

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
 Data File : VN081289.D
 Acq On : 01 Mar 2024 16:43
 Operator : JC\MD
 Sample : P1659-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-16

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/04/2024
 Supervised By : Mahesh Dadoda 03/04/2024

Quant Time: Mar 01 22:20:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	327268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	629563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	561944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	213217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	230099	57.361	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.720%			
35) Dibromofluoromethane	8.165	113	182991	51.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.571	98	716593	56.674	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.340%#			
62) 4-Bromofluorobenzene	12.853	95	226034	47.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.160%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	84939	53.814	ug/l	93
18) Methyl Acetate	5.024	43	6156m	1.599	ug/l	
20) Methylene Chloride	5.277	84	33154	7.326	ug/l #	84
43) Isopropyl Acetate	8.688	43	385579	40.052	ug/l #	77

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

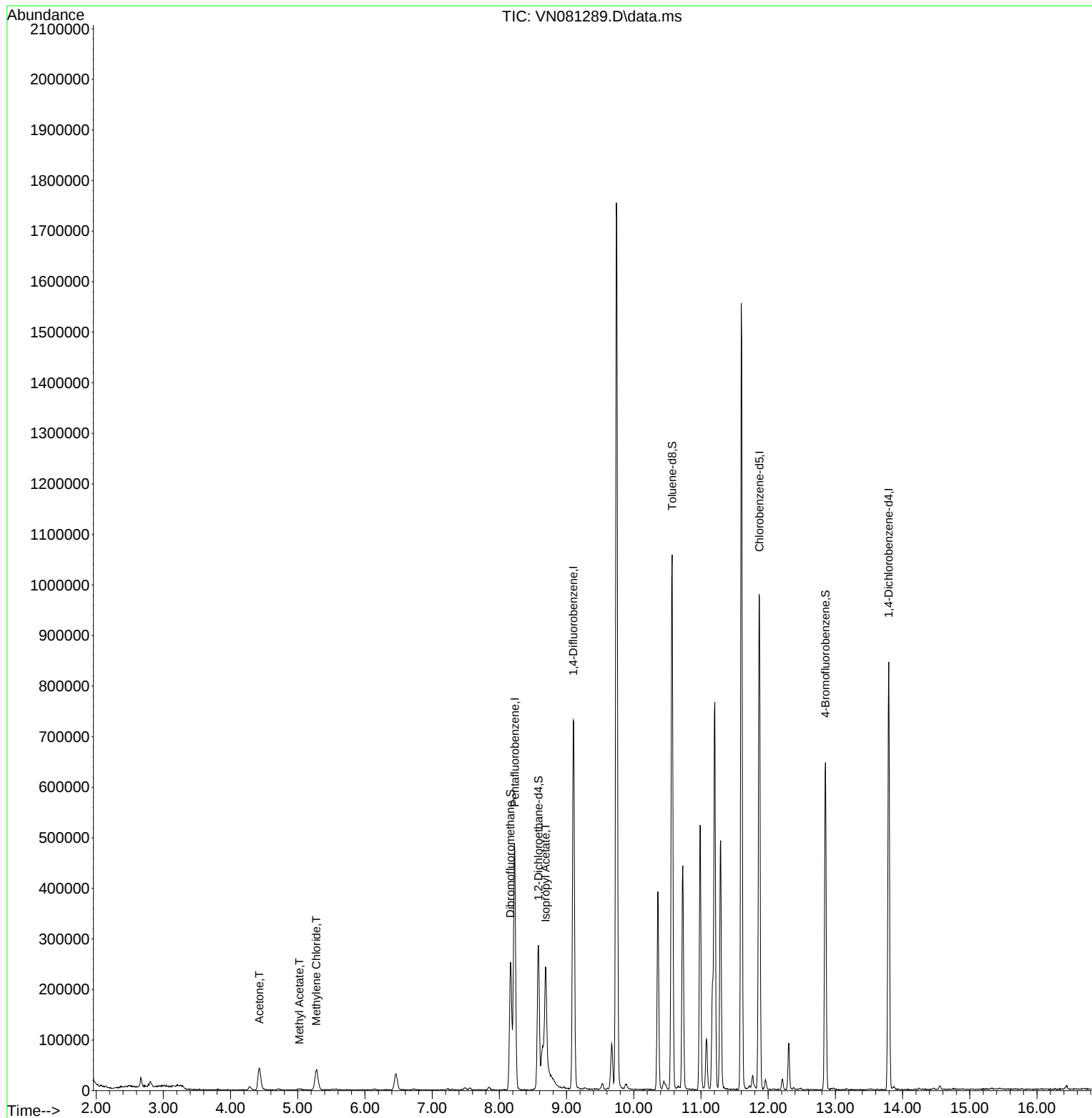
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030124\
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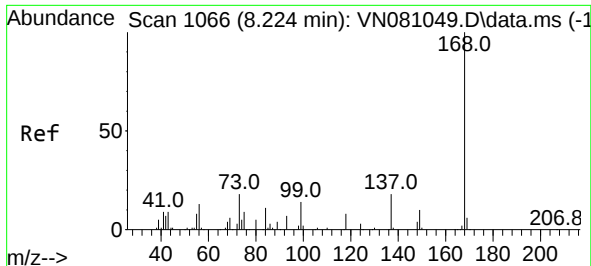
Instrument :
MSVOA_N
ClientSampleId :
TP-16

Quant Time: Mar 01 22:20:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
Quant Title : SW846 8260
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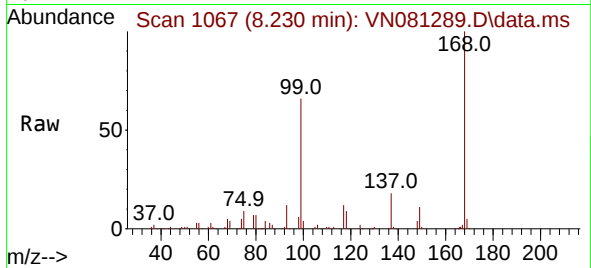
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

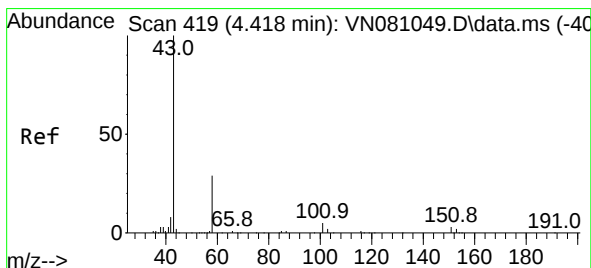
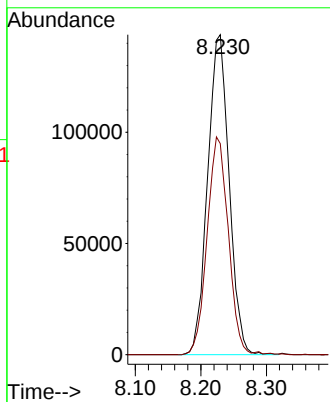
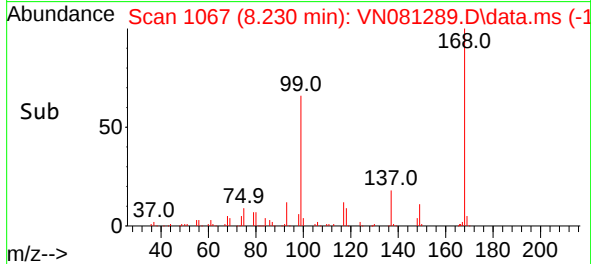
Instrument :
MSVOA_N
ClientSampleId :
TP-16



Tgt Ion:168 Resp: 327268
Ion Ratio Lower Upper
168 100
99 66.0 59.9 89.9

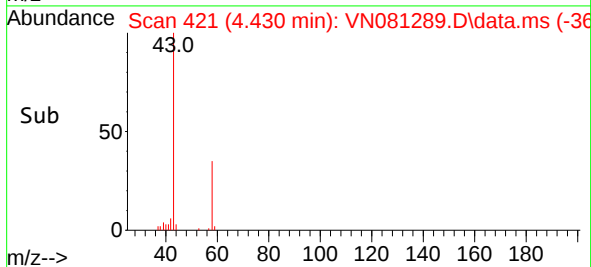
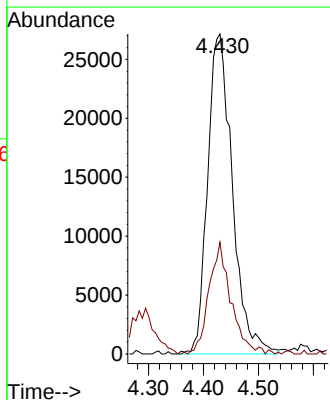
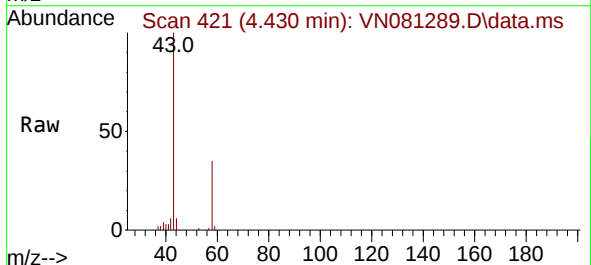
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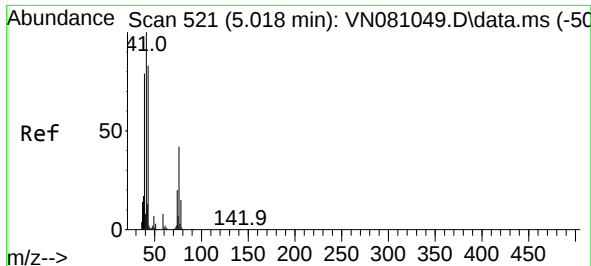
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#16
Acetone
Concen: 53.814 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

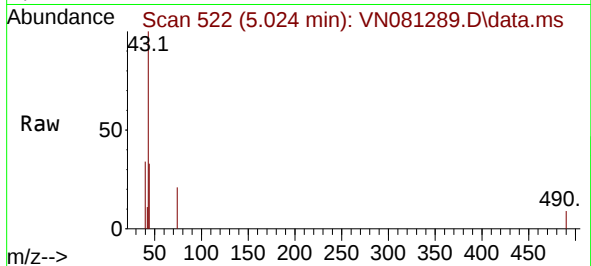
Tgt Ion: 43 Resp: 84939
Ion Ratio Lower Upper
43 100
58 34.9 24.8 37.2





#18
Methyl Acetate
Concen: 1.599 ug/l m
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

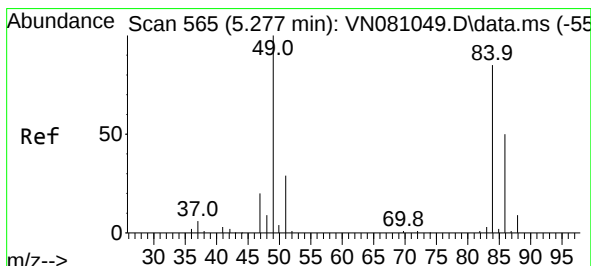
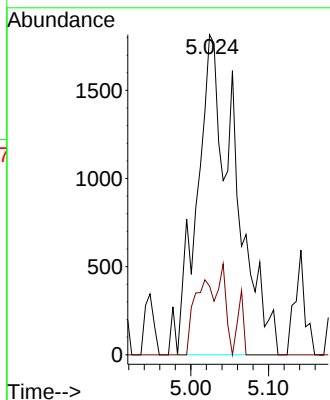
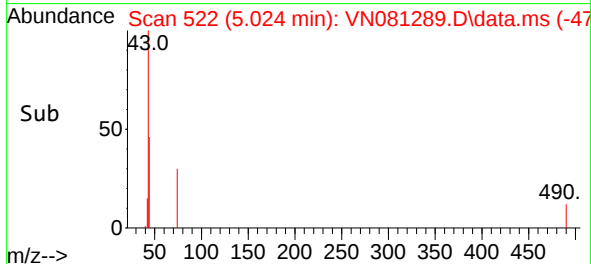
Instrument :
MSVOA_N
ClientSampleId :
TP-16



Tgt Ion: 43 Resp: 6150
Ion Ratio Lower Upper
43 100
74 12.0 17.3 25.9

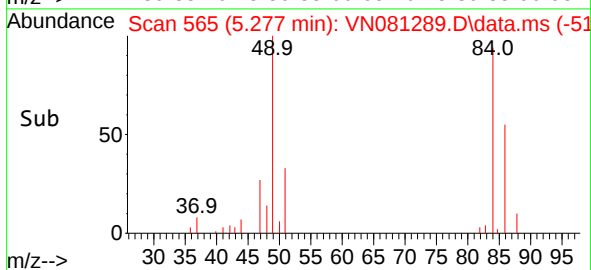
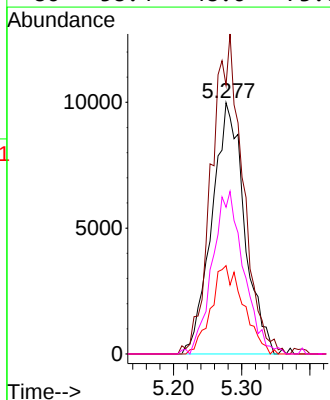
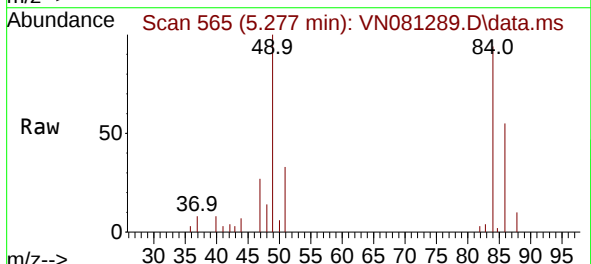
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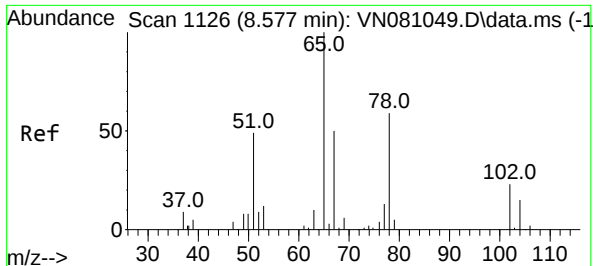
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#20
Methylene Chloride
Concen: 7.326 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

Tgt Ion: 84 Resp: 33154
Ion Ratio Lower Upper
84 100
49 107.0 108.1 162.1#
51 35.2 32.9 49.3
86 58.4 48.6 73.0





#33

1,2-Dichloroethane-d4

Concen: 57.361 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081289.D

Acq: 01 Mar 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

TP-16

Tgt Ion: 65 Resp: 230099

Ion Ratio Lower Upper

65 100

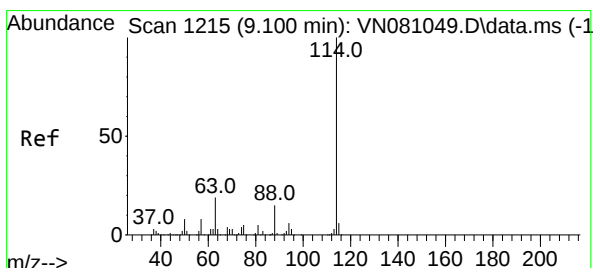
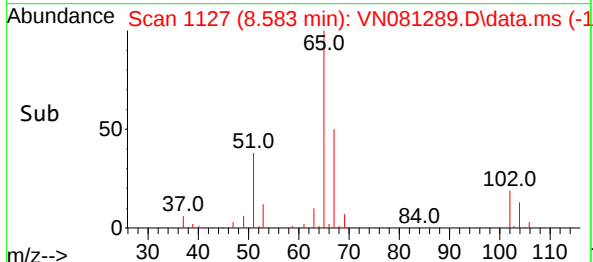
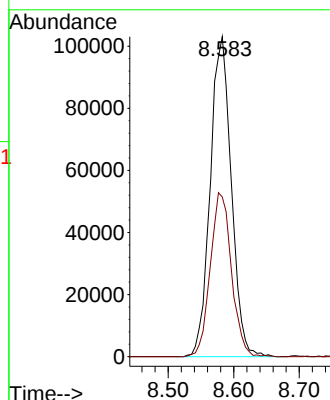
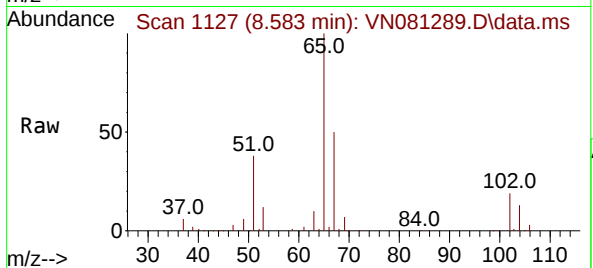
67 51.4 0.0 102.4

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Supervised By :Mahesh Dadoda 03/04/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN081289.D

Acq: 01 Mar 2024 16:43

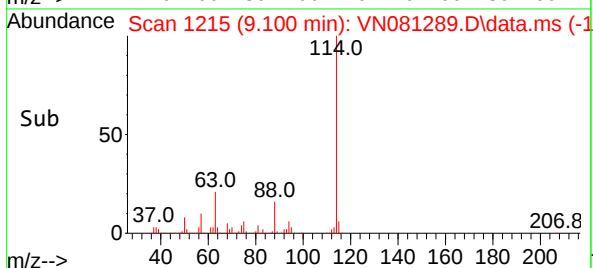
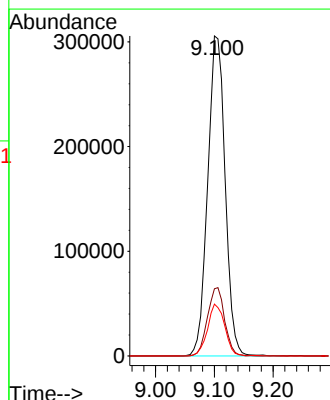
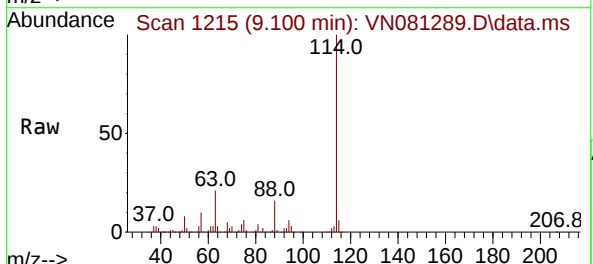
Tgt Ion:114 Resp: 629563

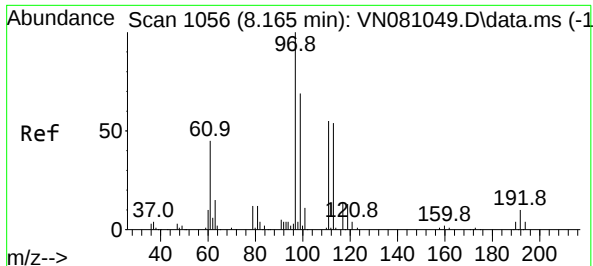
Ion Ratio Lower Upper

114 100

63 21.0 0.0 48.0

88 16.2 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.402 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081289.D

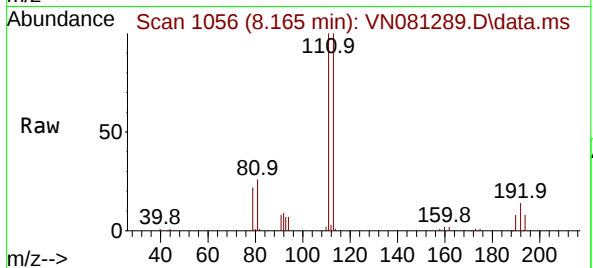
Acq: 01 Mar 2024 16:43

Instrument :

MSVOA_N

ClientSampleId :

TP-16



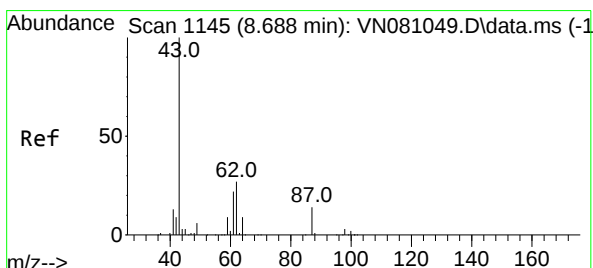
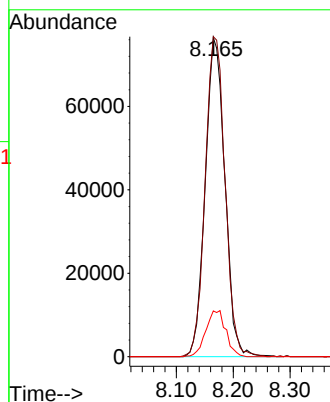
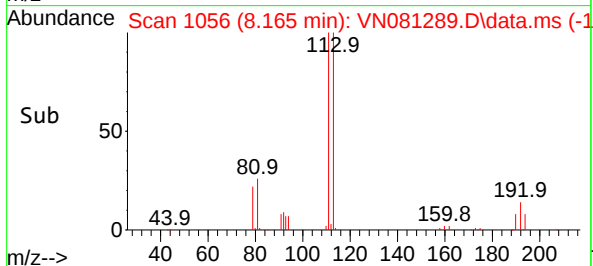
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	14.8	12.5	18.7

Manual Integrations

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Supervised By :Mahesh Dadoda 03/04/2024



#43

Isopropyl Acetate

Concen: 40.052 ug/l

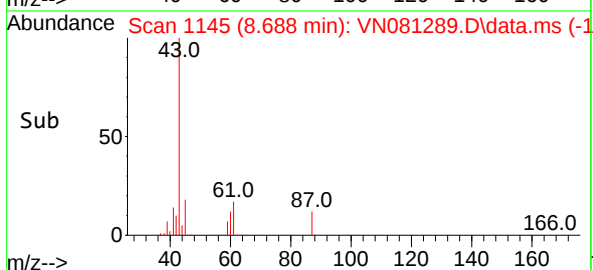
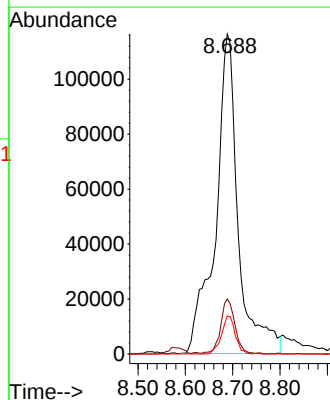
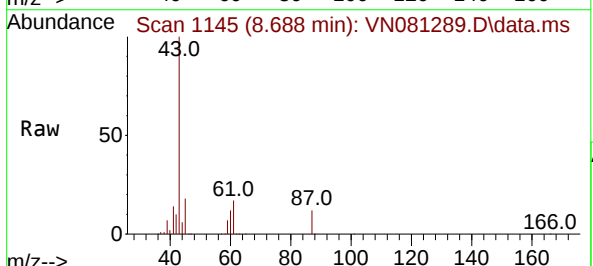
RT: 8.688 min Scan# 1145

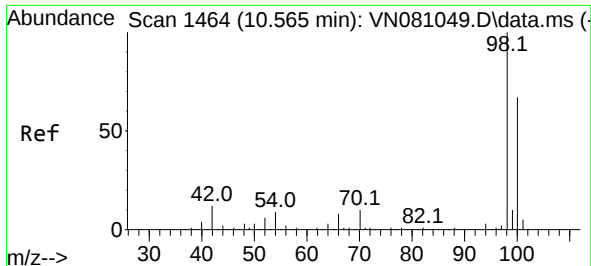
Delta R.T. -0.000 min

Lab File: VN081289.D

Acq: 01 Mar 2024 16:43

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.9	19.9	29.9#
87	7.2	9.0	13.6#





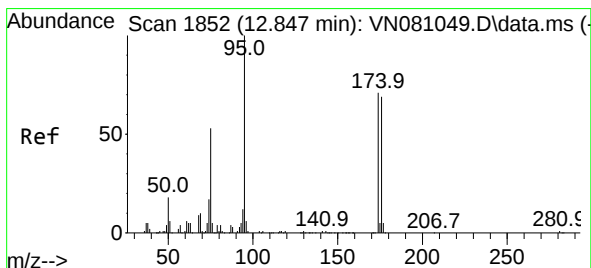
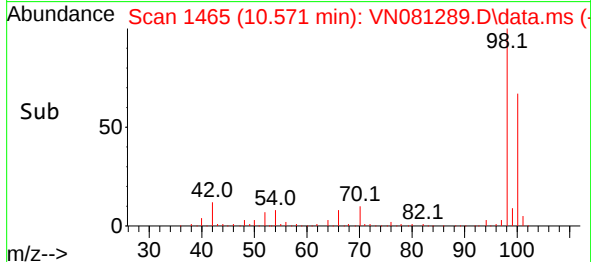
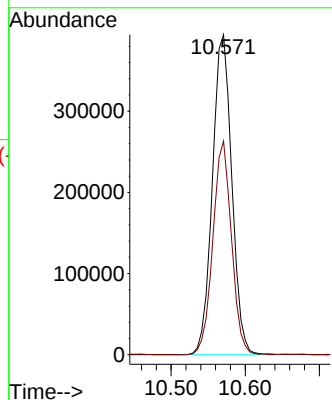
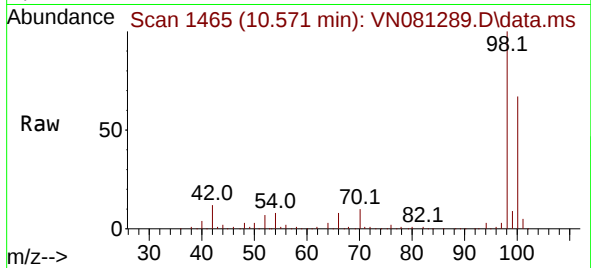
#50
Toluene-d8
Concen: 56.674 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

Instrument :
MSVOA_N
ClientSampleId :
TP-16

Tgt Ion: 98 Resp: 71659
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

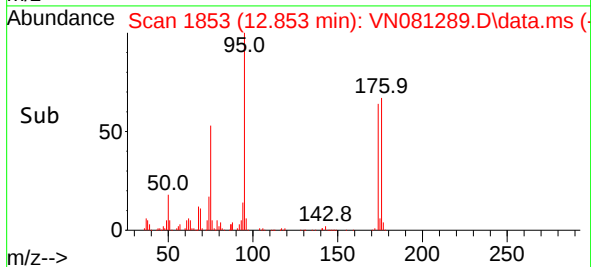
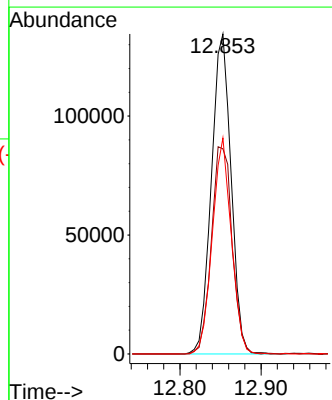
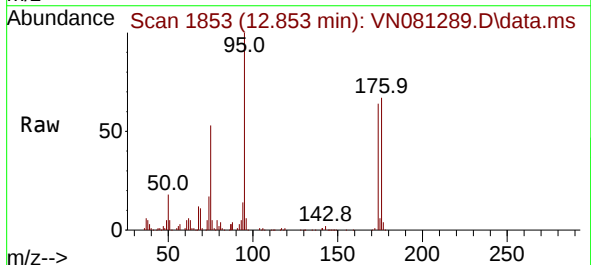
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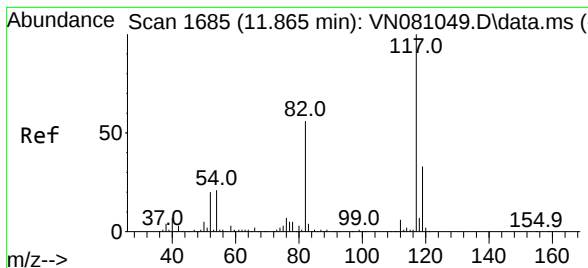
Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#62
4-Bromofluorobenzene
Concen: 47.575 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

Tgt Ion: 95 Resp: 226034
Ion Ratio Lower Upper
95 100
174 68.4 0.0 120.4
176 65.4 0.0 121.0





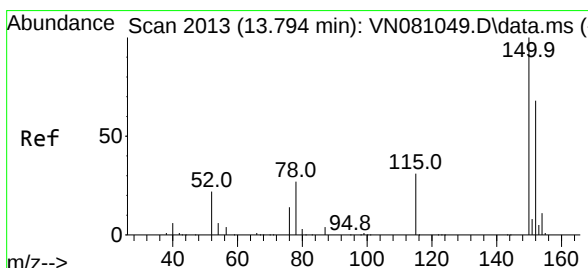
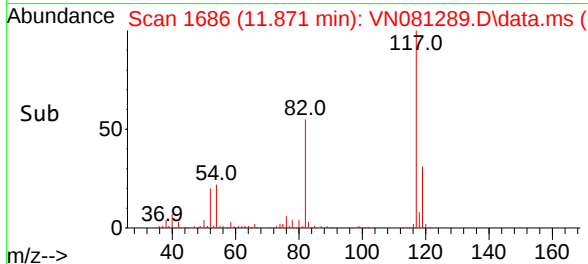
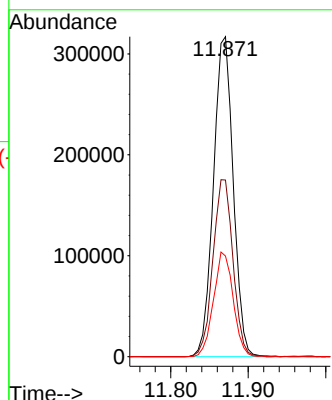
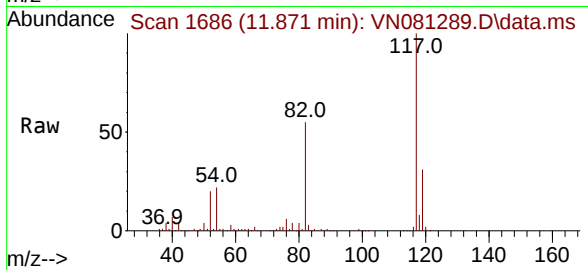
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

Instrument :
MSVOA_N
ClientSampleId :
TP-16

Tgt Ion:117 Resp: 561944
Ion Ratio Lower Upper
117 100
82 55.2 52.7 79.1
119 31.4 25.3 37.9

Manual Integrations
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Reviewed By :John Carlone 03/04/2024
Supervised By :Mahesh Dadoda 03/04/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081289.D
Acq: 01 Mar 2024 16:43

Tgt Ion:152 Resp: 213217
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 158.3 0.0 339.8

