

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070381.D
 Acq On : 30 Dec 2021 6:43
 Operator : JC/MD
 Sample : M5007-02RE
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-03RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2021
 Supervised By : Amit Patel 12/30/2021

Quant Time: Dec 30 07:19:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	885022	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1540147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1361276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	447600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	668329	52.521	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	105.040%	
35) Dibromofluoromethane	8.024	113	474813	50.953	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	101.900%	
50) Toluene-d8	10.440	98	1887142	49.573	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.140%	
62) 4-Bromofluorobenzene	12.731	95	637794	46.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	92.780%	
Target Compounds						
16) Acetone	4.293	43	22631	2.740	ug/l	98
17) Carbon Disulfide	4.540	76	7624	0.310	ug/l #	94
18) Methyl Acetate	4.873	43	12548m	0.525	ug/l	
19) Methyl tert-butyl Ether	5.621	73	204816	6.119	ug/l #	21
22) Diisopropyl ether	6.506	45	12234	0.307	ug/l #	85
27) cis-1,2-Dichloroethene	7.327	96	18640	1.637	ug/l	90
40) Benzene	8.458	78	10981	0.232	ug/l	95
73) Isopropylbenzene	12.583	105	17800	0.428	ug/l	94
78) n-propylbenzene	12.921	91	28582	0.621	ug/l	93
83) tert-Butylbenzene	13.321	119	8657	0.295	ug/l	92

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

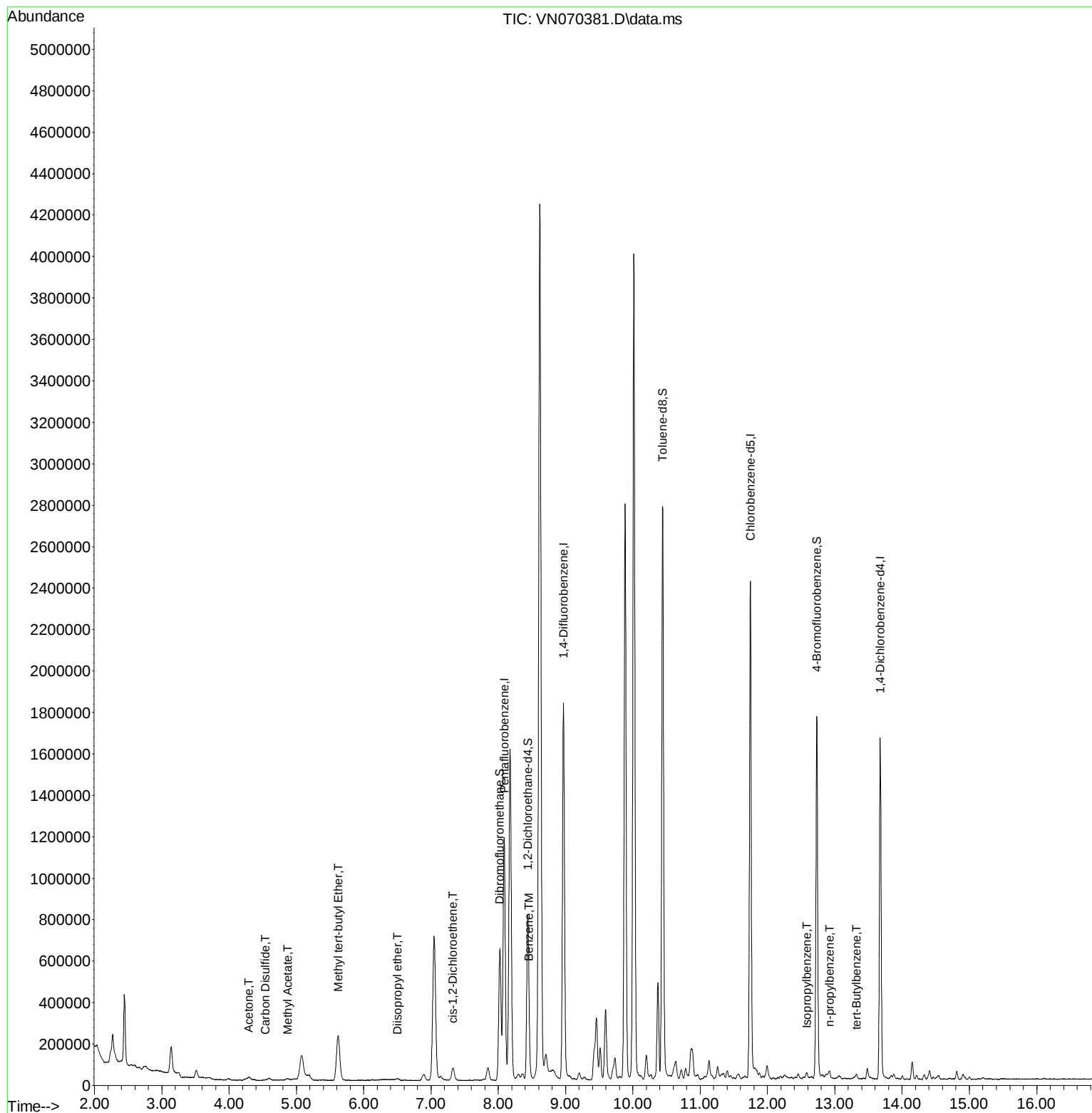
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
Data File : VN070381.D
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Operator : JC/MD
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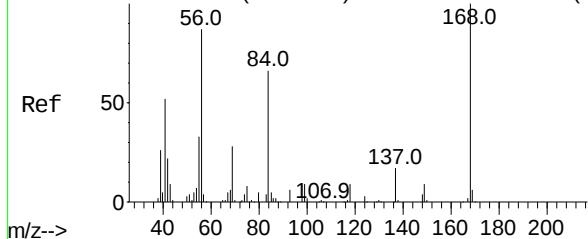
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



Abundance Scan 2273 (8.086 min): VN070308.D\data.ms (-2249) (-)



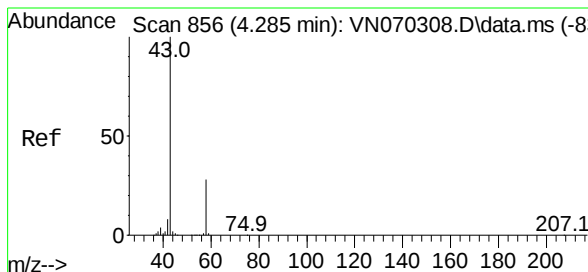
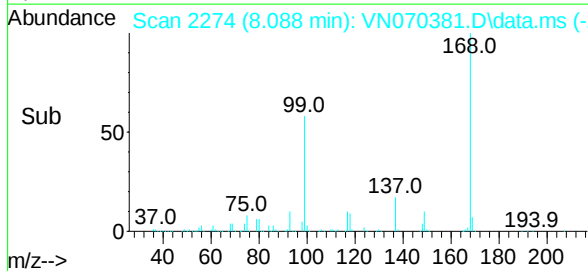
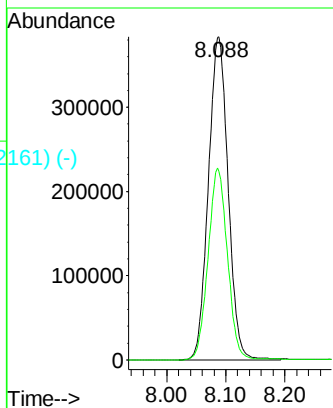
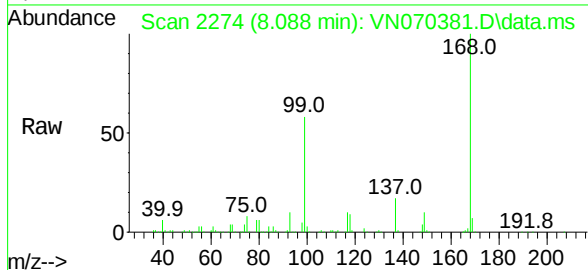
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2161
Delta R.T. 0.002 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03RE

Tgt Ion:168 Resp: 88502
Ion Ratio Lower Upper
168 100
99 58.4 41.3 61.9

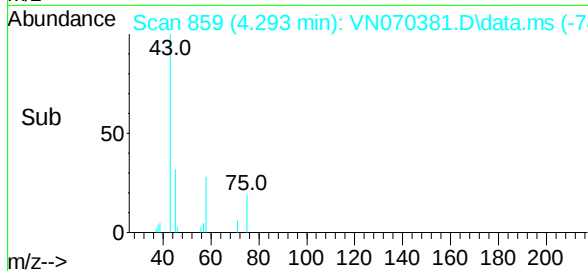
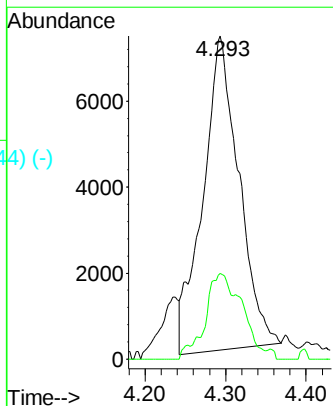
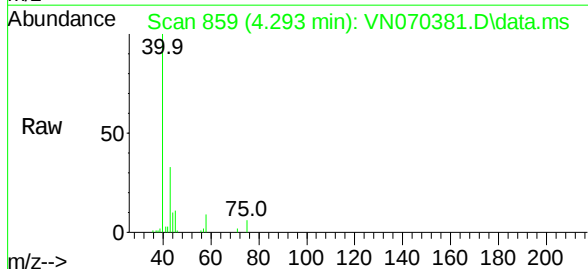
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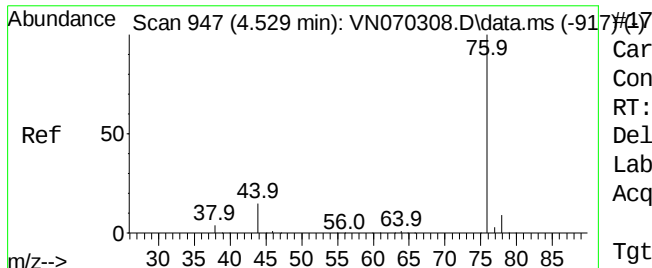
Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021



Acetone
Concen: 2.740 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 43 Resp: 22631
Ion Ratio Lower Upper
43 100
58 27.8 23.1 34.7





Carbon Disulfide

Concen: 0.310 ug/l

RT: 4.540 min Scan# 947

Delta R.T. 0.011 min

Lab File: VN070381.D

Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

Client Sample Id :

TOLL-MW-03RE

Tgt Ion: 76 Resp: 762

Ion Ratio Lower Upper

76 100

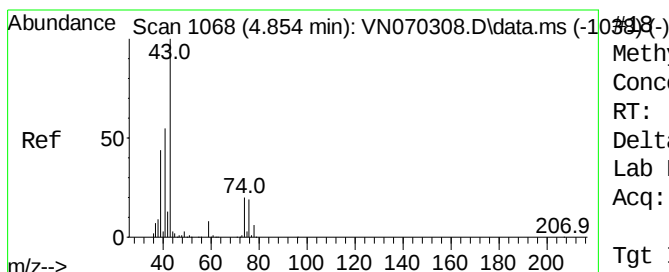
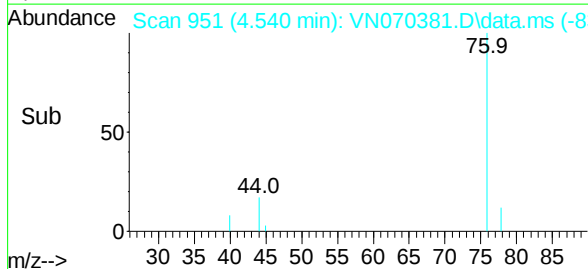
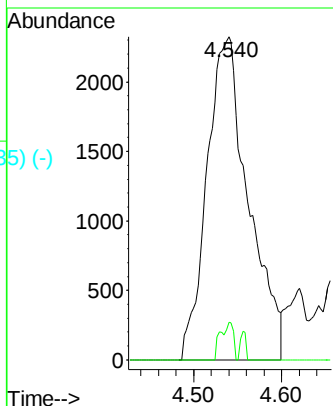
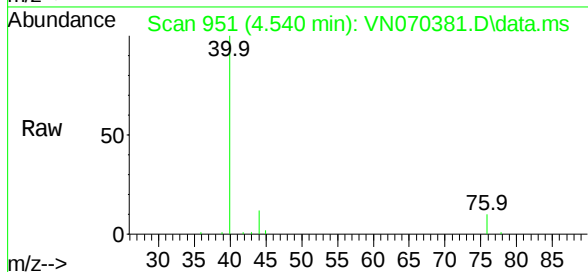
78 11.6 7.5 11.3

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Methyl Acetate

Concen: 0.525 ug/l m

RT: 4.873 min Scan# 1075

Delta R.T. 0.019 min

Lab File: VN070381.D

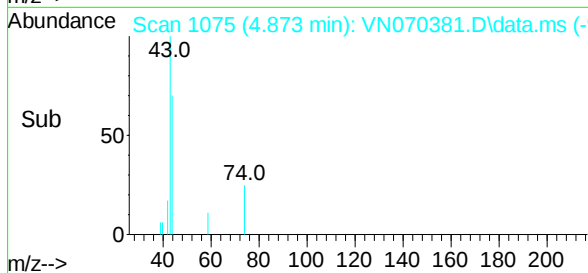
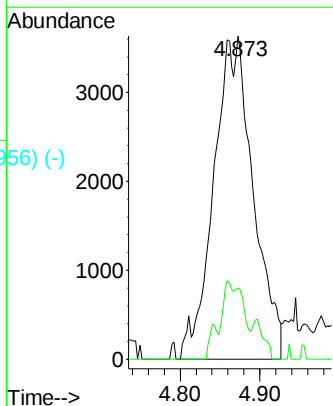
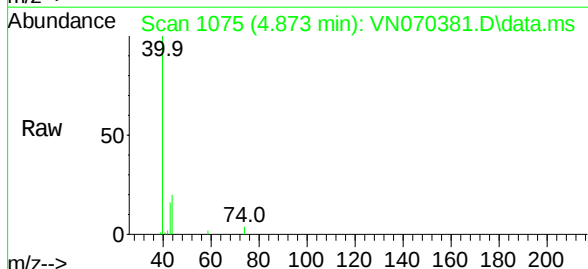
Acq: 30 Dec 2021 6:43

Tgt Ion: 43 Resp: 12548

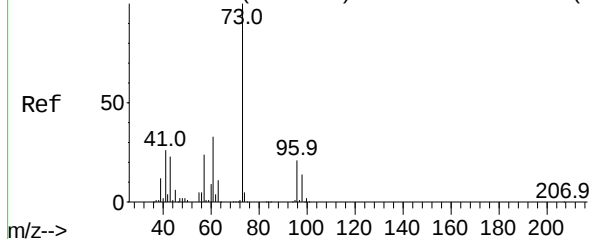
Ion Ratio Lower Upper

43 100

74 4.0 19.4 29.2#



Abundance Scan 1352 (5.616 min): VN070308.D\data.ms (-1319)



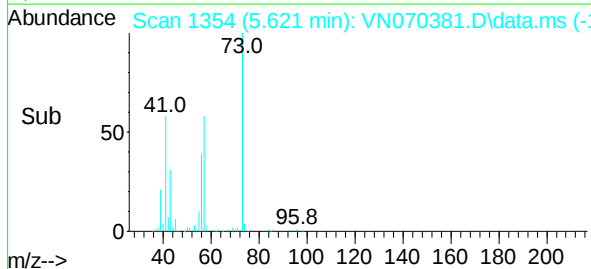
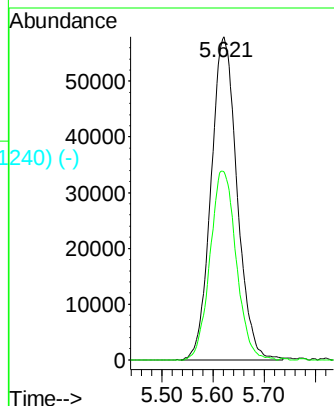
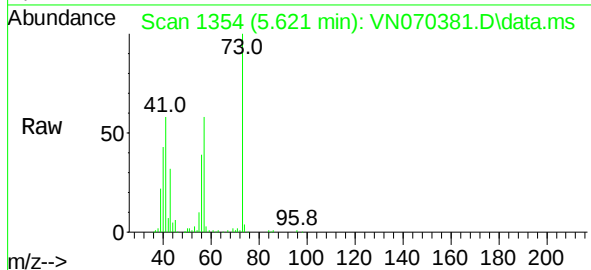
Methyl tert-butyl Ether
Concen: 6.119 ug/l
RT: 5.621 min Scan# 1352
Delta R.T. 0.005 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument : MSVOA_N
Client Sample Id : TOLL-MW-03RE

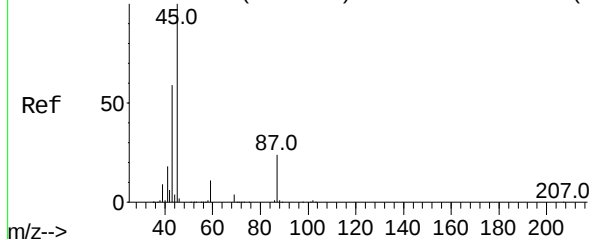
Tgt Ion: 73 Resp: 2048
Ion Ratio Lower Upper
73 100
57 58.2 16.8 25.2

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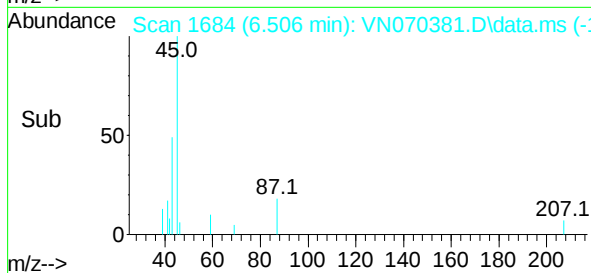
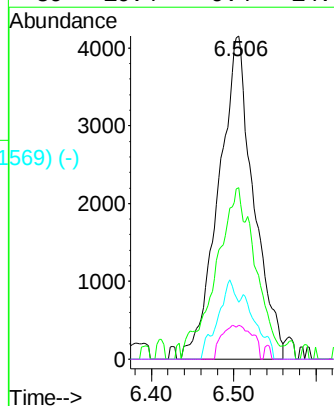
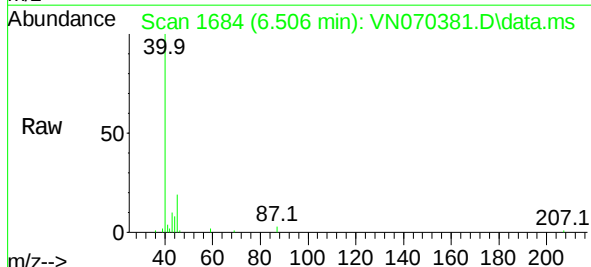


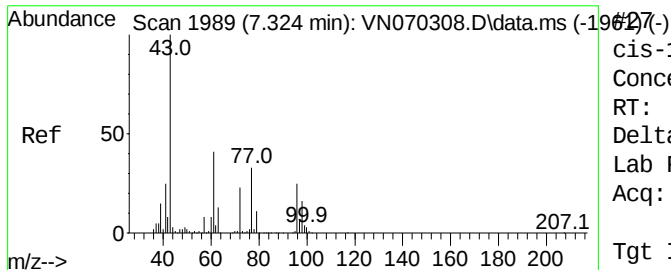
Abundance Scan 1681 (6.498 min): VN070308.D\data.ms (-1622)



Diisopropyl ether
Concen: 0.307 ug/l
RT: 6.506 min Scan# 1684
Delta R.T. 0.008 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 45 Resp: 12234
Ion Ratio Lower Upper
45 100
43 53.1 51.7 77.5
87 17.6 23.2 34.8#
59 10.4 9.4 14.0





cis-1,2-Dichloroethene
Concen: 1.637 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

ClientSampleId :

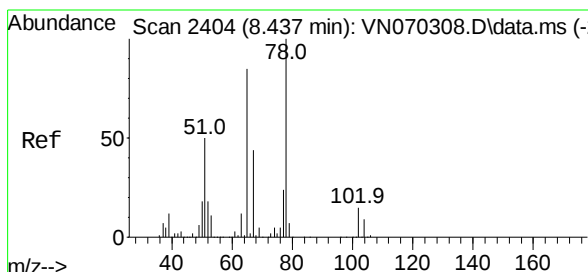
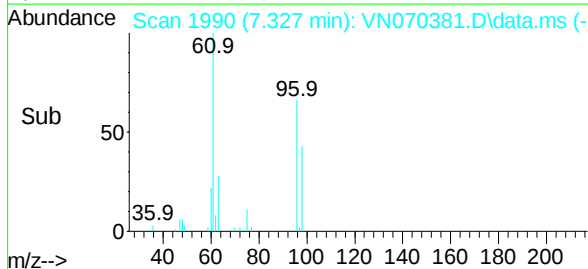
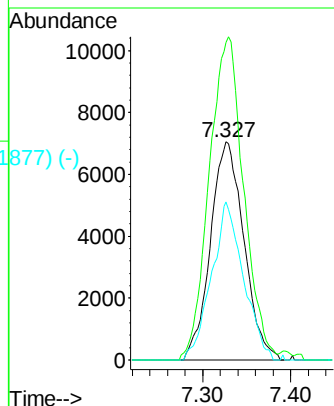
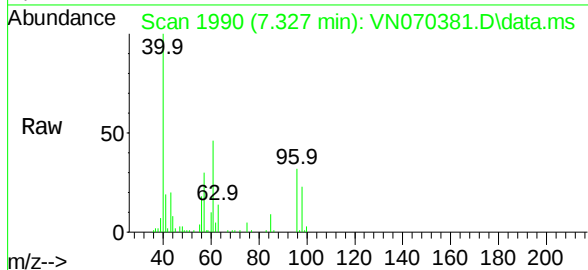
TOLL-MW-03RE

Tgt Ion: 96 Resp: 1864
Ion Ratio Lower Upper
96 100
61 152.6 0.0 275.0
98 69.0 0.0 129.6

Manual Integrations

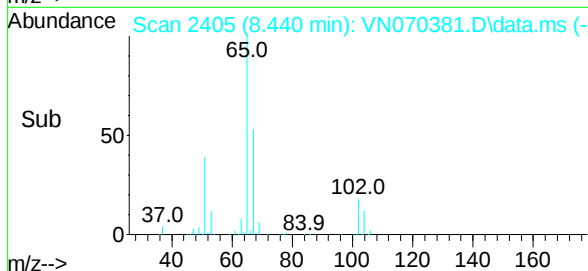
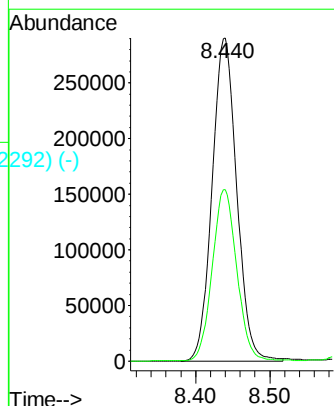
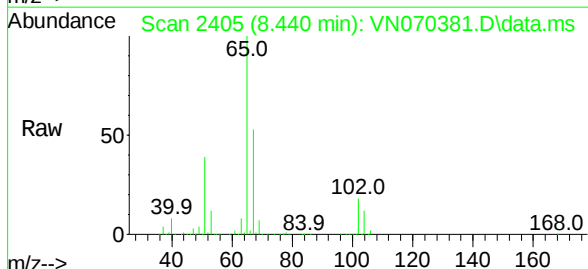
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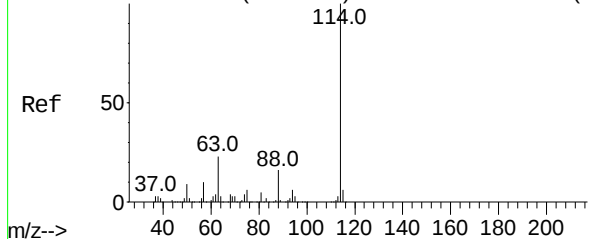


1,2-Dichloroethane-d4
Concen: 52.521 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 65 Resp: 668329
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0



Abundance Scan 2602 (8.968 min): VN070308.D\data.ms (-25794-)



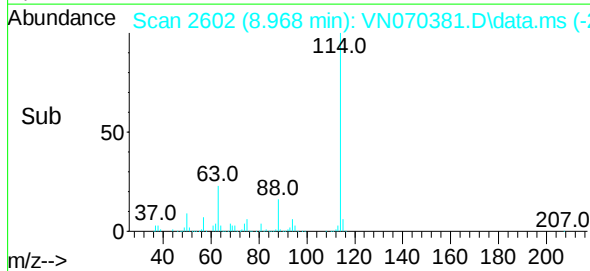
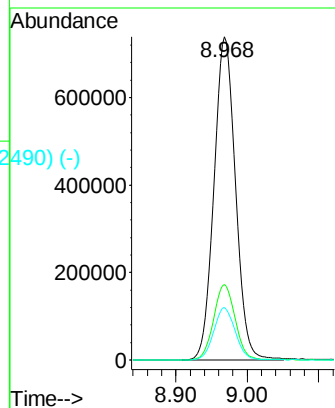
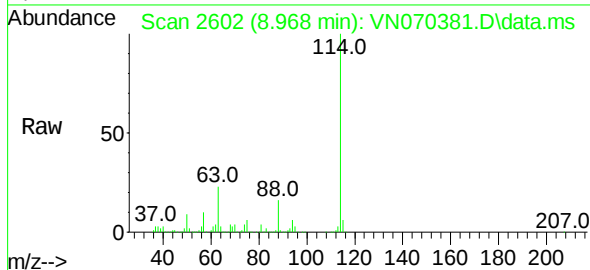
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03RE

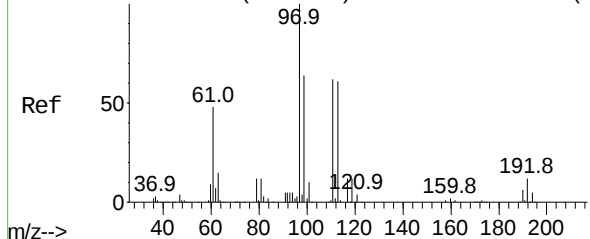
Tgt Ion:	114	Resp:	154014
Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	37.8
88	16.2	0.0	27.4

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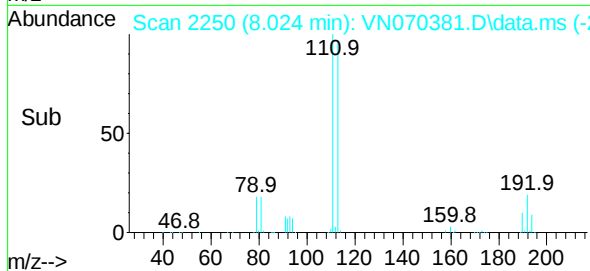
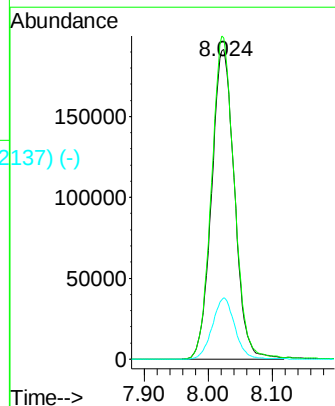
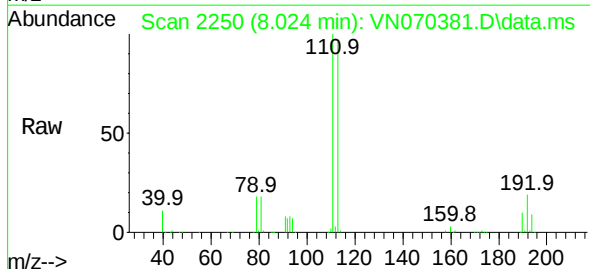


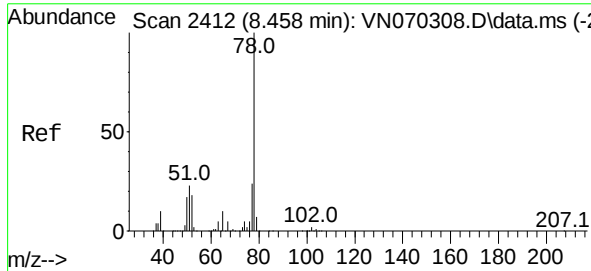
Abundance Scan 2249 (8.021 min): VN070308.D\data.ms (-22235-)



Dibromofluoromethane
Concen: 50.953 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion:	113	Resp:	474813
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	19.4	16.9	25.3





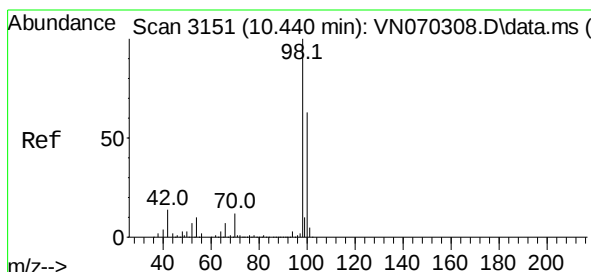
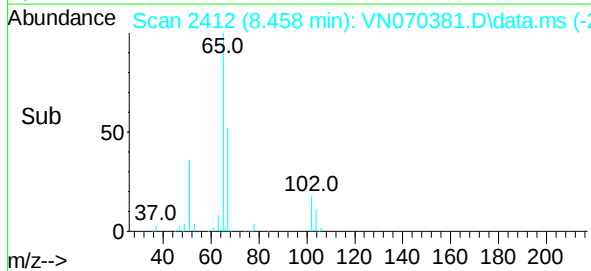
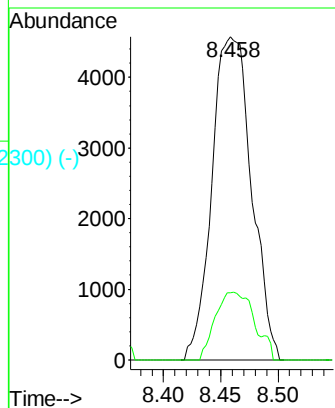
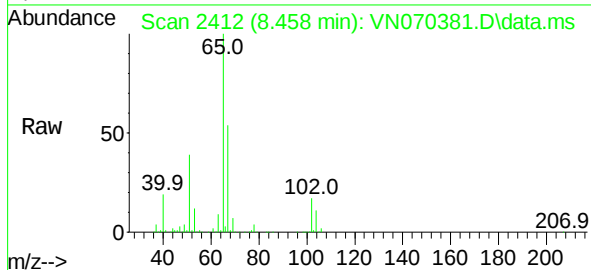
Benzene
Concen: 0.232 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
Client Sample Id :
TOLL-MW-03RE

Tgt Ion: 78 Resp: 1098
Ion Ratio Lower Upper
78 100
77 20.7 18.6 27.8

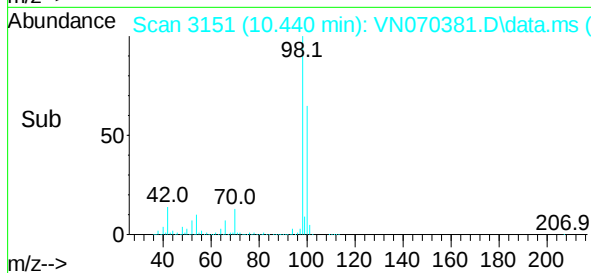
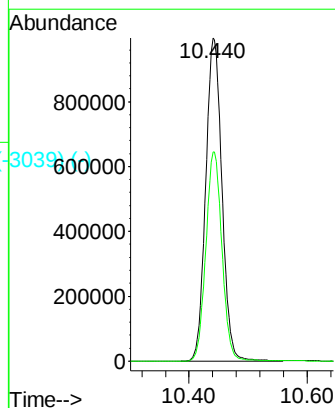
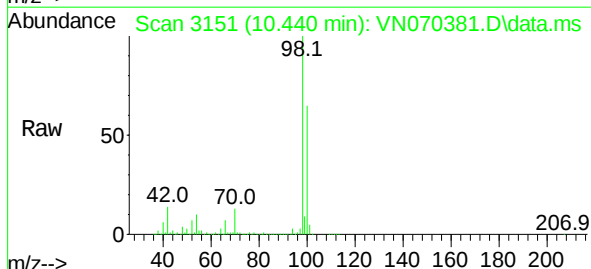
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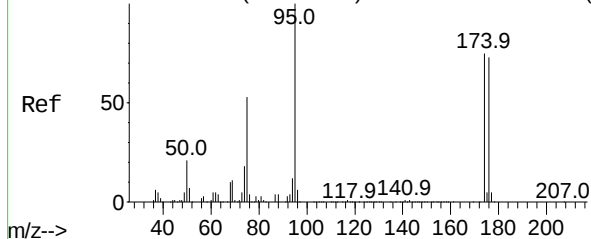


Toluene-d8
Concen: 49.573 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion: 98 Resp: 1887142
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



Abundance Scan 4005 (12.731 min): VN070308.D\data.ms (-3962) (-)



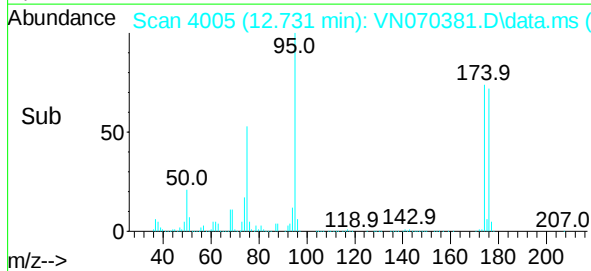
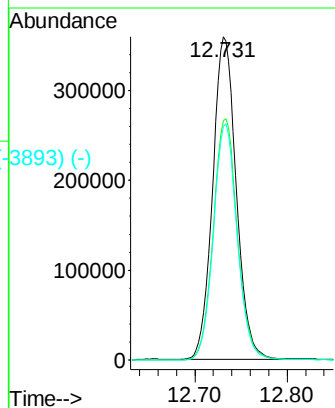
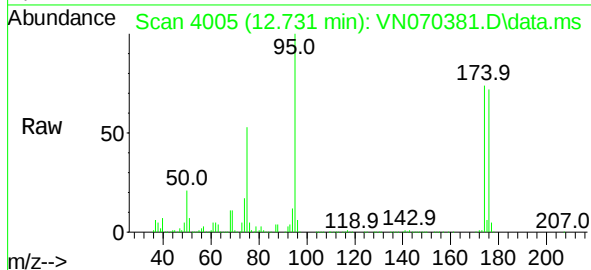
4-Bromofluorobenzene
Concen: 46.388 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03RE

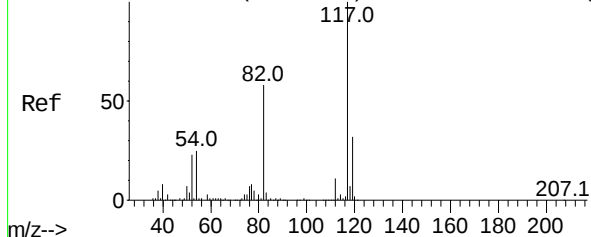
Tgt Ion: 95 Resp: 63779
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.6 0.0 181.4

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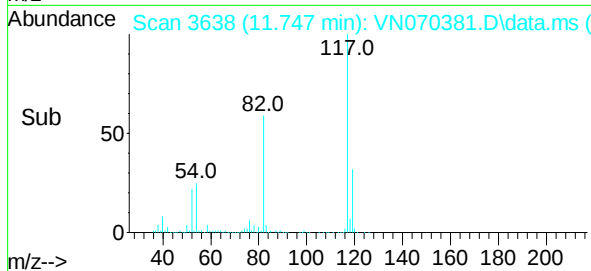
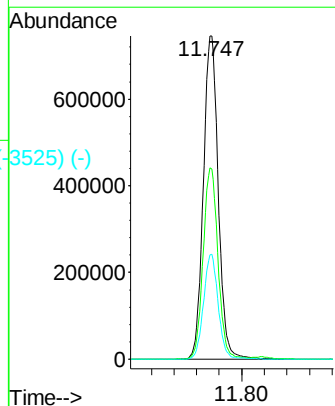
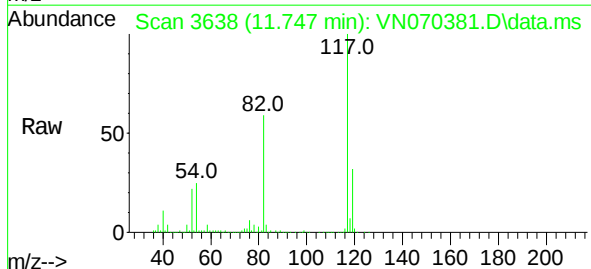


Abundance Scan 3637 (11.744 min): VN070308.D\data.ms (-3653) (-)

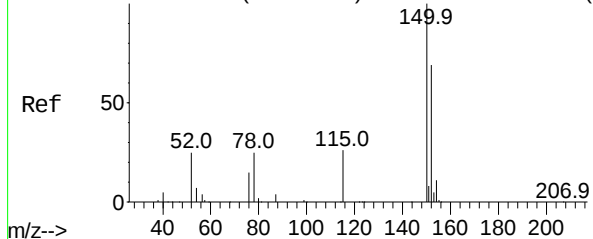


Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion:117 Resp: 1361276
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.5 25.4 38.2



Abundance Scan 4356 (13.672 min): VN070308.D\data.ms (-4372) (-)



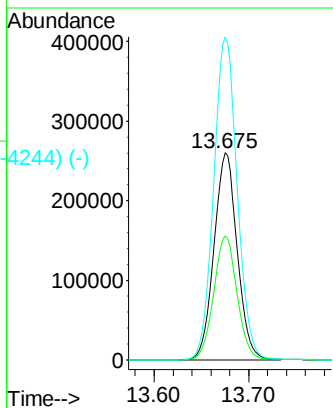
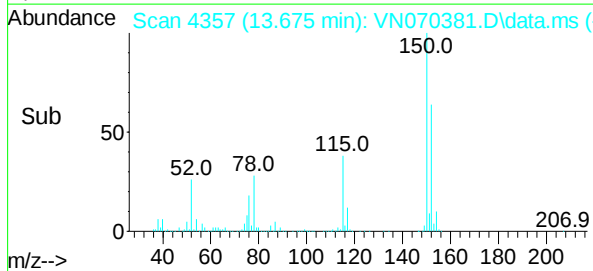
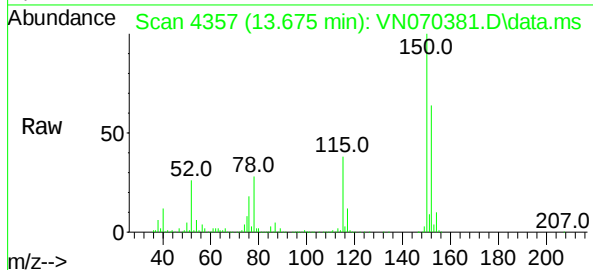
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4372
Delta R.T. 0.003 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-03RE

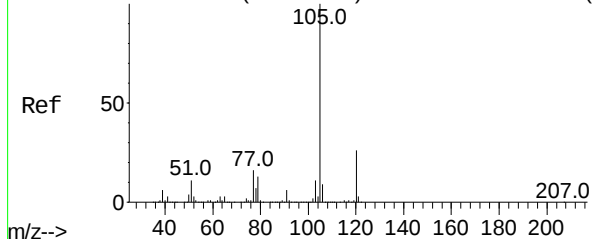
Tgt Ion:152 Resp: 44760
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 158.4 0.0 344.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2021
Supervised By :Amit Patel 12/30/2021

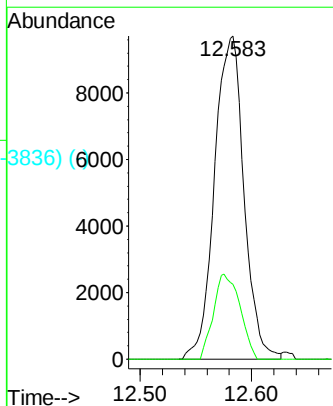
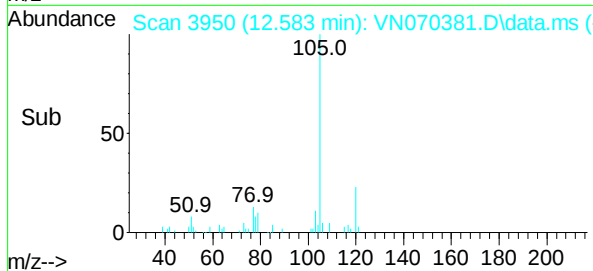
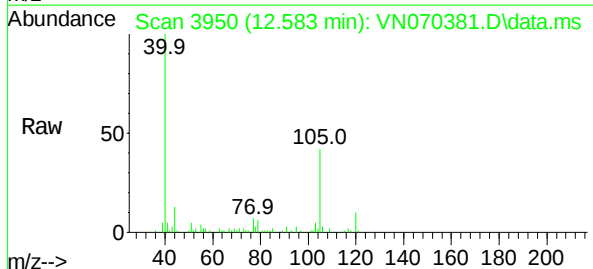


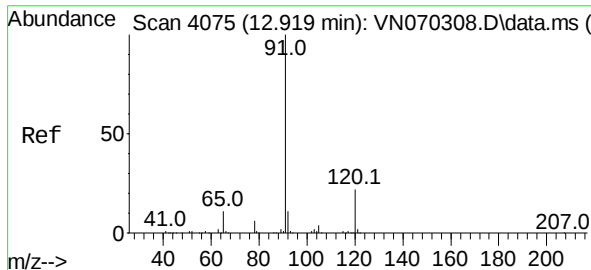
Abundance Scan 3948 (12.578 min): VN070308.D\data.ms (-3974) (-)



Isopropylbenzene
Concen: 0.428 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.005 min
Lab File: VN070381.D
Acq: 30 Dec 2021 6:43

Tgt Ion:105 Resp: 17800
Ion Ratio Lower Upper
105 100
120 23.6 13.4 40.1





n-propylbenzene
 Concen: 0.621 ug/l
 RT: 12.921 min Scan# 4075
 Delta R.T. 0.002 min
 Lab File: VN070381.D
 Acq: 30 Dec 2021 6:43

Instrument :

MSVOA_N

ClientSampleId :

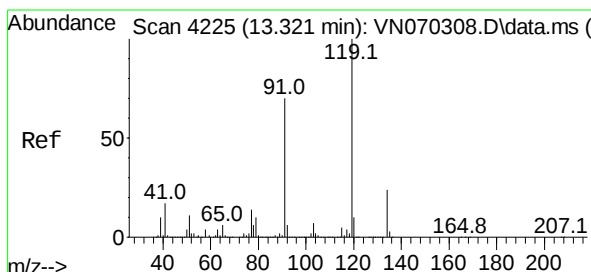
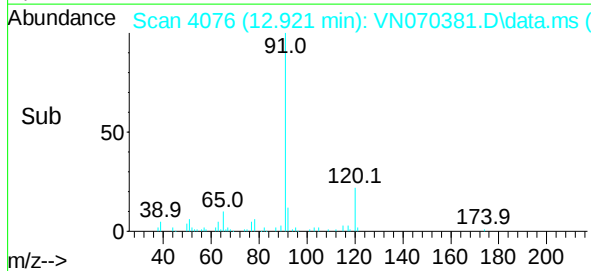
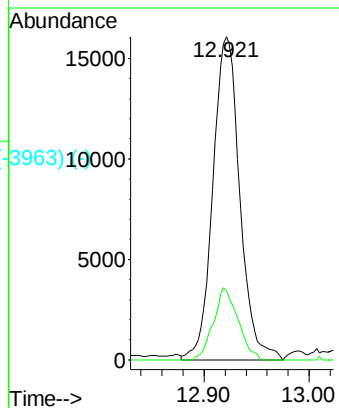
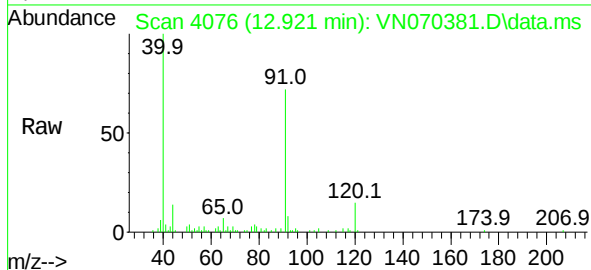
TOLL-MW-03RE

Tgt Ion: 91 Resp: 2858
 Ion Ratio Lower Upper
 91 100
 120 20.4 11.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/30/2021
 Supervised By :Amit Patel 12/30/2021



tert-Butylbenzene
 Concen: 0.295 ug/l
 RT: 13.321 min Scan# 4225
 Delta R.T. -0.000 min
 Lab File: VN070381.D
 Acq: 30 Dec 2021 6:43

Tgt Ion:119 Resp: 8657
 Ion Ratio Lower Upper
 119 100
 91 70.5 31.5 94.5
 134 23.6 12.4 37.4

