

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075173.D
 Acq On : 04 Nov 2022 14:33
 Operator : JC\MD
 Sample : PB148795ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148795ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:59:09 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	95878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	181202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	69491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	78104	60.459	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.920%			
35) Dibromofluoromethane	8.171	113	60066	52.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.700%			
50) Toluene-d8	10.571	98	238628	54.116	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.847	95	76257	49.230	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.460%			
Target Compounds						
16) Acetone	4.459	43	7946	14.527	ug/l #	85
18) Methyl Acetate	5.036	43	4830m	2.703	ug/l	
20) Methylene Chloride	5.277	84	9434	7.735	ug/l	92
37) Ethyl Acetate	7.565	43	17757	9.202	ug/l	97
43) Isopropyl Acetate	8.694	43	149527m	49.954	ug/l	

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

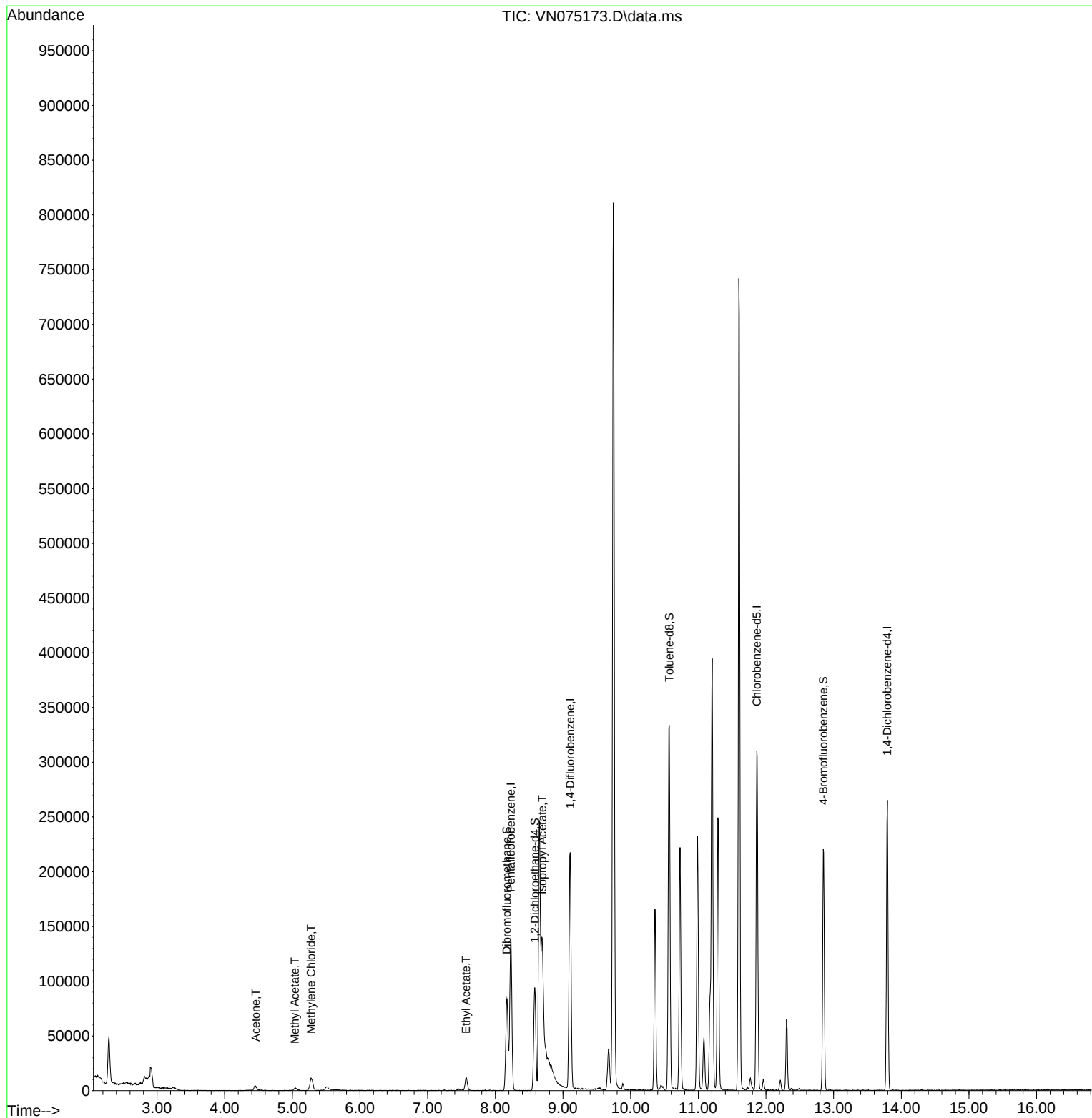
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
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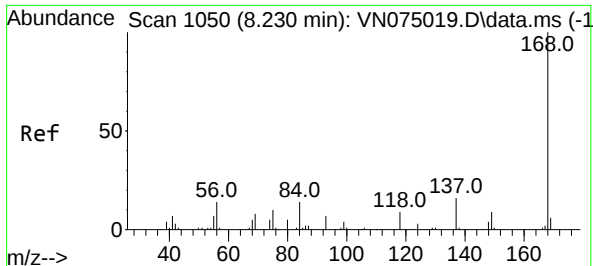
Instrument :
MSVOA_N
ClientSampleId :
PB148795ZHE#02

Quant Time: Nov 05 06:59:09 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

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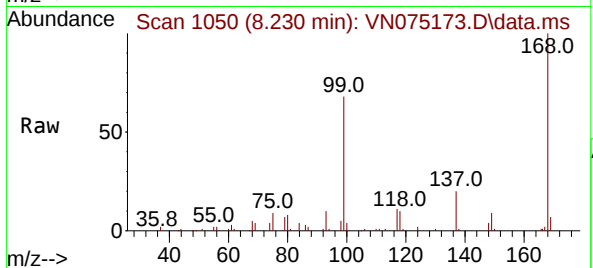
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33

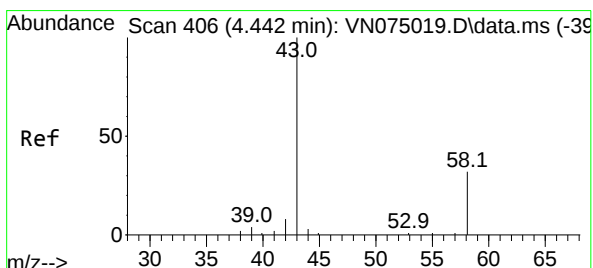
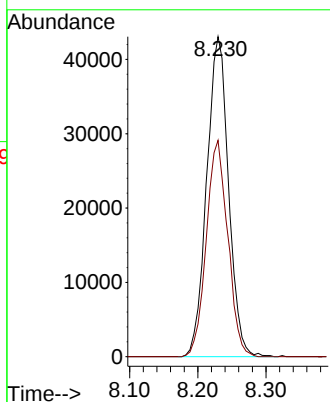
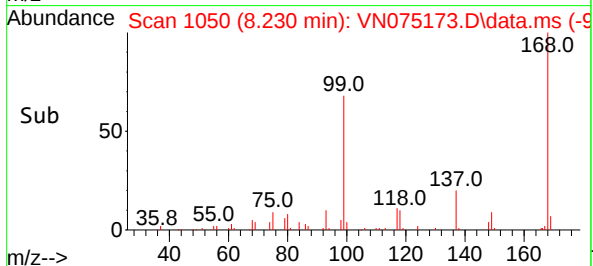
Instrument :
MSVOA_N
ClientSampleId :
PB148795ZHE#02



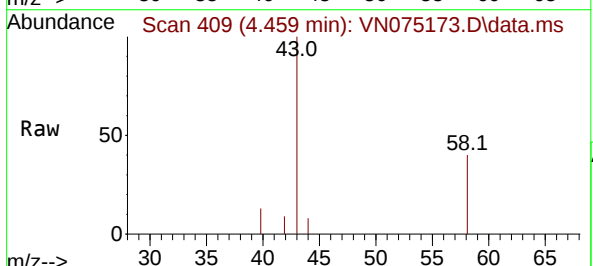
Tgt Ion:168 Resp: 95878
Ion Ratio Lower Upper
168 100
99 67.6 51.6 77.4

Manual Integrations
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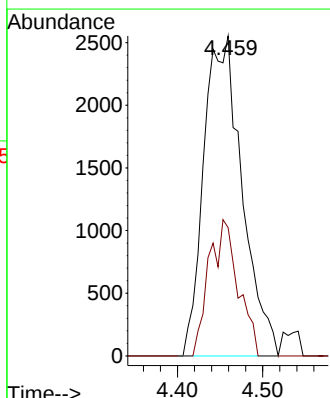
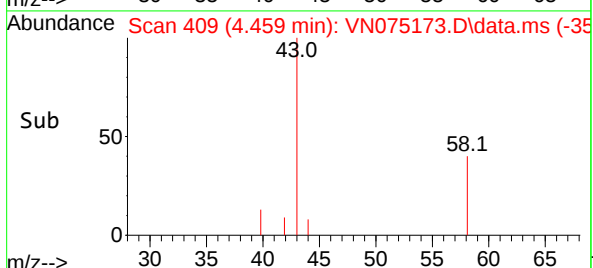
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022

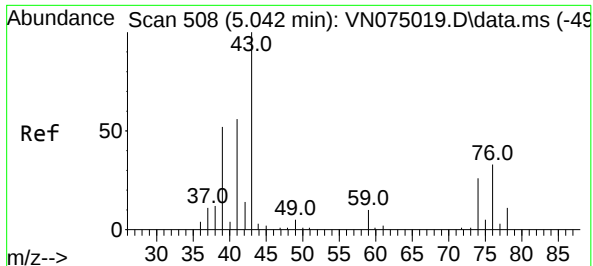


#16
Acetone
Concen: 14.527 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33



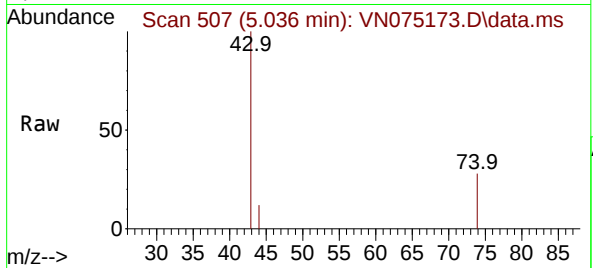
Tgt Ion: 43 Resp: 7946
Ion Ratio Lower Upper
43 100
58 40.1 25.5 38.3#





#18
Methyl Acetate
Concen: 2.703 ug/l m
RT: 5.036 min Scan# 508
Delta R.T. -0.006 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33

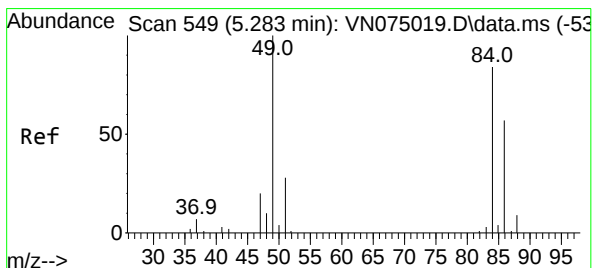
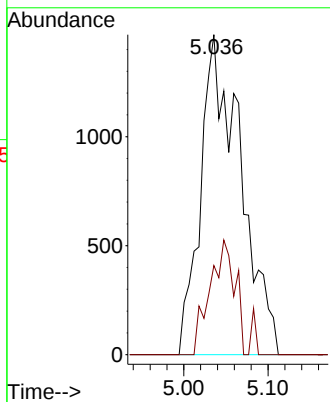
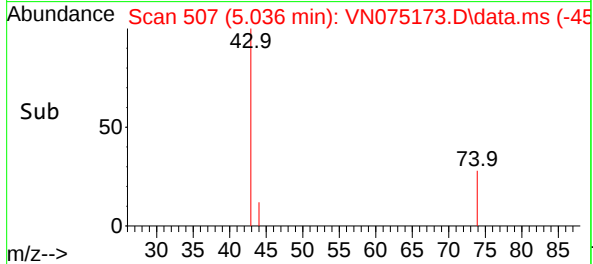
Instrument :
MSVOA_N
ClientSampleId :
PB148795ZHE#02



Tgt Ion: 43 Resp: 4830
Ion Ratio Lower Upper
43 100
74 22.4 22.0 33.0

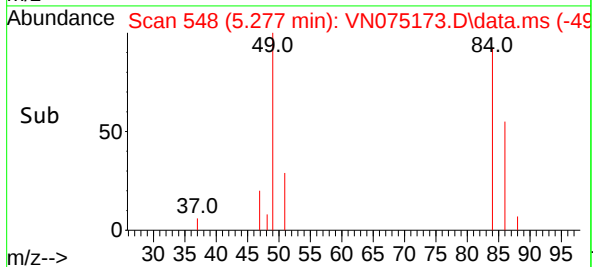
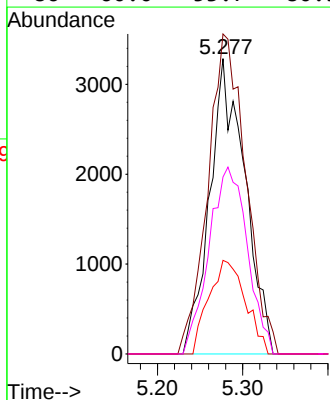
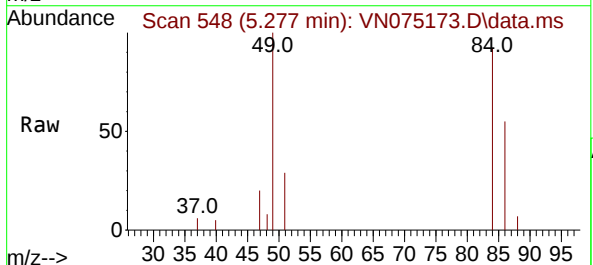
Manual Integrations
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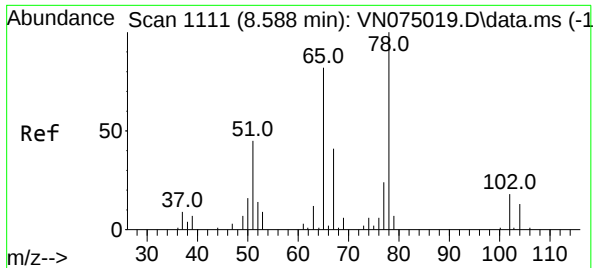
Reviewed By :John Carlone 11/07/2022
Supervised By :Mahesh Dadoda 11/07/2022



#20
Methylene Chloride
Concen: 7.735 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33

Tgt Ion: 84 Resp: 9434
Ion Ratio Lower Upper
84 100
49 108.4 94.9 142.3
51 31.7 26.8 40.2
86 60.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.459 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.005 min

Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB148795ZHE#02

Tgt Ion: 65 Resp: 78104

Ion Ratio Lower Upper

65 100

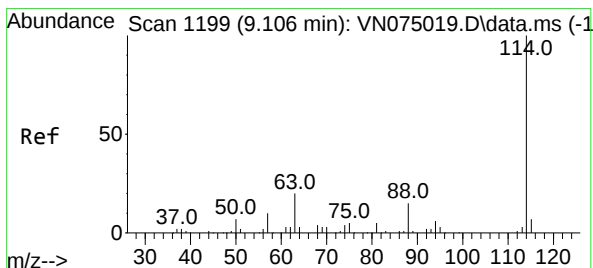
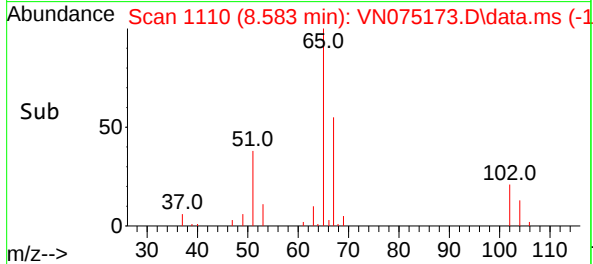
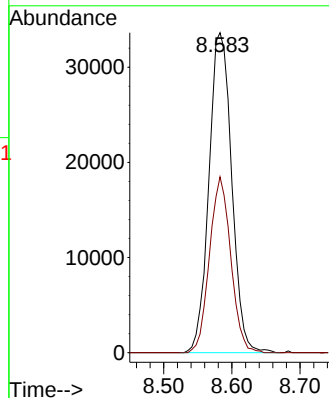
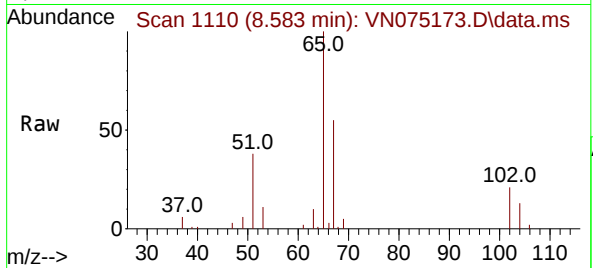
67 51.4 0.0 102.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

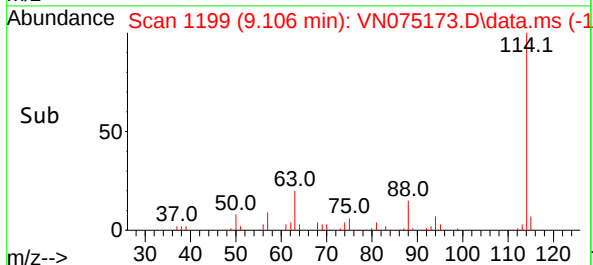
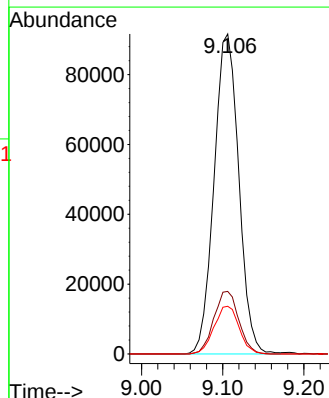
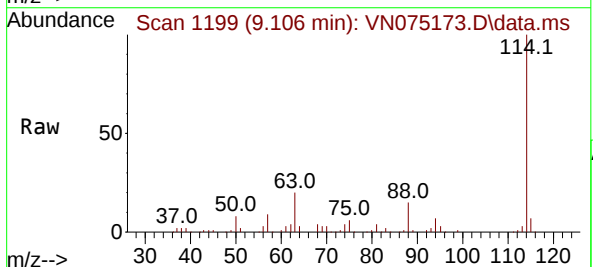
Tgt Ion:114 Resp: 193607

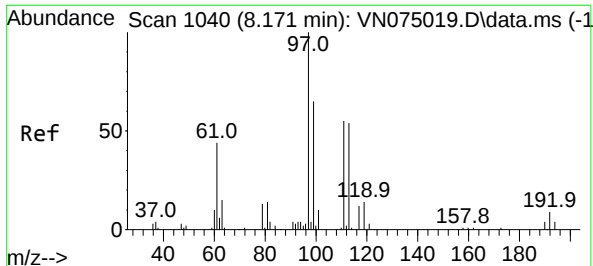
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.848 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB148795ZHE#02

Tgt Ion: 113 Resp: 6006

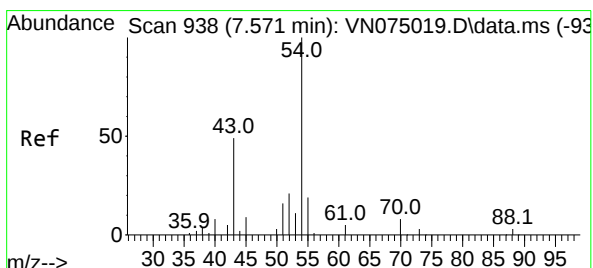
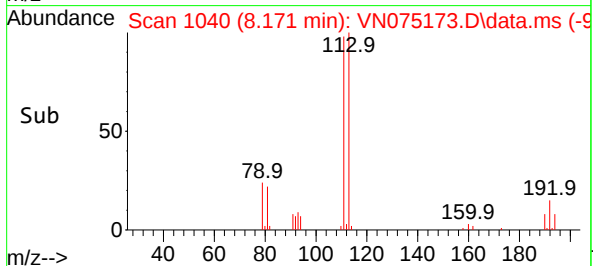
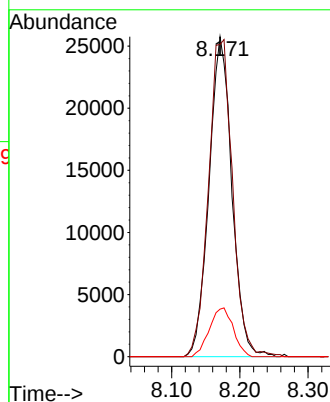
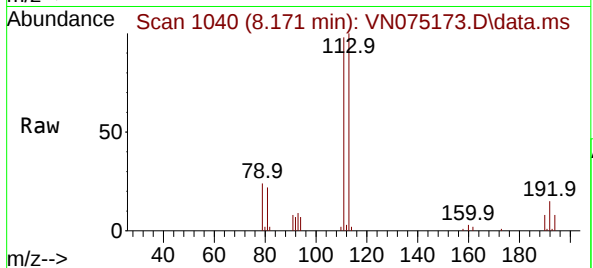
Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.5	120.7
192	16.0	13.2	19.8

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2022



#37

Ethyl Acetate

Concen: 9.202 ug/l

RT: 7.565 min Scan# 937

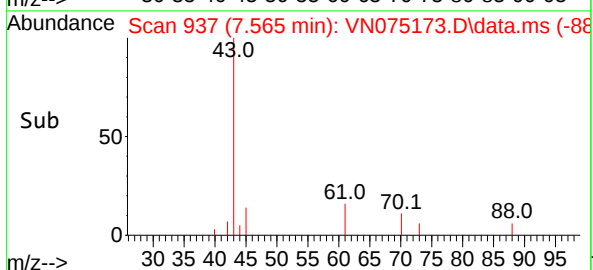
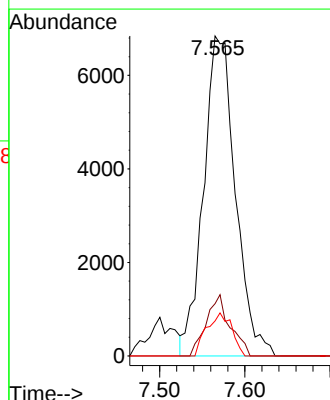
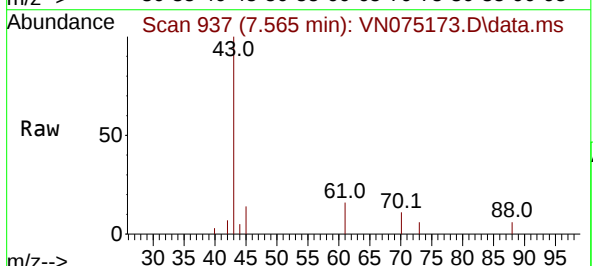
Delta R.T. -0.006 min

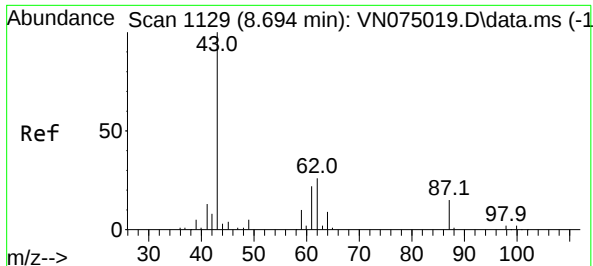
Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

Tgt Ion: 43 Resp: 17757

Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.4
70	10.6	9.4	14.2





#43

Isopropyl Acetate

Concen: 49.954 ug/l m

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB148795ZHE#02

Tgt Ion: 43 Resp: 14952

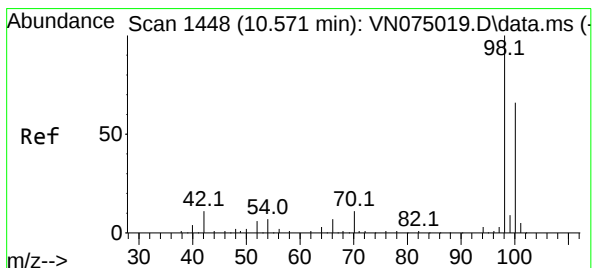
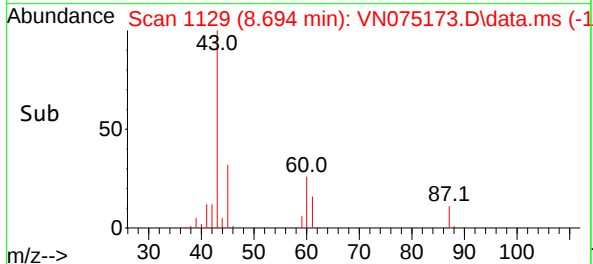
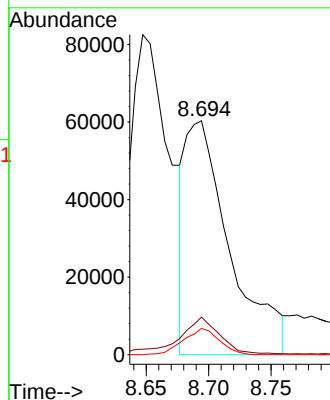
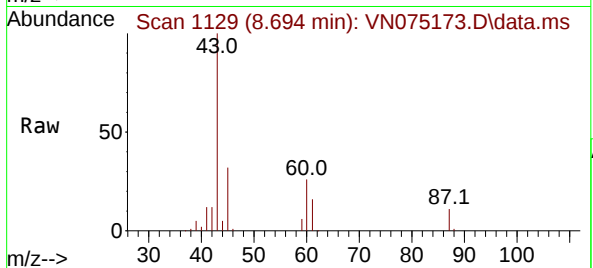
Ion	Ratio	Lower	Upper
43	100		
61	15.3	22.4	33.6
87	9.0	12.5	18.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2022



#50

Toluene-d8

Concen: 54.116 ug/l

RT: 10.571 min Scan# 1448

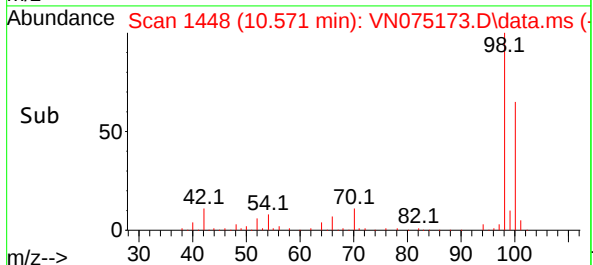
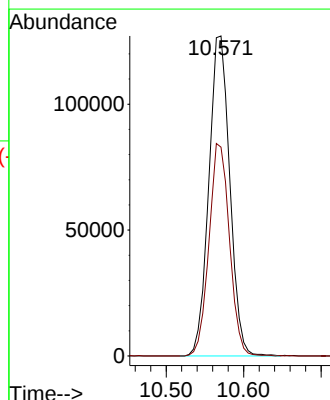
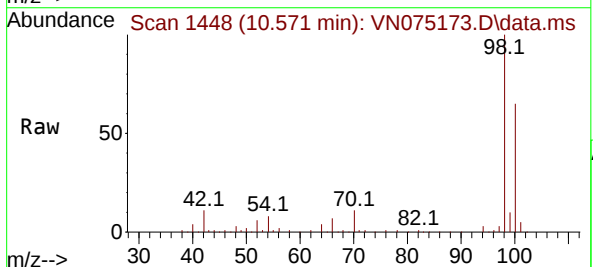
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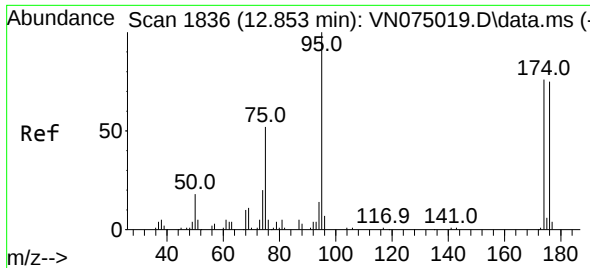
Lab File: VN075173.D

Acq: 04 Nov 2022 14:33

Tgt Ion: 98 Resp: 238628

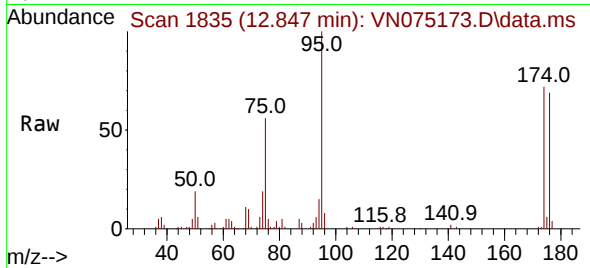
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.0	79.6





#62
4-Bromofluorobenzene
Concen: 49.230 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33

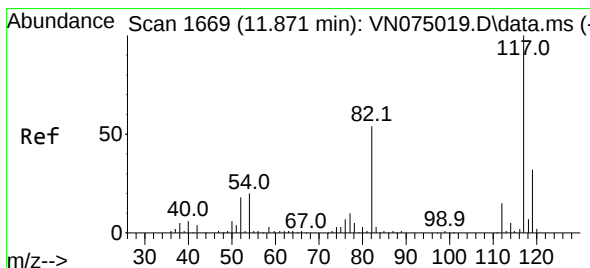
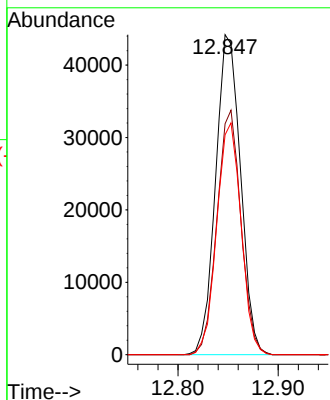
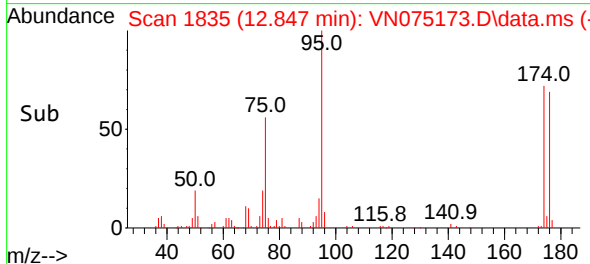
Instrument :
MSVOA_N
ClientSampleId :
PB148795ZHE#02



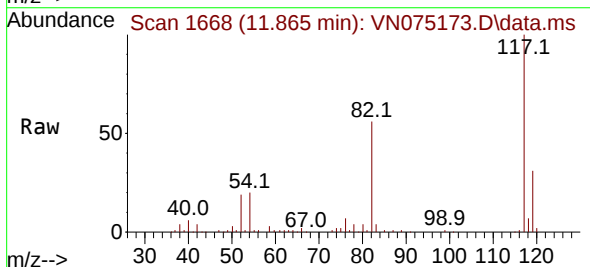
Tgt Ion: 95 Resp: 7625
Ion Ratio Lower Upper
95 100
174 73.6 0.0 147.4
176 70.6 0.0 142.2

Manual Integrations
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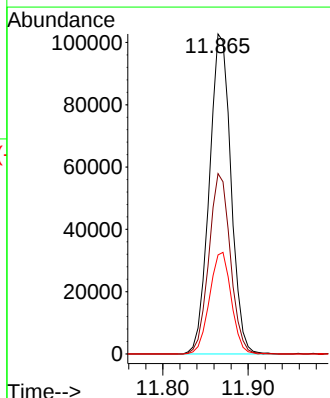
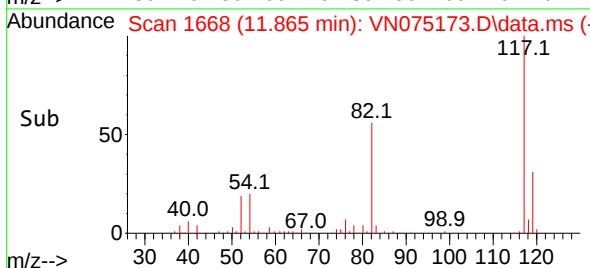
Reviewed By :John Carlone 11/07/2022
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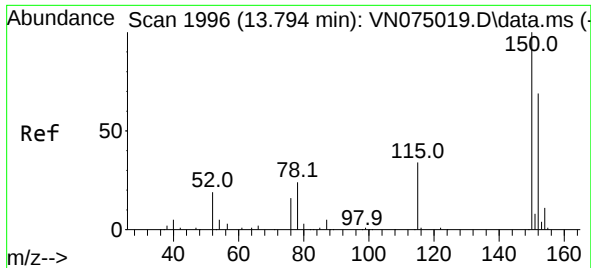


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075173.D
Acq: 04 Nov 2022 14:33



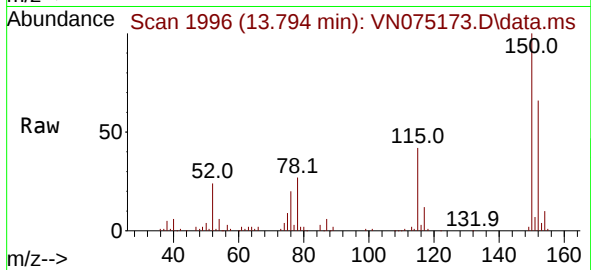
Tgt Ion:117 Resp: 181202
Ion Ratio Lower Upper
117 100
82 56.3 43.1 64.7
119 30.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075173.D
 Acq: 04 Nov 2022 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB148795ZHE#02



Tgt Ion:152 Resp: 6949
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.2 90.6
 150 156.3 0.0 348.4

Manual Integrations
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