

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040522\
 Data File : VY008206.D
 Acq On : 05 Apr 2022 13:53
 Operator : SY/MD
 Sample : N2237-01RE
 Misc : 3.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A08015RE

Quant Time: Apr 06 03:56:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

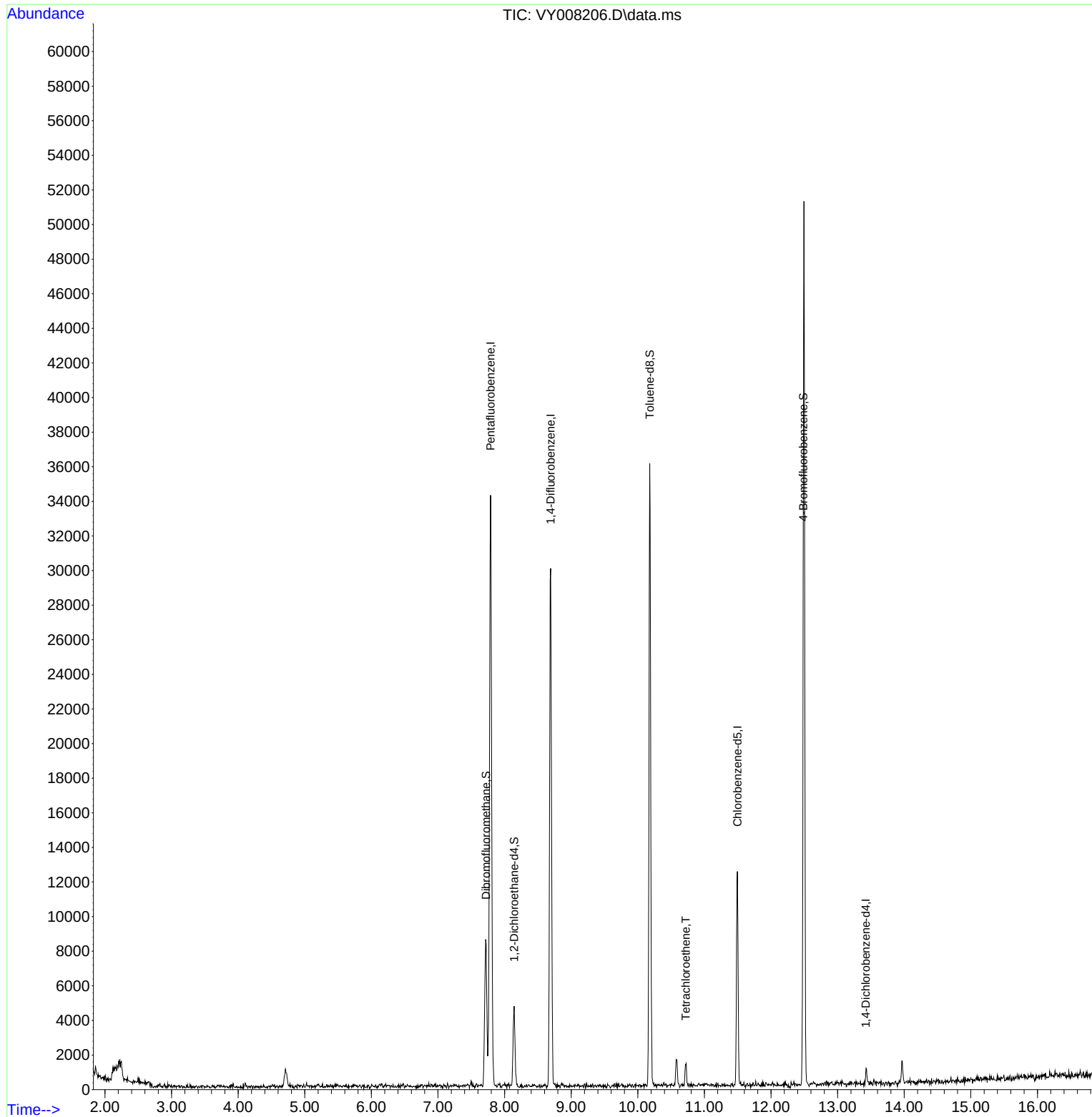
Internal Standards						
1) Pentafluorobenzene	7.789	168	26697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	7554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3526	13.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	26.320%#
35) Dibromofluoromethane	7.721	113	6087	35.182	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.360%
50) Toluene-d8	10.178	98	25238	38.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.440%
62) 4-Bromofluorobenzene	12.483	95	971	4.222	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	8.440%#
Target Compounds						Qvalue
64) Tetrachloroethene	10.721	164	339	5.843	ug/l	# 67

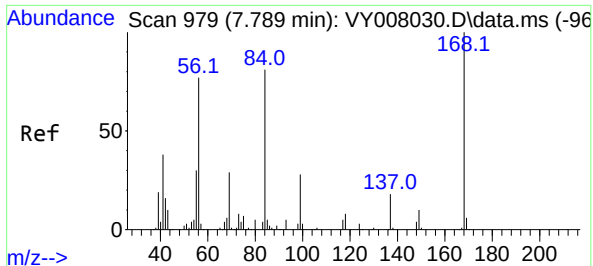
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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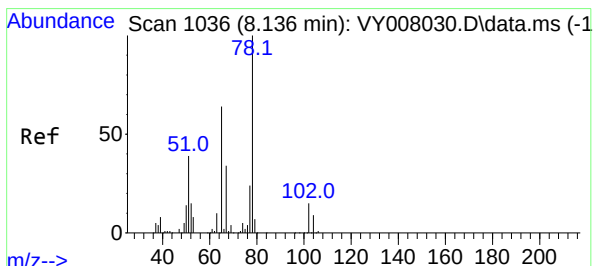
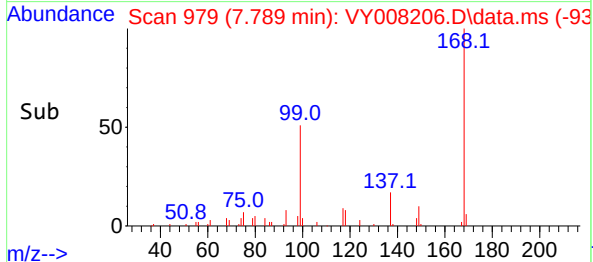
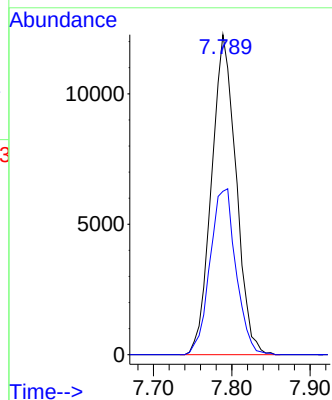
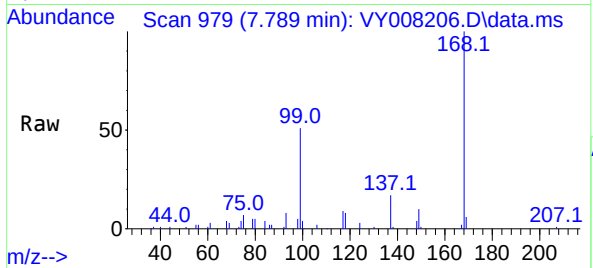




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

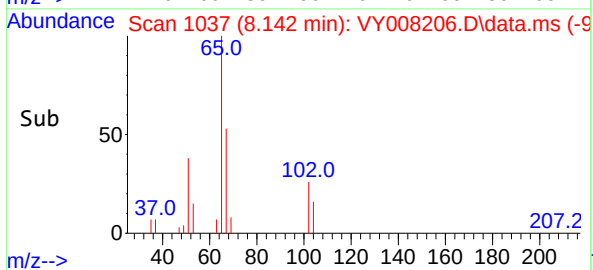
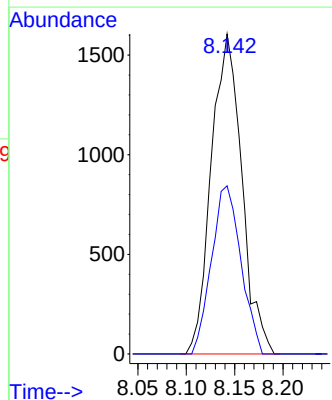
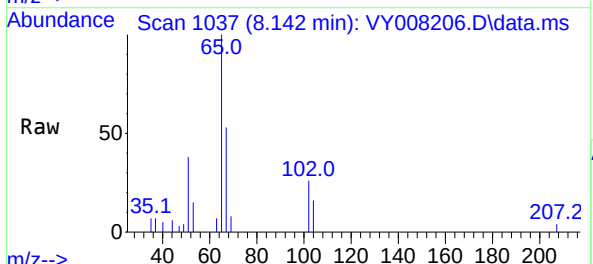
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE

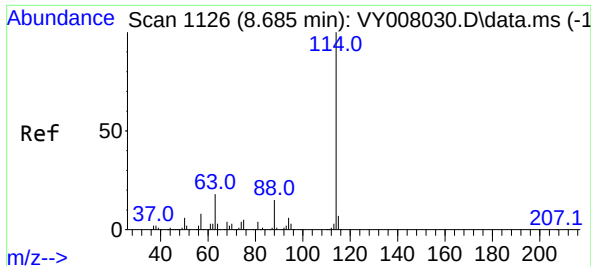
Tgt Ion:168 Resp: 26697
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 13.164 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion: 65 Resp: 3526
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008206.D

Acq: 05 Apr 2022 13:53

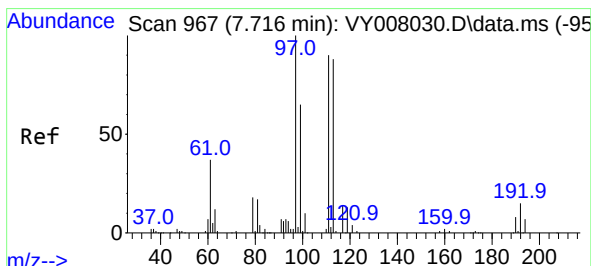
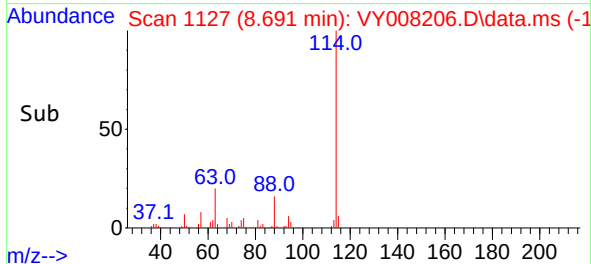
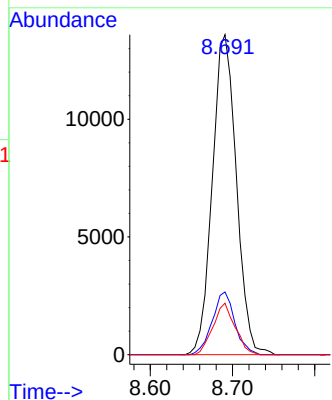
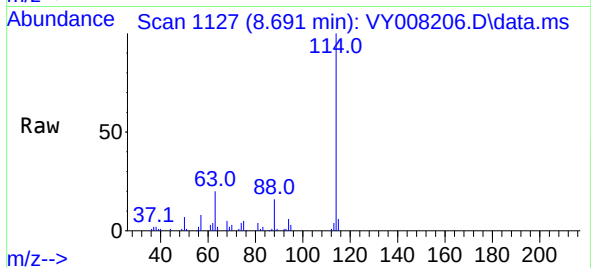
Instrument :

MSVOA_Y

ClientSampleId :

A08015RE

Tgt Ion:114	Resp:	27595
Ion	Ratio	Lower Upper
114	100	
63	19.6	0.0 43.2
88	16.1	0.0 31.8



#35

Dibromofluoromethane

Concen: 35.182 ug/l

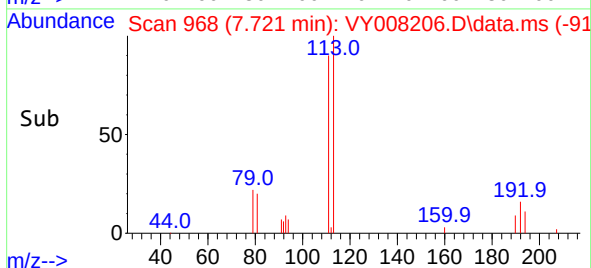
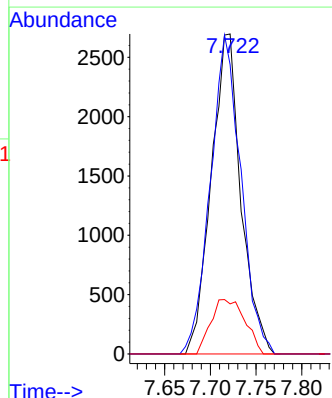
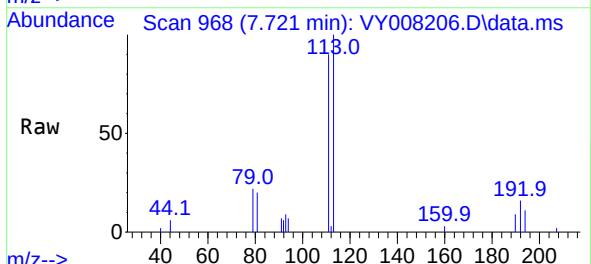
RT: 7.721 min Scan# 968

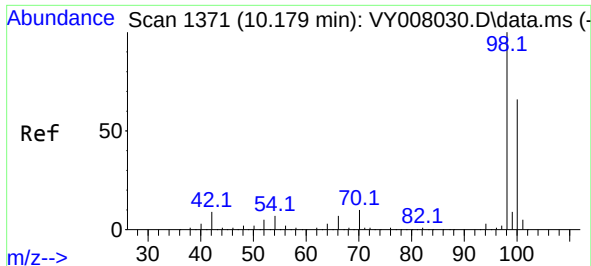
Delta R.T. 0.005 min

Lab File: VY008206.D

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Tgt Ion:113	Resp:	6087
Ion	Ratio	Lower Upper
113	100	
111	102.4	82.6 124.0
192	19.5	17.6 26.4

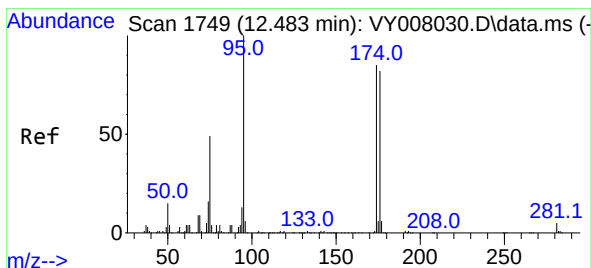
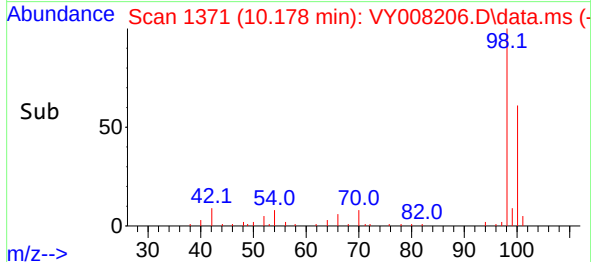
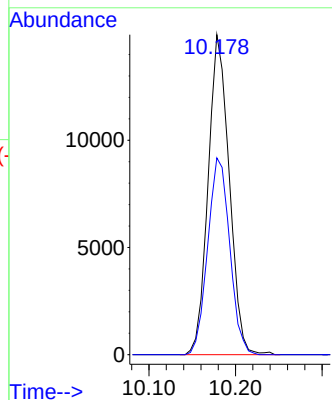
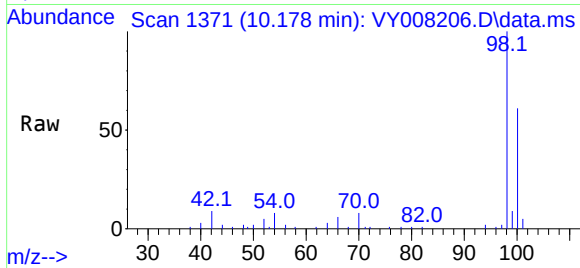




#50
Toluene-d8
Concen: 38.719 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

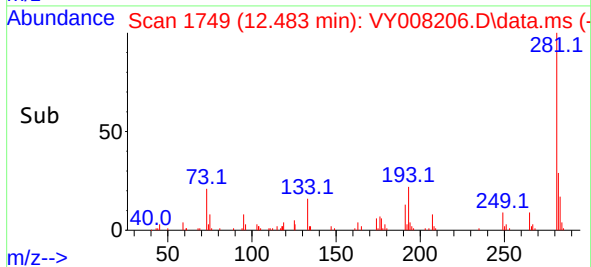
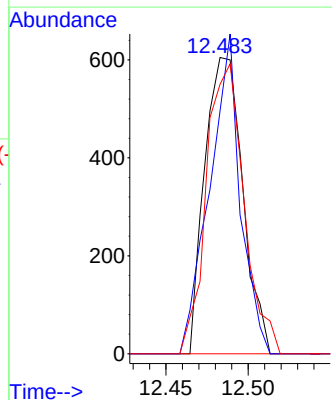
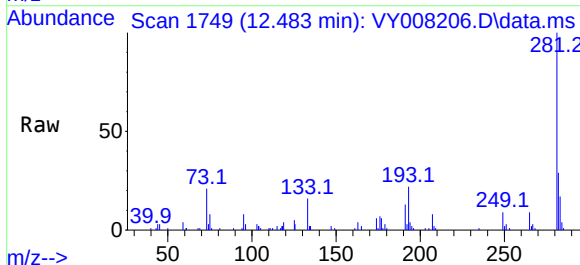
Instrument :
MSVOA_Y
ClientSampleId :
A08015RE

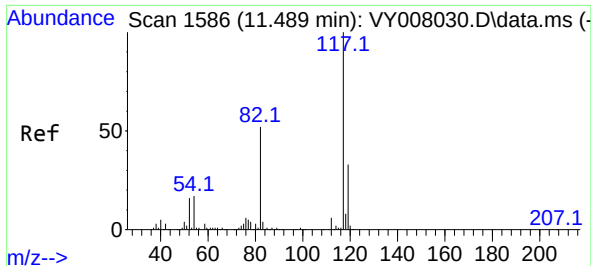
Tgt Ion: 98 Resp: 25238
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 4.222 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion: 95 Resp: 971
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 97.0 0.0 175.8

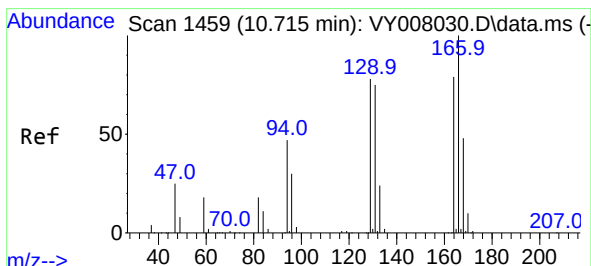
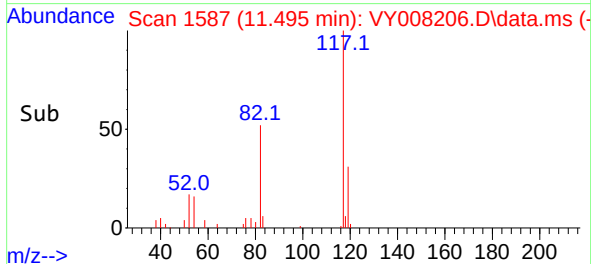
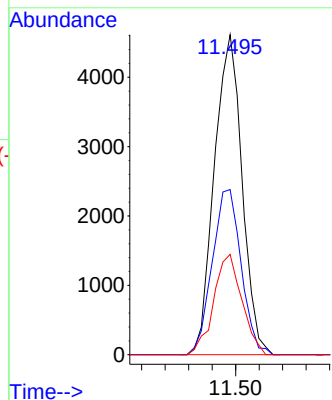
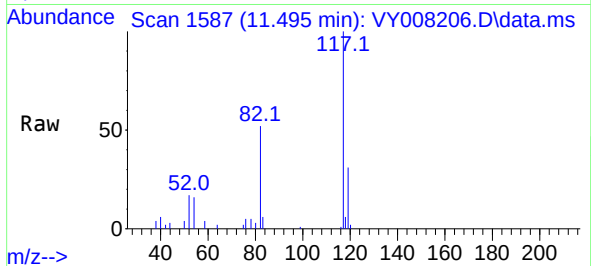




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

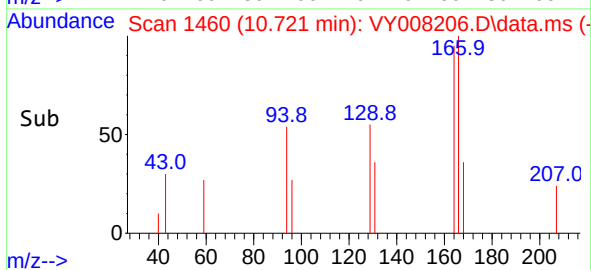
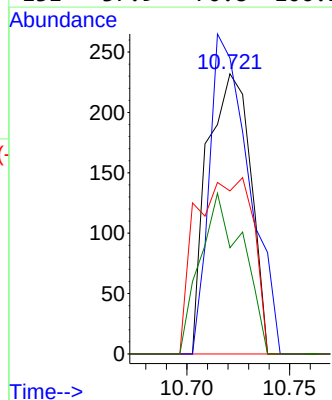
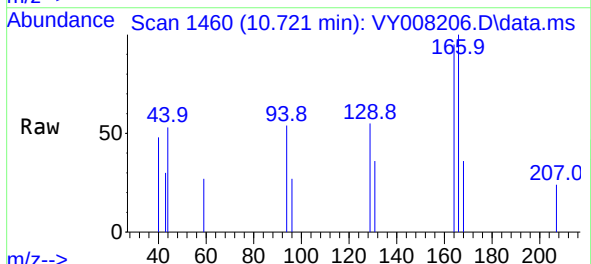
Instrument :
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ClientSampleId :
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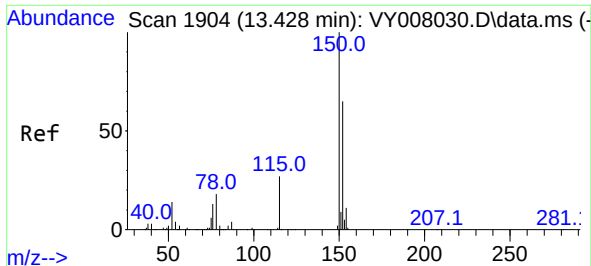
Tgt Ion:	117	Resp:	7554
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	31.4	25.4	38.0



#64
Tetrachloroethene
Concen: 5.843 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY008206.D
Acq: 05 Apr 2022 13:53

Tgt Ion:	164	Resp:	339
Ion	Ratio	Lower	Upper
164	100		
166	105.6	100.4	150.6
129	58.2	71.4	107.0#
131	37.9	70.8	106.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008206.D

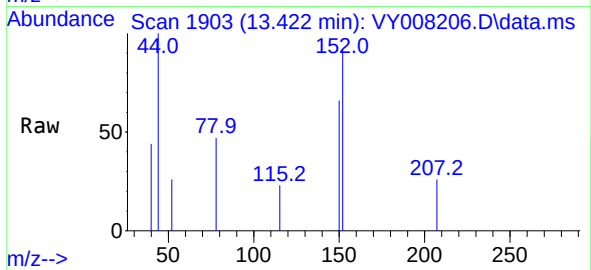
Acq: 05 Apr 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

A08015RE



Tgt Ion:152 Resp: 311

Ion Ratio Lower Upper

152 100

115 37.3 28.2 84.7

150 159.5 0.0 347.6

