

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
 Data File : VN080629.D
 Acq On : 02 Jan 2024 16:54
 Operator : JC\MD
 Sample : 06038-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T-402

Quant Time: Jan 03 01:47:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	310383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	578732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	615327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	305041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	179602	45.111	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.220%		
35) Dibromofluoromethane	8.165	113	167702	44.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.600%		
50) Toluene-d8	10.565	98	633551	48.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.960%		
62) 4-Bromofluorobenzene	12.853	95	271546	61.740	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	123.480%#		
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	10635	1.823	ug/l	100
16) Acetone	4.453	43	3335m	3.082	ug/l	
20) Methylene Chloride	5.271	84	4662	1.350	ug/l	90
39) Methylcyclohexane	9.600	83	5350	1.132	ug/l #	78
40) Benzene	8.600	78	27047	1.970	ug/l	99
67) Ethyl Benzene	11.964	91	299874	14.013	ug/l	97
68) m/p-Xylenes	12.070	106	46357	5.838	ug/l	95
69) o-Xylene	12.400	106	29965	3.842	ug/l	99
73) Isopropylbenzene	12.700	105	58896	2.821	ug/l	99
78) n-propylbenzene	13.035	91	24151	1.012	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	60318	3.421	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	247594	13.870	ug/l	100
86) p-Isopropyltoluene	13.729	119	23167	1.766	ug/l	94
95) Naphthalene	15.641	128	3745057	236.447	ug/l	99

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

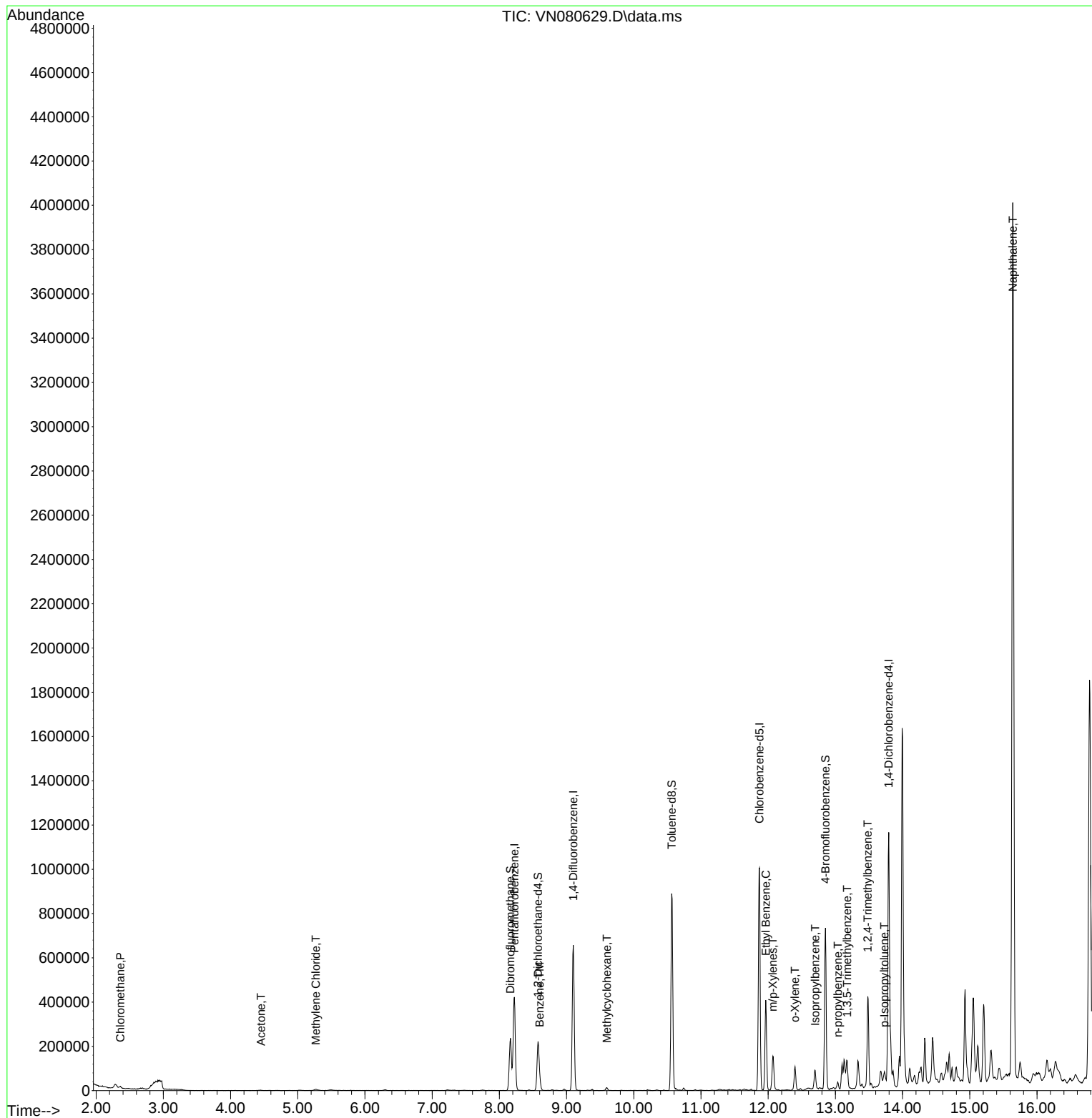
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010224\
Data File : VN080629.D
Acq On : 02 Jan 2024 16:54
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Sample : 06038-01
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ALS Vial : 14 Sample Multiplier: 1

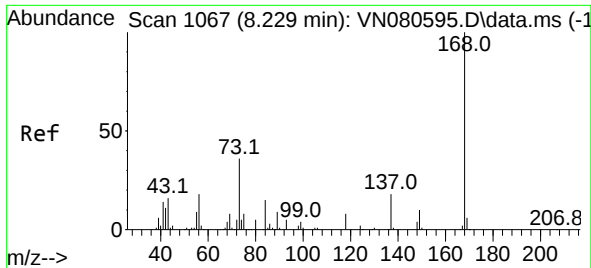
Instrument :
MSVOA_N
ClientSampleId :
T-402

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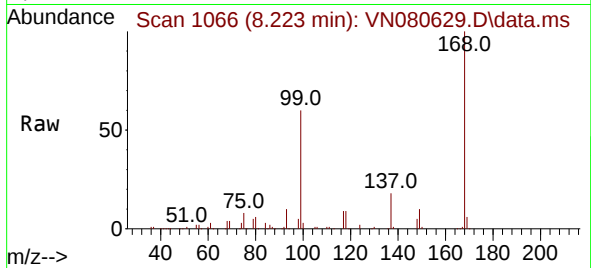
Quant Time: Jan 03 01:47:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

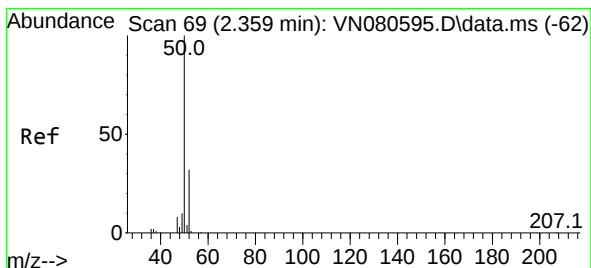
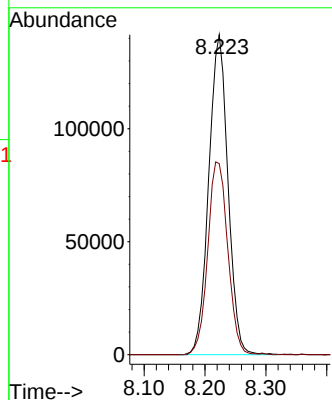
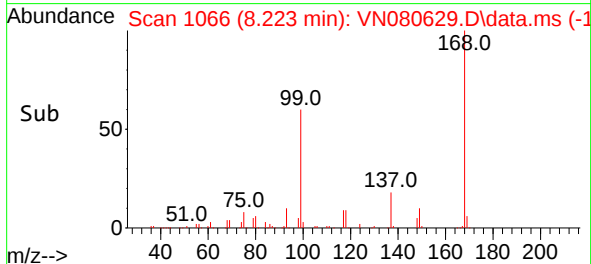
Instrument :
MSVOA_N
ClientSampleId :
T-402



Tgt Ion:168 Resp: 31038
Ion Ratio Lower Upper
168 100
99 59.7 53.0 79.6

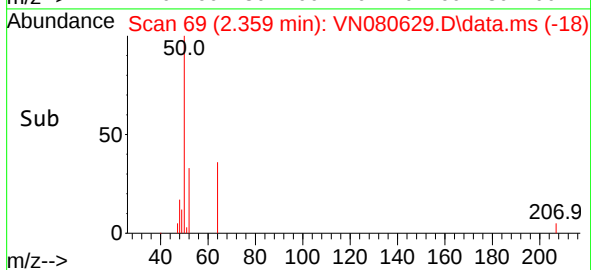
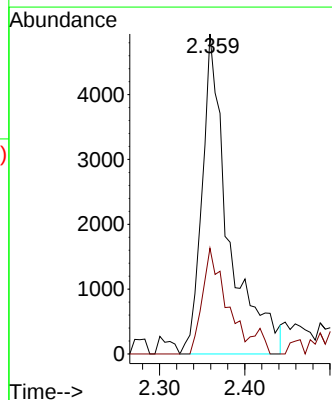
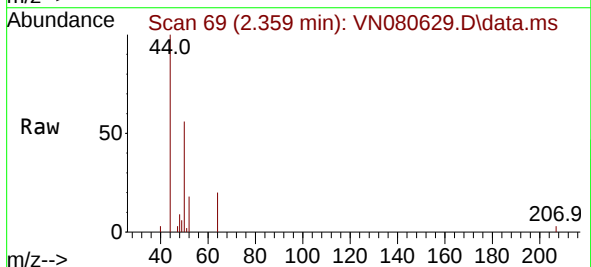
Manual Integrations
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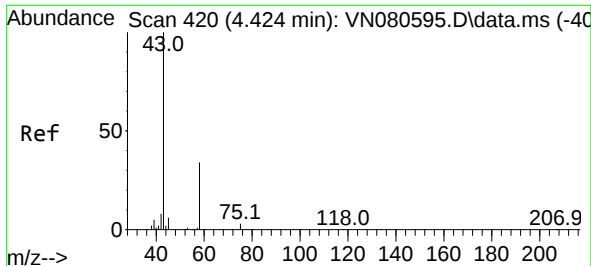
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#3
Chloromethane
Concen: 1.823 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

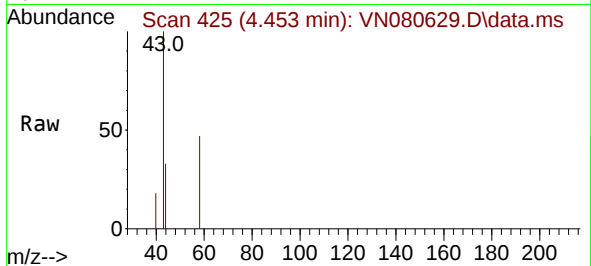
Tgt Ion: 50 Resp: 10635
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7





#16
Acetone
Concen: 3.082 ug/l m
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

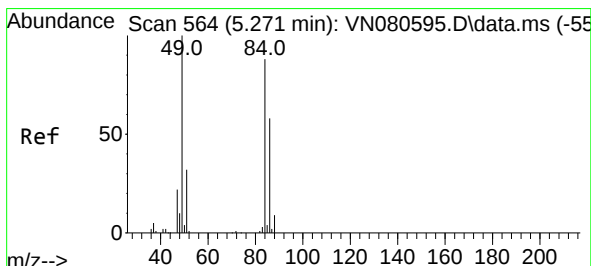
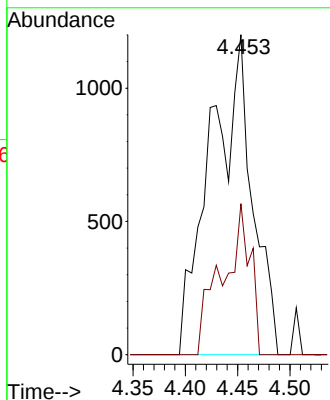
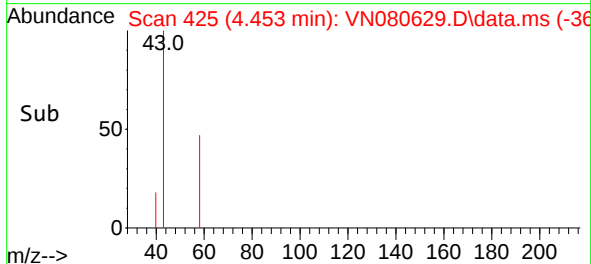
Instrument :
MSVOA_N
ClientSampleId :
T-402



Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 47.2 28.0 42.0

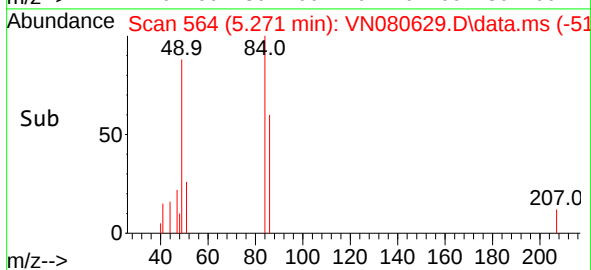
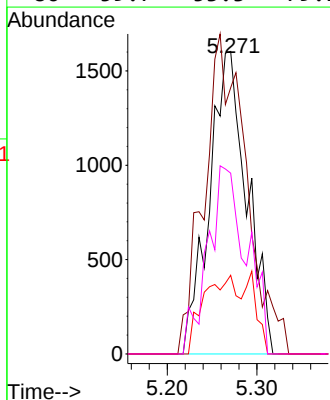
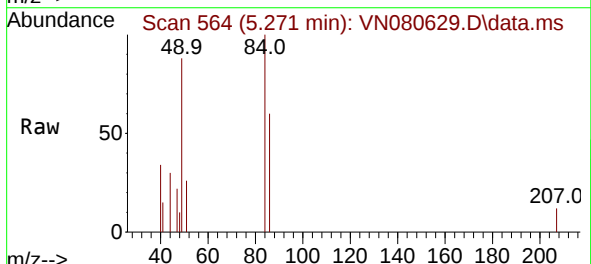
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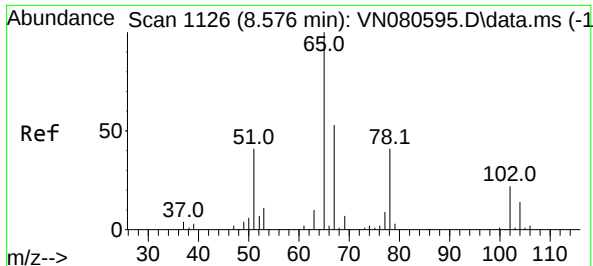
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#20
Methylene Chloride
Concen: 1.350 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 84 Resp: 4662
Ion Ratio Lower Upper
84 100
49 88.0 79.7 119.5
51 26.0 25.2 37.8
86 59.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 45.111 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080629.D

Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

T-402

Tgt Ion: 65 Resp: 17960

Ion Ratio Lower Upper

65 100

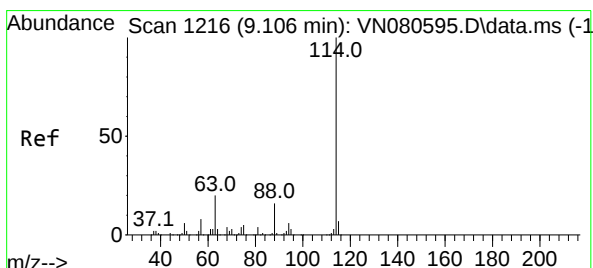
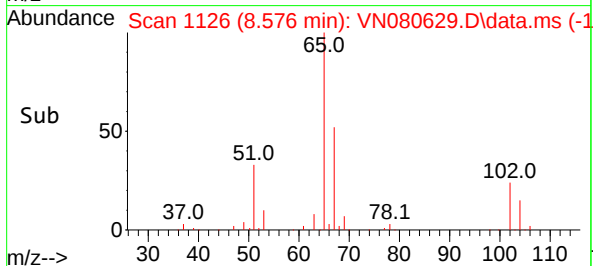
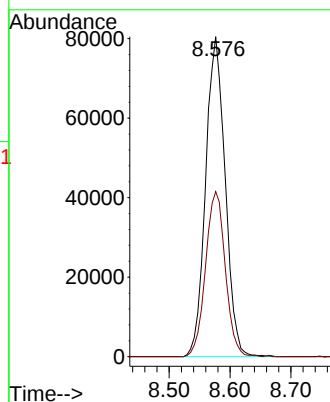
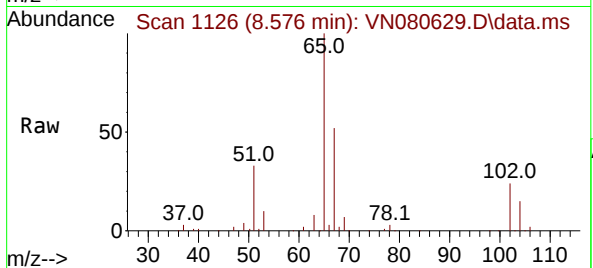
67 52.1 0.0 106.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080629.D

Acq: 02 Jan 2024 16:54

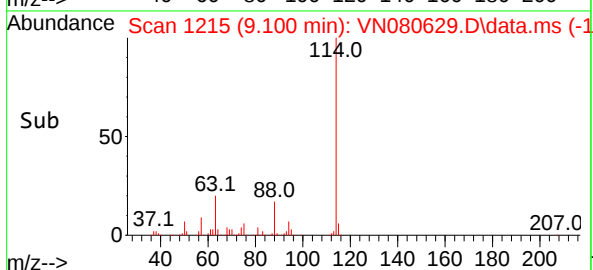
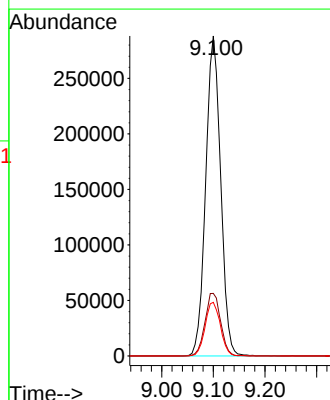
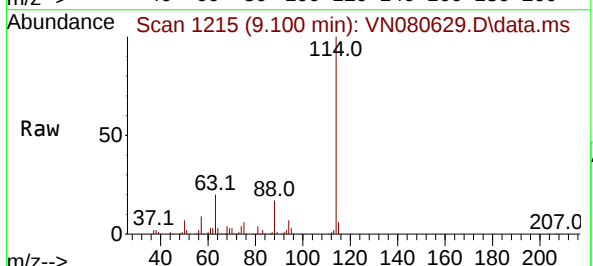
Tgt Ion:114 Resp: 578732

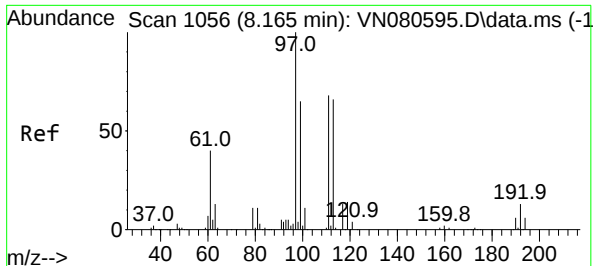
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.804 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080629.D

Acq: 02 Jan 2024 16:54

Instrument :

MSVOA_N

ClientSampleId :

T-402

Tgt Ion:113 Resp: 16770

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

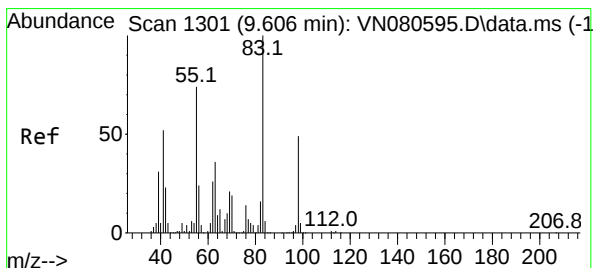
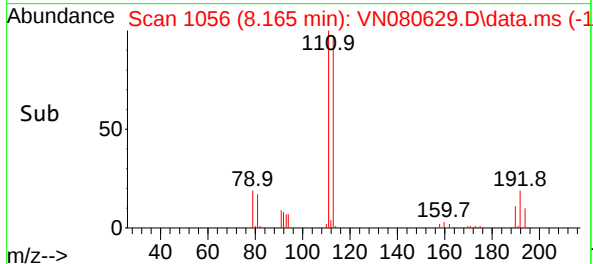
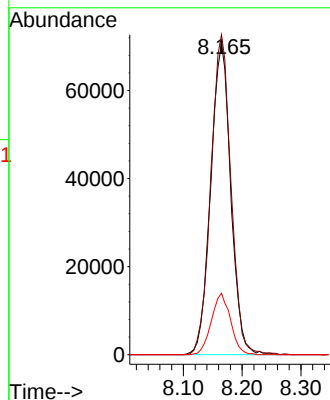
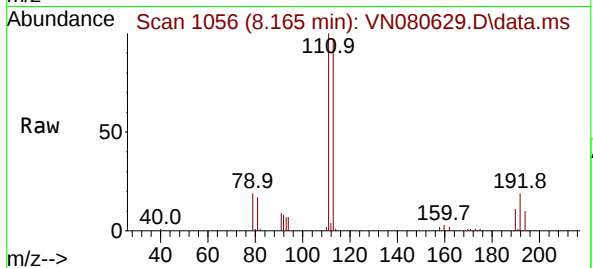
192 18.8 12.7 19.1

Manual Integrations

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Reviewed By :John Carlone 01/03/2024

Supervised By :Mahesh Dadoda 01/04/2024



#39

Methylcyclohexane

Concen: 1.132 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN080629.D

Acq: 02 Jan 2024 16:54

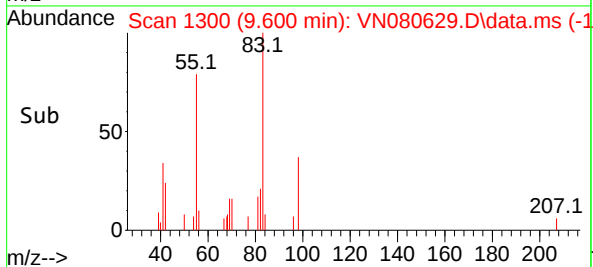
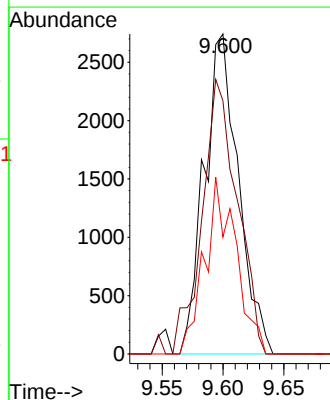
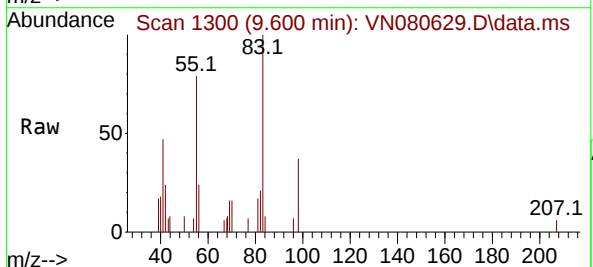
Tgt Ion: 83 Resp: 5350

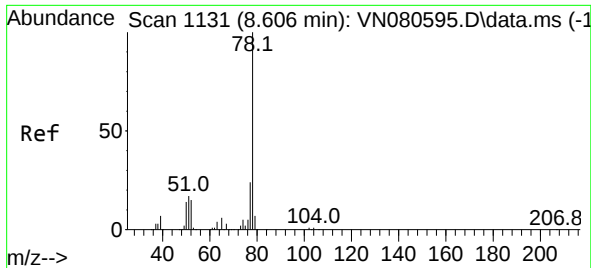
Ion Ratio Lower Upper

83 100

55 79.1 49.1 73.7#

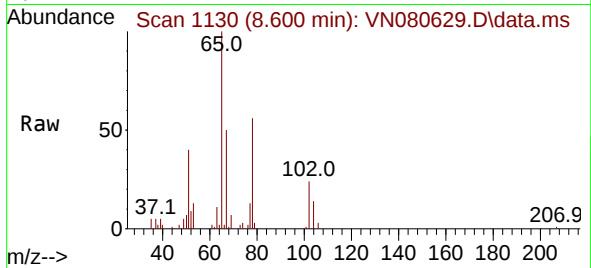
98 36.6 40.6 61.0#





#40
Benzene
Concen: 1.970 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

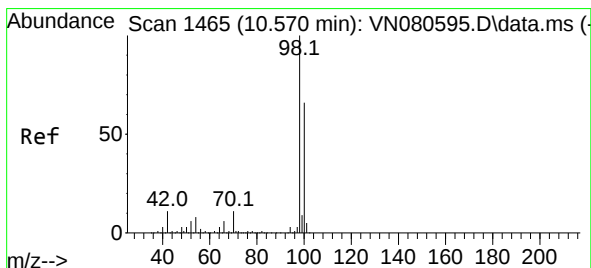
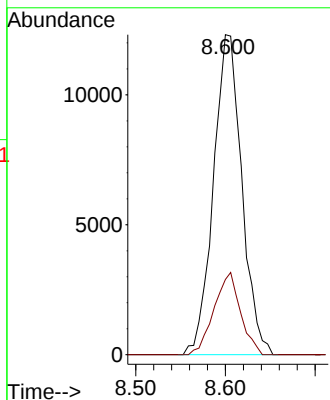
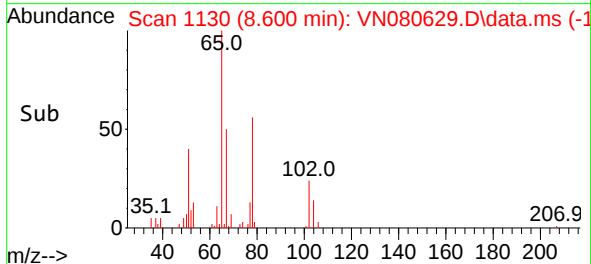
Instrument :
MSVOA_N
ClientSampleId :
T-402



Tgt Ion: 78 Resp: 2704
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

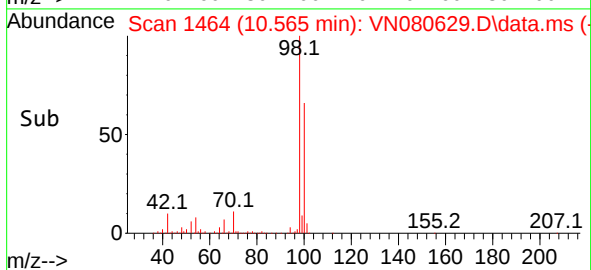
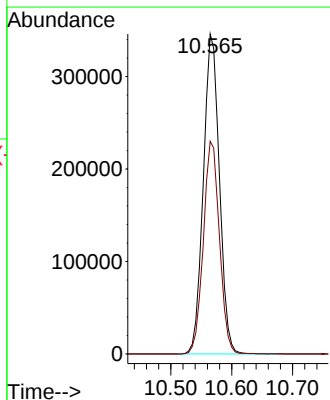
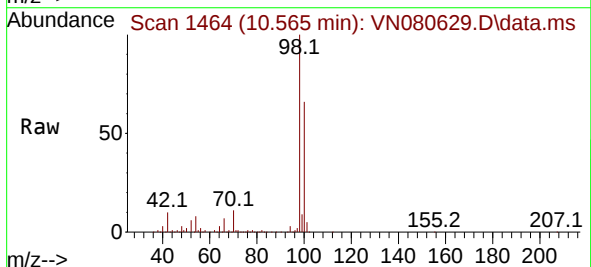
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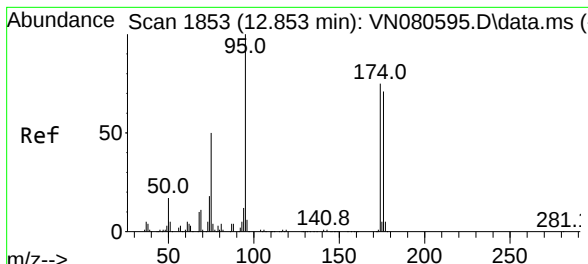
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#50
Toluene-d8
Concen: 48.479 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 98 Resp: 633551
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0





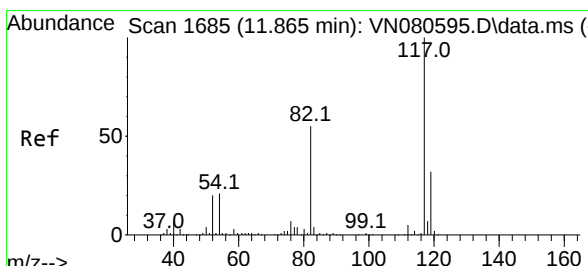
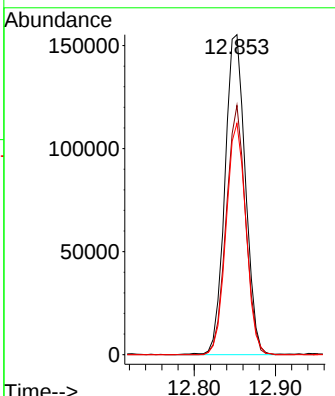
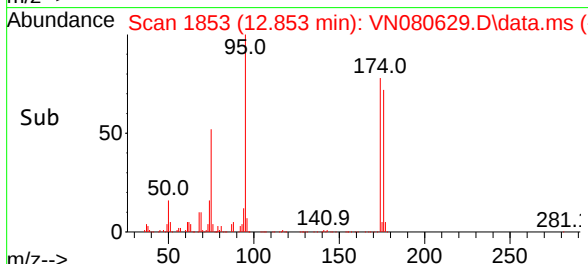
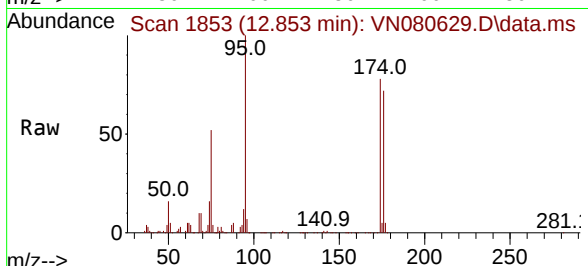
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 4-Bromofluorobenzene
 Concen: 61.740 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN080629.D
 Acq: 02 Jan 2024 16:54

Instrument : MSVOA_N
 ClientSampleId : T-402

Tgt Ion: 95	Resp: 27154
Ion Ratio	Lower Upper
95 100	
174 73.7	0.0 143.8
176 69.9	0.0 135.8

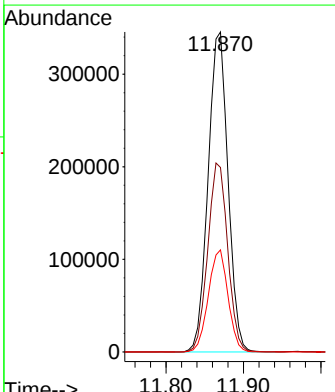
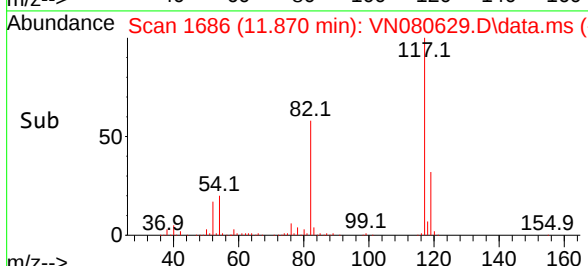
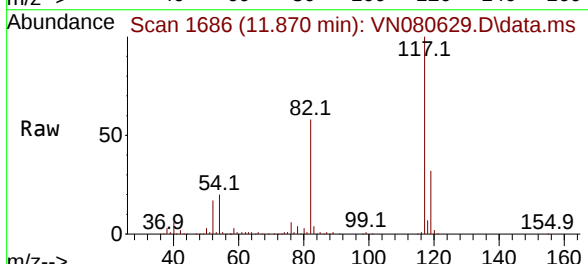
Manual Integrations
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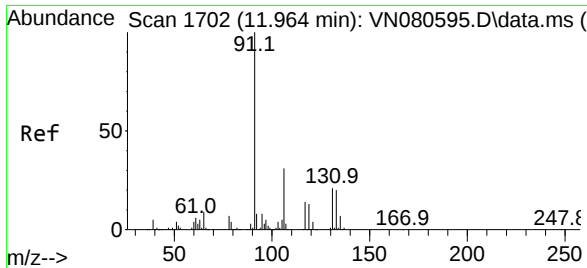
Reviewed By :John Carlone 01/03/2024
 Supervised By :Mahesh Dadoda 01/04/2024



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN080629.D
 Acq: 02 Jan 2024 16:54

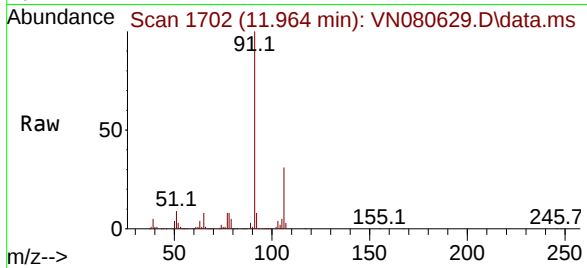
Tgt Ion:117	Resp:	615327	
Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.0	66.0
119	31.9	25.6	38.4





#67
Ethyl Benzene
Concen: 14.013 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

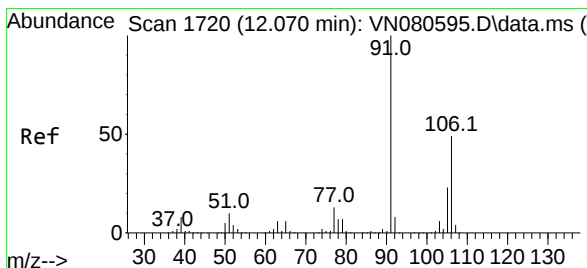
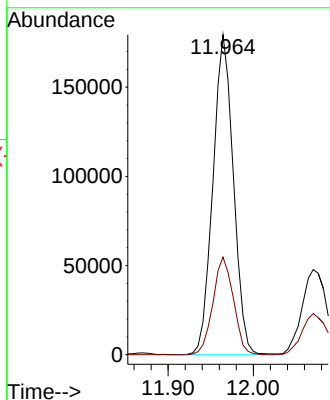
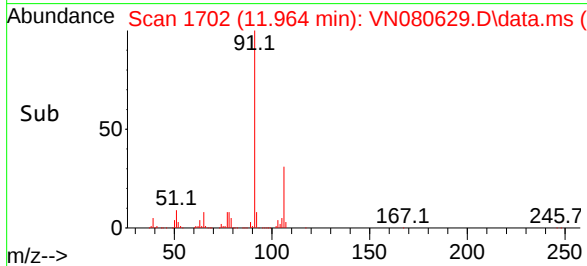
Instrument :
MSVOA_N
ClientSampleId :
T-402



Tgt Ion: 91 Resp: 299874
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

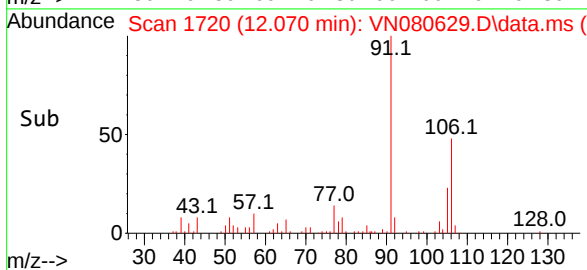
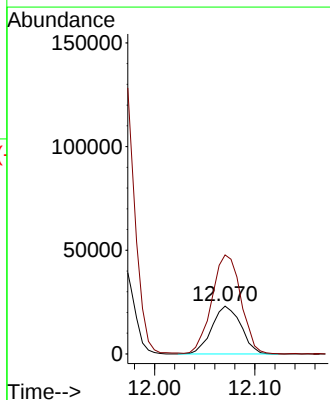
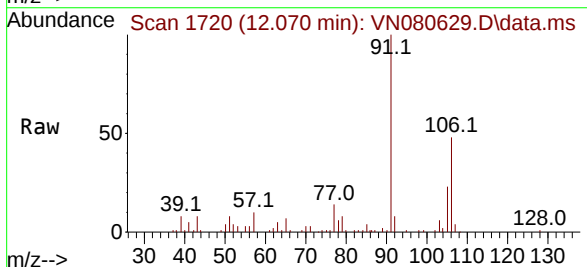
Manual Integrations
APPROVED

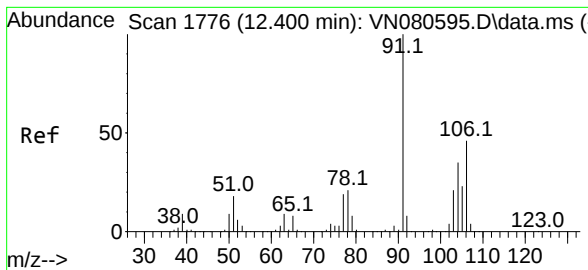
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#68
m/p-Xylenes
Concen: 5.838 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion:106 Resp: 46357
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4





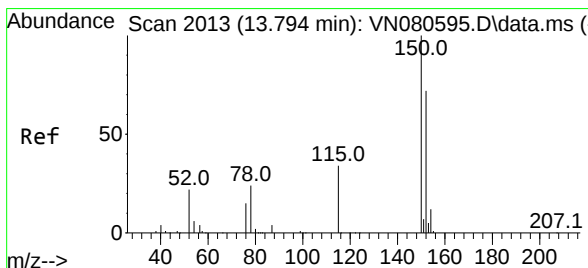
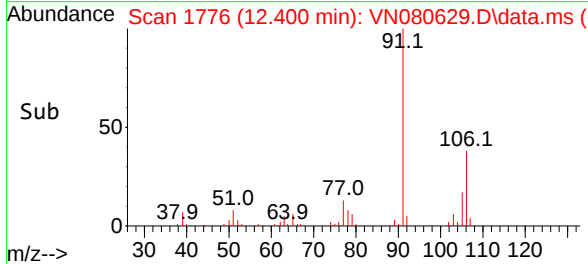
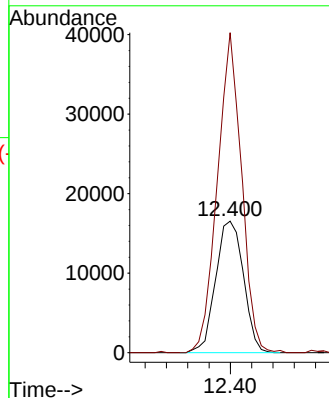
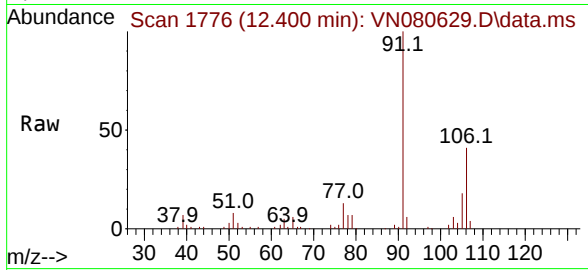
#69
o-Xylene
Concen: 3.842 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
T-402

Tgt Ion:106 Resp: 2996
Ion Ratio Lower Upper
106 100
91 211.5 105.2 315.5

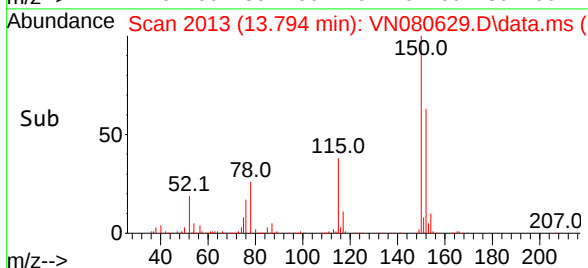
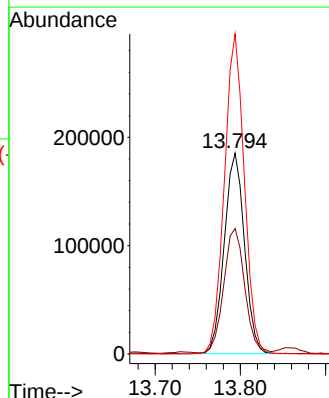
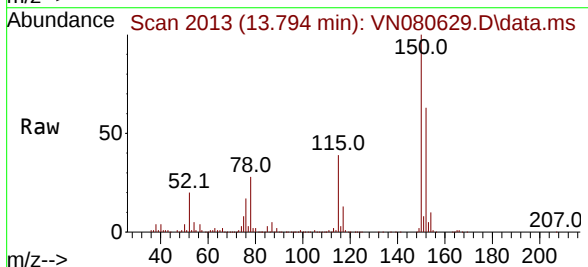
Manual Integrations
APPROVED

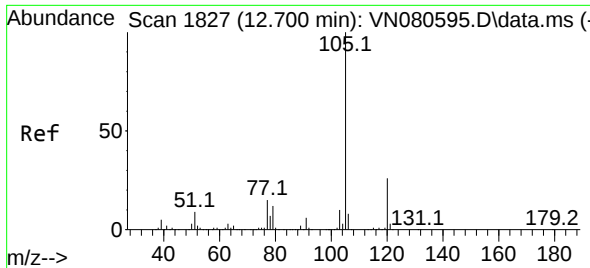
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion:152 Resp: 305041
Ion Ratio Lower Upper
152 100
115 64.1 32.3 96.8
150 157.5 0.0 355.8





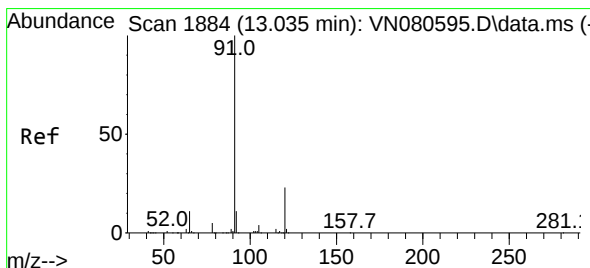
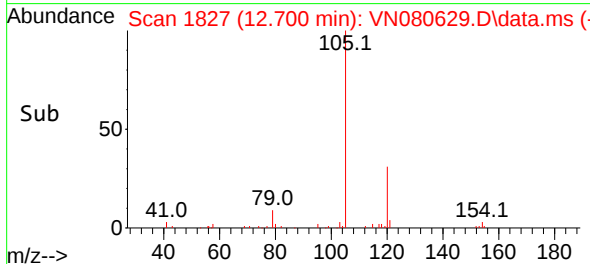
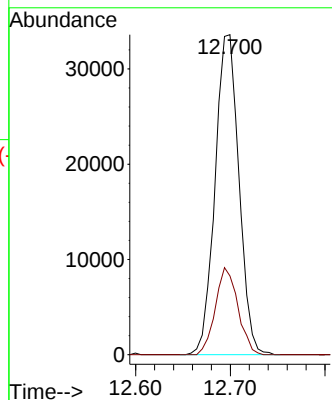
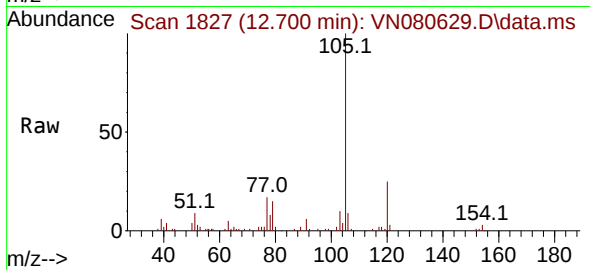
#73
Isopropylbenzene
Concen: 2.821 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
T-402

Tgt Ion:105 Resp: 58890
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

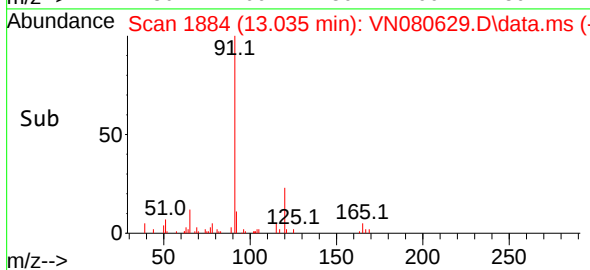
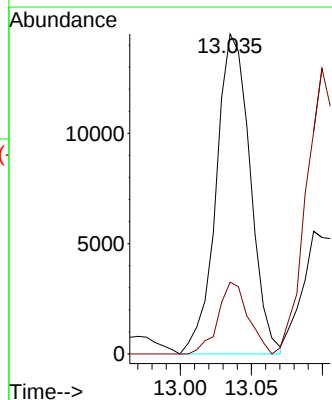
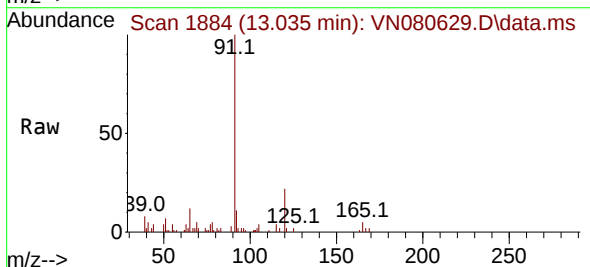
Manual Integrations
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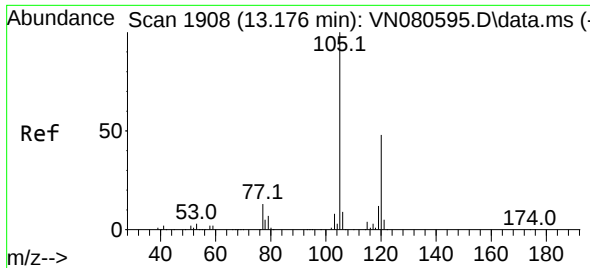
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#78
n-propylbenzene
Concen: 1.012 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion: 91 Resp: 24151
Ion Ratio Lower Upper
91 100
120 19.9 11.5 34.4





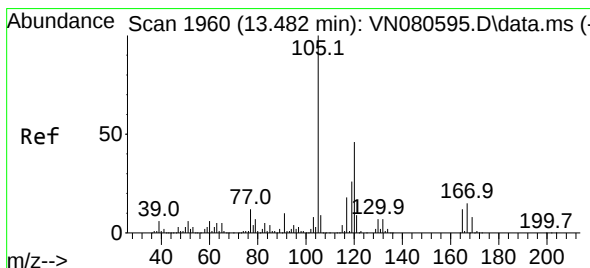
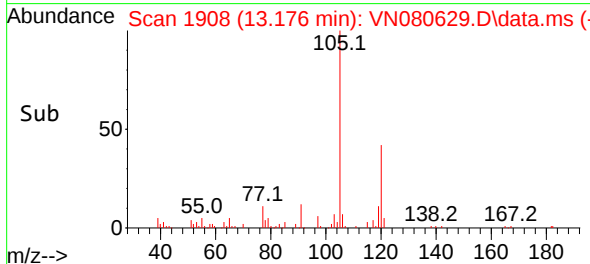
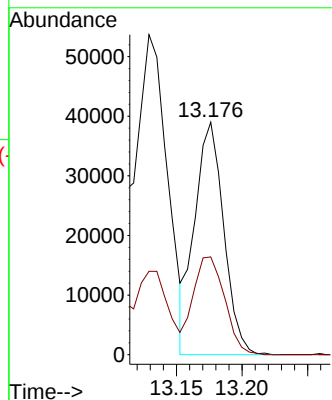
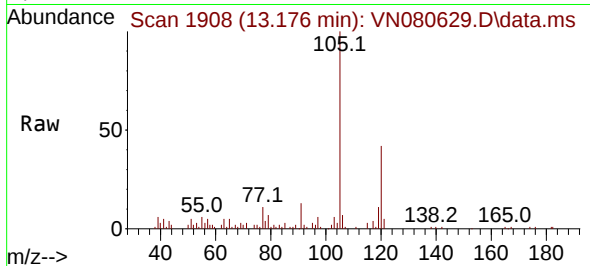
#80
1,3,5-Trimethylbenzene
Concen: 3.421 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
T-402

Tgt Ion:105 Resp: 60318
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3

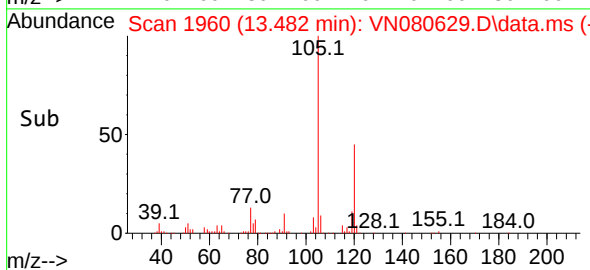
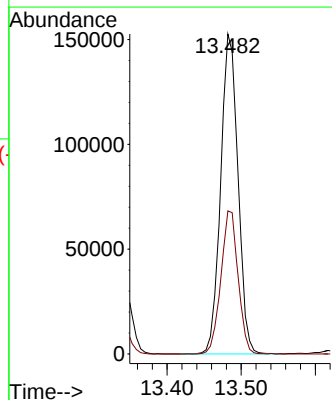
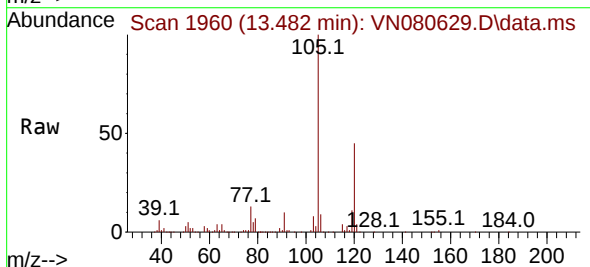
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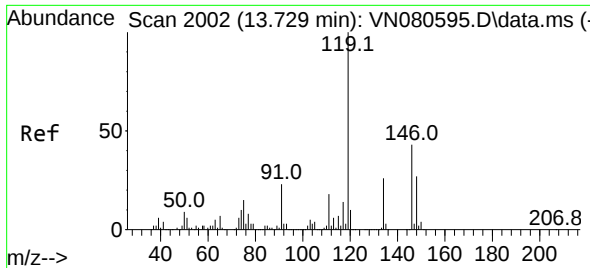
Reviewed By :John Carlone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#84
1,2,4-Trimethylbenzene
Concen: 13.870 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion:105 Resp: 247594
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





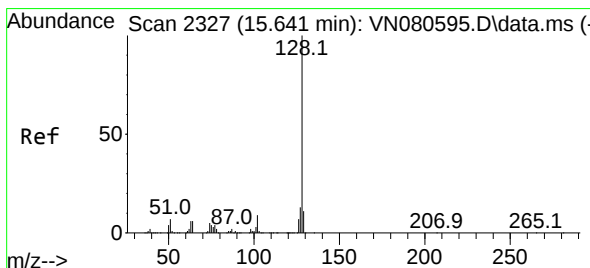
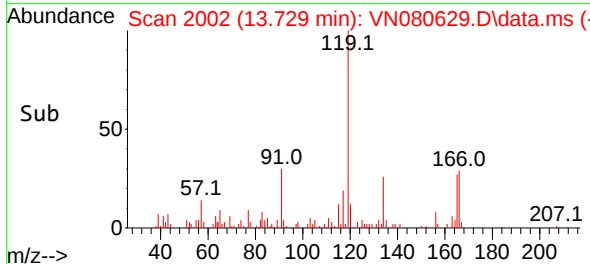
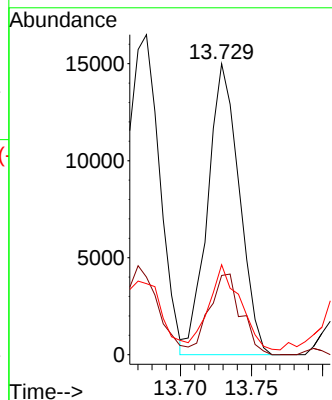
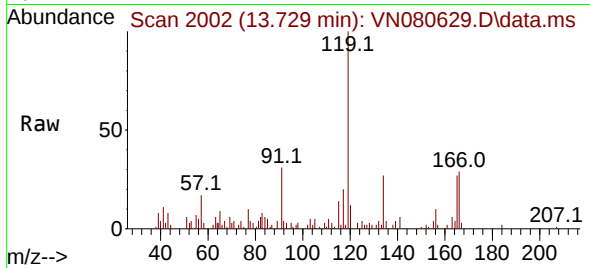
#86
p-Isopropyltoluene
Concen: 1.766 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Instrument :
MSVOA_N
ClientSampleId :
T-402

Tgt Ion:119 Resp: 2316
Ion Ratio Lower Upper
119 100
134 27.8 12.6 37.8
91 28.7 12.4 37.2

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Reviewed By :John Carbone 01/03/2024
Supervised By :Mahesh Dadoda 01/04/2024



#95
Naphthalene
Concen: 236.447 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080629.D
Acq: 02 Jan 2024 16:54

Tgt Ion:128 Resp: 3745057
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.0 8.7 13.1

