

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
 Data File : VN075509.D
 Acq On : 30 Nov 2022 18:16
 Operator : JC\MD
 Sample : PB149341ZHE#13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149341ZHE#13

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2022
 Supervised By : Mahesh Dadoda 12/01/2022

Quant Time: Dec 01 02:18:38 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	133471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	237881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	215577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	87481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40893	57.077	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.160%			
35) Dibromofluoromethane	8.171	113	47807	51.159	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.571	98	107700	51.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.847	95	73153	47.089	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.180%			
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	12781	19.125	ug/l	93
18) Methyl Acetate	5.048	43	6219	2.460	ug/l	97
20) Methylene Chloride	5.295	84	3119	1.050	ug/l #	84
37) Ethyl Acetate	7.571	43	22248	12.125	ug/l	98
43) Isopropyl Acetate	8.688	43	202709m	68.824	ug/l	

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

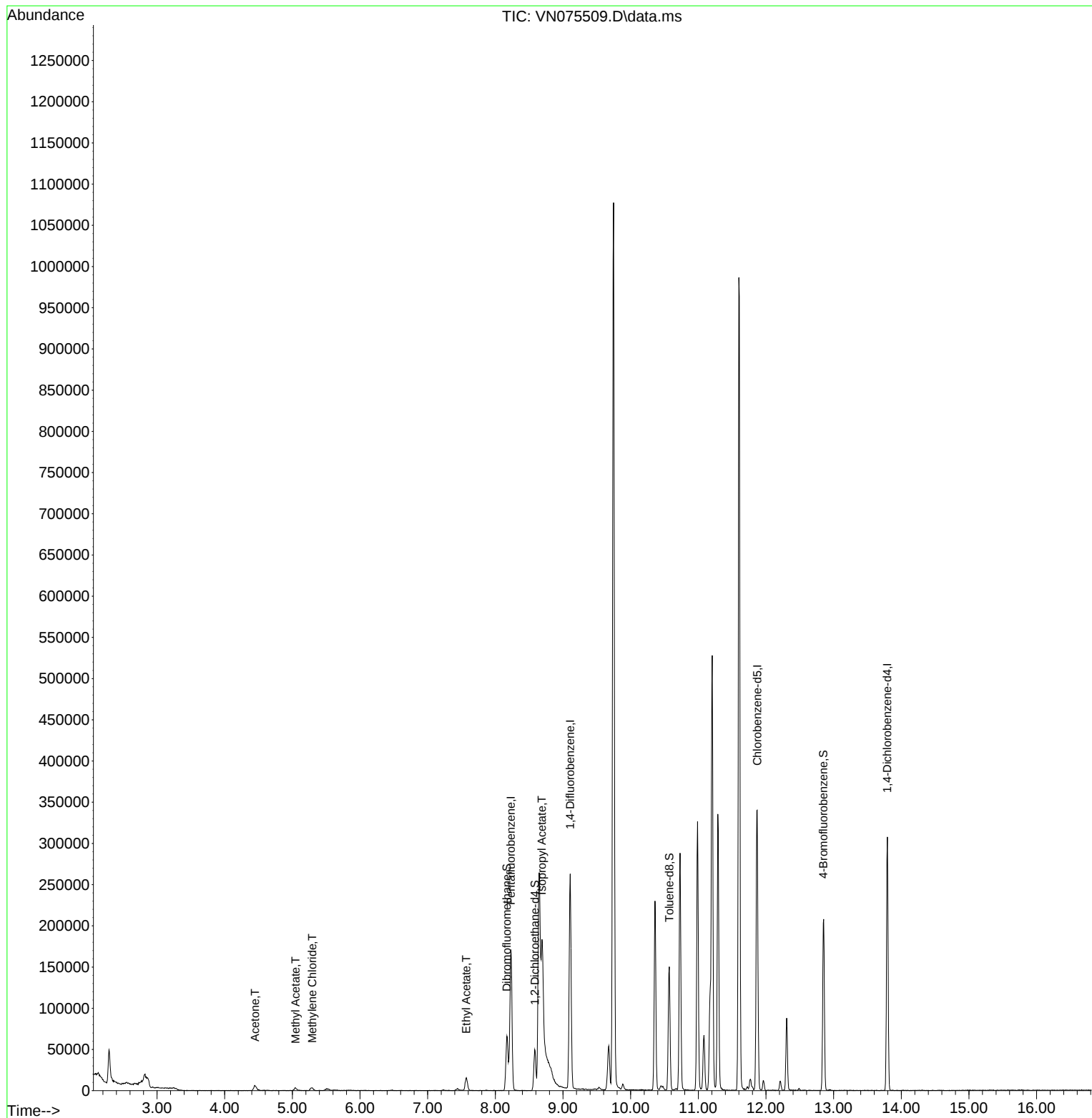
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN113022\
Data File : VN075509.D
Acq On : 30 Nov 2022 18:16
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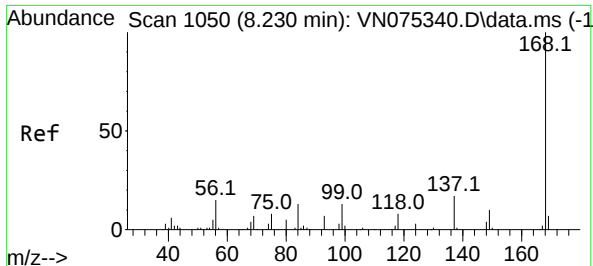
Instrument :
MSVOA_N
ClientSampleId :
PB149341ZHE#13

Quant Time: Dec 01 02:18:38 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

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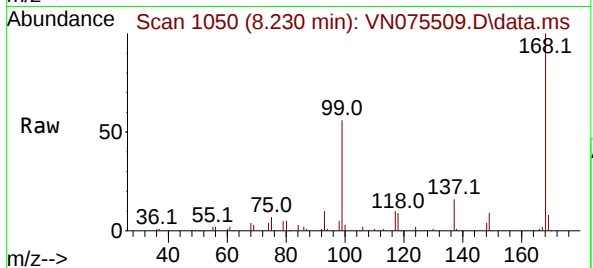
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

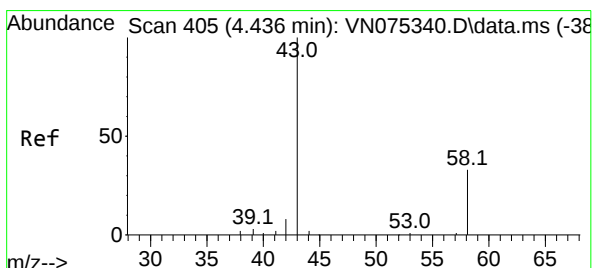
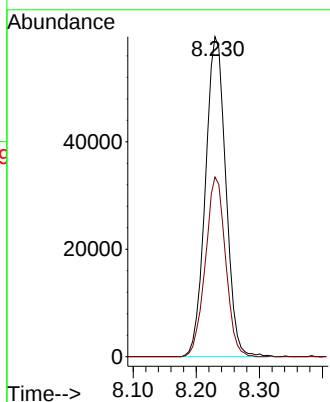
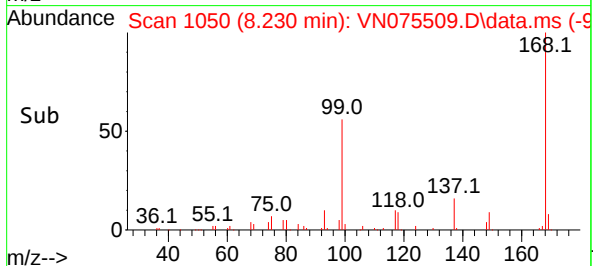
Instrument :
MSVOA_N
ClientSampleId :
PB149341ZHE#13



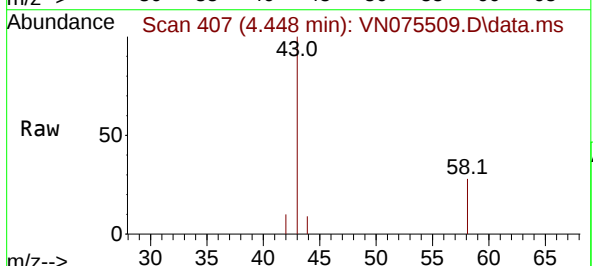
Tgt Ion:168 Resp: 13347
Ion Ratio Lower Upper
168 100
99 56.2 51.6 77.4

Manual Integrations
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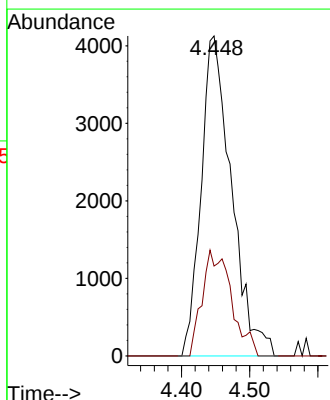
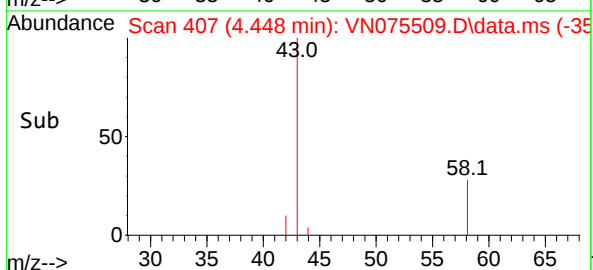
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022

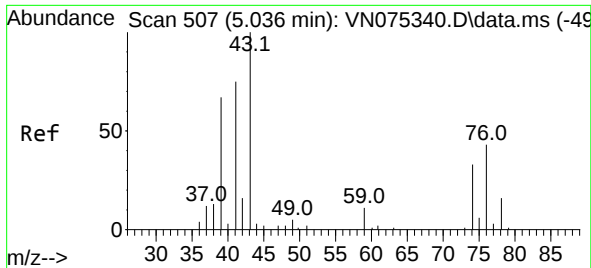


#16
Acetone
Concen: 19.125 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16



Tgt Ion: 43 Resp: 12781
Ion Ratio Lower Upper
43 100
58 28.1 25.5 38.3





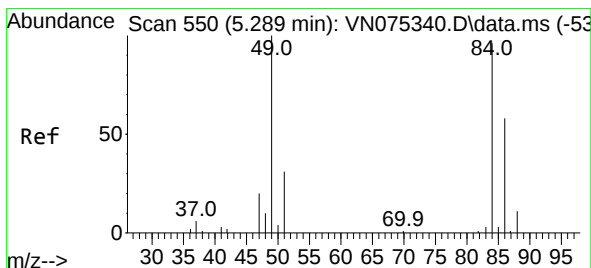
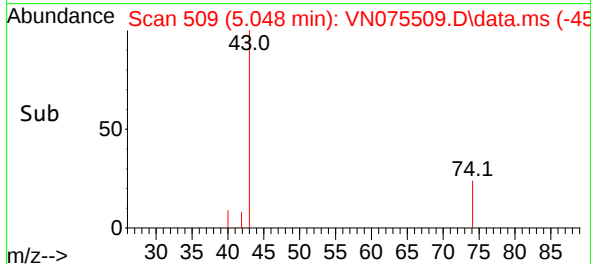
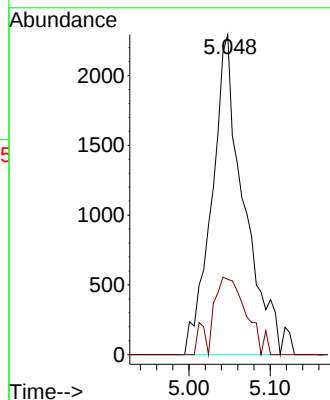
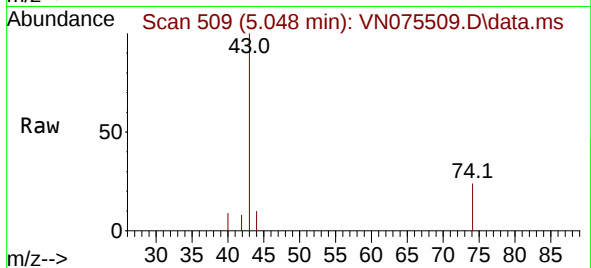
#18
Methyl Acetate
Concen: 2.460 ug/l
RT: 5.048 min Scan# 509
Delta R.T. 0.012 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB149341ZHE#13

Tgt Ion: 43 Resp: 6219
Ion Ratio Lower Upper
43 100
74 26.1 22.0 33.0

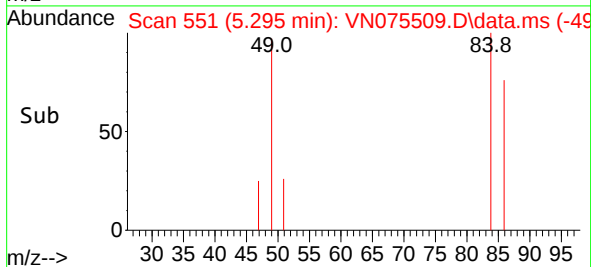
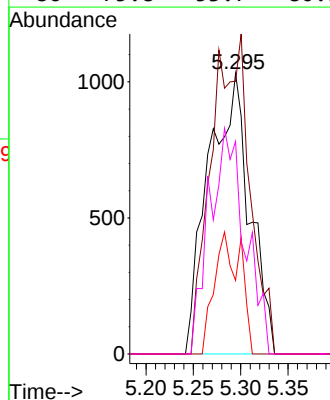
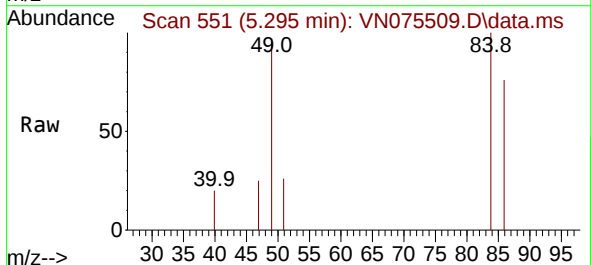
Manual Integrations
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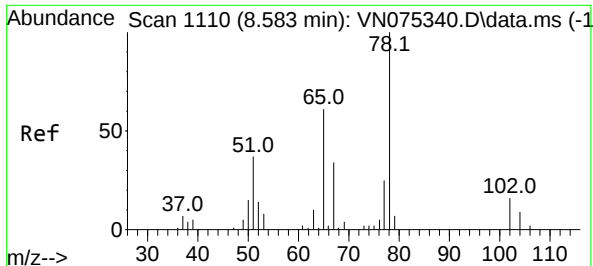
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#20
Methylene Chloride
Concen: 1.050 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

Tgt Ion: 84 Resp: 3119
Ion Ratio Lower Upper
84 100
49 97.2 94.9 142.3
51 26.3 26.8 40.2#
86 75.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.077 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075509.D

Acq: 30 Nov 2022 18:16

Instrument :

MSVOA_N

ClientSampleId :

PB149341ZHE#13

Tgt Ion: 65 Resp: 4089

Ion Ratio Lower Upper

65 100

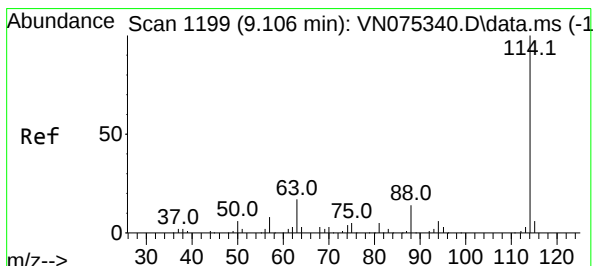
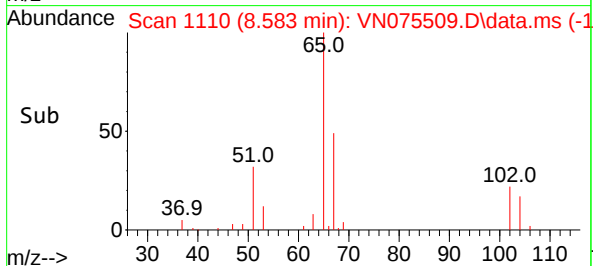
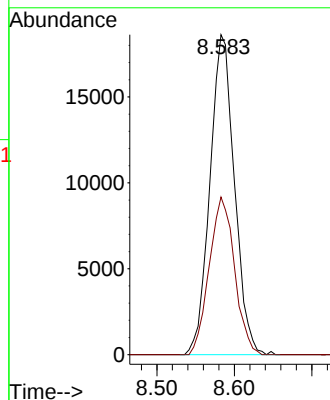
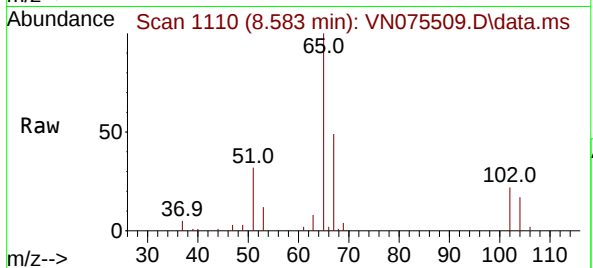
67 50.9 0.0 102.0

Manual Integrations

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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: VN075509.D

Acq: 30 Nov 2022 18:16

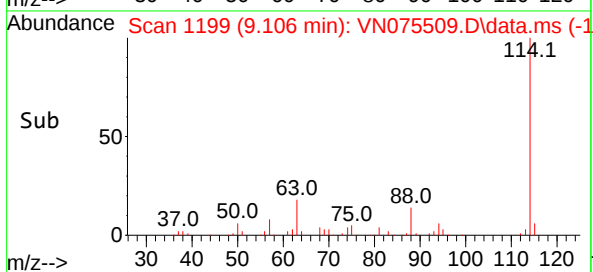
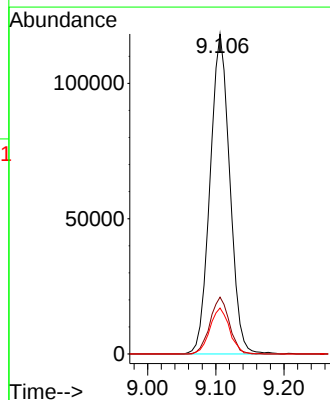
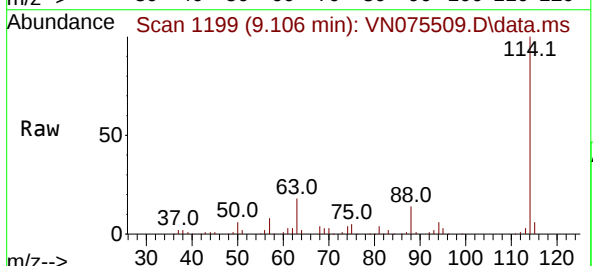
Tgt Ion:114 Resp: 237881

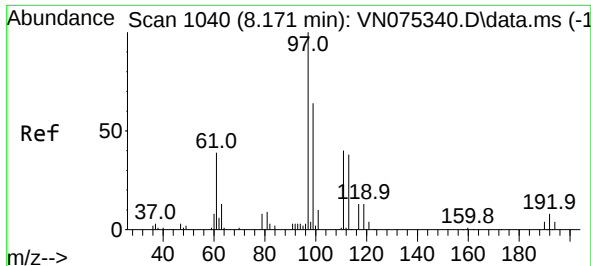
Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.6

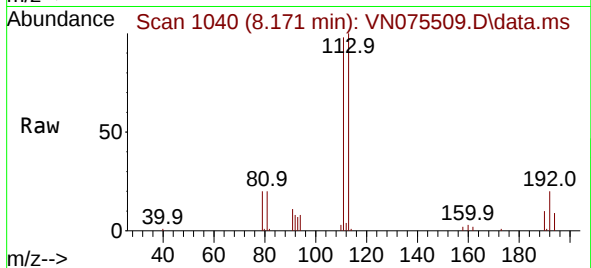
88 14.3 0.0 29.0





#35
Dibromofluoromethane
Concen: 51.159 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

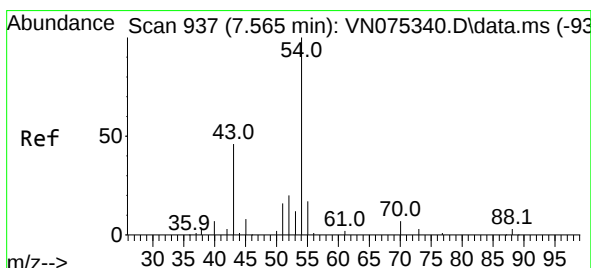
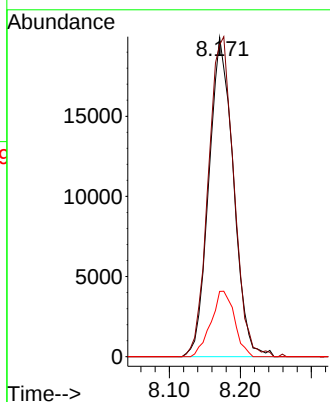
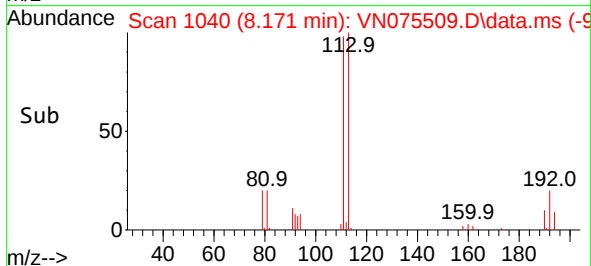
Instrument :
MSVOA_N
ClientSampleId :
PB149341ZHE#13



Tgt Ion: 113 Resp: 4780
Ion Ratio Lower Upper
113 100
111 104.1 80.5 120.7
192 19.7 13.2 19.8

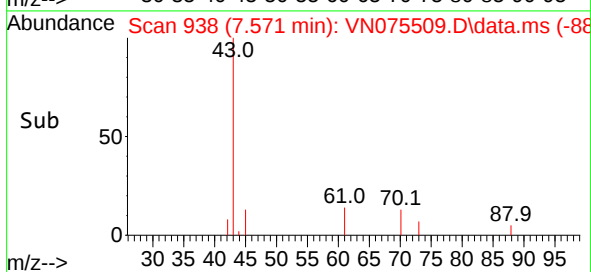
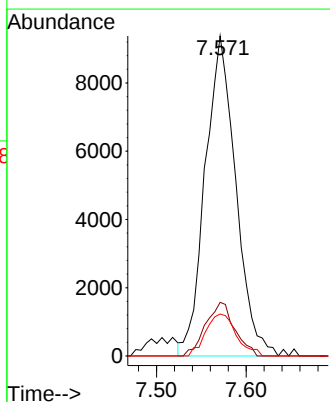
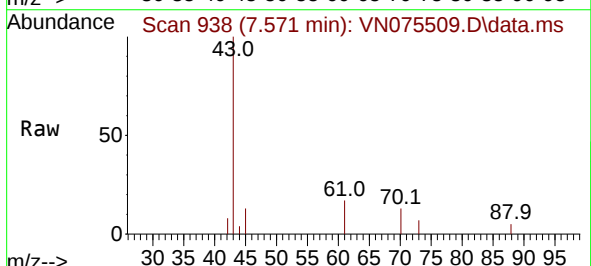
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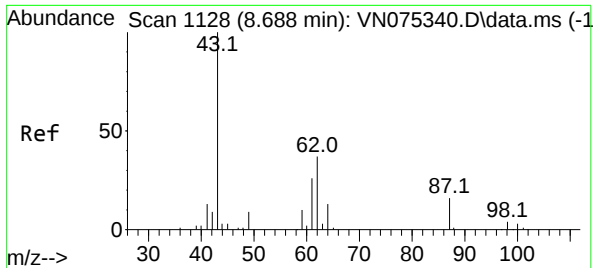
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#37
Ethyl Acetate
Concen: 12.125 ug/l
RT: 7.571 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

Tgt Ion: 43 Resp: 22248
Ion Ratio Lower Upper
43 100
61 15.8 12.2 18.4
70 13.0 9.4 14.2





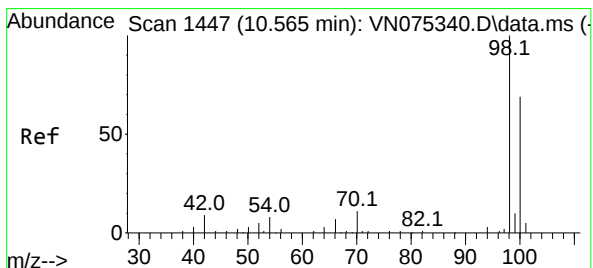
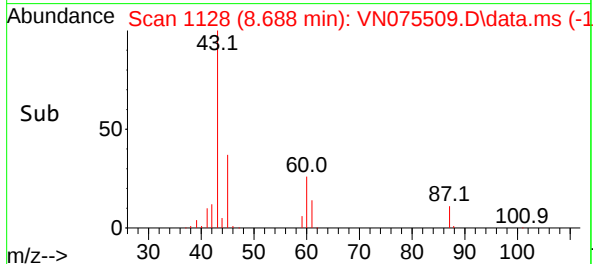
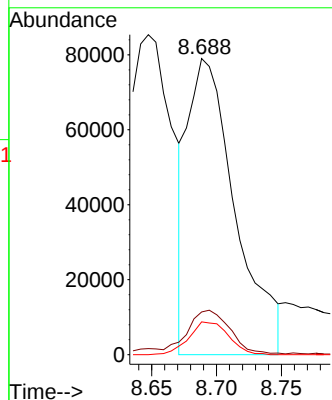
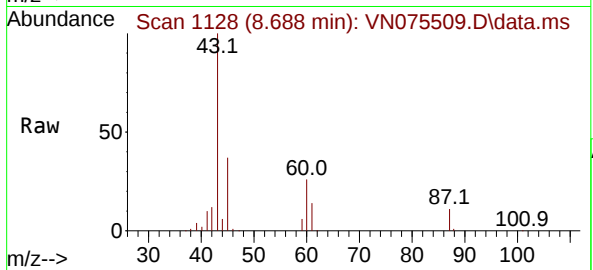
#43
Isopropyl Acetate
Concen: 68.824 ug/l m
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

Instrument :
MSVOA_N
ClientSampleId :
PB149341ZHE#13

Tgt Ion: 43 Resp: 202709
Ion Ratio Lower Upper
43 100
61 14.9 22.4 33.6
87 9.2 12.5 18.7

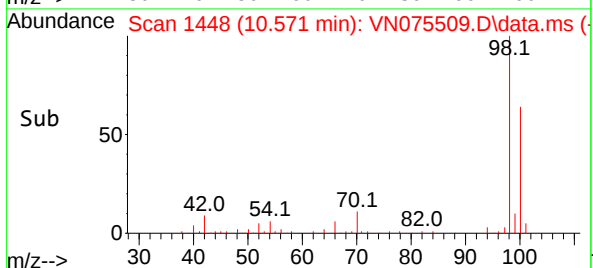
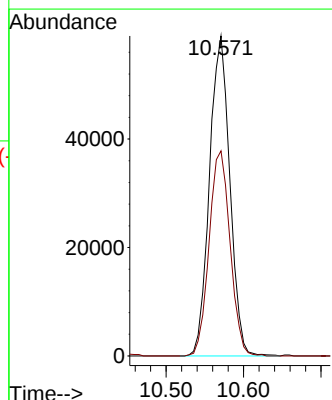
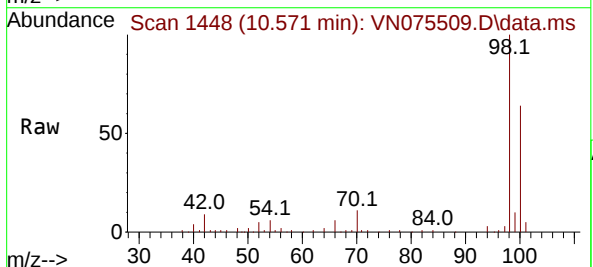
Manual Integrations
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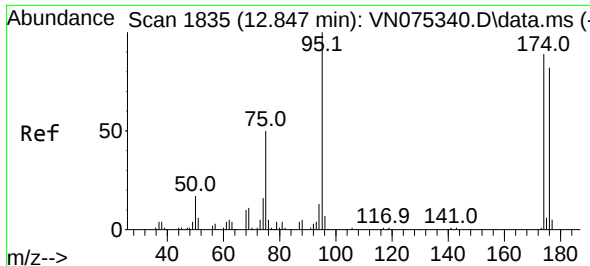
Reviewed By :John Carlone 12/01/2022
Supervised By :Mahesh Dadoda 12/01/2022



#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

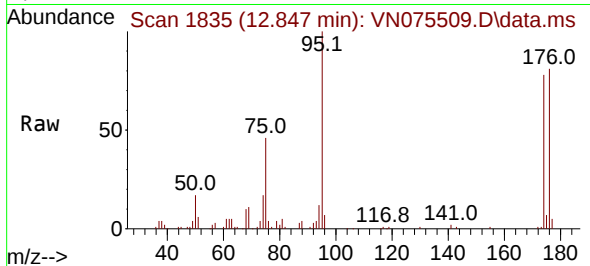
Tgt Ion: 98 Resp: 107700
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 47.089 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16

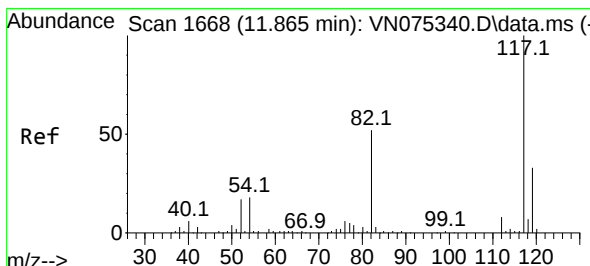
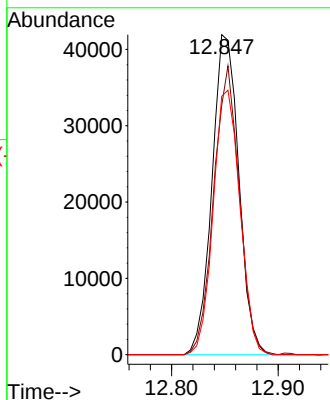
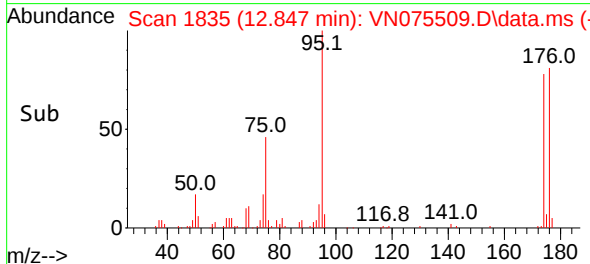
Instrument :
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ClientSampleId :
PB149341ZHE#13



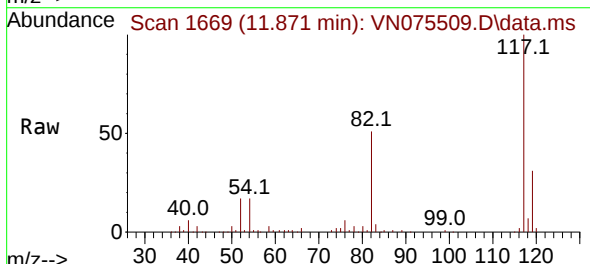
Tgt Ion: 95 Resp: 7315
Ion Ratio Lower Upper
95 100
174 86.5 0.0 147.4
176 82.6 0.0 142.2

Manual Integrations
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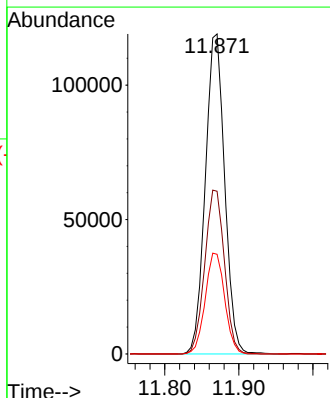
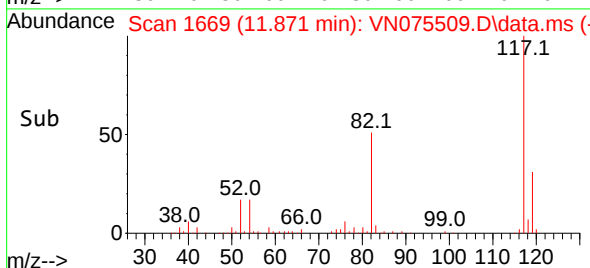
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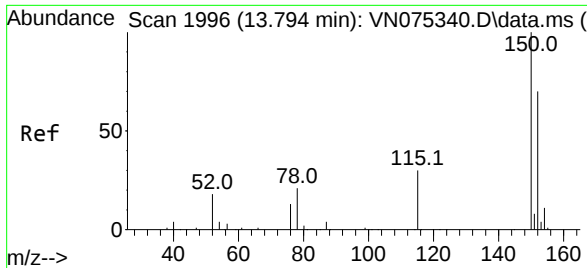


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075509.D
Acq: 30 Nov 2022 18:16



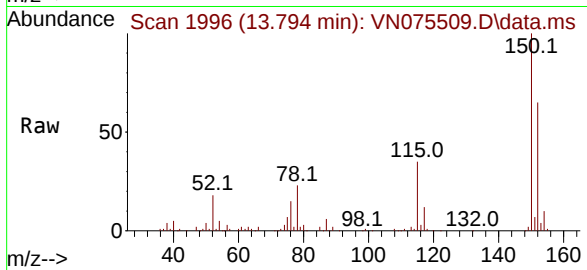
Tgt Ion:117 Resp: 215577
Ion Ratio Lower Upper
117 100
82 50.9 43.1 64.7
119 31.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075509.D
 Acq: 30 Nov 2022 18:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149341ZHE#13



Tgt Ion:152 Resp: 8748
 Ion Ratio Lower Upper
 152 100
 115 57.4 30.2 90.6
 150 157.5 0.0 348.4

Manual Integrations
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 Supervised By :Mahesh Dadoda 12/01/2022

