

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110722\
 Data File : VN075189.D
 Acq On : 07 Nov 2022 15:45
 Operator : JC\MD
 Sample : PB148848ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148848ZHE#01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2022
 Supervised By : Mahesh Dadoda 11/08/2022

Quant Time: Nov 08 01:10:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	197119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	183927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	70652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77117	56.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.840%			
35) Dibromofluoromethane	8.171	113	62250	53.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.571	98	238595	53.144	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.280%			
62) 4-Bromofluorobenzene	12.853	95	78480	49.762	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.520%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	8830	15.256	ug/l	94
18) Methyl Acetate	5.059	43	2987m	1.580	ug/l	
20) Methylene Chloride	5.277	84	13071	10.129	ug/l #	85
37) Ethyl Acetate	7.571	43	17558	8.937	ug/l	97
43) Isopropyl Acetate	8.694	43	124951m	41.000	ug/l	

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

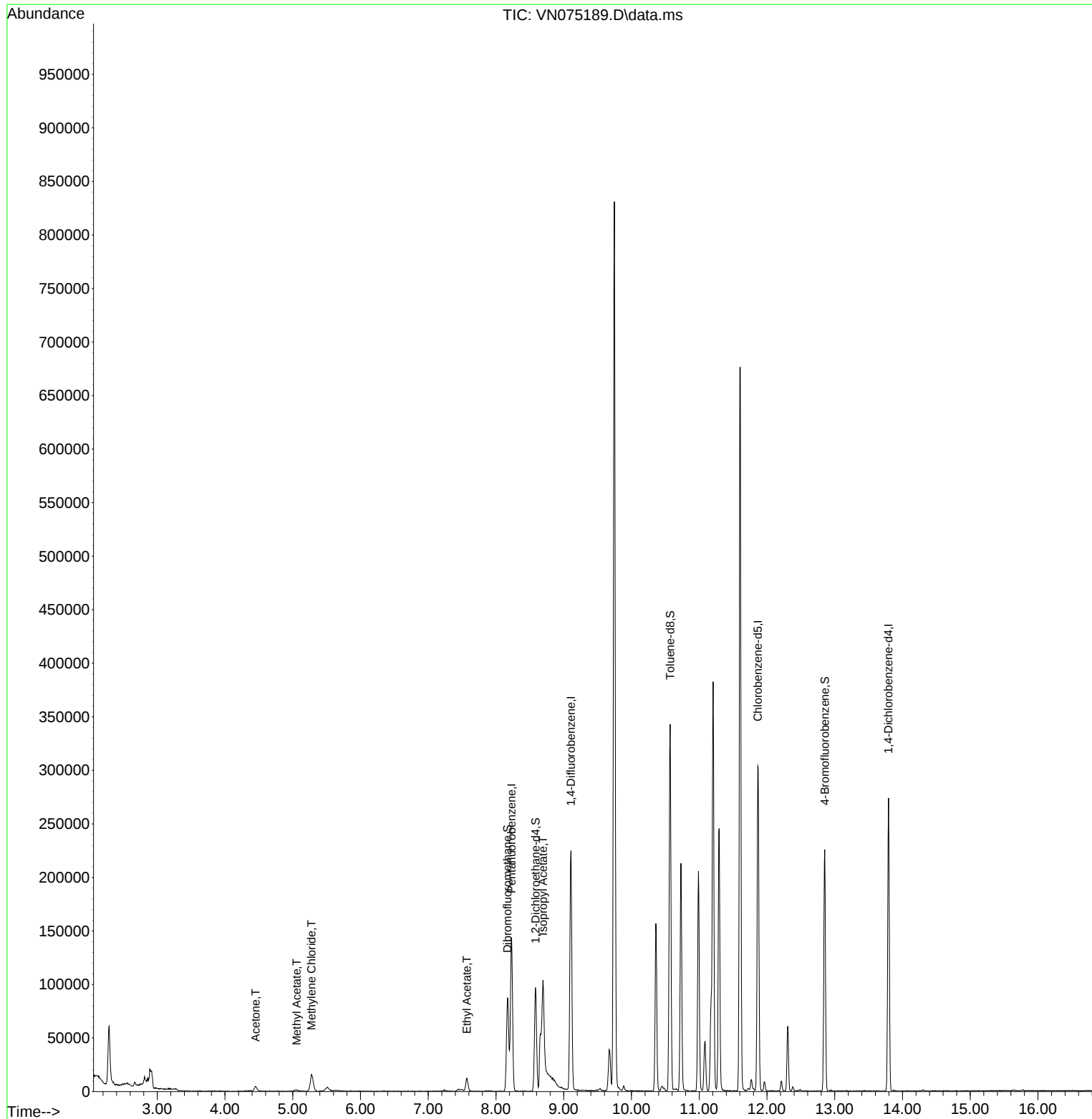
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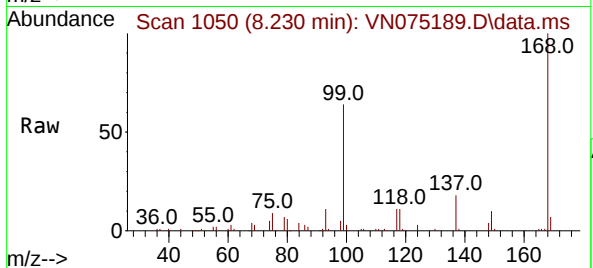
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

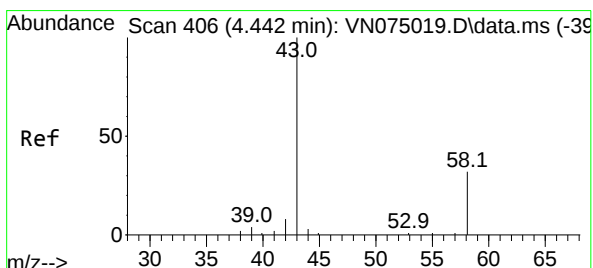
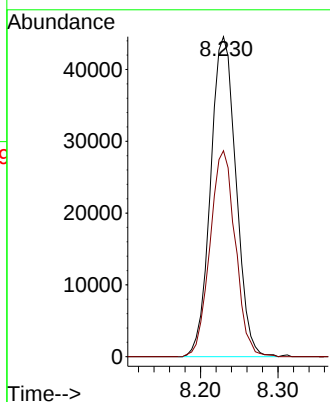
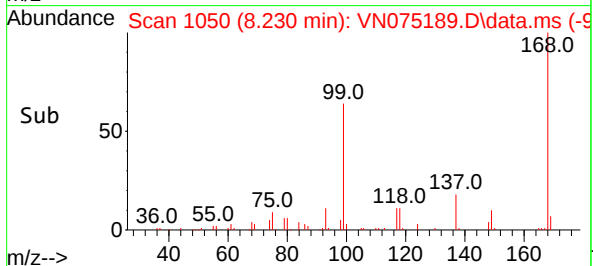
Instrument :
MSVOA_N
ClientSampleId :
PB148848ZHE#01



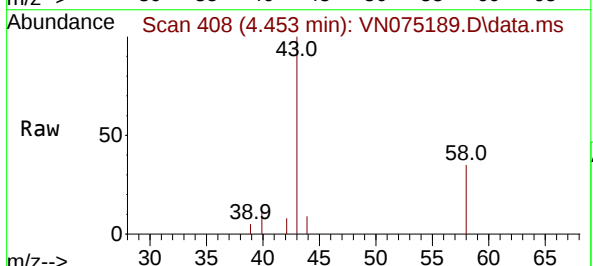
Tgt Ion:168 Resp: 101448
Ion Ratio Lower Upper
168 100
99 64.4 51.6 77.4

Manual Integrations
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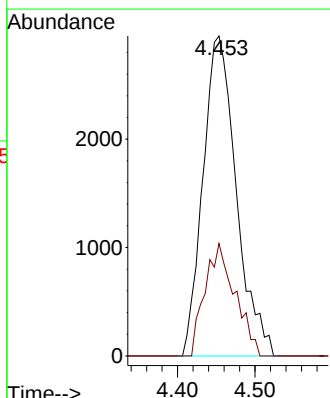
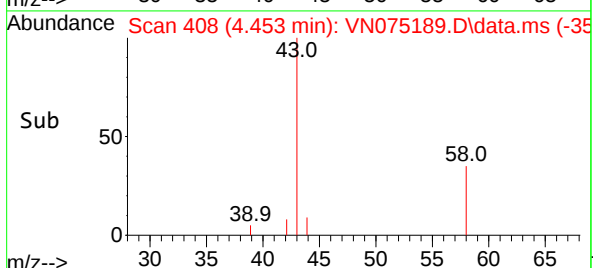
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#16
Acetone
Concen: 15.256 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45



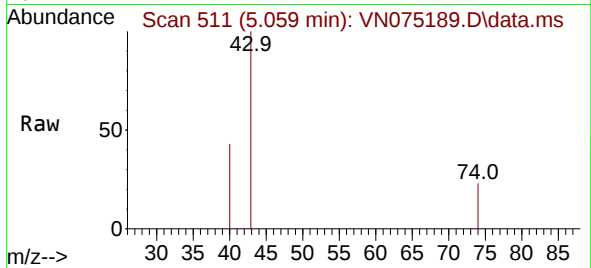
Tgt Ion: 43 Resp: 8830
Ion Ratio Lower Upper
43 100
58 35.2 25.5 38.3





#18
Methyl Acetate
Concen: 1.580 ug/l m
RT: 5.059 min Scan# 511
Delta R.T. 0.017 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

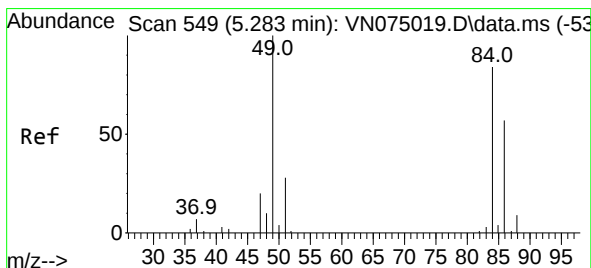
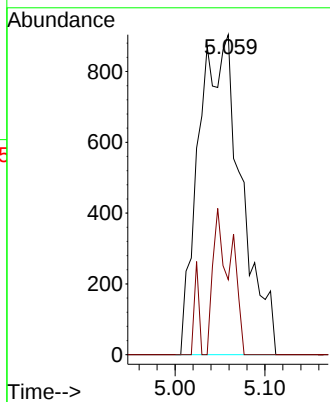
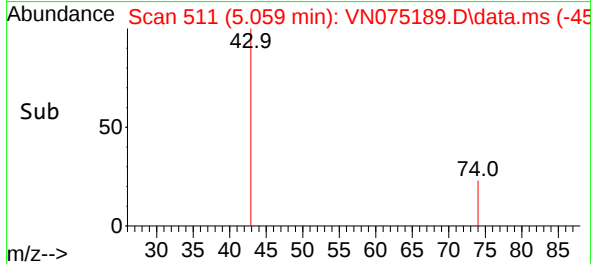
Instrument :
MSVOA_N
ClientSampleId :
PB148848ZHE#01



Tgt Ion: 43 Resp: 298
Ion Ratio Lower Upper
43 100
74 19.2 22.0 33.0

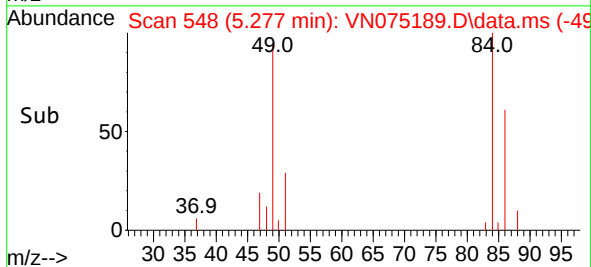
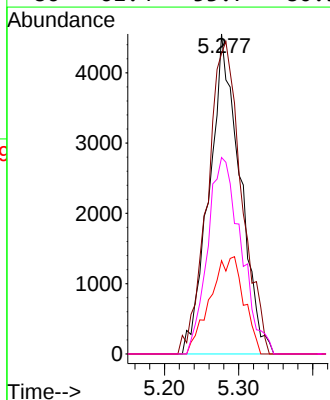
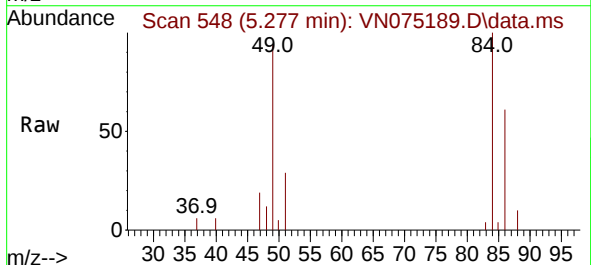
Manual Integrations
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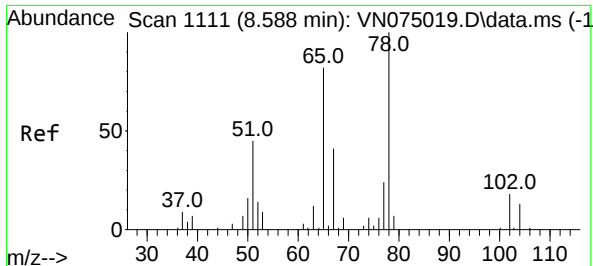
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#20
Methylene Chloride
Concen: 10.129 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

Tgt Ion: 84 Resp: 13071
Ion Ratio Lower Upper
84 100
49 93.9 94.9 142.3#
51 29.1 26.8 40.2
86 61.4 53.7 80.5





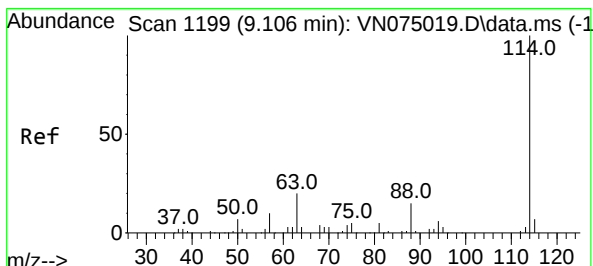
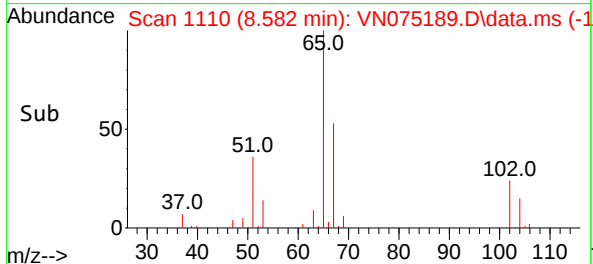
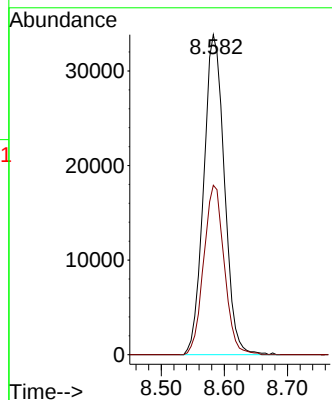
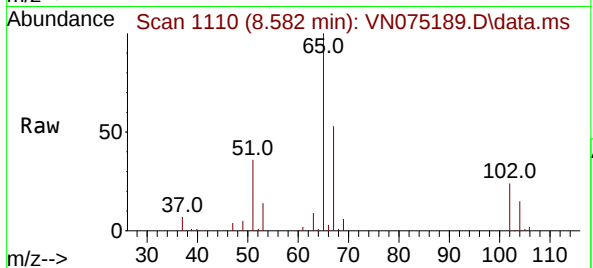
#33
1,2-Dichloroethane-d4
Concen: 56.418 ug/l
RT: 8.582 min Scan# 1111
Delta R.T. -0.005 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB148848ZHE#01

Tgt Ion: 65 Resp: 7711
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0

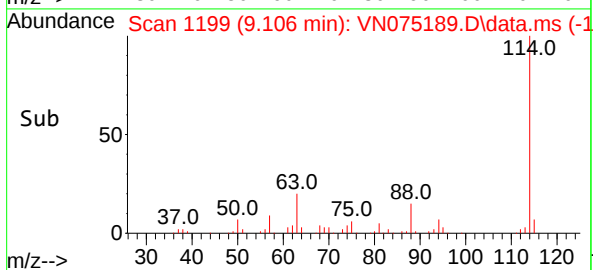
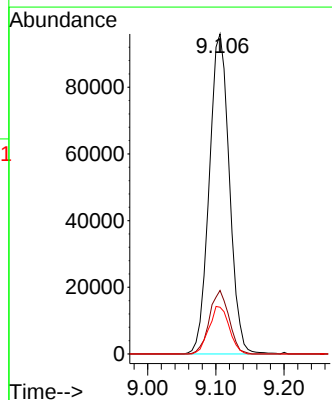
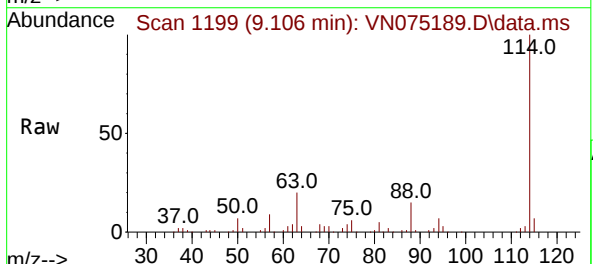
Manual Integrations
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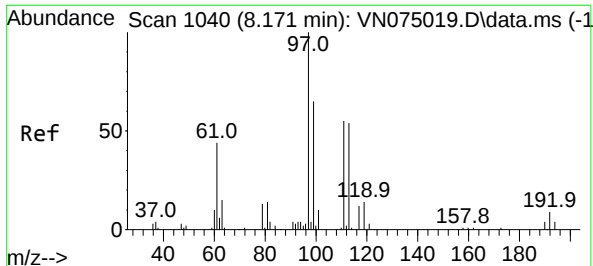
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

Tgt Ion:114 Resp: 197119
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.6
88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.794 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075189.D

Acq: 07 Nov 2022 15:45

Instrument :

MSVOA_N

ClientSampleId :

PB148848ZHE#01

Tgt Ion: 113 Resp: 62250

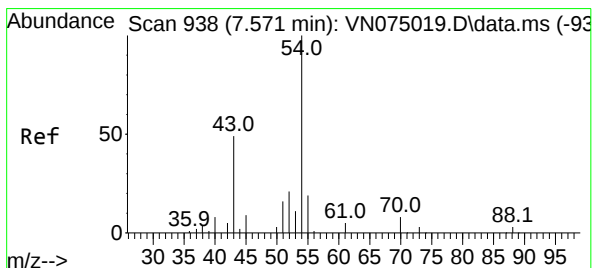
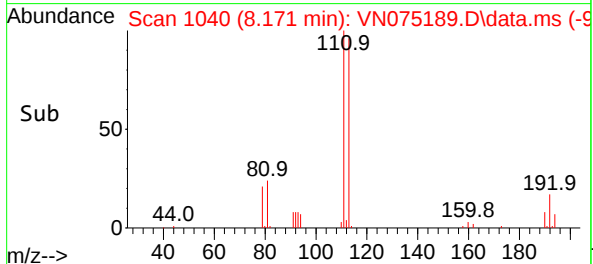
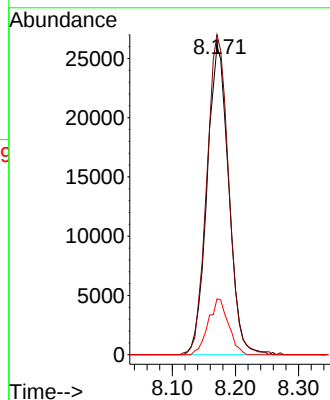
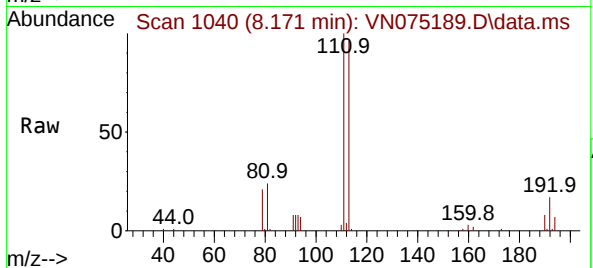
Ion	Ratio	Lower	Upper
113	100		
111	104.3	80.5	120.7
192	16.8	13.2	19.8

Manual Integrations

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Reviewed By :John Carlone 11/08/2022

Supervised By :Mahesh Dadoda 11/08/2022



#37

Ethyl Acetate

Concen: 8.937 ug/l

RT: 7.571 min Scan# 938

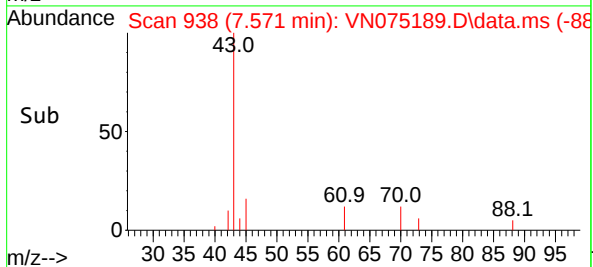
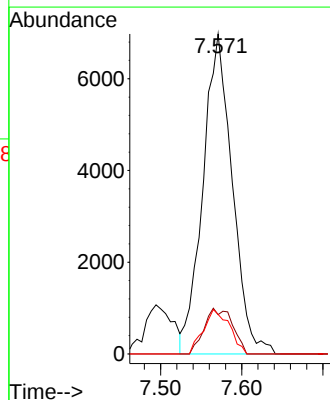
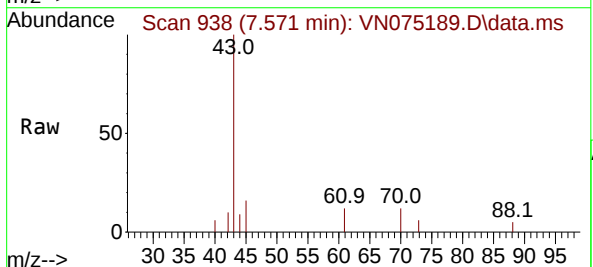
Delta R.T. -0.000 min

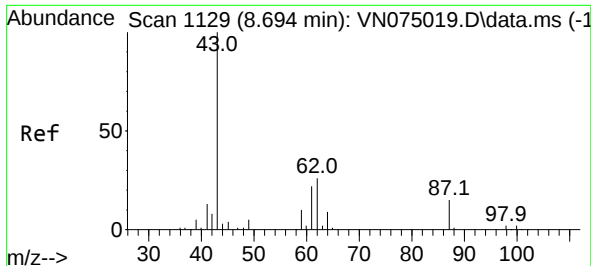
Lab File: VN075189.D

Acq: 07 Nov 2022 15:45

Tgt Ion: 43 Resp: 17558

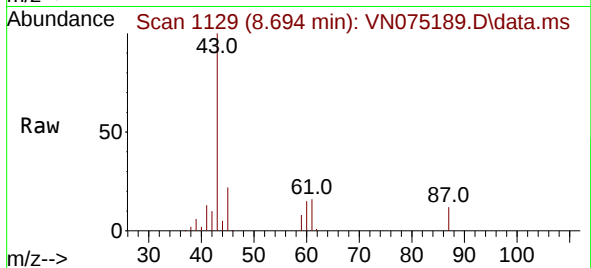
Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.2	18.4
70	12.3	9.4	14.2





#43
Isopropyl Acetate
Concen: 41.000 ug/l m
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

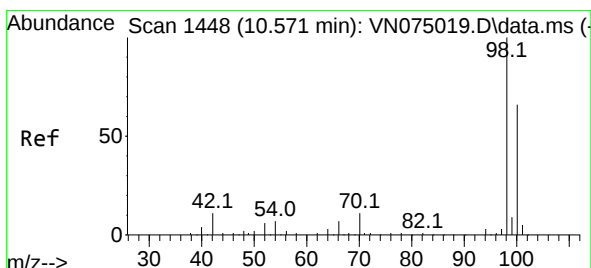
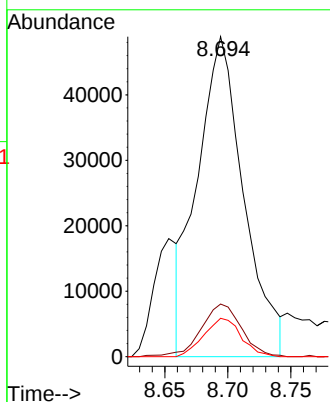
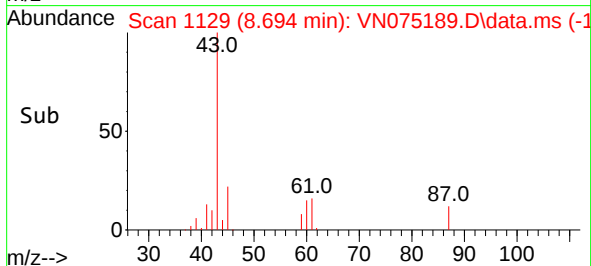
Instrument :
MSVOA_N
ClientSampleId :
PB148848ZHE#01



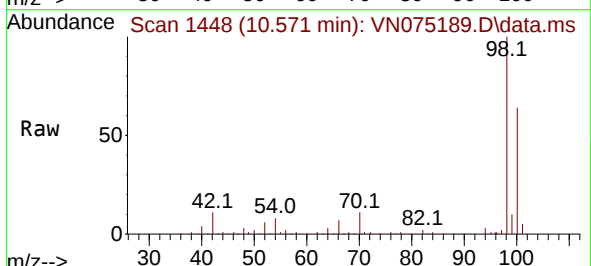
Tgt Ion: 43 Resp: 12495
Ion Ratio Lower Upper
43 100
61 14.4 22.4 33.6
87 9.7 12.5 18.7

Manual Integrations
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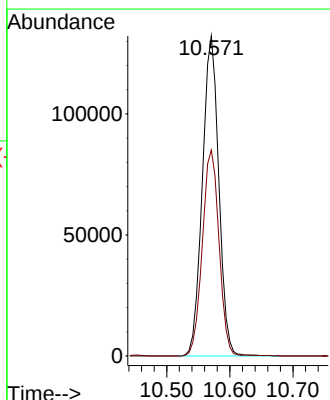
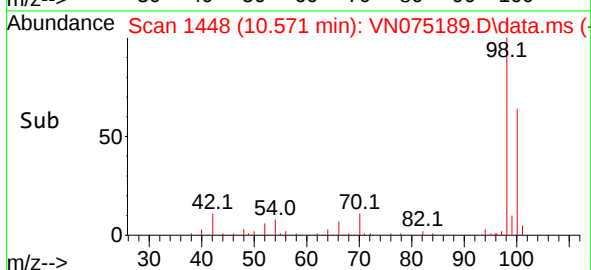
Reviewed By :John Carlone 11/08/2022
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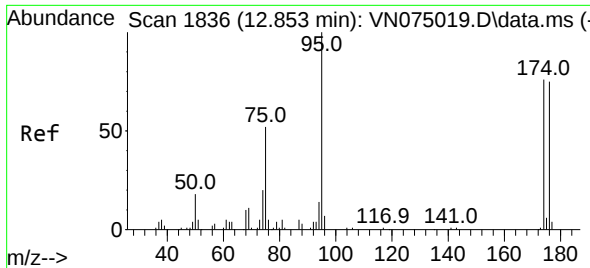


#50
Toluene-d8
Concen: 53.144 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45



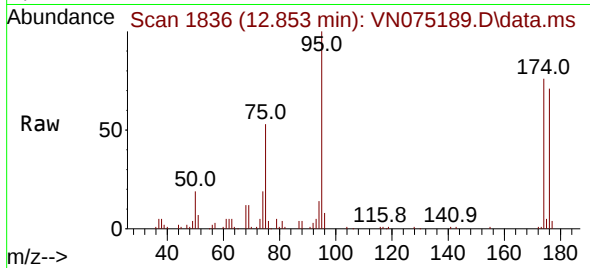
Tgt Ion: 98 Resp: 238595
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 49.762 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45

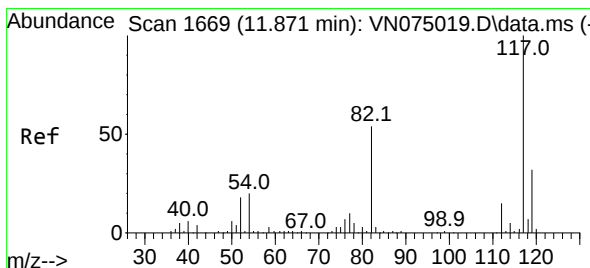
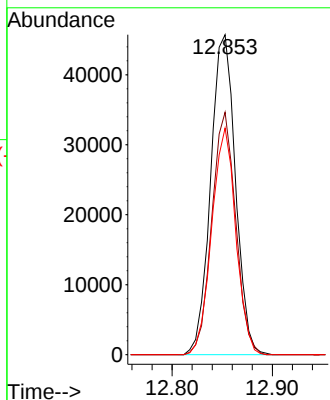
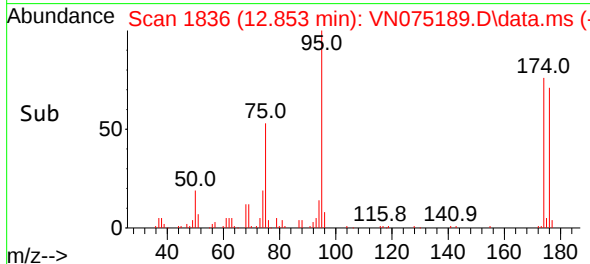
Instrument :
MSVOA_N
ClientSampleId :
PB148848ZHE#01



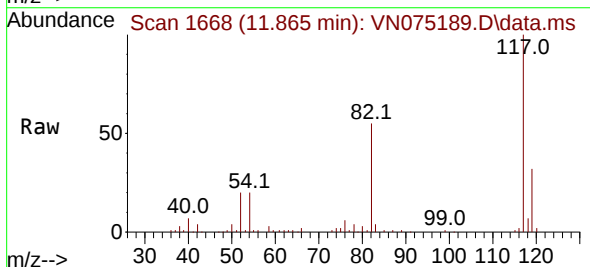
Tgt Ion: 95 Resp: 78480
Ion Ratio Lower Upper
95 100
174 73.0 0.0 147.4
176 68.7 0.0 142.2

Manual Integrations
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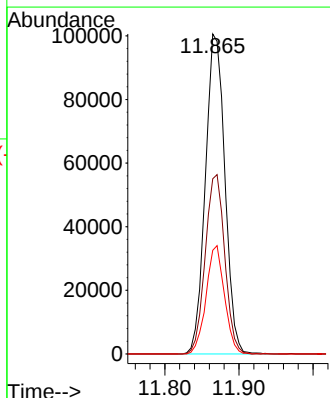
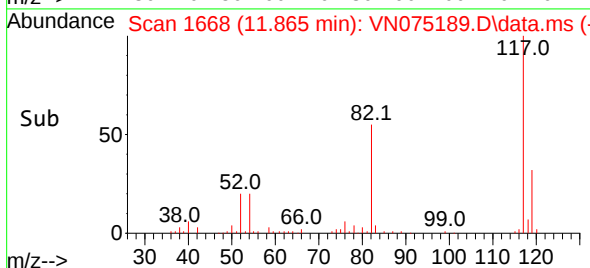
Reviewed By :John Carlone 11/08/2022
Supervised By :Mahesh Dadoda 11/08/2022

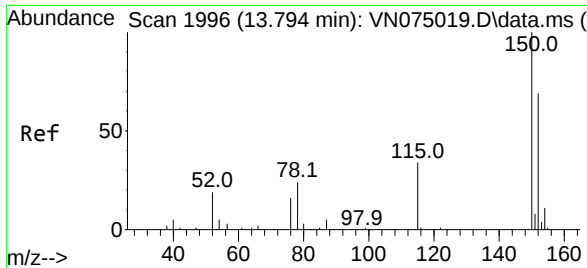


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075189.D
Acq: 07 Nov 2022 15:45



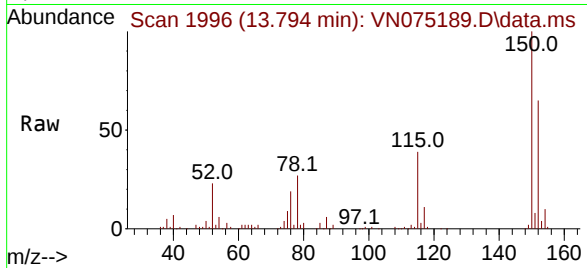
Tgt Ion:117 Resp: 183927
Ion Ratio Lower Upper
117 100
82 54.8 43.1 64.7
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075189.D
 Acq: 07 Nov 2022 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148848ZHE#01



Tgt Ion:152 Resp: 70652
 Ion Ratio Lower Upper
 152 100
 115 63.2 30.2 90.6
 150 161.7 0.0 348.4

Manual Integrations
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