

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
 Data File : VN080232.D
 Acq On : 21 Nov 2023 15:16
 Operator : JC\MD
 Sample : 05482-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1142

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2023
 Supervised By : Mahesh Dadoda 11/22/2023

Quant Time: Nov 22 00:08:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	158770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	292054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	138298	52.754	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.500%			
35) Dibromofluoromethane	8.171	113	107071	52.338	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.680%			
50) Toluene-d8	10.571	98	362177	49.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.853	95	154828	55.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.512	59	12766	44.282	ug/l	97
13) Acrolein	4.183	56	1610m	6.310	ug/l	
16) Acetone	4.424	43	168189	191.012	ug/l	93
18) Methyl Acetate	5.036	43	12131	4.288	ug/l #	66
25) 2-Butanone	7.483	43	45853	43.830	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	9091	4.392	ug/l #	85
52) Toluene	10.629	92	7779	1.477	ug/l	93
68) m/p-Xylenes	12.071	106	2000	0.466	ug/l	83
84) 1,2,4-Trimethylbenzene	13.482	105	4045	0.419	ug/l #	59
95) Naphthalene	15.641	128	6688	0.810	ug/l	97

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

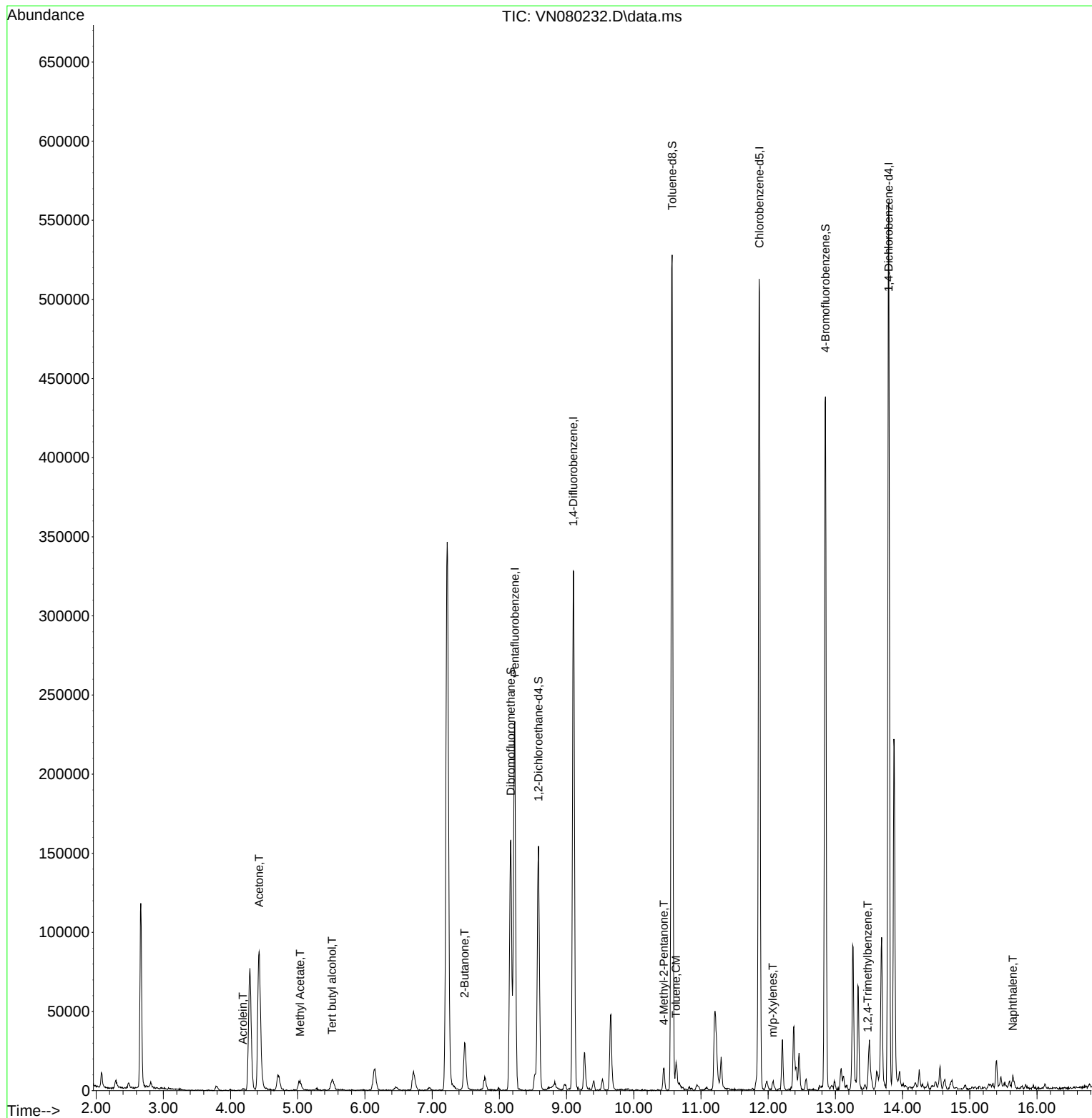
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112123\
Data File : VN080232.D
Acq On : 21 Nov 2023 15:16
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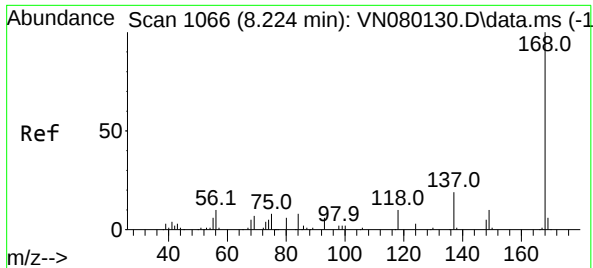
Instrument :
MSVOA_N
ClientSampleId :
1142

Quant Time: Nov 22 00:08:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 17 01:19:32 2023
Response via : Initial Calibration

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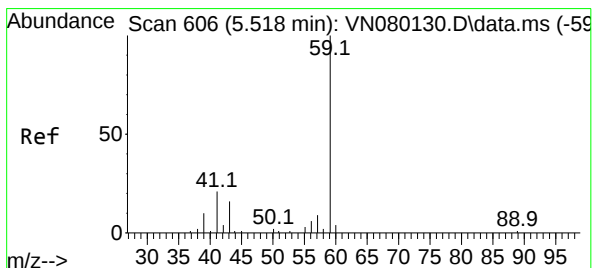
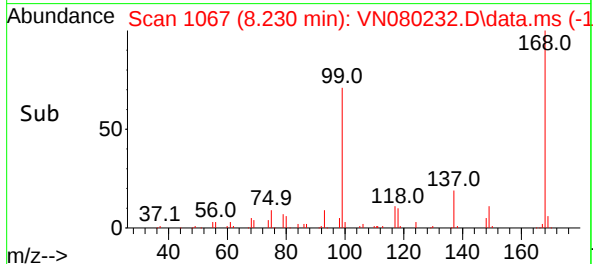
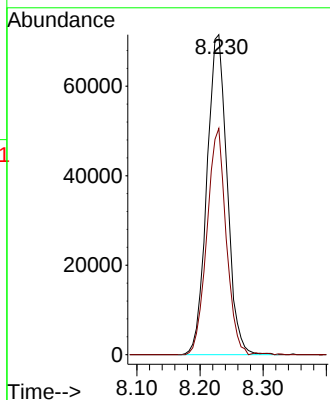
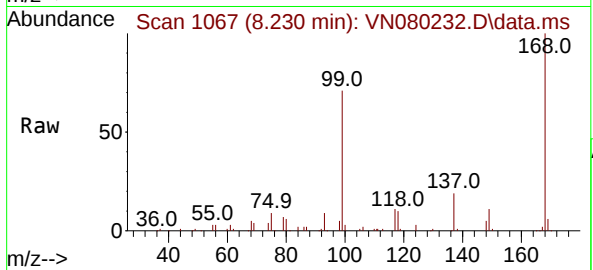
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
1142

Tgt Ion:168 Resp: 158770
Ion Ratio Lower Upper
168 100
99 70.7 53.0 79.6

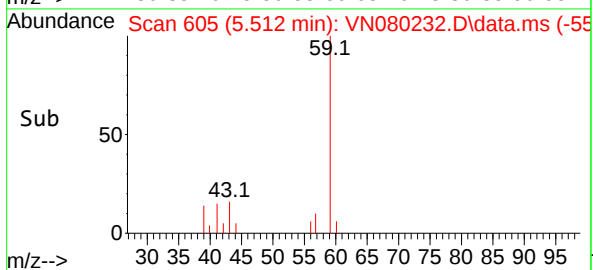
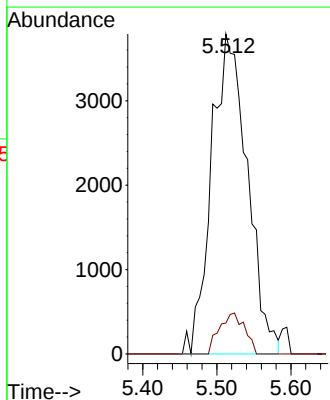
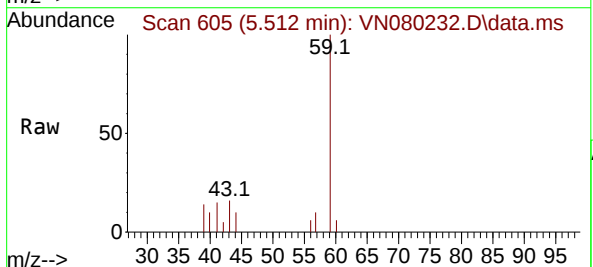
Manual Integrations
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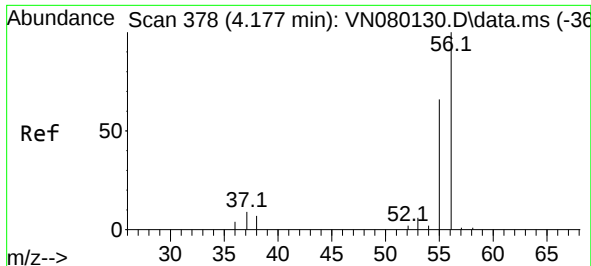
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#11
Tert butyl alcohol
Concen: 44.282 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

Tgt Ion: 59 Resp: 12766
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.4





#13

Acrolein

Concen: 6.310 ug/l m

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN080232.D

Acq: 21 Nov 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

1142

Tgt Ion: 56 Resp: 1610

Ion Ratio Lower Upper

56 100

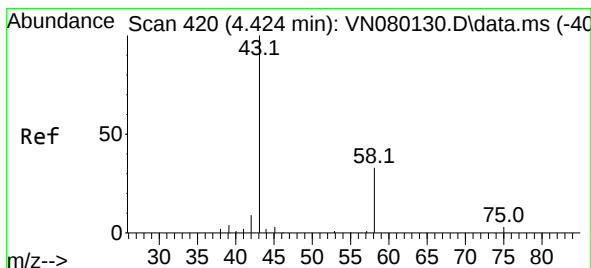
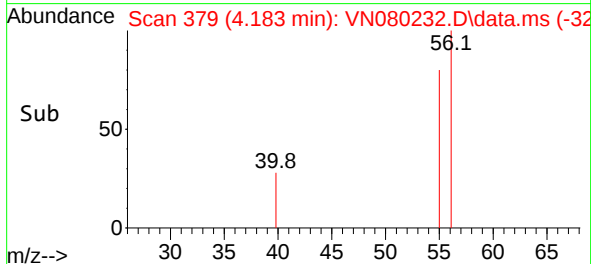
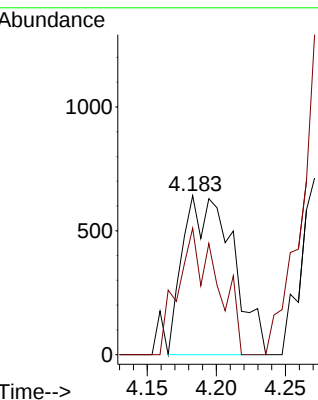
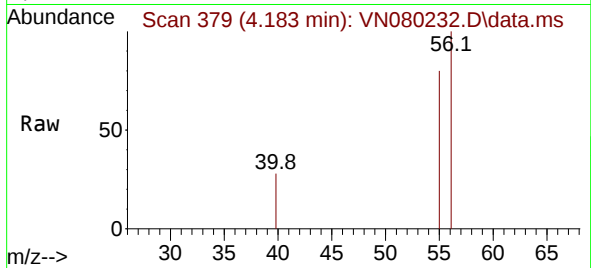
55 62.7 54.5 81.7

Manual Integrations

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#16

Acetone

Concen: 191.012 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN080232.D

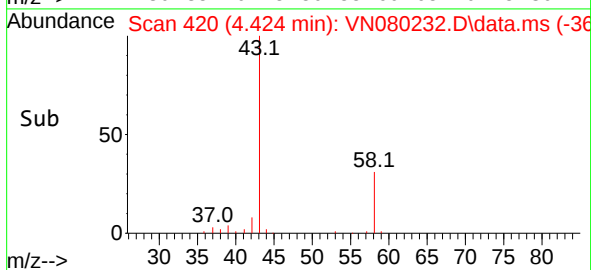
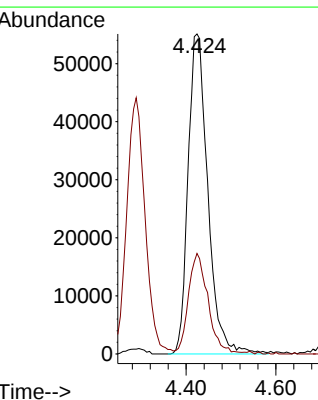
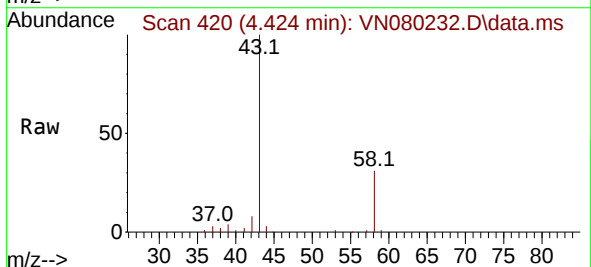
Acq: 21 Nov 2023 15:16

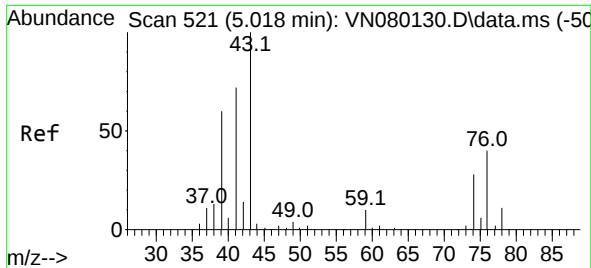
Tgt Ion: 43 Resp: 168189

Ion Ratio Lower Upper

43 100

58 31.1 28.0 42.0





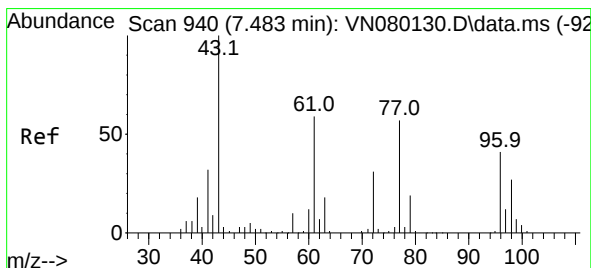
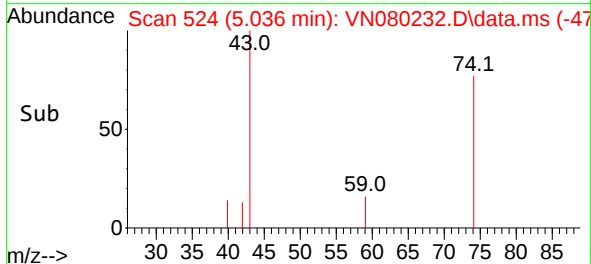
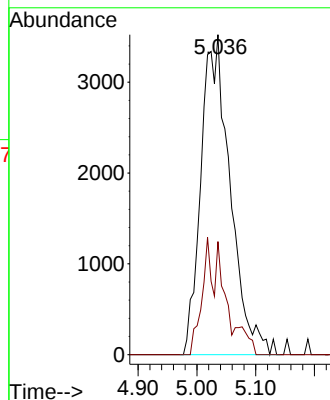
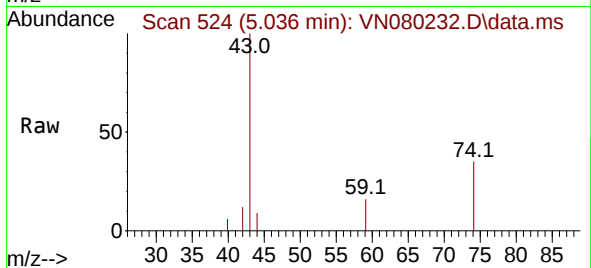
#18
Methyl Acetate
Concen: 4.288 ug/l
RT: 5.036 min Scan# 511
Delta R.T. 0.018 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
1142

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
74 13.5 26.2 39.4

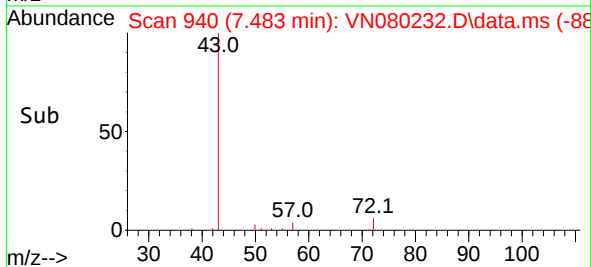
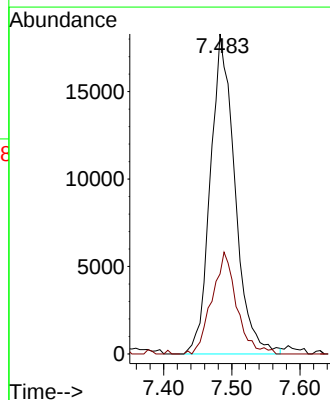
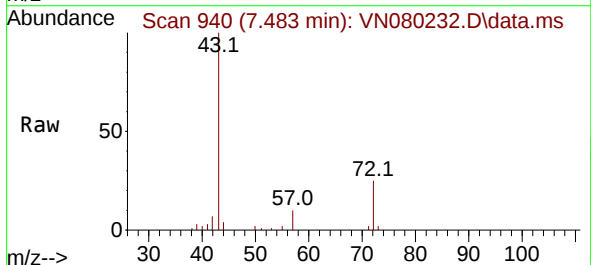
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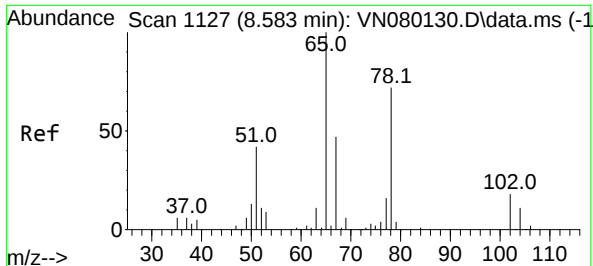
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#25
2-Butanone
Concen: 43.830 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

Tgt Ion: 43 Resp: 45853
Ion Ratio Lower Upper
43 100
72 25.0 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 52.754 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080232.D

Acq: 21 Nov 2023 15:16

Instrument :

MSVOA_N

ClientSampleId :

1142

Tgt Ion: 65 Resp: 138298

Ion Ratio Lower Upper

65 100

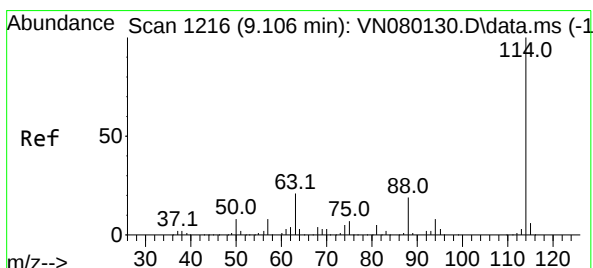
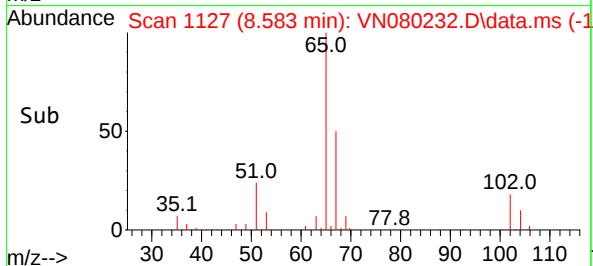
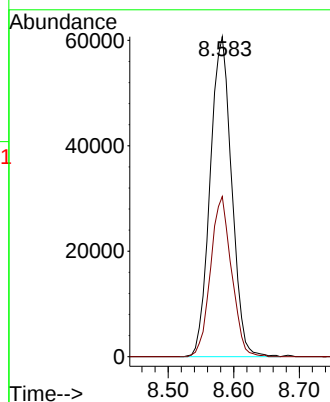
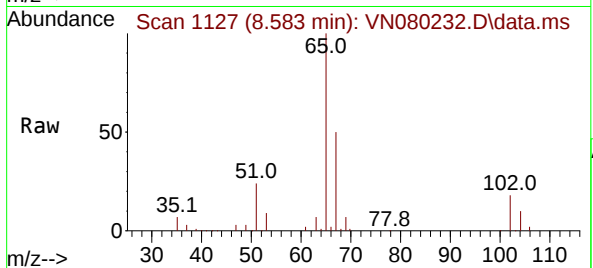
67 48.8 0.0 106.6

Manual Integrations

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Reviewed By :John Carlone 11/22/2023

Supervised By :Mahesh Dadoda 11/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080232.D

Acq: 21 Nov 2023 15:16

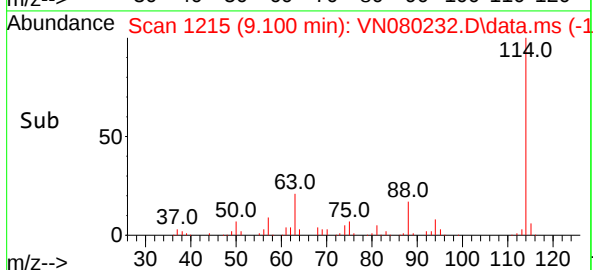
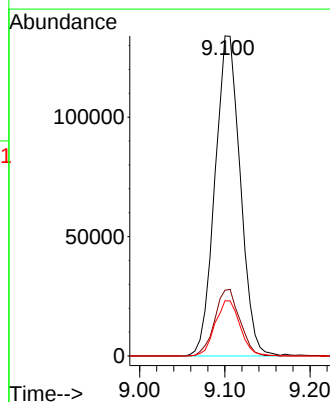
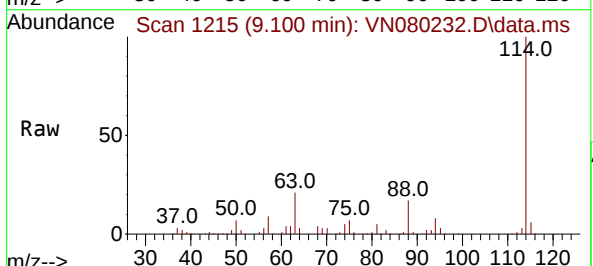
Tgt Ion:114 Resp: 277251

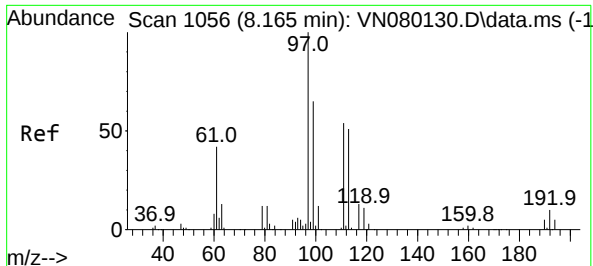
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

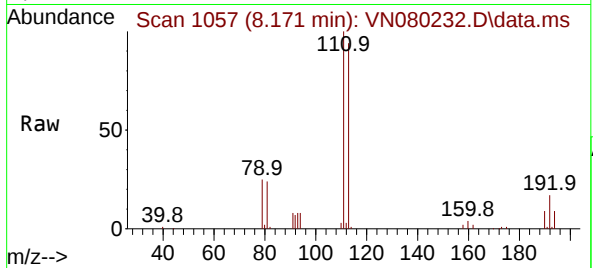
88 17.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.338 ug/l
RT: 8.171 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

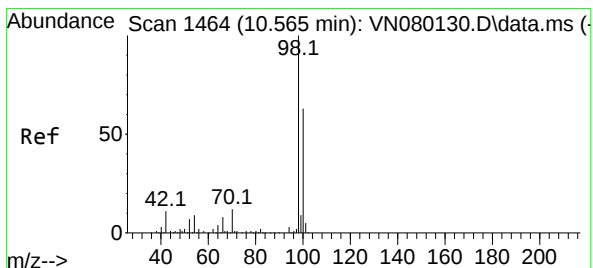
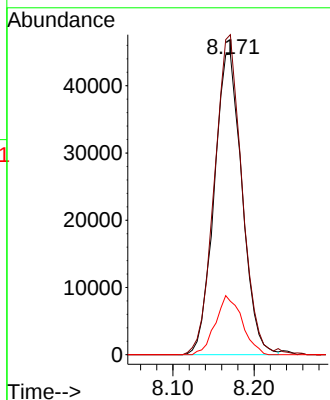
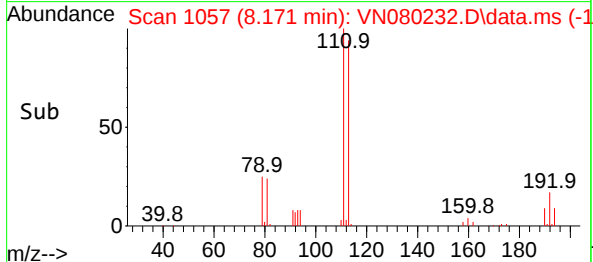
Instrument :
MSVOA_N
ClientSampleId :
1142



Tgt Ion:113 Resp: 10707
Ion Ratio Lower Upper
113 100
111 104.9 82.6 123.8
192 18.7 12.7 19.1

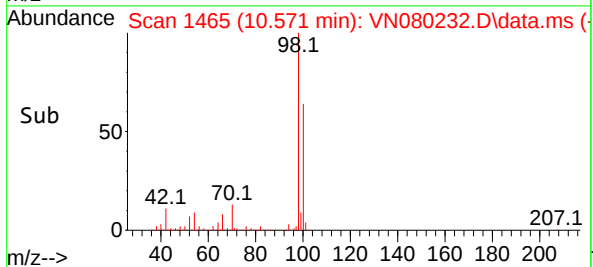
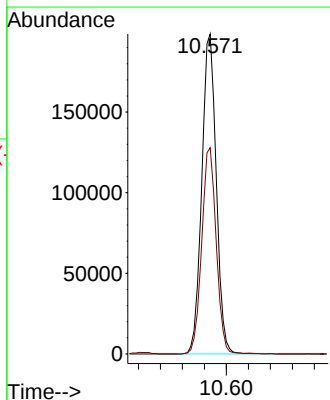
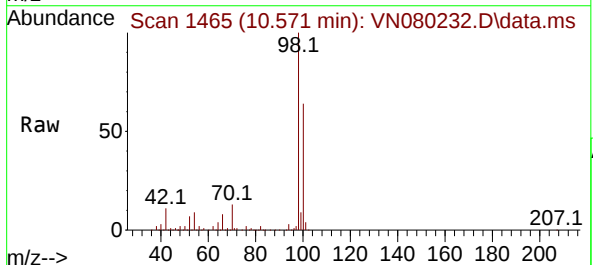
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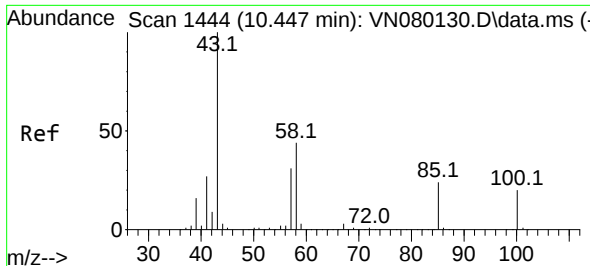
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#50
Toluene-d8
Concen: 49.112 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

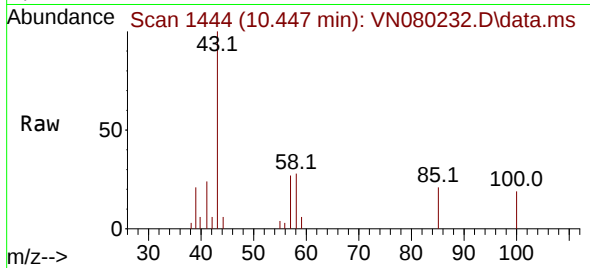
Tgt Ion: 98 Resp: 362177
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 4.392 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

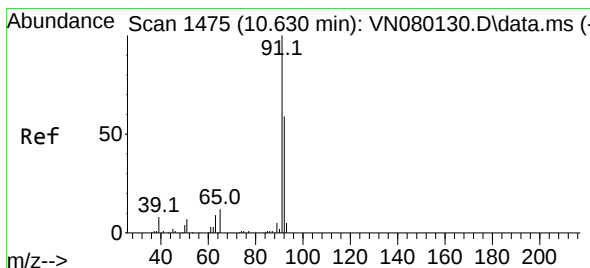
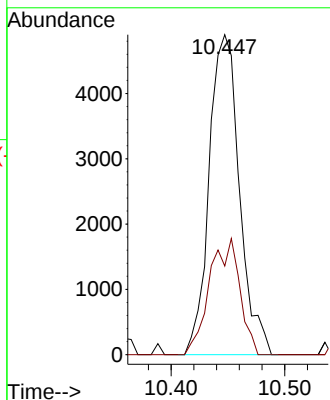
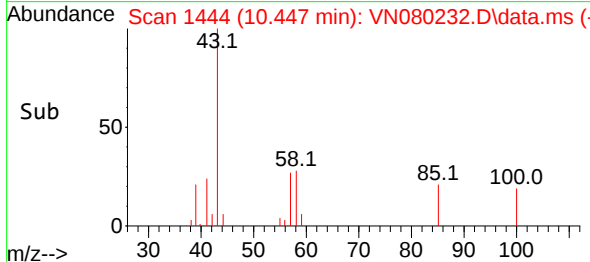
Instrument :
MSVOA_N
ClientSampleId :
1142



Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
58 36.1 36.6 54.8

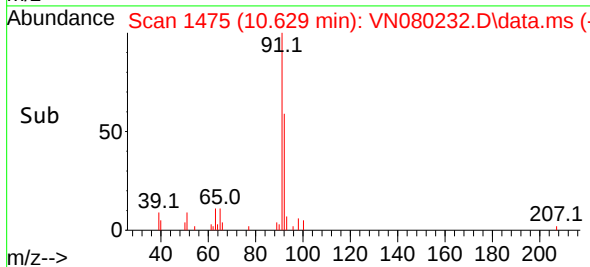
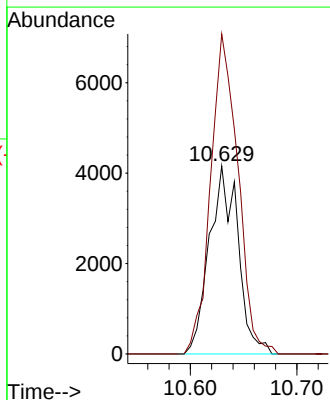
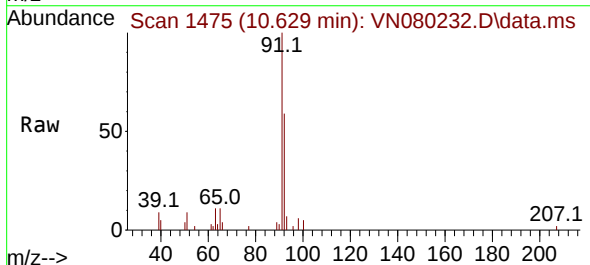
Manual Integrations
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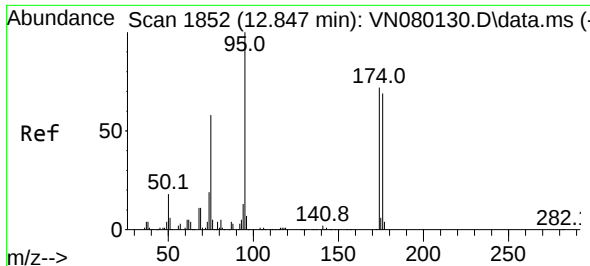
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#52
Toluene
Concen: 1.477 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

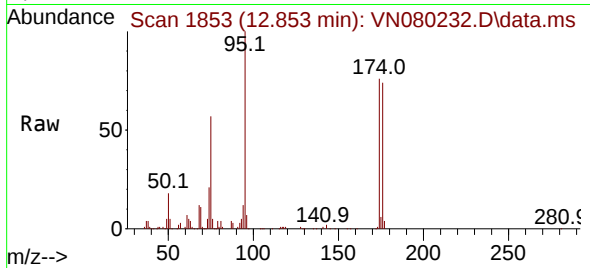
Tgt Ion: 92 Resp: 7779
Ion Ratio Lower Upper
92 100
91 162.1 137.4 206.0





#62
4-Bromofluorobenzene
Concen: 55.584 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

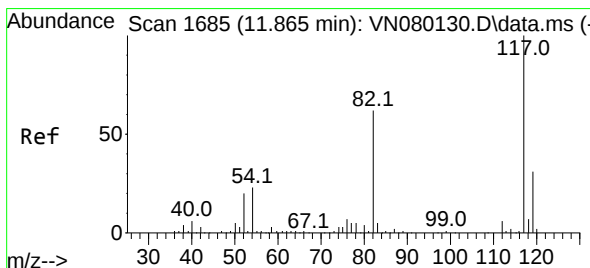
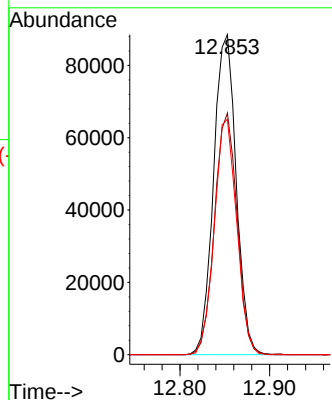
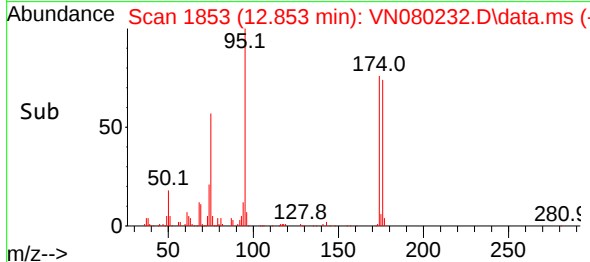
Instrument :
MSVOA_N
ClientSampleId :
1142



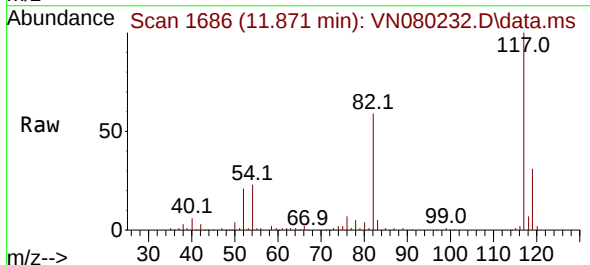
Tgt Ion: 95 Resp: 154828
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 72.9 0.0 135.8

Manual Integrations
APPROVED

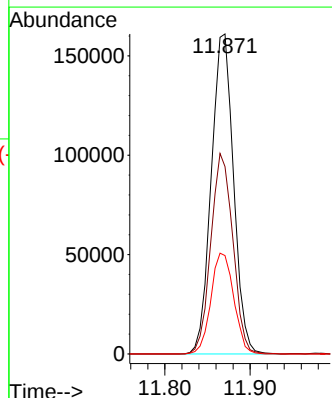
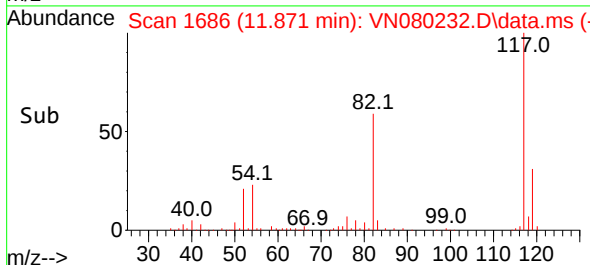
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023

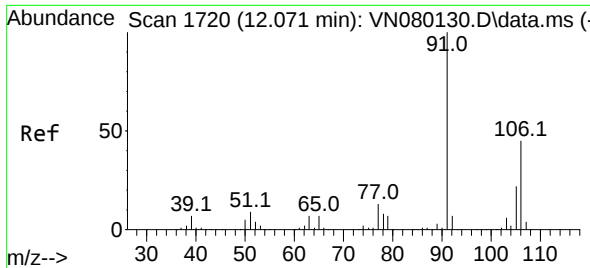


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16



Tgt Ion:117 Resp: 292054
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 30.8 25.6 38.4





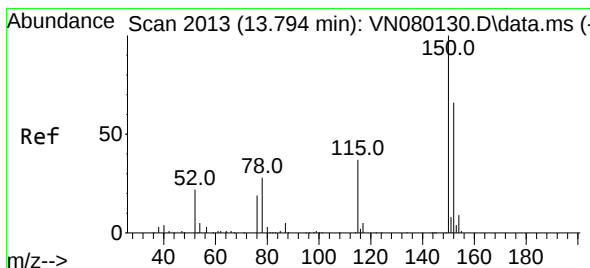
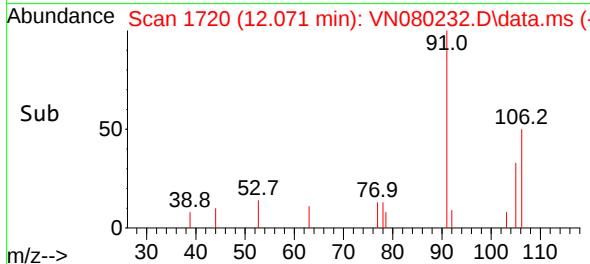
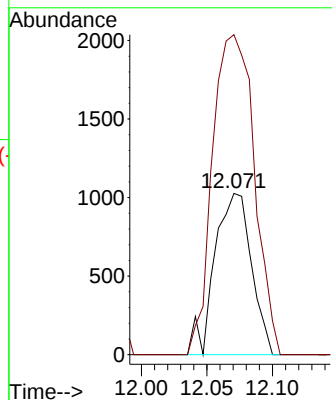
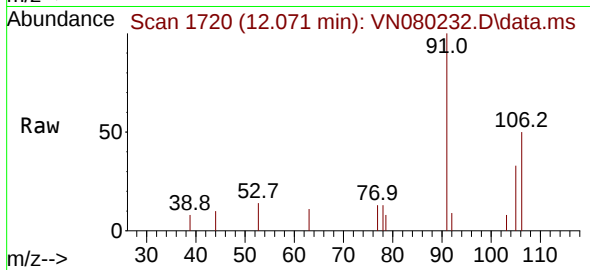
#68
m/p-Xylenes
Concen: 0.466 ug/l
RT: 12.071 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

Instrument :
MSVOA_N
ClientSampleId :
1142

Tgt Ion:106 Resp: 2000
Ion Ratio Lower Upper
106 100
91 225.6 159.6 239.4

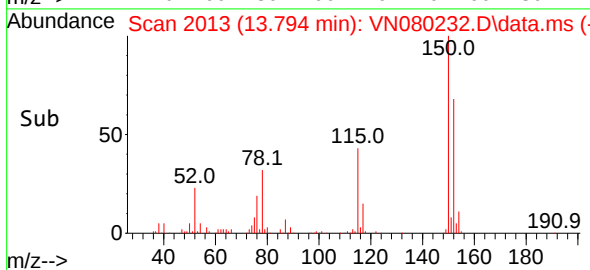
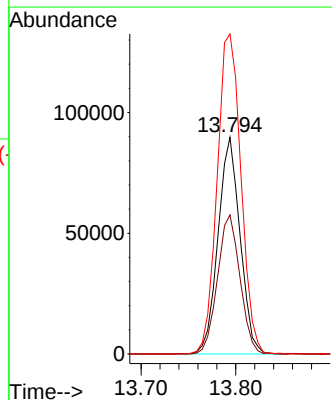
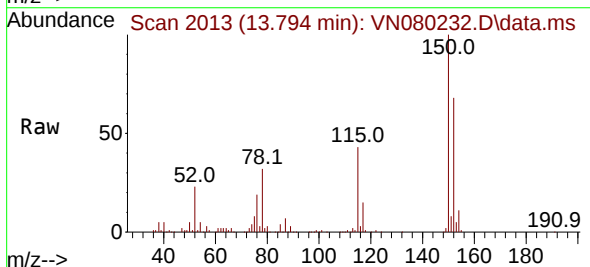
Manual Integrations
APPROVED

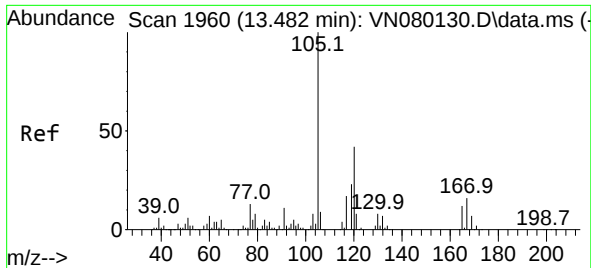
Reviewed By :John Carlone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

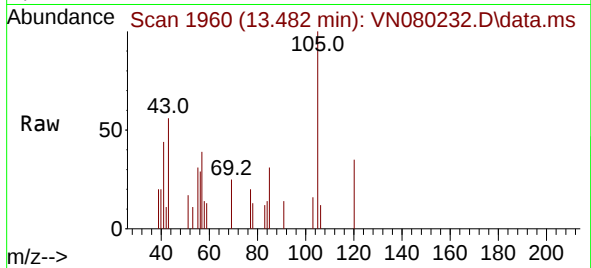
Tgt Ion:152 Resp: 144947
Ion Ratio Lower Upper
152 100
115 65.5 32.3 96.8
150 159.8 0.0 355.8





#84
1,2,4-Trimethylbenzene
Concen: 0.419 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16

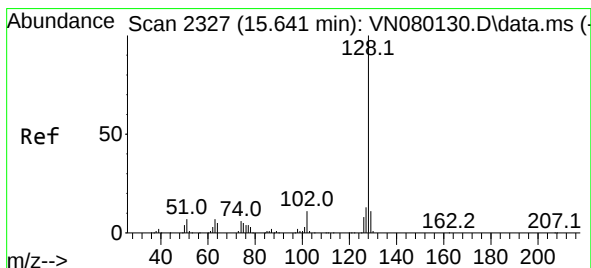
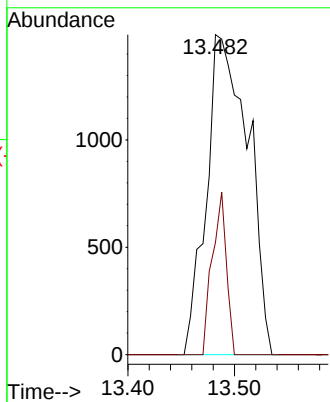
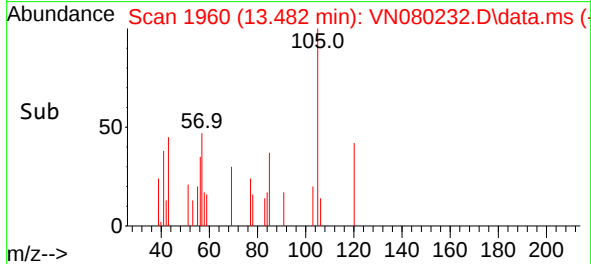
Instrument :
MSVOA_N
ClientSampleId :
1142



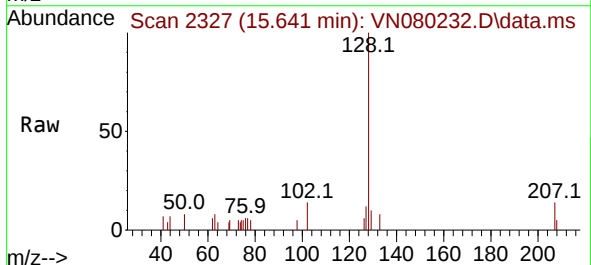
Tgt Ion:105 Resp: 4049
Ion Ratio Lower Upper
105 100
120 17.2 22.0 66.0

Manual Integrations
APPROVED

Reviewed By :John Carbone 11/22/2023
Supervised By :Mahesh Dadoda 11/22/2023



#95
Naphthalene
Concen: 0.810 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN080232.D
Acq: 21 Nov 2023 15:16



Tgt Ion:128 Resp: 6688
Ion Ratio Lower Upper
128 100
127 12.2 10.0 15.0
129 8.7 8.7 13.1

