

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080840.D
 Acq On : 31 Jan 2024 15:08
 Operator : JC\MD
 Sample : P1279-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1255

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024

Quant Time: Jan 31 23:17:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	85853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	200247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	83790	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	70845	47.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	8.171	113	55775	45.526	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.060%		
50) Toluene-d8	10.565	98	228467	47.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.847	95	89283	53.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.860%		
Target Compounds						
16) Acetone	4.418	43	6346m	11.781	ug/l	
25) 2-Butanone	7.483	43	6218	6.077	ug/l #	72
52) Toluene	10.630	92	27789	7.242	ug/l	98
67) Ethyl Benzene	11.971	91	3147	0.367	ug/l #	71
68) m/p-Xylenes	12.071	106	13427	4.413	ug/l	95
69) o-Xylene	12.400	106	14640	4.843	ug/l	93
73) Isopropylbenzene	12.694	105	1835	0.239	ug/l	85
78) n-propylbenzene	13.035	91	4472	0.488	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	16686	2.731	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	34279	5.537	ug/l	99
85) sec-Butylbenzene	13.612	105	2694	0.374	ug/l	85
86) p-Isopropyltoluene	13.723	119	2834m	0.507	ug/l	
89) n-Butylbenzene	14.053	91	3082	0.563	ug/l #	76
95) Naphthalene	15.641	128	51543	9.746	ug/l	97

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

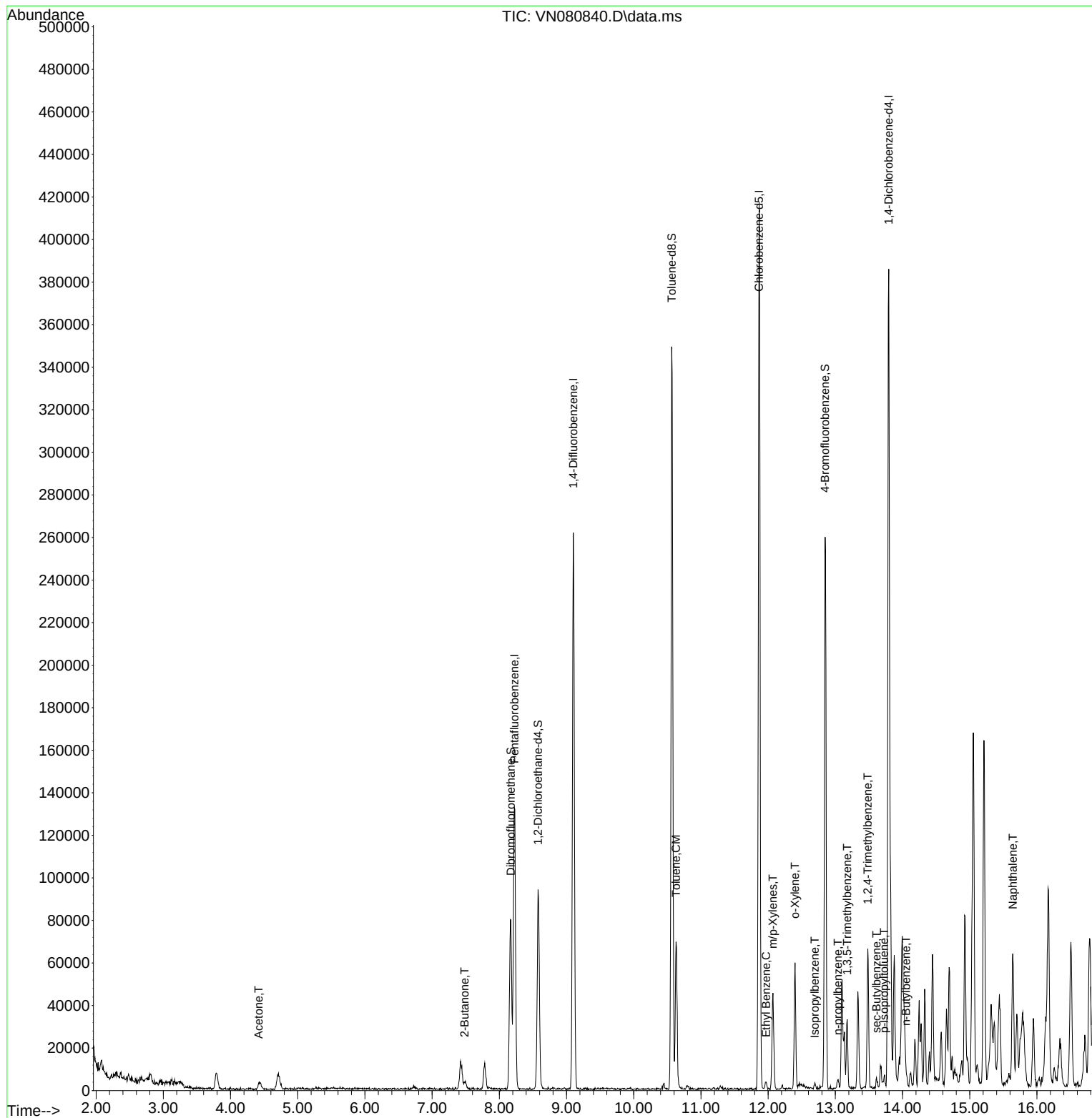
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080840.D
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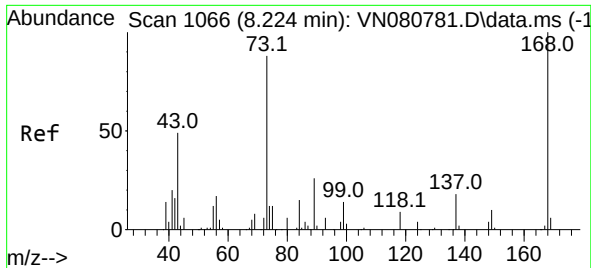
Instrument :
MSVOA_N
ClientSampleId :
1255

Manual Integrations
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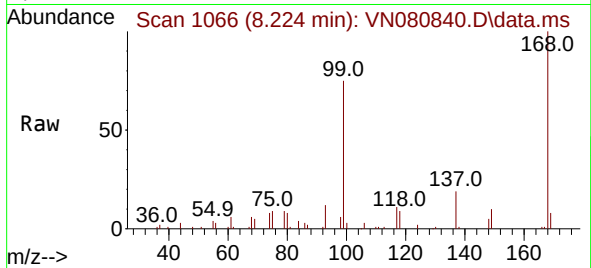
Quant Time: Jan 31 23:17:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

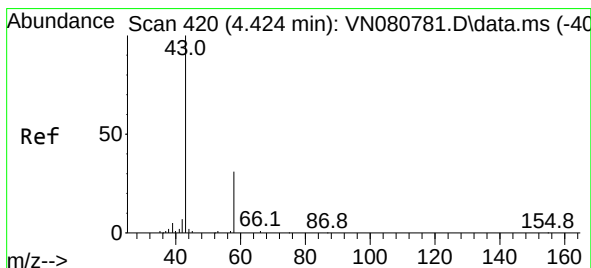
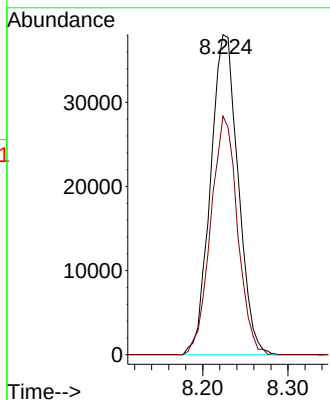
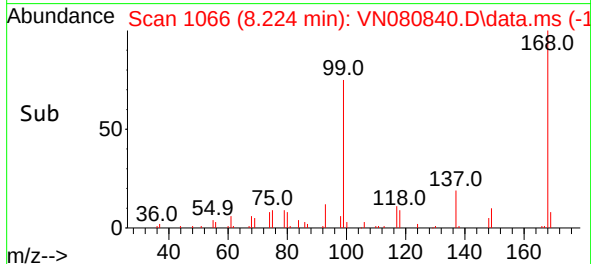
Instrument :
MSVOA_N
ClientSampleId :
1255



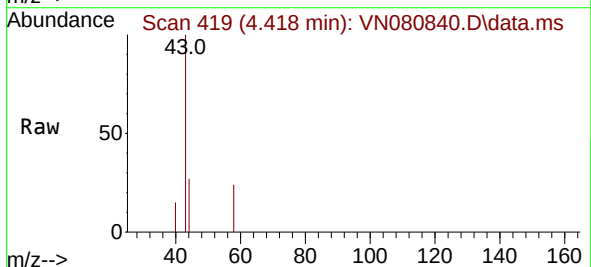
Tgt Ion:168 Resp: 8585
Ion Ratio Lower Upper
168 100
99 74.5 59.9 89.9

Manual Integrations
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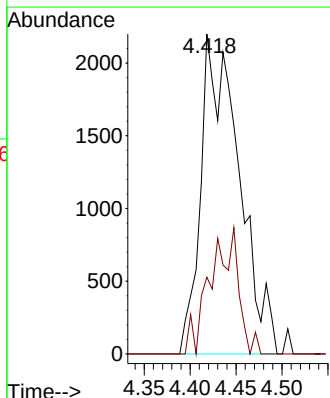
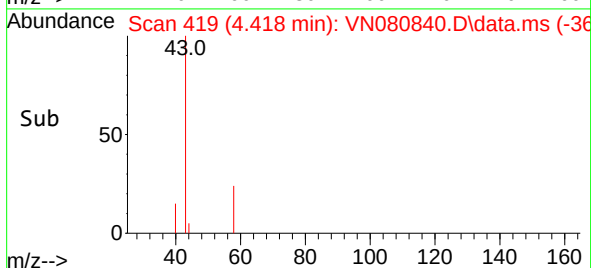
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

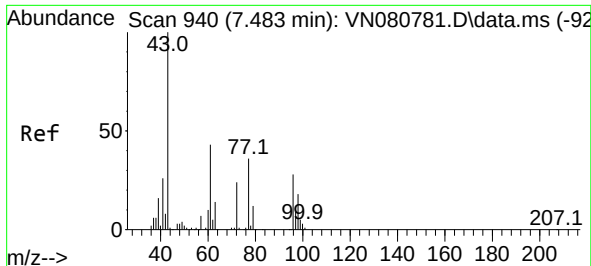


#16
Acetone
Concen: 11.781 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08



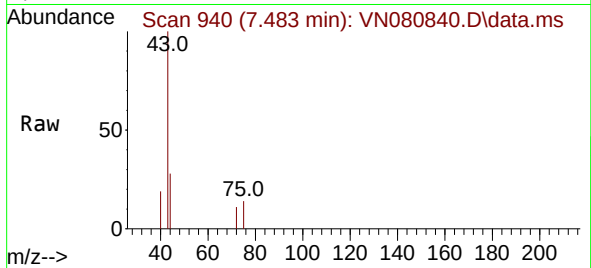
Tgt Ion: 43 Resp: 6346
Ion Ratio Lower Upper
43 100
58 24.0 24.8 37.2#





#25
2-Butanone
Concen: 6.077 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

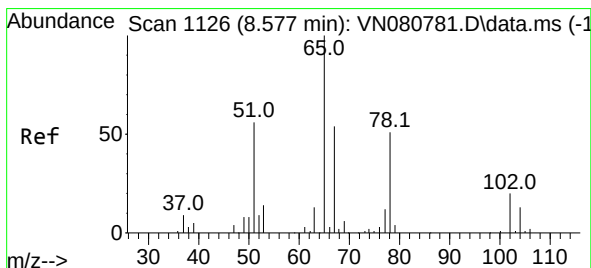
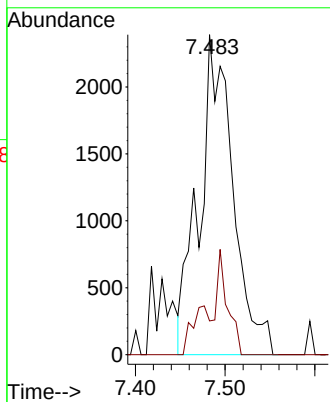
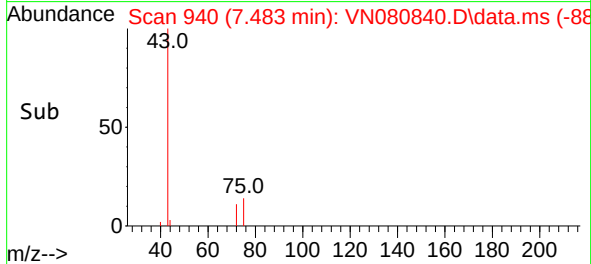
Instrument :
MSVOA_N
ClientSampleId :
1255



Tgt Ion: 43 Resp: 6218
Ion Ratio Lower Upper
43 100
72 10.5 19.5 29.3

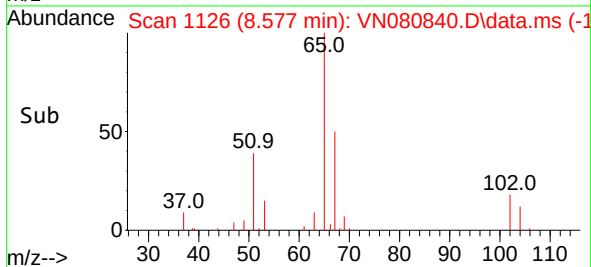
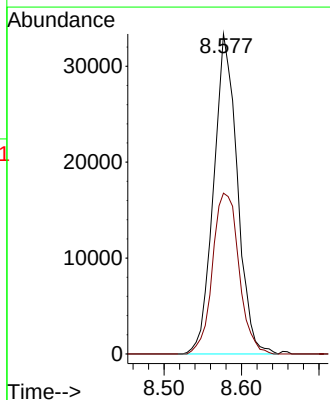
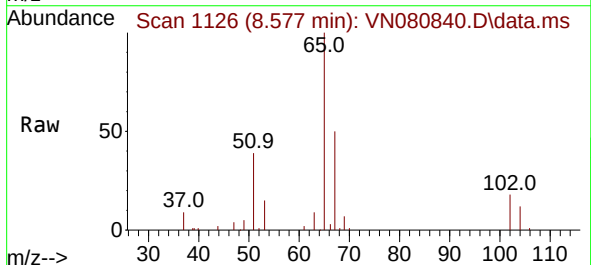
Manual Integrations
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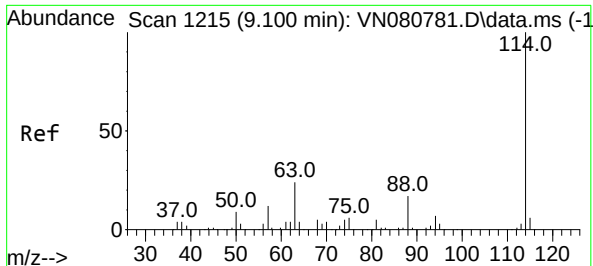
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#33
1,2-Dichloroethane-d4
Concen: 47.699 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Tgt Ion: 65 Resp: 70845
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080840.D

Acq: 31 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

1255

Tgt Ion:114 Resp: 20024

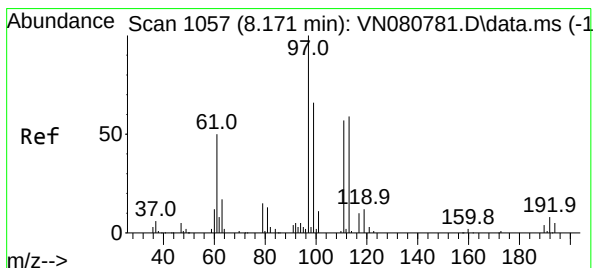
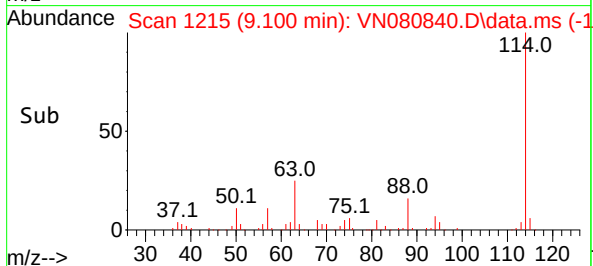
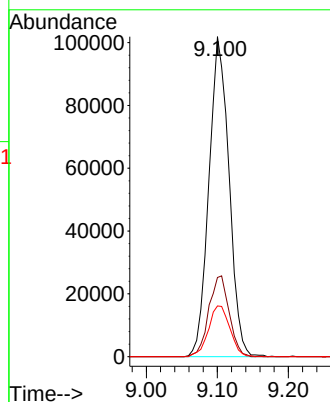
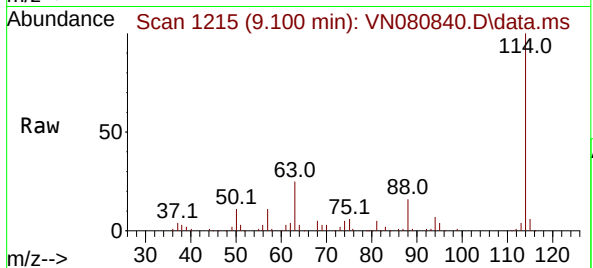
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	48.0
88	15.9	0.0	34.8

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#35

Dibromofluoromethane

Concen: 45.526 ug/l

RT: 8.171 min Scan# 1057

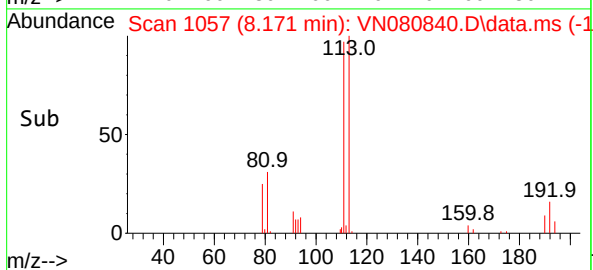
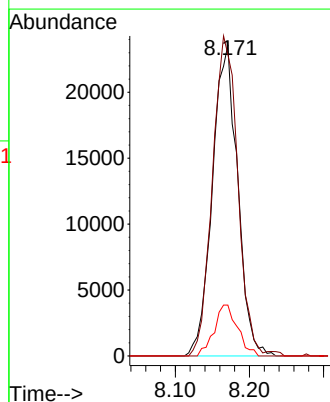
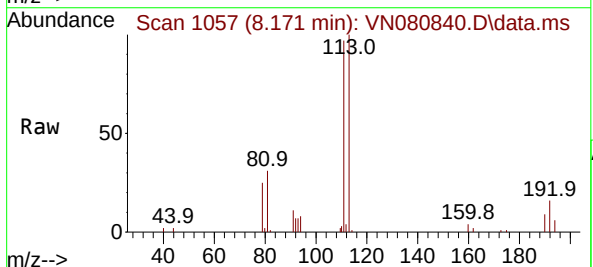
Delta R.T. 0.000 min

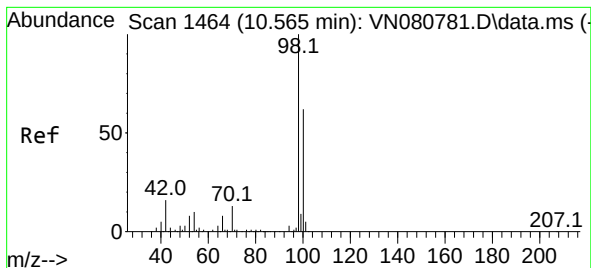
Lab File: VN080840.D

Acq: 31 Jan 2024 15:08

Tgt Ion:113 Resp: 55775

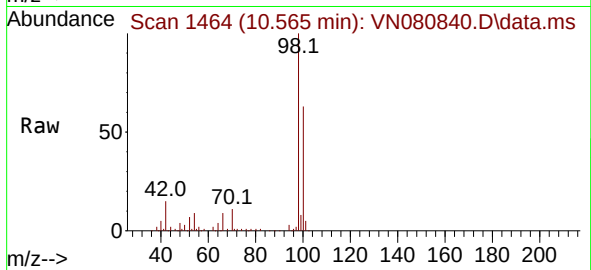
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	15.2	12.5	18.7





#50
Toluene-d8
Concen: 47.647 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

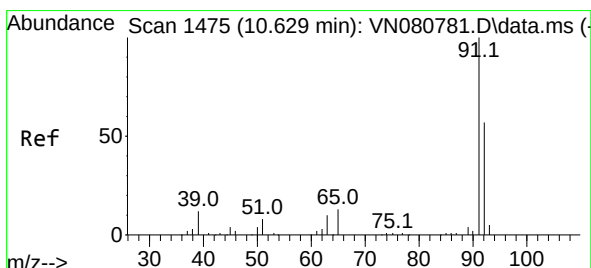
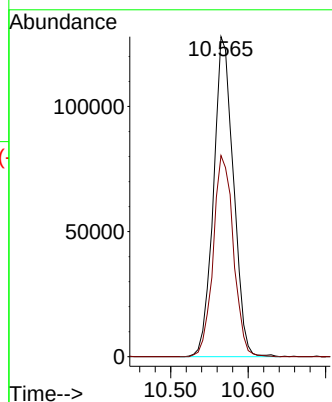
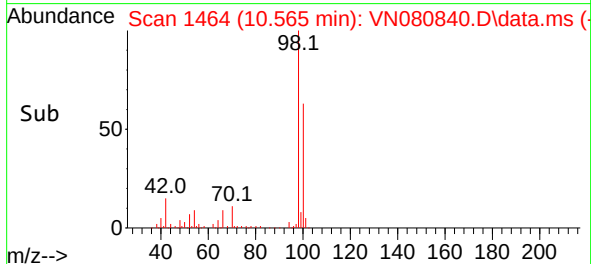
Instrument :
MSVOA_N
ClientSampleId :
1255



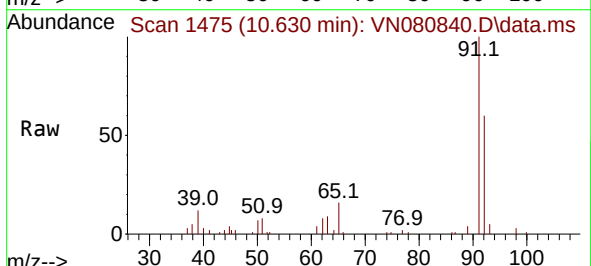
Tgt Ion: 98 Resp: 22846
Ion Ratio Lower Upper
98 100
100 63.6 51.4 77.0

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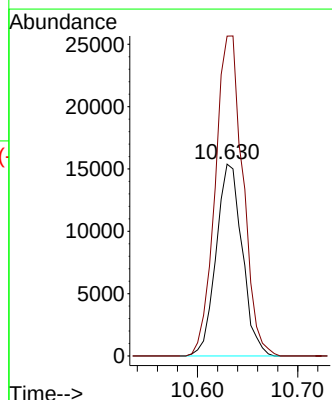
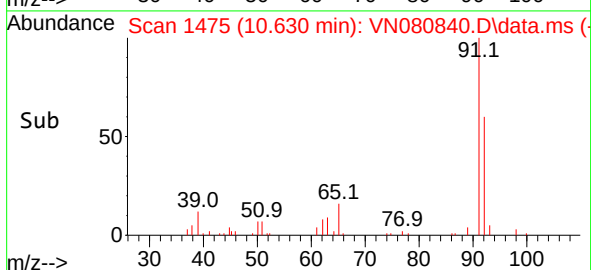
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

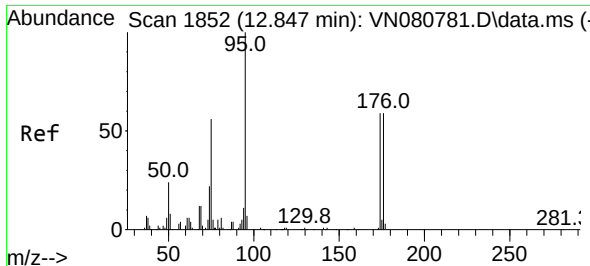


#52
Toluene
Concen: 7.242 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08



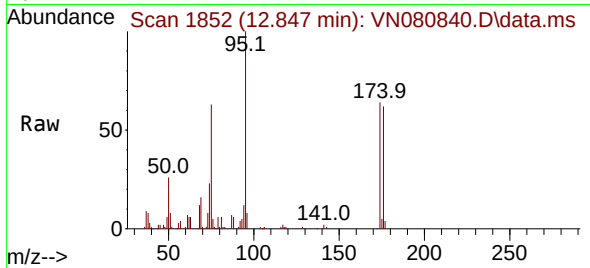
Tgt Ion: 92 Resp: 27789
Ion Ratio Lower Upper
92 100
91 177.3 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 53.433 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

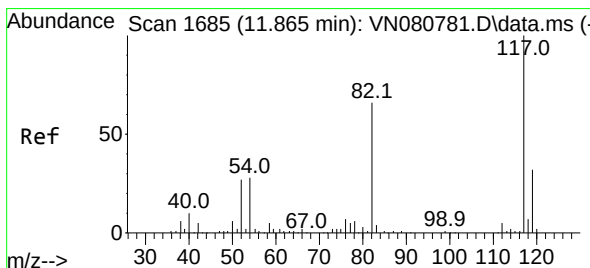
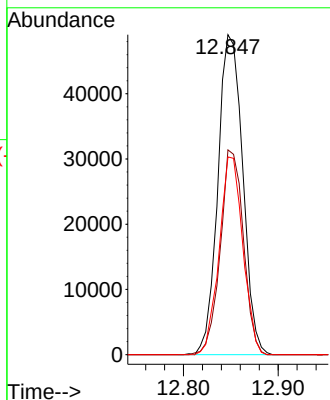
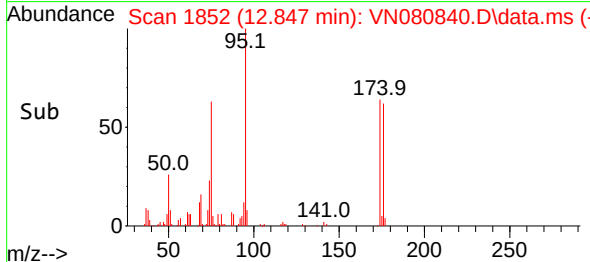
Instrument :
MSVOA_N
ClientSampleId :
1255



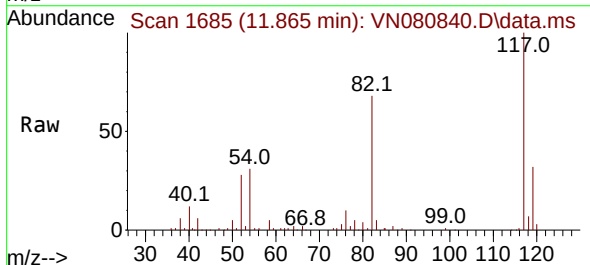
Tgt Ion: 95 Resp: 8928
Ion Ratio Lower Upper
95 100
174 59.6 0.0 120.4
176 59.0 0.0 121.0

Manual Integrations
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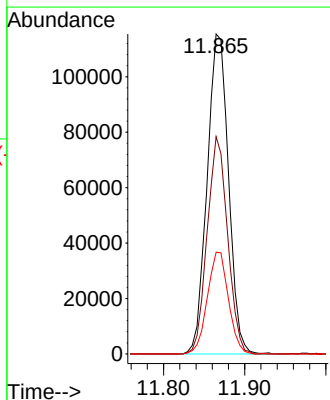
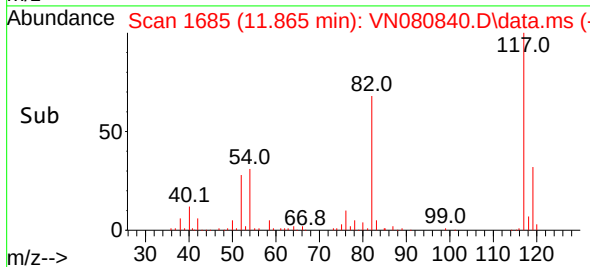
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

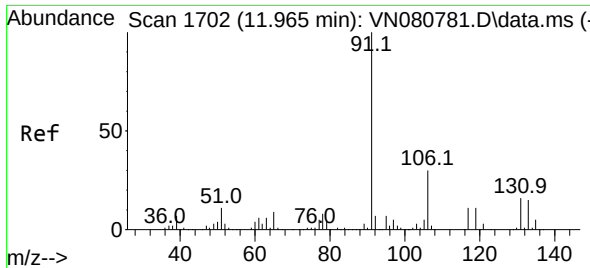


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08



Tgt Ion:117 Resp: 211199
Ion Ratio Lower Upper
117 100
82 67.9 52.7 79.1
119 31.8 25.3 37.9





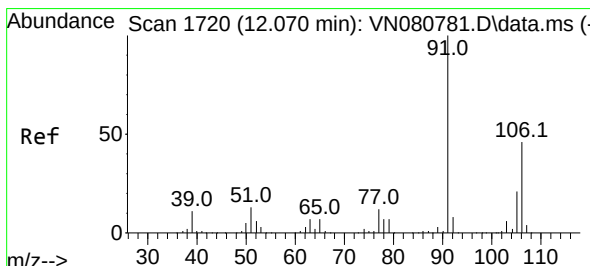
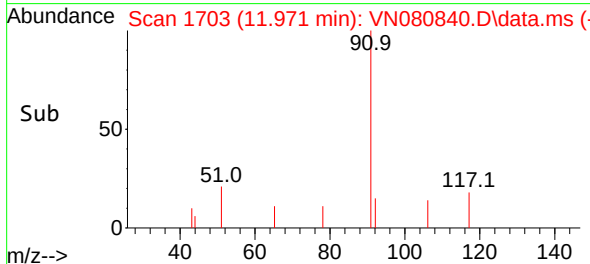
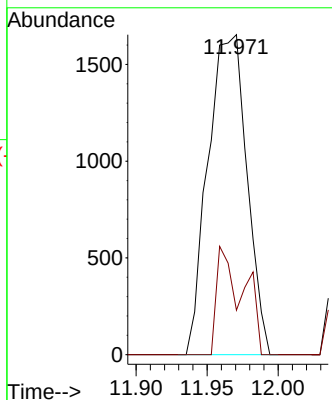
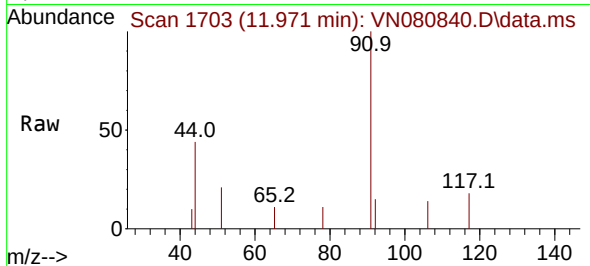
#67
Ethyl Benzene
Concen: 0.367 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
1255

Tgt Ion: 91 Resp: 314
Ion Ratio Lower Upper
91 100
106 13.9 23.8 35.6

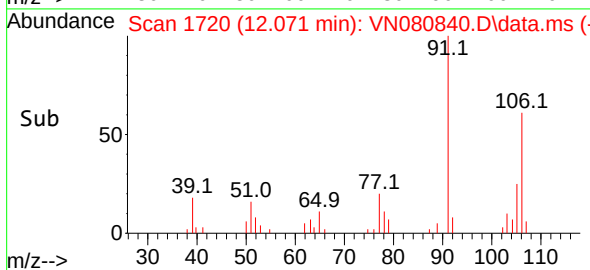
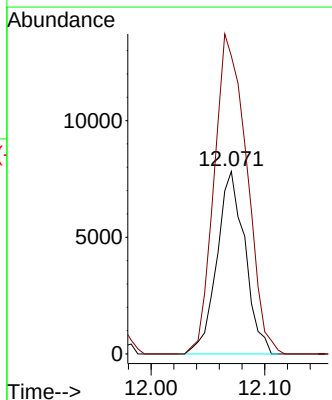
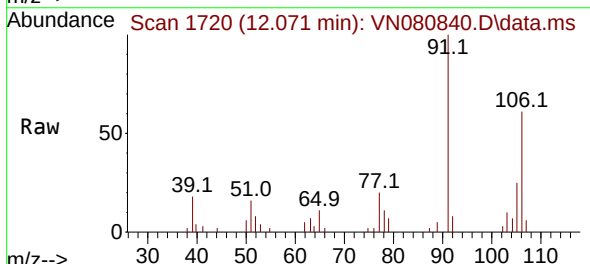
Manual Integrations
APPROVED

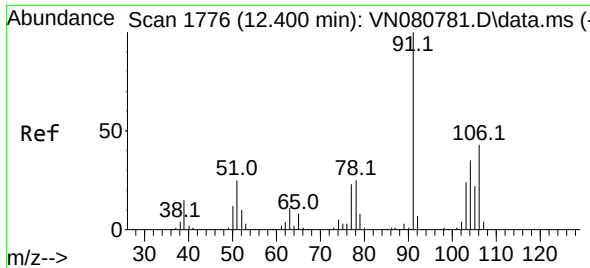
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#68
m/p-Xylenes
Concen: 4.413 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Tgt Ion:106 Resp: 13427
Ion Ratio Lower Upper
106 100
91 202.7 169.0 253.6





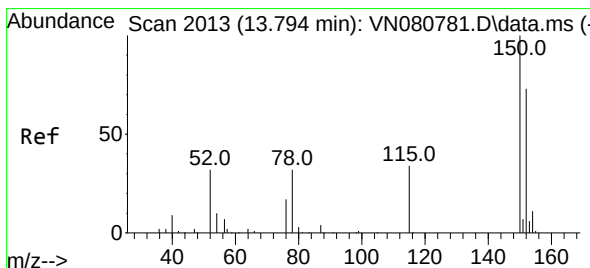
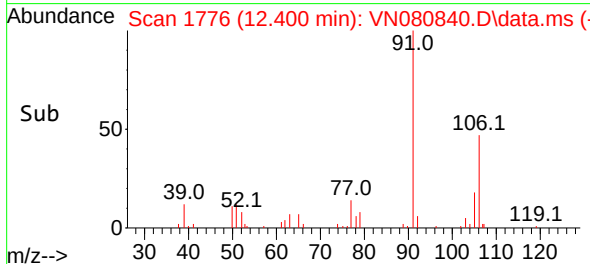
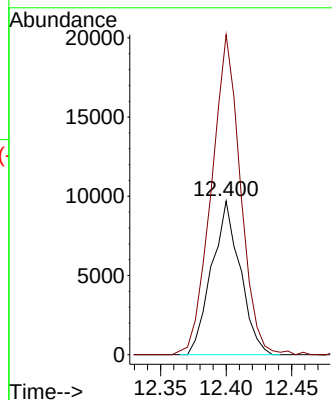
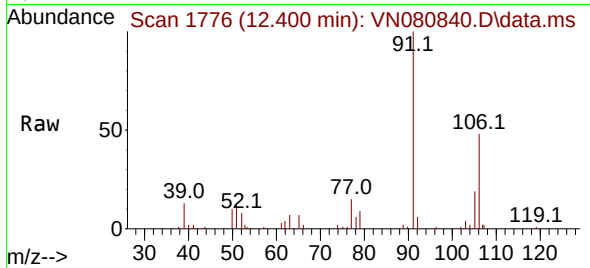
#69
o-Xylene
Concen: 4.843 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Instrument :
MSVOA_N
ClientSampleId :
1255

Tgt Ion:106 Resp: 14640
Ion Ratio Lower Upper
106 100
91 212.6 112.1 336.3

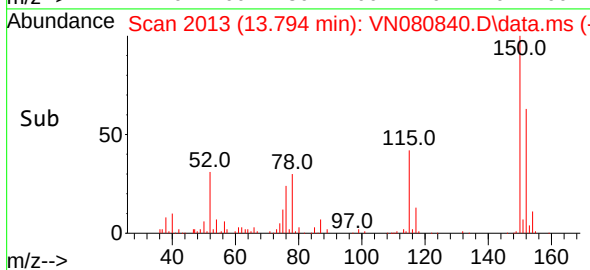
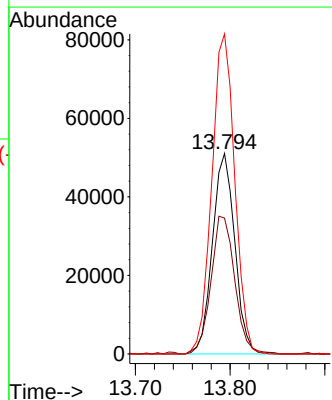
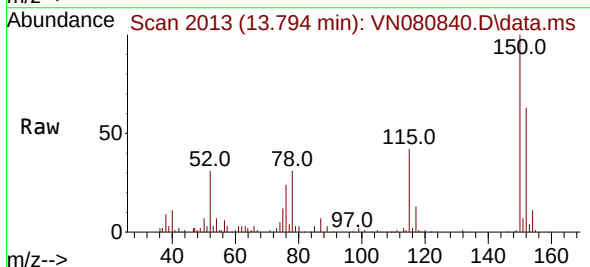
Manual Integrations
APPROVED

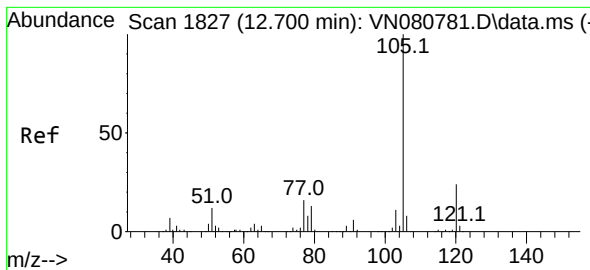
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Tgt Ion:152 Resp: 83790
Ion Ratio Lower Upper
152 100
115 72.8 32.3 96.8
150 163.1 0.0 339.8





#73

Isopropylbenzene

Concen: 0.239 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN080840.D

Acq: 31 Jan 2024 15:08

Instrument :

MSVOA_N

ClientSampleId :

1255

Tgt Ion:105 Resp: 183

Ion Ratio Lower Upper

105 100

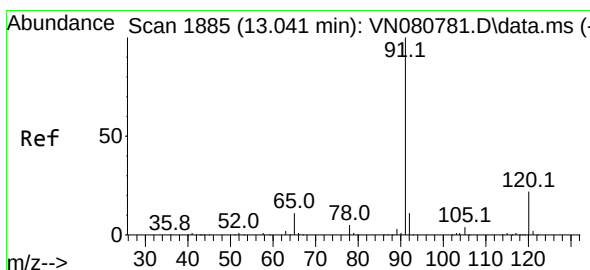
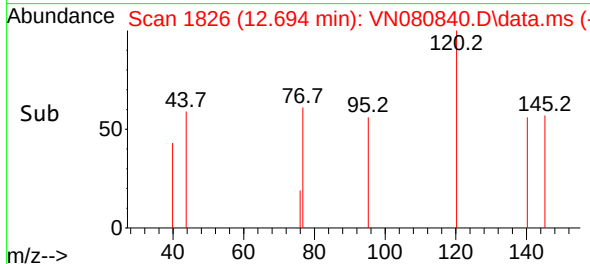
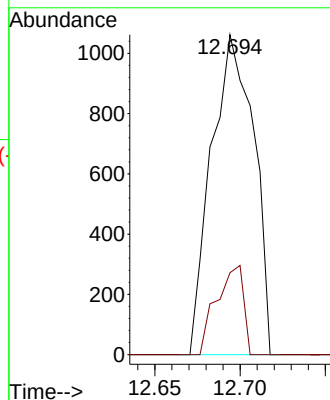
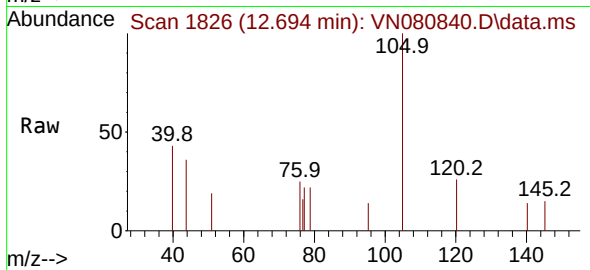
120 17.7 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 02/01/2024

Supervised By :Mahesh Dadoda 02/01/2024



#78

n-propylbenzene

Concen: 0.488 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080840.D

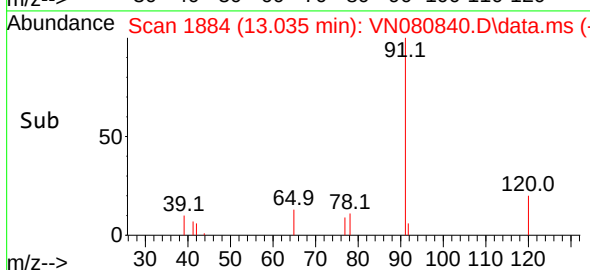
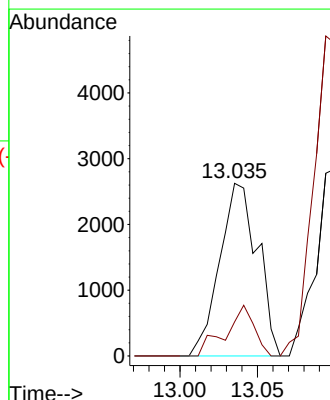
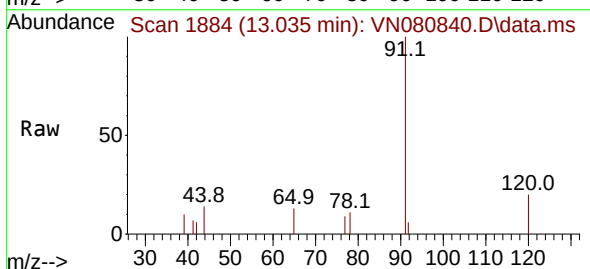
Acq: 31 Jan 2024 15:08

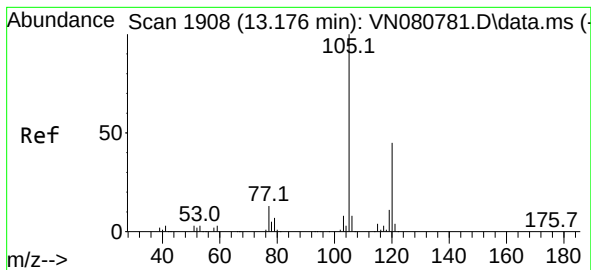
Tgt Ion: 91 Resp: 4472

Ion Ratio Lower Upper

91 100

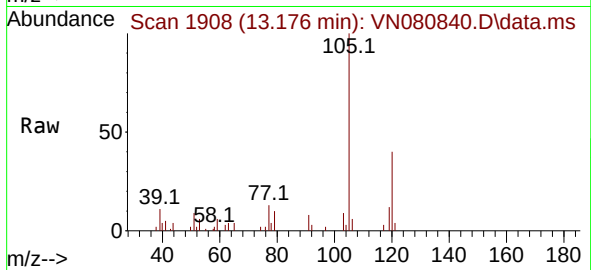
120 22.1 10.3 30.9





#80
1,3,5-Trimethylbenzene
Concen: 2.731 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

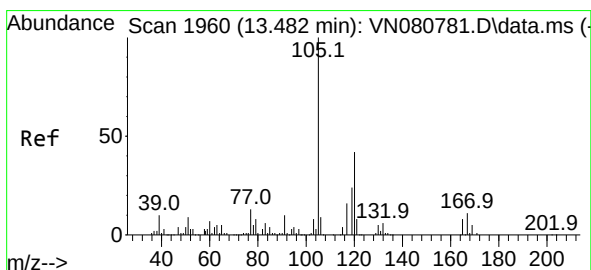
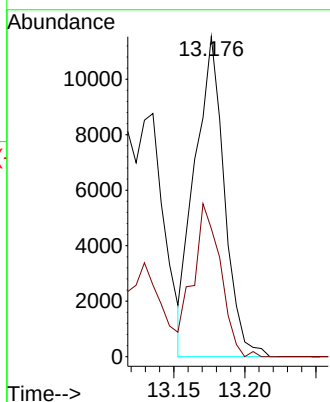
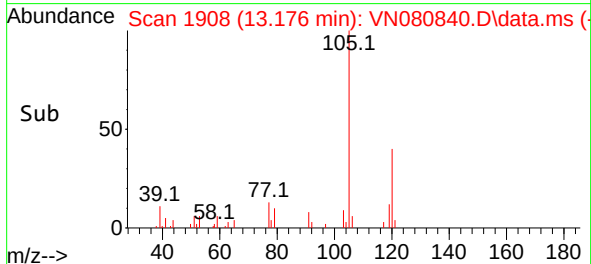
Instrument :
MSVOA_N
ClientSampleId :
1255



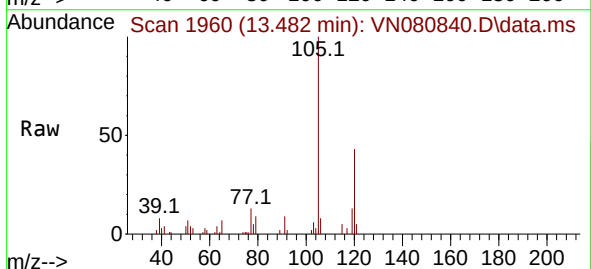
Tgt Ion:105 Resp: 16680
Ion Ratio Lower Upper
105 100
120 44.2 23.0 69.0

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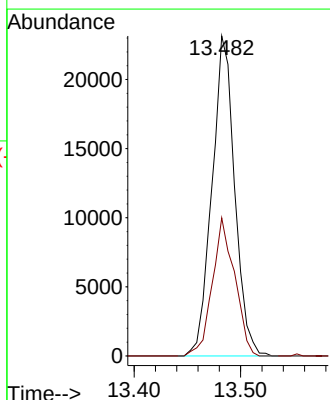
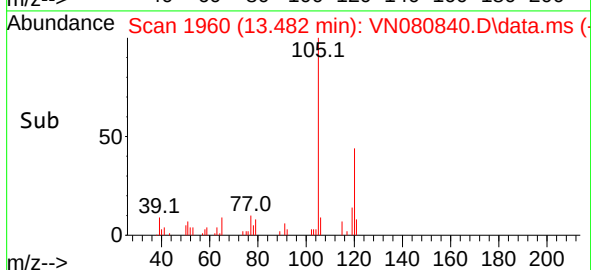
Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024

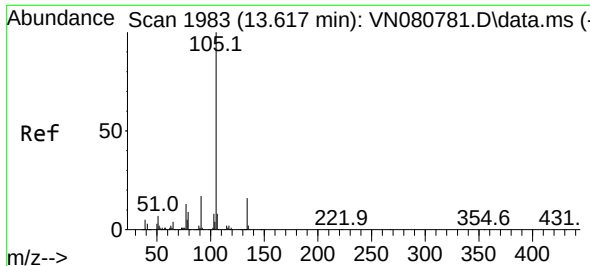


#84
1,2,4-Trimethylbenzene
Concen: 5.537 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08



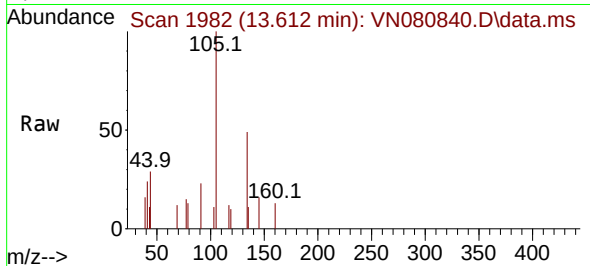
Tgt Ion:105 Resp: 34279
Ion Ratio Lower Upper
105 100
120 42.6 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 0.374 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN080840.D
 Acq: 31 Jan 2024 15:08

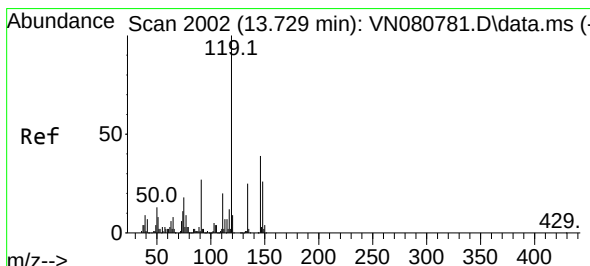
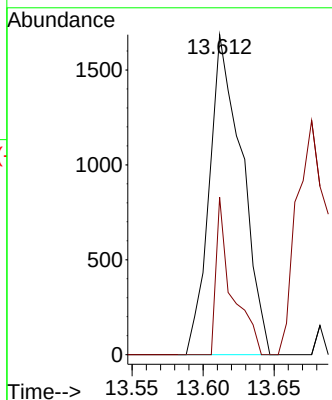
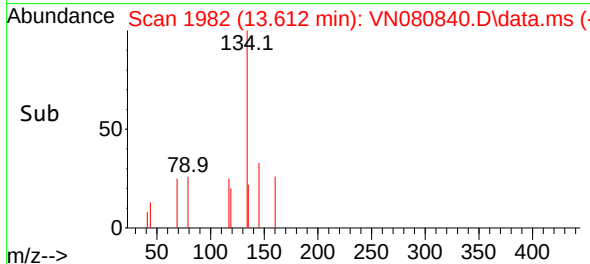
Instrument :
 MSVOA_N
 ClientSampleId :
 1255



Tgt Ion:105 Resp: 2694
 Ion Ratio Lower Upper
 105 100
 134 23.8 8.6 25.8

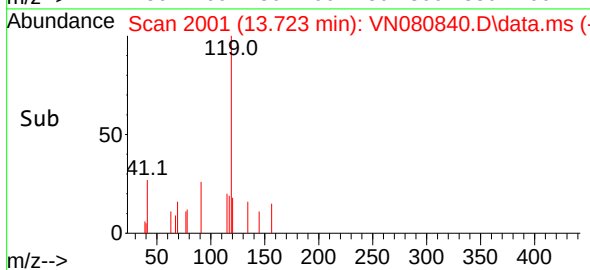
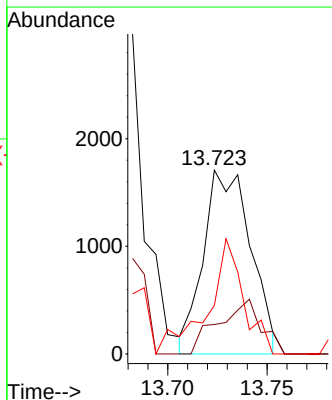
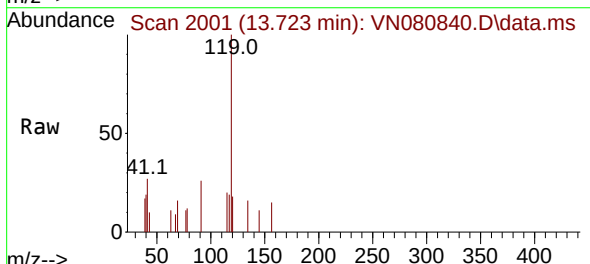
Manual Integrations
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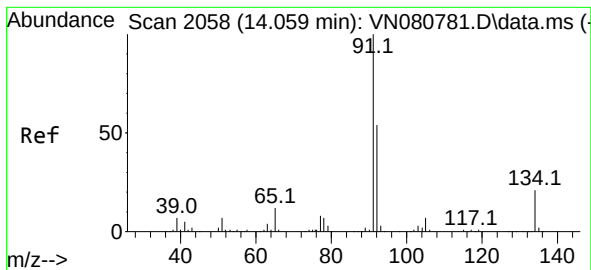
Reviewed By :John Carlone 02/01/2024
 Supervised By :Mahesh Dadoda 02/01/2024



#86
 p-Isopropyltoluene
 Concen: 0.507 ug/l m
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN080840.D
 Acq: 31 Jan 2024 15:08

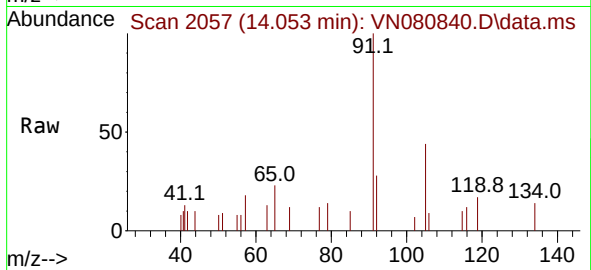
Tgt Ion:119 Resp: 2834
 Ion Ratio Lower Upper
 119 100
 134 59.1 12.4 37.2#
 91 58.6 13.5 40.4#





#89
n-Butylbenzene
Concen: 0.563 ug/l
RT: 14.053 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

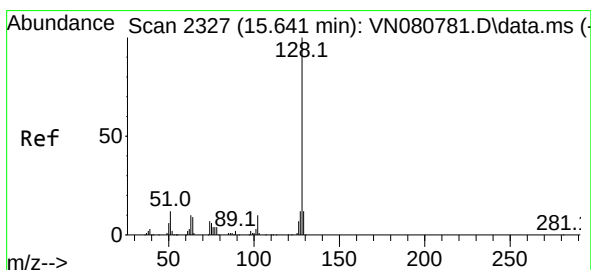
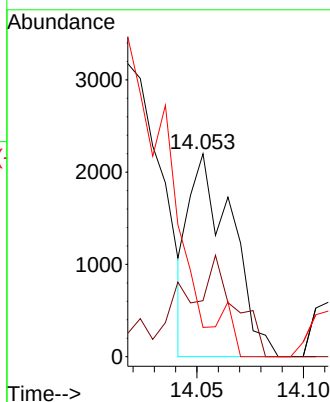
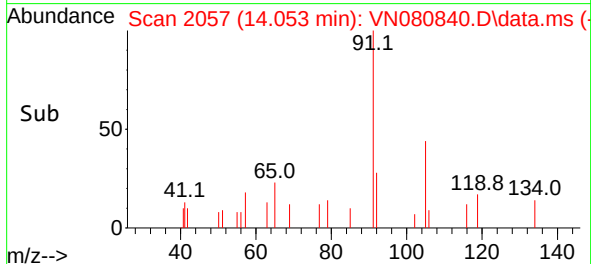
Instrument :
MSVOA_N
ClientSampleId :
1255



Tgt Ion: 91 Resp: 3082
Ion Ratio Lower Upper
91 100
92 64.4 26.7 80.1
134 0.0 10.8 32.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2024
Supervised By :Mahesh Dadoda 02/01/2024



#95
Naphthalene
Concen: 9.746 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080840.D
Acq: 31 Jan 2024 15:08

Tgt Ion:128 Resp: 51543
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 12.0 8.7 13.1

