

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083829.D
 Acq On : 12 Sep 2024 14:17
 Operator : JC\MD
 Sample : P3913-08RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-DRE

Quant Time: Sep 12 17:34:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/13/2024
 Supervised By : Mahesh Dadoda 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	144487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	179489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110820	50.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.740%			
35) Dibromofluoromethane	8.165	113	87274	46.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.460%			
50) Toluene-d8	10.565	98	321630	49.285	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.560%			
62) 4-Bromofluorobenzene	12.847	95	166822	61.959	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 123.920%#			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.548	59	7954m	27.264	ug/l	
16) Acetone	4.430	43	208823	239.100	ug/l	97
18) Methyl Acetate	5.018	43	5624	1.283	ug/l #	87
25) 2-Butanone	7.483	43	161145	140.381	ug/l	97
40) Benzene	8.606	78	9637	1.127	ug/l	98
52) Toluene	10.630	92	18141	3.468	ug/l	100
67) Ethyl Benzene	11.959	91	14314	1.098	ug/l	96
68) m/p-Xylenes	12.065	106	21557	4.452	ug/l	99
69) o-Xylene	12.394	106	7797	1.663	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	6227	0.532	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	28804	2.449	ug/l	70

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

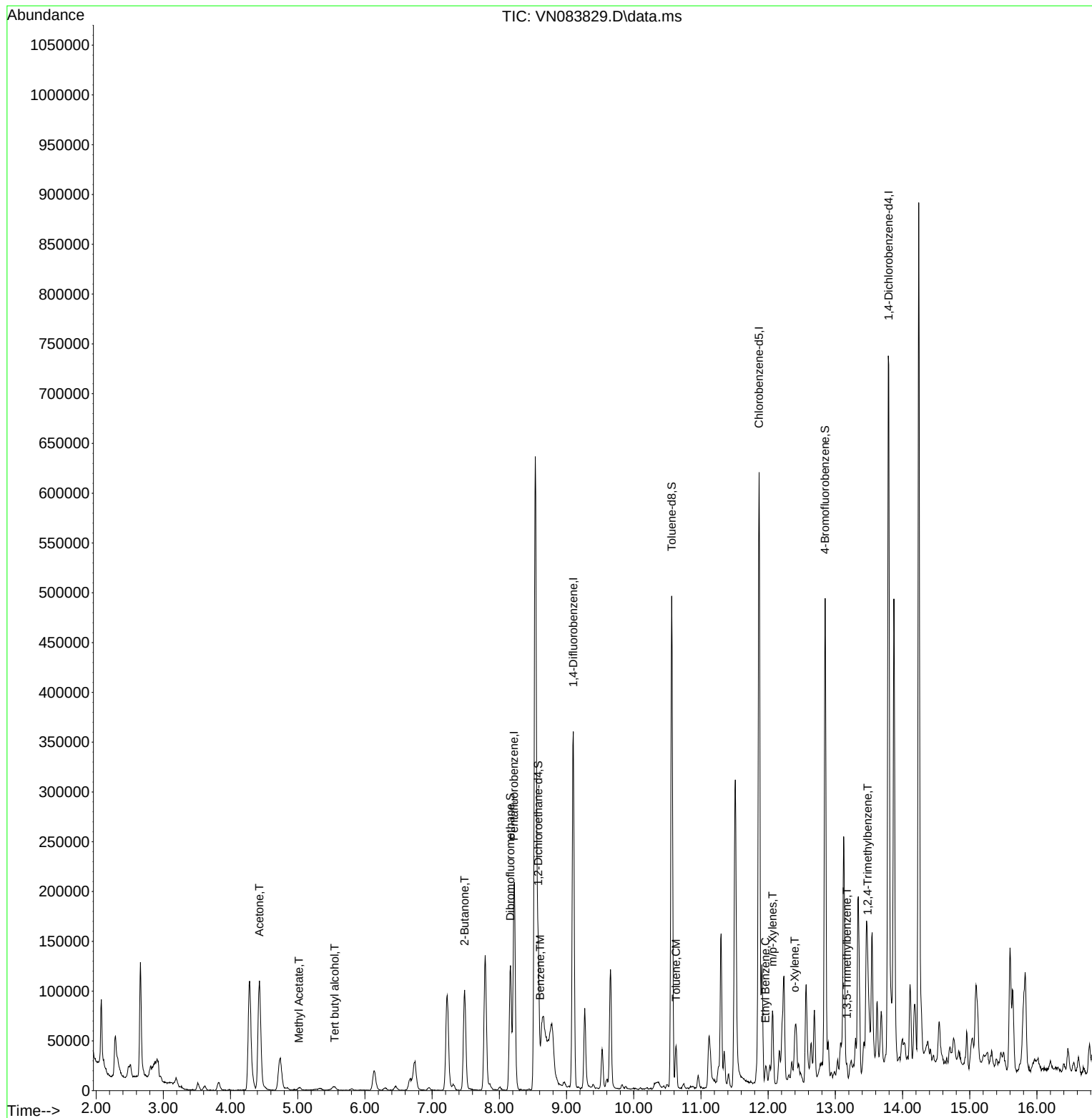
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Data File : VN083829.D
Acq On : 12 Sep 2024 14:17
Operator : JC\MD
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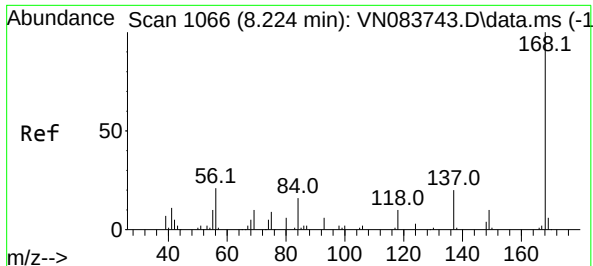
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE

Quant Time: Sep 12 17:34:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

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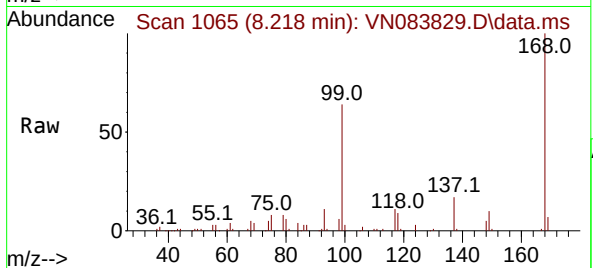
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

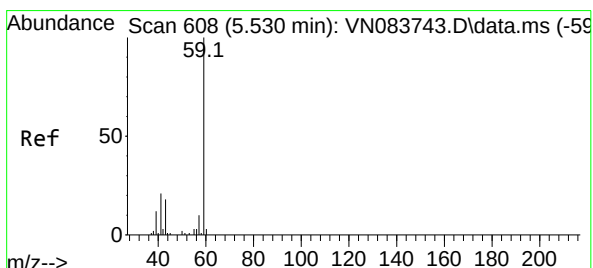
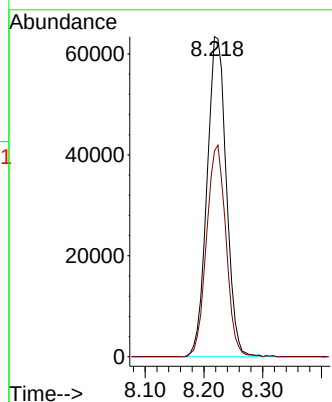
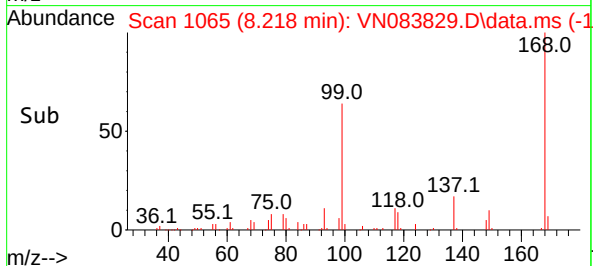
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion:168 Resp: 14448
Ion Ratio Lower Upper
168 100
99 64.2 54.2 81.2

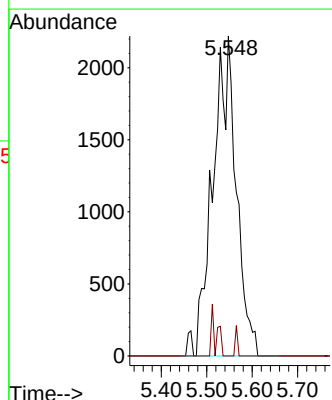
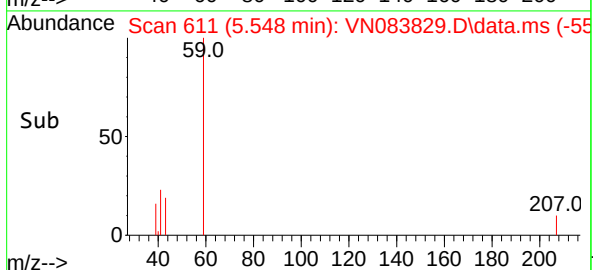
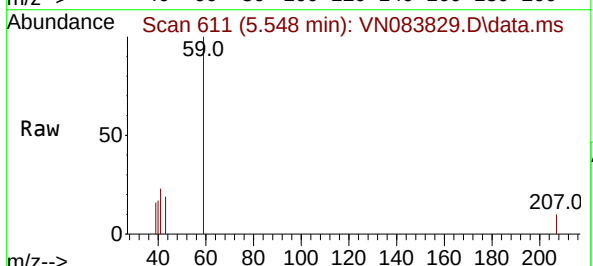
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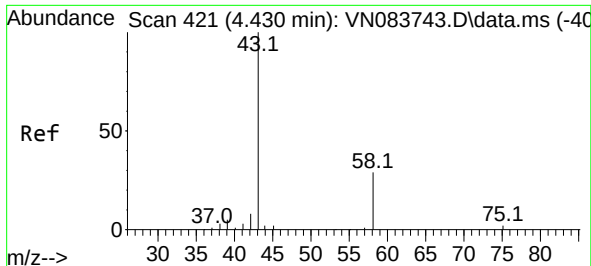
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#11
Tert butyl alcohol
Concen: 27.264 ug/l m
RT: 5.548 min Scan# 611
Delta R.T. 0.018 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

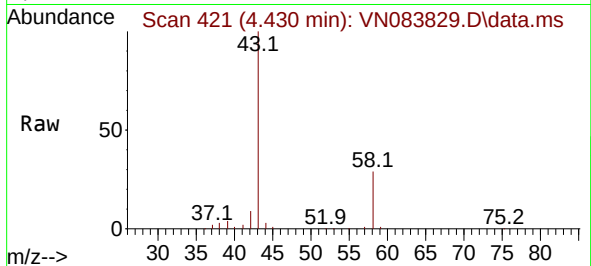
Tgt Ion: 59 Resp: 7954
Ion Ratio Lower Upper
59 100
57 3.4 8.7 13.1#





#16
Acetone
Concen: 239.100 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

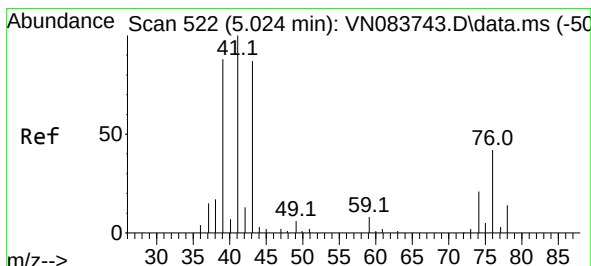
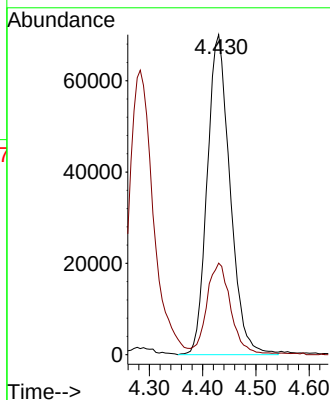
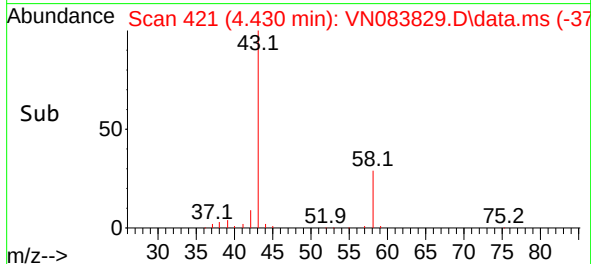
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion: 43 Resp: 20882
Ion Ratio Lower Upper
43 100
58 28.1 23.7 35.5

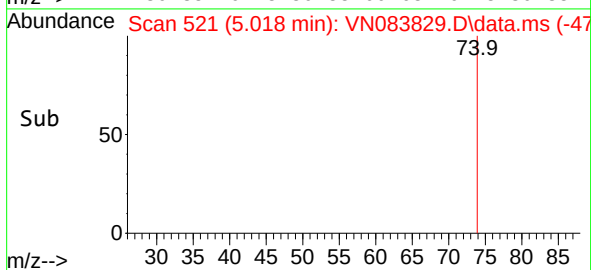
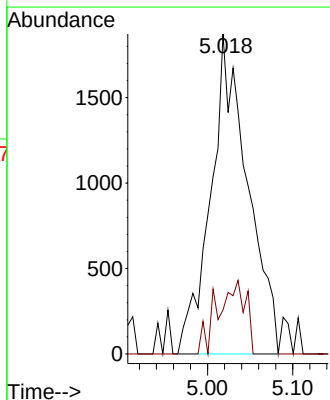
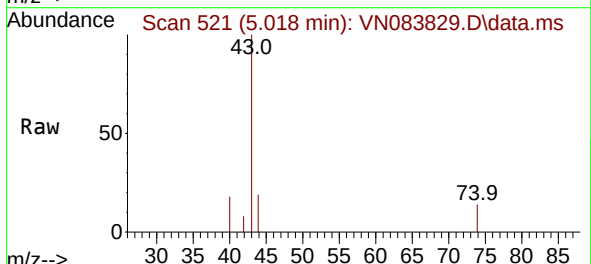
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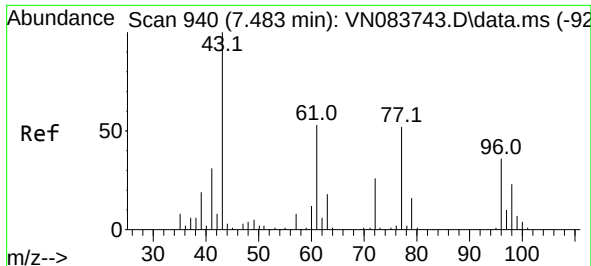
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#18
Methyl Acetate
Concen: 1.283 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

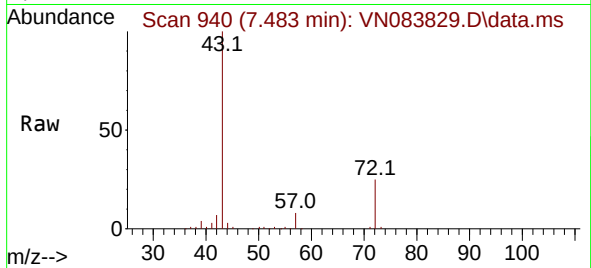
Tgt Ion: 43 Resp: 5624
Ion Ratio Lower Upper
43 100
74 17.4 19.0 28.4#





#25
2-Butanone
Concen: 140.381 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

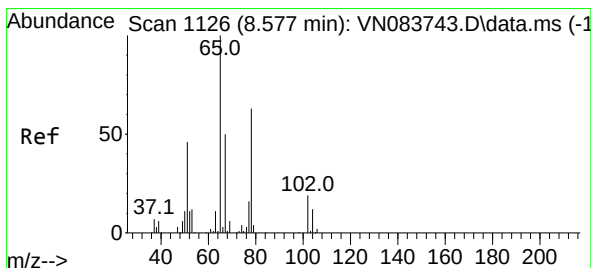
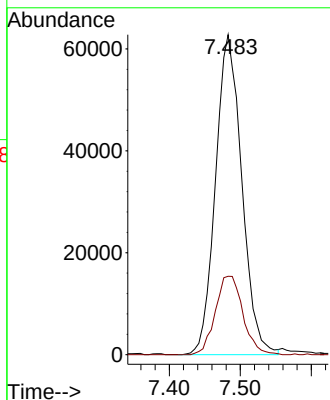
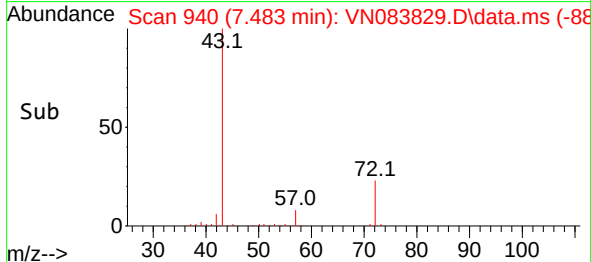
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion: 43 Resp: 16114
Ion Ratio Lower Upper
43 100
72 24.5 20.8 31.2

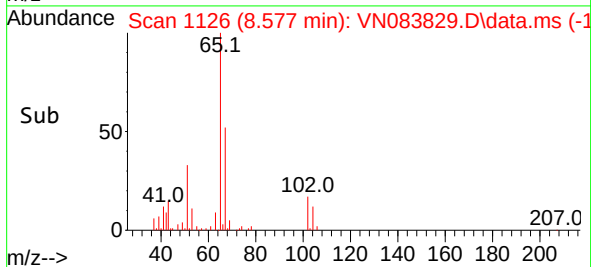
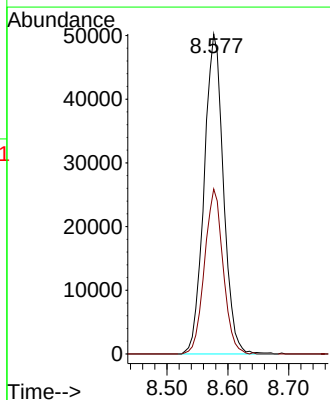
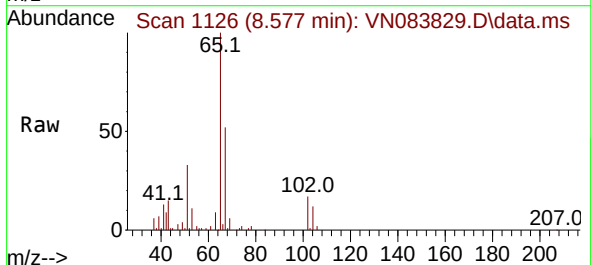
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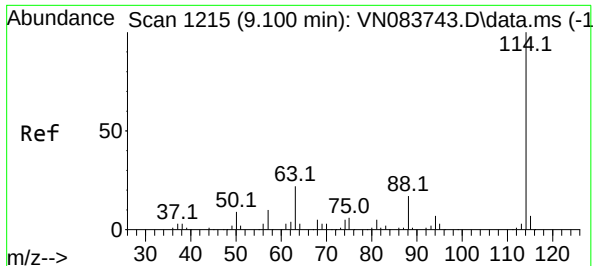
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#33
1,2-Dichloroethane-d4
Concen: 50.866 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

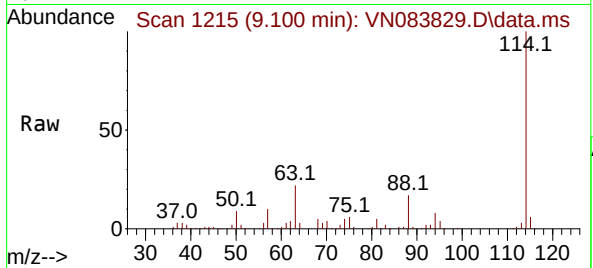
Tgt Ion: 65 Resp: 110820
Ion Ratio Lower Upper
65 100
67 49.6 0.0 100.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

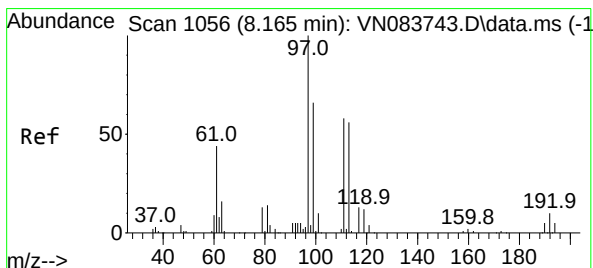
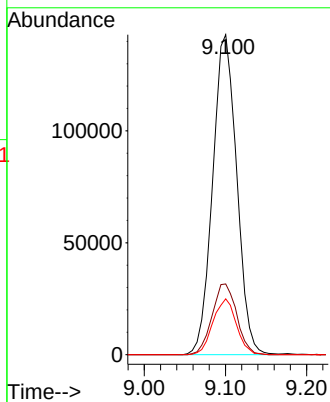
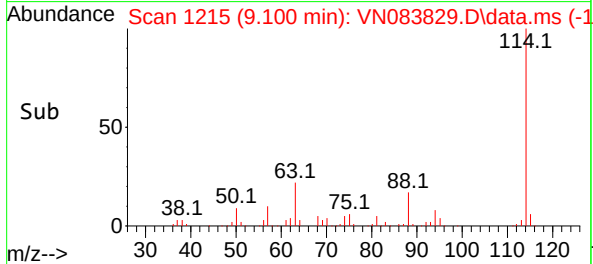
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



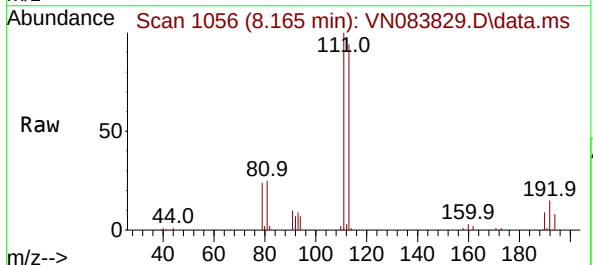
Tgt Ion:114 Resp: 29487
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.4
88 17.5 0.0 32.6

Manual Integrations
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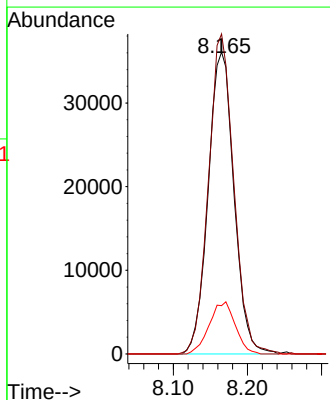
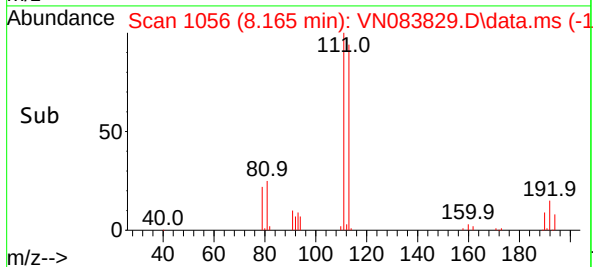
Reviewed By :John Carlone 09/13/2024
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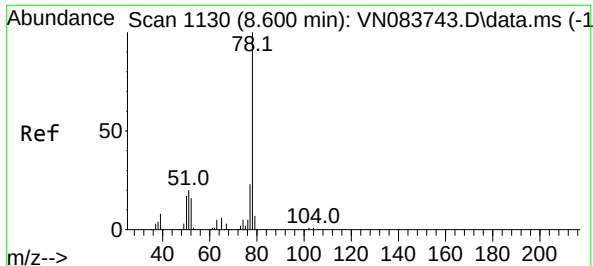


#35
Dibromofluoromethane
Concen: 46.232 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17



Tgt Ion:113 Resp: 87274
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 17.4 14.3 21.5





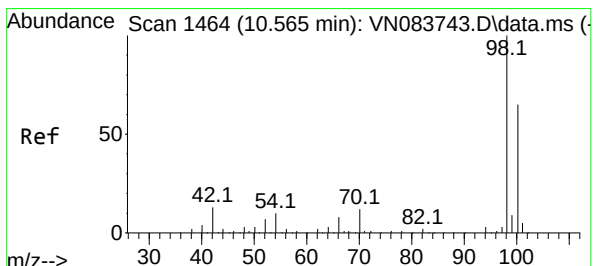
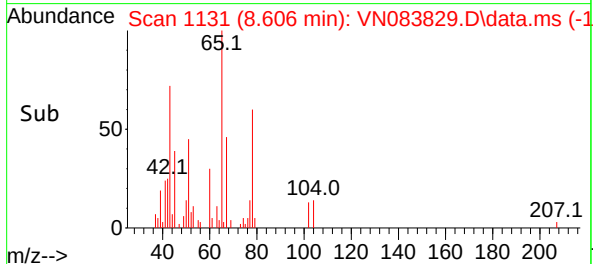
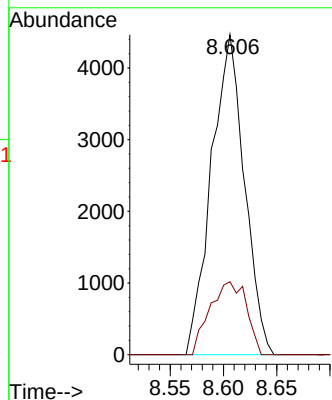
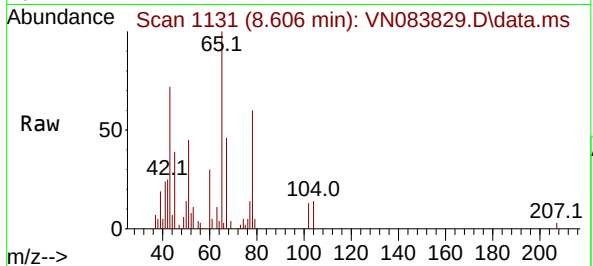
#40
Benzene
Concen: 1.127 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE

Tgt Ion: 78 Resp: 963
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

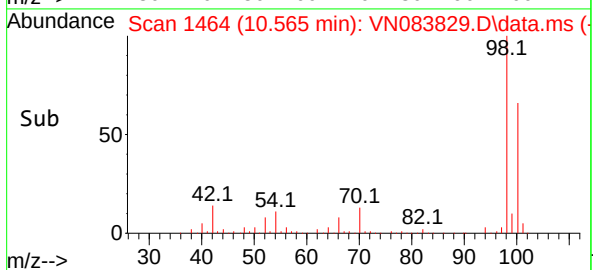
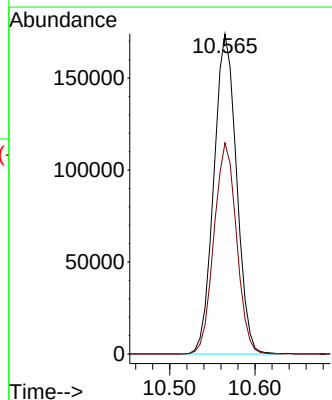
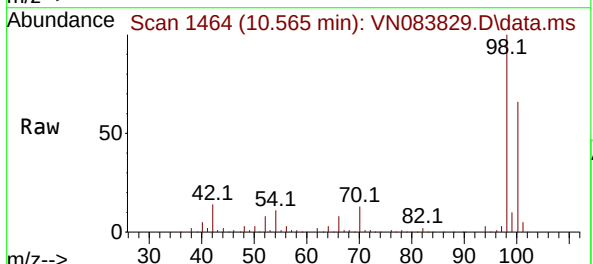
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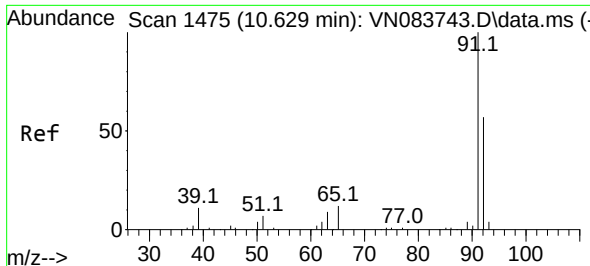
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#50
Toluene-d8
Concen: 49.285 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

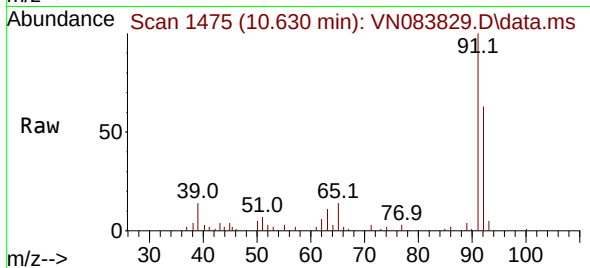
Tgt Ion: 98 Resp: 321630
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#52
Toluene
Concen: 3.468 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

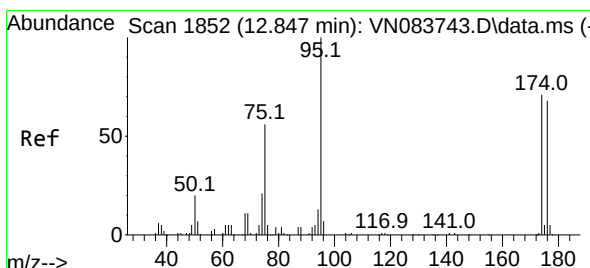
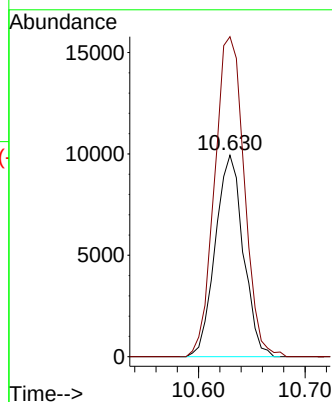
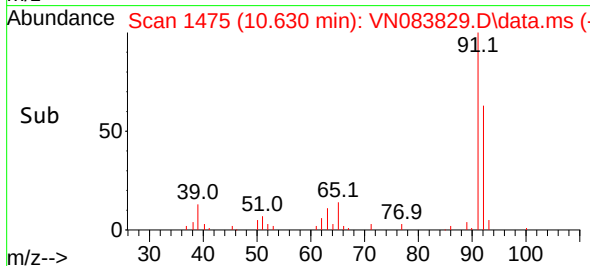
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion: 92 Resp: 1814
Ion Ratio Lower Upper
92 100
91 167.9 134.7 202.1

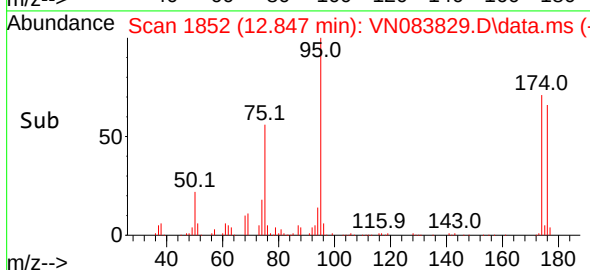
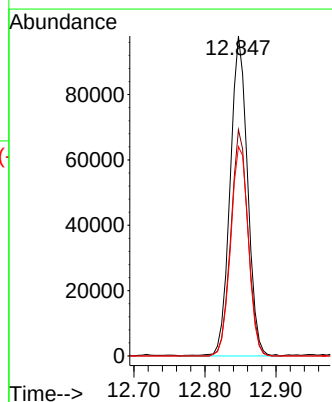
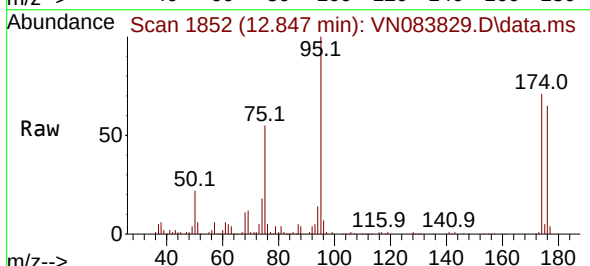
Manual Integrations
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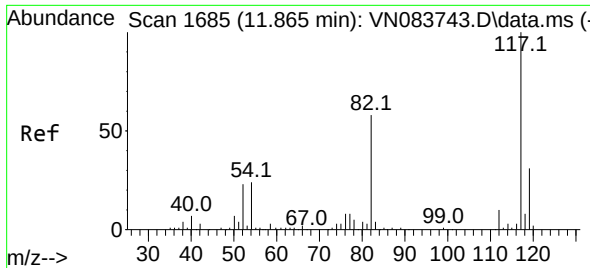
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#62
4-Bromofluorobenzene
Concen: 61.959 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

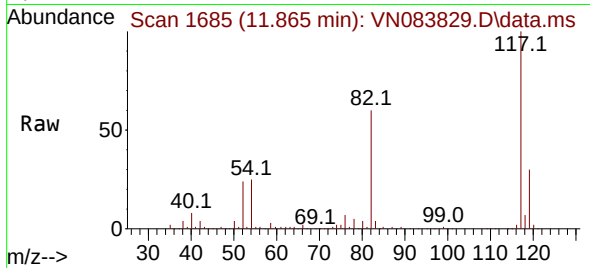
Tgt Ion: 95 Resp: 166822
Ion Ratio Lower Upper
95 100
174 69.5 0.0 139.8
176 66.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

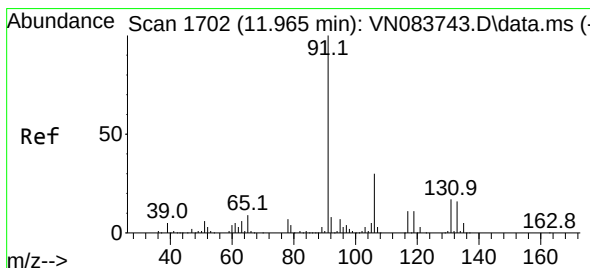
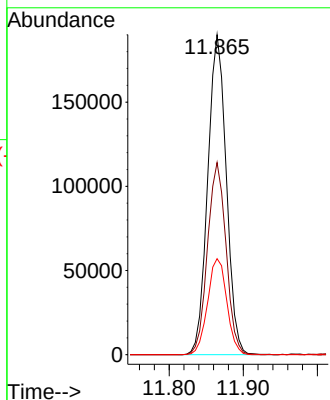
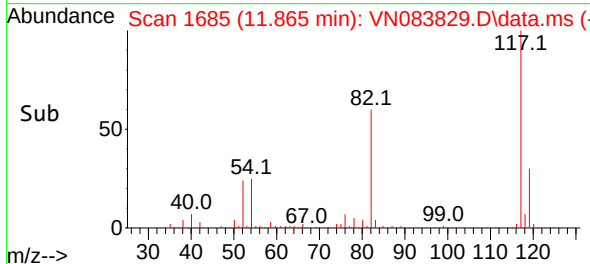
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion:117 Resp: 330329
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.0
119 30.0 26.3 39.5

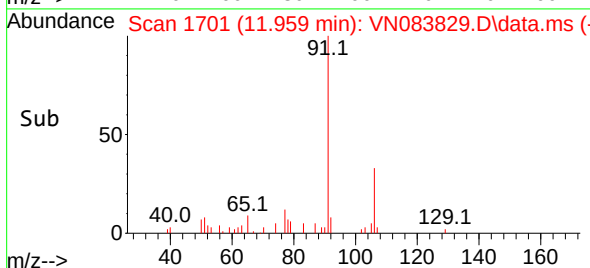
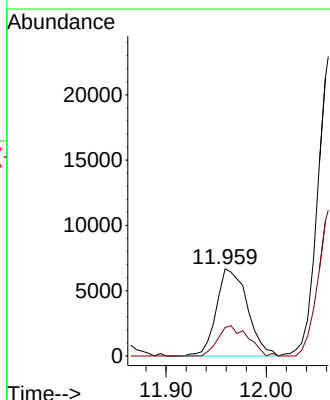
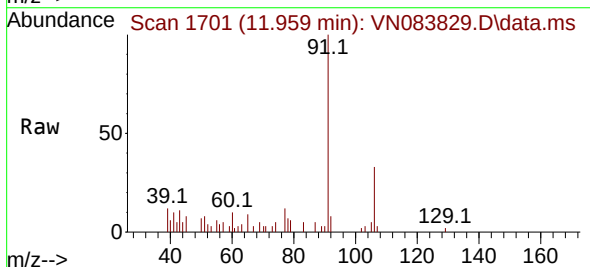
Manual Integrations
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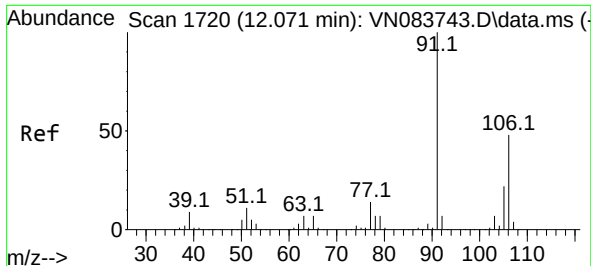
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#67
Ethyl Benzene
Concen: 1.098 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

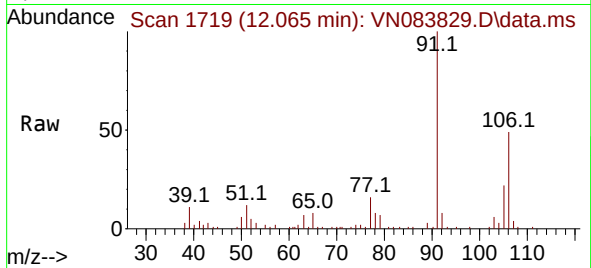
Tgt Ion: 91 Resp: 14314
Ion Ratio Lower Upper
91 100
106 32.7 24.3 36.5





#68
m/p-Xylenes
Concen: 4.452 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

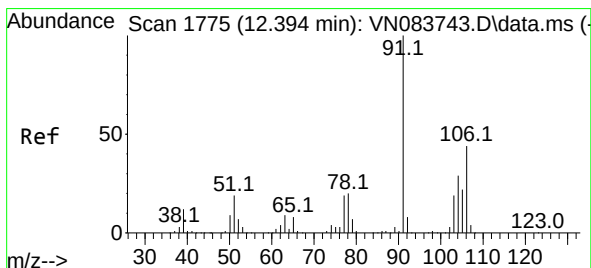
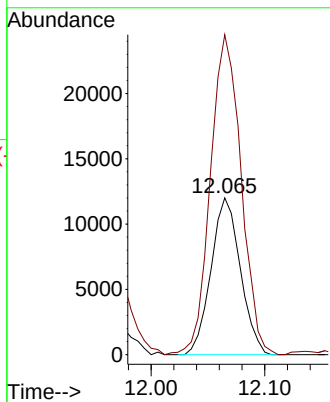
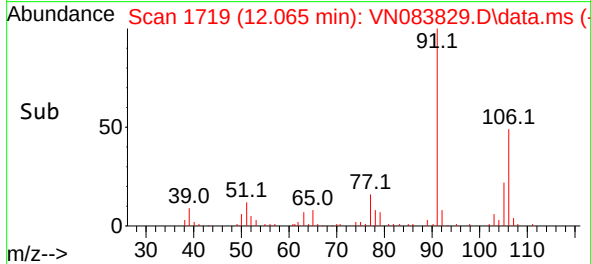
Instrument :
MSVOA_N
ClientSampleId :
9424-D-F-82924-DRE



Tgt Ion:106 Resp: 2155
Ion Ratio Lower Upper
106 100
91 213.2 169.2 253.8

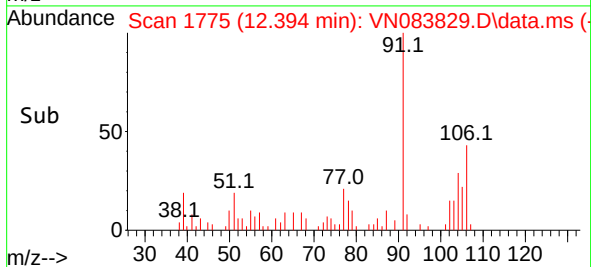
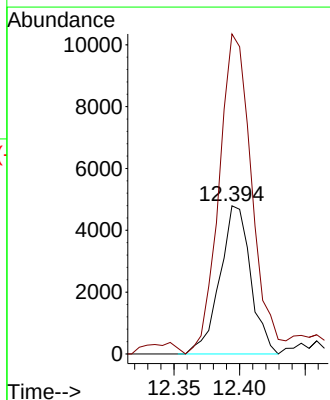
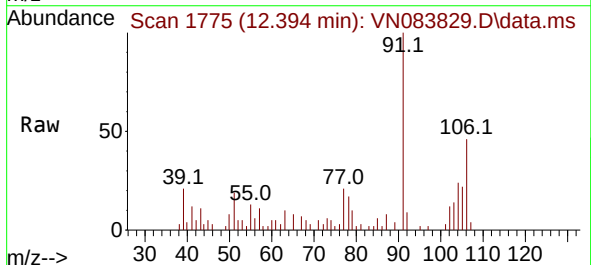
Manual Integrations
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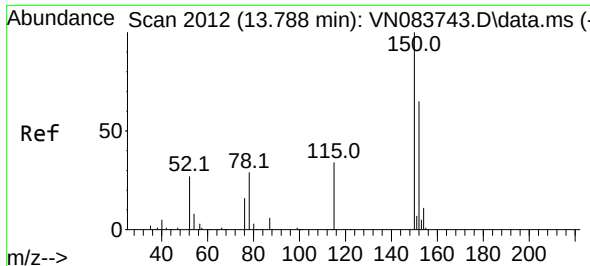
Reviewed By :John Carlone 09/13/2024
Supervised By :Mahesh Dadoda 09/13/2024



#69
o-Xylene
Concen: 1.663 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083829.D
Acq: 12 Sep 2024 14:17

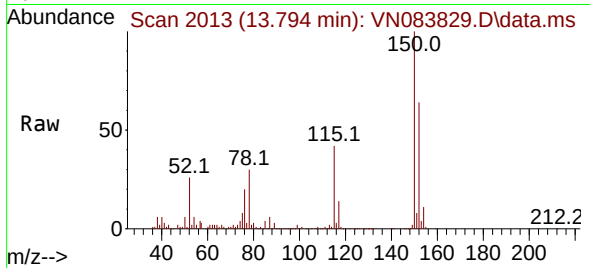
Tgt Ion:106 Resp: 7797
Ion Ratio Lower Upper
106 100
91 230.4 112.9 338.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN083829.D
 Acq: 12 Sep 2024 14:17

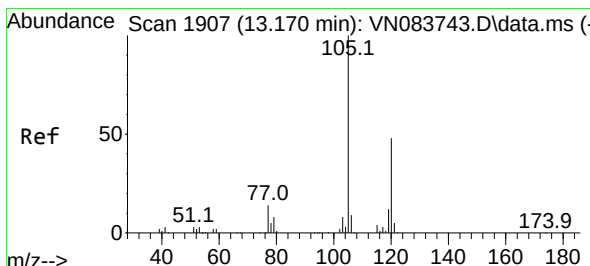
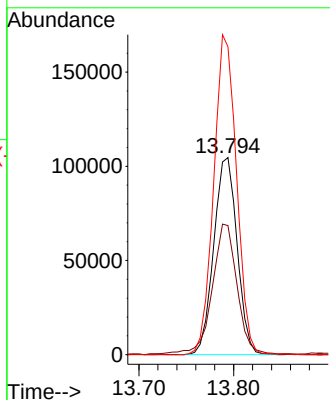
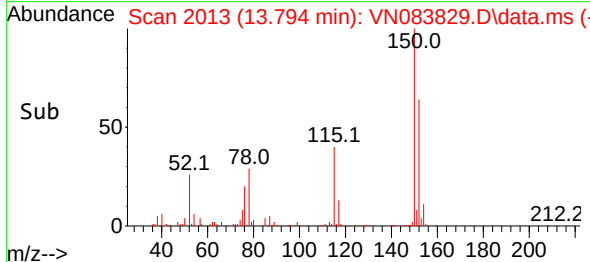
Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-DRE



Tgt Ion:152 Resp: 179489
 Ion Ratio Lower Upper
 152 100
 115 71.3 32.2 96.6
 150 158.5 0.0 348.6

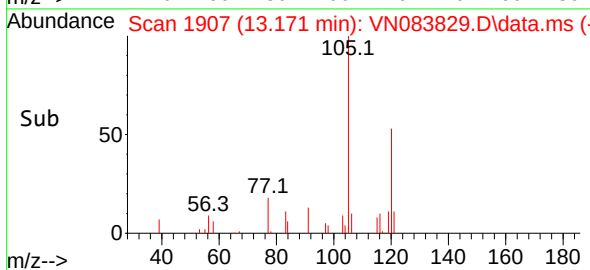
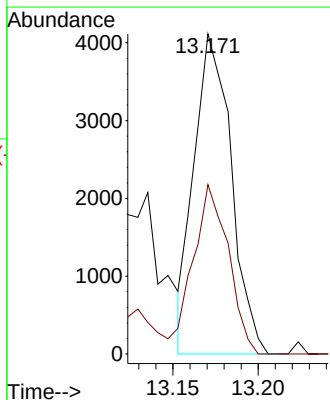
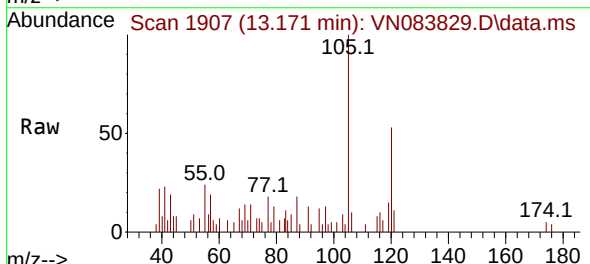
Manual Integrations
 APPROVED

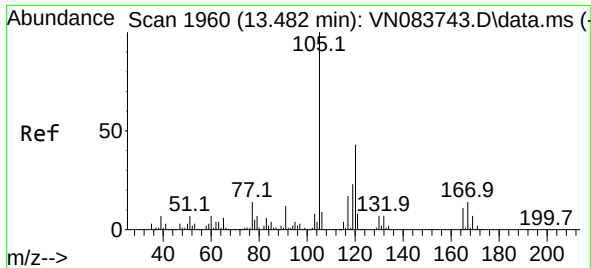
Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024



#80
 1,3,5-Trimethylbenzene
 Concen: 0.532 ug/l
 RT: 13.171 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN083829.D
 Acq: 12 Sep 2024 14:17

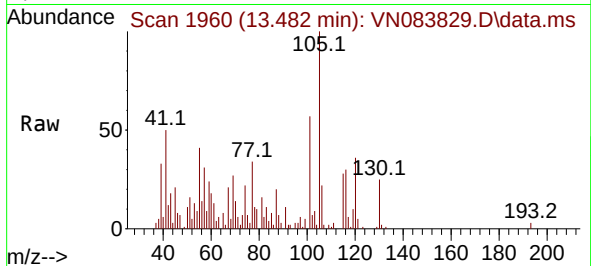
Tgt Ion:105 Resp: 6227
 Ion Ratio Lower Upper
 105 100
 120 50.4 23.4 70.3





#84
 1,2,4-Trimethylbenzene
 Concen: 2.449 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083829.D
 Acq: 12 Sep 2024 14:17

Instrument :
 MSVOA_N
 ClientSampleId :
 9424-D-F-82924-DRE



Tgt Ion:105 Resp: 28804
 Ion Ratio Lower Upper
 105 100
 120 24.3 21.8 65.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/13/2024
 Supervised By :Mahesh Dadoda 09/13/2024

