

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006541.D
 Acq On : 29 Oct 2021 15:42
 Operator : SY/MD
 Sample : M4409-01RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-207-ETGI-340RE

Quant Time: Oct 30 03:01:12 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

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/01/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	3148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1940	100.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 201.340%#	
35) Dibromofluoromethane	7.704	113	205m	12.523	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 25.040%#	
50) Toluene-d8	10.185	98	3841	55.350	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.700%	
62) 4-Bromofluorobenzene	12.483	95	1349	57.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.420%	

Target Compounds Qvalue

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

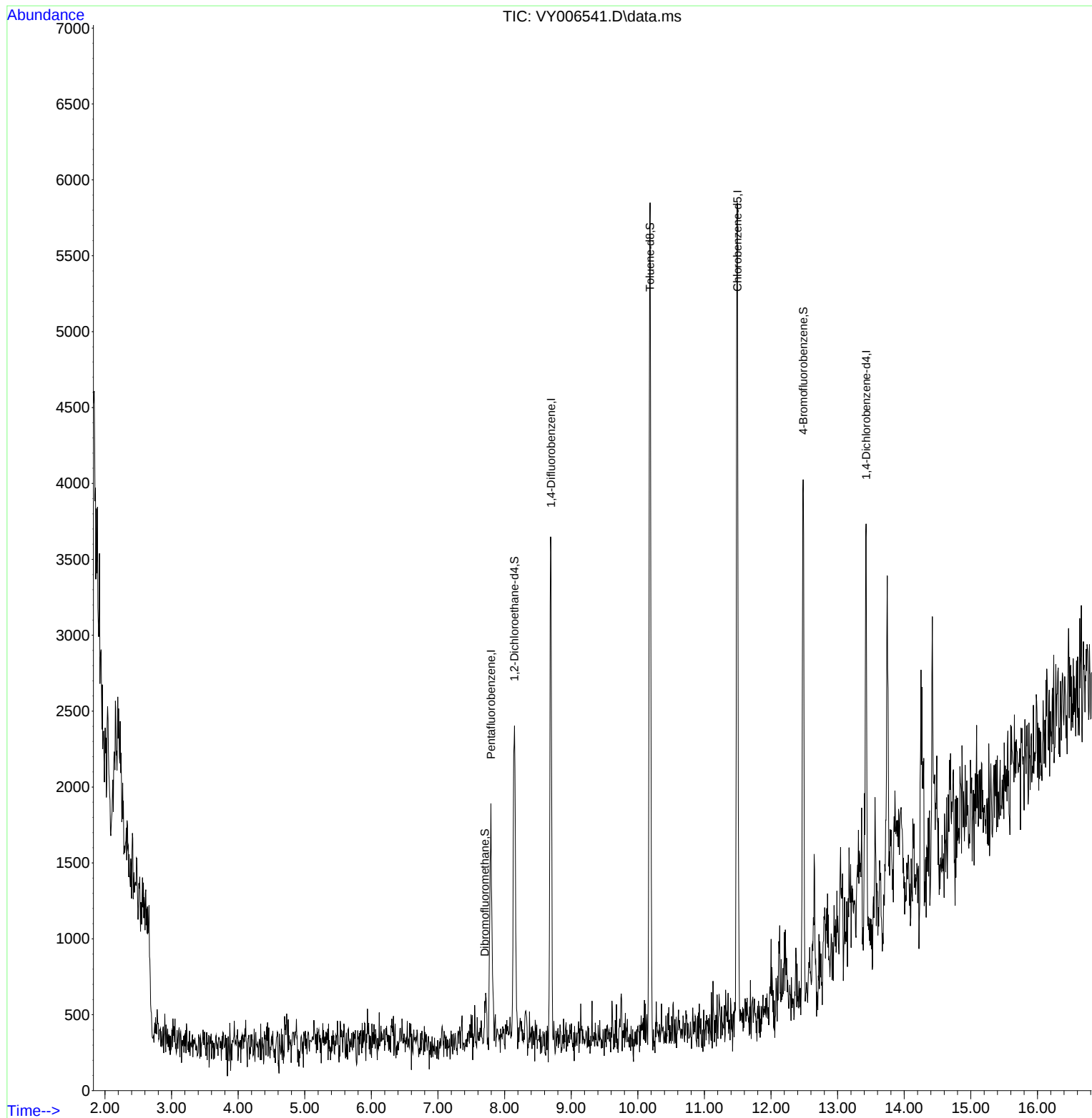
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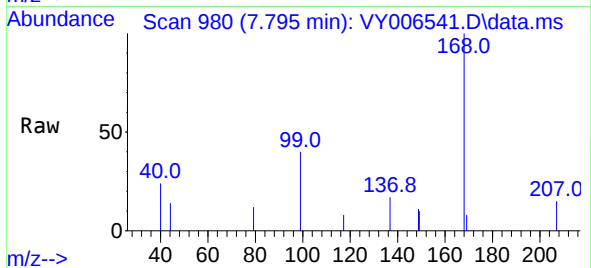
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

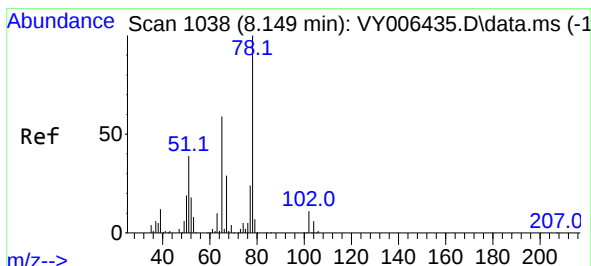
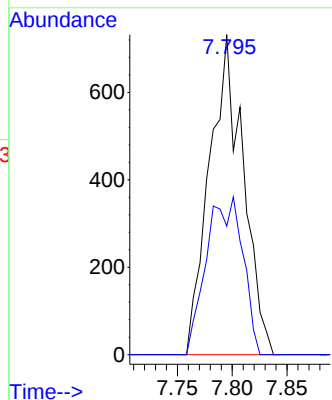
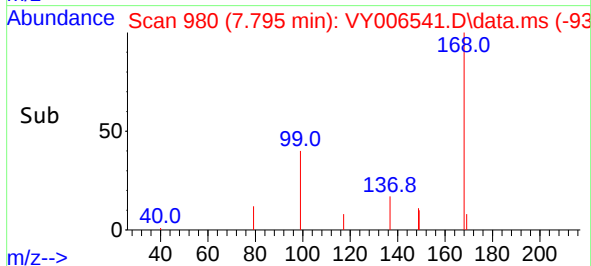
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-207-ETGI-340RE



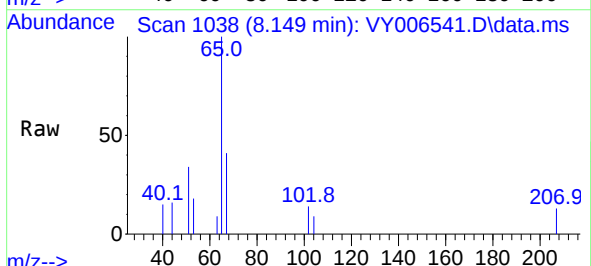
Tgt Ion:168 Resp: 1560
Ion Ratio Lower Upper
168 100
99 40.2 44.8 67.2

Manual Integrations
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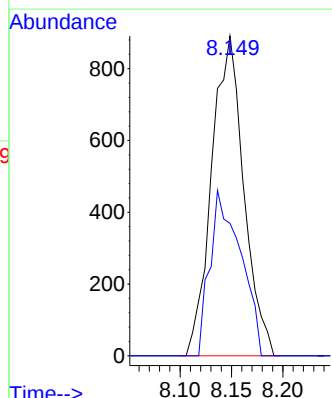
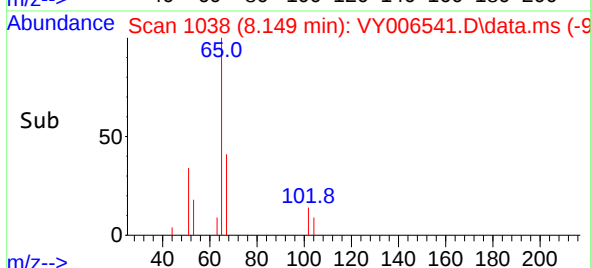
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Supervised By :Mahesh Dadoda 11/03/2021

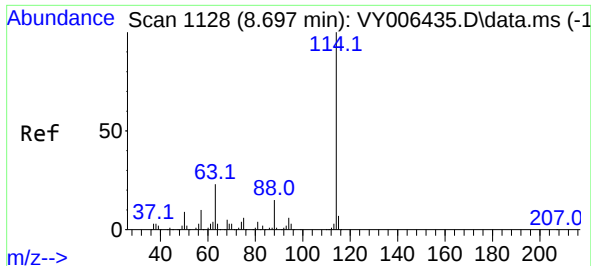


#33
1,2-Dichloroethane-d4
Concen: 100.671 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42



Tgt Ion: 65 Resp: 1940
Ion Ratio Lower Upper
65 100
67 49.3 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: VY006541.D

Acq: 29 Oct 2021 15:42

Instrument :

MSVOA_Y

ClientSampleId :

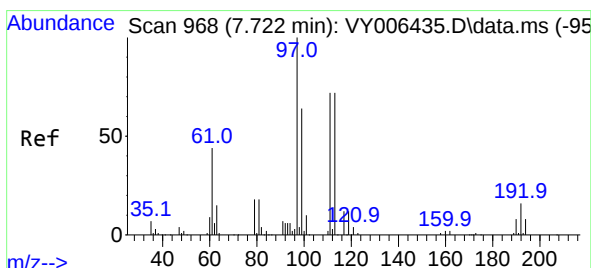
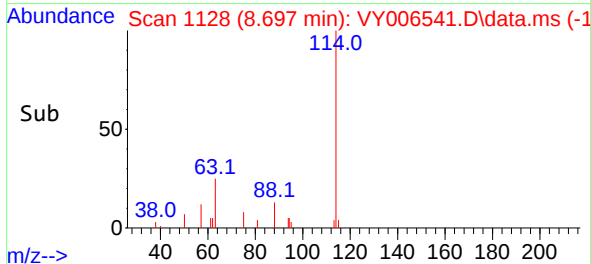
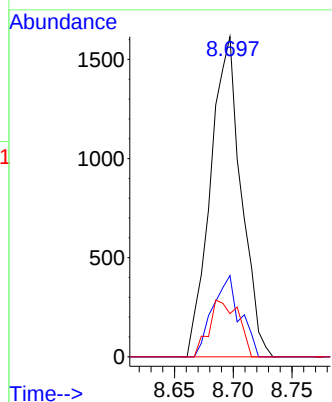
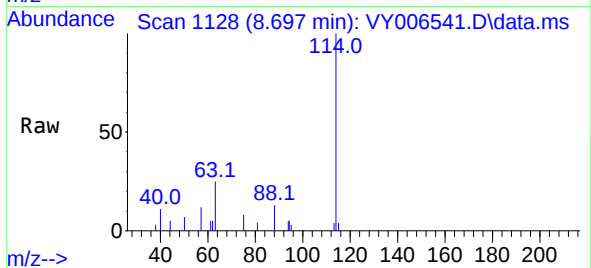
VNJ-207-ETGI-340RE

Tgt Ion:	114	Resp:	293
Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	45.0
88	13.5	0.0	30.6

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#35

Dibromofluoromethane

Concen: 12.523 ug/l m

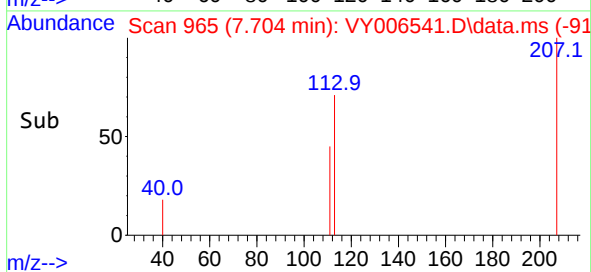
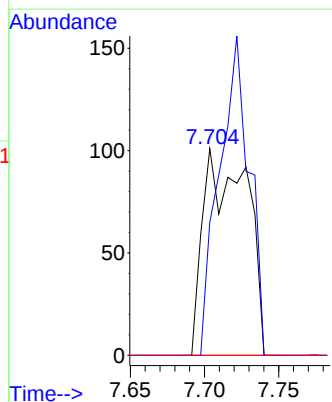
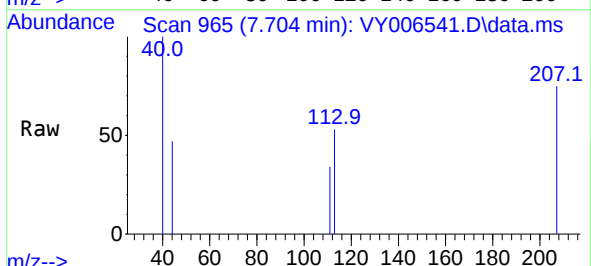
RT: 7.704 min Scan# 965

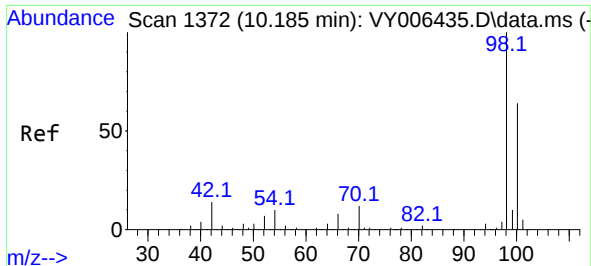
Delta R.T. -0.018 min

Lab File: VY006541.D

Acq: 29 Oct 2021 15:42

Tgt Ion:	113	Resp:	205
Ion	Ratio	Lower	Upper
113	100		
111	106.8	82.3	123.5
192	0.0	17.4	26.2





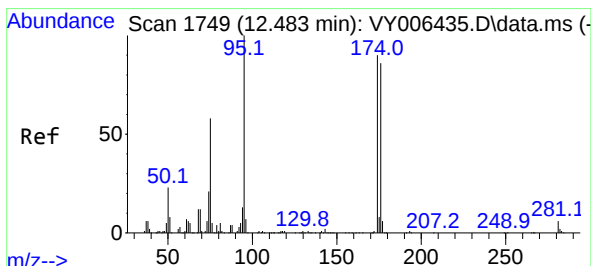
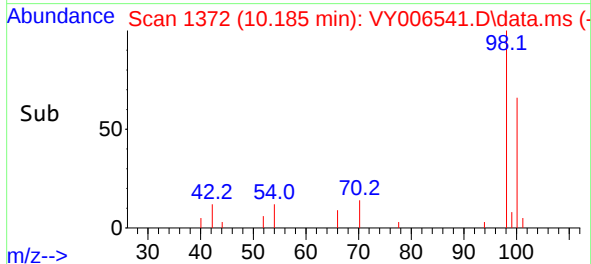
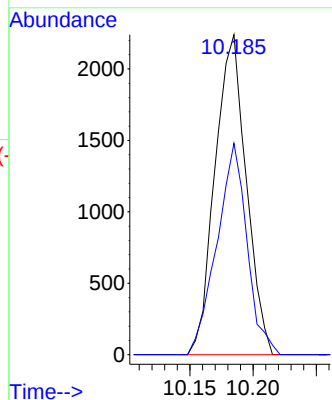
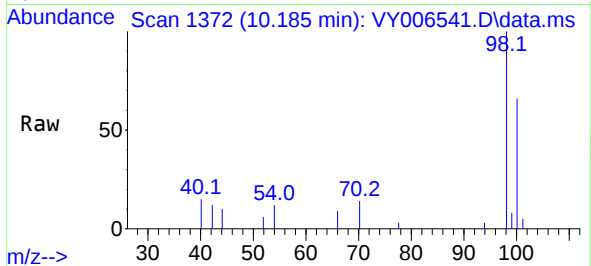
#50
Toluene-d8
Concen: 55.350 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

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VNJ-207-ETGI-340RE

Tgt Ion: 98 Resp: 384
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3

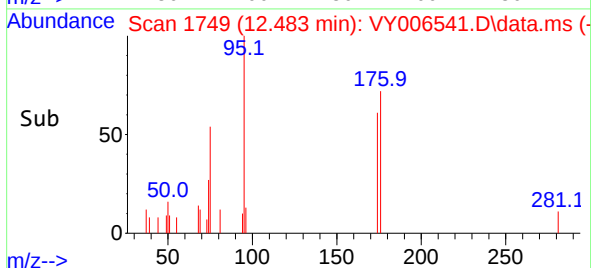
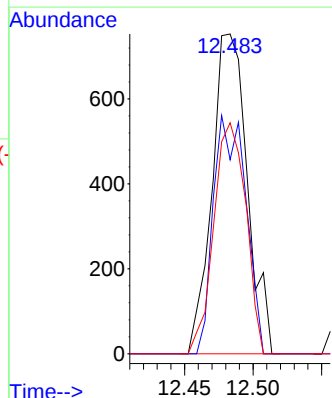
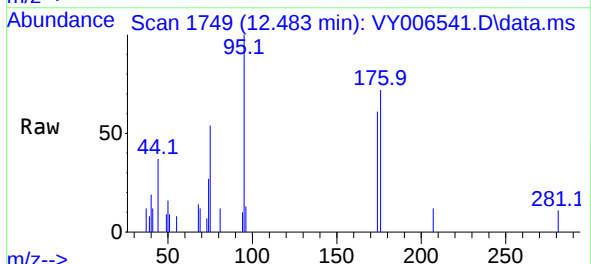
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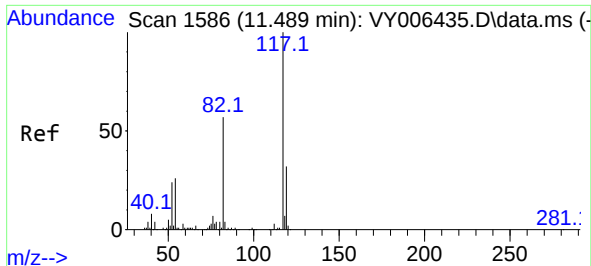
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Supervised By :Mahesh Dadoda 11/03/2021



#62
4-Bromofluorobenzene
Concen: 57.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

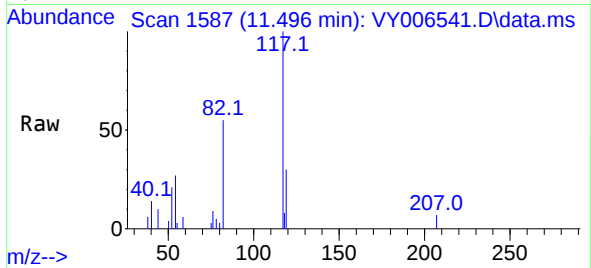
Tgt Ion: 95 Resp: 1349
Ion Ratio Lower Upper
95 100
174 68.3 0.0 177.0
176 65.5 0.0 169.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1148
Delta R.T. 0.006 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42

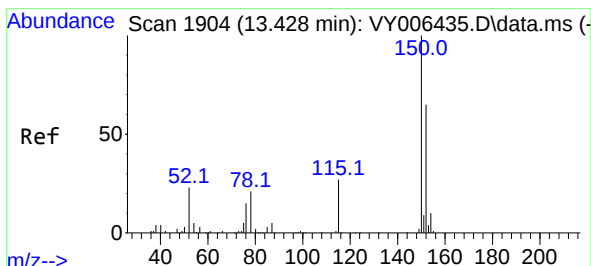
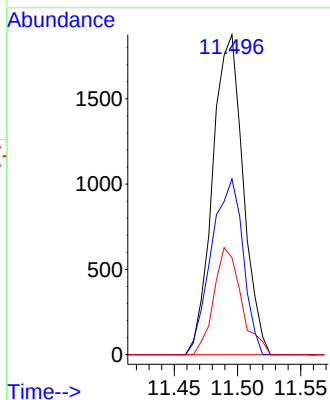
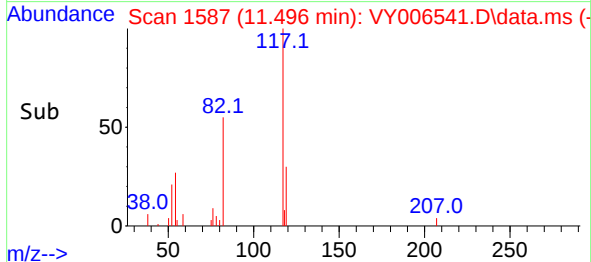
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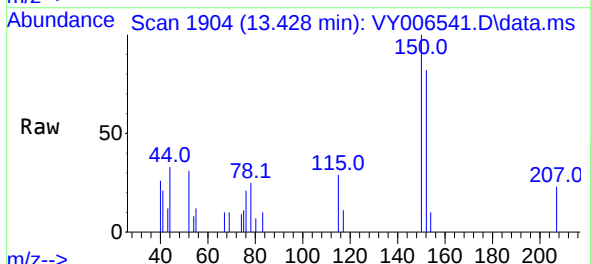
Tgt Ion:117 Resp: 3148
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 30.3 25.5 38.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006541.D
Acq: 29 Oct 2021 15:42



Tgt Ion:152 Resp: 950
Ion Ratio Lower Upper
152 100
115 50.2 28.5 85.5
150 123.3 0.0 348.2

