

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
 Data File : VN078439.D
 Acq On : 28 Jun 2023 14:15
 Operator : JC\MD
 Sample : 03429-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-COMP-0627

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/29/2023
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 05:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	481042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	887944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	844564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	269462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	322686	50.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.620%			
35) Dibromofluoromethane	8.177	113	311895	55.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.100%			
50) Toluene-d8	10.571	98	1070098	49.441	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.853	95	350824	52.140	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.280%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.530	59	6512m	7.353	ug/l	
16) Acetone	4.442	43	293938	159.220	ug/l	98
20) Methylene Chloride	5.295	84	23299	3.819	ug/l	93
25) 2-Butanone	7.494	43	154975	54.589	ug/l #	87
37) Ethyl Acetate	7.571	43	76352	12.137	ug/l	98
43) Isopropyl Acetate	8.694	43	320078	26.603	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	590379	93.184	ug/l	92

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

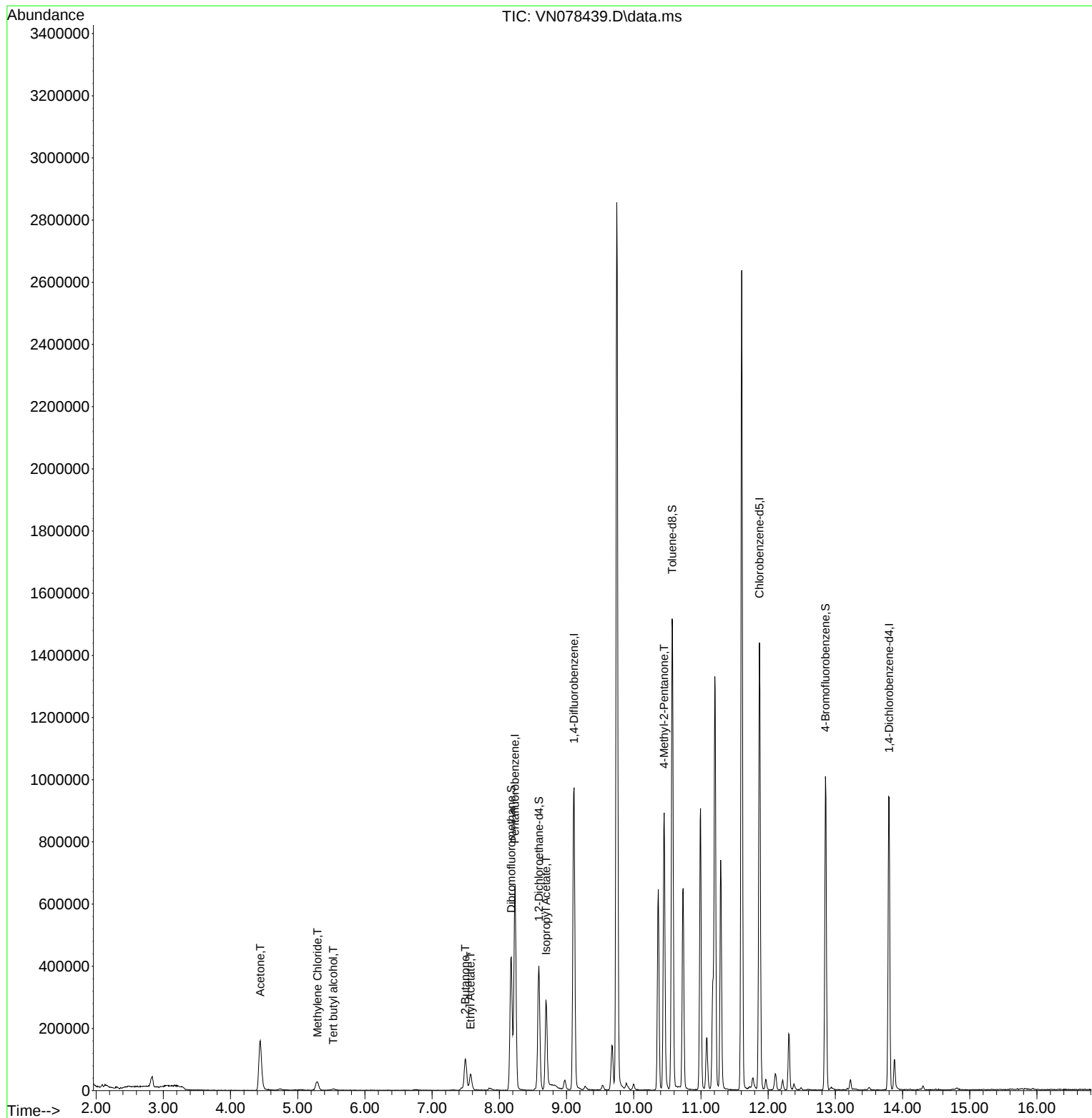
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062823\
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Quant Time: Jun 29 05:20:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

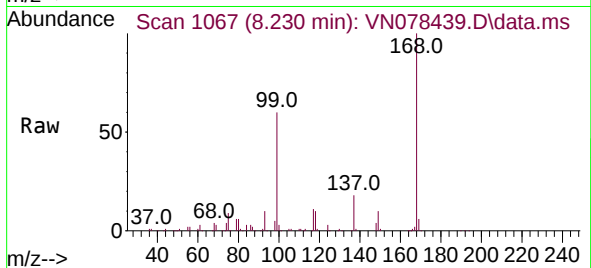
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

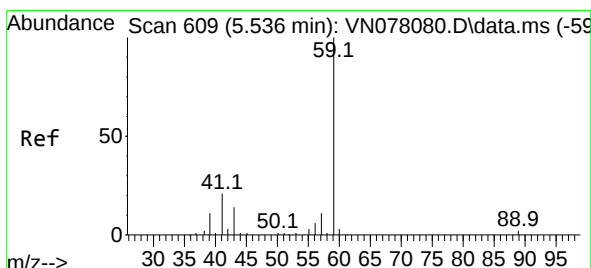
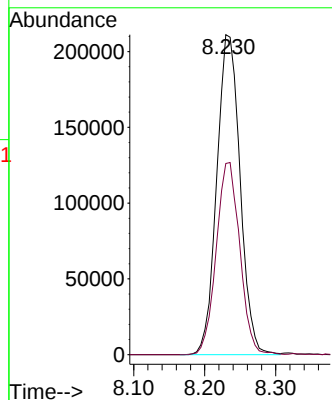
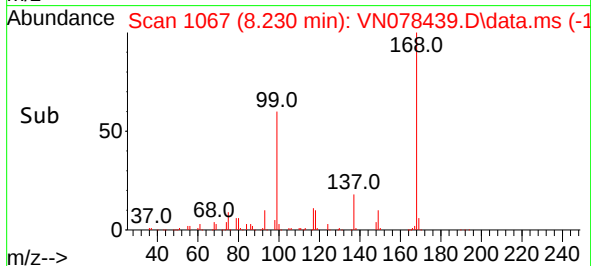
Instrument :
MSVOA_N
ClientSampleId :
SB-COMP-0627



Tgt Ion:168 Resp: 48104
Ion Ratio Lower Upper
168 100
99 59.8 53.0 79.6

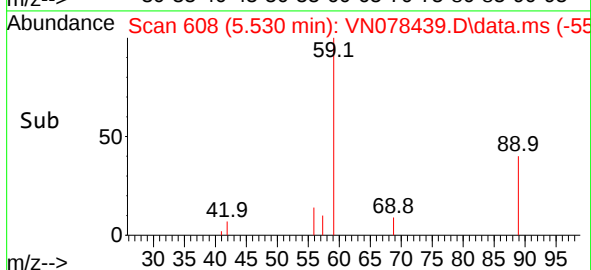
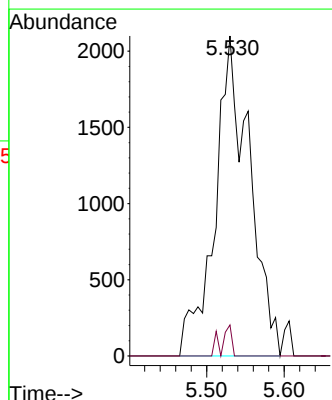
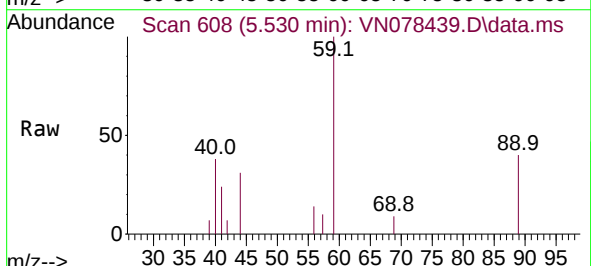
Manual Integrations
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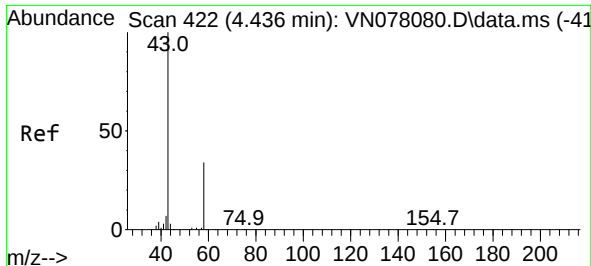
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#11
Tert butyl alcohol
Concen: 7.353 ug/l m
RT: 5.530 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

Tgt Ion: 59 Resp: 6512
Ion Ratio Lower Upper
59 100
57 2.8 8.2 12.4#





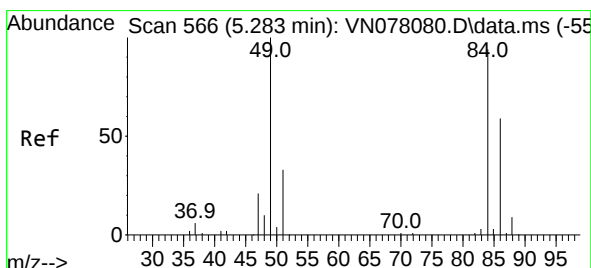
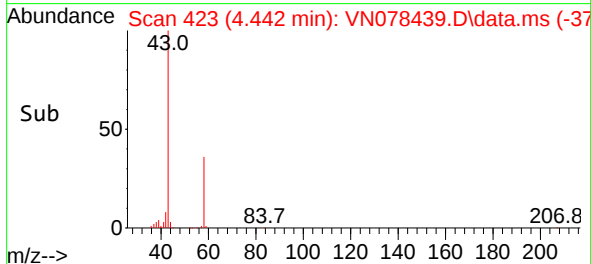
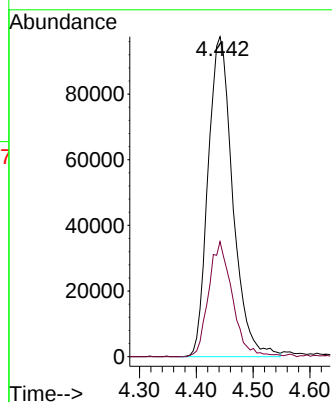
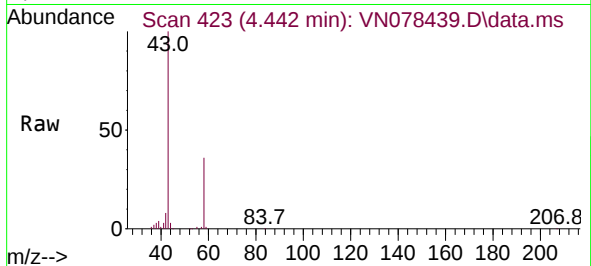
#16
Acetone
Concen: 159.220 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

Instrument :
MSVOA_N
ClientSampleId :
SB-COMP-0627

Tgt Ion: 43 Resp: 293938
Ion Ratio Lower Upper
43 100
58 36.0 28.0 42.0

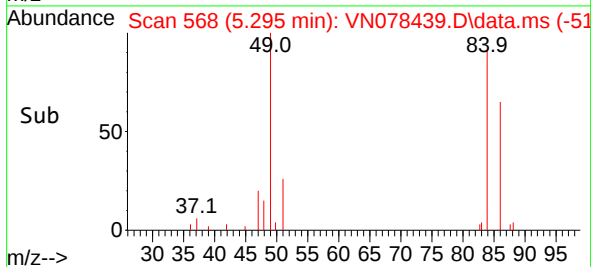
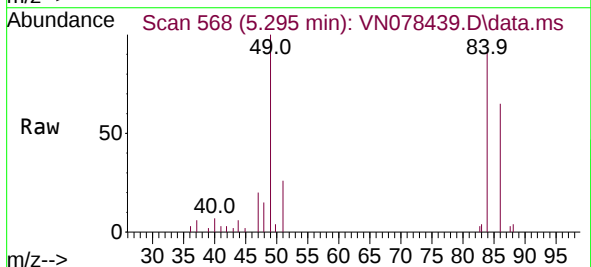
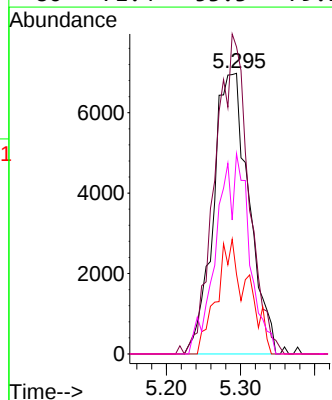
Manual Integrations
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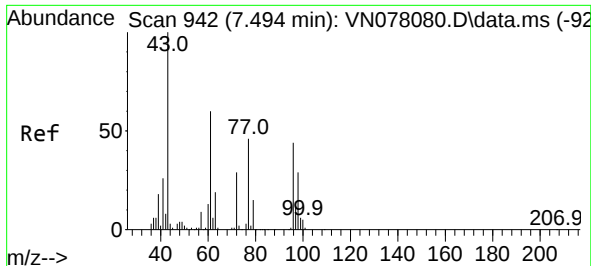
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#20
Methylene Chloride
Concen: 3.819 ug/l
RT: 5.295 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

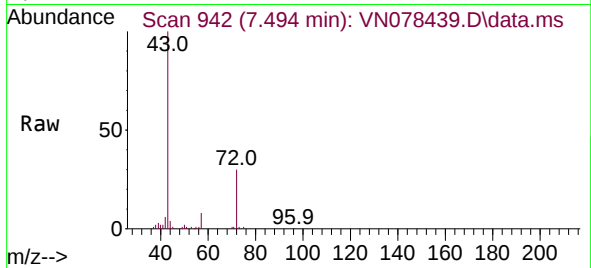
Tgt Ion: 84 Resp: 23299
Ion Ratio Lower Upper
84 100
49 107.1 79.7 119.5
51 28.4 25.2 37.8
86 71.4 53.3 79.9





#25
2-Butanone
Concen: 54.589 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

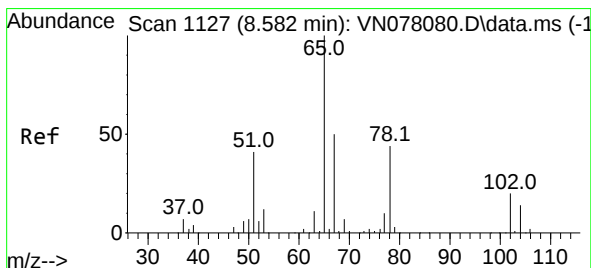
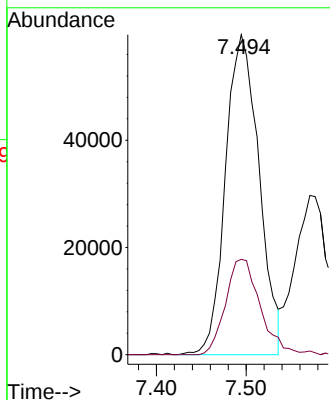
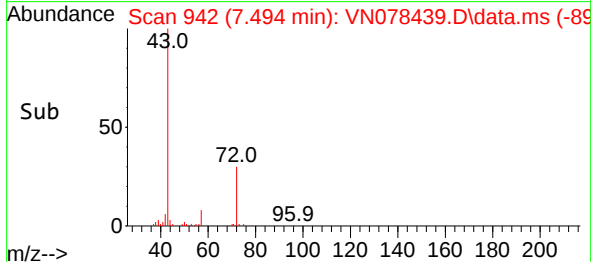
Instrument :
MSVOA_N
ClientSampleId :
SB-COMP-0627



Tgt Ion: 43 Resp: 154975
Ion Ratio Lower Upper
43 100
72 29.8 30.2 45.2

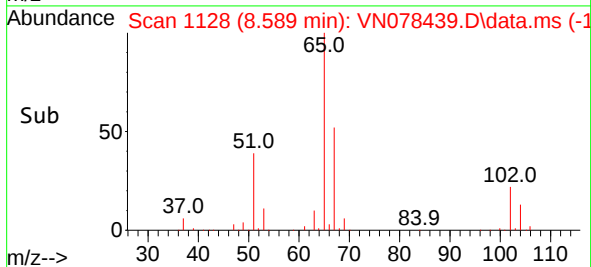
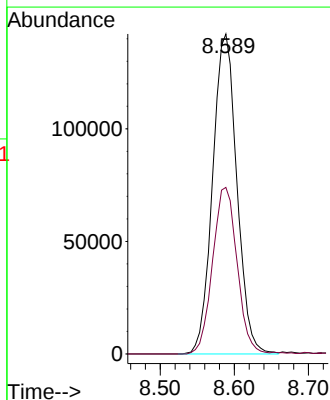
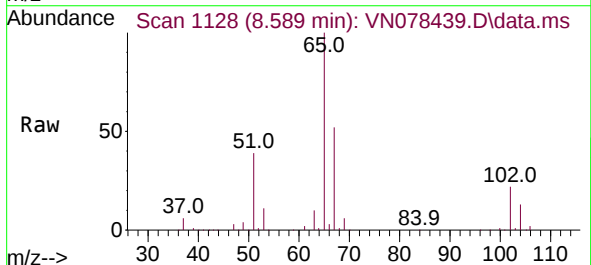
Manual Integrations
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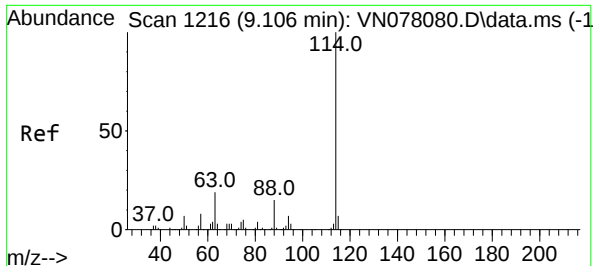
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#33
1,2-Dichloroethane-d4
Concen: 50.312 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

Tgt Ion: 65 Resp: 322686
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN078439.D

Acq: 28 Jun 2023 14:15

Instrument :

MSVOA_N

ClientSampleId :

SB-COMP-0627

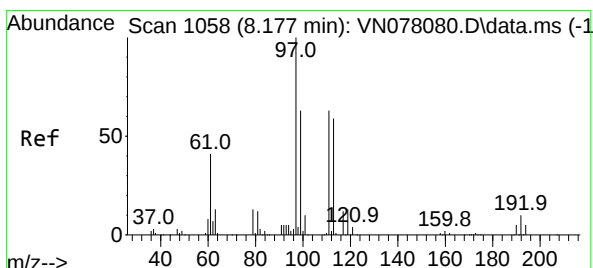
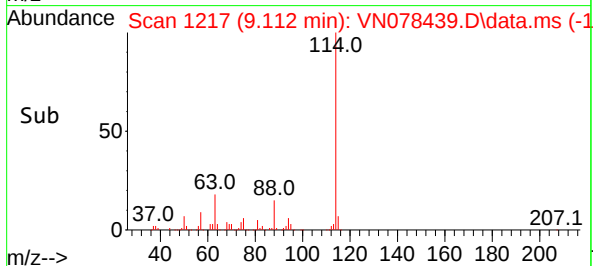
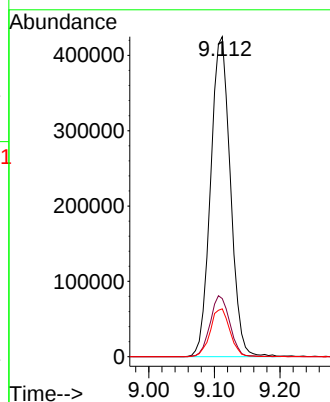
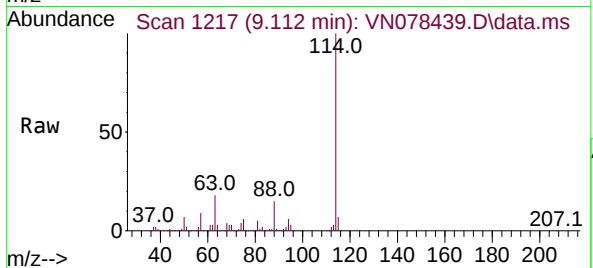
Tgt Ion:	114	Resp:	887944
Ion Ratio	Lower	Upper	
114	100		
63	18.2	0.0	36.4
88	14.9	0.0	30.6

Manual Integrations

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Reviewed By :John Carlone 06/29/2023

Supervised By :Mahesh Dadoda 06/29/2023



#35

Dibromofluoromethane

Concen: 55.553 ug/l

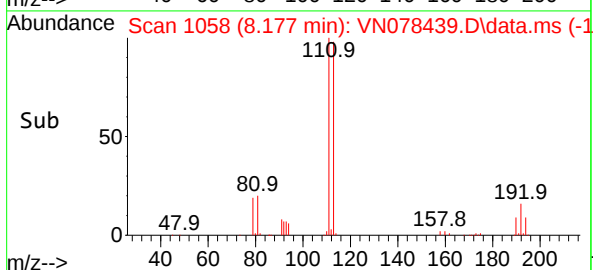
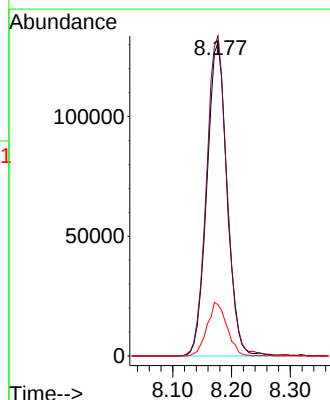
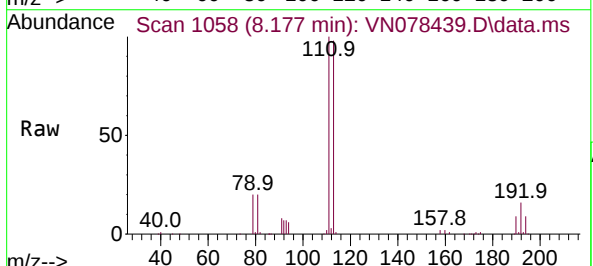
RT: 8.177 min Scan# 1058

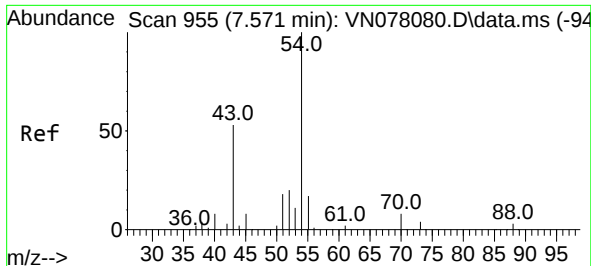
Delta R.T. 0.000 min

Lab File: VN078439.D

Acq: 28 Jun 2023 14:15

Tgt Ion:	113	Resp:	311895
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.6	123.8
192	16.8	12.7	19.1





#37

Ethyl Acetate

Concen: 12.137 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078439.D

Acq: 28 Jun 2023 14:15

Instrument :

MSVOA_N

ClientSampleId :

SB-COMP-0627

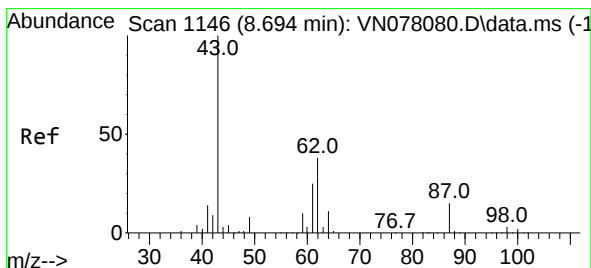
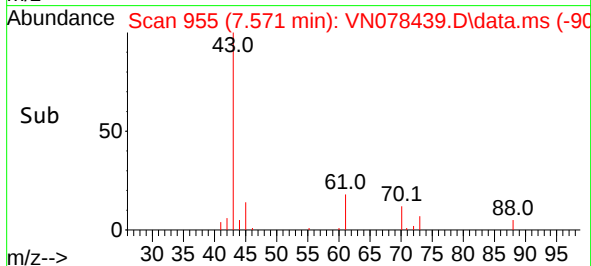
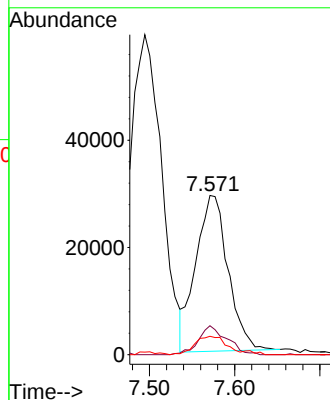
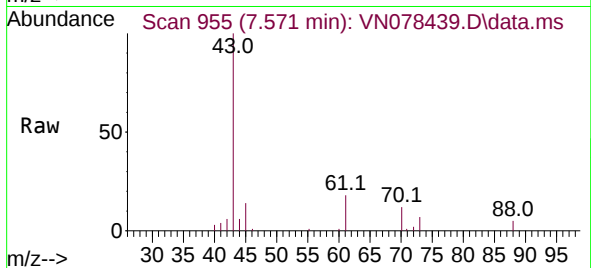
Tgt Ion: 43	Resp: 7635
Ion Ratio	Lower Upper
43 100	
61 16.2	13.2 19.8
70 12.4	11.3 16.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/29/2023



#43

Isopropyl Acetate

Concen: 26.603 ug/l

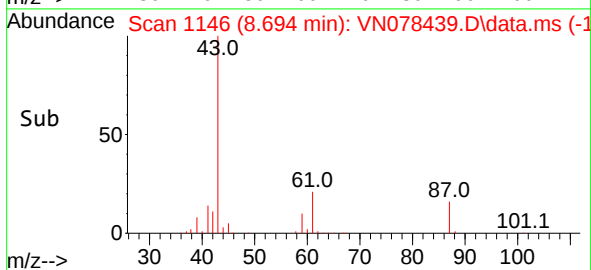
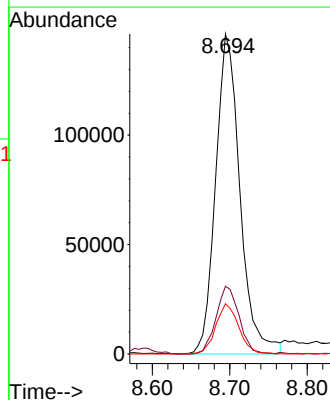
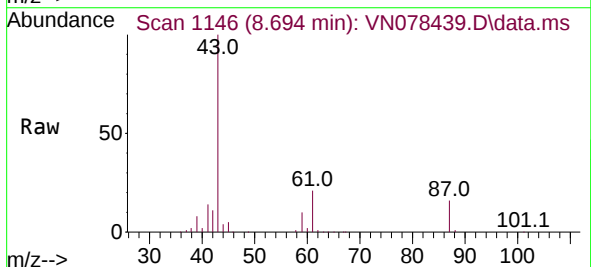
RT: 8.694 min Scan# 1146

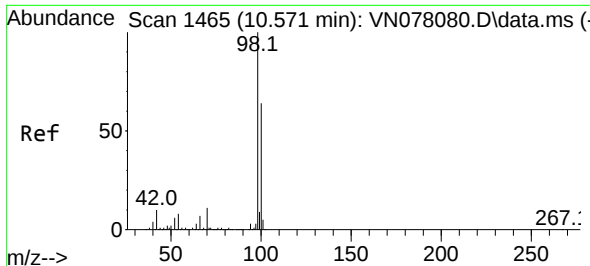
Delta R.T. 0.000 min

Lab File: VN078439.D

Acq: 28 Jun 2023 14:15

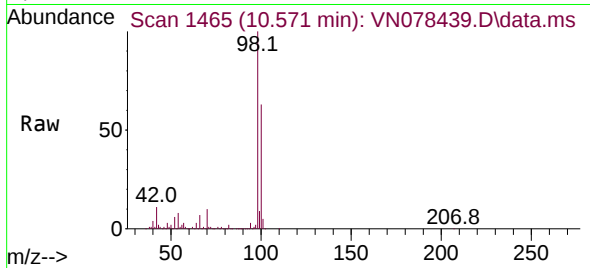
Tgt Ion: 43	Resp: 320078
Ion Ratio	Lower Upper
43 100	
61 20.0	24.7 37.1#
87 14.8	14.6 21.8





#50
Toluene-d8
Concen: 49.441 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

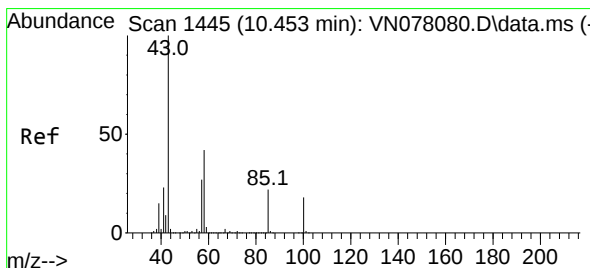
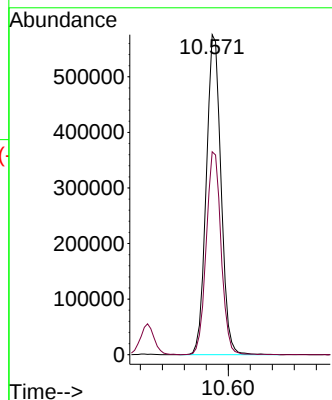
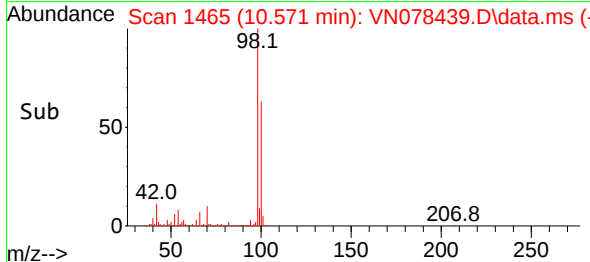
Instrument :
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ClientSampleId :
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Tgt Ion: 98 Resp: 1070098
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

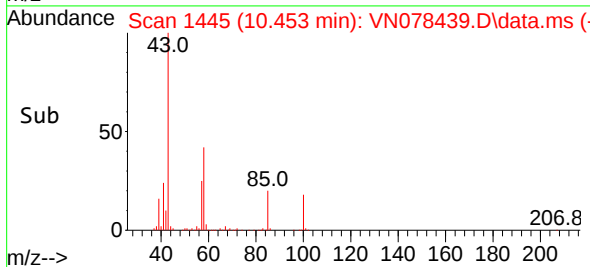
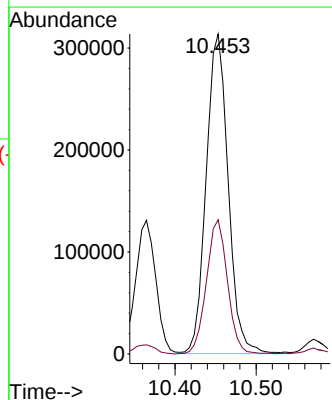
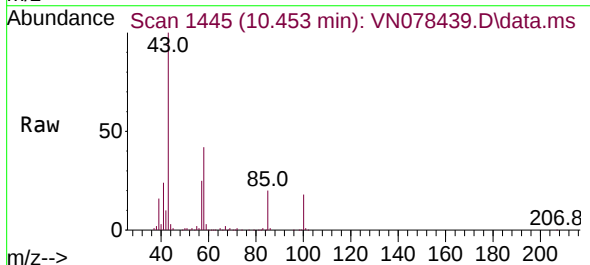
Manual Integrations
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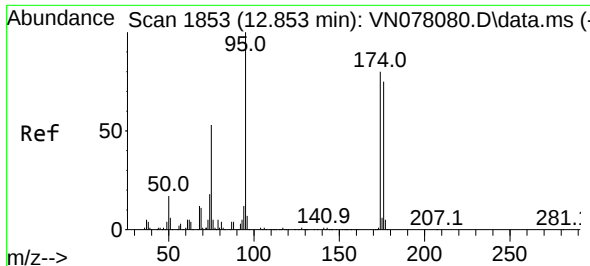
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023



#51
4-Methyl-2-Pentanone
Concen: 93.184 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

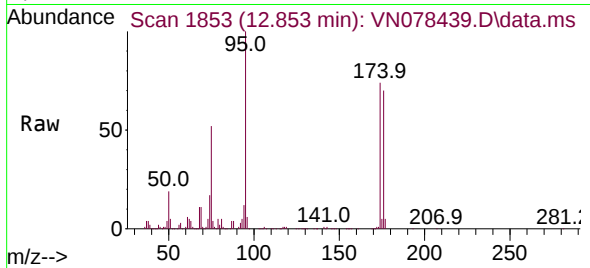
Tgt Ion: 43 Resp: 590379
Ion Ratio Lower Upper
43 100
58 40.2 36.6 54.8





#62
4-Bromofluorobenzene
Concen: 52.140 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15

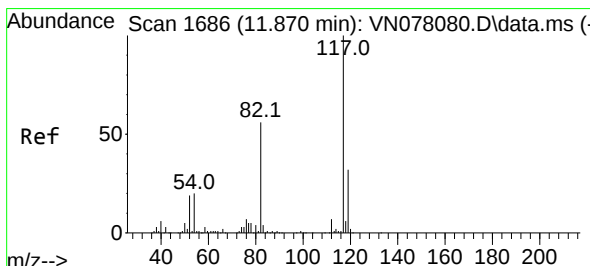
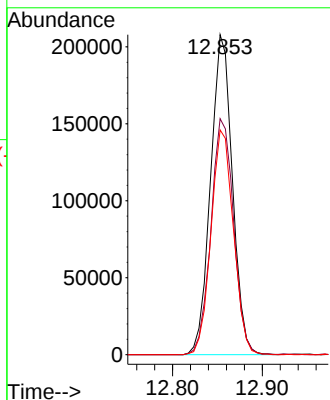
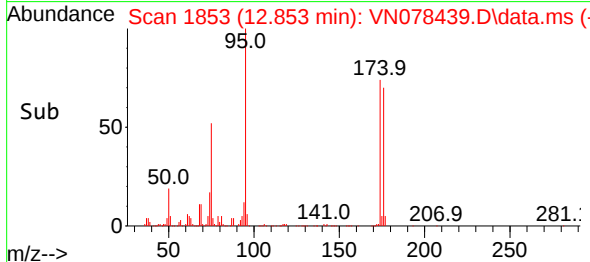
Instrument :
MSVOA_N
ClientSampleId :
SB-COMP-0627



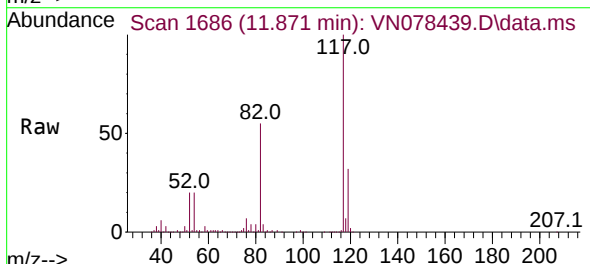
Tgt Ion: 95 Resp: 350824
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 72.3 0.0 135.8

Manual Integrations
APPROVED

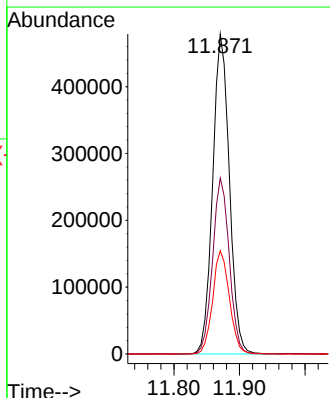
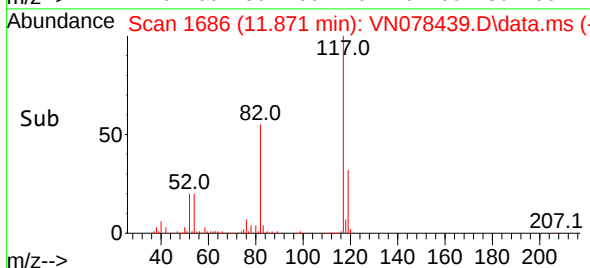
Reviewed By :John Carlone 06/29/2023
Supervised By :Mahesh Dadoda 06/29/2023

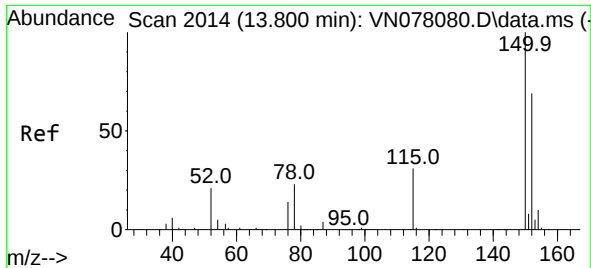


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078439.D
Acq: 28 Jun 2023 14:15



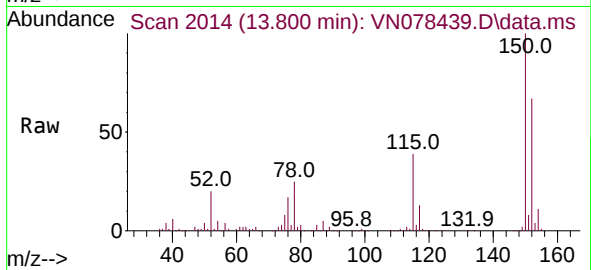
Tgt Ion:117 Resp: 844564
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN078439.D
 Acq: 28 Jun 2023 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-COMP-0627



Tgt Ion:152 Resp: 269462
 Ion Ratio Lower Upper
 152 100
 115 59.0 32.3 96.8
 150 153.8 0.0 355.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/29/2023
 Supervised By :Mahesh Dadoda 06/29/2023

