

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081921\
 Data File : VY005760.D
 Acq On : 19 Aug 2021 11:43
 Operator : SY/MD
 Sample : M3428-07RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-24.5-25.0RE

Manual Integrations
 APPROVED

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 8/20/2021 2:14:56 PM

Quant Time: Aug 20 06:54:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	984	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	2175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2317	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1197	120.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.340%#	
35) Dibromofluoromethane	7.728	113	413m	33.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 67.840%	
50) Toluene-d8	10.179	98	2713	53.122	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.483	95	731	43.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.440%	

Target Compounds Qvalue

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

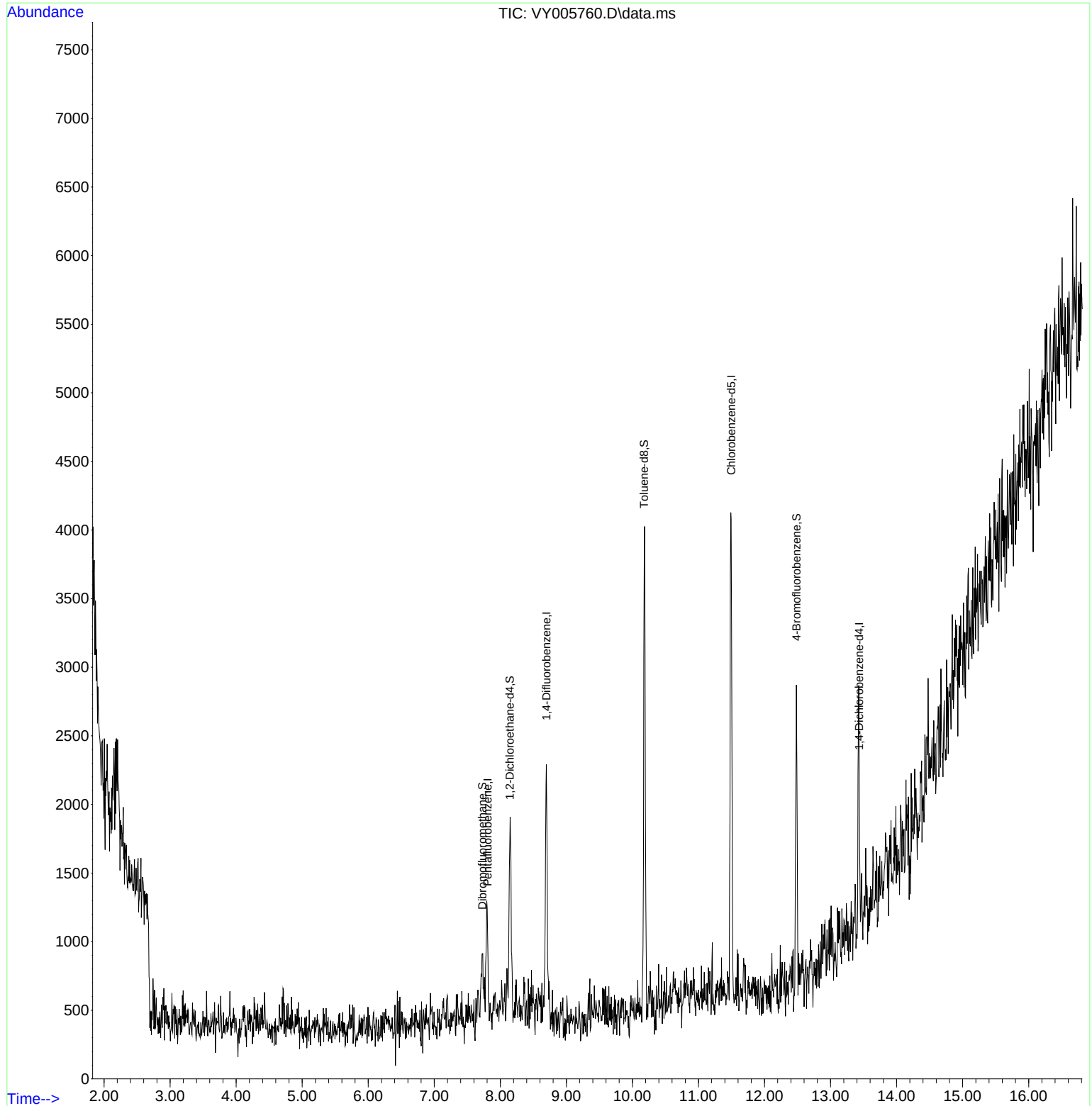
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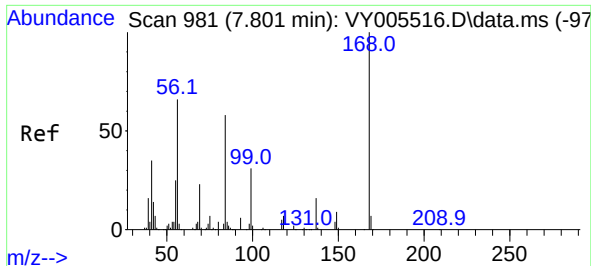
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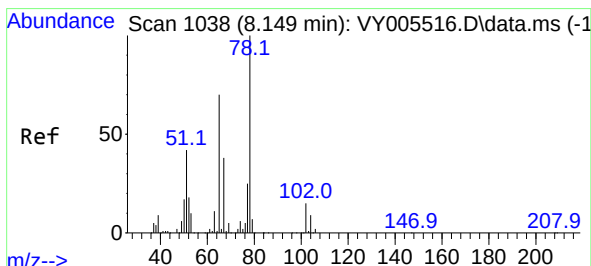
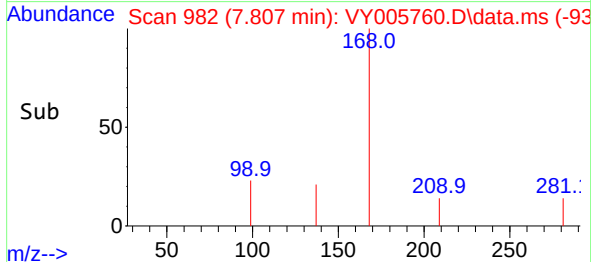
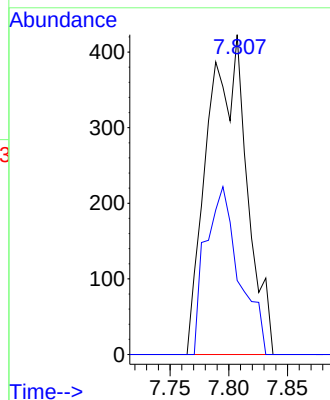
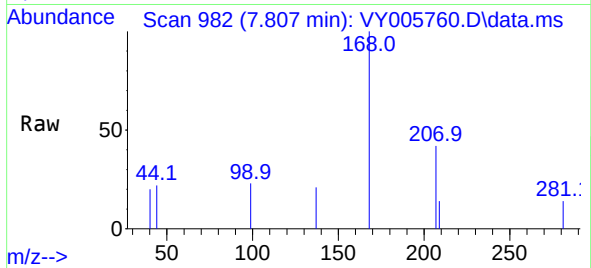
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 168 Resp: 984
Ion Ratio Lower Upper
168 100
99 23.2 38.9 58.3#

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-24.5-25.0RE

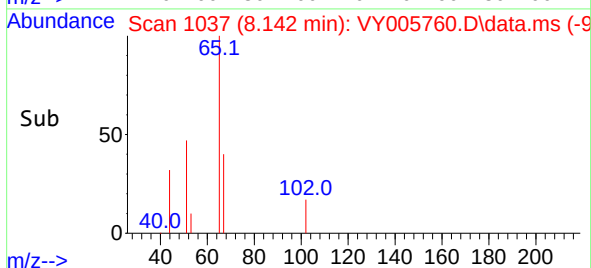
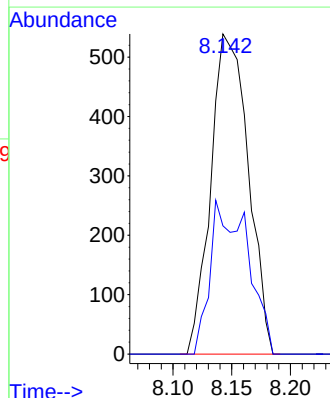
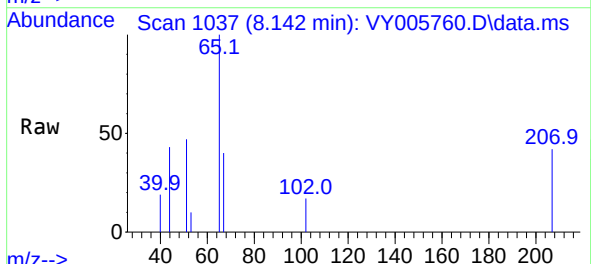
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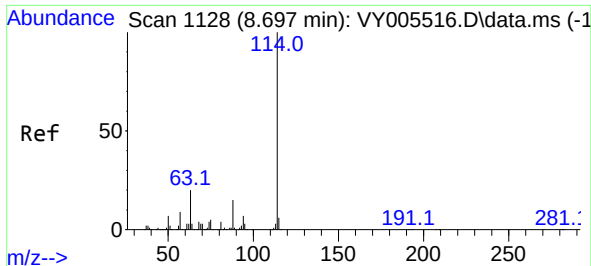
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#33
1,2-Dichloroethane-d4
Concen: 120.174 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion: 65 Resp: 1197
Ion Ratio Lower Upper
65 100
67 48.0 0.0 103.4





#34

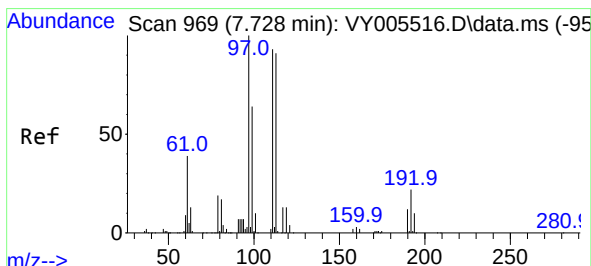
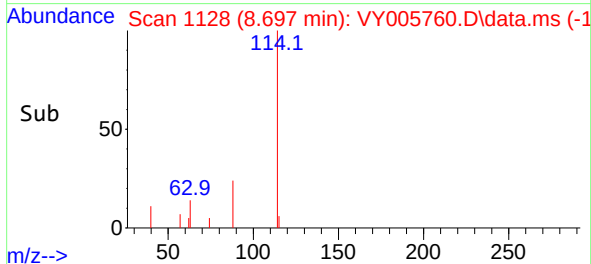
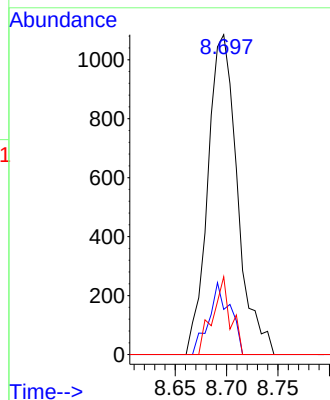
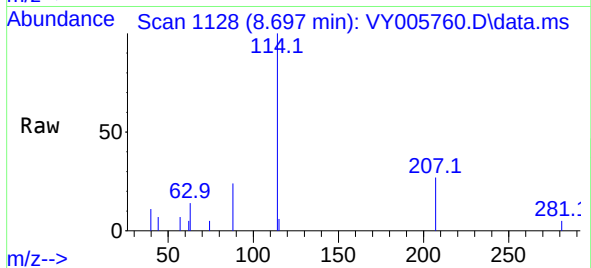
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

Tgt Ion:	114	Resp:	2175
Ion	Ratio	Lower	Upper
114	100		
63	14.1	0.0	39.2
88	24.3	0.0	30.8

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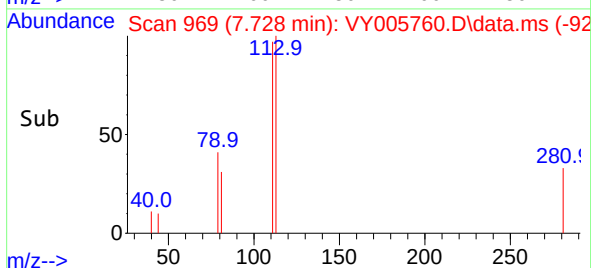
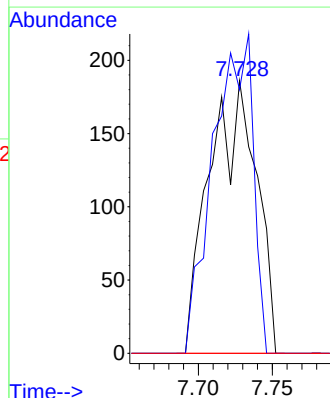
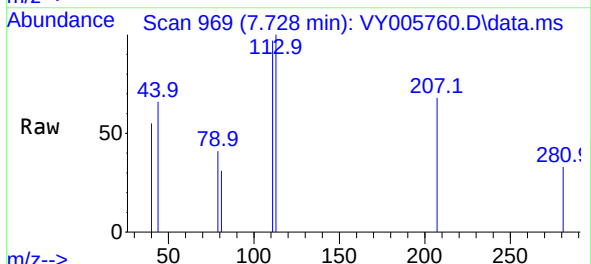
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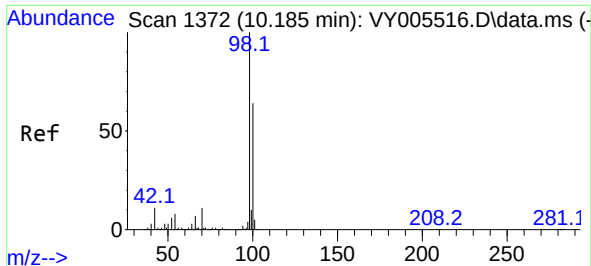


#35

Dibromofluoromethane
Concen: 33.916 ug/l m
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

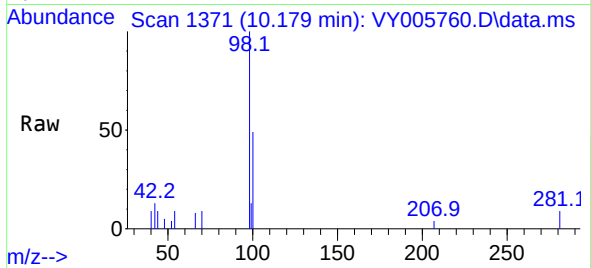
Tgt Ion:	113	Resp:	413
Ion	Ratio	Lower	Upper
113	100		
111	98.5	81.9	122.9
192	0.0	19.2	28.8#





#50
Toluene-d8
Concen: 53.122 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

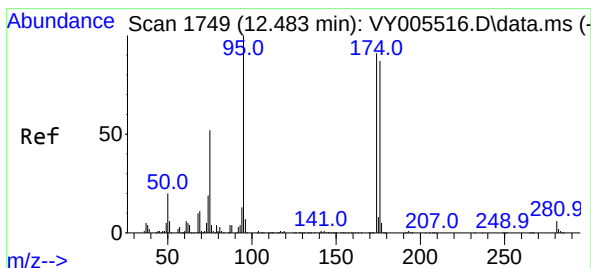
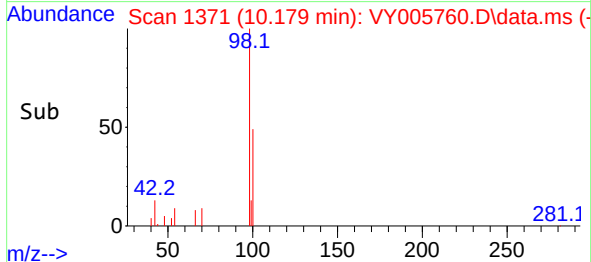
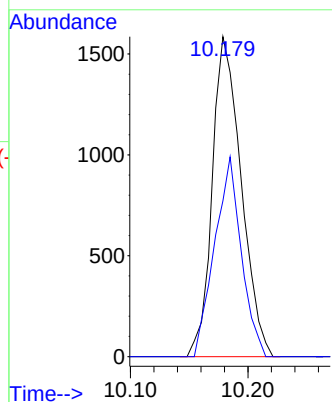
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Tgt Ion: 98 Resp: 2713
Ion Ratio Lower Upper
98 100
100 57.5 51.3 76.9

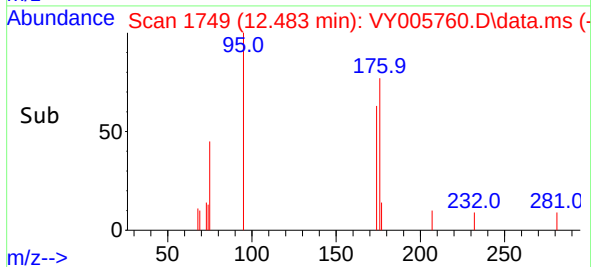
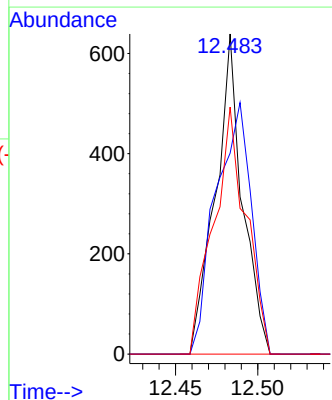
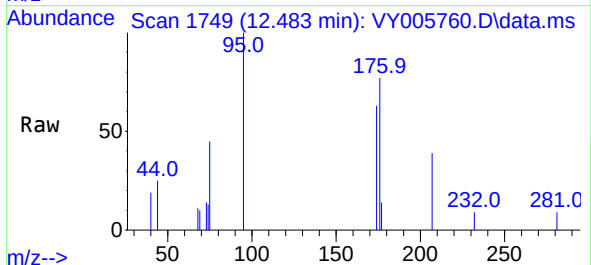
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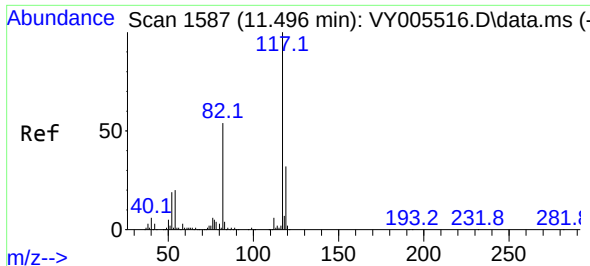
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#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

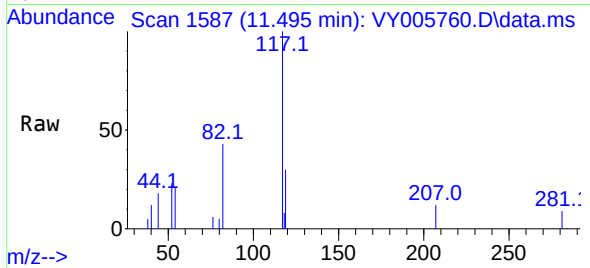
Tgt Ion: 95 Resp: 731
Ion Ratio Lower Upper
95 100
174 103.1 0.0 191.4
176 92.3 0.0 183.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43

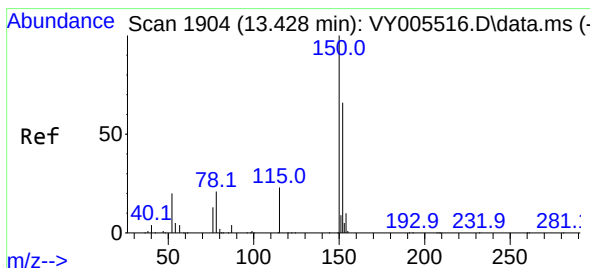
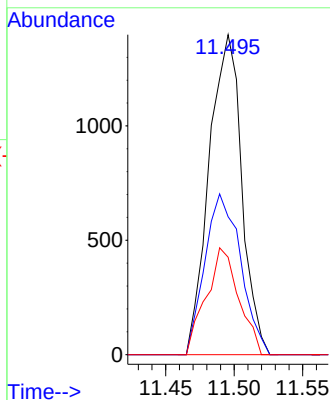
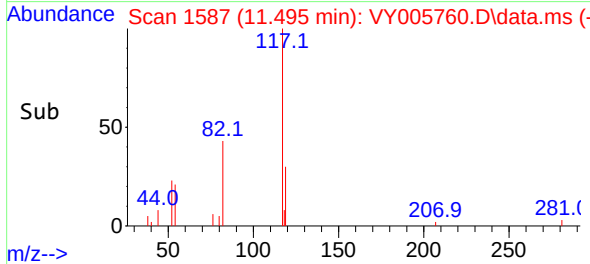
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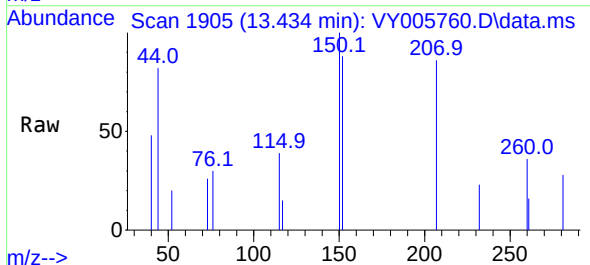
Tgt Ion	Ratio	Lower	Upper
117	100		
82	43.1	43.5	65.3#
119	30.5	25.5	38.3

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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY005760.D
Acq: 19 Aug 2021 11:43



Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.5	27.3	81.9
150	168.0	0.0	350.2

