

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072216.D
 Acq On : 27 Apr 2022 15:17
 Operator : JC\MD
 Sample : N2575-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31651

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/28/2022
 Supervised By : Mahesh Dadoda 04/28/2022

Quant Time: Apr 28 06:04:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	294080	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	553933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	604585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	229033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	224229	49.666	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.340%		
35) Dibromofluoromethane	8.022	113	167534	47.253	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.500%		
50) Toluene-d8	10.439	98	741482	53.223	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.440%		
62) 4-Bromofluorobenzene	12.727	95	288162	62.316	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	124.640%		
Target Compounds						
16) Acetone	4.287	43	56100	28.821	ug/l	92
20) Methylene Chloride	5.098	84	2741m	0.735	ug/l	
25) 2-Butanone	7.339	43	20118	6.490	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	241246	37.307	ug/l	95
52) Toluene	10.504	92	767963	80.251	ug/l	99
67) Ethyl Benzene	11.839	91	88904	4.173	ug/l	95
68) m/p-Xylenes	11.945	106	147564	18.653	ug/l	89
69) o-Xylene	12.274	106	68646	8.951	ug/l	92
70) Styrene	12.292	104	17210	1.425	ug/l #	39
84) 1,2,4-Trimethylbenzene	13.363	105	16554	1.016	ug/l	92

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

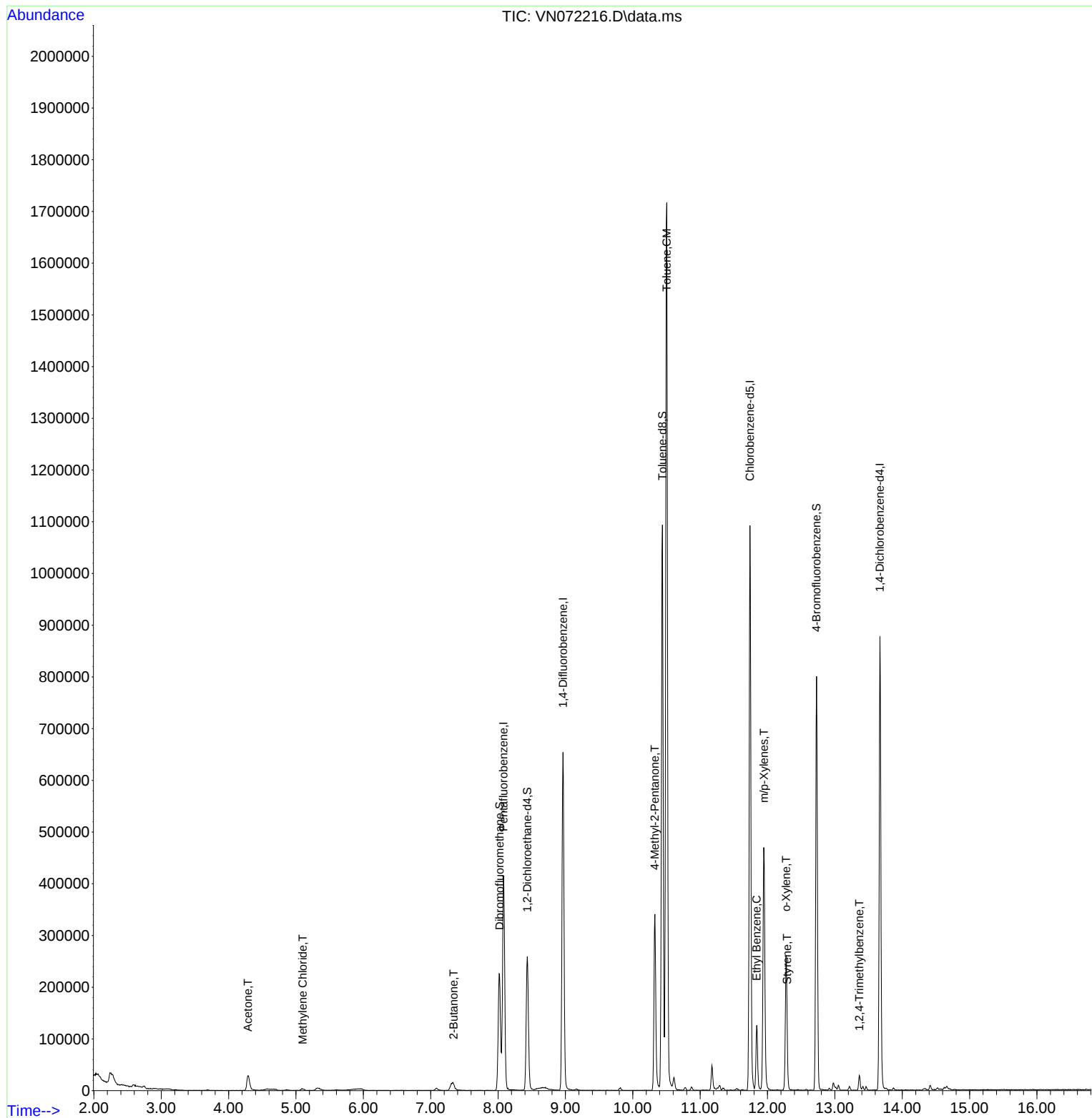
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
Data File : VN072216.D
Acq On : 27 Apr 2022 15:17
Operator : JC\MD
Sample : N2575-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

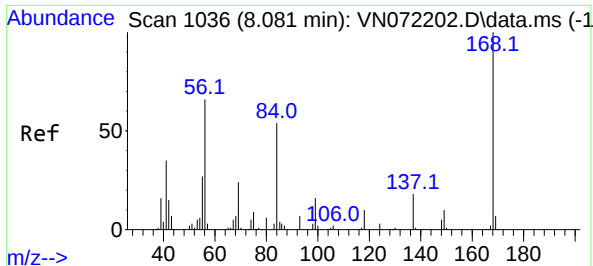
Instrument :
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ClientSampleId :
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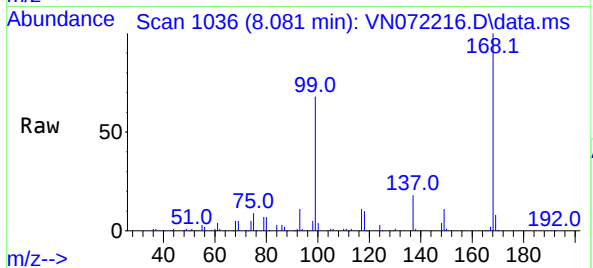
Quant Time: Apr 28 06:04:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

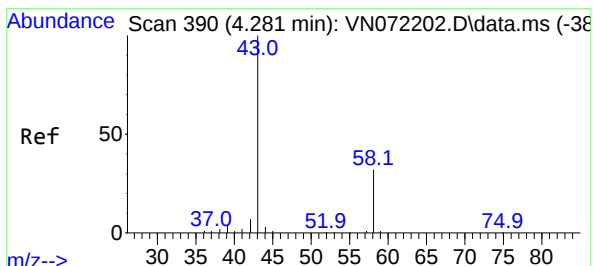
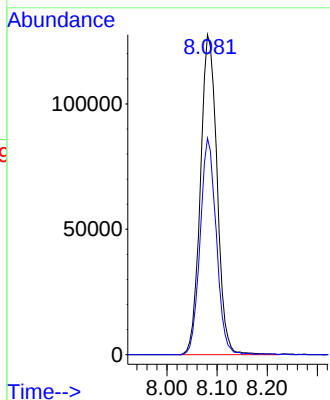
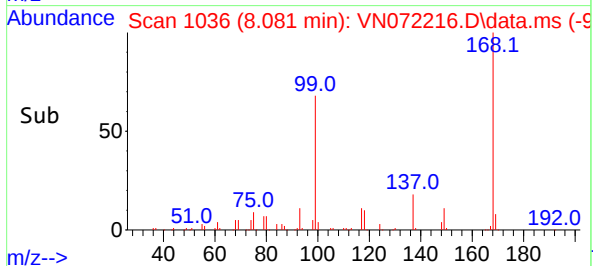
Instrument :
MSVOA_N
ClientSampleId :
31651



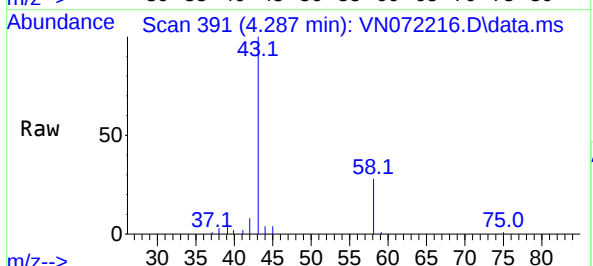
Tgt Ion:168 Resp: 294080
Ion Ratio Lower Upper
168 100
99 67.6 42.3 63.5

Manual Integrations
APPROVED

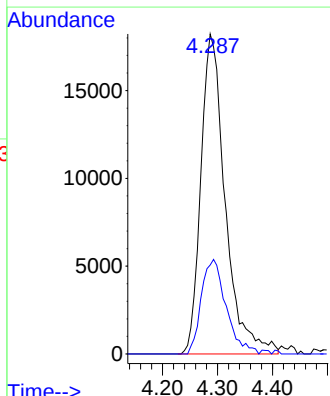
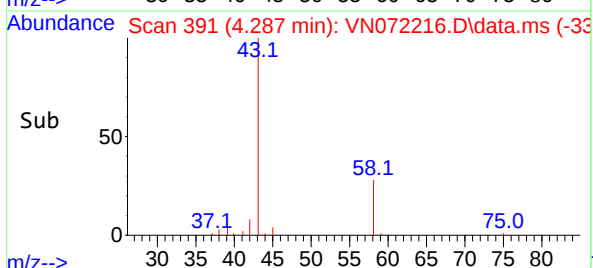
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

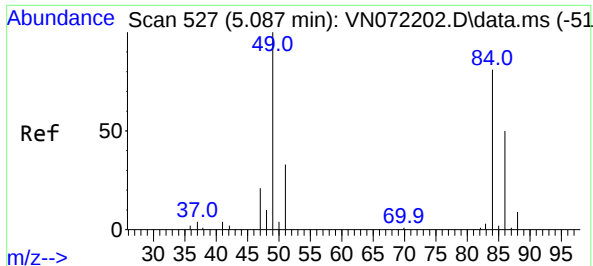


#16
Acetone
Concen: 28.821 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17



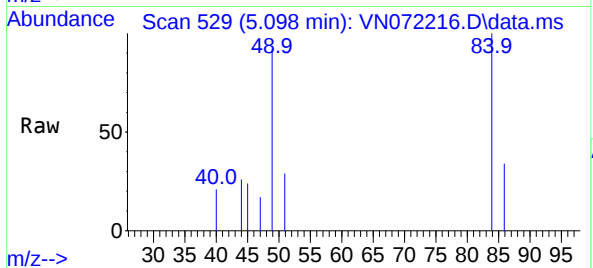
Tgt Ion: 43 Resp: 56100
Ion Ratio Lower Upper
43 100
58 27.8 26.0 39.0





#20
Methylene Chloride
Concen: 0.735 ug/l m
RT: 5.098 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

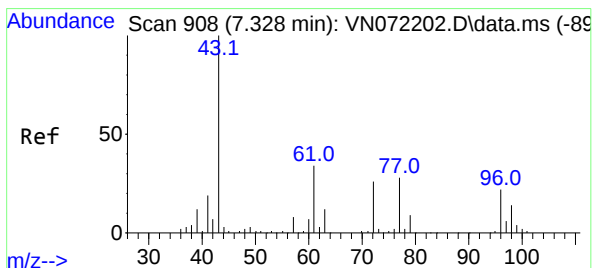
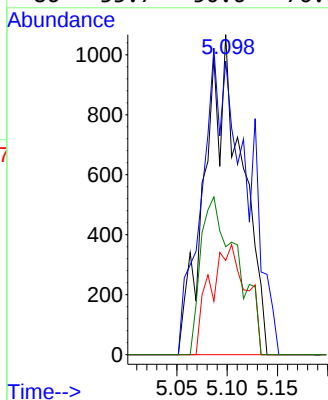
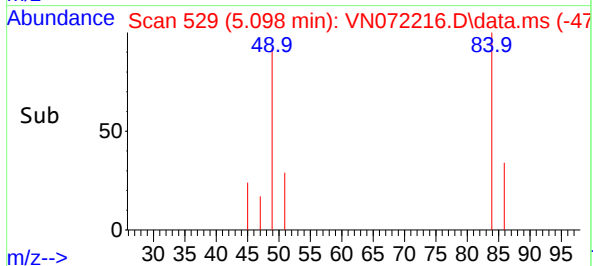
Instrument :
MSVOA_N
ClientSampleId :
31651



Tgt Ion: 84 Resp: 274
Ion Ratio Lower Upper
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49 91.8 88.3 132.5
51 29.4 28.2 42.2
86 33.7 50.6 76.0#

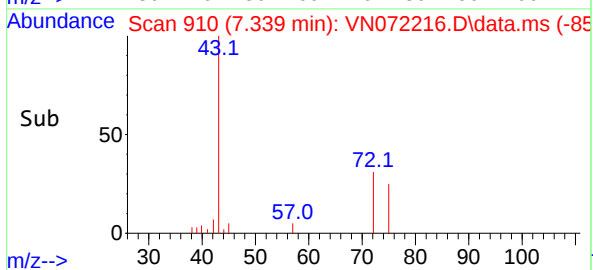
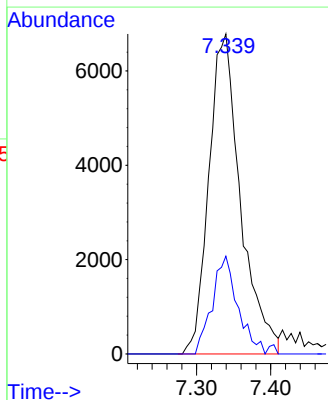
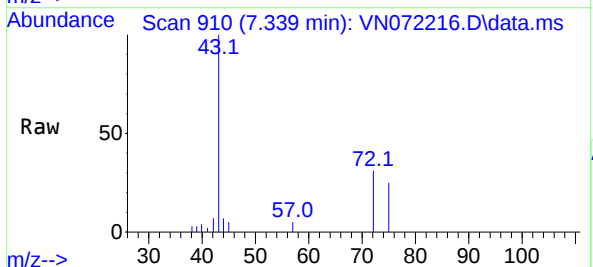
Manual Integrations
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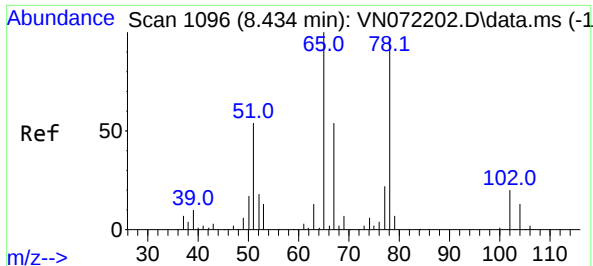
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#25
2-Butanone
Concen: 6.490 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

Tgt Ion: 43 Resp: 20118
Ion Ratio Lower Upper
43 100
72 30.6 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 49.666 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072216.D

Acq: 27 Apr 2022 15:17

Instrument :

MSVOA_N

ClientSampleId :

31651

Tgt Ion: 65 Resp: 224229

Ion Ratio Lower Upper

65 100

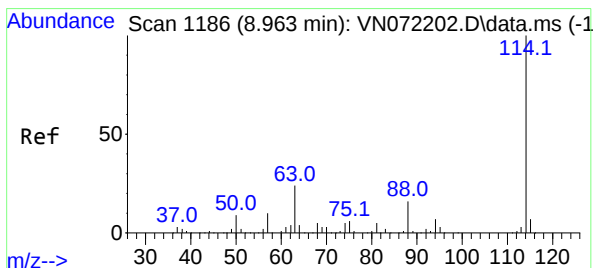
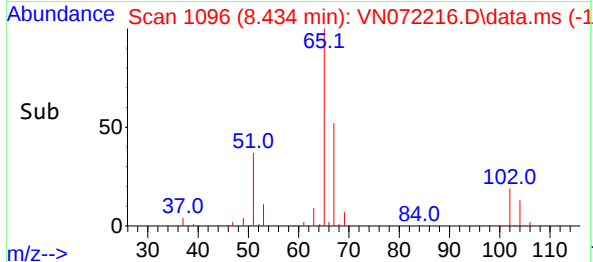
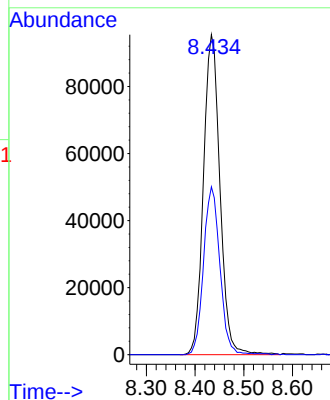
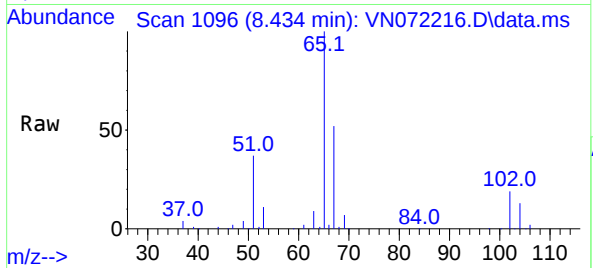
67 51.9 0.0 104.8

Manual Integrations

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Supervised By :Mahesh Dadoda 04/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072216.D

Acq: 27 Apr 2022 15:17

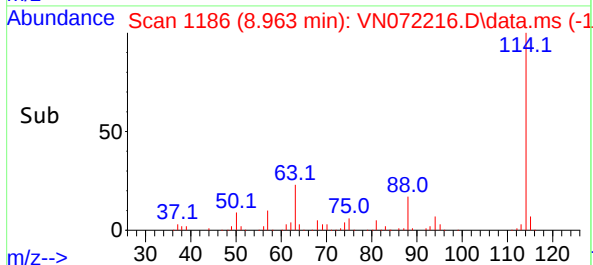
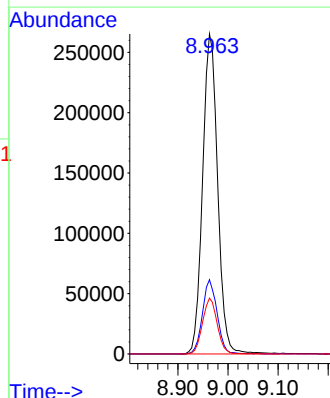
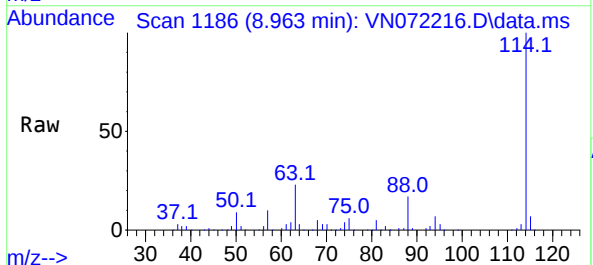
Tgt Ion:114 Resp: 553933

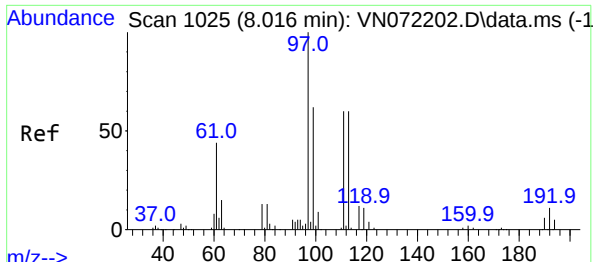
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

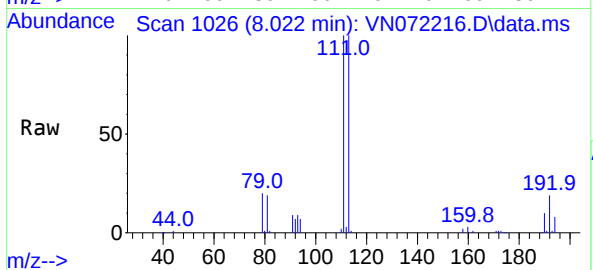
88 17.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.253 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

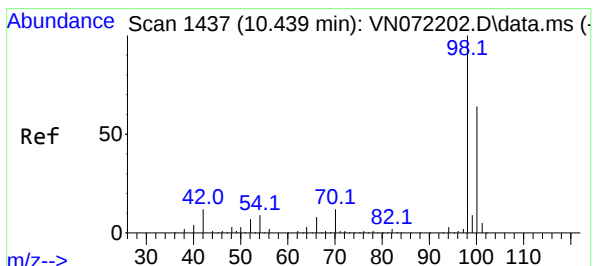
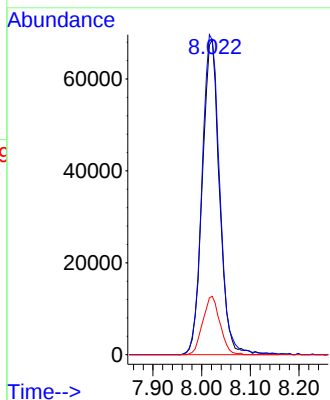
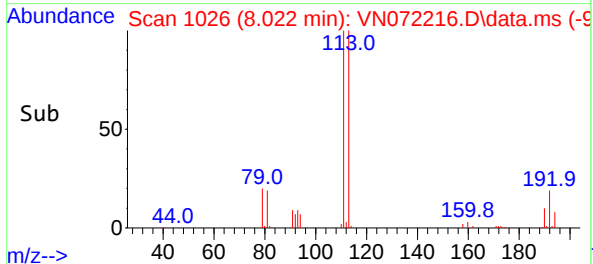
Instrument :
MSVOA_N
ClientSampleId :
31651



Tgt Ion:113 Resp: 167534
Ion Ratio Lower Upper
113 100
111 104.4 81.4 122.0
192 18.6 17.0 25.6

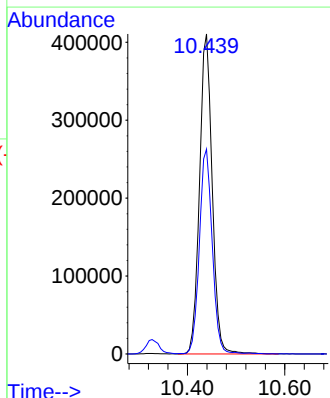
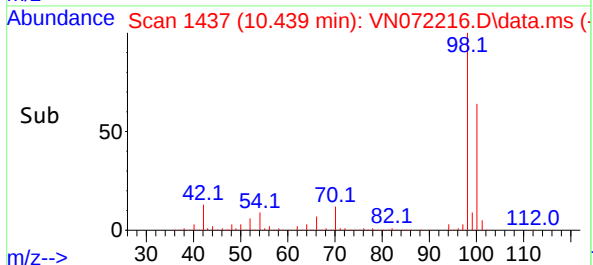
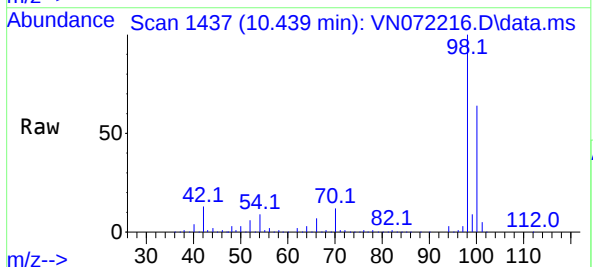
Manual Integrations
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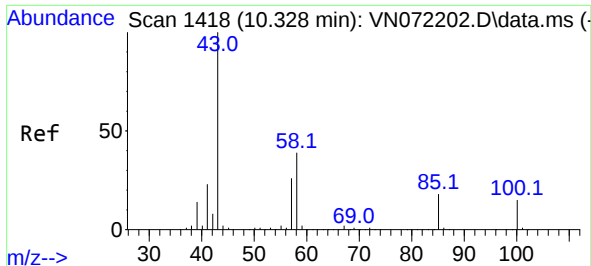
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#50
Toluene-d8
Concen: 53.223 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

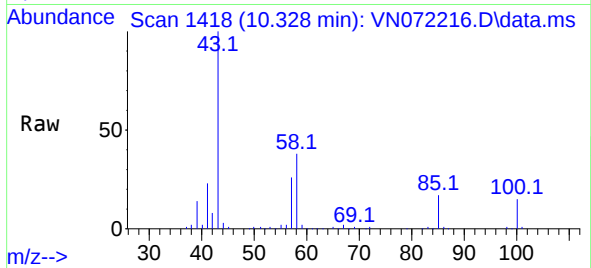
Tgt Ion: 98 Resp: 741482
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 37.307 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

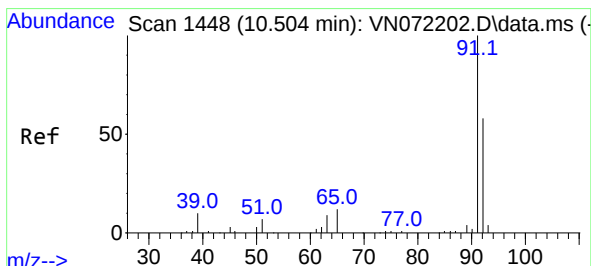
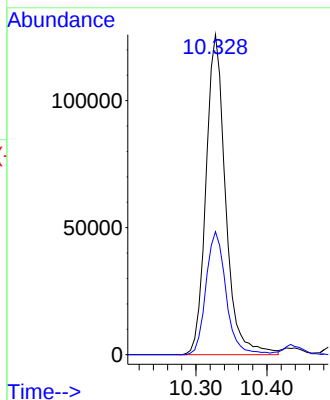
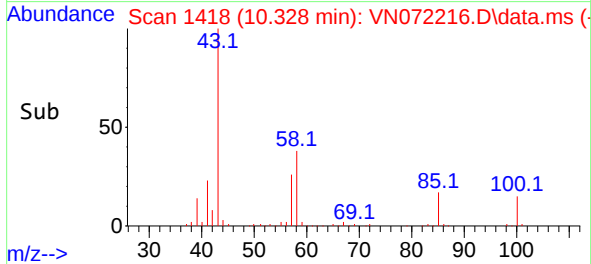
Instrument :
MSVOA_N
ClientSampleId :
31651



Tgt Ion: 43 Resp: 241240
Ion Ratio Lower Upper
43 100
58 39.4 34.1 51.1

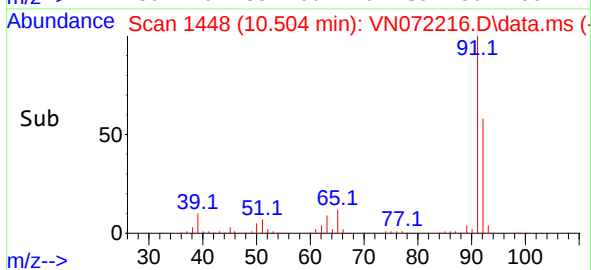
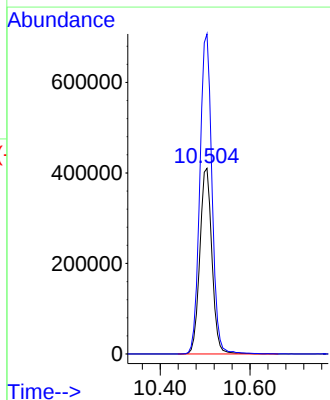
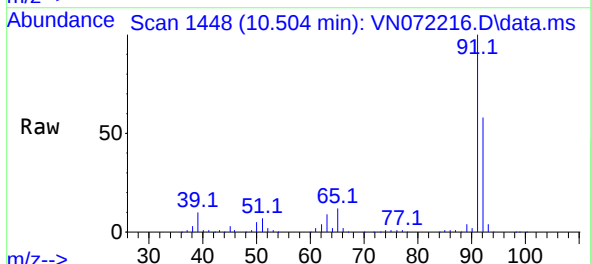
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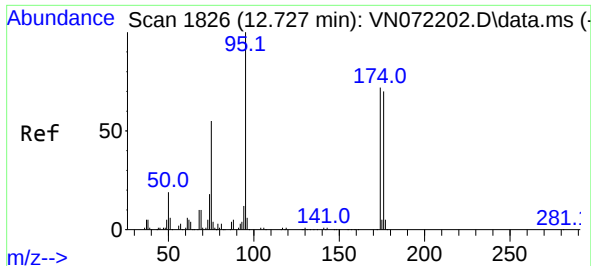
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#52
Toluene
Concen: 80.251 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

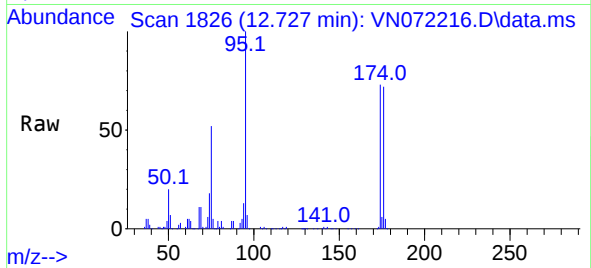
Tgt Ion: 92 Resp: 767963
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 62.316 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

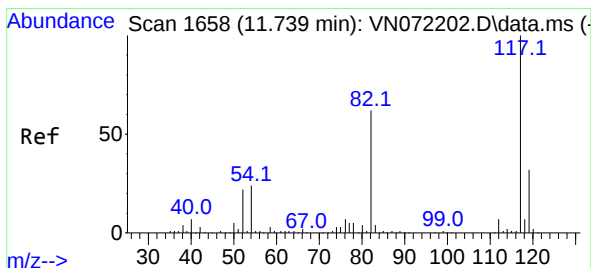
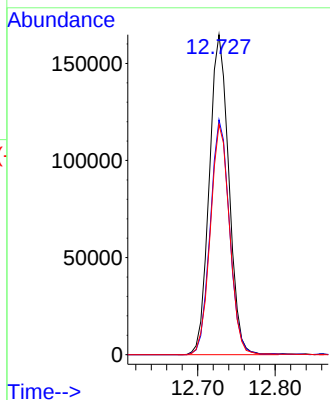
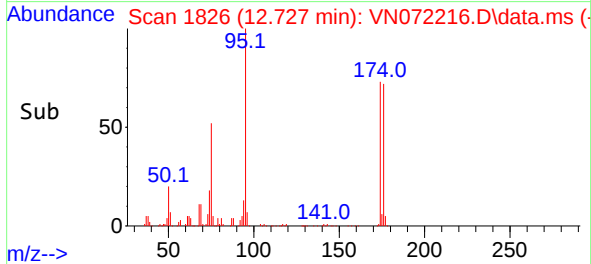
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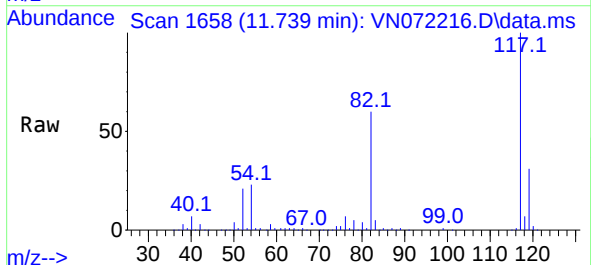
Tgt Ion: 95 Resp: 288162
Ion Ratio Lower Upper
95 100
174 72.3 0.0 167.6
176 71.0 0.0 163.4

Manual Integrations
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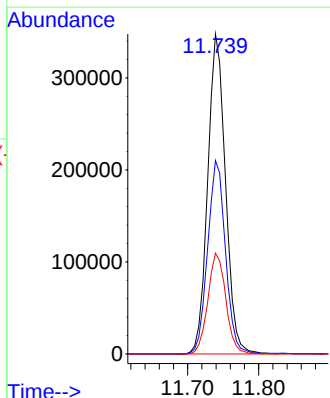
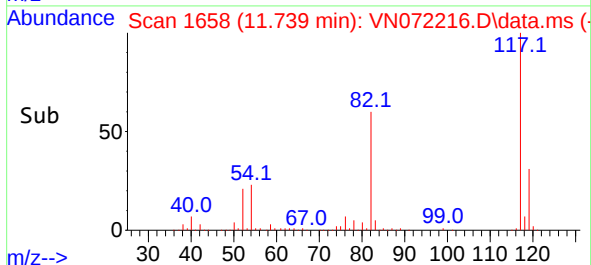
Reviewed By :John Carlone 04/28/2022
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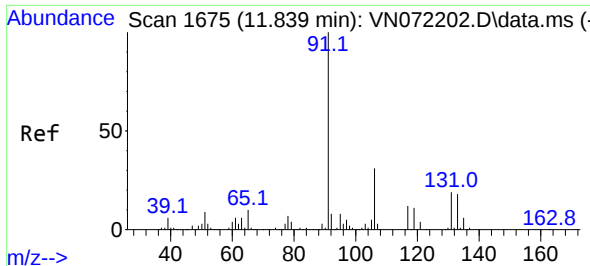


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17



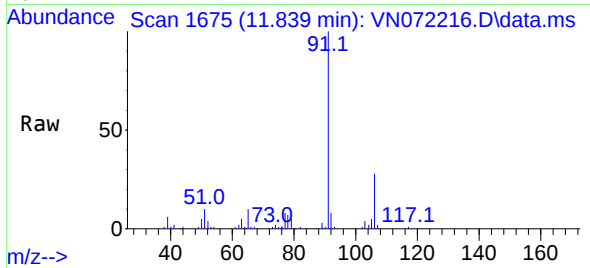
Tgt Ion:117 Resp: 604585
Ion Ratio Lower Upper
117 100
82 60.4 44.2 66.2
119 31.5 25.4 38.0





#67
Ethyl Benzene
Concen: 4.173 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

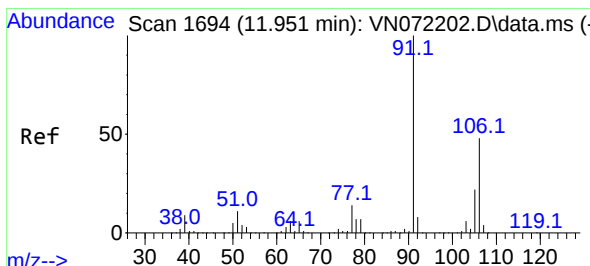
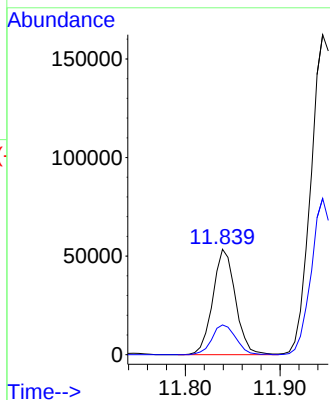
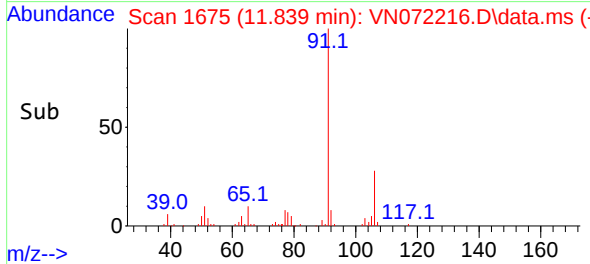
Instrument :
MSVOA_N
ClientSampleId :
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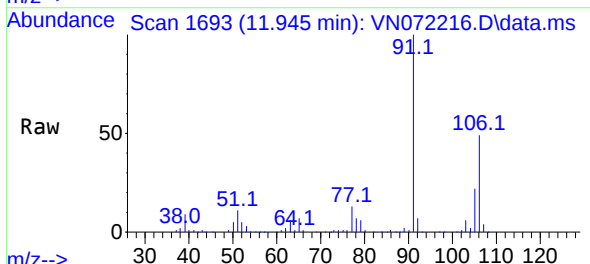
Tgt Ion: 91 Resp: 88904
Ion Ratio Lower Upper
91 100
106 28.2 24.9 37.3

Manual Integrations
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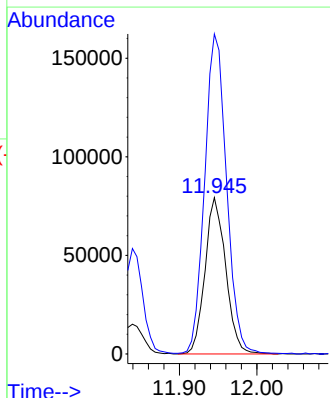
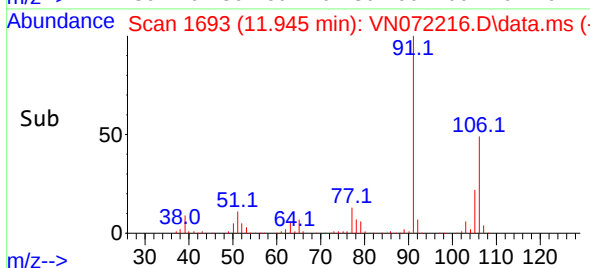
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022

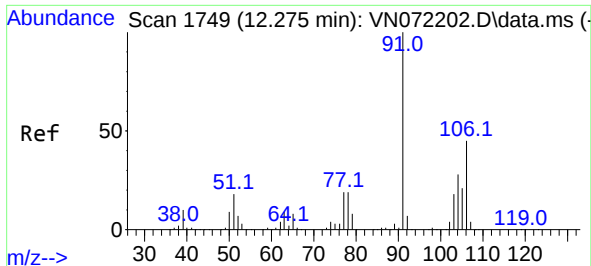


#68
m/p-Xylenes
Concen: 18.653 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17



Tgt Ion:106 Resp: 147564
Ion Ratio Lower Upper
106 100
91 215.8 158.9 238.3





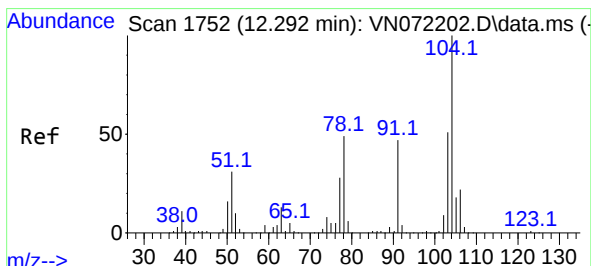
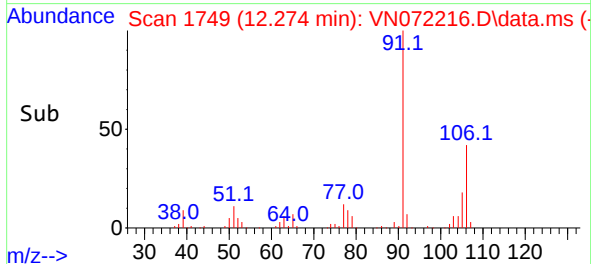
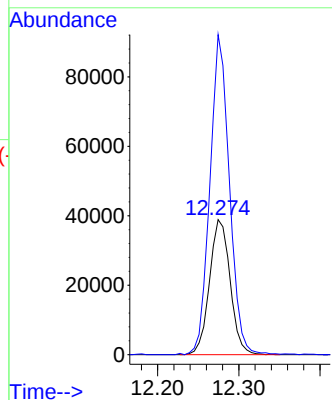
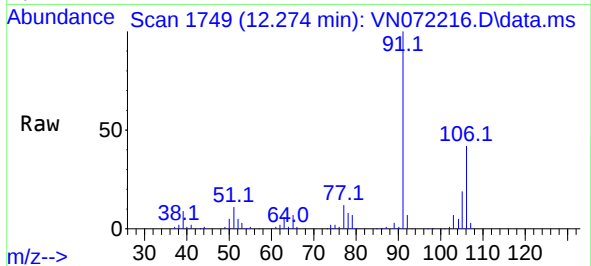
#69
o-Xylene
Concen: 8.951 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

Instrument :
MSVOA_N
ClientSampleId :
31651

Tgt Ion:106 Resp: 68640
Ion Ratio Lower Upper
106 100
91 224.2 106.0 318.0

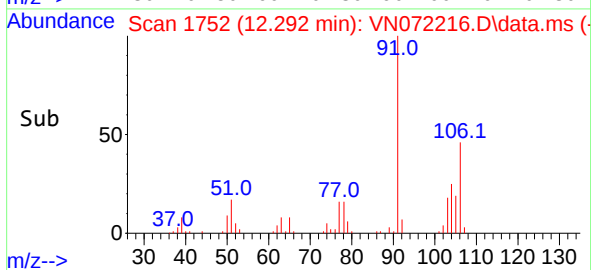
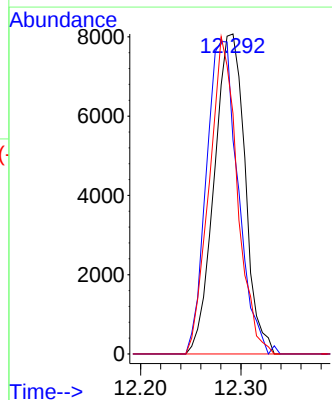
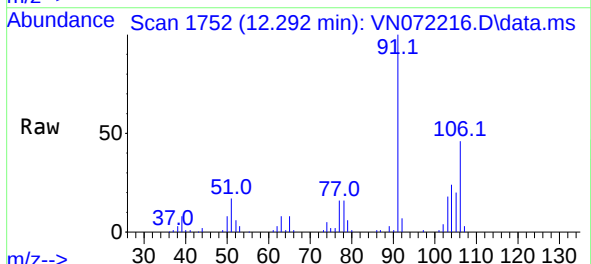
Manual Integrations
APPROVED

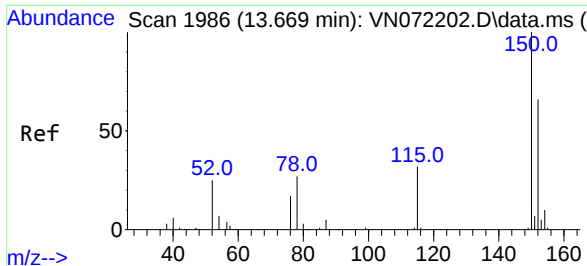
Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#70
Styrene
Concen: 1.425 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

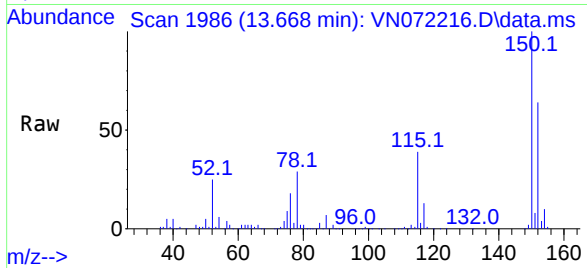
Tgt Ion:104 Resp: 17210
Ion Ratio Lower Upper
104 100
78 100.8 39.5 59.3#
103 90.6 44.0 66.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17

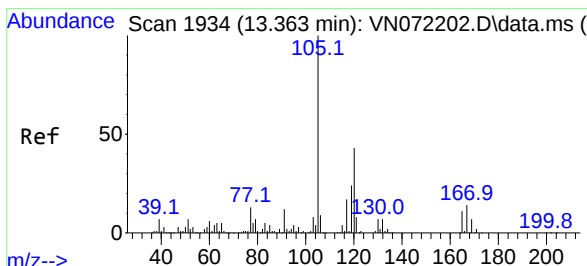
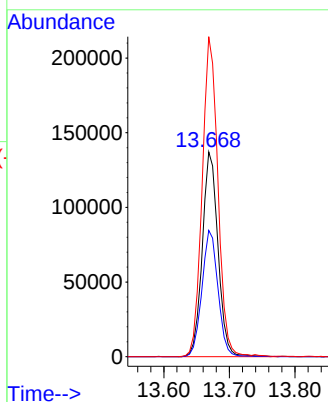
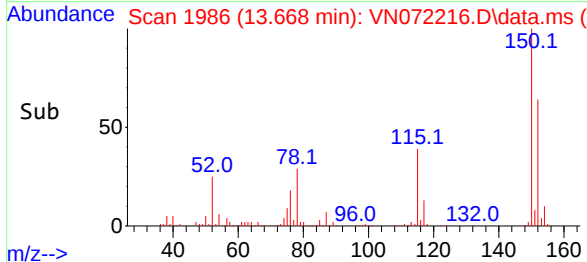
Instrument :
MSVOA_N
ClientSampleId :
31651



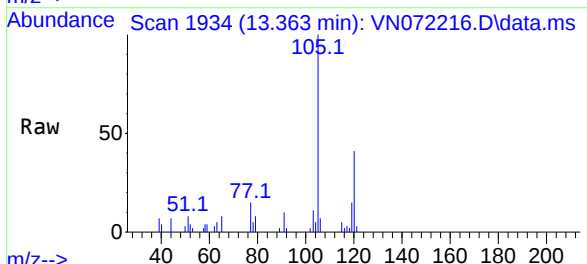
Tgt Ion:152 Resp: 22903
Ion Ratio Lower Upper
152 100
115 63.0 28.9 86.7
150 156.2 0.0 356.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/28/2022
Supervised By :Mahesh Dadoda 04/28/2022



#84
1,2,4-Trimethylbenzene
Concen: 1.016 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072216.D
Acq: 27 Apr 2022 15:17



Tgt Ion:105 Resp: 16554
Ion Ratio Lower Upper
105 100
120 40.9 23.3 69.8

