

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
 Data File : VY007846.D
 Acq On : 11 Mar 2022 11:56
 Operator : SY/MD
 Sample : N1853-02
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-02

Quant Time: Mar 11 23:20:31 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)

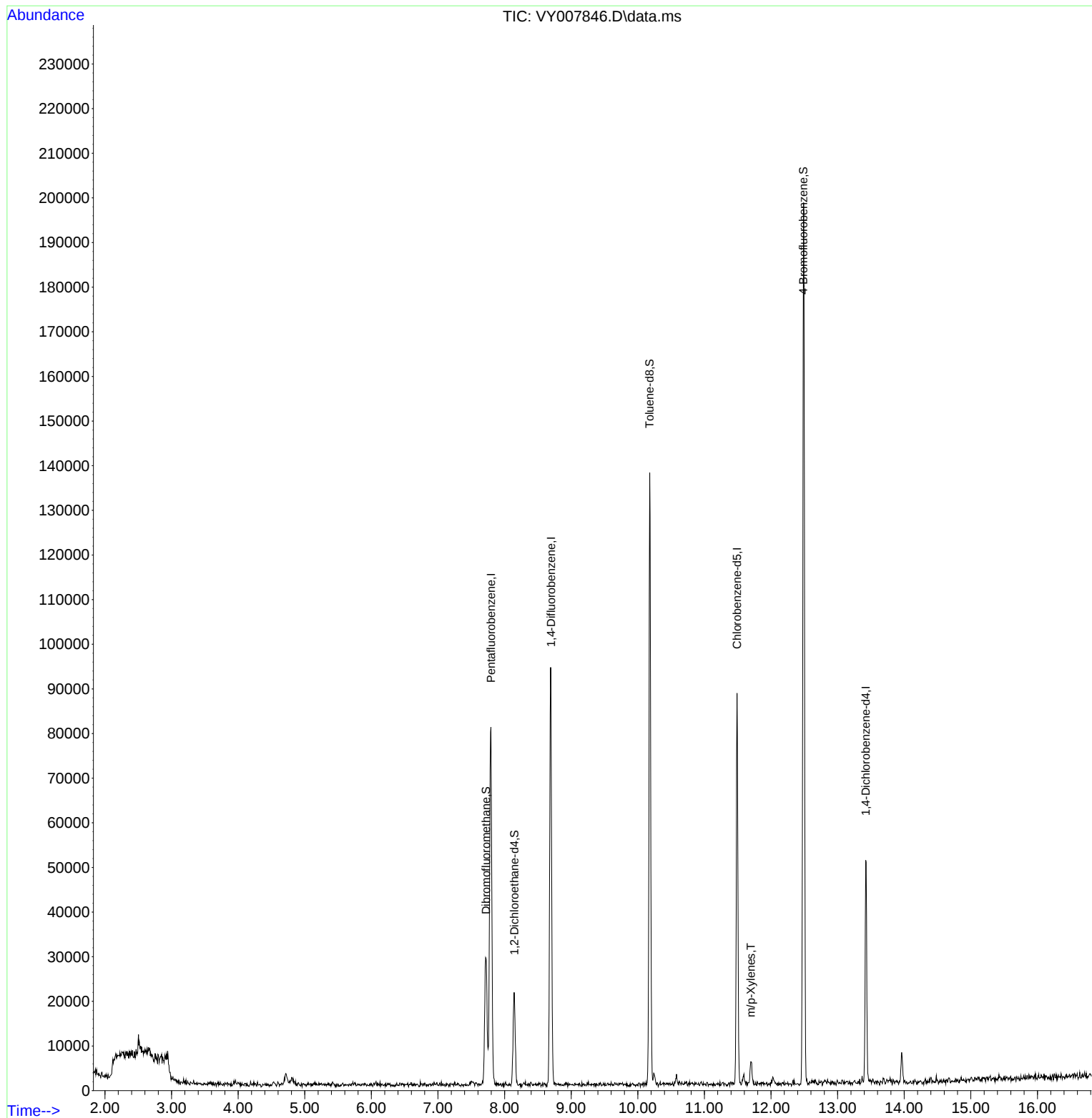
Internal Standards						
1) Pentafluorobenzene	7.795	168	60099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	76861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	15045	23.912	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	47.820%#
35) Dibromofluoromethane	7.722	113	20314	41.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.680%
50) Toluene-d8	10.179	98	85532	47.285	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.580%
62) 4-Bromofluorobenzene	12.483	95	12975	22.253	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	44.500%
Target Compounds						
68) m/p-Xylenes	11.697	106	1664	2.412	ug/l	Qvalue 94

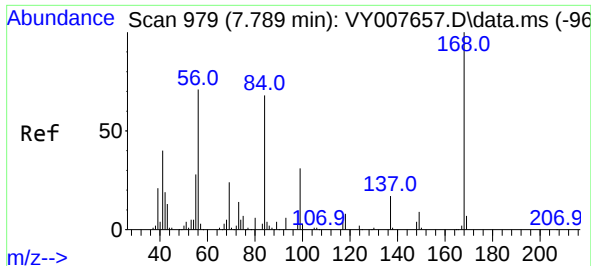
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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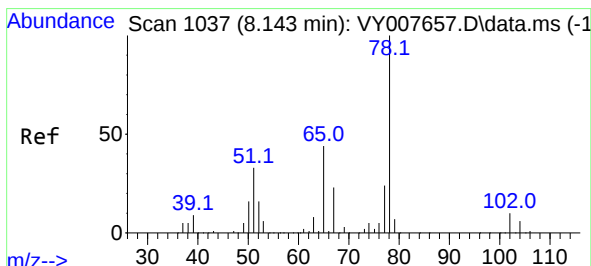
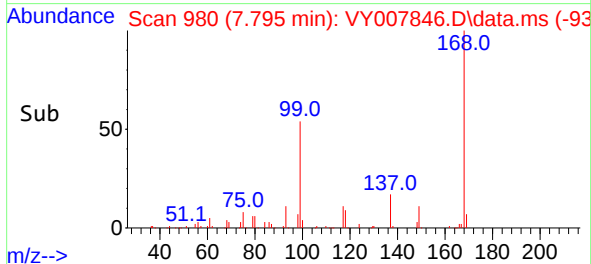
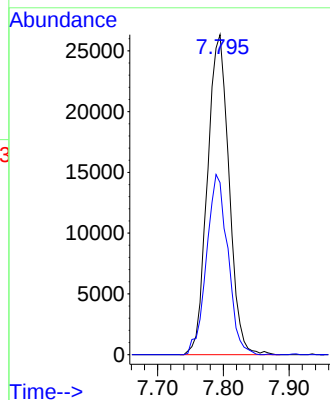
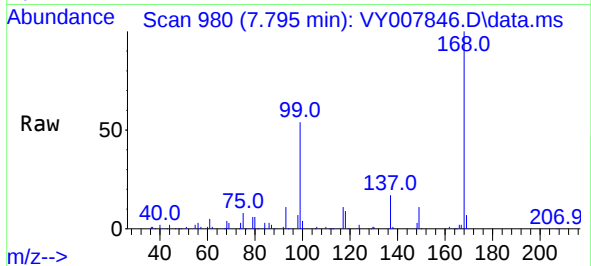




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

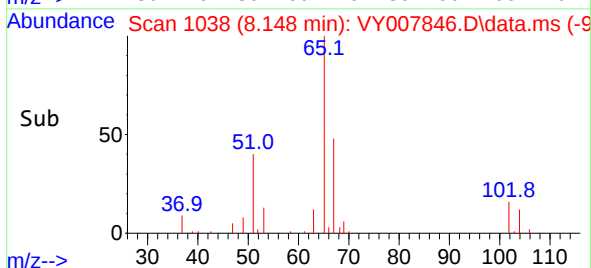
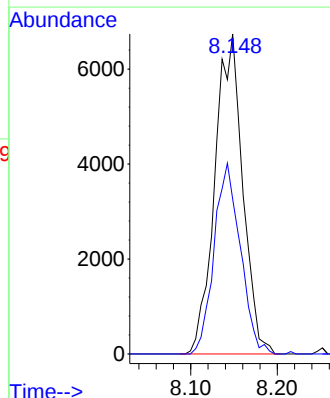
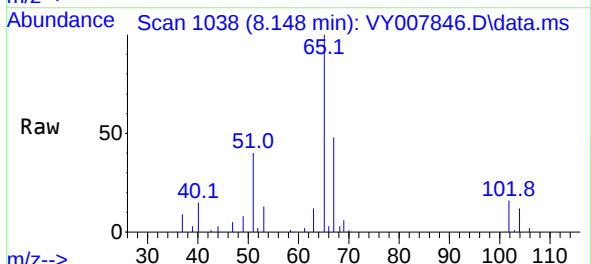
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

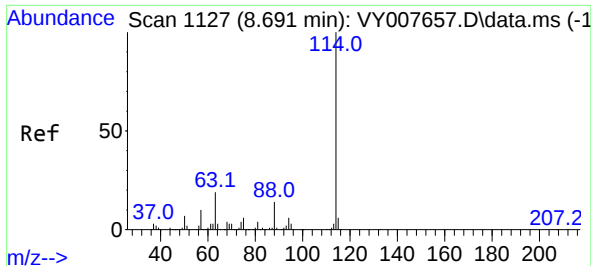
Tgt Ion:168 Resp: 60099
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 23.912 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 65 Resp: 15045
Ion Ratio Lower Upper
65 100
67 56.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007846.D

Acq: 11 Mar 2022 11:56

Instrument :

MSVOA_Y

ClientSampleId :

SR-EX2A-BASE-02

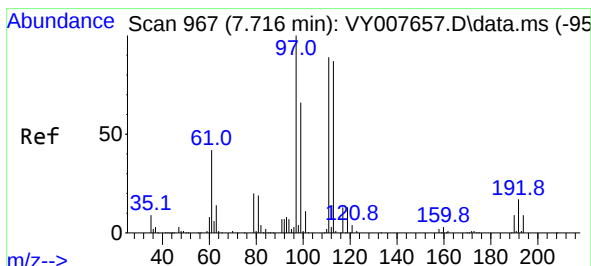
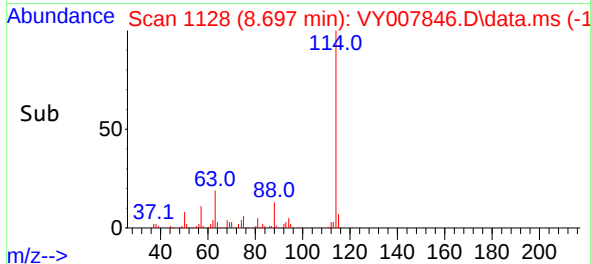
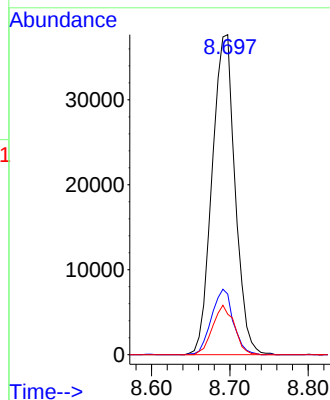
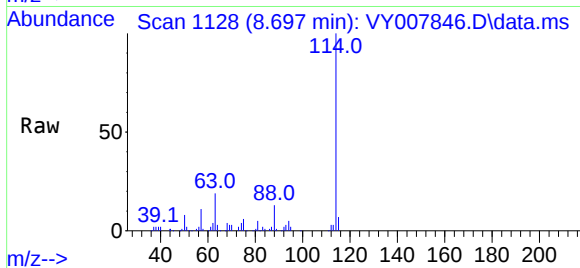
Tgt Ion:114 Resp: 76861

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 12.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 41.339 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007846.D

Acq: 11 Mar 2022 11:56

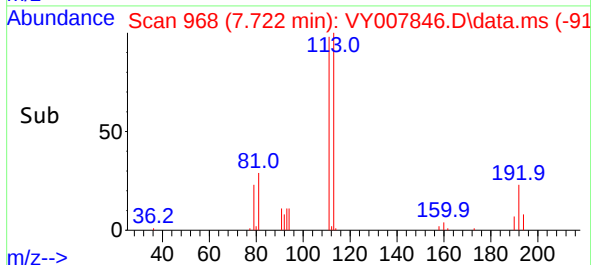
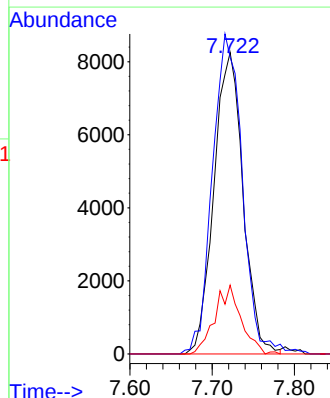
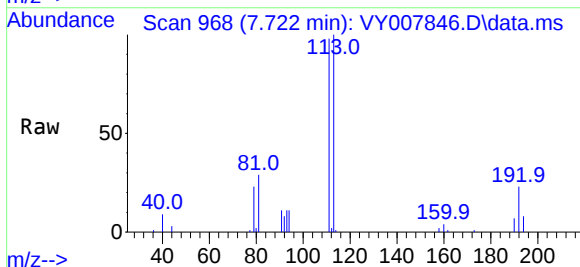
Tgt Ion:113 Resp: 20314

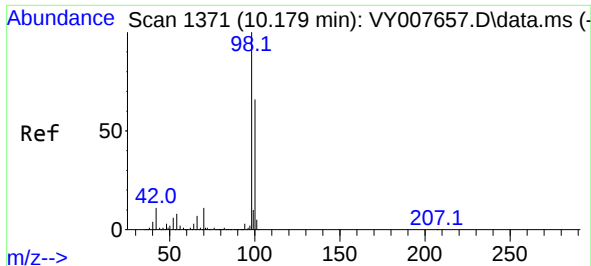
Ion Ratio Lower Upper

113 100

111 109.1 82.6 124.0

192 20.7 17.6 26.4

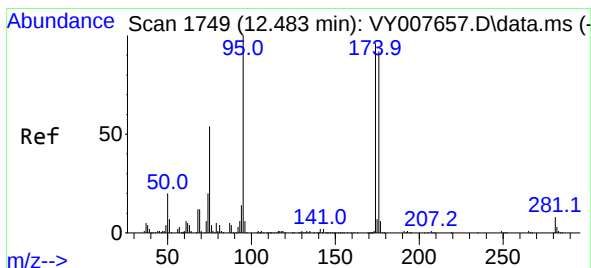
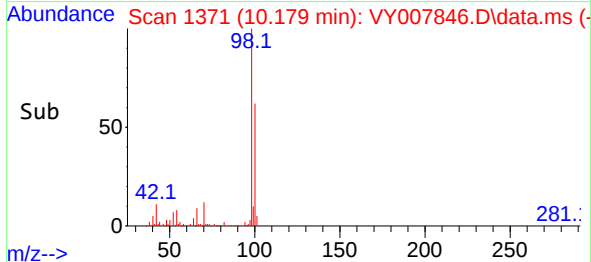
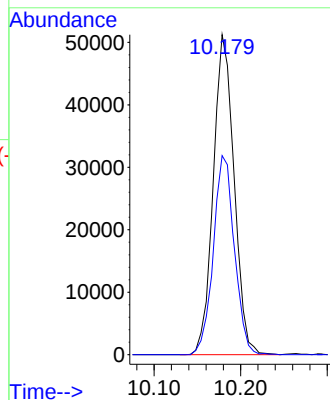
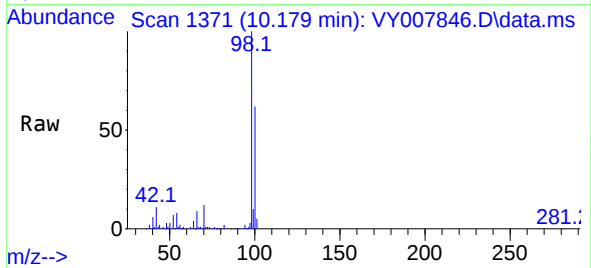




#50
Toluene-d8
Concen: 47.285 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

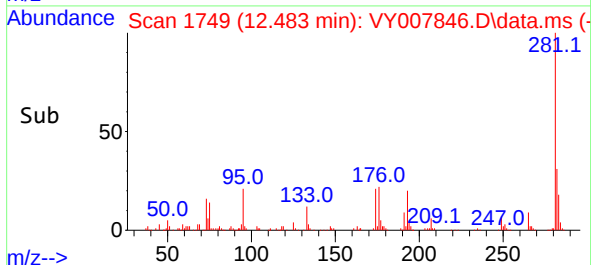
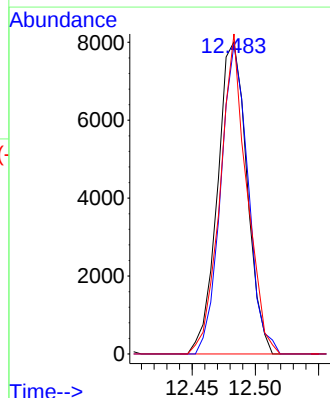
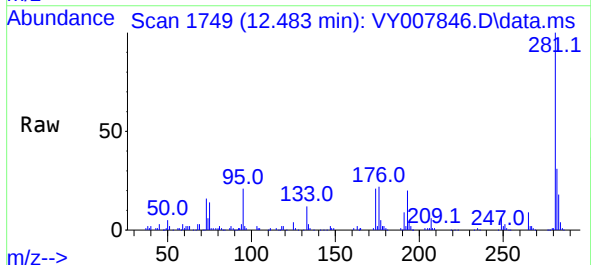
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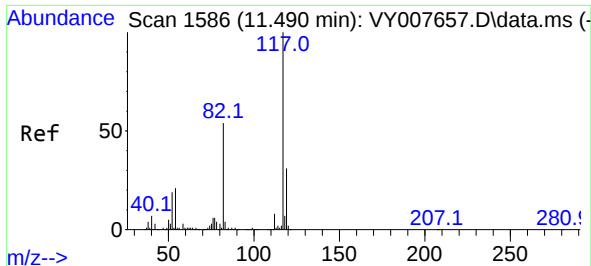
Tgt Ion: 98 Resp: 85532
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 22.253 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

Tgt Ion: 95 Resp: 12975
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 92.5 0.0 175.8

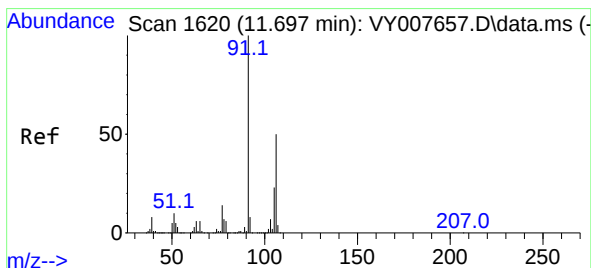
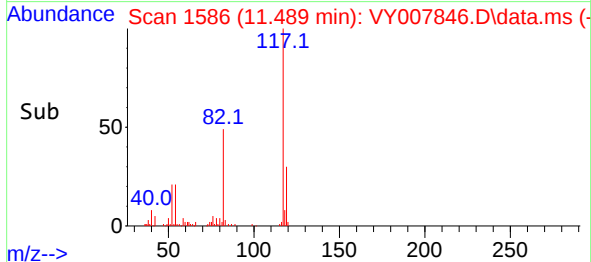
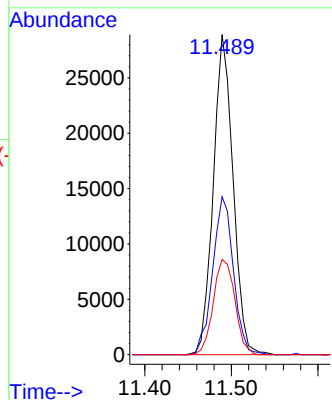
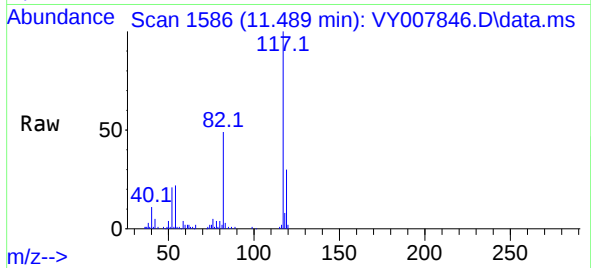




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

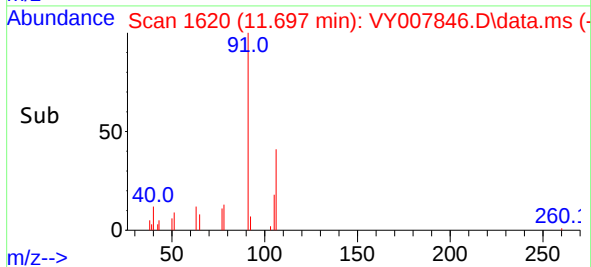
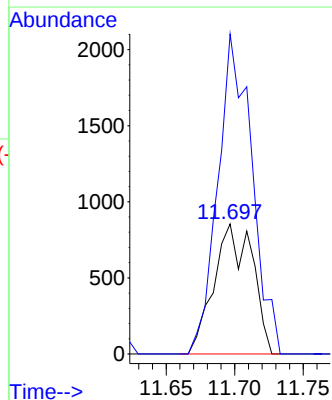
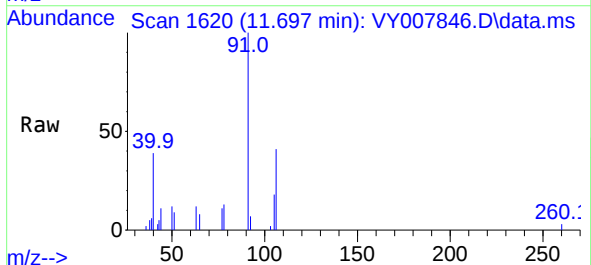
Instrument :
MSVOA_Y
ClientSampleId :
SR-EX2A-BASE-02

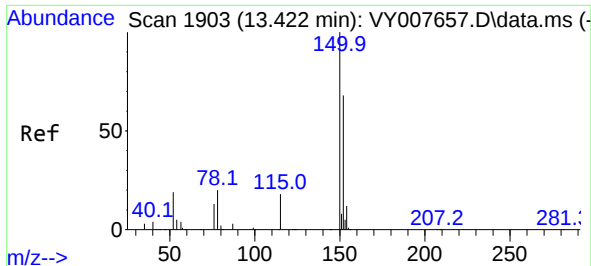
Tgt Ion:	117	Resp:	45756
Ion	Ratio	Lower	Upper
117	100		
82	49.4	43.0	64.4
119	29.7	25.4	38.0



#68
m/p-Xylenes
Concen: 2.412 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY007846.D
Acq: 11 Mar 2022 11:56

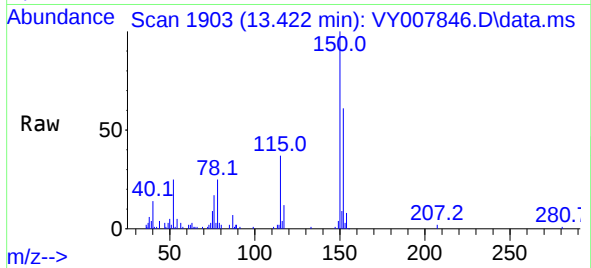
Tgt Ion:	106	Resp:	1664
Ion	Ratio	Lower	Upper
106	100		
91	218.3	166.6	249.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007846.D
 Acq: 11 Mar 2022 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SR-EX2A-BASE-02



Tgt Ion:	152	Resp:	11594
Ion	Ratio	Lower	Upper
152	100		
115	63.4	28.2	84.7
150	172.6	0.0	347.6

