

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006486.D
 Acq On : 26 Oct 2021 17:11
 Operator : SY/MD
 Sample : M4325-03
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RED-BOX-2-1934

Quant Time: Oct 27 05:26:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

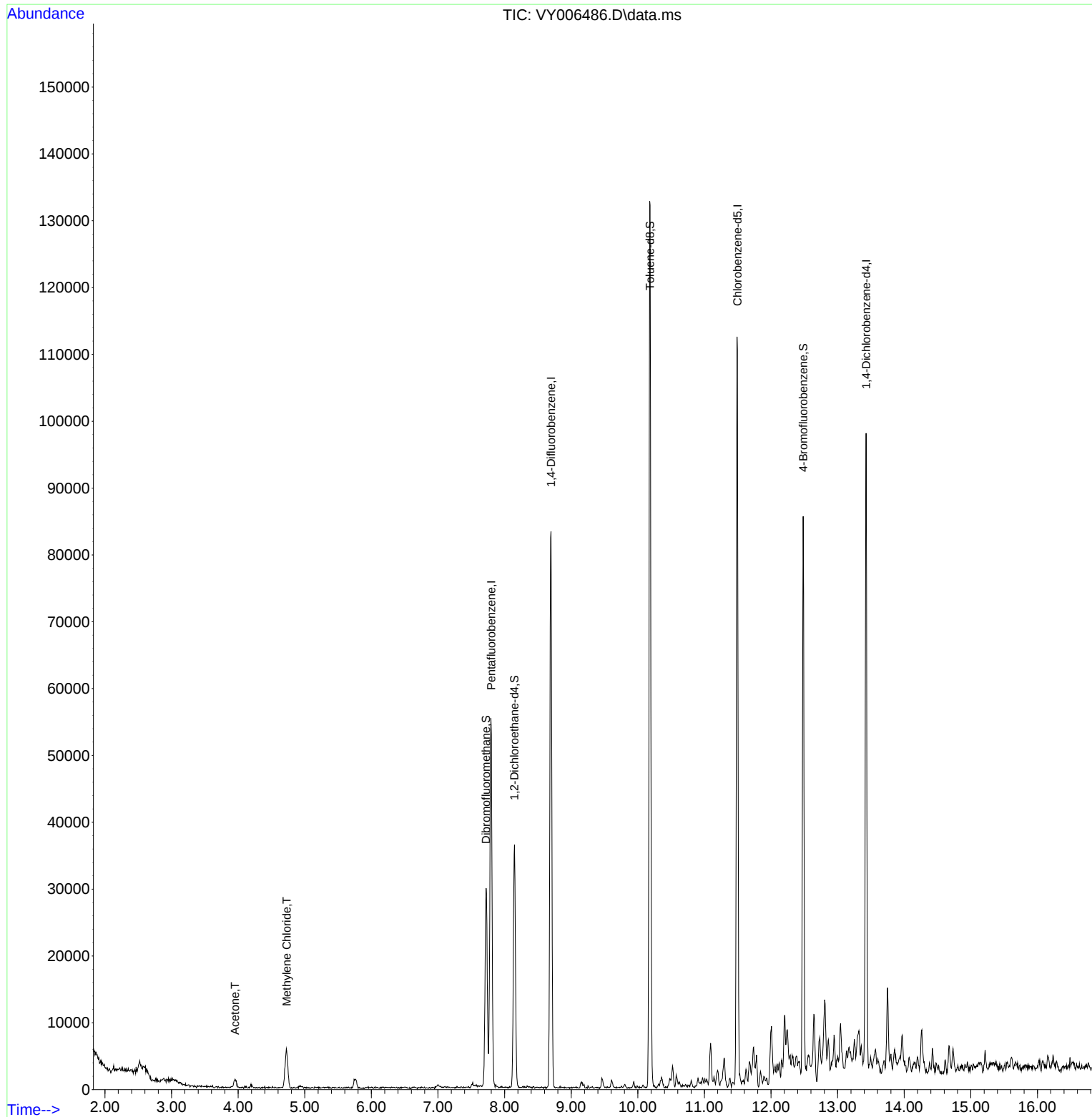
Internal Standards						
1) Pentafluorobenzene	7.801	168	41445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	67541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	57220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	29267	57.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.780%	
35) Dibromofluoromethane	7.722	113	20258	53.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.620%	
50) Toluene-d8	10.185	98	84447	52.917	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.483	95	23609	43.918	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	2435	16.581	ug/l	91
20) Methylene Chloride	4.729	84	3886	4.890	ug/l #	88

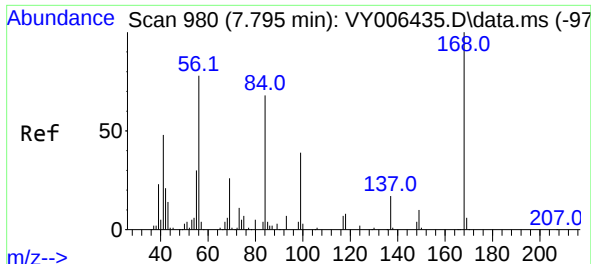
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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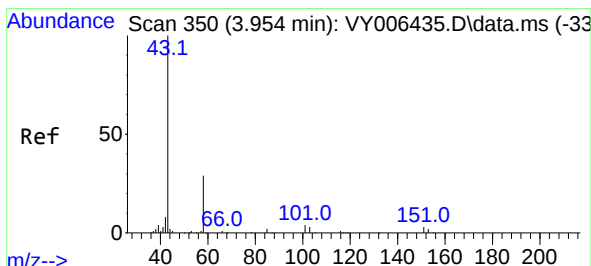
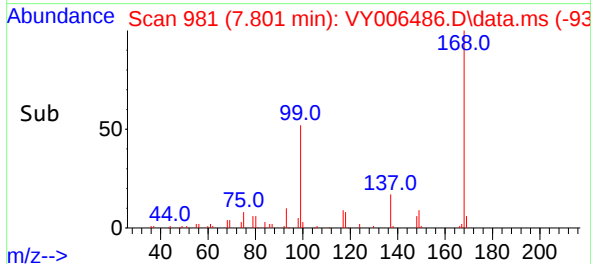
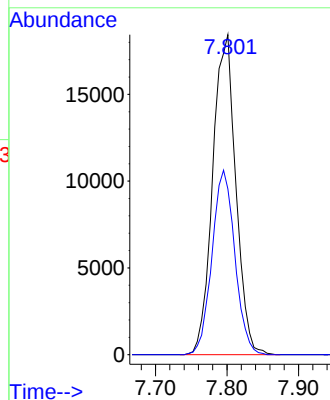
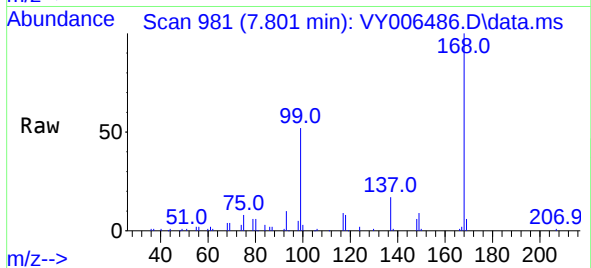




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

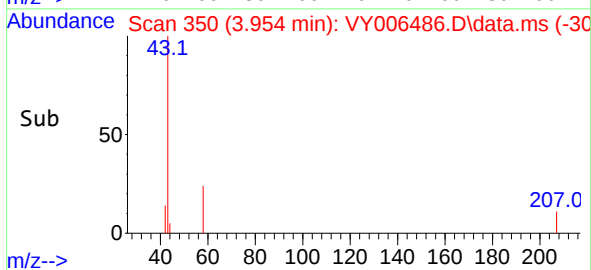
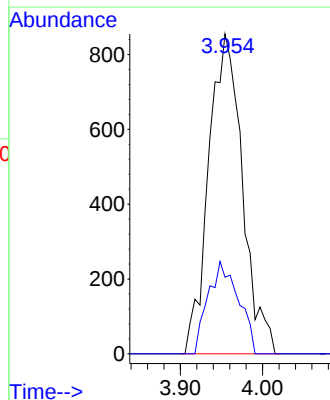
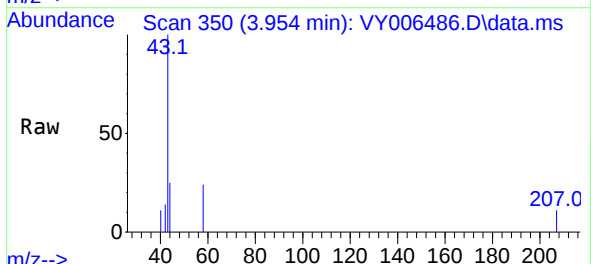
Instrument :
MSVOA_Y
ClientSampleId :
RED-BOX-2-1934

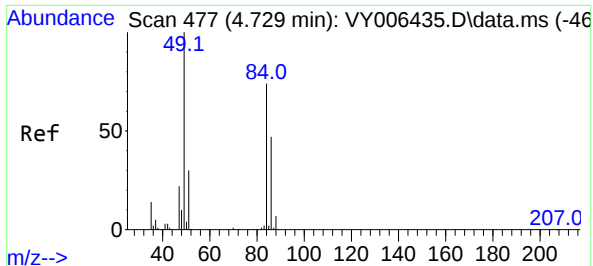
Tgt Ion:168 Resp: 41445
Ion Ratio Lower Upper
168 100
99 51.8 44.8 67.2



#16
Acetone
Concen: 16.581 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 43 Resp: 2435
Ion Ratio Lower Upper
43 100
58 24.0 22.9 34.3



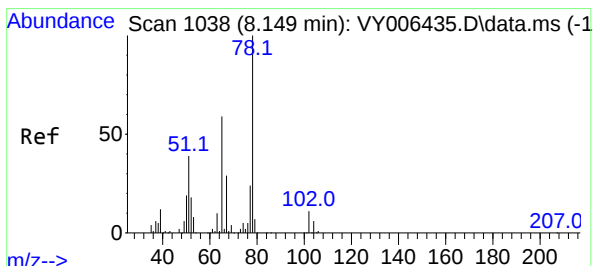
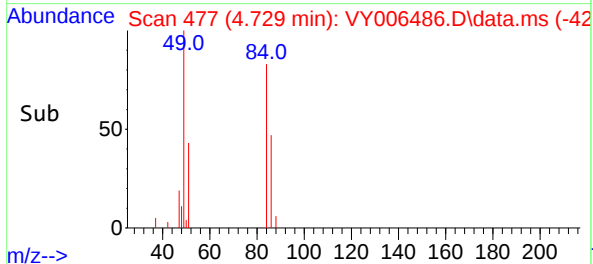
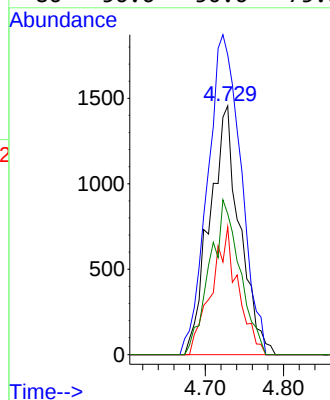
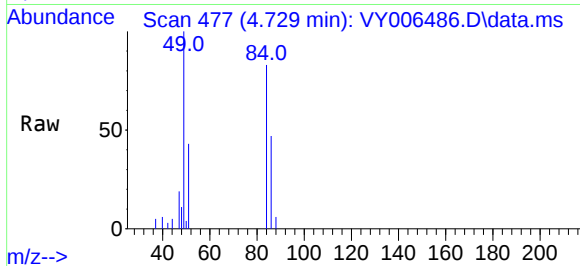


#20
Methylene Chloride
Concen: 4.890 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :
RED-BOX-2-1934

Tgt Ion: 84 Resp: 3886

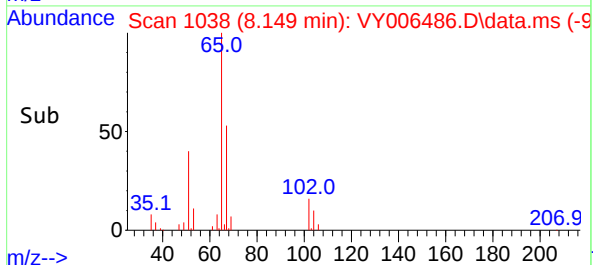
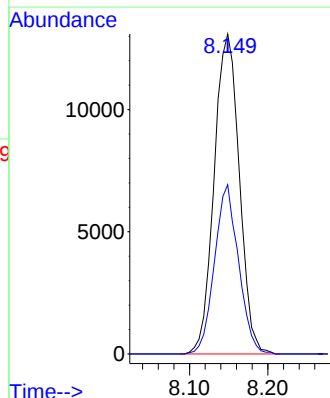
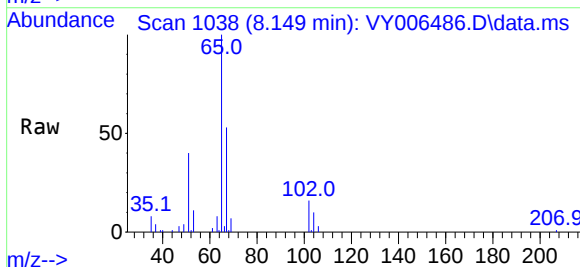
Ion	Ratio	Lower	Upper
84	100		
49	120.5	107.8	161.8
51	51.4	32.8	49.2#
86	56.6	50.6	75.8

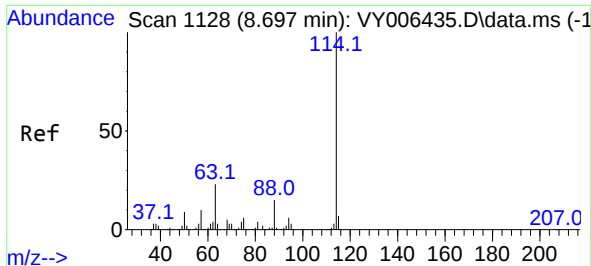


#33
1,2-Dichloroethane-d4
Concen: 57.385 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 65 Resp: 29267

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

Instrument :

MSVOA_Y

ClientSampleId :

RED-BOX-2-1934

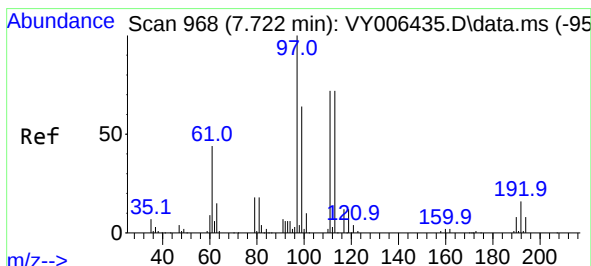
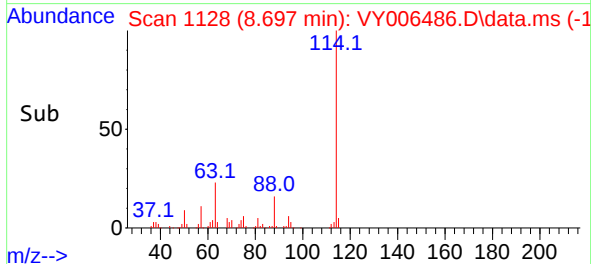
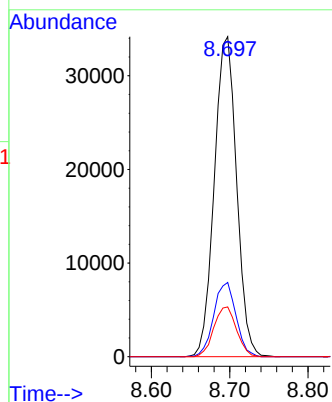
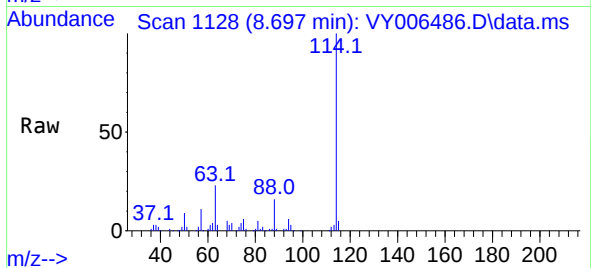
Tgt Ion:114 Resp: 67541

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.813 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006486.D

Acq: 26 Oct 2021 17:11

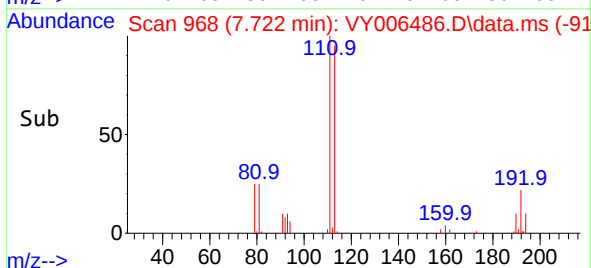
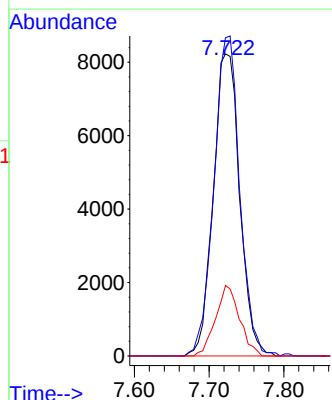
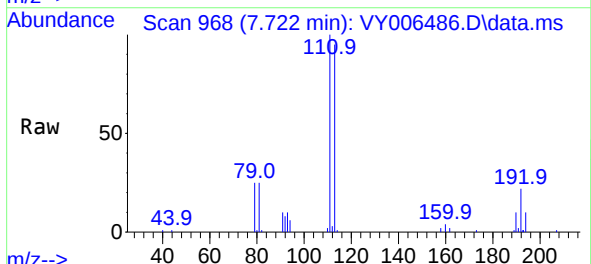
Tgt Ion:113 Resp: 20258

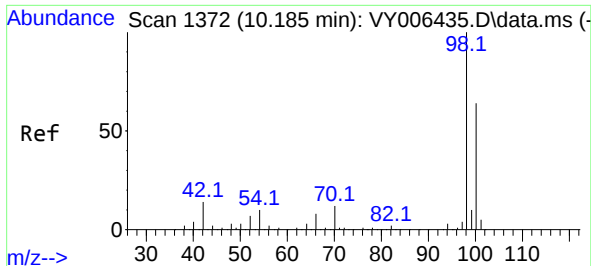
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 21.2 17.4 26.2

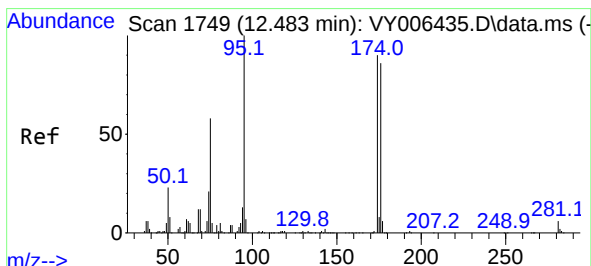
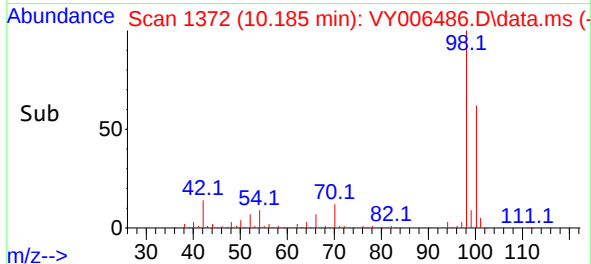
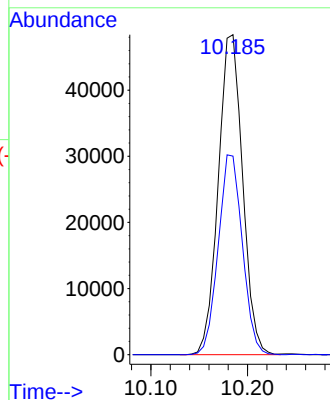
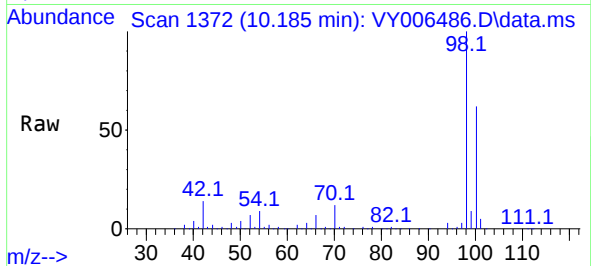




#50
Toluene-d8
Concen: 52.917 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

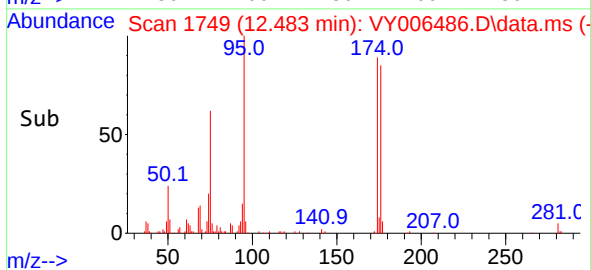
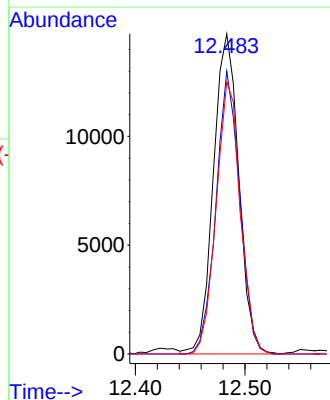
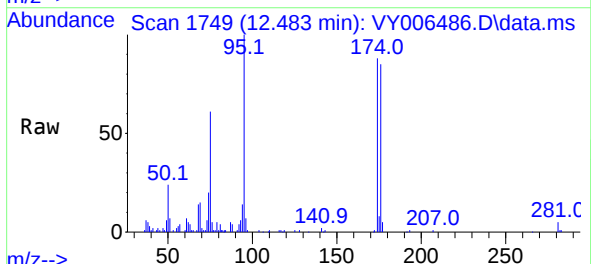
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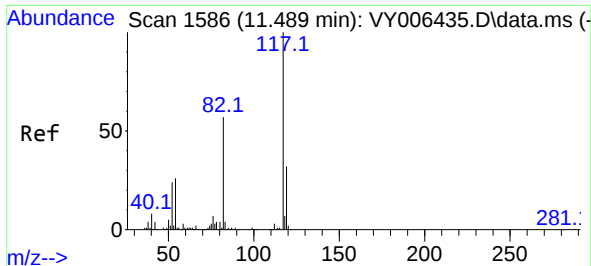
Tgt Ion: 98 Resp: 84447
Ion Ratio Lower Upper
98 100
100 62.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion: 95 Resp: 23609
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.0 0.0 169.4

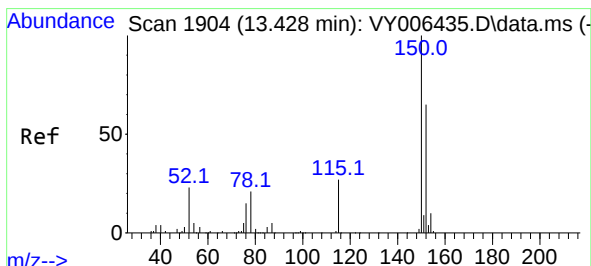
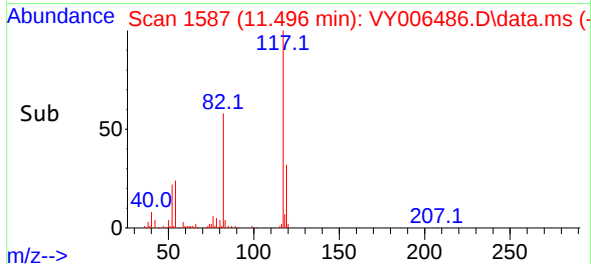
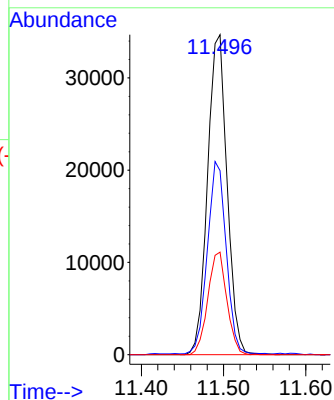
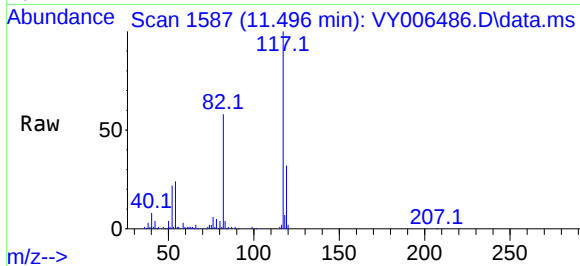




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Instrument :
MSVOA_Y
ClientSampleId :
RED-BOX-2-1934

Tgt Ion:	117	Resp:	57220
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	32.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006486.D
Acq: 26 Oct 2021 17:11

Tgt Ion:	152	Resp:	22337
Ion	Ratio	Lower	Upper
152	100		
115	58.0	28.5	85.5
150	154.9	0.0	348.2

