

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081501.D
 Acq On : 20 Mar 2024 18:10
 Operator : JC\MD
 Sample : P1799-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50298

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2024
 Supervised By : Mahesh Dadoda 03/21/2024

Quant Time: Mar 21 01:23:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	580376	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	940381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	825209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	369539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	347639	46.970	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.940%		
35) Dibromofluoromethane	8.171	113	279033	47.017	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.040%		
50) Toluene-d8	10.571	98	1120104	52.211	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.420%		
62) 4-Bromofluorobenzene	12.853	95	371946	49.203	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	98.400%		
Target Compounds					Qvalue	
16) Acetone	4.424	43	166726	69.703	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	1152378	53.759	ug/l #	79
22) Diisopropyl ether	6.671	45	407043	20.411	ug/l #	92
25) 2-Butanone	7.483	43	72288	17.620	ug/l	91
31) Cyclohexane	8.259	56	323263	26.840	ug/l #	72
37) Ethyl Acetate	7.559	43	1407639	164.592	ug/l #	94
39) Methylcyclohexane	9.600	83	80922	7.255	ug/l #	86
40) Benzene	8.594	78	25407567m	870.146	ug/l	
52) Toluene	10.624	92	21199814m	1142.304	ug/l	
67) Ethyl Benzene	11.965	91	2917919	86.108	ug/l	98
68) m/p-Xylenes	12.070	106	3362448	264.685	ug/l	97
69) o-Xylene	12.400	106	1425932	114.336	ug/l	97
73) Isopropylbenzene	12.700	105	77403	2.457	ug/l	97
78) n-propylbenzene	13.035	91	177475	4.771	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	234458	9.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	939222	35.918	ug/l	95
86) p-Isopropyltoluene	13.735	119	7126m	0.272	ug/l	
95) Naphthalene	15.641	128	190215	7.378	ug/l	97

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

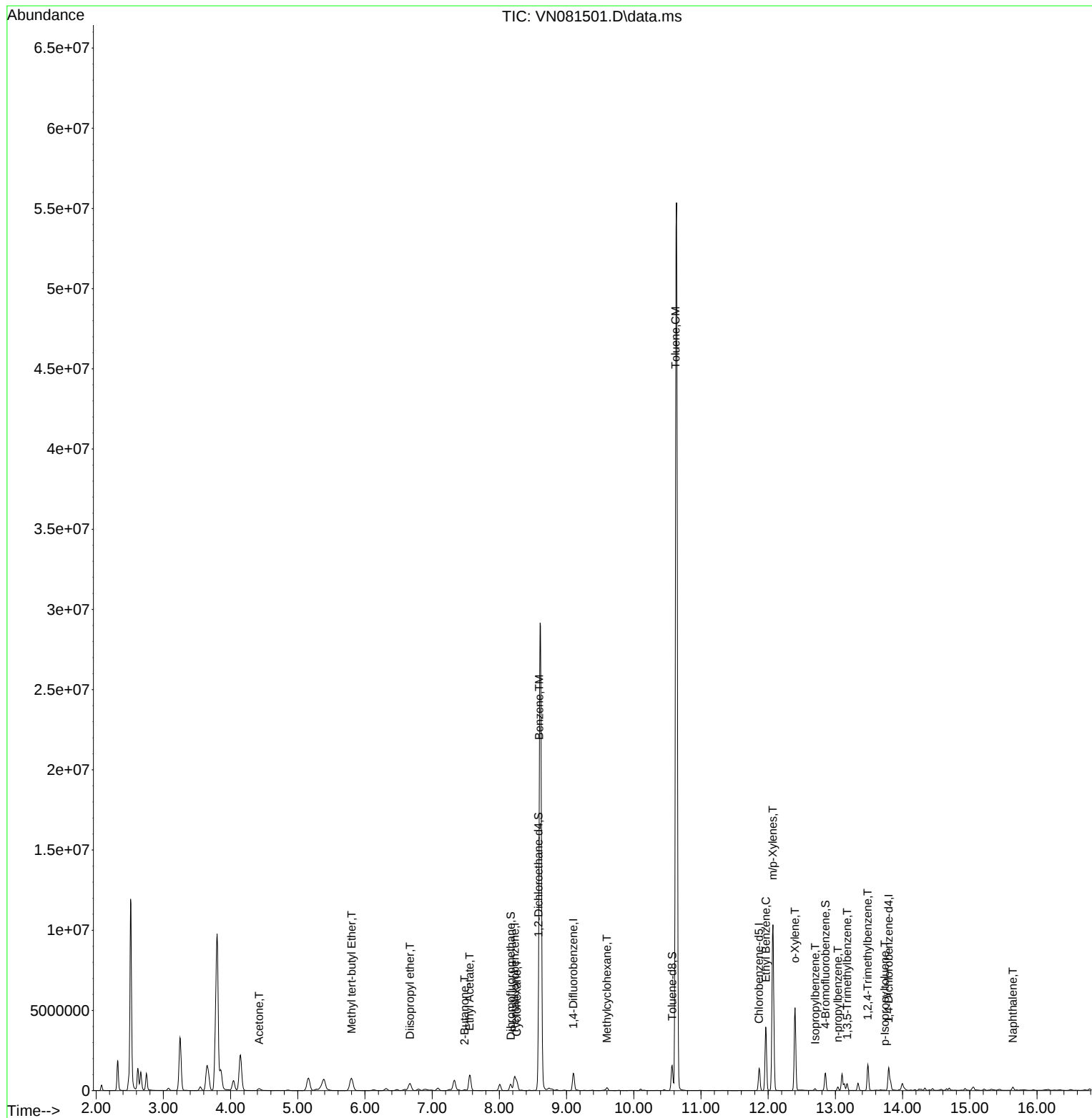
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
Data File : VN081501.D
Acq On : 20 Mar 2024 18:10
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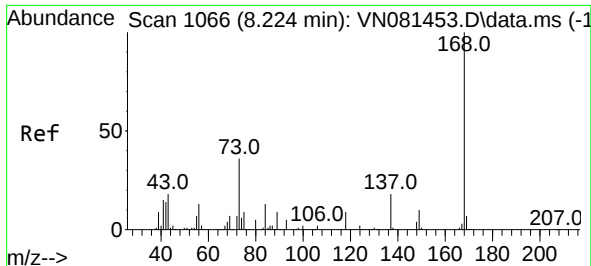
Instrument :
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ClientSampleId :
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Supervised By : Mahesh Dadoda 03/21/2024

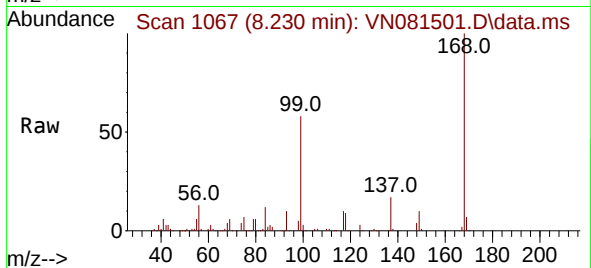
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

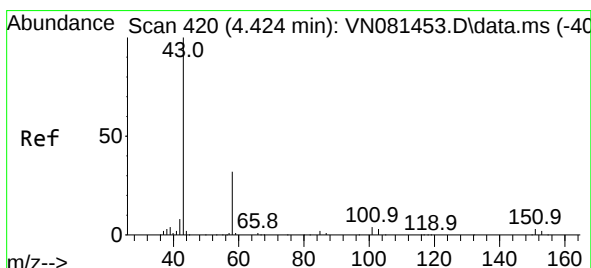
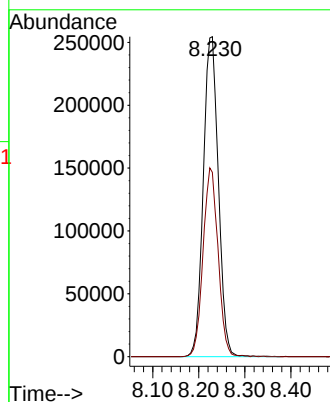
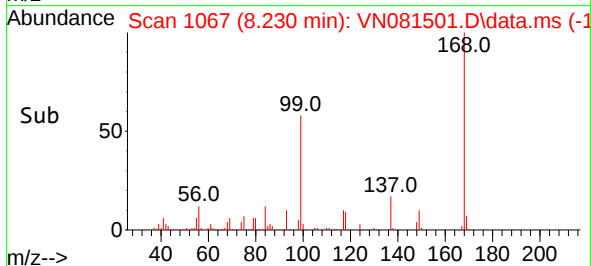
Instrument :
MSVOA_N
ClientSampleId :
50298



Tgt Ion:168 Resp: 580370
Ion Ratio Lower Upper
168 100
99 57.6 59.9 89.9

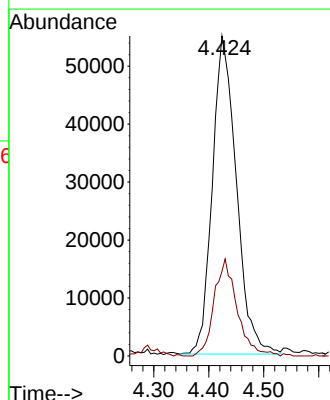
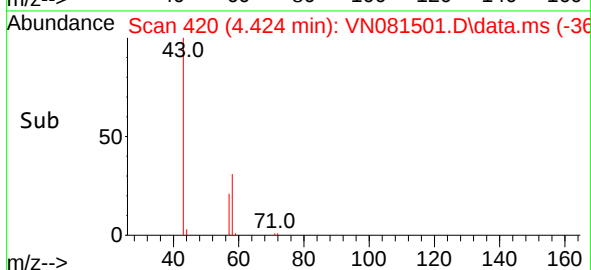
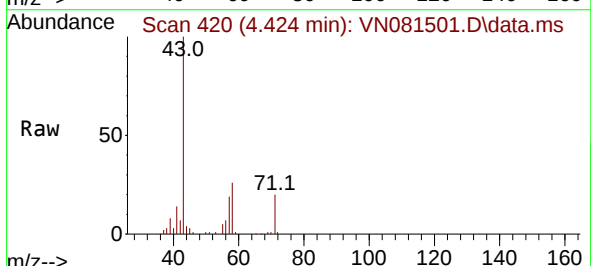
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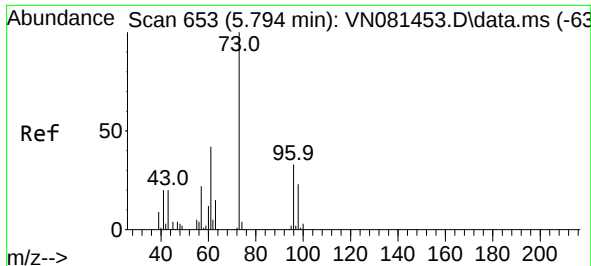
Reviewed By :John Carlone 03/21/2024
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#16
Acetone
Concen: 69.703 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

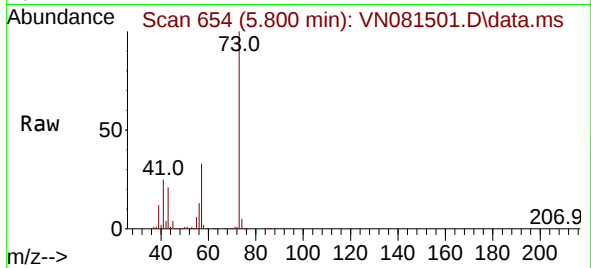
Tgt Ion: 43 Resp: 166726
Ion Ratio Lower Upper
43 100
58 26.6 24.8 37.2





#19
Methyl tert-butyl Ether
Concen: 53.759 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

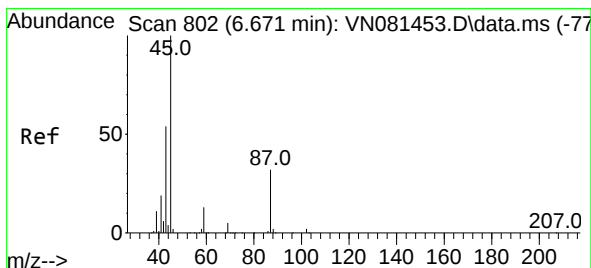
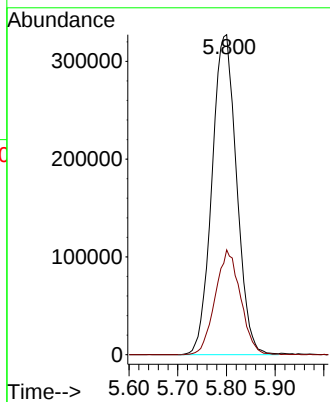
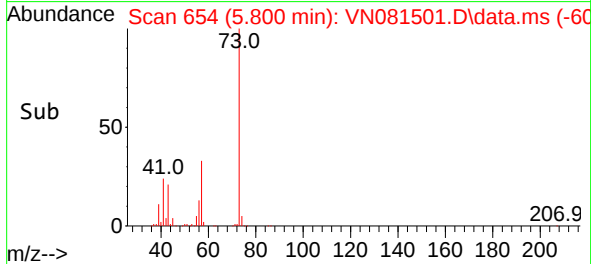
Instrument :
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Tgt Ion: 73 Resp: 1152378
Ion Ratio Lower Upper
73 100
57 32.7 18.2 27.4

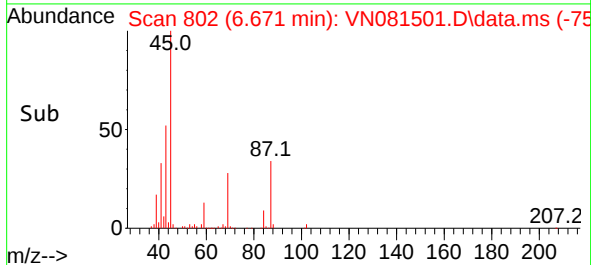
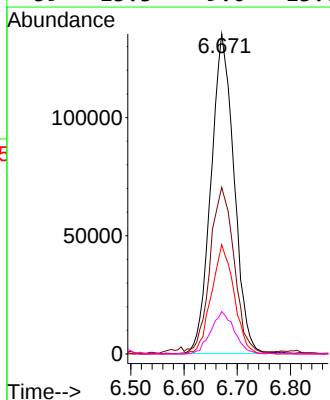
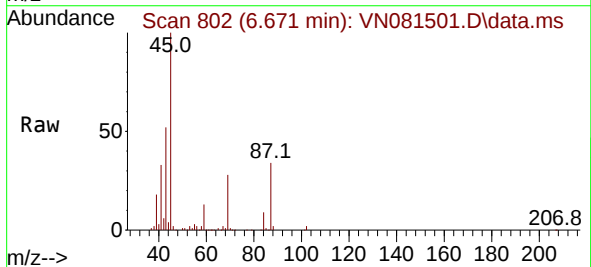
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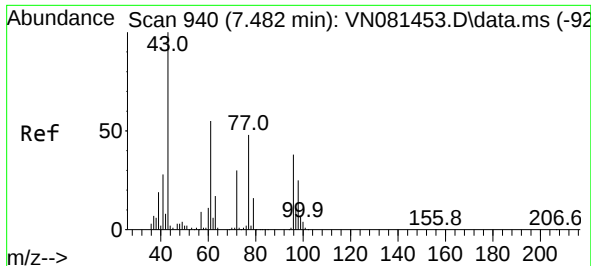
Reviewed By :John Carlone 03/21/2024
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#22
Diisopropyl ether
Concen: 20.411 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

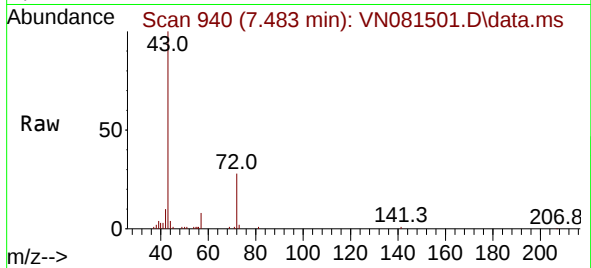
Tgt Ion: 45 Resp: 407043
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 34.2 18.1 27.1
59 13.3 9.0 13.6





#25
2-Butanone
Concen: 17.620 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

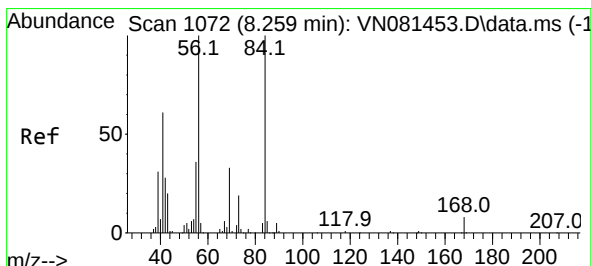
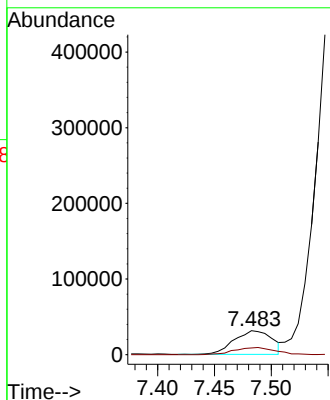
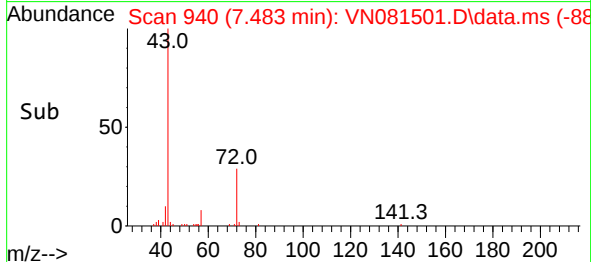
Instrument :
MSVOA_N
ClientSampleId :
50298



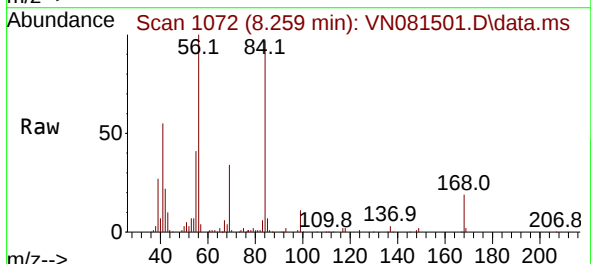
Tgt Ion: 43 Resp: 72288
Ion Ratio Lower Upper
43 100
72 29.0 19.5 29.3

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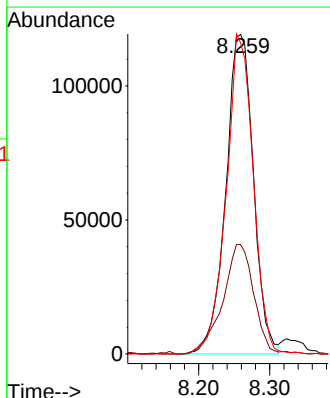
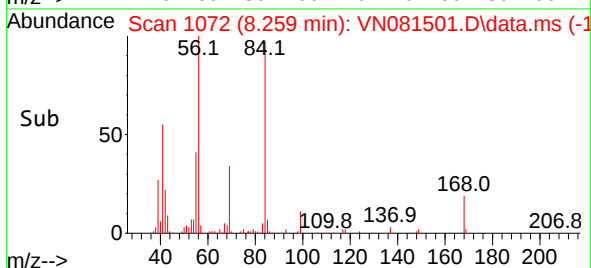
Reviewed By :John Carlone 03/21/2024
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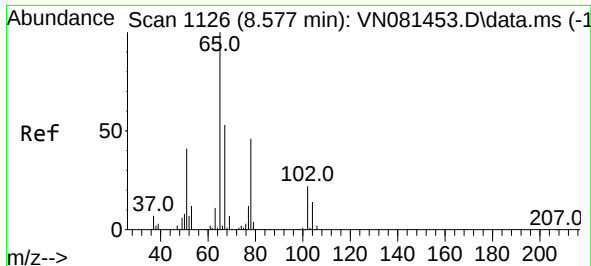


#31
Cyclohexane
Concen: 26.840 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10



Tgt Ion: 56 Resp: 323263
Ion Ratio Lower Upper
56 100
69 34.3 20.1 30.1#
84 97.4 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 46.970 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081501.D

Acq: 20 Mar 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :

50298

Tgt Ion: 65 Resp: 347639

Ion Ratio Lower Upper

65 100

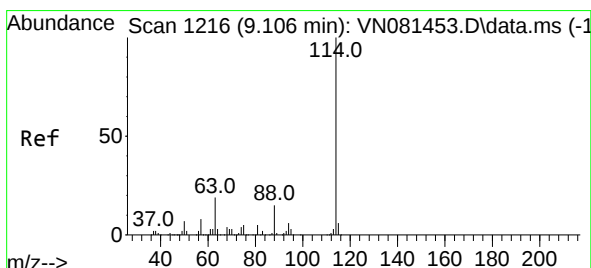
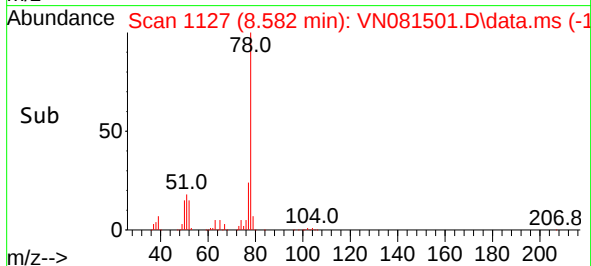
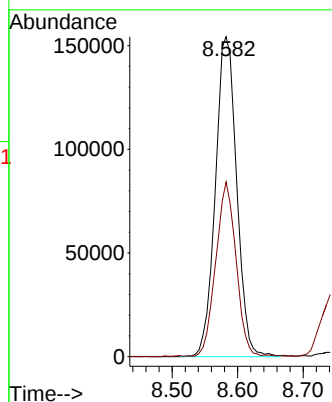
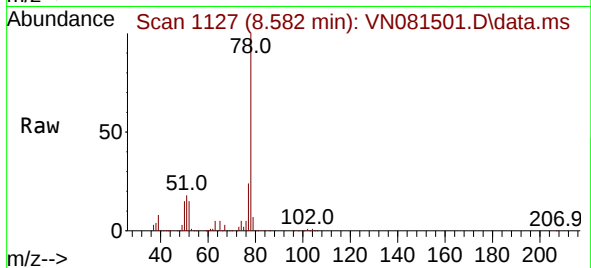
67 51.7 0.0 102.4

Manual Integrations

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Supervised By :Mahesh Dadoda 03/21/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081501.D

Acq: 20 Mar 2024 18:10

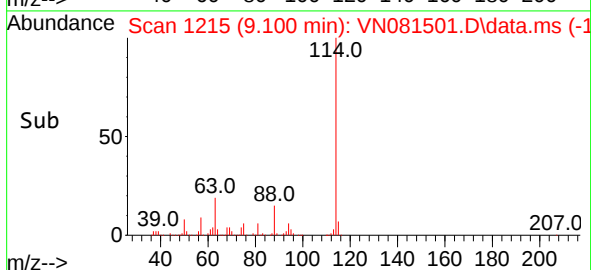
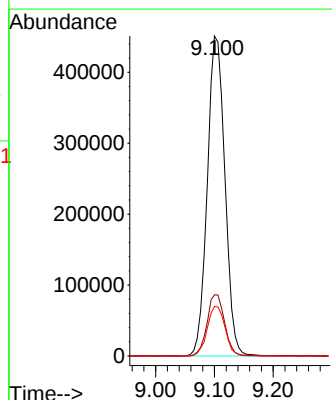
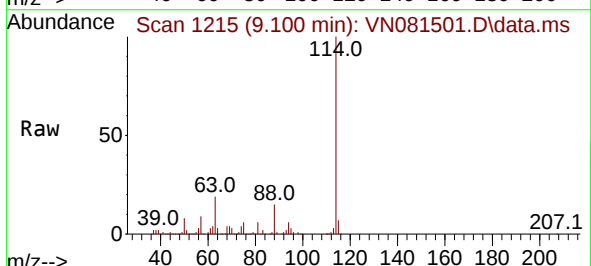
Tgt Ion:114 Resp: 940381

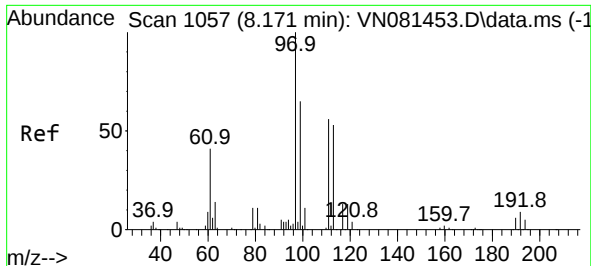
Ion Ratio Lower Upper

114 100

63 19.1 0.0 48.0

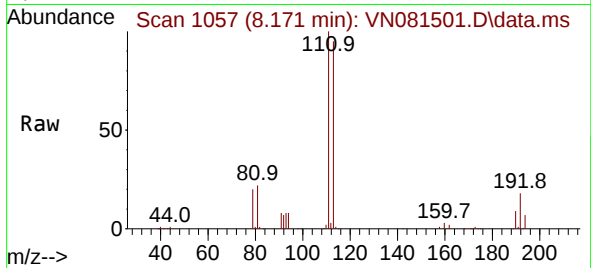
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 47.017 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

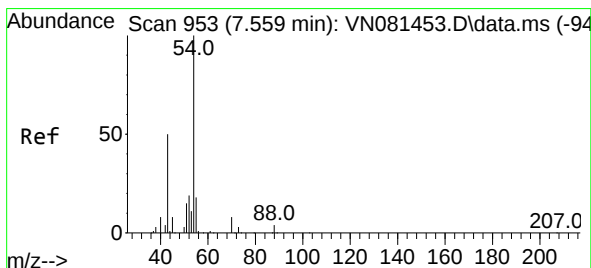
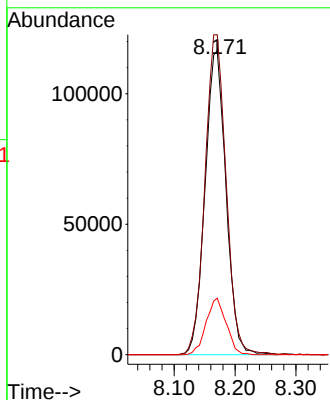
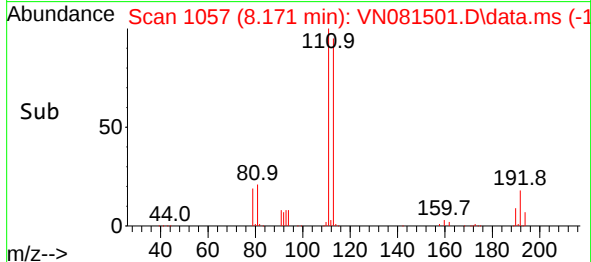
Instrument :
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Tgt Ion: 113 Resp: 27903
Ion Ratio Lower Upper
113 100
111 106.2 82.2 123.4
192 17.7 12.5 18.7

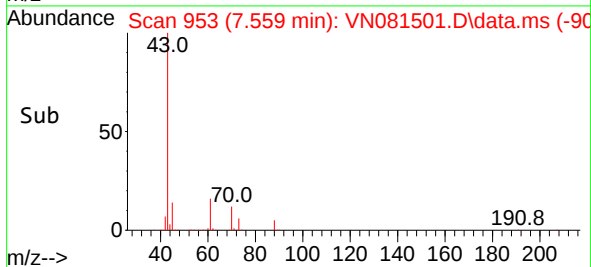
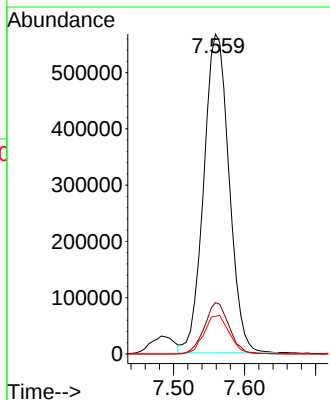
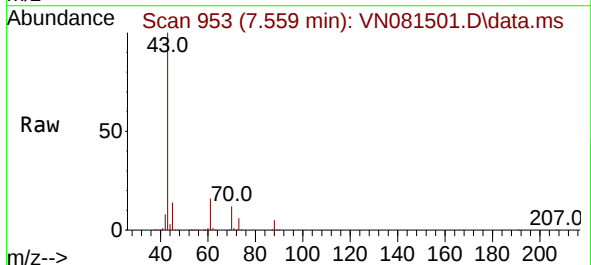
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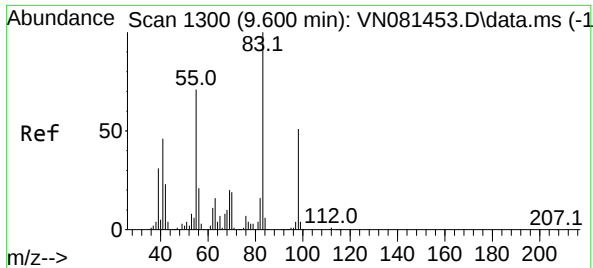
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#37
Ethyl Acetate
Concen: 164.592 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

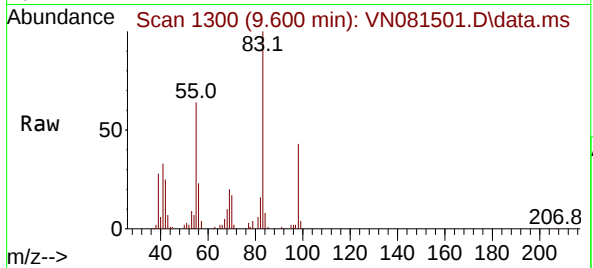
Tgt Ion: 43 Resp: 1407639
Ion Ratio Lower Upper
43 100
61 15.7 10.6 15.8
70 12.1 8.0 12.0#





#39
Methylcyclohexane
Concen: 7.255 ug/l
RT: 9.600 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

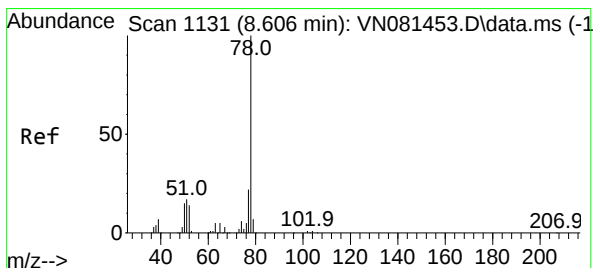
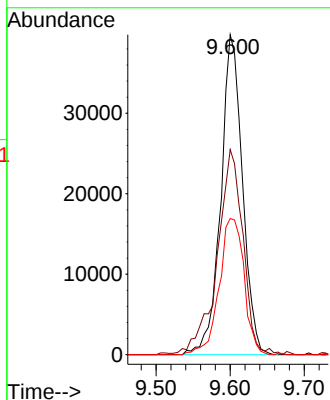
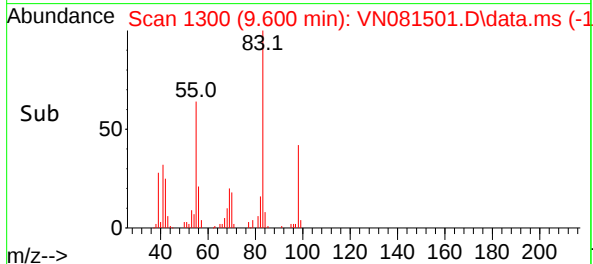
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Tgt Ion: 83 Resp: 8092
Ion Ratio Lower Upper
83 100
55 63.4 65.7 98.5
98 42.6 33.8 50.6

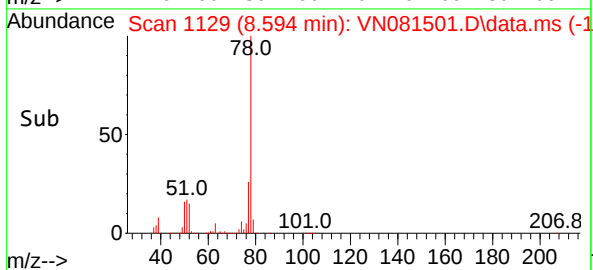
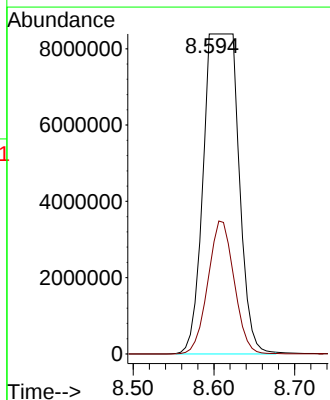
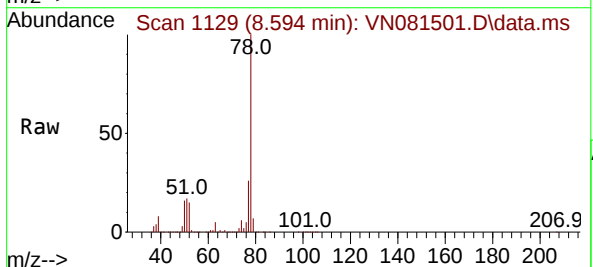
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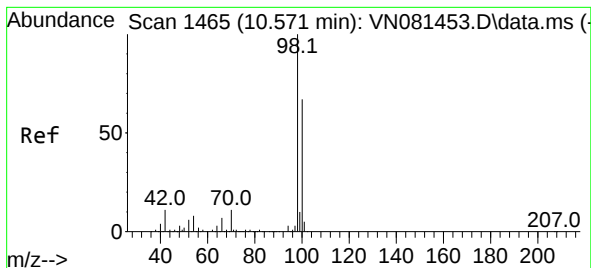
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#40
Benzene
Concen: 870.146 ug/l m
RT: 8.594 min Scan# 1129
Delta R.T. -0.012 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

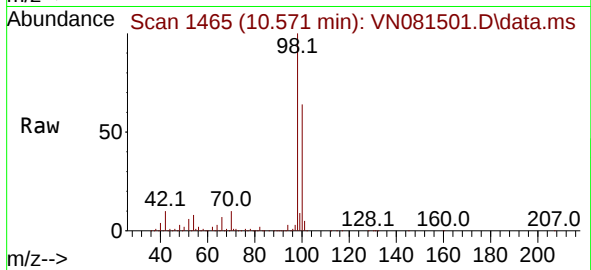
Tgt Ion: 78 Resp:25407567
Ion Ratio Lower Upper
78 100
77 25.5 20.4 30.6





#50
Toluene-d8
Concen: 52.211 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

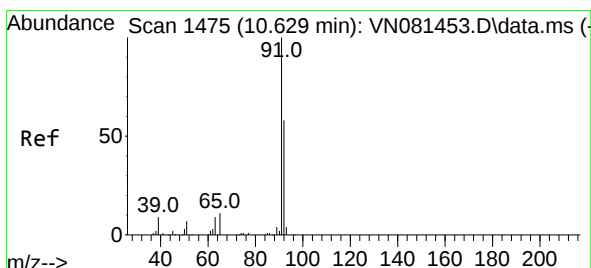
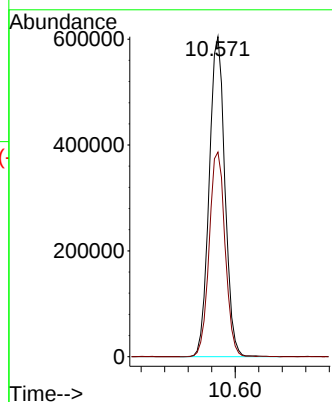
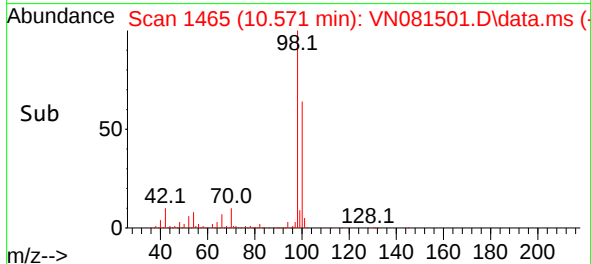
Instrument :
MSVOA_N
ClientSampleId :
50298



Tgt Ion: 98 Resp: 1120104
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

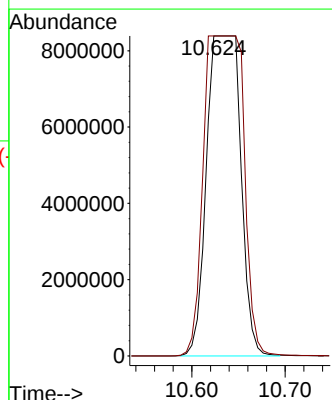
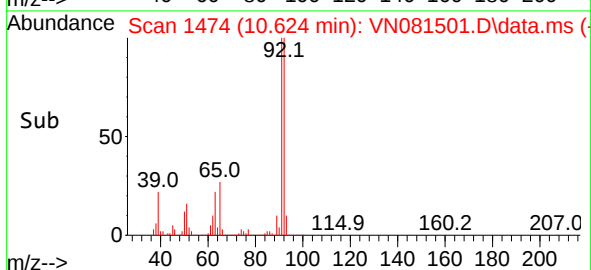
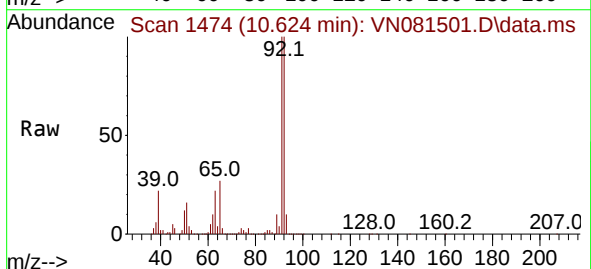
Manual Integrations
APPROVED

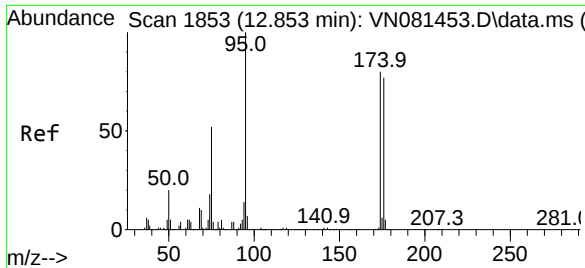
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#52
Toluene
Concen: 1142.304 ug/l m
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

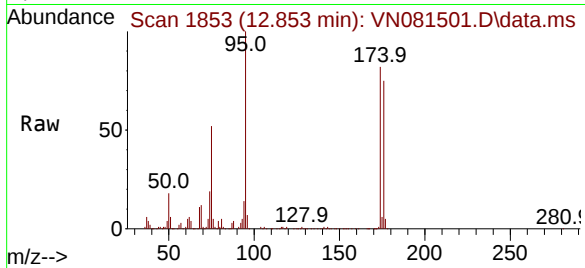
Tgt Ion: 92 Resp:21199814
Ion Ratio Lower Upper
92 100
91 0.0 139.4 209.0#





#62
4-Bromofluorobenzene
Concen: 49.203 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

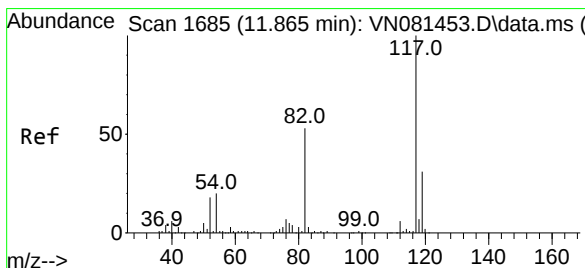
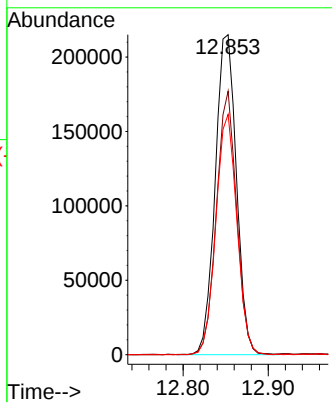
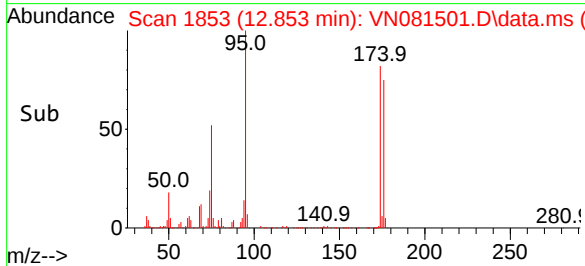
Instrument :
MSVOA_N
ClientSampleId :
50298



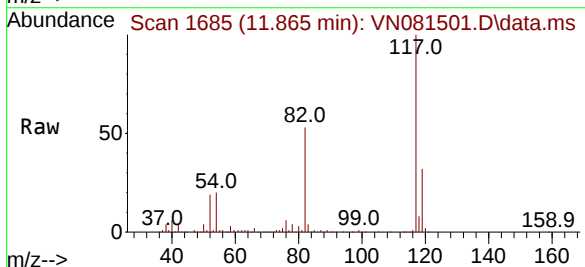
Tgt Ion: 95 Resp: 371940
Ion Ratio Lower Upper
95 100
174 78.5 0.0 120.4
176 74.1 0.0 121.0

Manual Integrations
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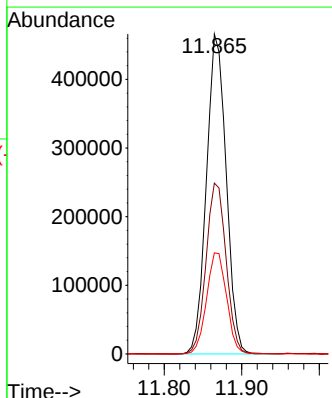
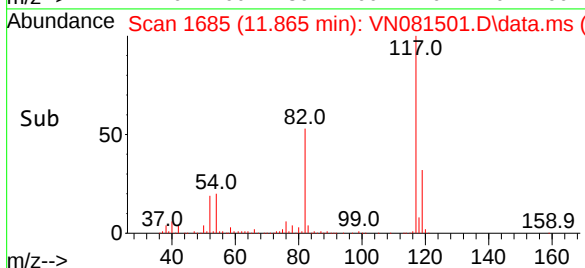
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

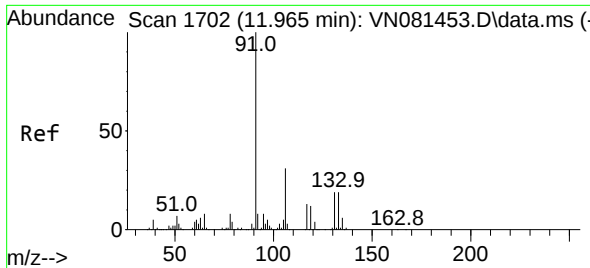


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10



Tgt Ion:117 Resp: 825209
Ion Ratio Lower Upper
117 100
82 53.4 52.7 79.1
119 31.6 25.3 37.9





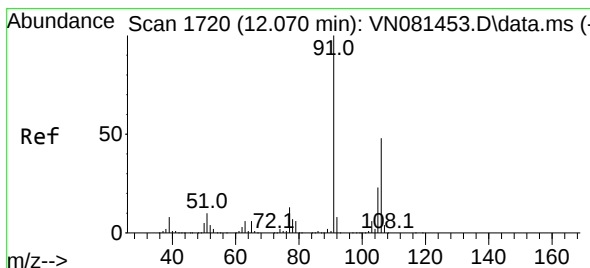
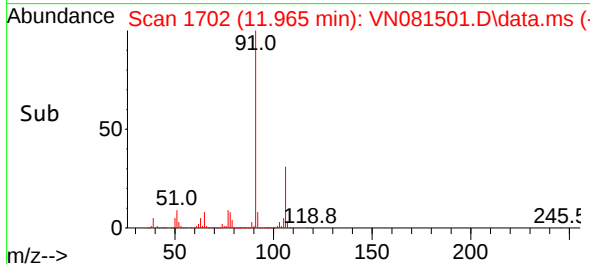
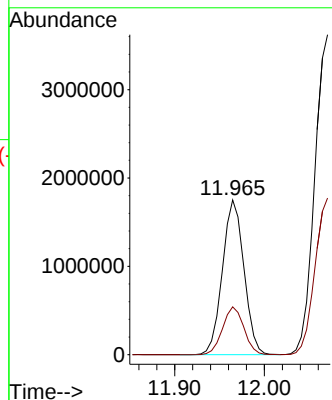
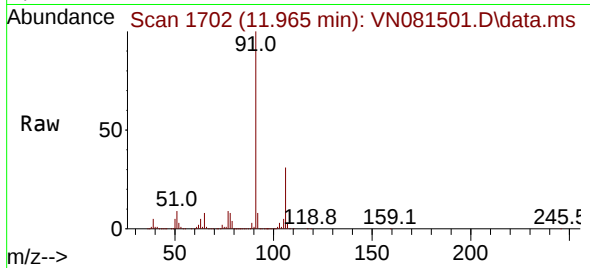
#67
Ethyl Benzene
Concen: 86.108 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :
50298

Tgt Ion: 91 Resp: 2917919
Ion Ratio Lower Upper
91 100
106 31.0 23.8 35.6

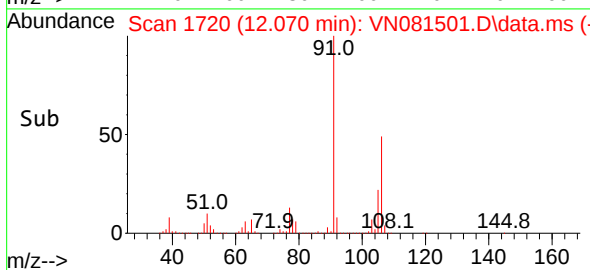
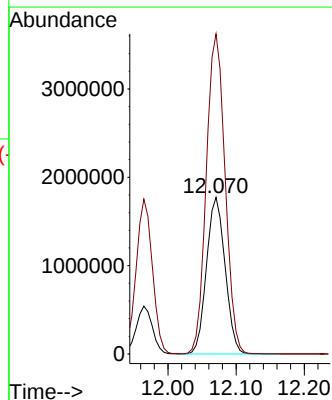
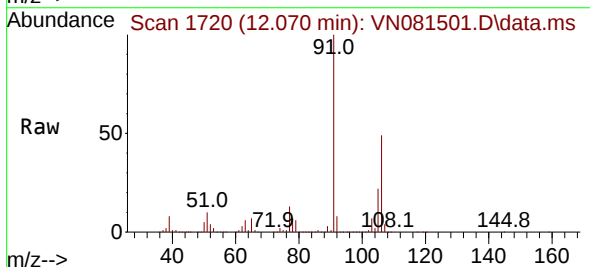
Manual Integrations
APPROVED

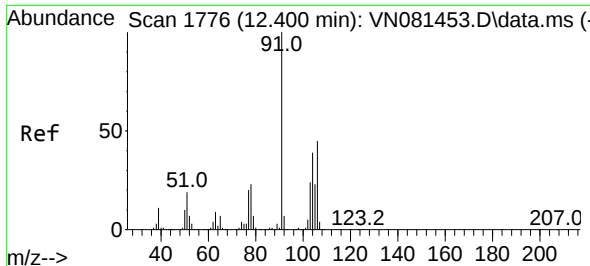
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#68
m/p-Xylenes
Concen: 264.685 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

Tgt Ion:106 Resp: 3362448
Ion Ratio Lower Upper
106 100
91 206.4 169.0 253.6





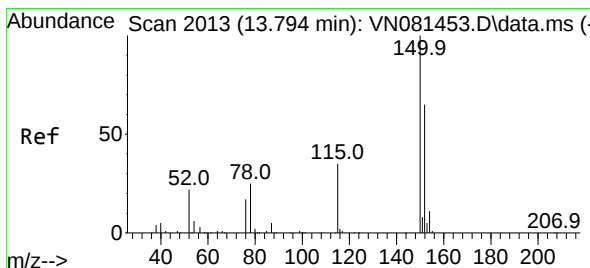
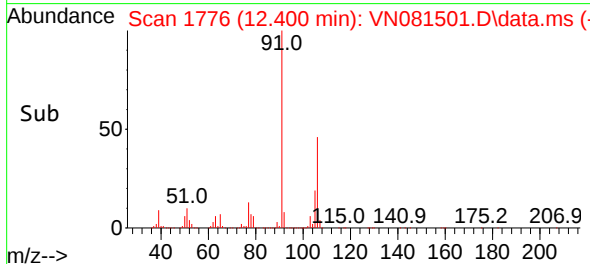
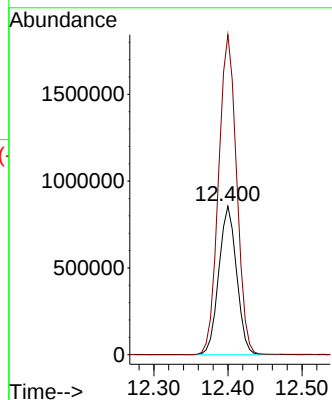
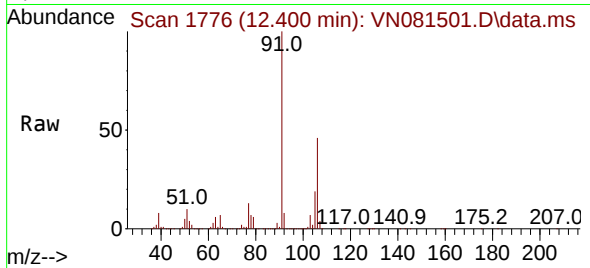
#69
o-Xylene
Concen: 114.336 ug/l
RT: 12.400 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :
50298

Tgt Ion:106 Resp: 142593
Ion Ratio Lower Upper
106 100
91 219.0 112.1 336.3

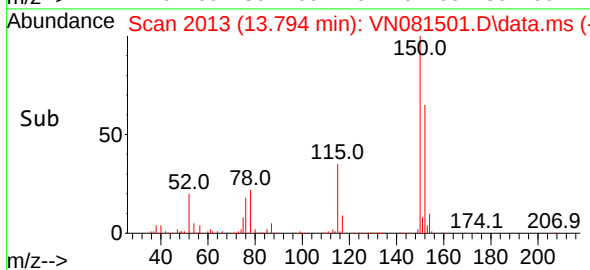
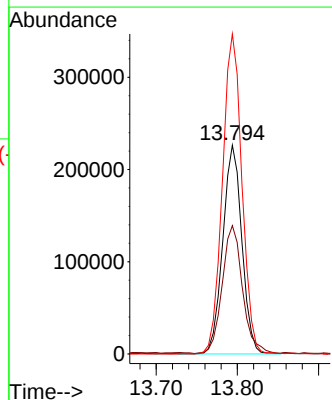
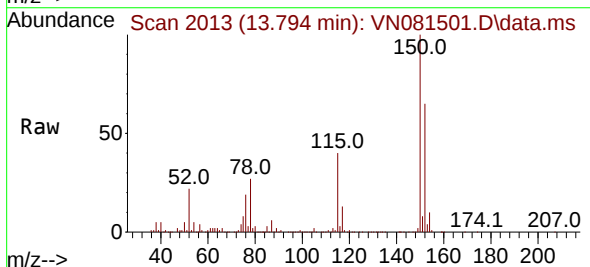
Manual Integrations
APPROVED

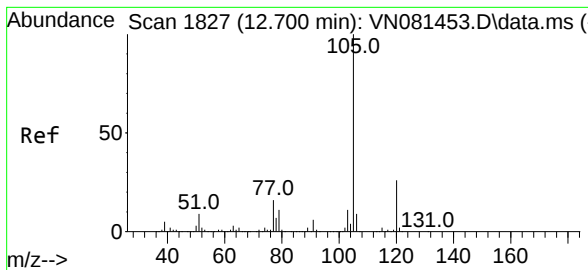
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

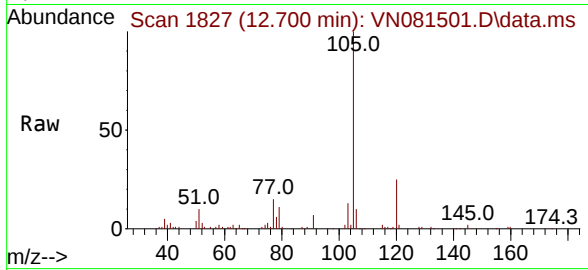
Tgt Ion:152 Resp: 369539
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 156.2 0.0 339.8





#73
Isopropylbenzene
Concen: 2.457 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

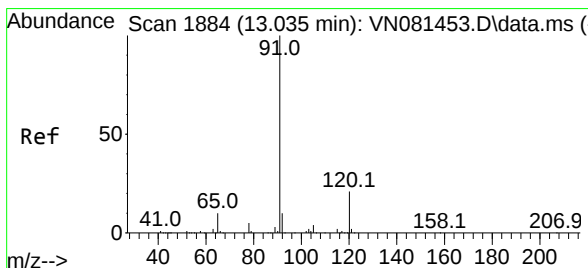
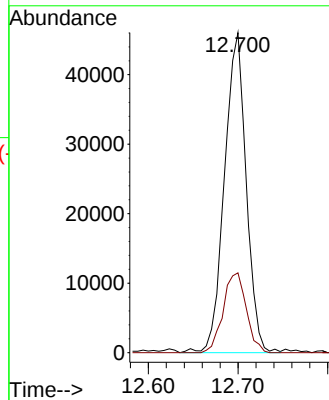
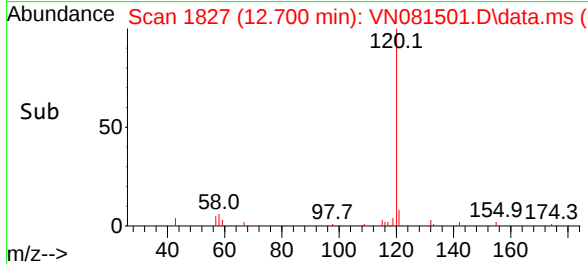
Instrument :
MSVOA_N
ClientSampleId :
50298



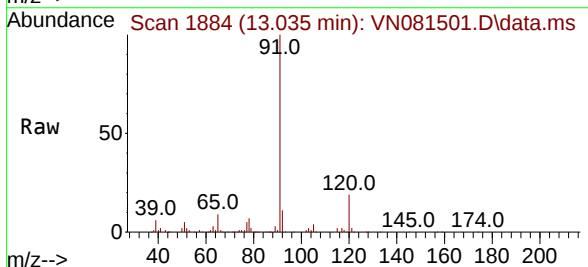
Tgt Ion:105 Resp: 77400
Ion Ratio Lower Upper
105 100
120 26.5 12.6 37.6

Manual Integrations
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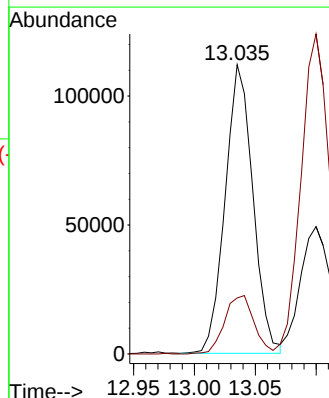
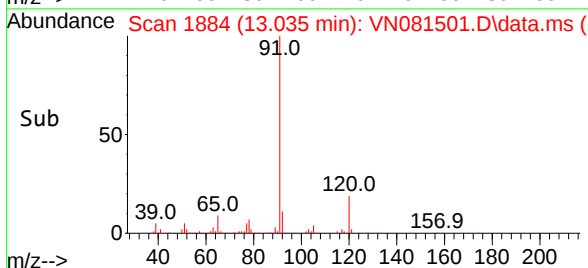
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

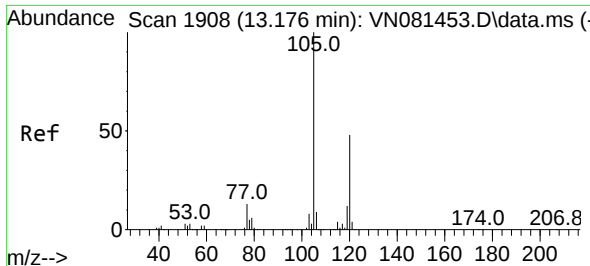


#78
n-propylbenzene
Concen: 4.771 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10



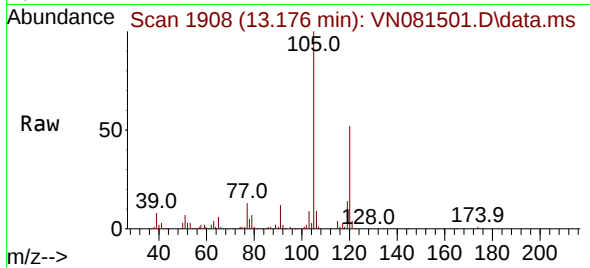
Tgt Ion: 91 Resp: 177475
Ion Ratio Lower Upper
91 100
120 21.5 10.3 30.9





#80
1,3,5-Trimethylbenzene
Concen: 9.012 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

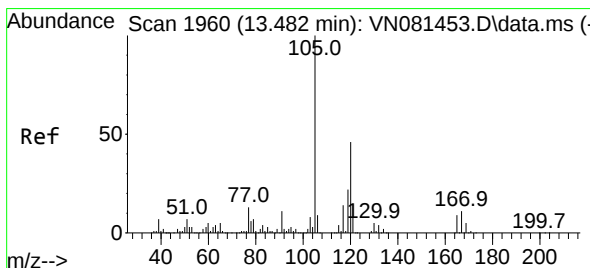
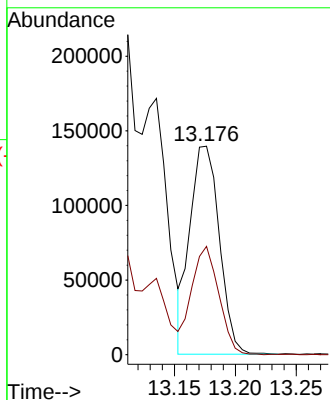
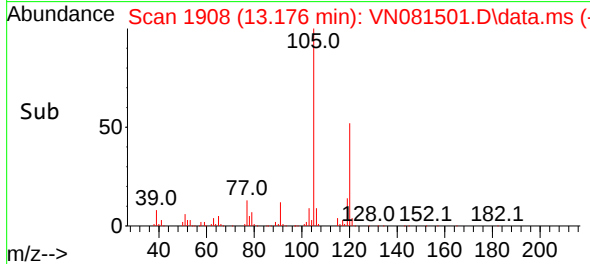
Instrument :
MSVOA_N
ClientSampleId :
50298



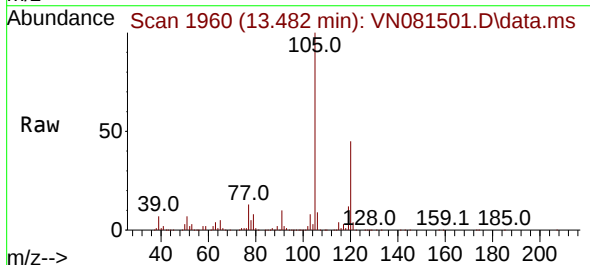
Tgt Ion:105 Resp: 234458
Ion Ratio Lower Upper
105 100
120 48.4 23.0 69.0

Manual Integrations
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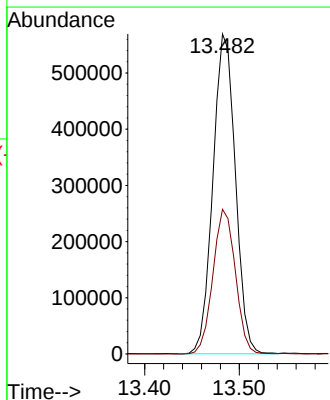
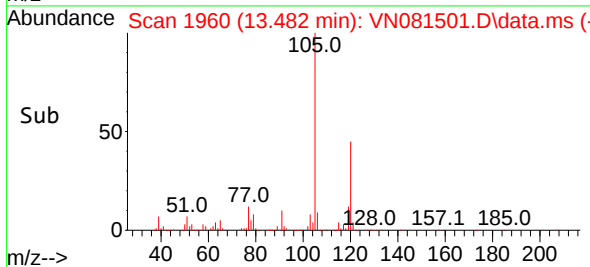
Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024

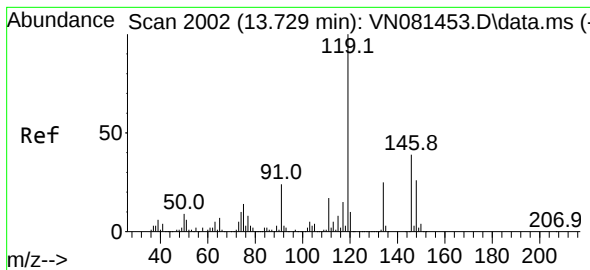


#84
1,2,4-Trimethylbenzene
Concen: 35.918 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10



Tgt Ion:105 Resp: 939222
Ion Ratio Lower Upper
105 100
120 45.2 20.9 62.7





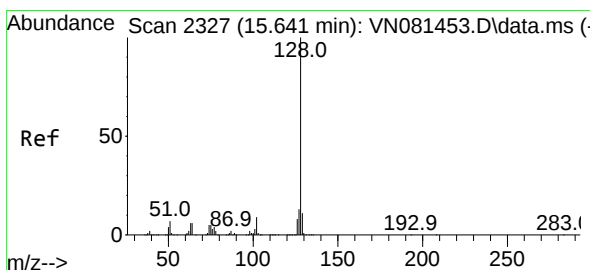
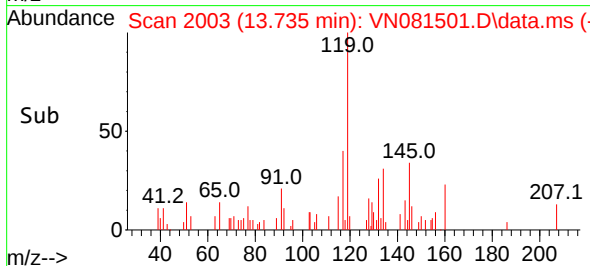
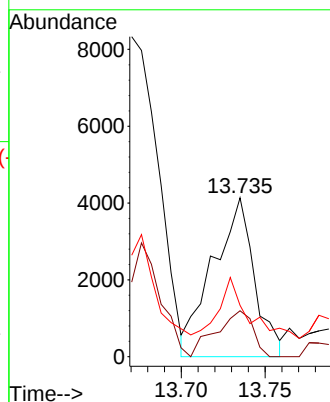
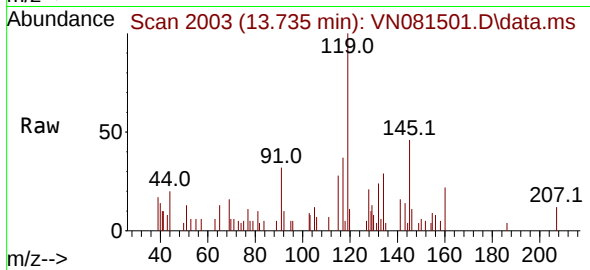
#86
p-Isopropyltoluene
Concen: 0.272 ug/l m
RT: 13.735 min Scan# 2002
Delta R.T. 0.006 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

Instrument :
MSVOA_N
ClientSampleId :
50298

Tgt Ion:119 Resp: 7120
Ion Ratio Lower Upper
119 100
134 61.4 12.4 37.2
91 53.7 13.5 40.4

Manual Integrations
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Reviewed By :John Carlone 03/21/2024
Supervised By :Mahesh Dadoda 03/21/2024



#95
Naphthalene
Concen: 7.378 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081501.D
Acq: 20 Mar 2024 18:10

Tgt Ion:128 Resp: 190215
Ion Ratio Lower Upper
128 100
127 14.1 10.0 15.0
129 11.7 8.7 13.1

