98	134801	48.565	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.477	95	52677	54.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.060%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	3339	21.332	ug/l	# 89
68) m/p-Xylenes	11.697	106	2392	1.424	ug/l	100

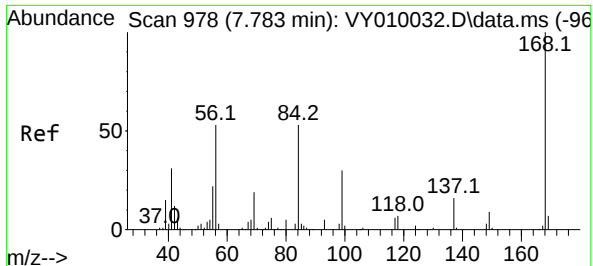
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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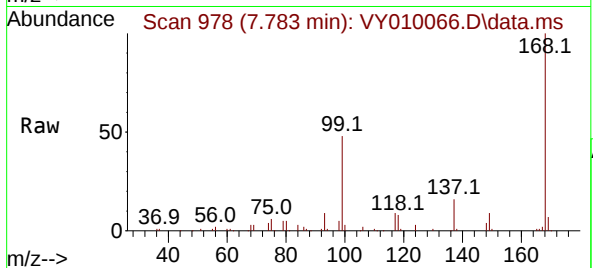
Quant Time: Aug 18 08:19:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
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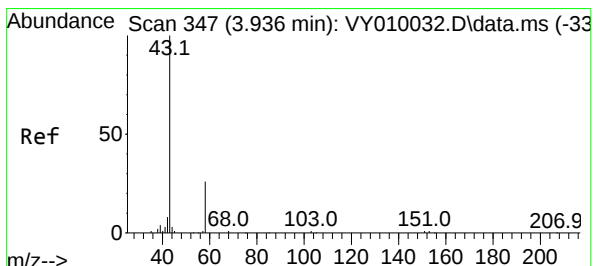
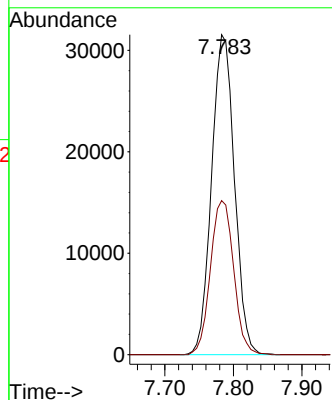
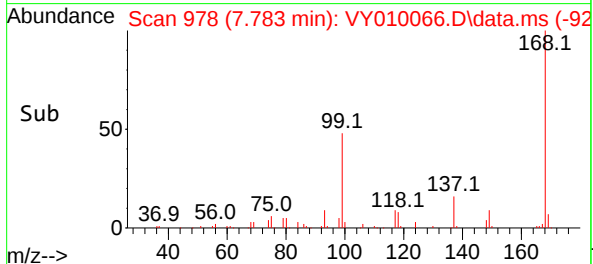


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Instrument :
MSVOA_Y
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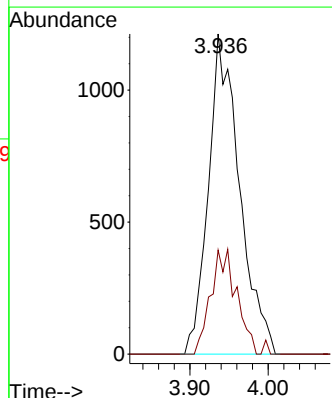
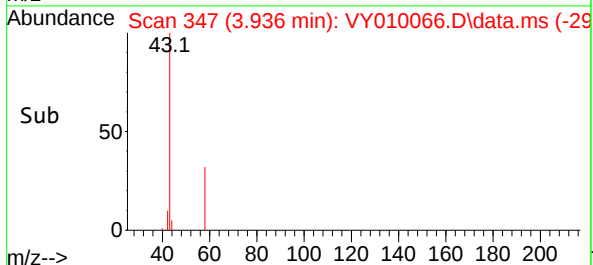
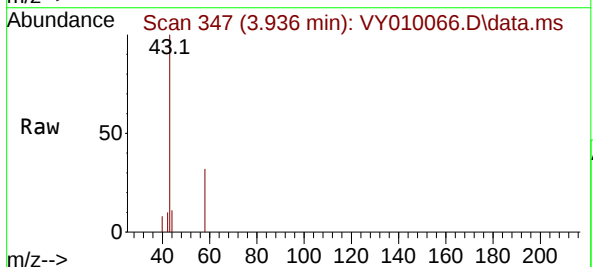


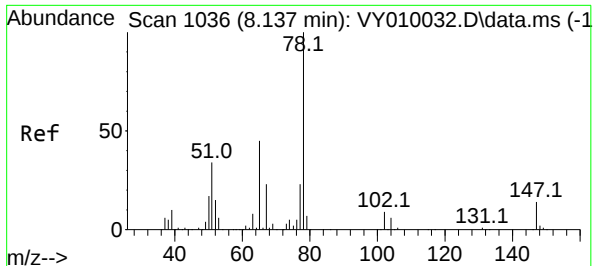
Tgt Ion:168 Resp: 73087
Ion Ratio Lower Upper
168 100
99 48.1 37.7 56.5



#16
Acetone
Concen: 21.332 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 43 Resp: 3339
Ion Ratio Lower Upper
43 100
58 32.5 21.4 32.0#





#33

1,2-Dichloroethane-d4

Concen: 55.662 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

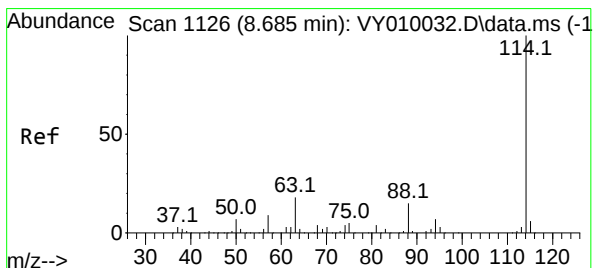
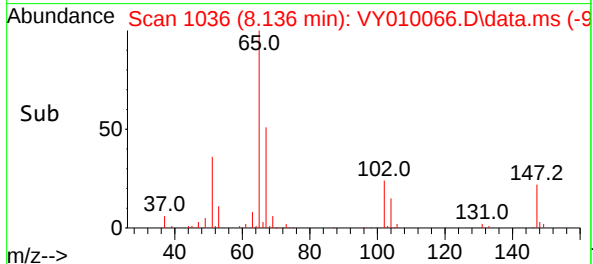
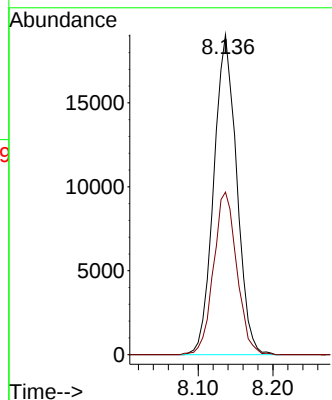
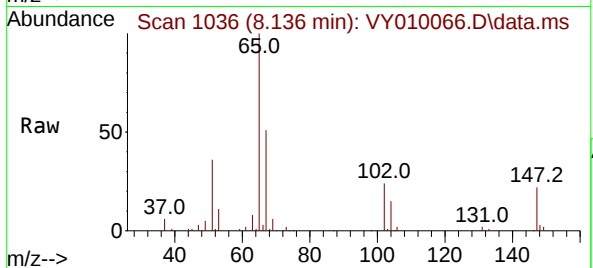
RO-367

Tgt Ion: 65 Resp: 40676

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010066.D

Acq: 17 Aug 2022 14:18

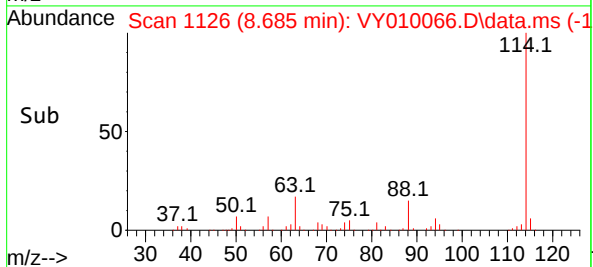
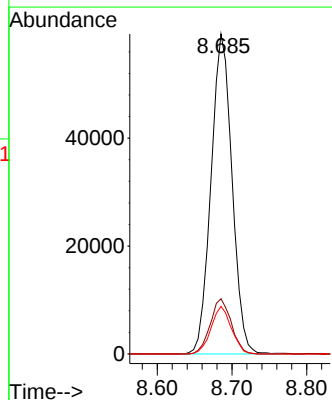
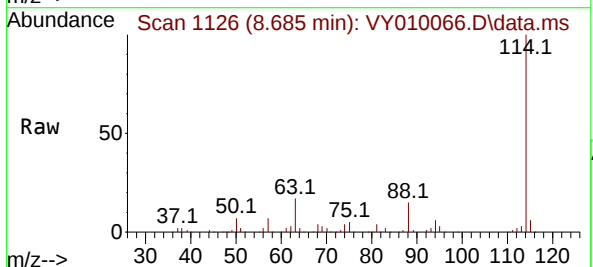
Tgt Ion: 114 Resp: 115688

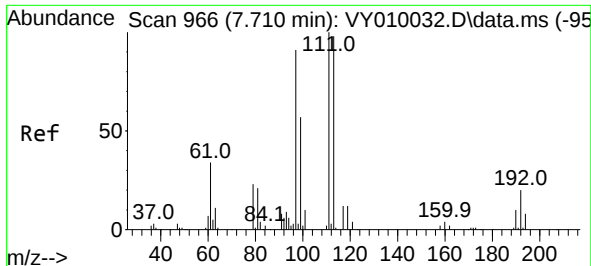
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.2

88 14.8 0.0 30.2

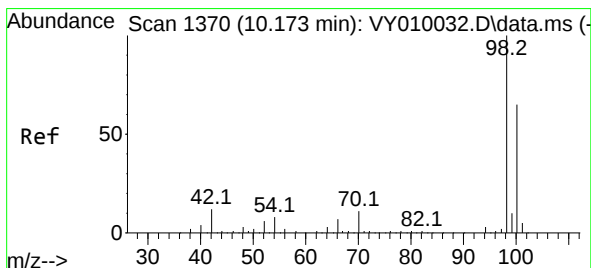
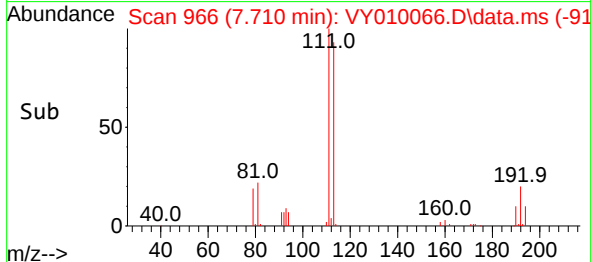
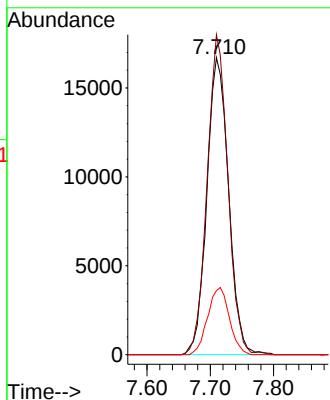
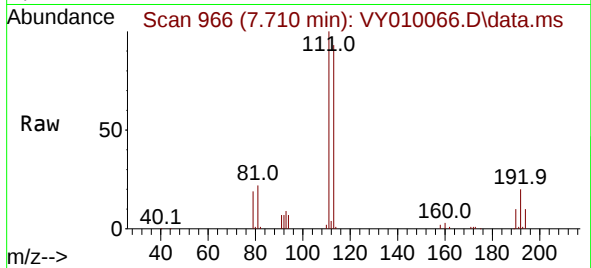




#35
 Dibromofluoromethane
 Concen: 53.261 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010066.D
 Acq: 17 Aug 2022 14:18

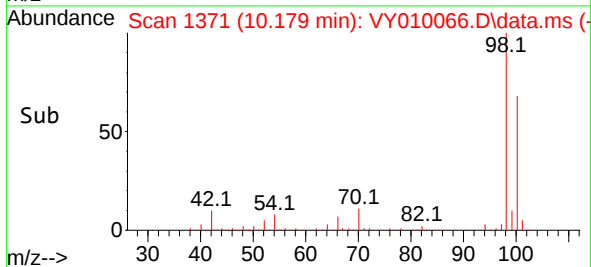
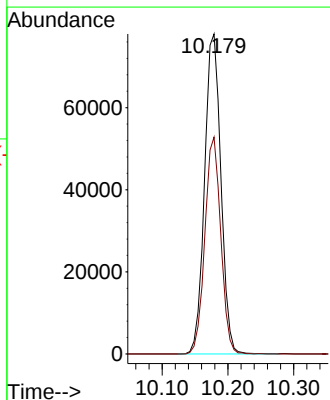
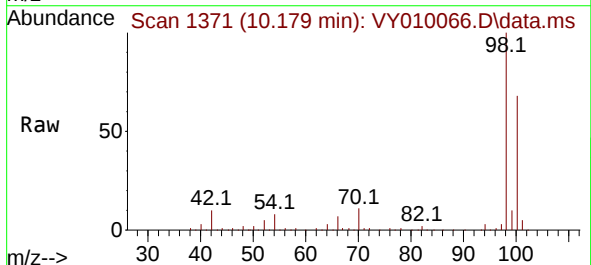
Instrument :
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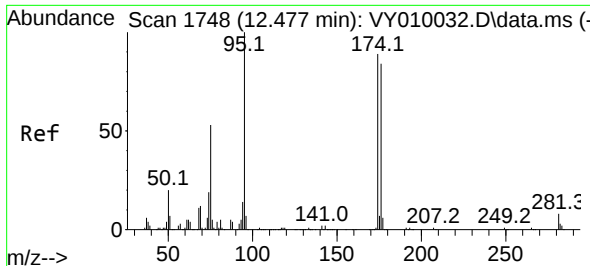
Tgt Ion:113	Resp:	39958
Ion	Ratio	Lower Upper
113	100	
111	102.7	82.7 124.1
192	22.5	17.2 25.8



#50
 Toluene-d8
 Concen: 48.565 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010066.D
 Acq: 17 Aug 2022 14:18

Tgt Ion: 98	Resp:	134801
Ion	Ratio	Lower Upper
98	100	
100	65.9	52.1 78.1

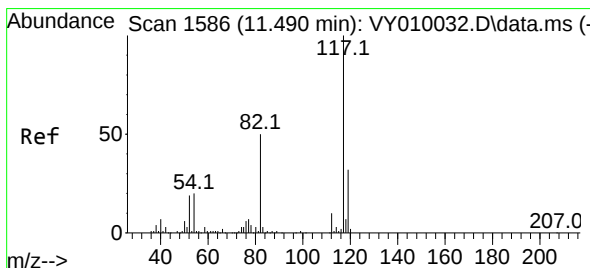
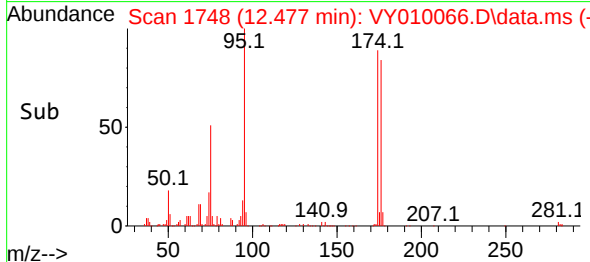
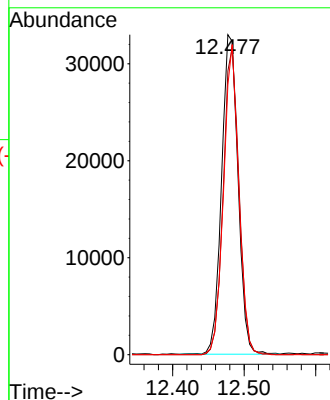
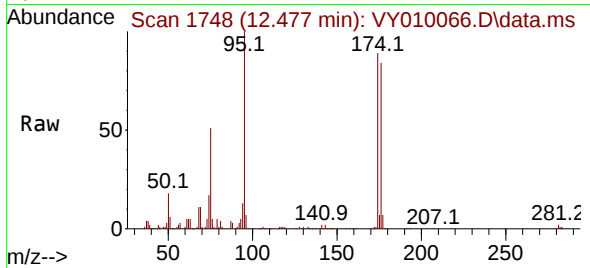




#62
4-Bromofluorobenzene
Concen: 54.032 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

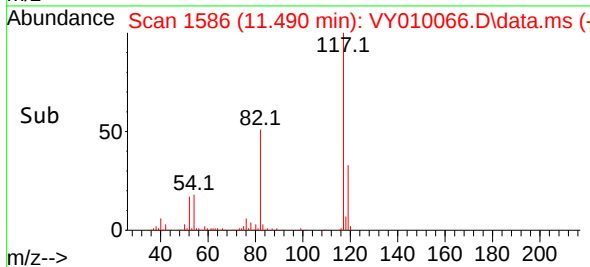
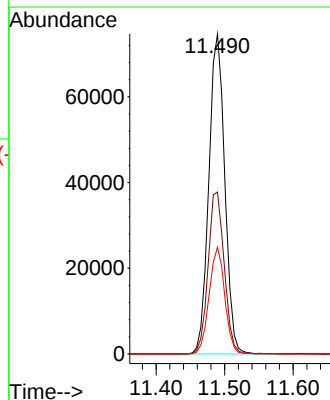
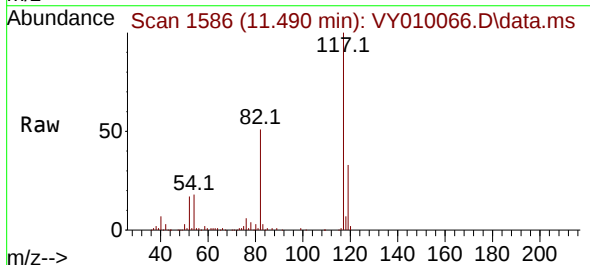
Instrument :
MSVOA_Y
ClientSampleId :
RO-367

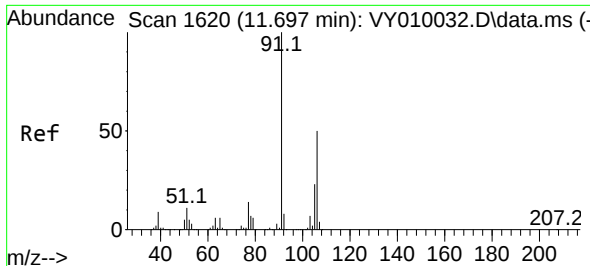
Tgt Ion: 95 Resp: 52677
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.2
176 90.0 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion: 117 Resp: 120979
Ion Ratio Lower Upper
117 100
82 50.6 39.8 59.6
119 33.4 25.6 38.4

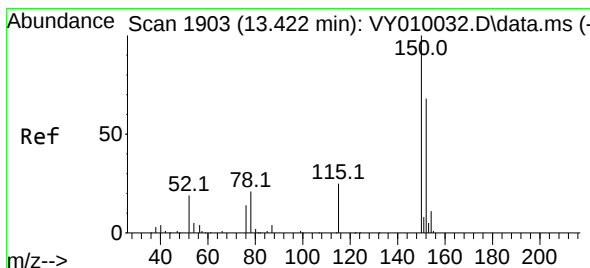
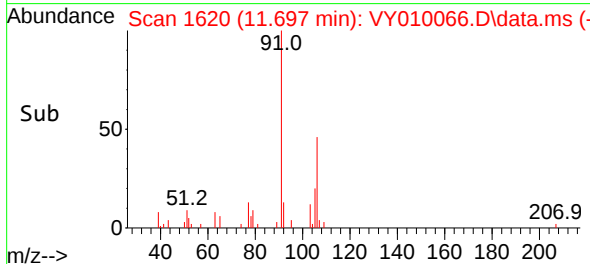
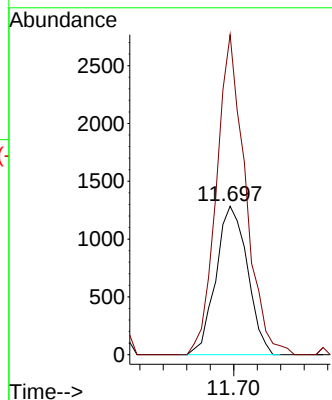
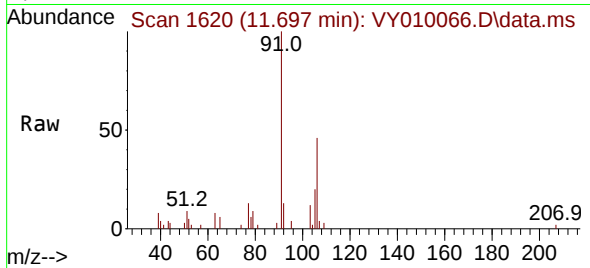




#68
m/p-Xylenes
Concen: 1.424 ug/l
RT: 11.697 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
RO-367

Tgt Ion:106 Resp: 2392
Ion Ratio Lower Upper
106 100
91 198.4 158.2 237.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010066.D
Acq: 17 Aug 2022 14:18

Tgt Ion:152 Resp: 62393
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.3
150 158.6 0.0 346.6

