

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070048.D
 Acq On : 13 Dec 2021 23:17
 Operator : JC/MD
 Sample : M5007-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-03

Quant Time: Dec 14 07:29:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1050640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2004898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2365147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	978104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	847553	52.247	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.500%			
35) Dibromofluoromethane	8.021	113	626601	49.896	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.800%			
50) Toluene-d8	10.441	98	2710428	53.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.731	95	1164434	63.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 127.480%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.448	62	25252	1.789	ug/l #	86
16) Acetone	4.301	43	20684m	2.120	ug/l	
17) Carbon Disulfide	4.540	76	7406	0.286	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	200789	5.160	ug/l #	30
22) Diisopropyl ether	6.503	45	11891	0.270	ug/l #	89
27) cis-1,2-Dichloroethene	7.327	96	20230	1.540	ug/l	97
73) Isopropylbenzene	12.578	105	19283	0.222	ug/l	97
78) n-propylbenzene	12.921	91	30998	0.320	ug/l	95
93) 1,2,4-Trichlorobenzene	15.265	180	4553	3.145	ug/l	85
95) Naphthalene	15.507	128	19351	4.358	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.705	180	4775	2.726	ug/l	90

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

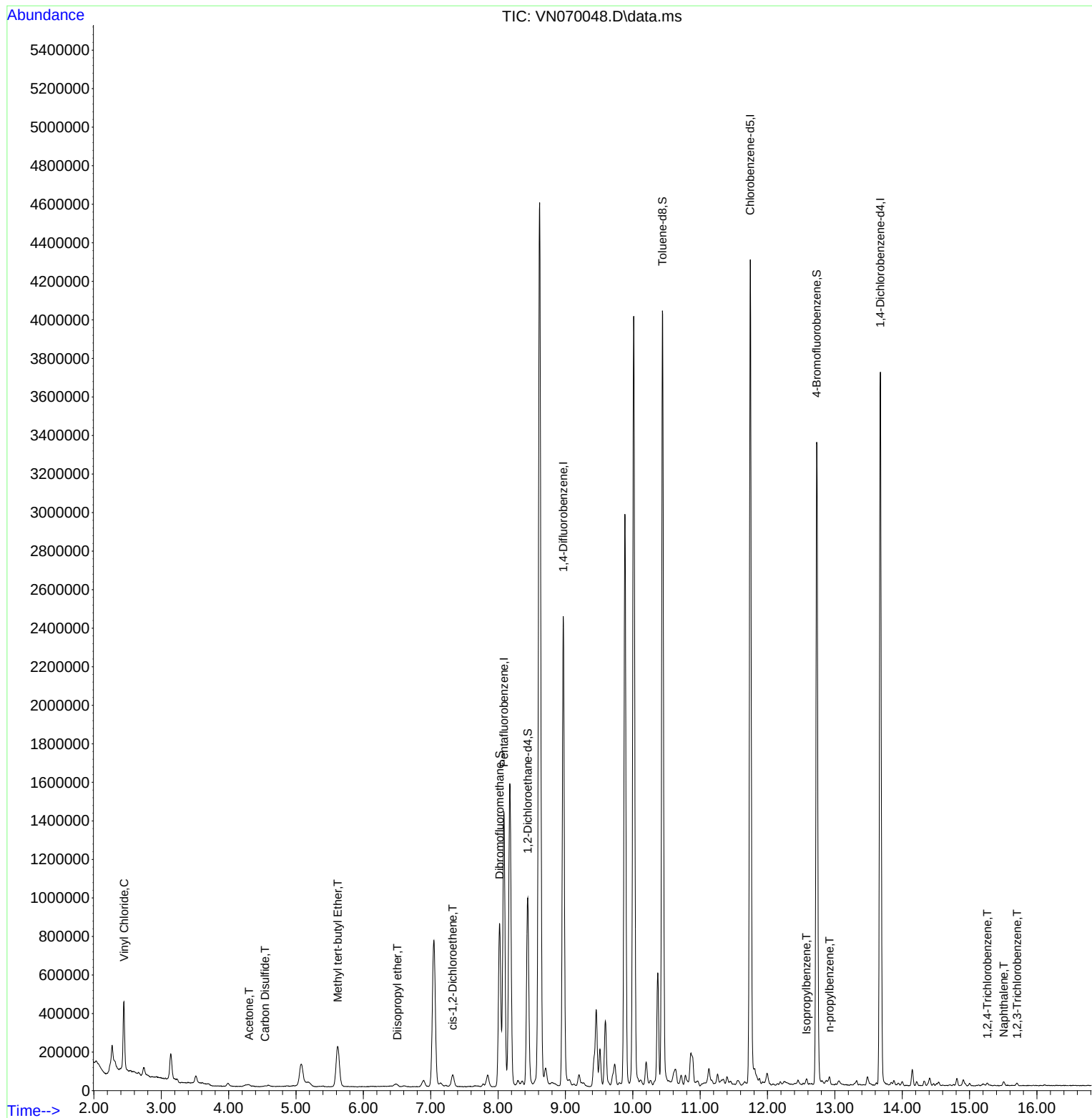
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070048.D
Acq On : 13 Dec 2021 23:17
Operator : JC/MD
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ALS Vial : 28 Sample Multiplier: 1

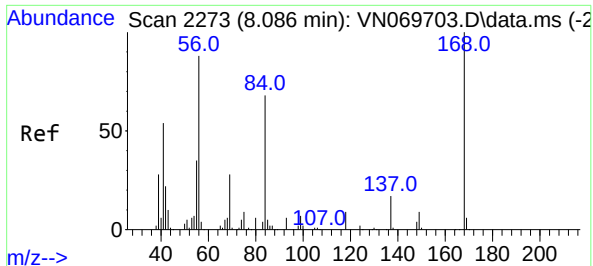
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03

Quant Time: Dec 14 07:29:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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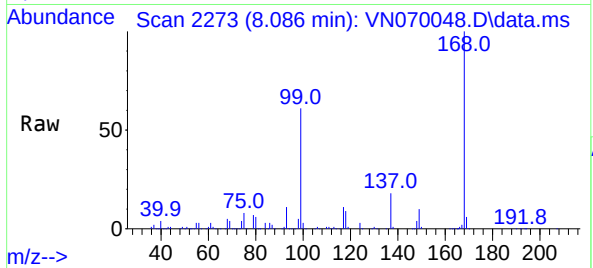
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Supervised By : Amit Patel 12/15/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

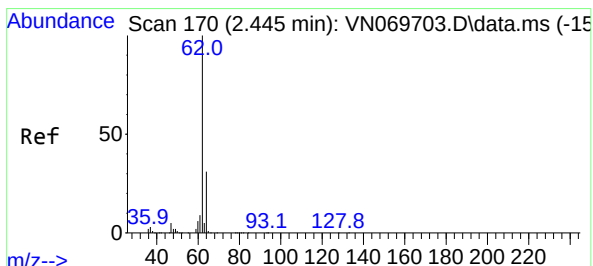
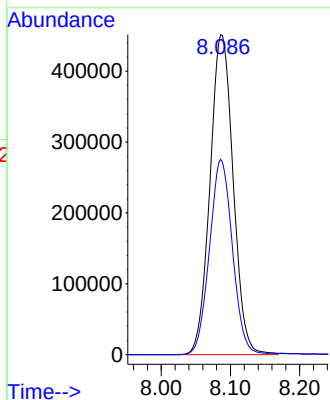
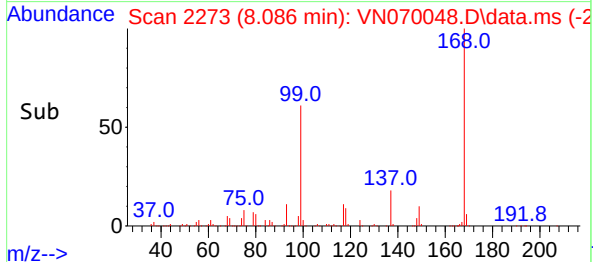
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03



Tgt Ion:168 Resp: 1050640
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9

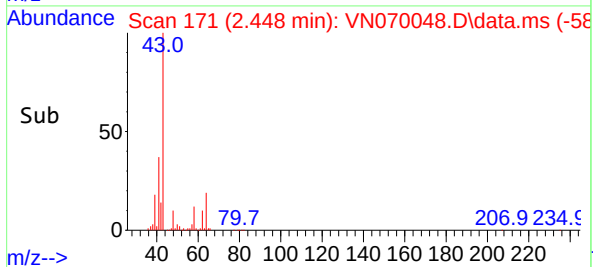
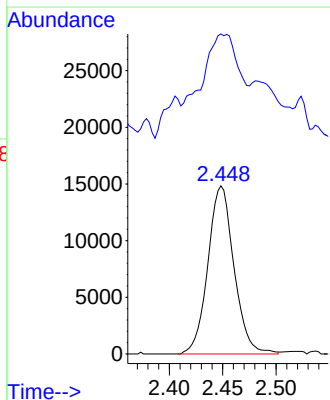
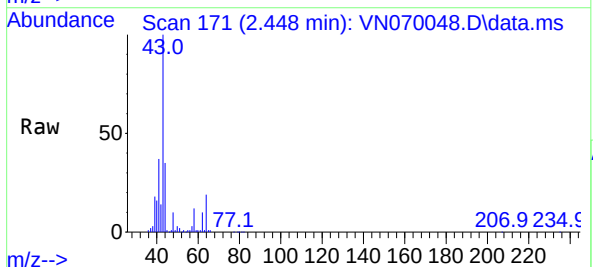
Manual Integrations
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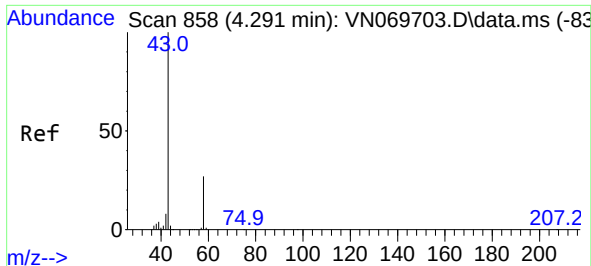
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#4
Vinyl Chloride
Concen: 1.789 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

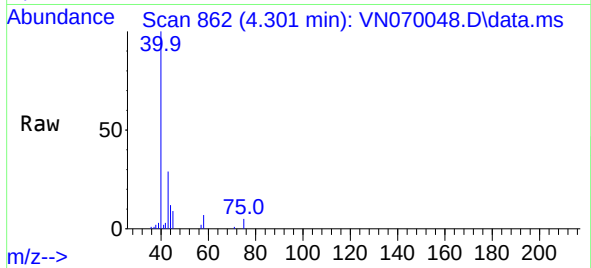
Tgt Ion: 62 Resp: 25252
Ion Ratio Lower Upper
62 100
64 40.3 25.8 38.6#





#16
Acetone
Concen: 2.120 ug/l m
RT: 4.301 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

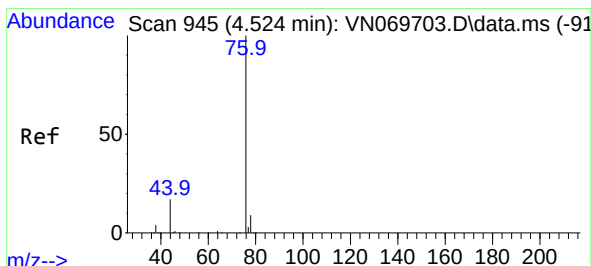
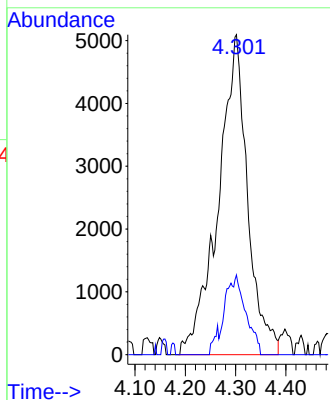
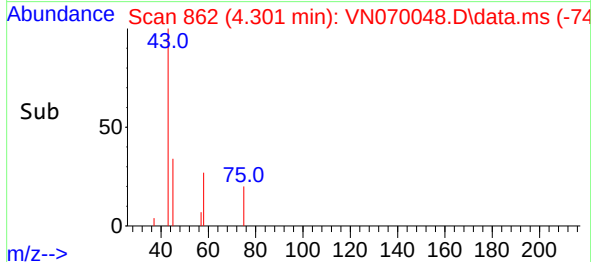
Instrument :
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ClientSampleId :
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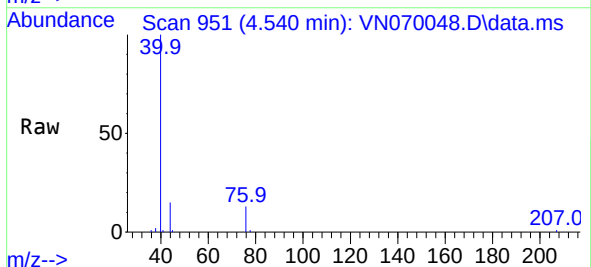
Tgt Ion: 43 Resp: 20684
Ion Ratio Lower Upper
43 100
58 24.9 23.1 34.7

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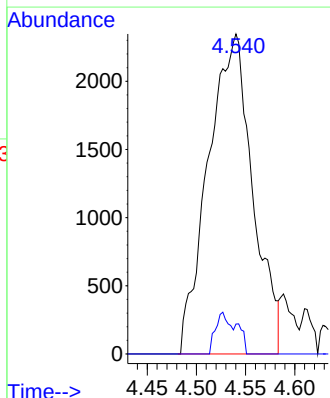
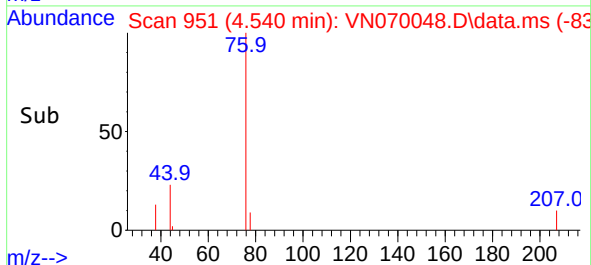
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

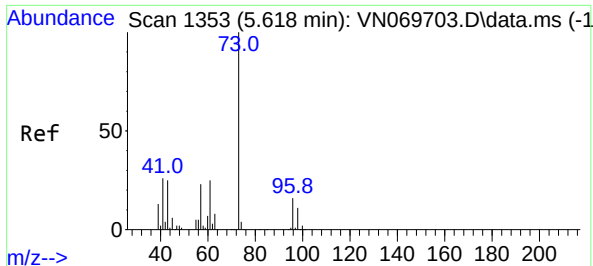


#17
Carbon Disulfide
Concen: 0.286 ug/l
RT: 4.540 min Scan# 951
Delta R.T. 0.016 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17



Tgt Ion: 76 Resp: 7406
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3





#19

Methyl tert-butyl Ether

Concen: 5.160 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN070048.D

Acq: 13 Dec 2021 23:17

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-03

Tgt Ion: 73 Resp: 200789

Ion Ratio Lower Upper

73 100

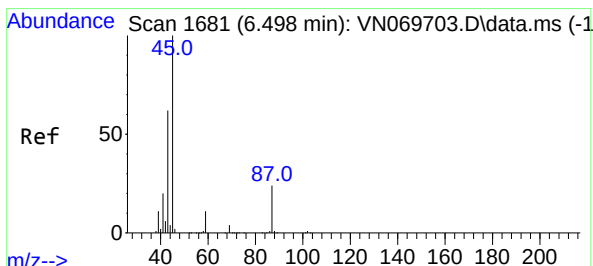
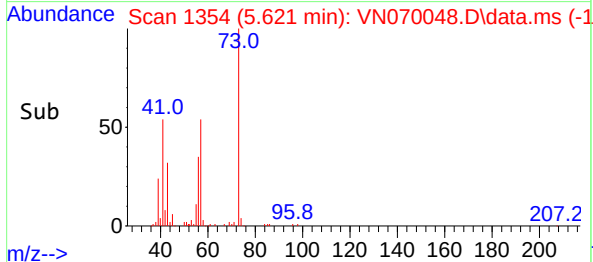
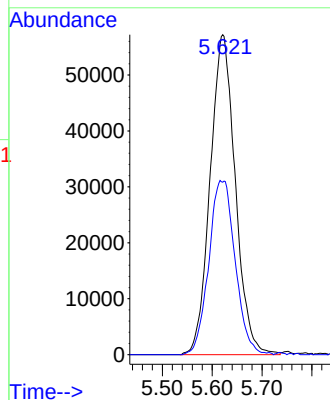
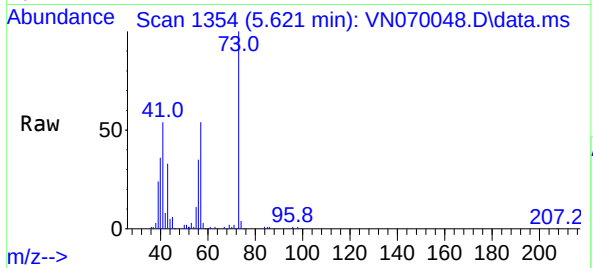
57 53.9 16.8 25.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 0.270 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.006 min

Lab File: VN070048.D

Acq: 13 Dec 2021 23:17

Tgt Ion: 45 Resp: 11891

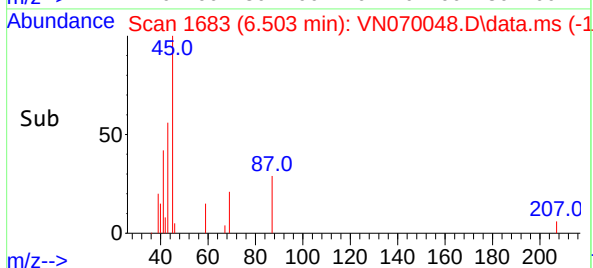
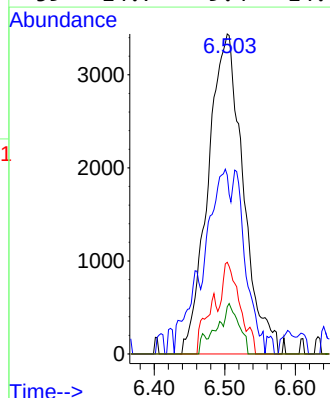
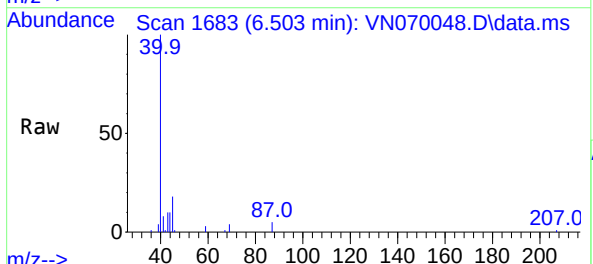
Ion Ratio Lower Upper

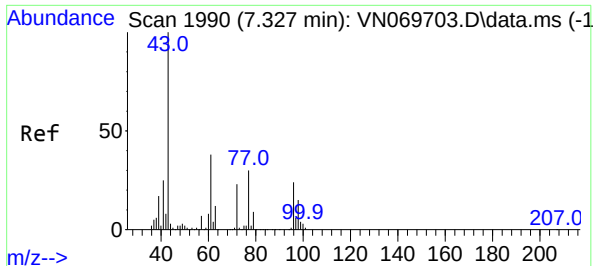
45 100

43 51.4 51.7 77.5#

87 28.7 23.2 34.8

59 14.7 9.4 14.0#





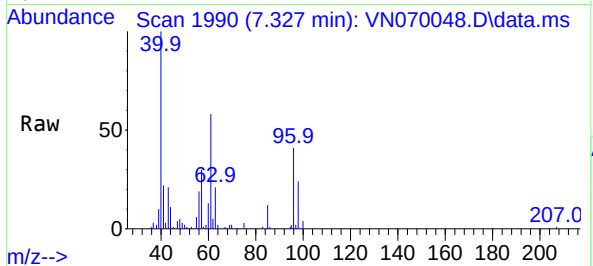
#27
 cis-1,2-Dichloroethene
 Concen: 1.540 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070048.D
 Acq: 13 Dec 2021 23:17

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-03

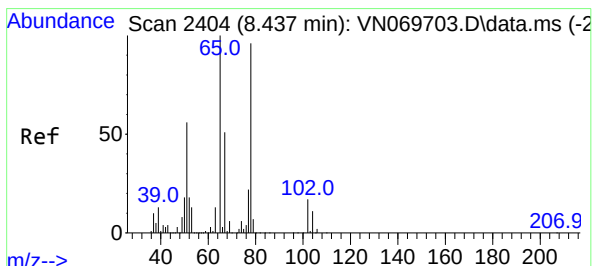
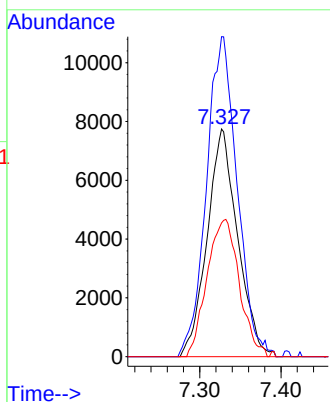
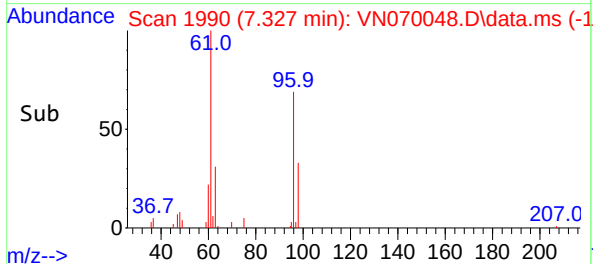


Tgt Ion: 96 Resp: 20230
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 275.0
 98 63.5 0.0 129.6

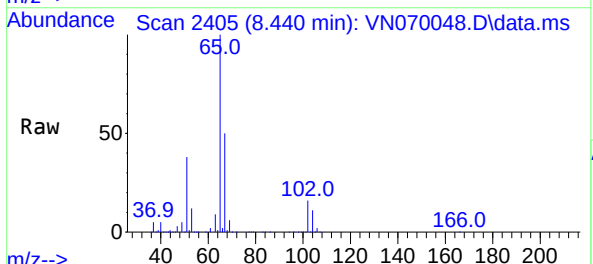
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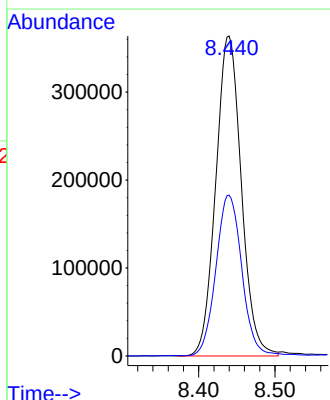
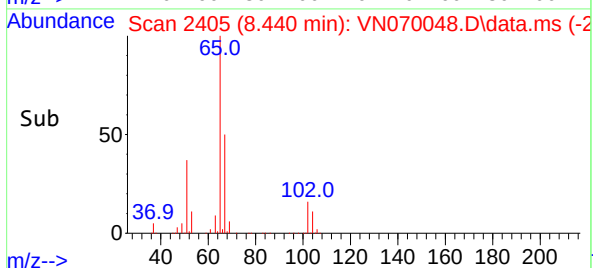
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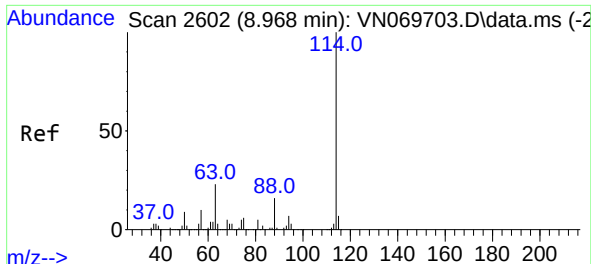


#33
 1,2-Dichloroethane-d4
 Concen: 52.247 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN070048.D
 Acq: 13 Dec 2021 23:17



Tgt Ion: 65 Resp: 847553
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2004898
Delta R.T. 0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

Instrument :

MSVOA_N

ClientSampleId :

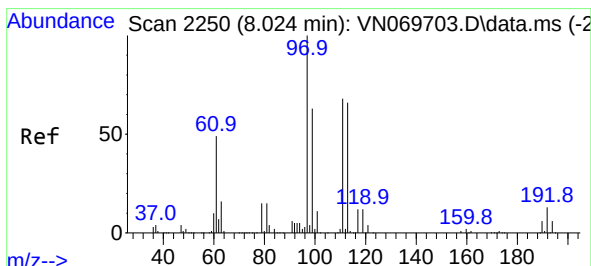
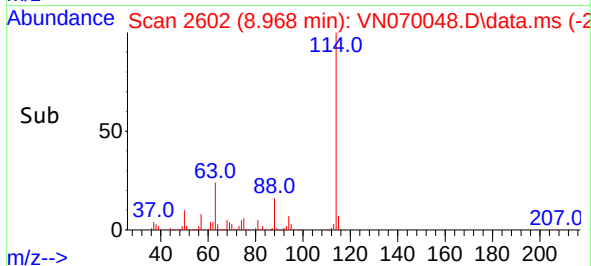
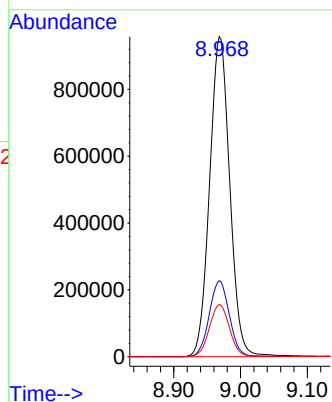
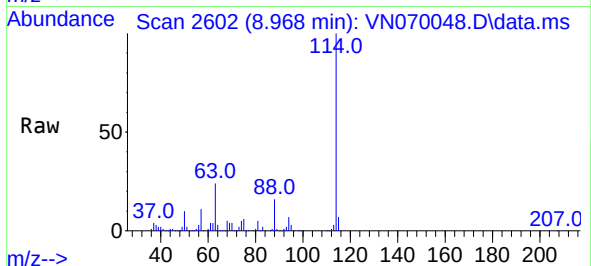
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Tgt Ion:114 Resp: 2004898
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4

Manual Integrations

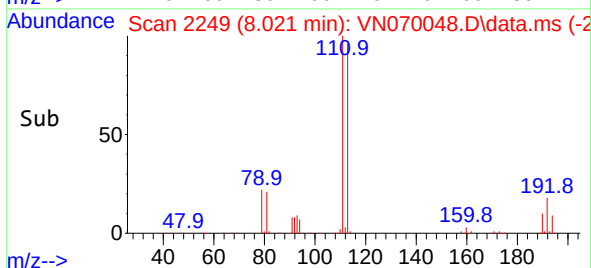
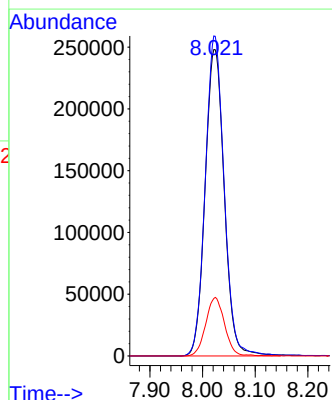
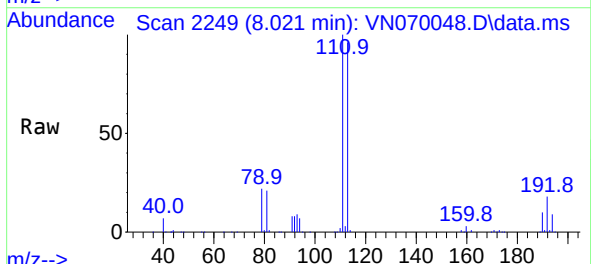
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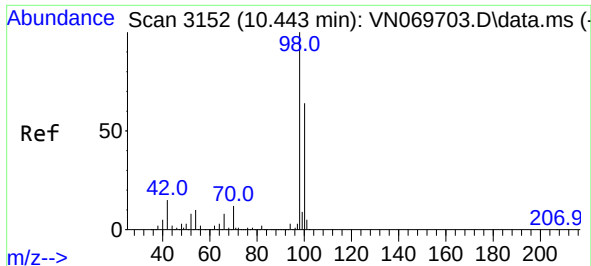
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#35
Dibromofluoromethane
Concen: 49.896 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

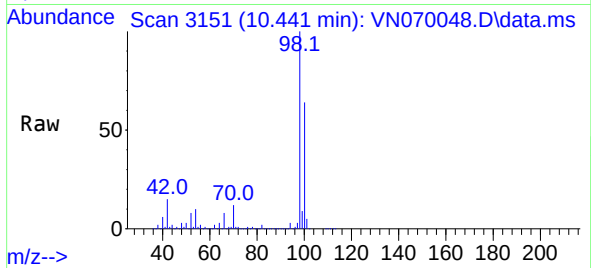
Tgt Ion:113 Resp: 626601
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 18.7 16.9 25.3





#50
Toluene-d8
Concen: 53.751 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

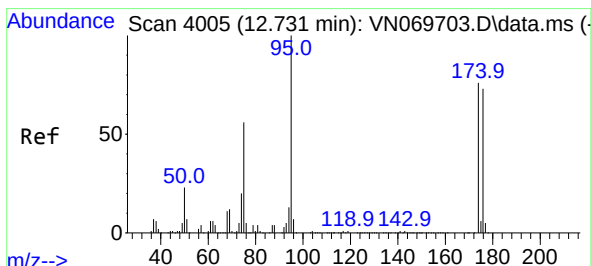
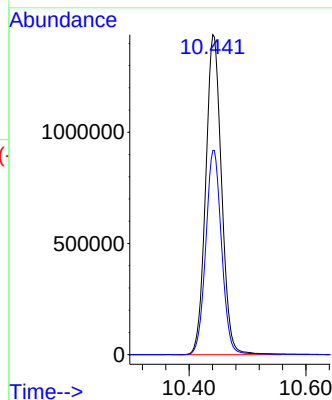
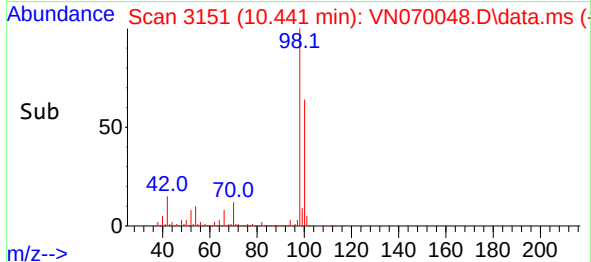
Instrument :
MSVOA_N
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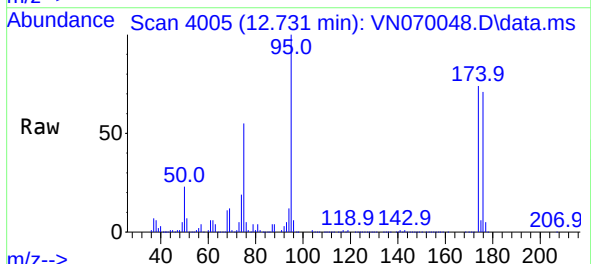
Tgt Ion: 98 Resp: 2710428
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

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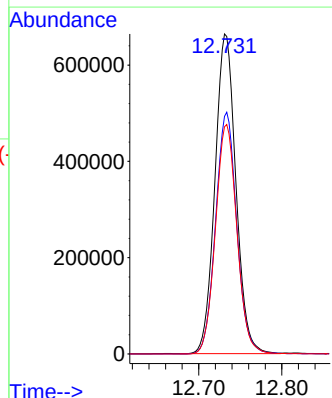
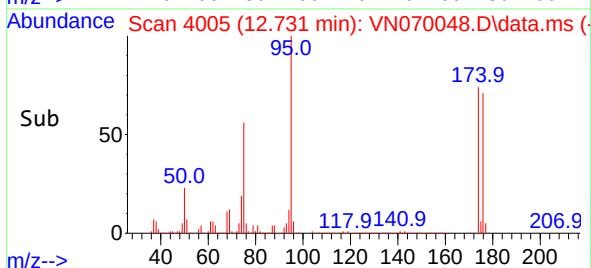
Reviewed By :John Carlone 12/14/2021
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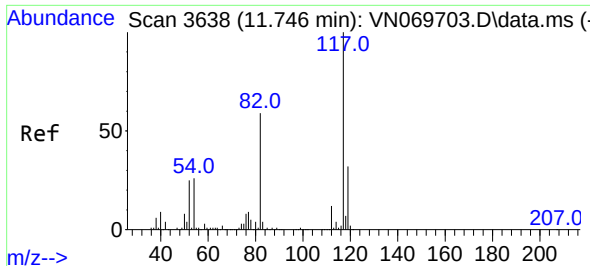


#62
4-Bromofluorobenzene
Concen: 63.741 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17



Tgt Ion: 95 Resp: 1164434
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.5 0.0 181.4





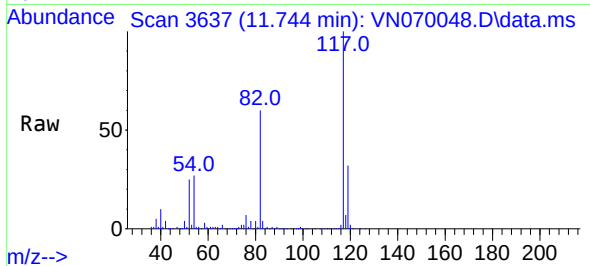
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-03

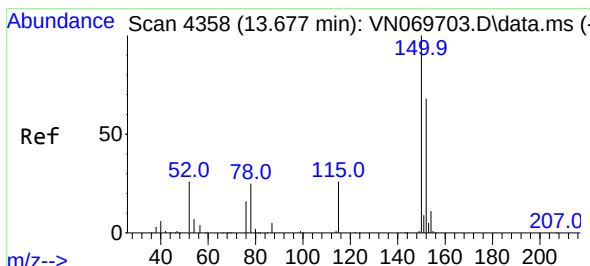
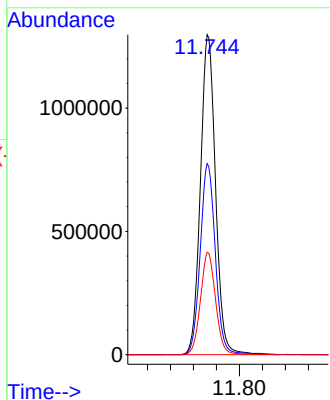
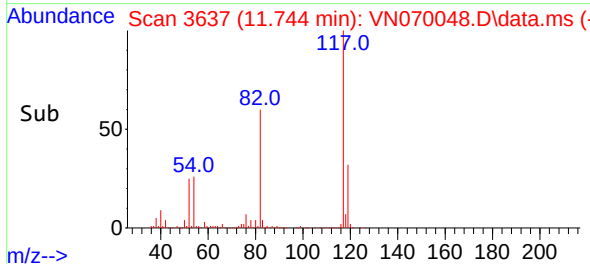


Tgt Ion:117 Resp: 236514
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.0 25.4 38.2

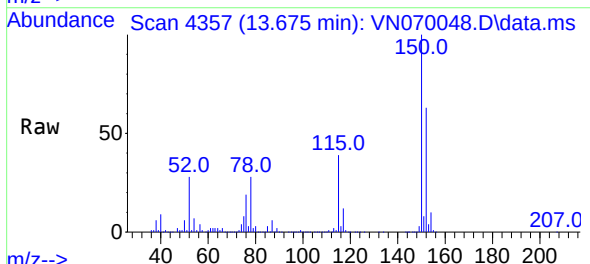
Manual Integrations

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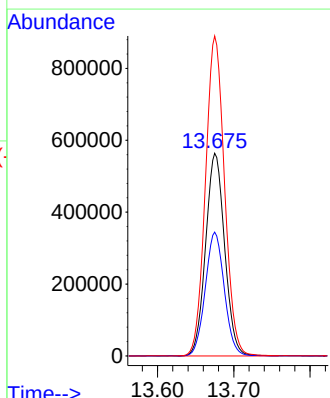
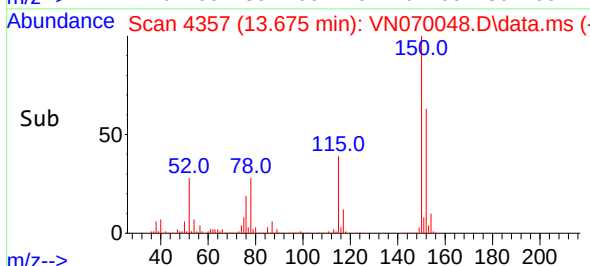
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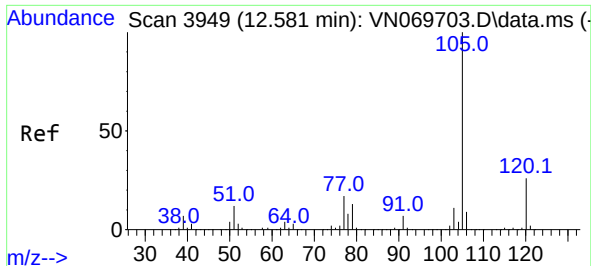


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17



Tgt Ion:152 Resp: 978104
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.8 0.0 344.4





#73
Isopropylbenzene
Concen: 0.222 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.002 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

Instrument :

MSVOA_N

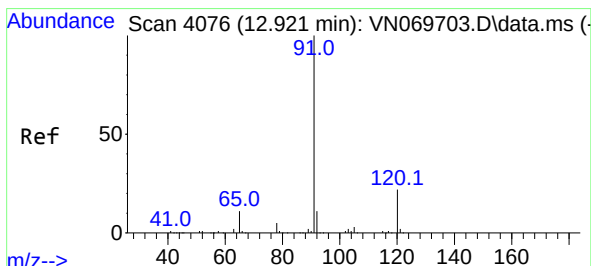
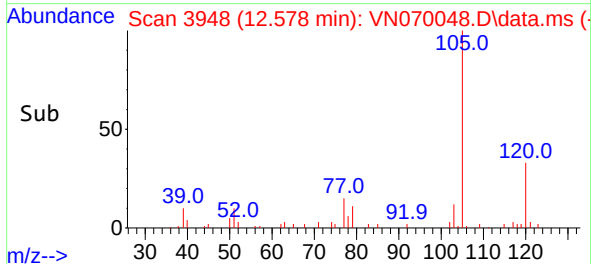
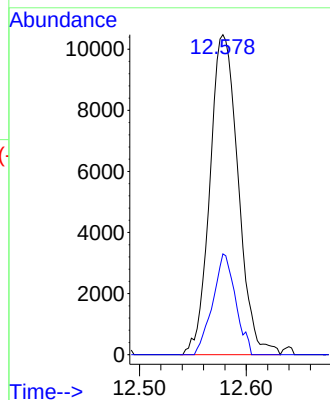
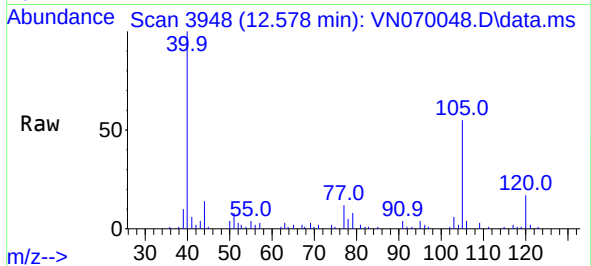
ClientSampleId :

TOLL-MW-03

Tgt Ion:105 Resp: 1928
Ion Ratio Lower Upper
105 100
120 25.4 13.4 40.1

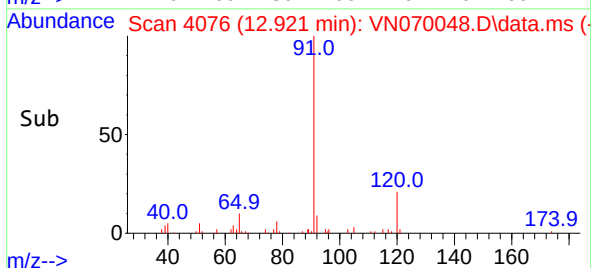
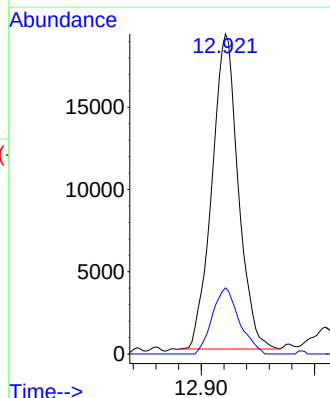
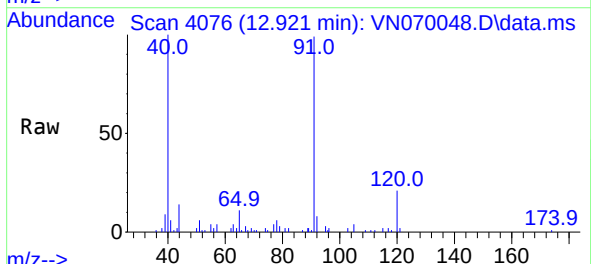
Manual Integrations
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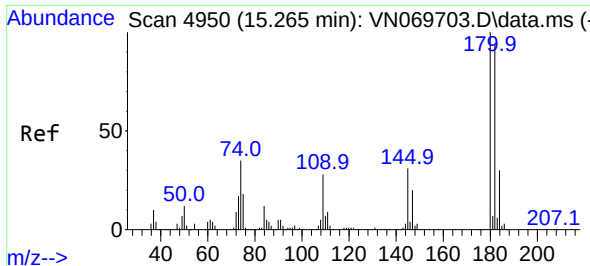
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#78
n-propylbenzene
Concen: 0.320 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

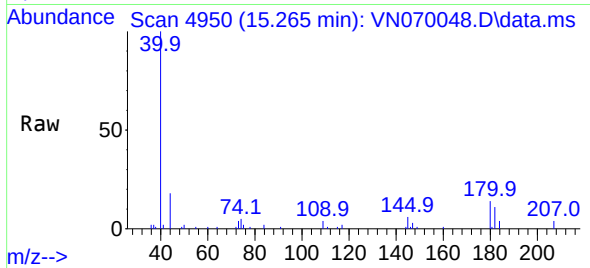
Tgt Ion: 91 Resp: 30998
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.9





#93
1,2,4-Trichlorobenzene
Concen: 3.145 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17

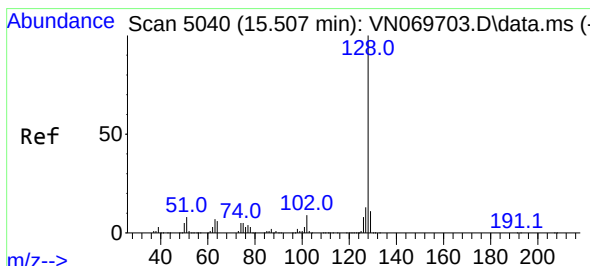
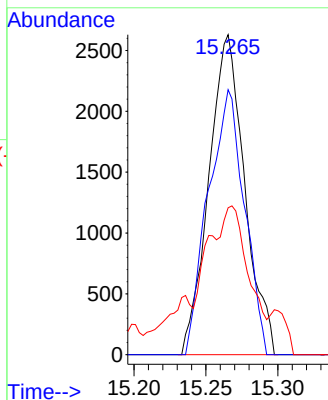
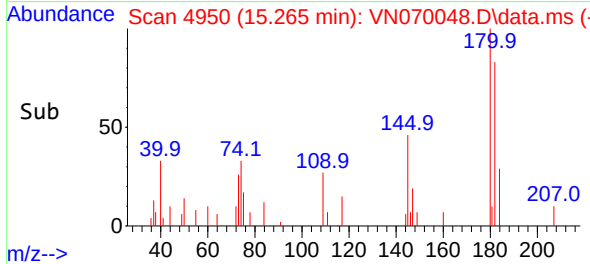
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03



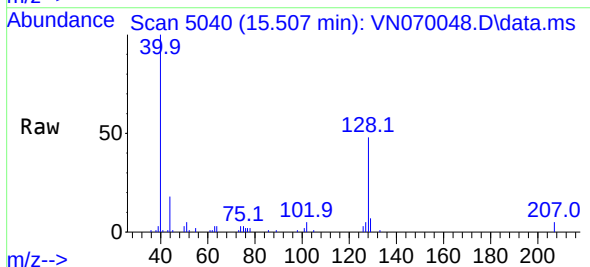
Tgt Ion:180 Resp: 455
Ion Ratio Lower Upper
180 100
182 83.7 48.3 144.9
145 39.9 14.5 43.5

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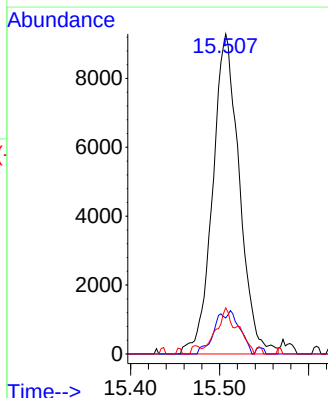
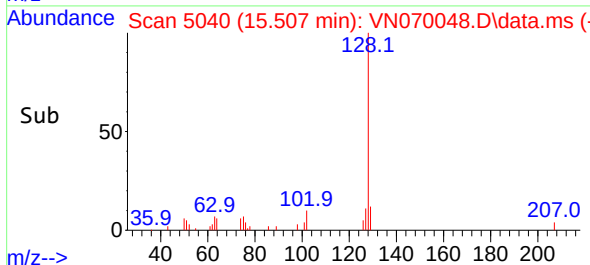
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

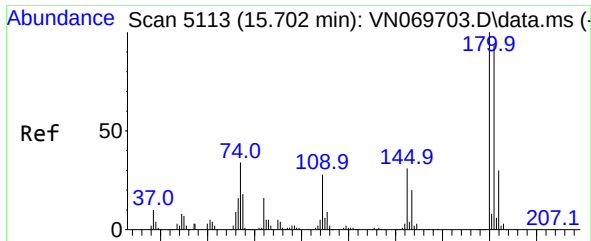


#95
Naphthalene
Concen: 4.358 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070048.D
Acq: 13 Dec 2021 23:17



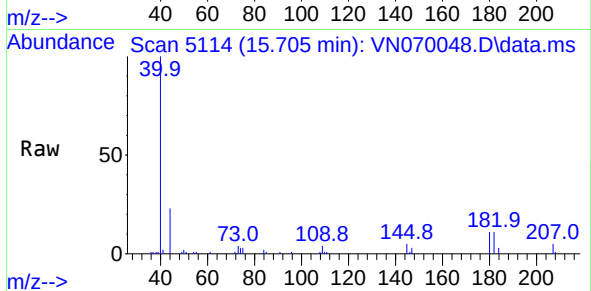
Tgt Ion:128 Resp: 19351
Ion Ratio Lower Upper
128 100
127 6.2 10.5 15.7#
129 11.5 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 2.726 ug/l
 RT: 15.705 min Scan# 5113
 Delta R.T. 0.003 min
 Lab File: VN070048.D
 Acq: 13 Dec 2021 23:17

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-03



Tgt Ion:180 Resp: 4775
 Ion Ratio Lower Upper
 180 100
 182 89.3 47.4 142.2
 145 42.6 15.0 45.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

