

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091823\
 Data File : VN079293.D
 Acq On : 18 Sep 2023 18:25
 Operator : JC\MD
 Sample : 04436-22RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-9-13RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/19/2023
 Supervised By : Semsettin Yesilyurt 09/19/2023

Quant Time: Sep 19 01:27:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	133430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	254700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	215471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	55108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	104587	58.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.140%
35) Dibromofluoromethane	8.171	113	82950	48.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	274088	44.059	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.120%
62) 4-Bromofluorobenzene	12.853	95	76880	38.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	77.480%#

Target Compounds	Qvalue

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

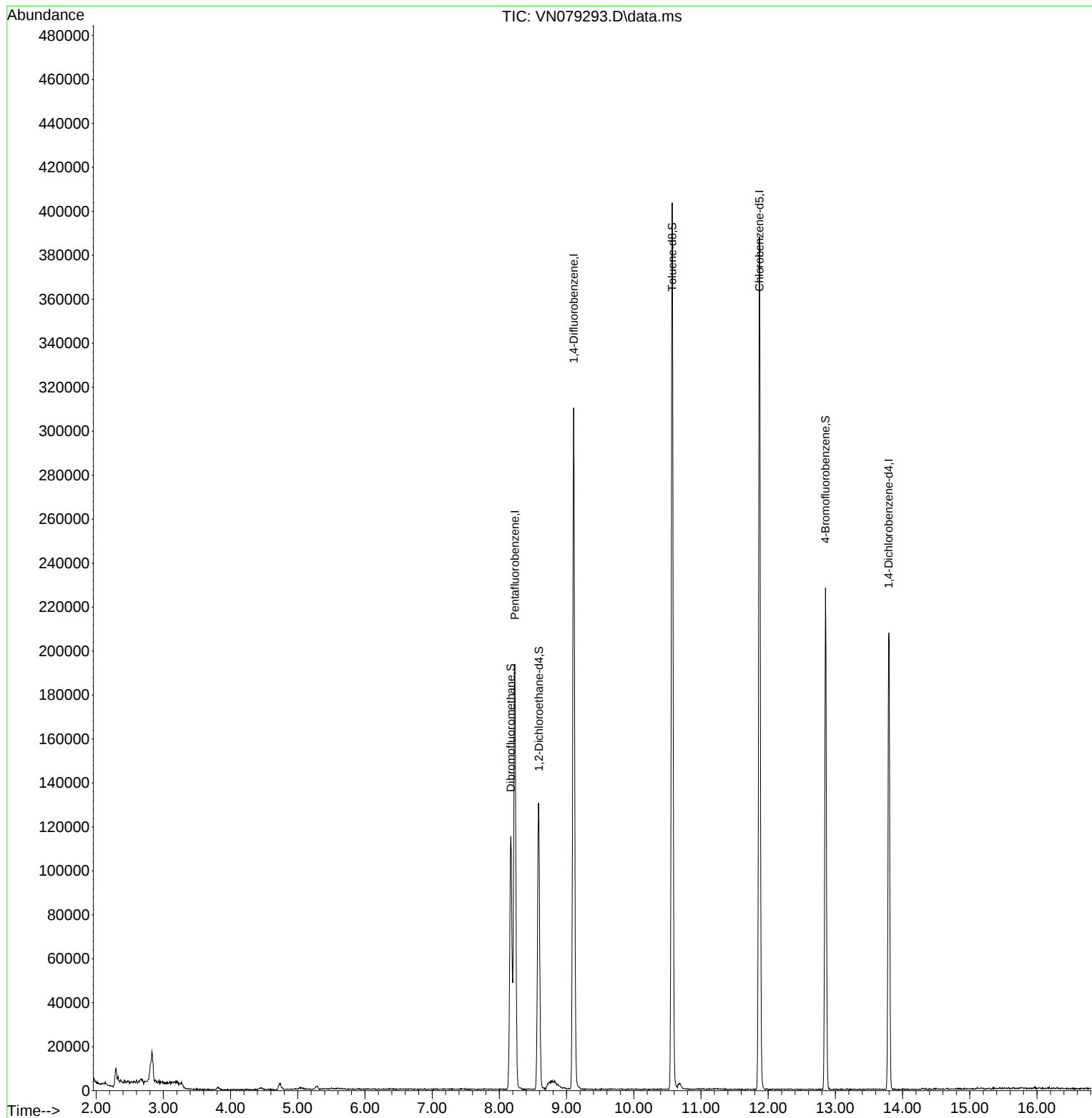
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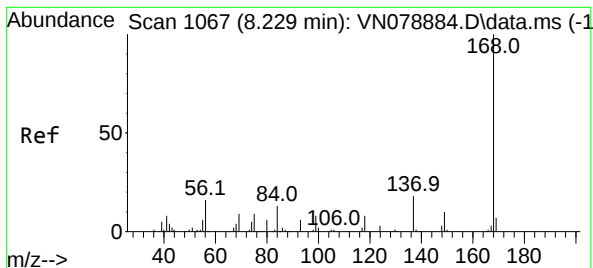
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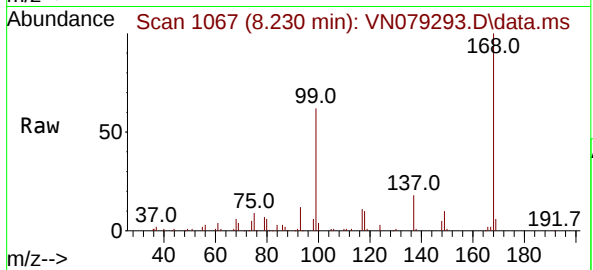
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

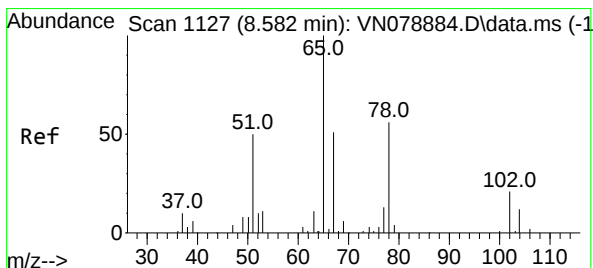
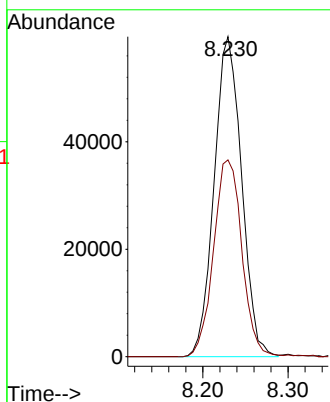
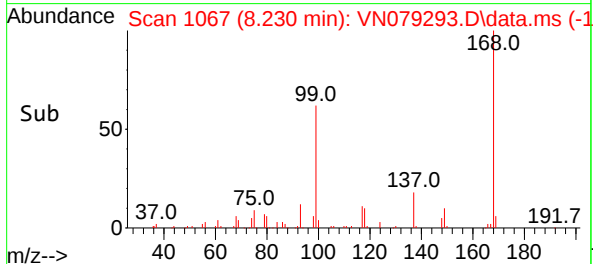
Instrument :
MSVOA_N
ClientSampleId :
TB-9-13RE



Tgt Ion:168 Resp: 133430
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6

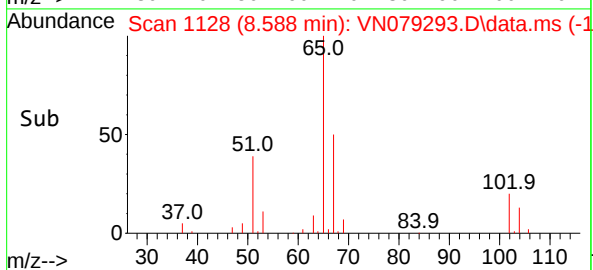
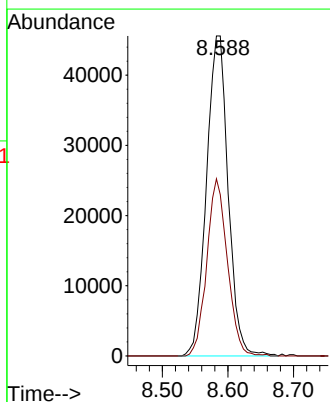
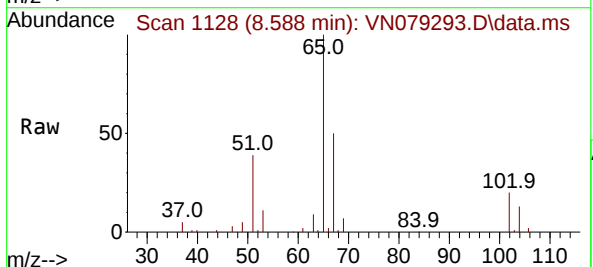
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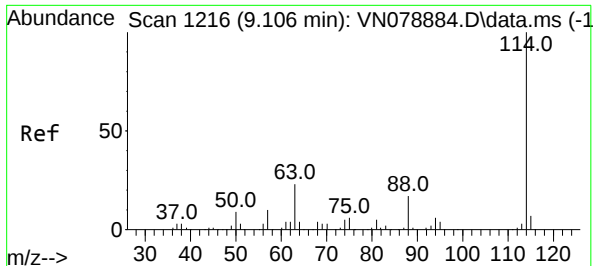
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#33
1,2-Dichloroethane-d4
Concen: 58.066 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

Tgt Ion: 65 Resp: 104587
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6





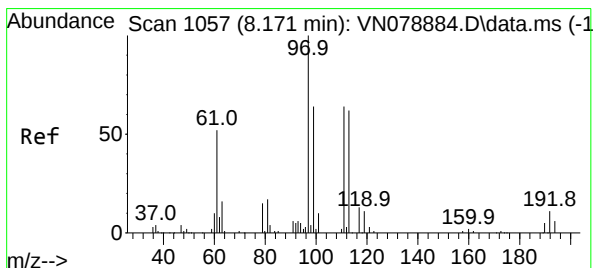
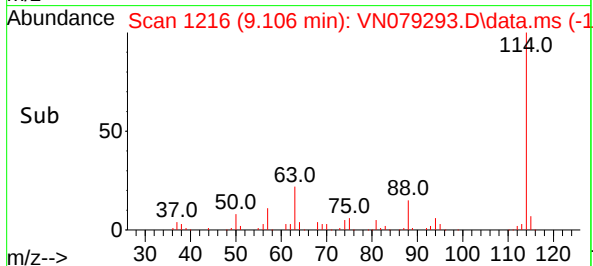
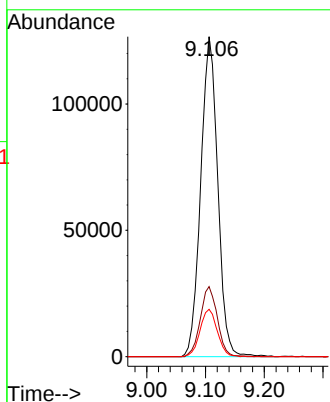
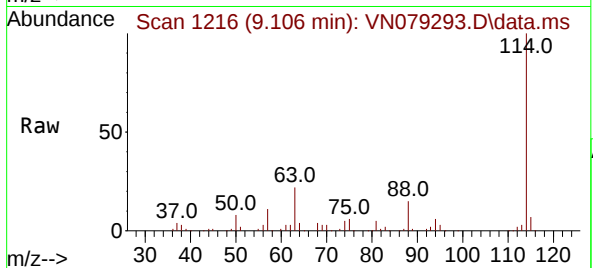
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.006 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

Instrument :
MSVOA_N
ClientSampleId :
TB-9-13RE

Tgt Ion:114 Resp: 254700
Ion Ratio Lower Upper
114 100
63 21.9 0.0 36.4
88 14.8 0.0 30.6

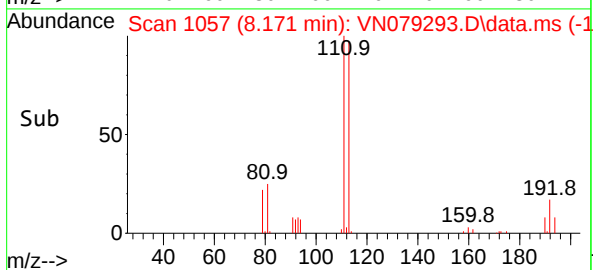
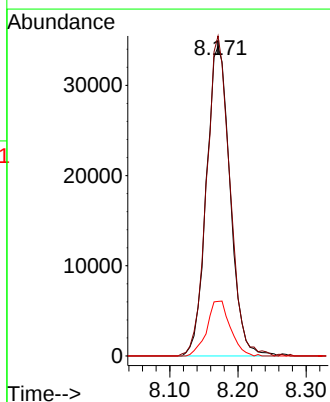
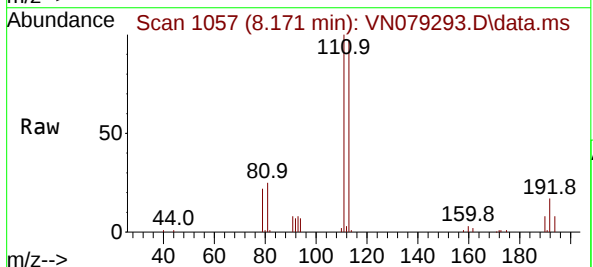
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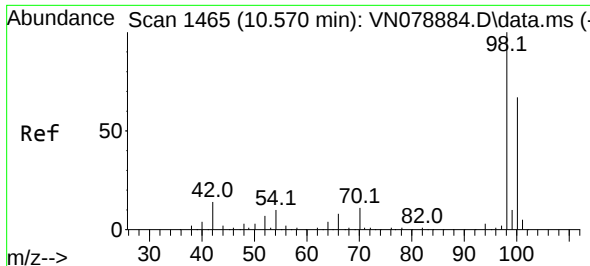
Reviewed By :John Carlone 09/19/2023
Supervised By :Semsettin Yesilyurt 09/19/2023



#35
Dibromofluoromethane
Concen: 48.961 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

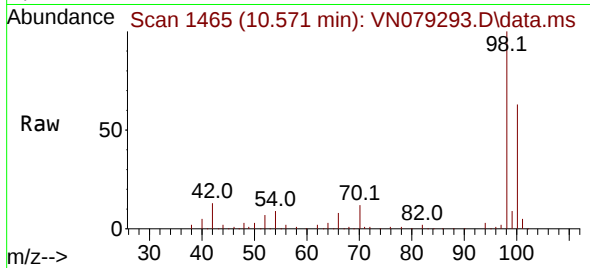
Tgt Ion:113 Resp: 82950
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 17.5 12.7 19.1





#50
Toluene-d8
Concen: 44.059 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

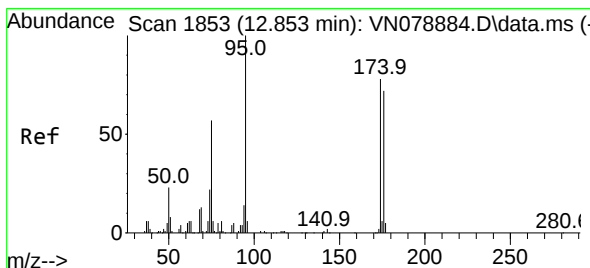
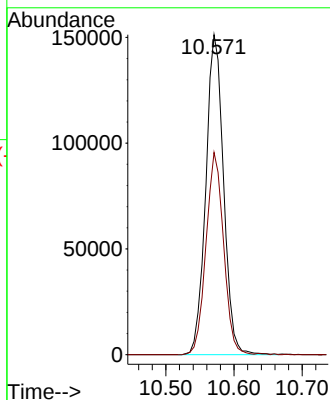
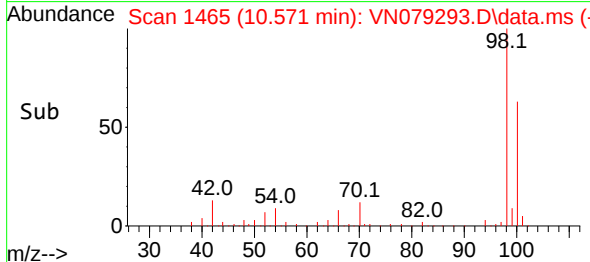
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Tgt Ion: 98 Resp: 274088
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

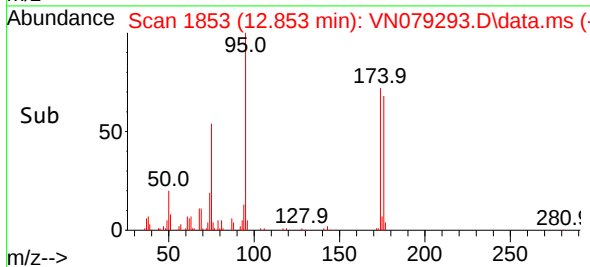
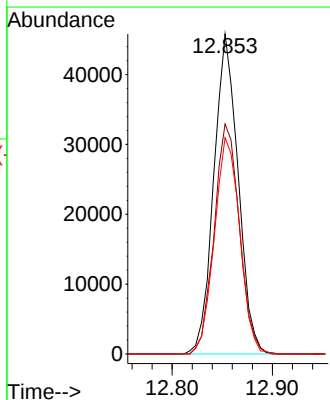
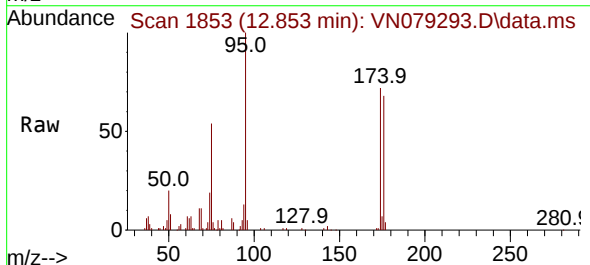
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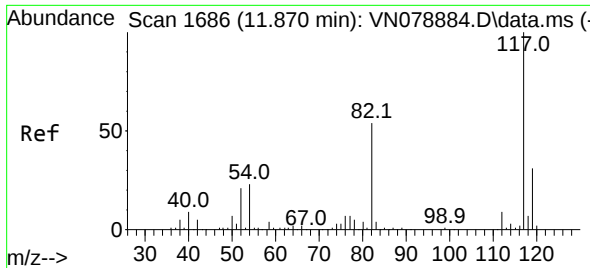
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#62
4-Bromofluorobenzene
Concen: 38.743 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

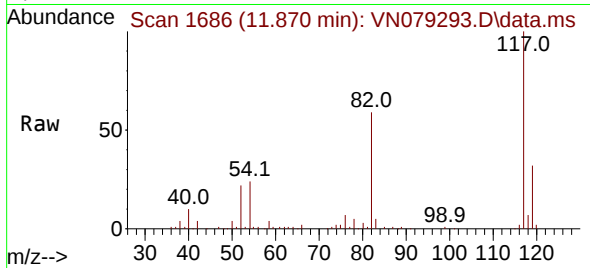
Tgt Ion: 95 Resp: 76880
Ion Ratio Lower Upper
95 100
174 74.6 0.0 143.8
176 70.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25

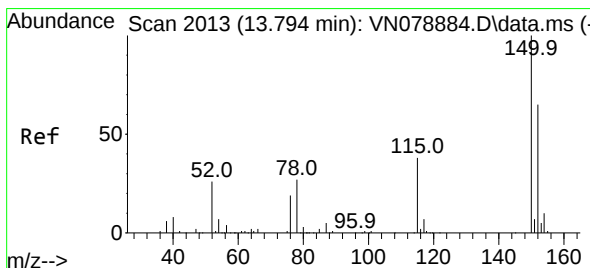
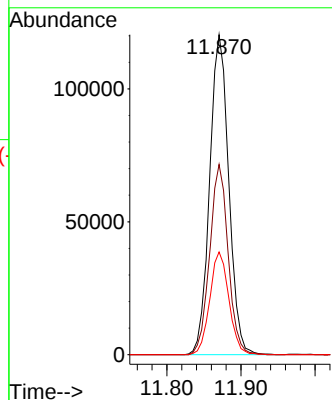
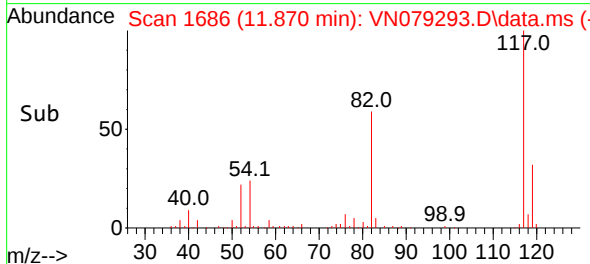
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ClientSampleId :
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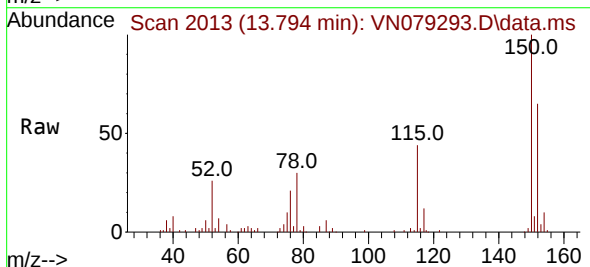
Tgt Ion:117 Resp: 21547
Ion Ratio Lower Upper
117 100
82 59.5 44.0 66.0
119 32.1 25.6 38.4

Manual Integrations
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Supervised By :Semsettin Yesilyurt 09/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079293.D
Acq: 18 Sep 2023 18:25



Tgt Ion:152 Resp: 55108
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 159.7 0.0 355.8

