

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075399.D
 Acq On : 23 Nov 2022 16:23
 Operator : JC\MD
 Sample : PB149245ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 24 06:52:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	157664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	272991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	44480	52.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.120%			
35) Dibromofluoromethane	8.171	113	54343	50.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	10.571	98	124243	51.439	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.847	95	91479	51.312	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.620%			
Target Compounds						
8) Diethyl Ether	3.983	74	3947m	4.170	ug/l	Qvalue
16) Acetone	4.442	43	82637	104.682	ug/l	98
20) Methylene Chloride	5.289	84	23251	13.594	ug/l	89
37) Ethyl Acetate	7.565	43	22889	10.870	ug/l	97
43) Isopropyl Acetate	8.694	43	137616	40.714	ug/l #	86

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

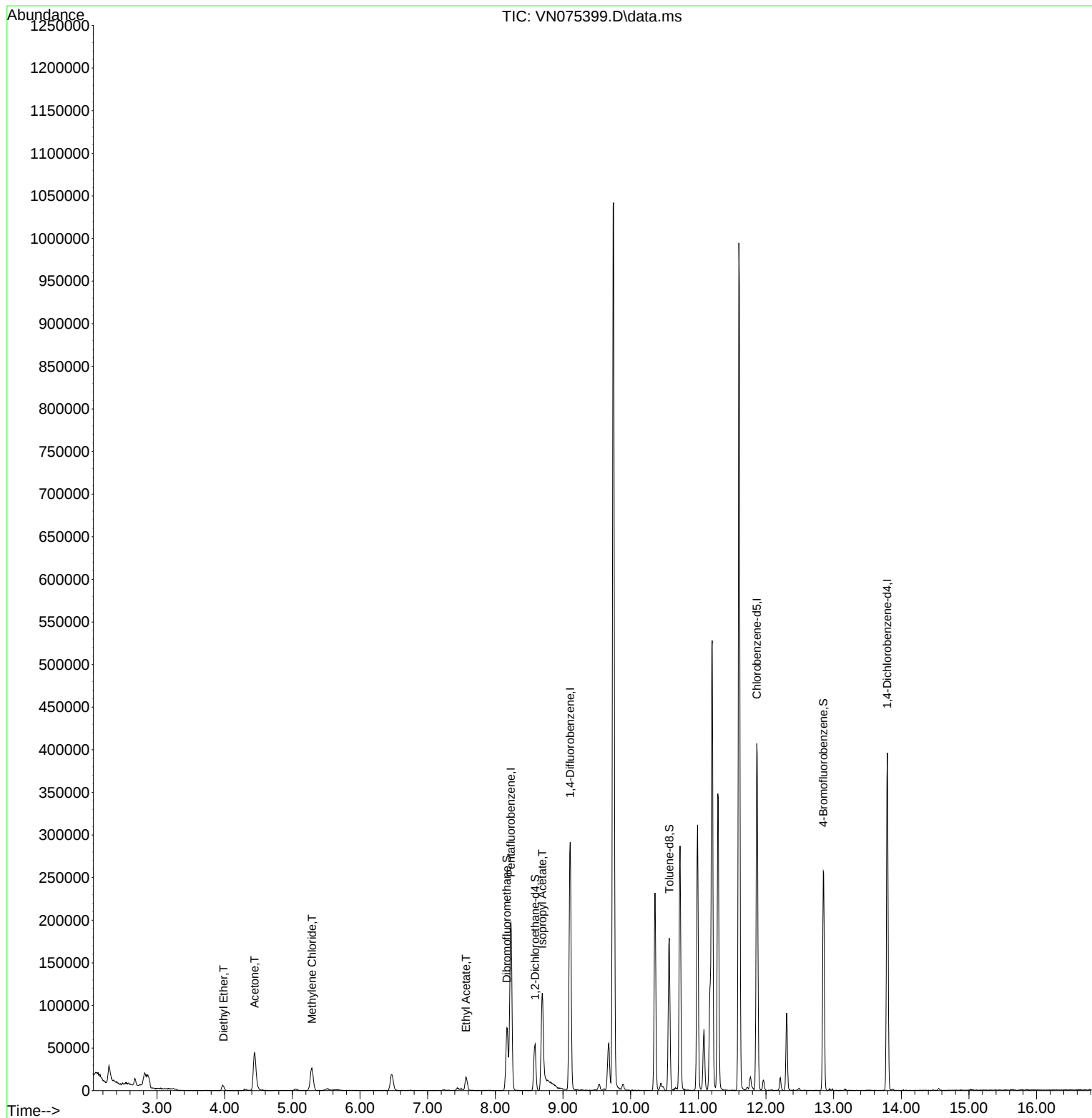
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
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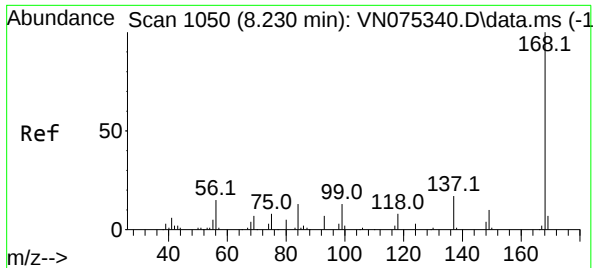
Instrument :
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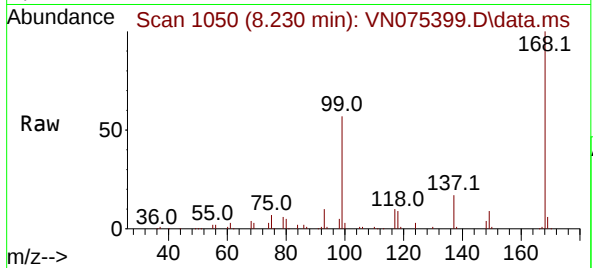
Quant Time: Nov 24 06:52:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23

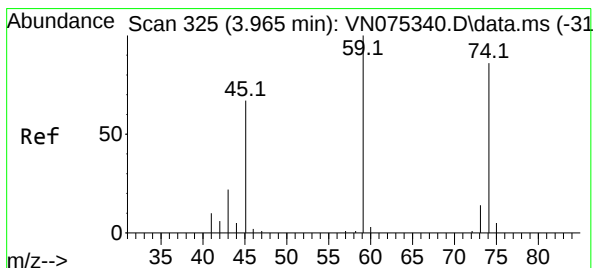
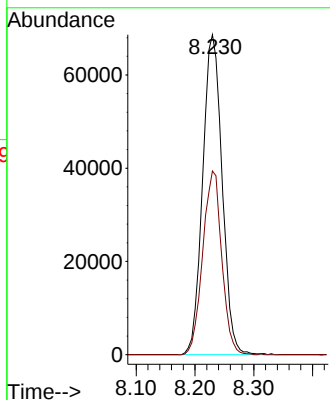
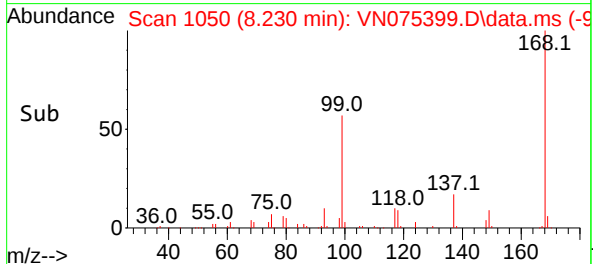
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#02



Tgt Ion:168 Resp: 157664
Ion Ratio Lower Upper
168 100
99 57.4 51.6 77.4

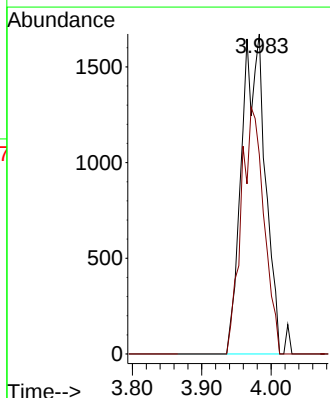
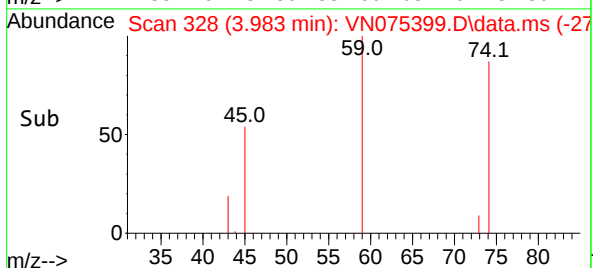
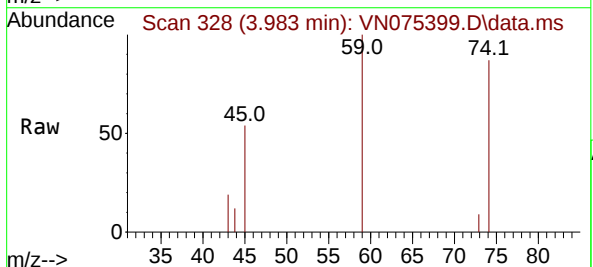
Manual Integrations
APPROVED

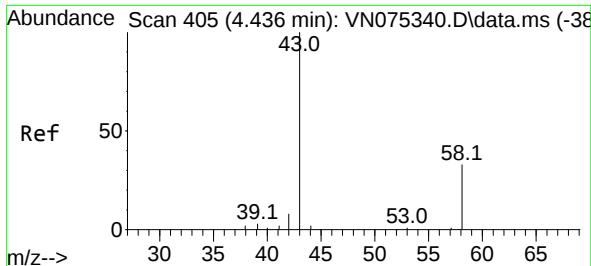
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#8
Diethyl Ether
Concen: 4.170 ug/l m
RT: 3.983 min Scan# 328
Delta R.T. 0.018 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23

Tgt Ion: 74 Resp: 3947
Ion Ratio Lower Upper
74 100
45 0.0 39.3 117.9#





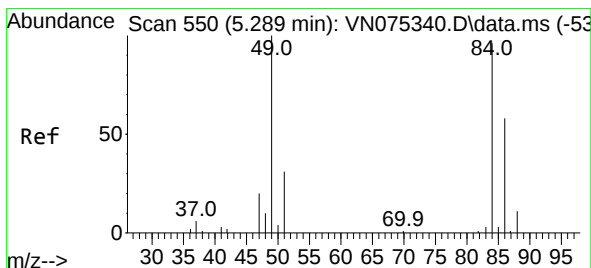
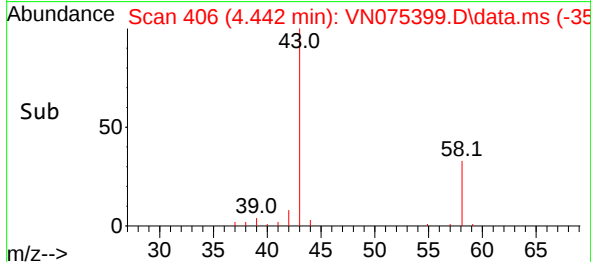
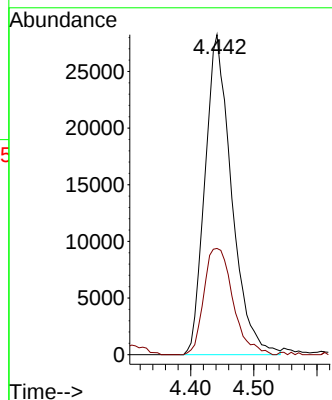
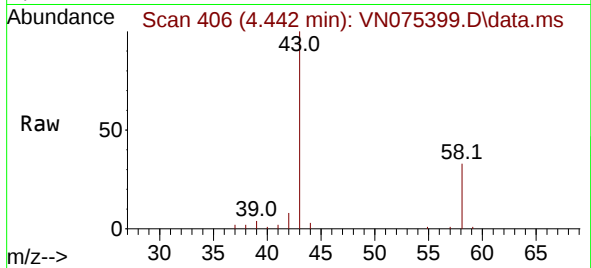
#16
Acetone
Concen: 104.682 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23

Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#02

Tgt Ion: 43 Resp: 8263
Ion Ratio Lower Upper
43 100
58 33.2 25.5 38.3

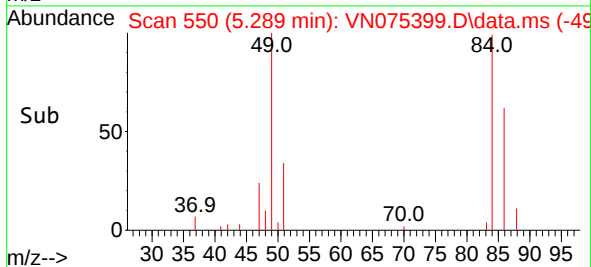
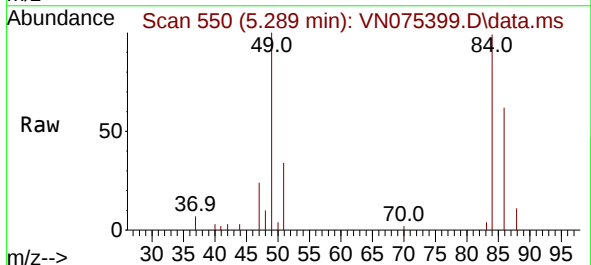
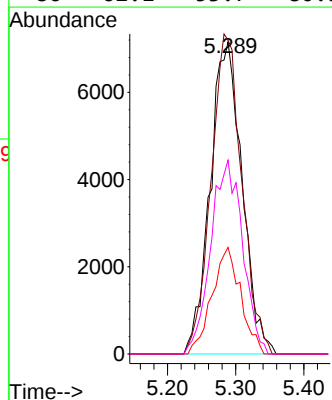
Manual Integrations
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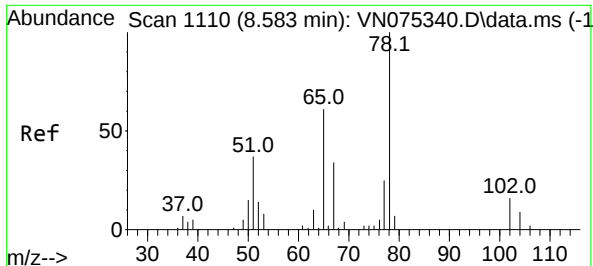
Reviewed By :John Carlone 11/25/2022
Supervised By :Mahesh Dadoda 11/28/2022



#20
Methylene Chloride
Concen: 13.594 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23

Tgt Ion: 84 Resp: 23251
Ion Ratio Lower Upper
84 100
49 100.5 94.9 142.3
51 34.1 26.8 40.2
86 62.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075399.D

Acq: 23 Nov 2022 16:23

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#02

Tgt Ion: 65 Resp: 44480

Ion Ratio Lower Upper

65 100

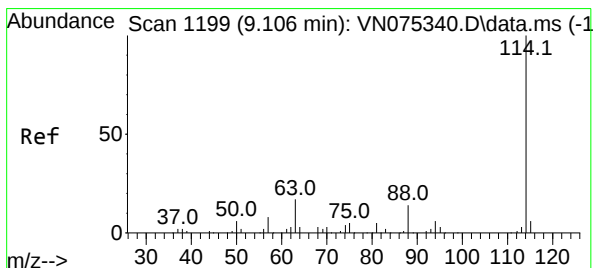
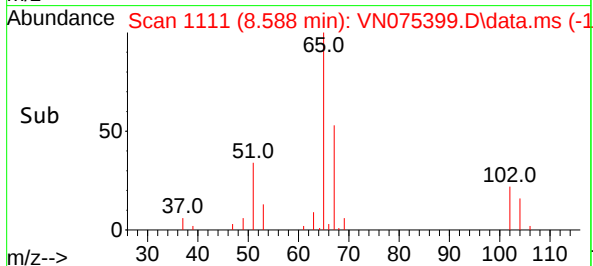
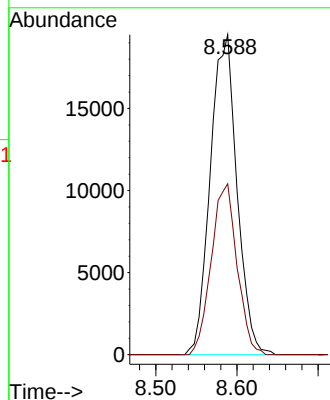
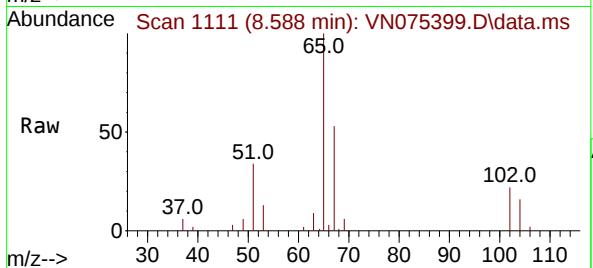
67 51.6 0.0 102.0

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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: VN075399.D

Acq: 23 Nov 2022 16:23

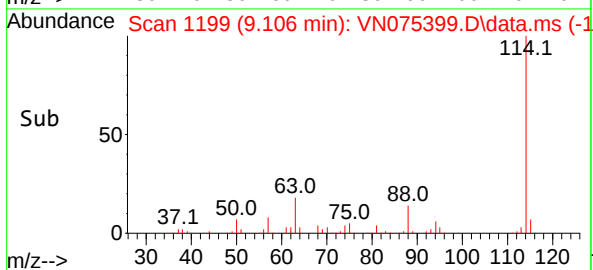
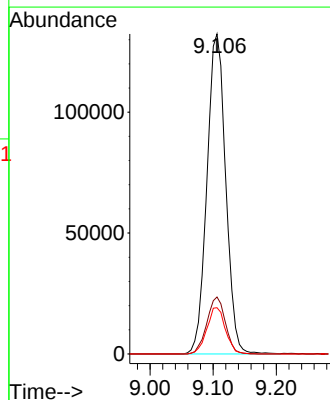
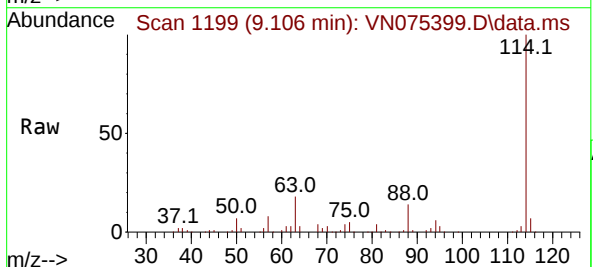
Tgt Ion:114 Resp: 272991

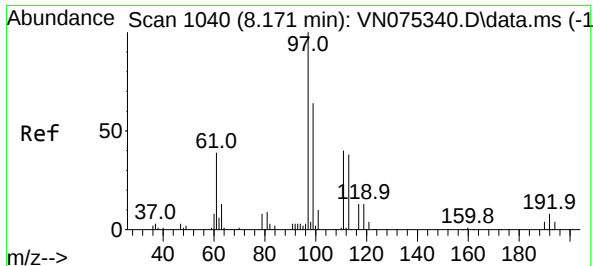
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.674 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075399.D

Acq: 23 Nov 2022 16:23

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#02

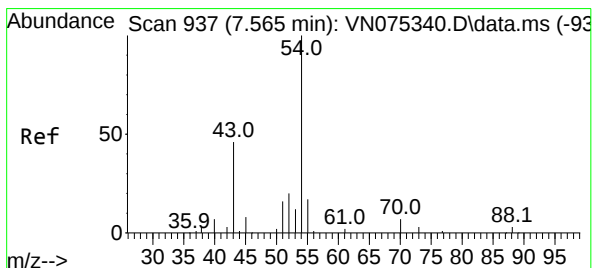
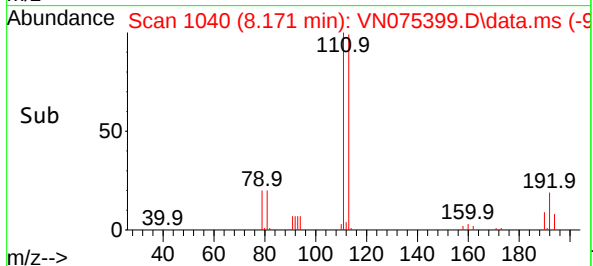
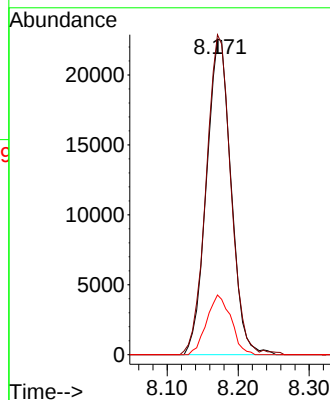
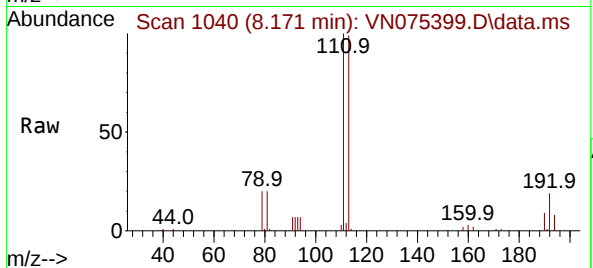
Tgt Ion:	113	Resp:	5434
Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.5	120.7
192	18.7	13.2	19.8

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#37

Ethyl Acetate

Concen: 10.870 ug/l

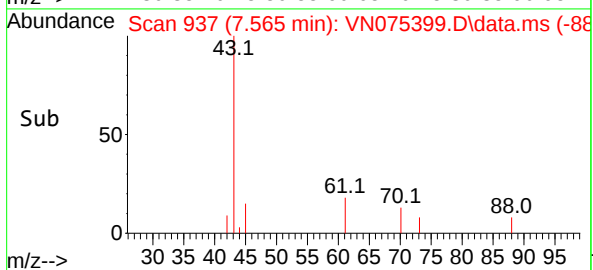
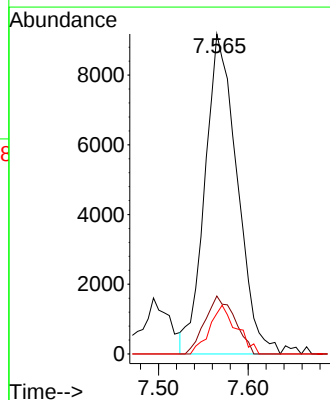
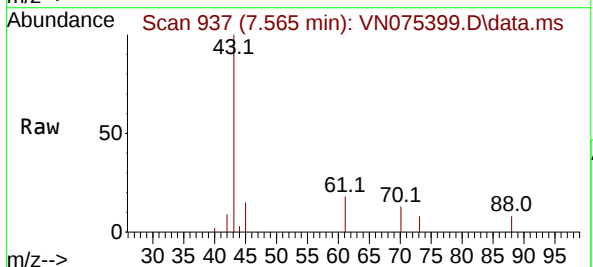
RT: 7.565 min Scan# 937

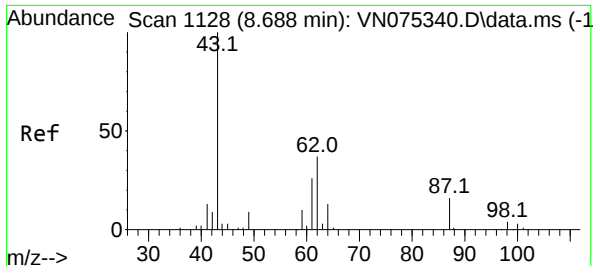
Delta R.T. 0.000 min

Lab File: VN075399.D

Acq: 23 Nov 2022 16:23

Tgt Ion:	43	Resp:	22889
Ion	Ratio	Lower	Upper
43	100		
61	16.8	12.2	18.4
70	12.7	9.4	14.2





#43

Isopropyl Acetate

Concen: 40.714 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075399.D

Acq: 23 Nov 2022 16:23

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#02

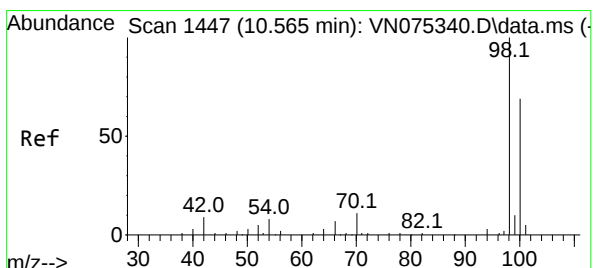
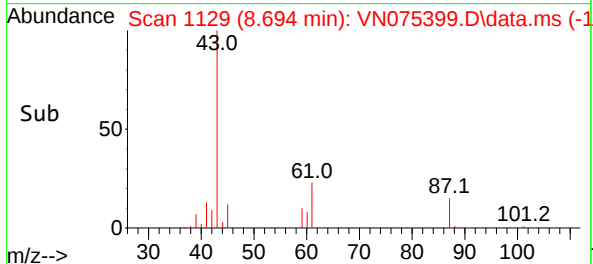
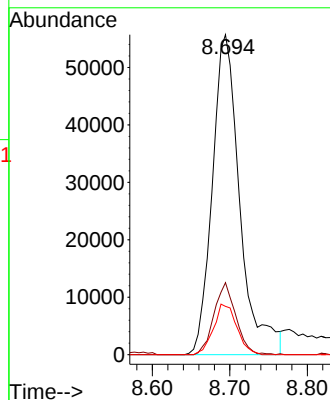
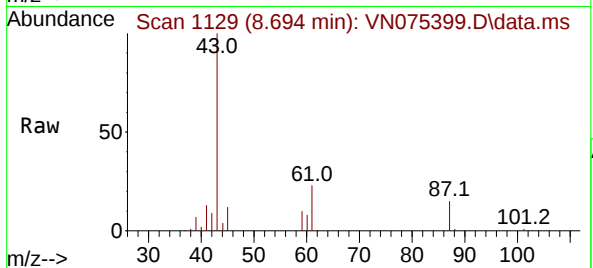
Tgt Ion: 43	Resp: 137610
Ion Ratio	Lower Upper
43	100
61	17.9 22.4 33.6
87	13.4 12.5 18.7

Manual Integrations

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Supervised By :Mahesh Dadoda 11/28/2022



#50

Toluene-d8

Concen: 51.439 ug/l

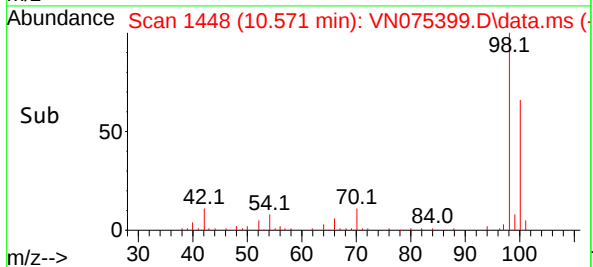
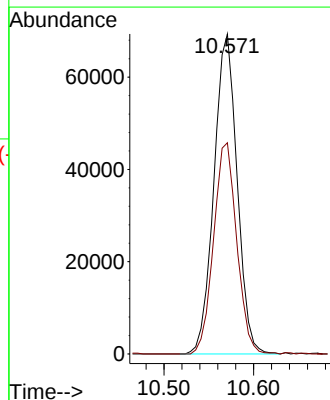
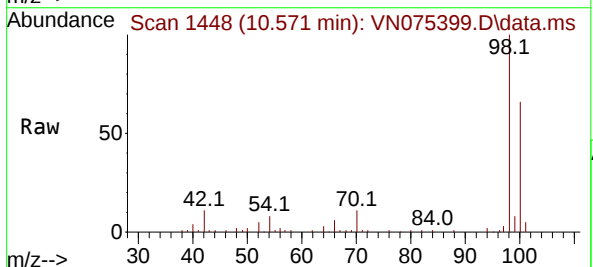
RT: 10.571 min Scan# 1448

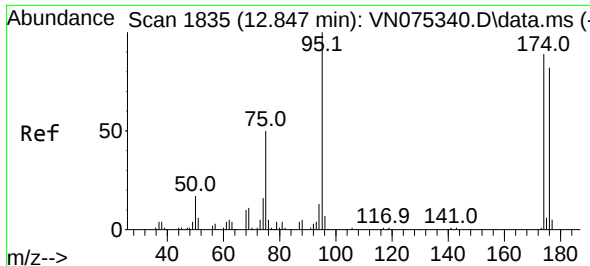
Delta R.T. 0.006 min

Lab File: VN075399.D

Acq: 23 Nov 2022 16:23

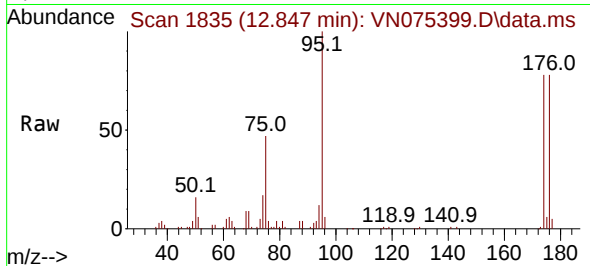
Tgt Ion: 98	Resp: 124243
Ion Ratio	Lower Upper
98	100
100	65.9 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 51.312 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23

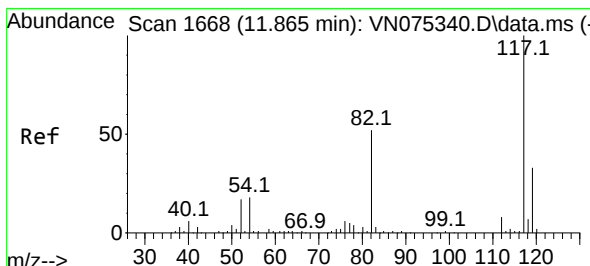
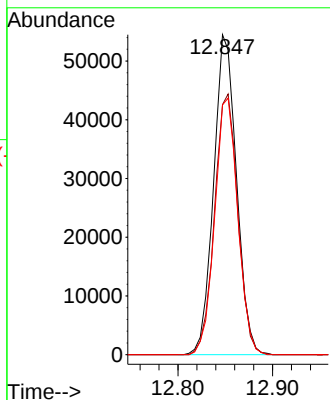
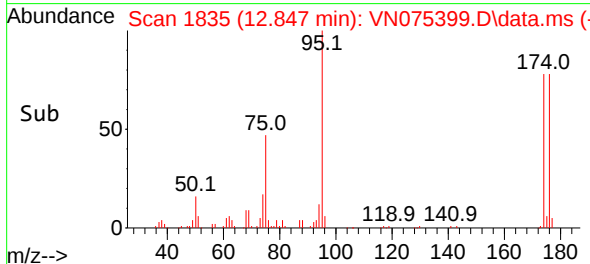
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#02



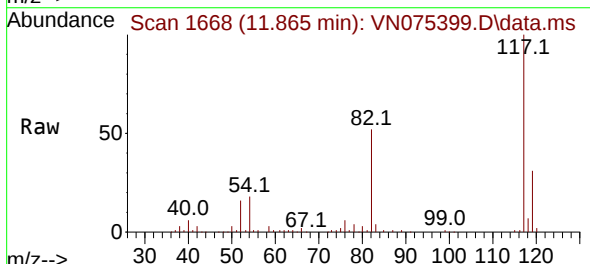
Tgt Ion: 95 Resp: 91479
Ion Ratio Lower Upper
95 100
174 83.0 0.0 147.4
176 80.7 0.0 142.2

Manual Integrations
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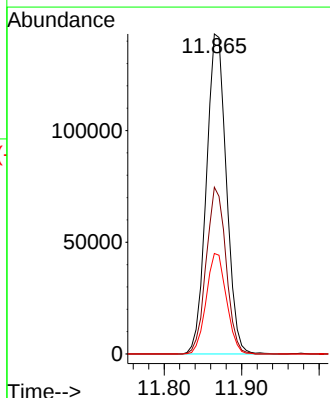
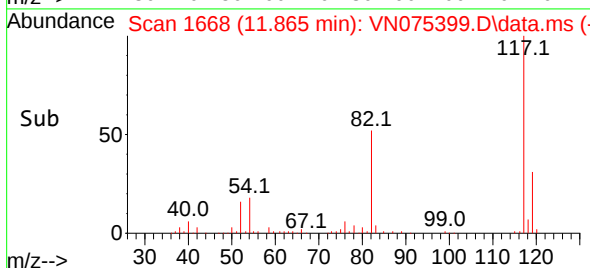
Reviewed By :John Carlone 11/25/2022
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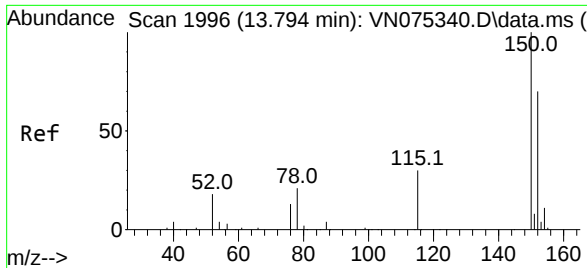


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075399.D
Acq: 23 Nov 2022 16:23



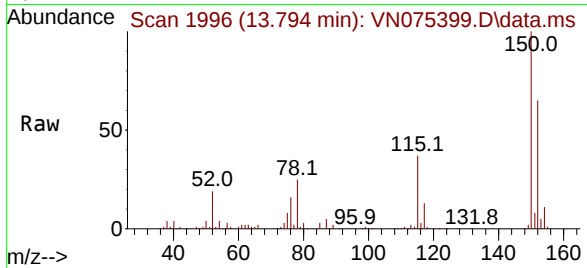
Tgt Ion:117 Resp: 256032
Ion Ratio Lower Upper
117 100
82 52.1 43.1 64.7
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075399.D
 Acq: 23 Nov 2022 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#02



Tgt Ion:152 Resp: 114480
 Ion Ratio Lower Upper
 152 100
 115 57.5 30.2 90.6
 150 154.6 0.0 348.4

Manual Integrations
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 Supervised By :Mahesh Dadoda 11/28/2022

