

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007847.D
 Acq On : 11 Mar 2022 12:19
 Operator : SY/MD
 Sample : N1853-03
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2B-BASE-01

Quant Time: Mar 11 23:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

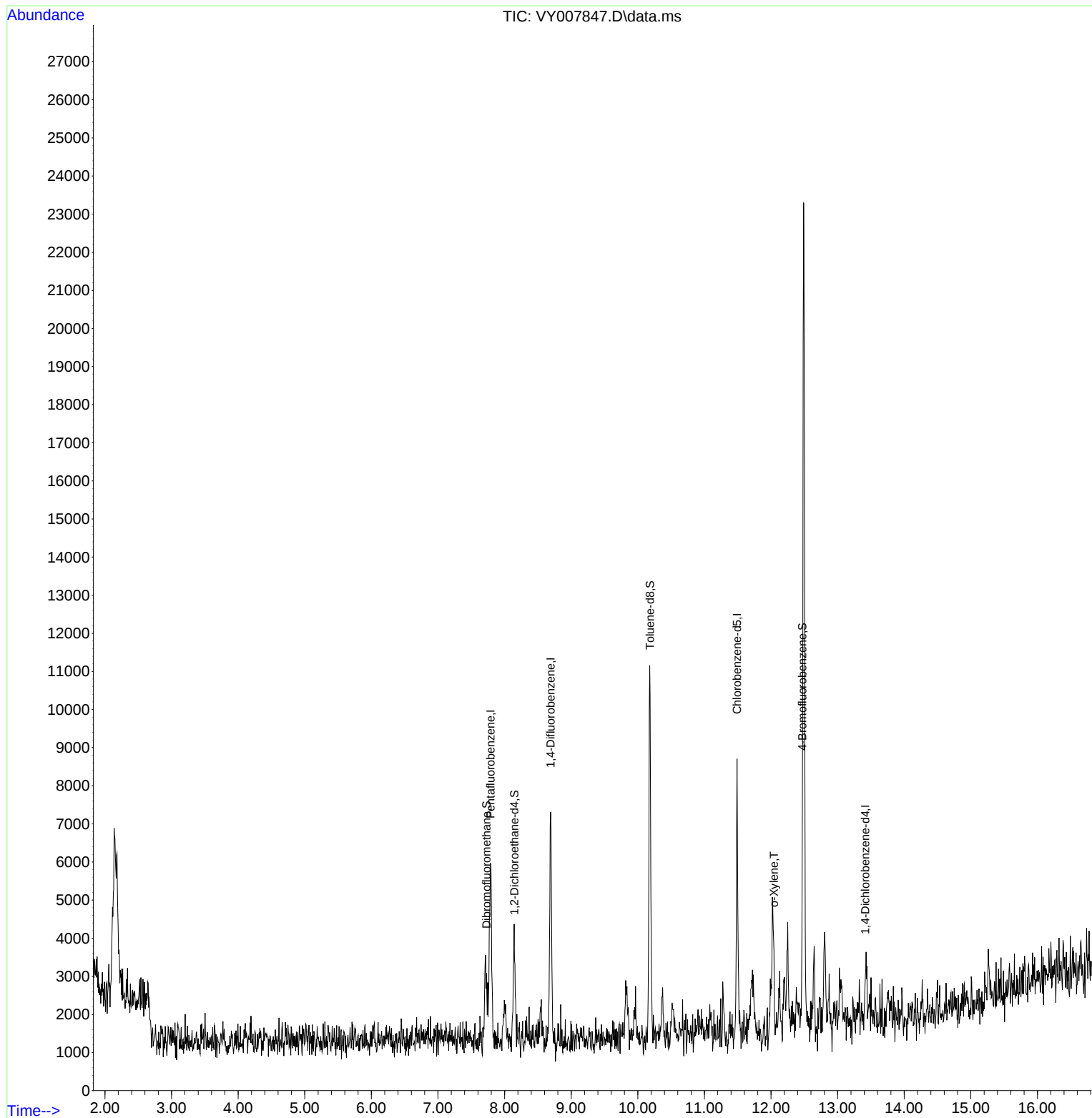
Internal Standards						
1) Pentafluorobenzene	7.789	168	3399	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	4880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3140	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.416	152	540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1852	52.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.100%	
35) Dibromofluoromethane	7.728	113	1626	52.116	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.240%	
50) Toluene-d8	10.185	98	5118	44.564	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.120%	
62) 4-Bromofluorobenzene	12.471	95	1177	31.794	ug/l	-0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.580%	
Target Compounds						
69) o-Xylene	12.044	106	946	21.089	ug/l	Qvalue 97

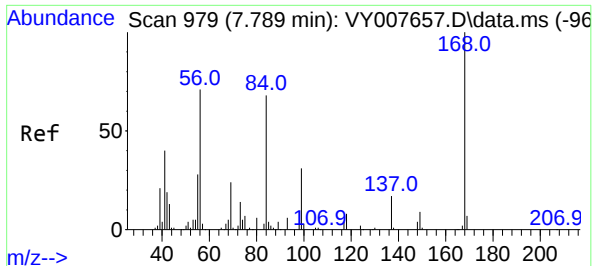
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY007847.D

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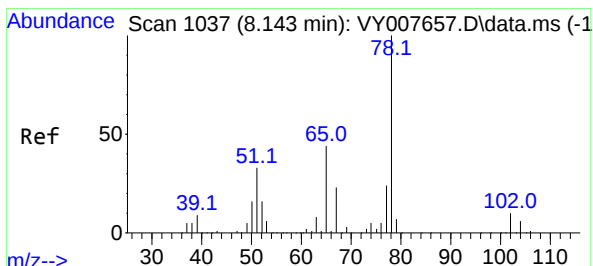
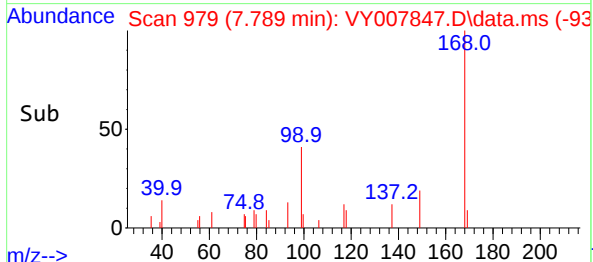
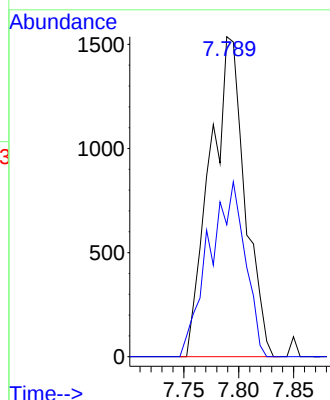
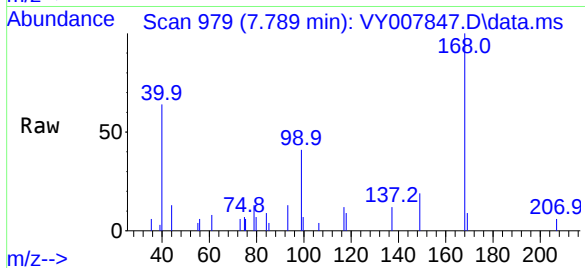
SR-EX2B-BASE-01

Tgt Ion:168 Resp: 3399

Ion Ratio Lower Upper

168 100

99 41.2 46.9 70.3#



1,2-Dichloroethane-d4

Concen: 52.045 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY007847.D

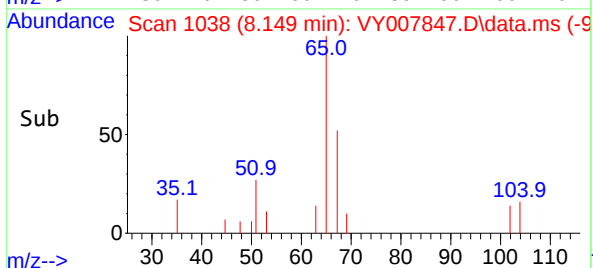
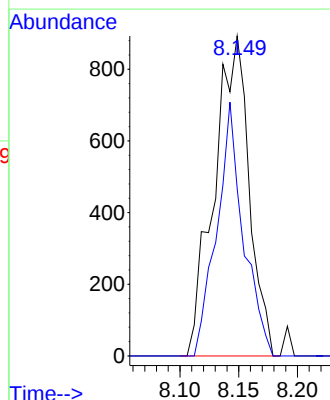
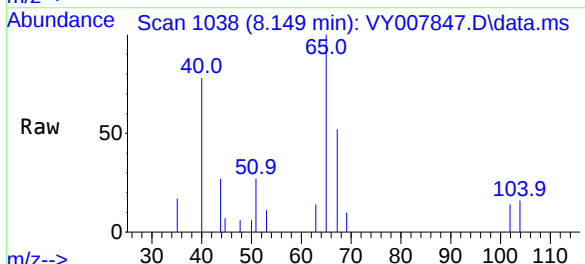
Acq: 11 Mar 2022 12:19

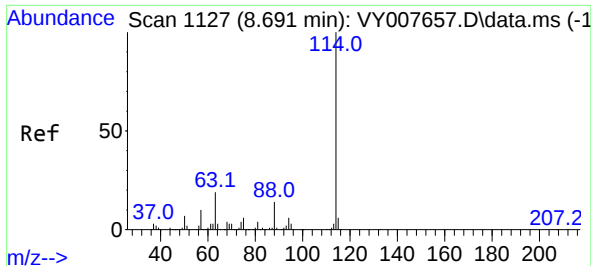
Tgt Ion: 65 Resp: 1852

Ion Ratio Lower Upper

65 100

67 59.9 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: VY007847.D

Acq: 11 Mar 2022 12:19

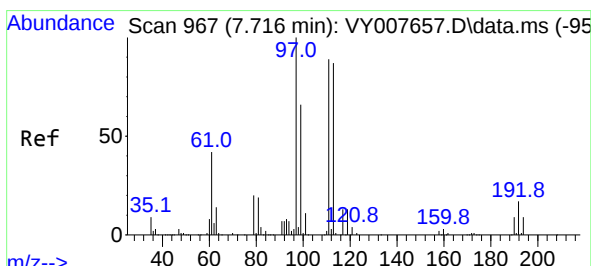
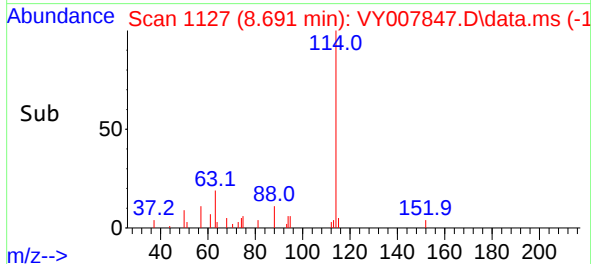
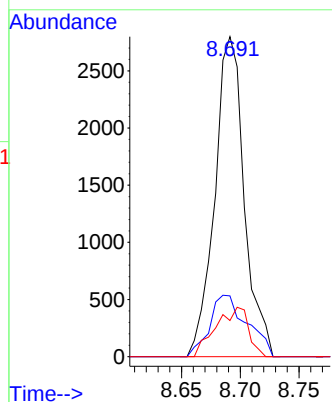
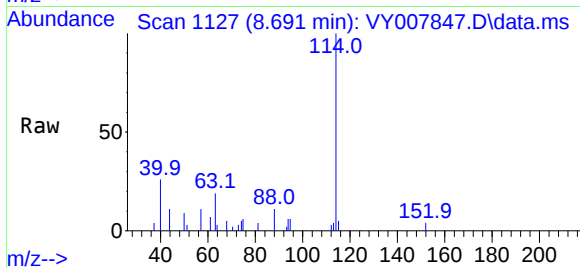
Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2B-BASE-01

Tgt Ion:	114	Resp:	4880
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	11.3	0.0	31.8



#35

Dibromofluoromethane

Concen: 52.116 ug/l

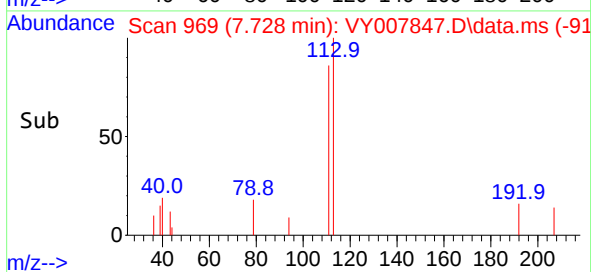
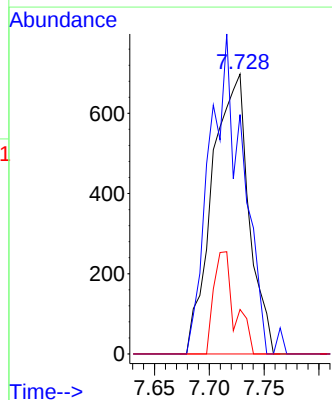
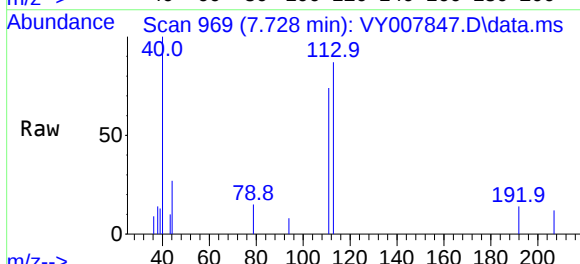
RT: 7.728 min Scan# 969

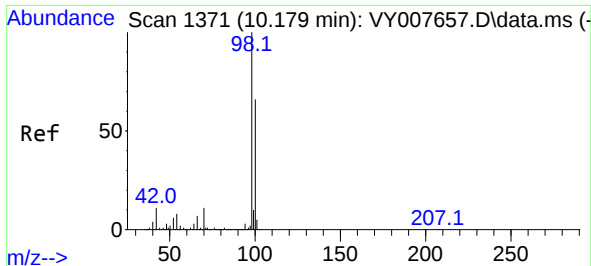
Delta R.T. 0.012 min

Lab File: VY007847.D

Acq: 11 Mar 2022 12:19

Tgt Ion:	113	Resp:	1626
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	20.8	17.6	26.4

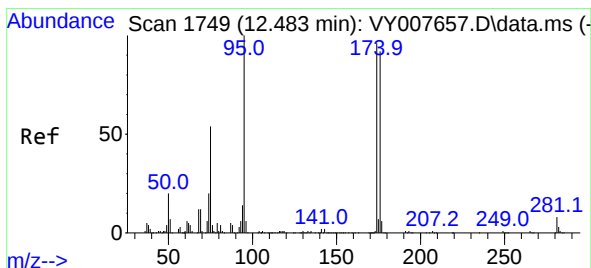
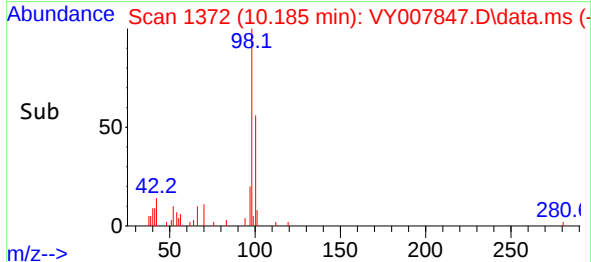
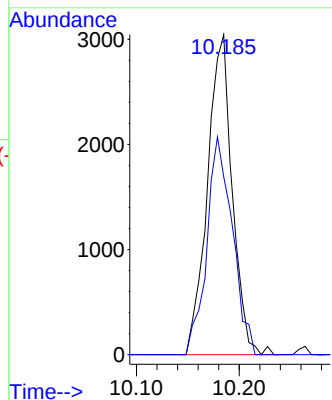
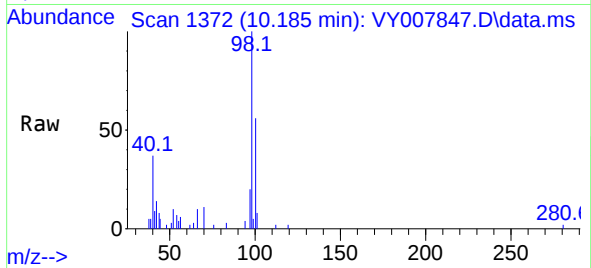




#50
Toluene-d8
Concen: 44.564 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007847.D
Acq: 11 Mar 2022 12:19

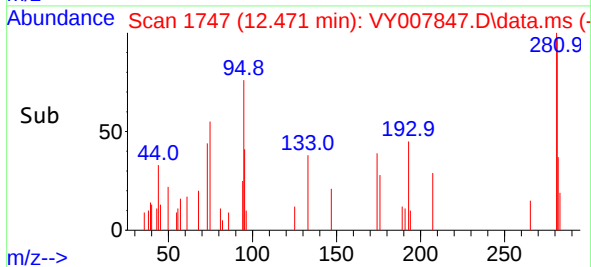
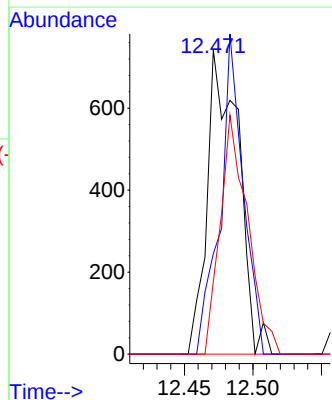
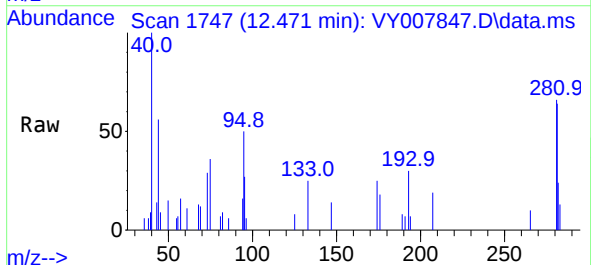
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2B-BASE-01

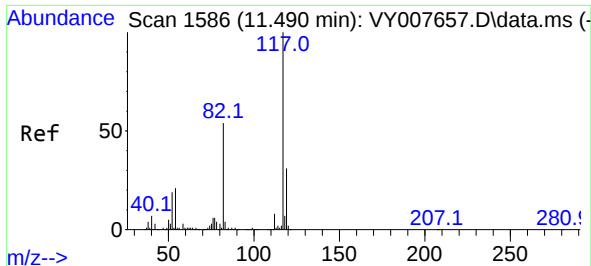
Tgt Ion: 98 Resp: 5118
Ion Ratio Lower Upper
98 100
100 70.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 31.794 ug/l
RT: 12.471 min Scan# 1747
Delta R.T. -0.012 min
Lab File: VY007847.D
Acq: 11 Mar 2022 12:19

Tgt Ion: 95 Resp: 1177
Ion Ratio Lower Upper
95 100
174 77.7 0.0 177.0
176 69.2 0.0 175.8

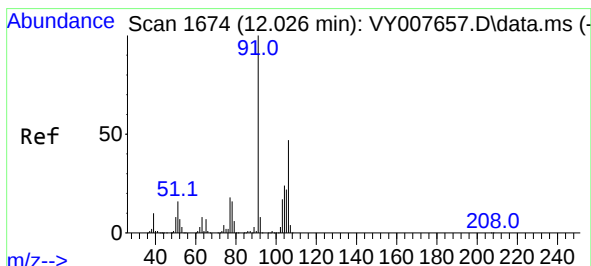
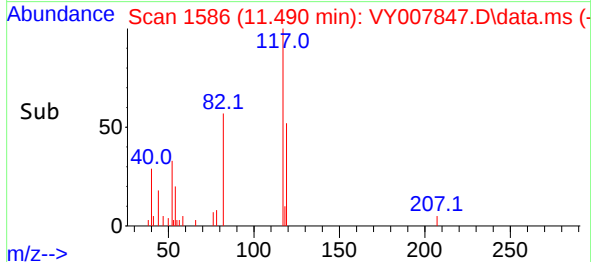
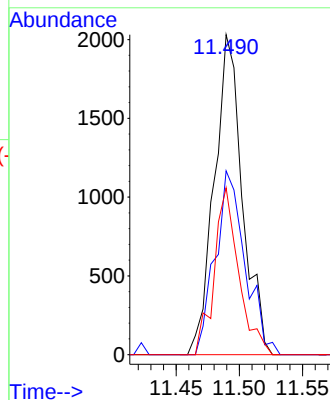
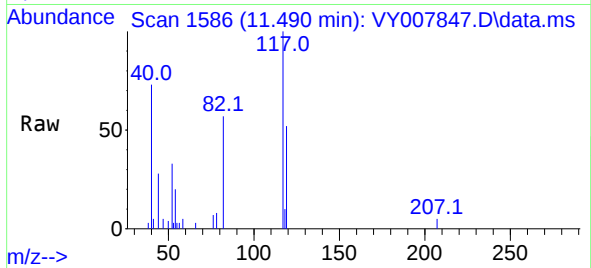




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY007847.D
Acq: 11 Mar 2022 12:19

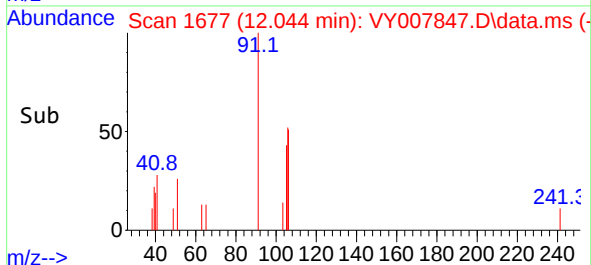
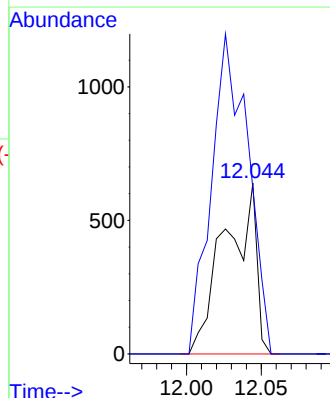
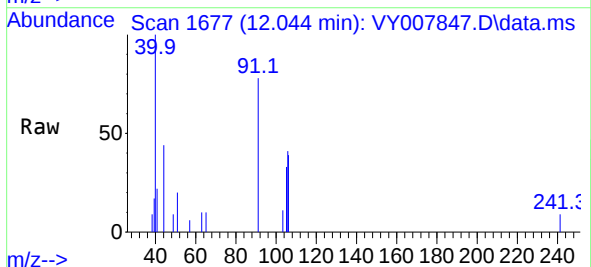
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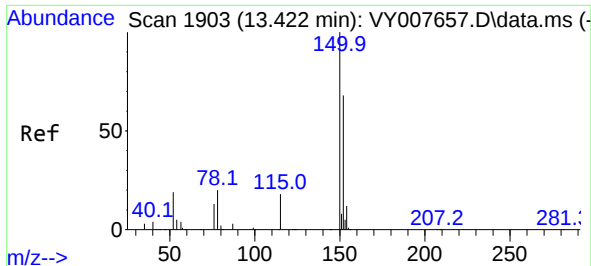
Tgt Ion:	117	Resp:	3140
Ion	Ratio	Lower	Upper
117	100		
82	57.5	43.0	64.4
119	52.1	25.4	38.0



#69
o-Xylene
Concen: 21.089 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.018 min
Lab File: VY007847.D
Acq: 11 Mar 2022 12:19

Tgt Ion:	106	Resp:	946
Ion	Ratio	Lower	Upper
106	100		
91	216.0	110.3	331.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.416 min Scan# 1902
 Delta R.T. -0.006 min
 Lab File: VY007847.D
 Acq: 11 Mar 2022 12:19

Instrument : MSVOA_Y
 ClientSampleId : SR-EX2B-BASE-01

Tgt Ion:152	Resp:	540
Ion	Ratio	Lower Upper
152	100	
115	51.9	28.2 84.7
150	205.0	0.0 347.6

