

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007220.D
 Acq On : 19 Jan 2022 13:36
 Operator : SY/MD
 Sample : N1172-02RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EME-TS-4RE

Quant Time: Jan 20 04:39:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

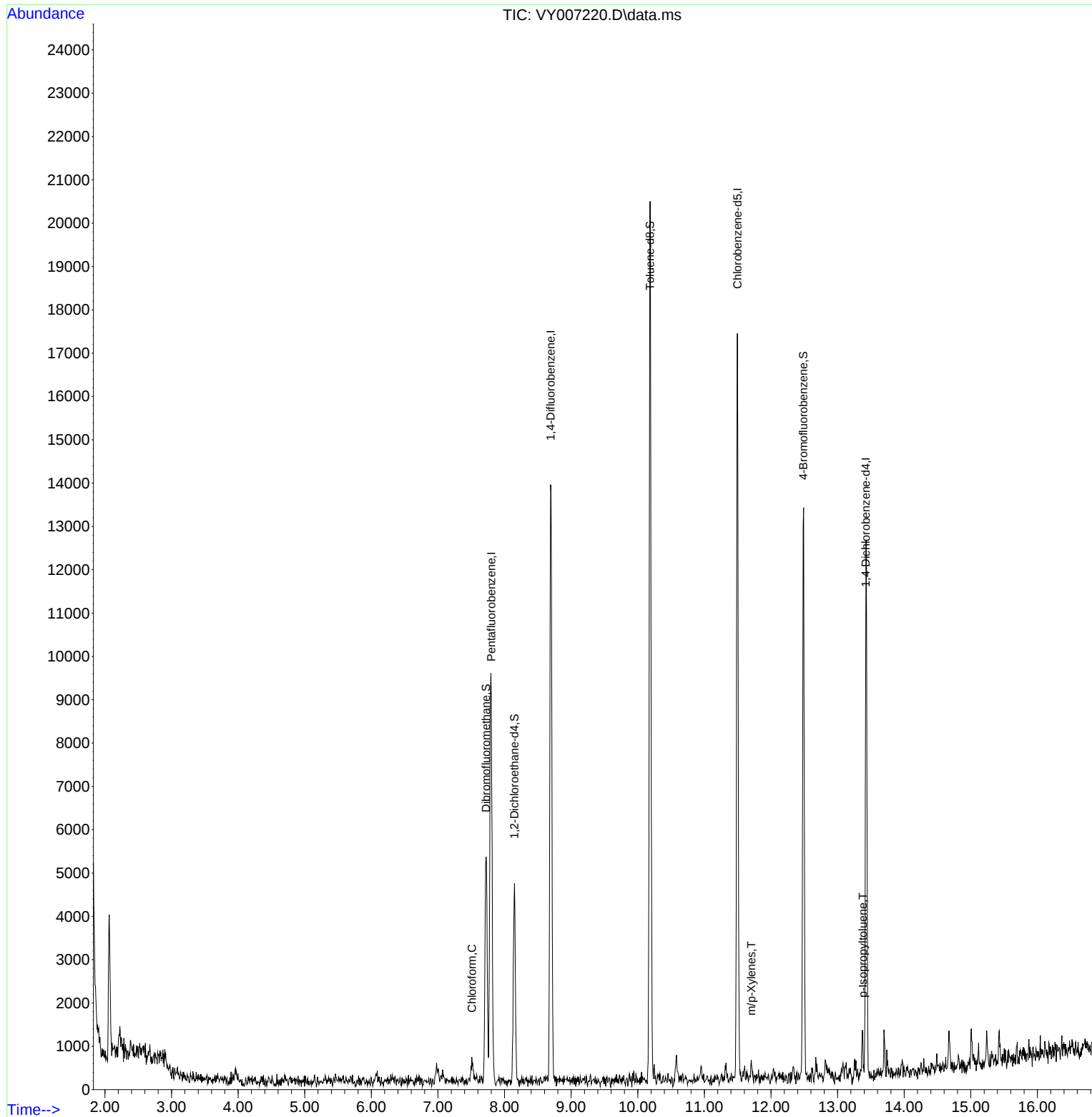
Internal Standards						
1) Pentafluorobenzene	7.801	168	7576	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	12695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	9313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3712	39.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.860%
35) Dibromofluoromethane	7.722	113	4090	47.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.185	98	13880	44.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.500%
62) 4-Bromofluorobenzene	12.483	95	3908	35.026	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.060%
Target Compounds						
					Qvalue	
30) Chloroform	7.509	83	575	3.267	ug/l	89
68) m/p-Xylenes	11.703	106	191	1.343	ug/l	86
86) p-Isopropyltoluene	13.379	119	585	2.612	ug/l #	81

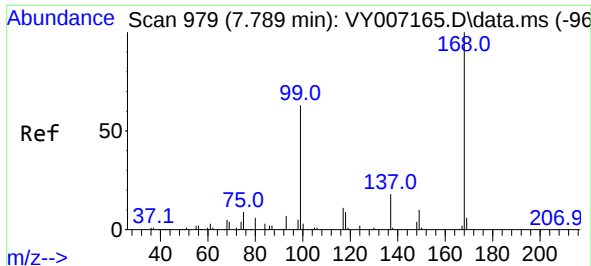
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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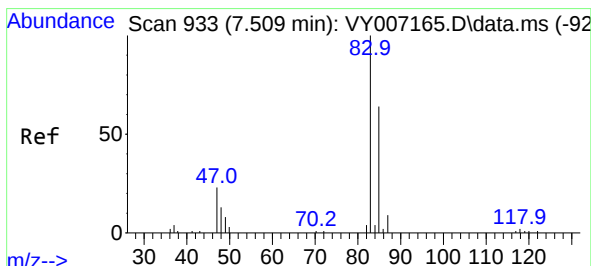
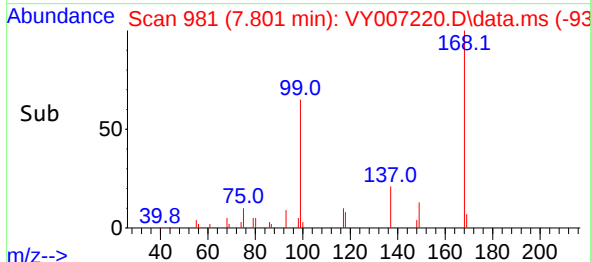
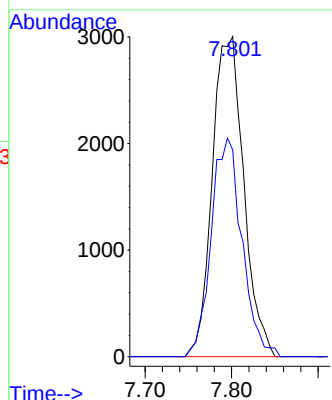
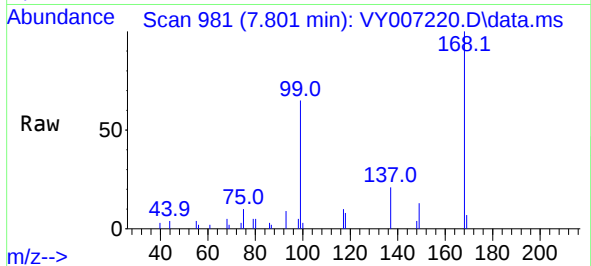




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

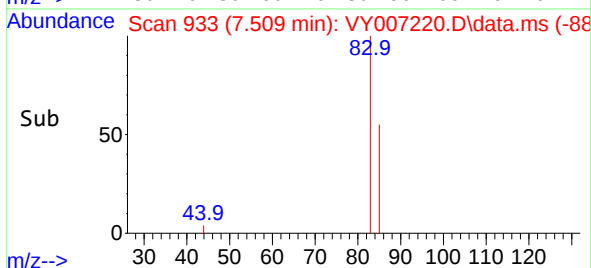
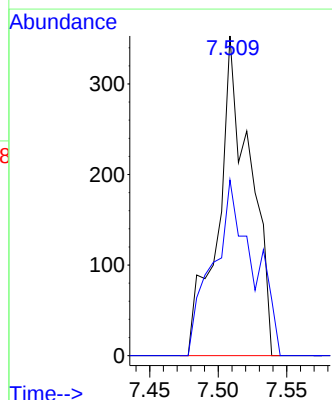
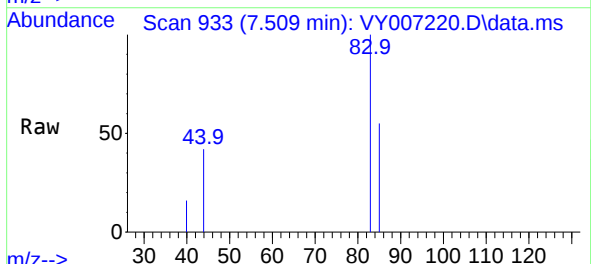
Instrument :
MSVOA_Y
ClientSampleId :
EME-TS-4RE

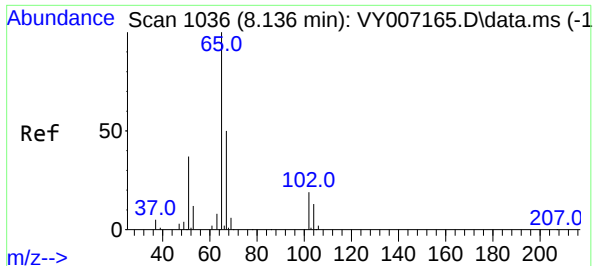
Tgt Ion:168 Resp: 7576
Ion Ratio Lower Upper
168 100
99 64.6 49.1 73.7



#30
Chloroform
Concen: 3.267 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

Tgt Ion: 83 Resp: 575
Ion Ratio Lower Upper
83 100
85 55.0 50.9 76.3

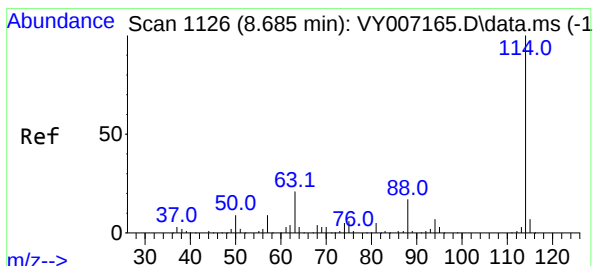
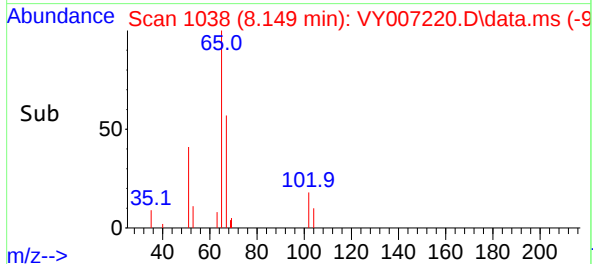
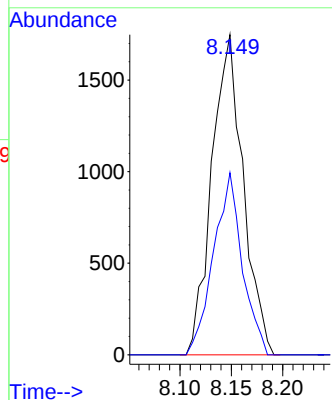
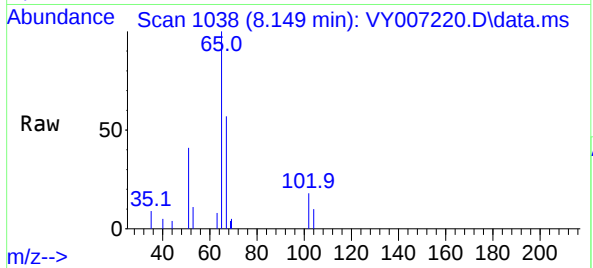




#33
1,2-Dichloroethane-d4
Concen: 39.932 ug/l
RT: 8.149 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

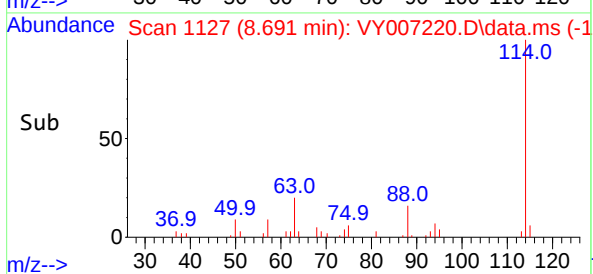
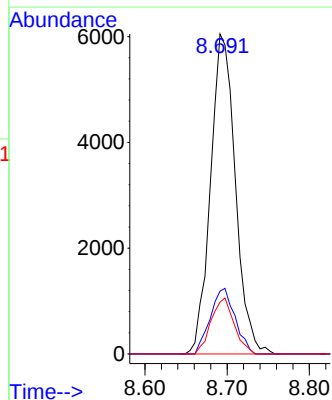
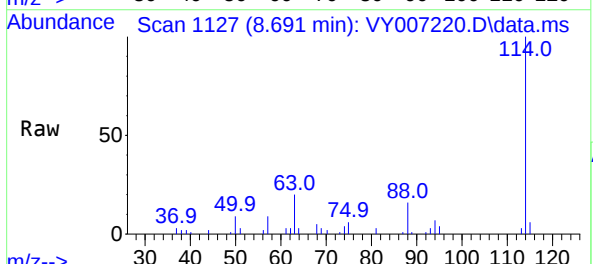
Instrument :
MSVOA_Y
ClientSampleId :
EME-TS-4RE

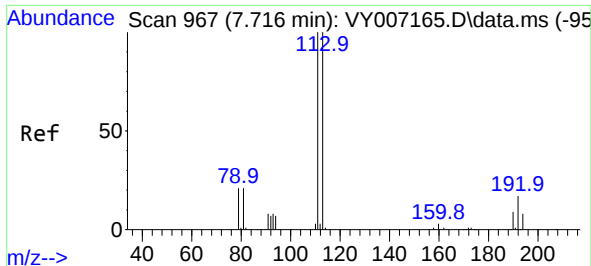
Tgt Ion: 65 Resp: 3712
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

Tgt Ion: 114 Resp: 12695
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 16.2 0.0 31.0

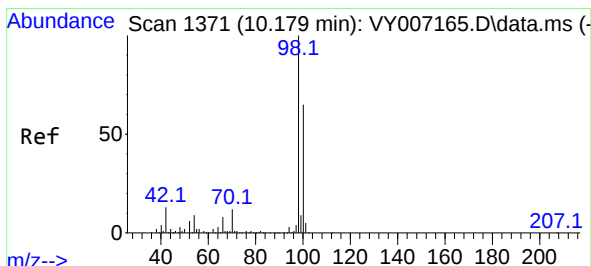
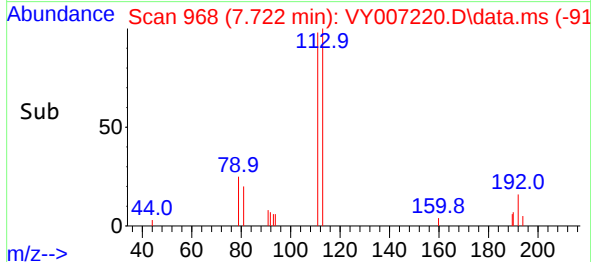
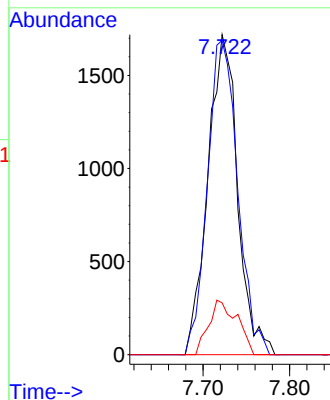
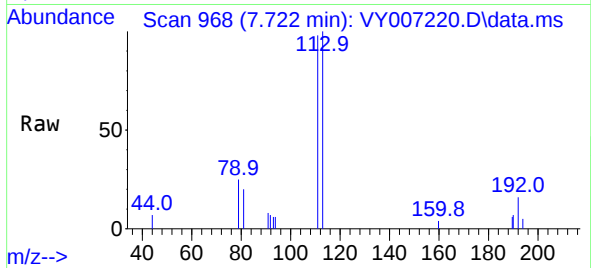




#35
Dibromofluoromethane
Concen: 47.646 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.007 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

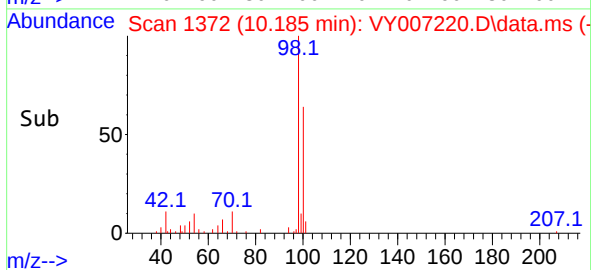
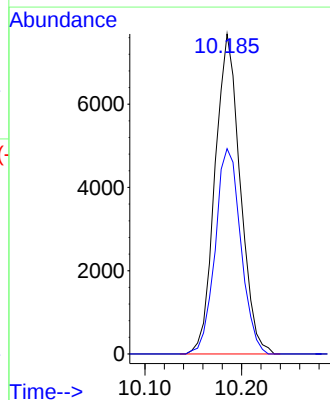
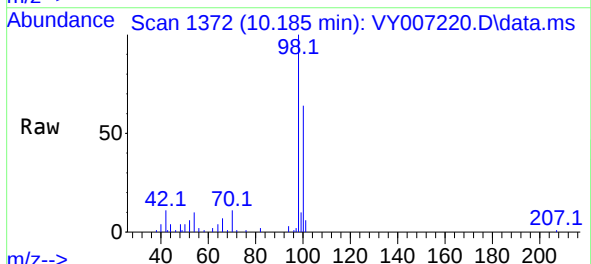
Instrument :
MSVOA_Y
ClientSampleId :
EME-TS-4RE

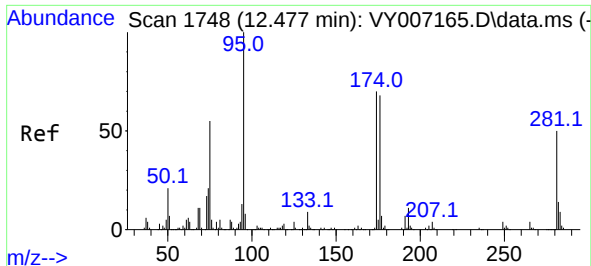
Tgt Ion:113 Resp: 4090
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 16.2 14.2 21.4



#50
Toluene-d8
Concen: 44.252 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

Tgt Ion: 98 Resp: 13880
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

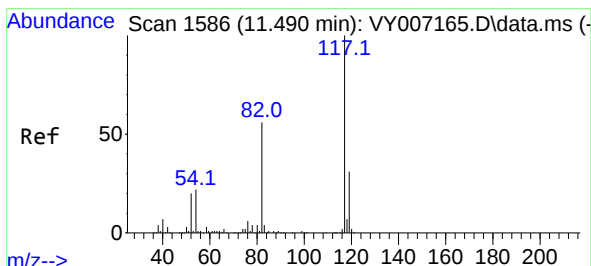
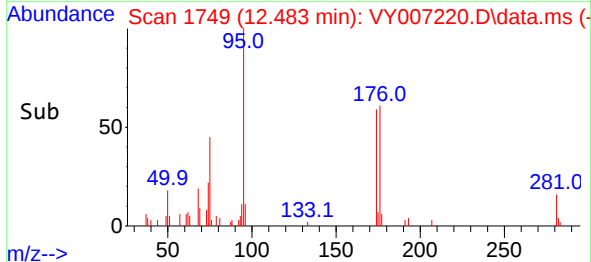
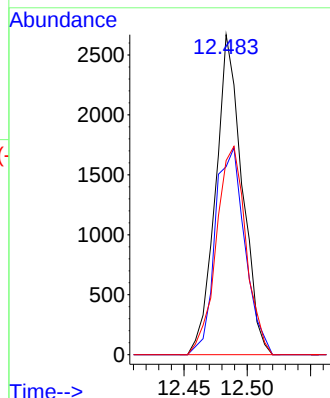
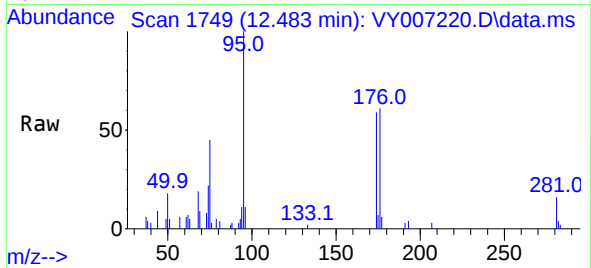




#62
4-Bromofluorobenzene
Concen: 35.026 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

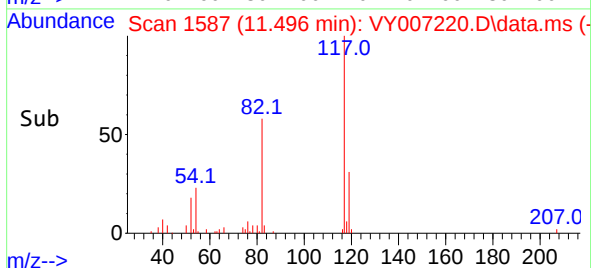
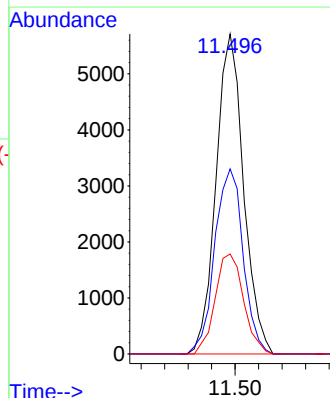
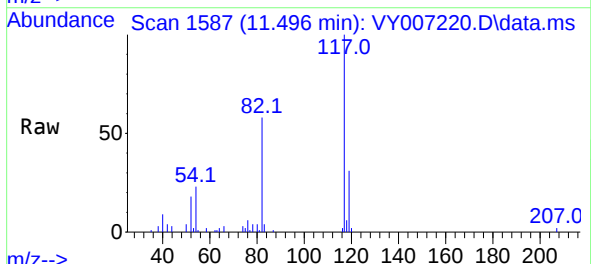
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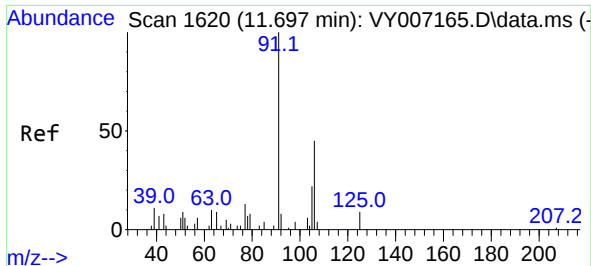
Tgt Ion:	95	Resp:	3908
Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	148.4
176	72.4	0.0	146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

Tgt Ion:	117	Resp:	9313
Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.4	68.0
119	31.3	26.4	39.6

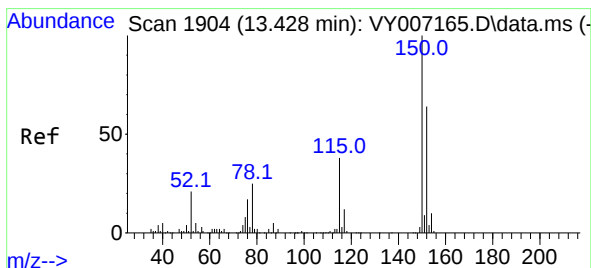
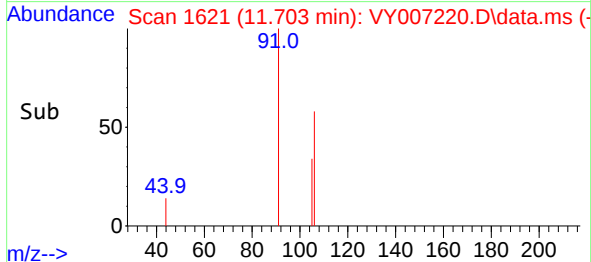
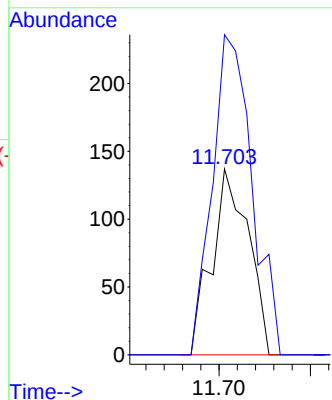
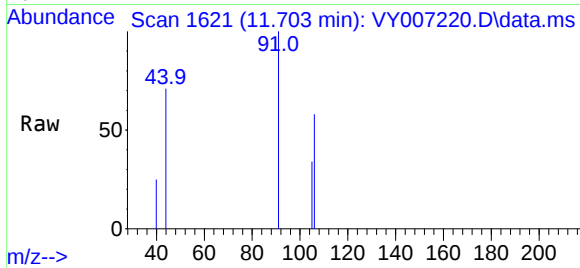




#68
m/p-Xylenes
Concen: 1.343 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

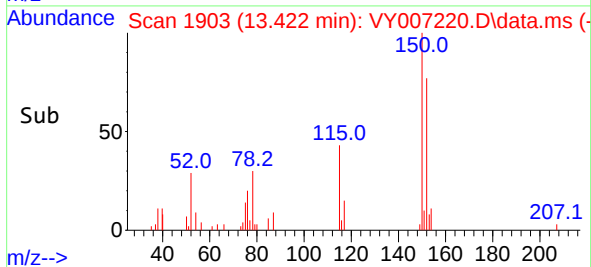
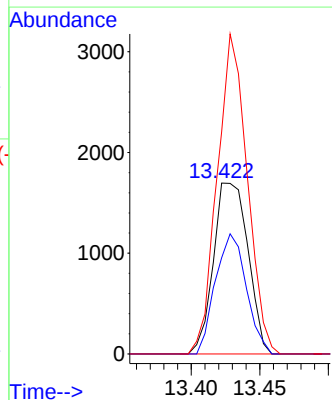
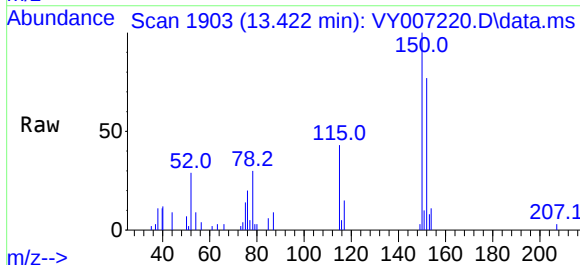
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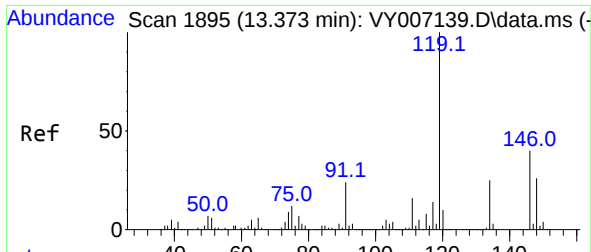
Tgt Ion:106 Resp: 191
Ion Ratio Lower Upper
106 100
91 186.9 167.1 250.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007220.D
Acq: 19 Jan 2022 13:36

Tgt Ion:152 Resp: 2973
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.0
150 163.0 0.0 348.4





#86

p-Isopropyltoluene

Concen: 2.612 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY007220.D

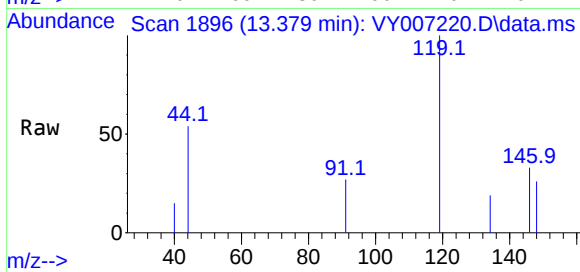
Acq: 19 Jan 2022 13:36

Instrument :

MSVOA_Y

ClientSampleId :

EME-TS-4RE



Tgt Ion:119 Resp: 585

Ion Ratio Lower Upper

119 100

134 10.8 12.9 38.7#

91 20.9 12.4 37.2

