

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069910.D
 Acq On : 9 Dec 2021 14:39
 Operator : JC/MD
 Sample : M4940-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/22/2021
 Supervised By :Semsettin Yesilyurt 12/22/2021

Quant Time: Dec 10 06:15:06 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

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

Internal Standards							
1) Pentafluorobenzene		8.088	168	1225063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		8.968	114	2250656	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.744	117	2524329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	1146441	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.440	65	946741	50.052	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.100%	
35) Dibromofluoromethane		8.024	113	684745	48.572	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.140%	
50) Toluene-d8		10.440	98	2969531	52.459	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.920%	
62) 4-Bromofluorobenzene		12.731	95	1299594	63.372	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.740%	
Target Compounds							Qvalue
11) Tert butyl alcohol		5.377	59	39181	10.959	ug/l #	71
16) Acetone		4.293	43	95186	8.366	ug/l	90
25) 2-Butanone		7.348	43	32241	2.085	ug/l #	86
27) cis-1,2-Dichloroethene		7.327	96	7944	0.519	ug/l	93
31) Cyclohexane		8.094	56	283320m	10.763	ug/l	
39) Methylcyclohexane		9.461	83	176407	6.922	ug/l	89
40) Benzene		8.461	78	2469216	37.704	ug/l	99
52) Toluene		10.505	92	4131902	103.343	ug/l	98
67) Ethyl Benzene		11.846	91	5605801	60.262	ug/l	97
68) m/p-Xylenes		11.950	106	3014352	88.996	ug/l	92
69) o-Xylene		12.280	106	2131917	62.488	ug/l	91
73) Isopropylbenzene		12.578	105	480433	4.710	ug/l	97
78) n-propylbenzene		12.921	91	1208864	10.650	ug/l	96
80) 1,3,5-Trimethylbenzene		13.058	105	201833	2.458	ug/l	98
84) 1,2,4-Trimethylbenzene		13.366	105	4379847	56.017	ug/l	98
86) p-Isopropyltoluene		13.613	119	16195	0.210	ug/l #	78
95) Naphthalene		15.504	128	523872	12.590	ug/l	99

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

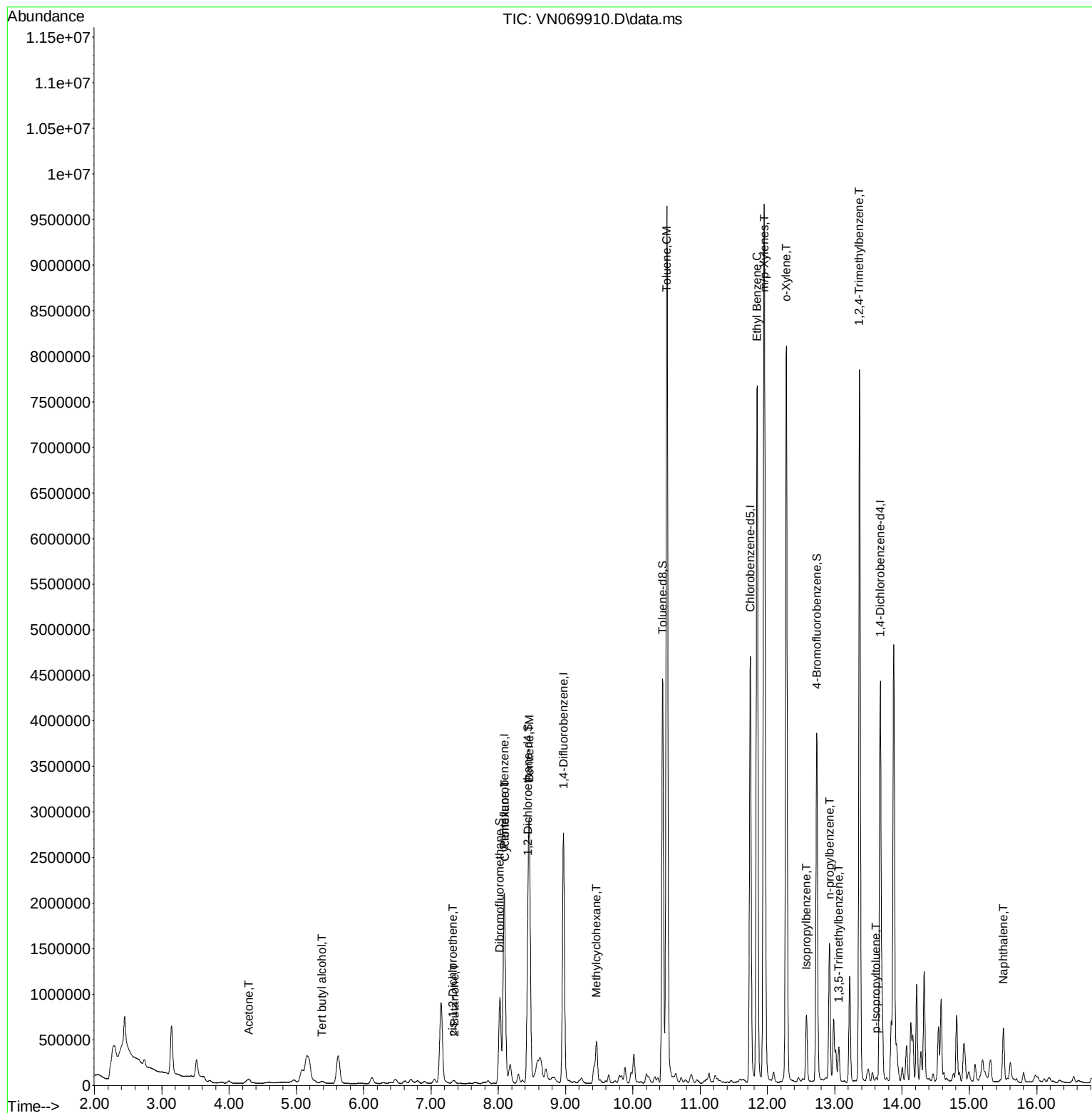
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
Data File : VN069910.D
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Operator : JC/MD
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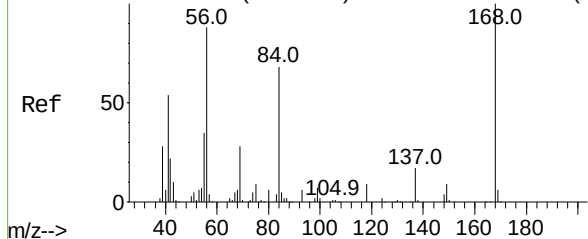
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Supervised By :Semsettin Yesilyurt 12/22/2021

Quant Time: Dec 10 06:15:06 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



Abundance Scan 2273 (8.086 min): VN069703.D\data.ms (-2249) (-)



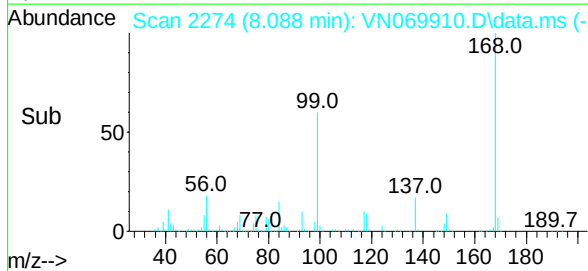
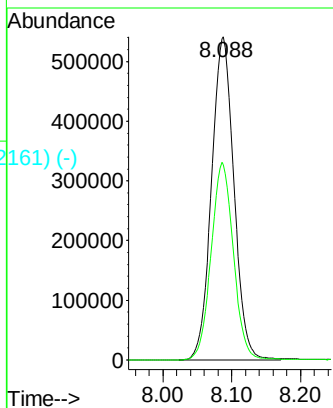
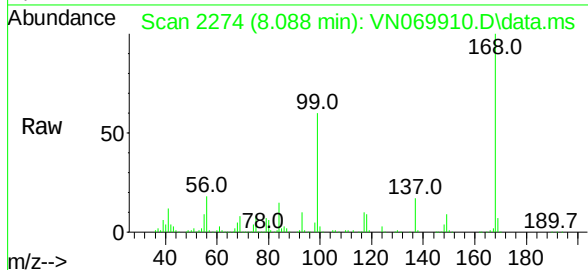
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2161
Delta R.T. 0.002 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
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MW-17

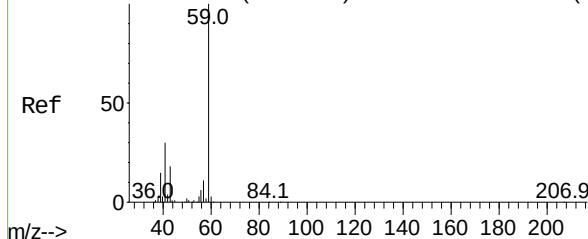
Tgt Ion:168 Resp: 122500
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

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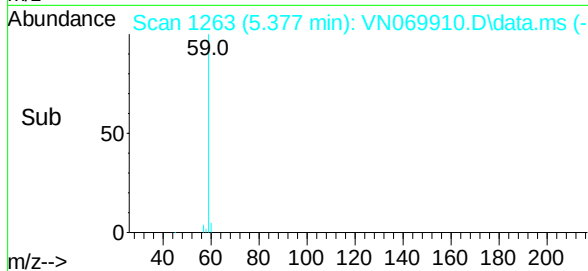
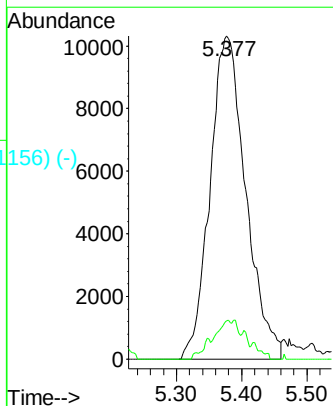
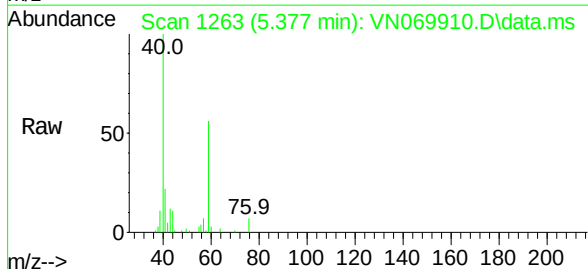


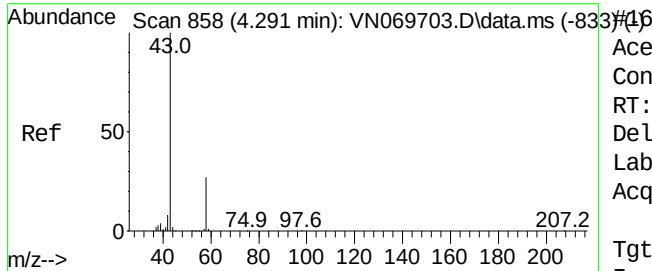
Abundance Scan 1268 (5.390 min): VN069703.D\data.ms (-1219) (-)



Tert butyl alcohol
Concen: 10.959 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 59 Resp: 39181
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





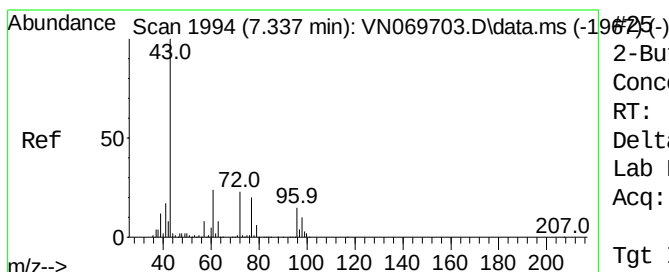
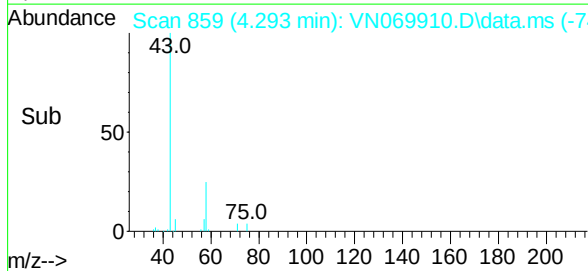
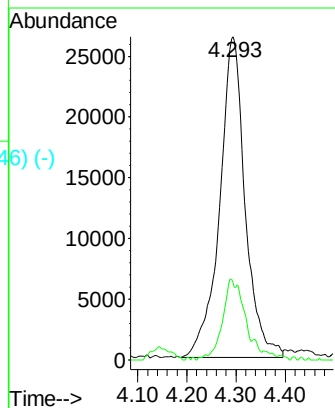
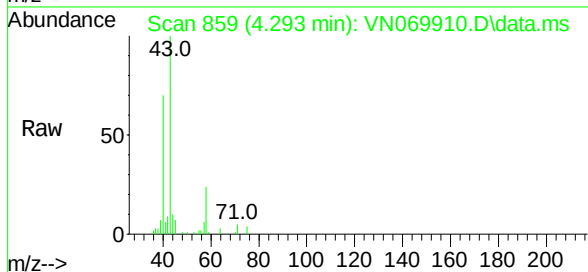
Acetone
Concen: 8.366 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
Client Sample Id :
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Tgt Ion: 43 Resp: 9518
Ion Ratio Lower Upper
43 100
58 23.4 23.1 34.7

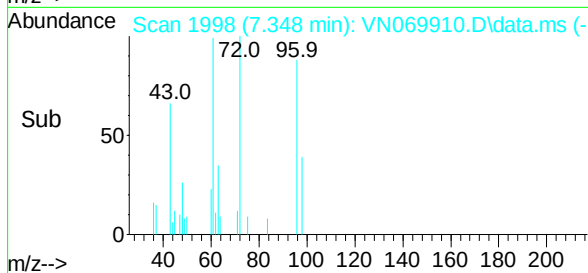
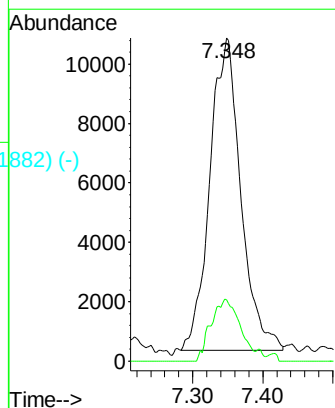
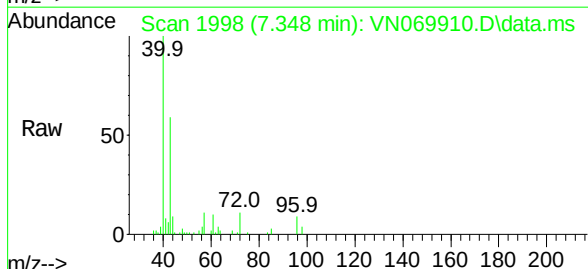
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2-Butanone
Concen: 2.085 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.011 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 43 Resp: 32241
Ion Ratio Lower Upper
43 100
72 19.7 21.7 32.5#



Abundance Scan 1990 (7.327 min): VN069703.D\data.ms (-19627-)

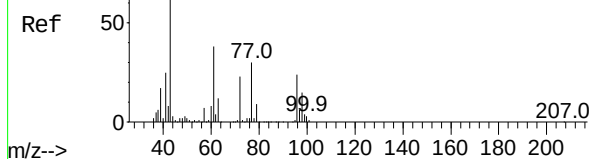
cis-1,2-Dichloroethene
Concen: 0.519 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :

MSVOA_N

Client Sample Id :

MW-17

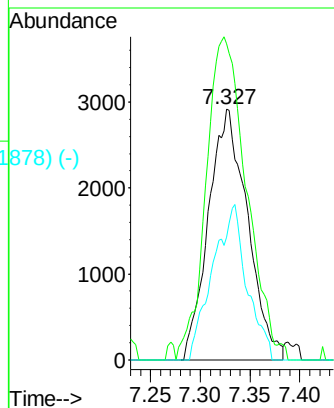
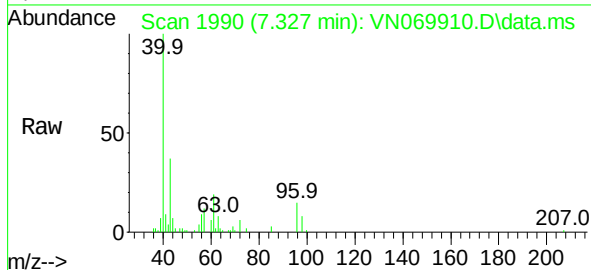


Tgt Ion:	96	Resp:	794
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	275.0
98	54.3	0.0	129.6

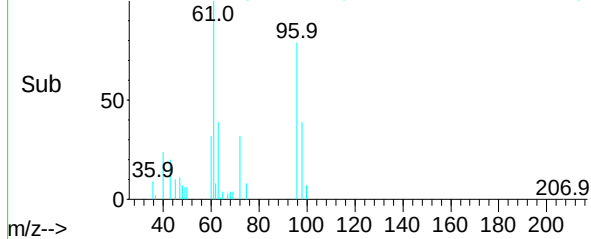
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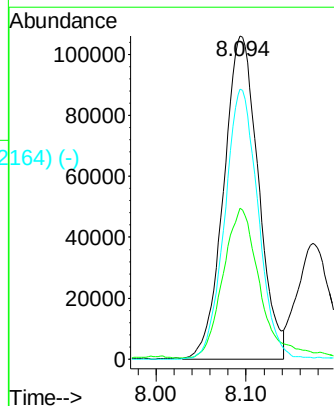
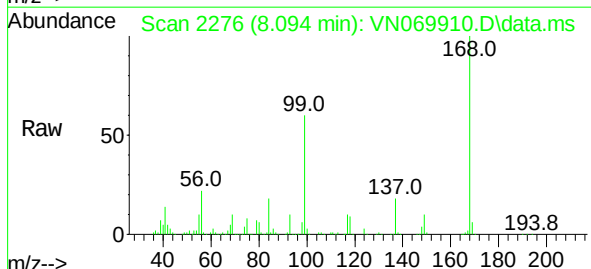
Abundance Scan 1990 (7.327 min): VN069910.D\data.ms (-1878) (-)



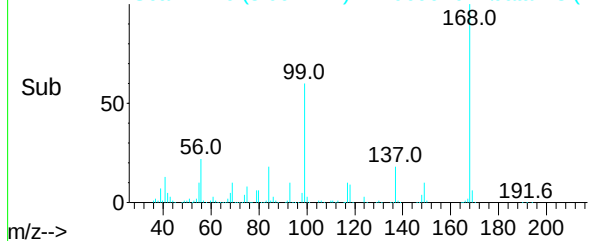
Abundance Scan 2276 (8.094 min): VN069703.D\data.ms (-22481-)

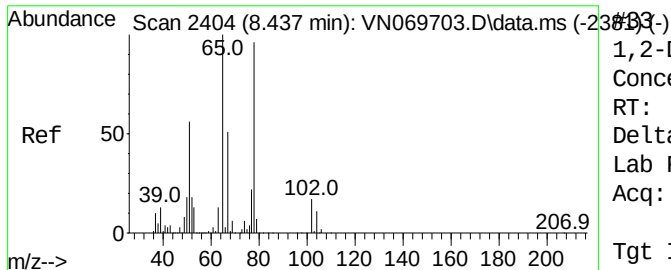
Cyclohexane
Concen: 10.763 ug/l m
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion:	56	Resp:	283320
Ion	Ratio	Lower	Upper
56	100		
69	46.7	27.1	40.7#
84	83.5	73.4	110.0



Abundance Scan 2276 (8.094 min): VN069910.D\data.ms (-2164) (-)





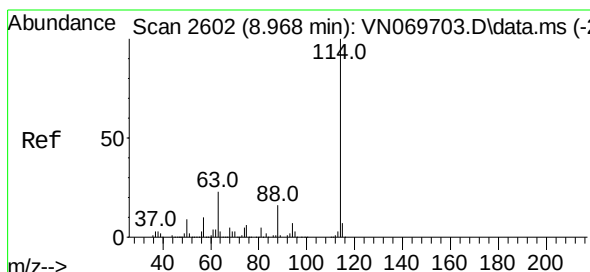
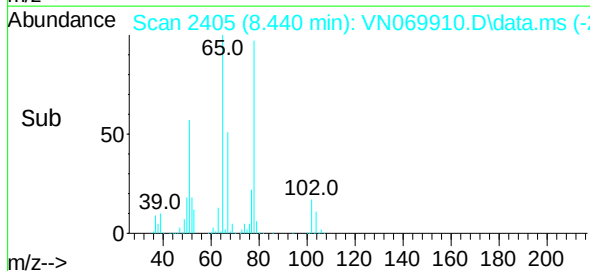
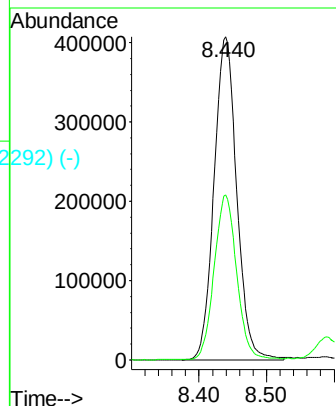
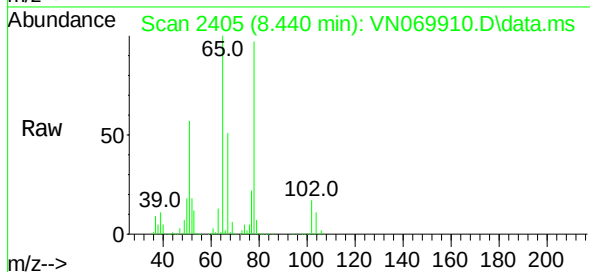
1,2-Dichloroethane-d4
Concen: 50.052 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
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MW-17

Tgt Ion: 65 Resp: 94674
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.0

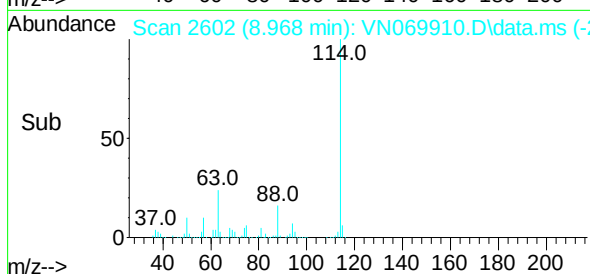
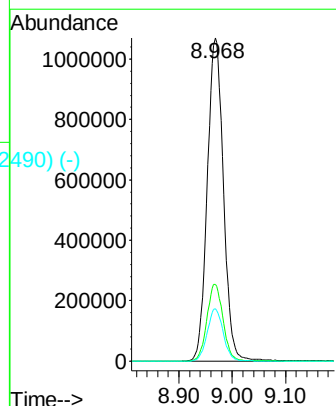
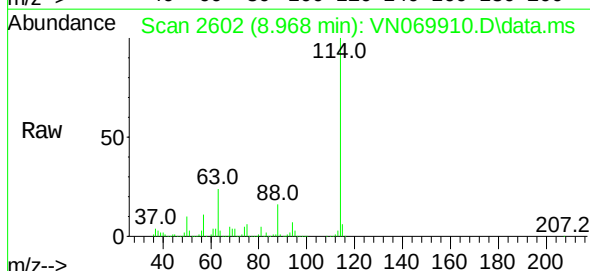
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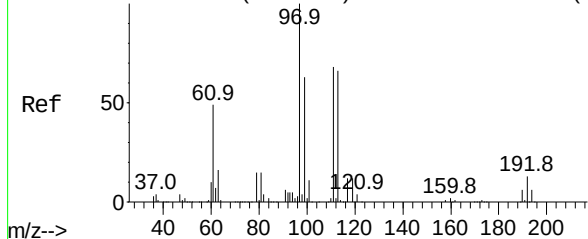


1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion:114 Resp: 2250656
Ion Ratio Lower Upper
114 100
63 23.8 0.0 37.8
88 16.1 0.0 27.4

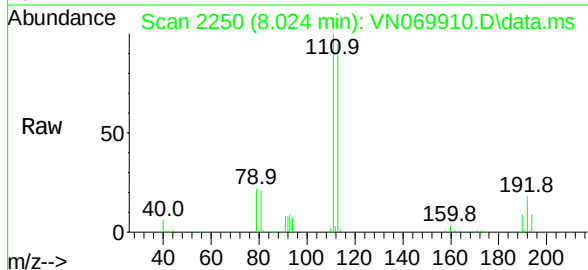


Abundance Scan 2250 (8.024 min): VN069703.D\data.ms (-2223) (-)



Dibromofluoromethane
Concen: 48.572 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

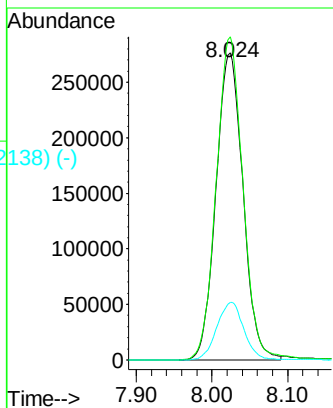
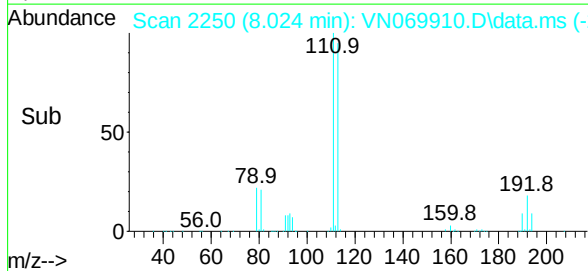
Instrument :
MSVOA_N
Client Sample Id :
MW-17



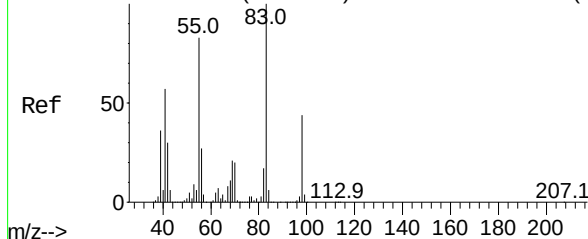
Tgt Ion: 113 Resp: 68474
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 18.8 16.9 25.3

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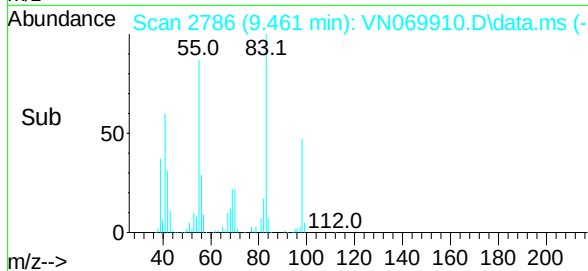
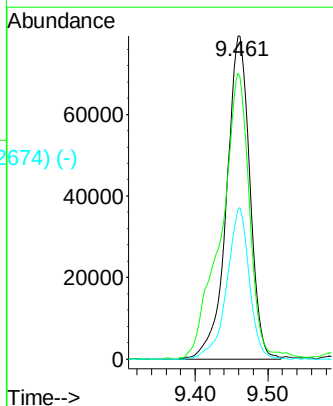
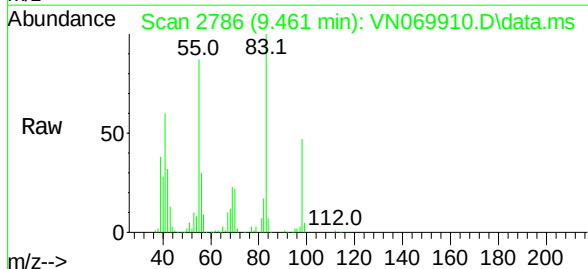


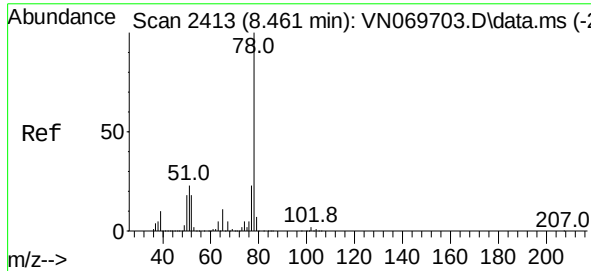
Abundance Scan 2786 (9.461 min): VN069703.D\data.ms (-2764) (-)



Methylcyclohexane
Concen: 6.922 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 83 Resp: 176407
Ion Ratio Lower Upper
83 100
55 86.9 58.1 87.1
98 46.8 38.4 57.6





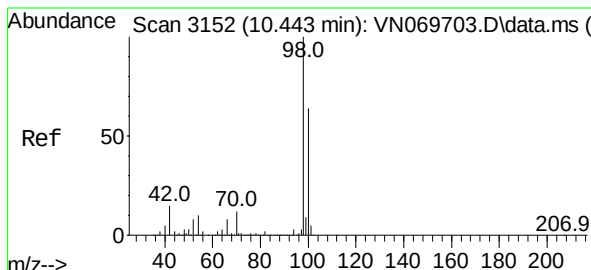
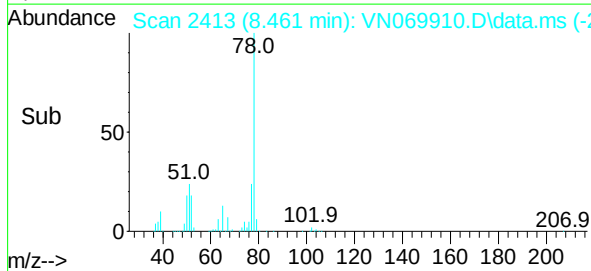
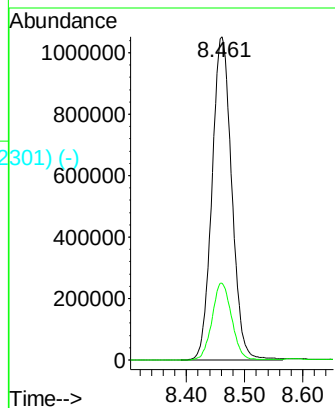
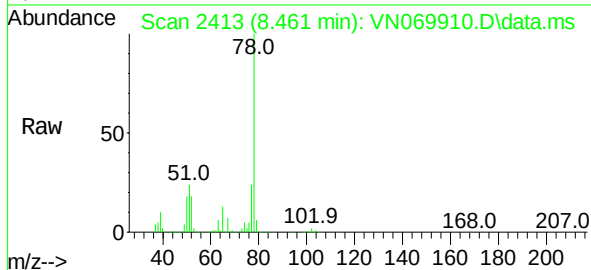
Benzene
Concen: 37.704 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
Client Sample Id :
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Tgt Ion: 78 Resp: 246922
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8

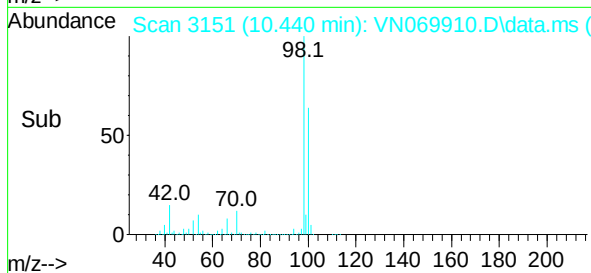
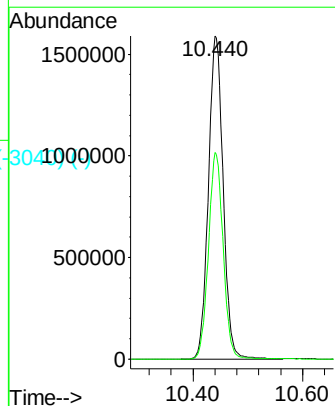
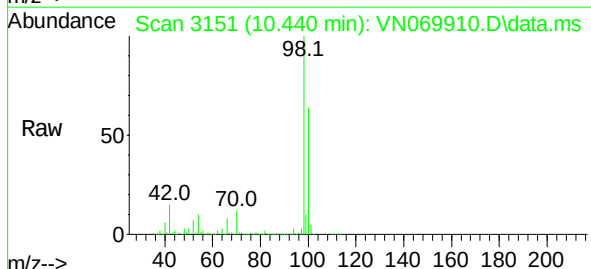
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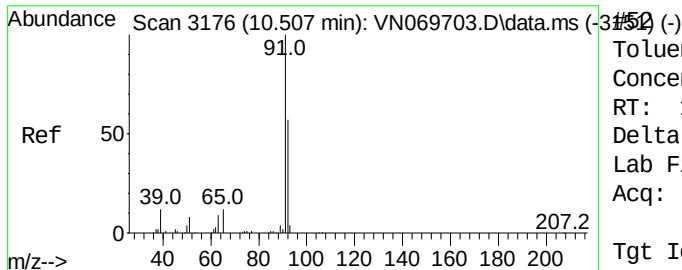
Reviewed By :Mahesh Dadoda 12/22/2021
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Toluene-d8
Concen: 52.459 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 98 Resp: 2969531
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





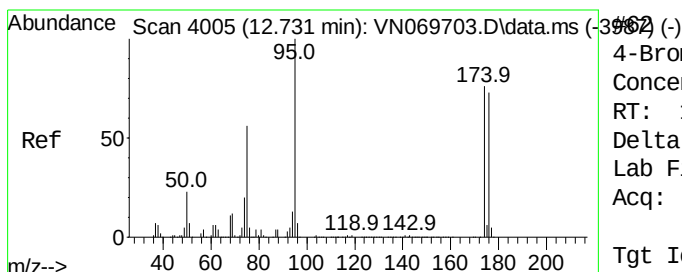
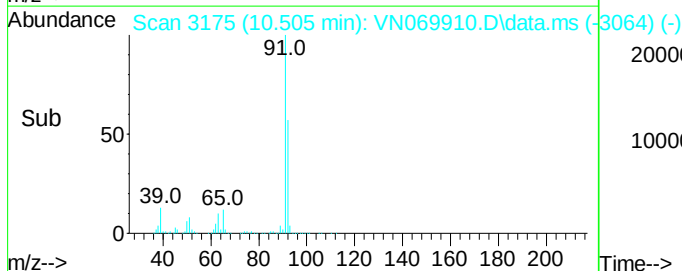
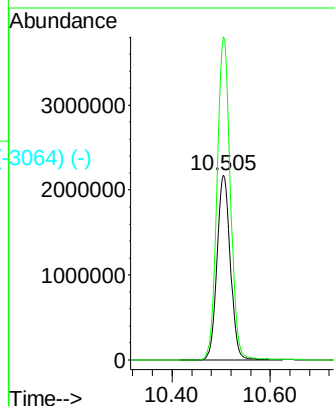
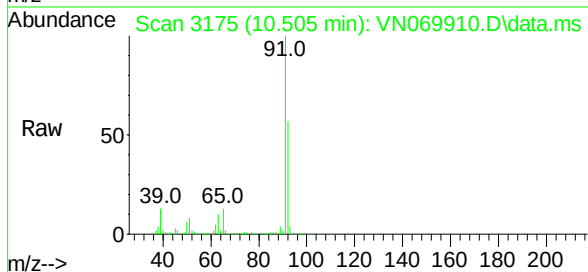
Toluene
Concen: 103.343 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
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Tgt Ion: 92 Resp: 413190
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0

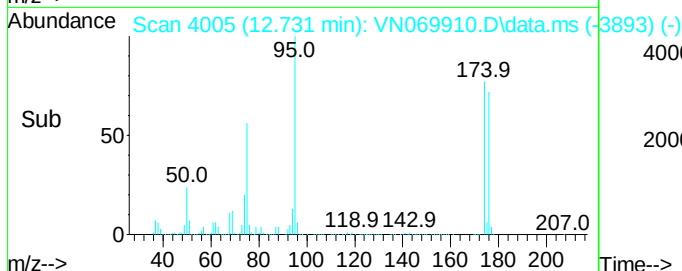
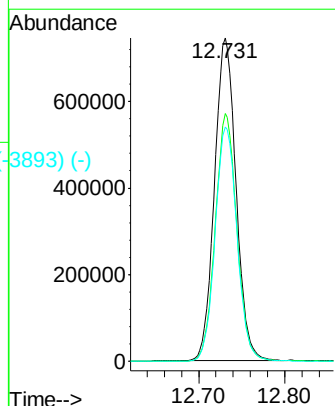
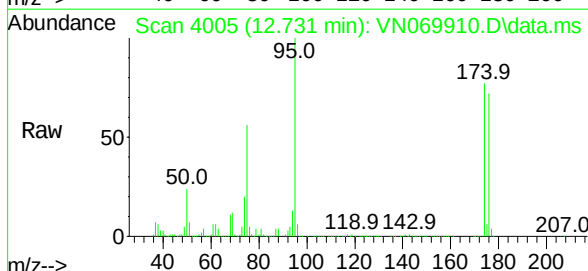
Manual Integrations
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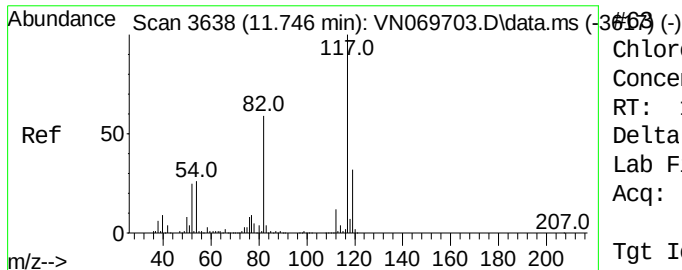
Reviewed By :Mahesh Dadoda 12/22/2021
Supervised By :Semsettin Yesilyurt 12/22/2021



4-Bromofluorobenzene
Concen: 63.372 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 95 Resp: 1299594
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 73.6 0.0 181.4





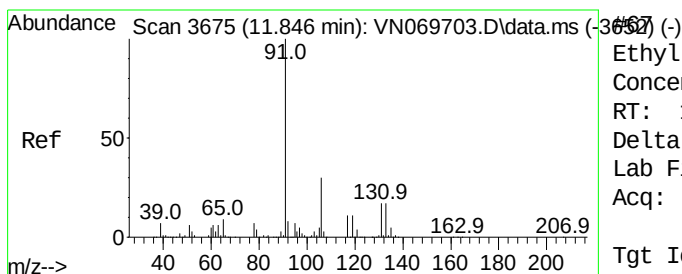
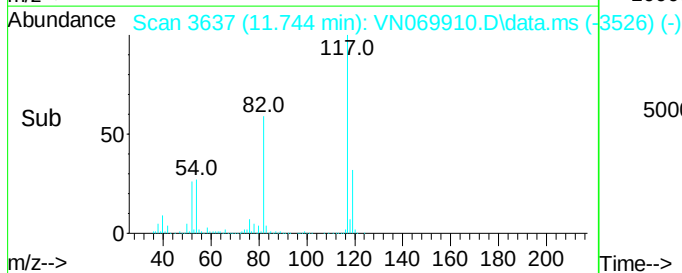
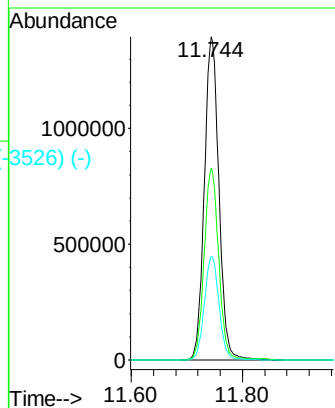
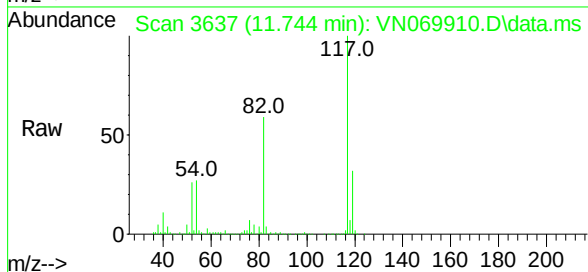
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
Client Sample Id :
MW-17

Tgt Ion: 117 Resp: 252432
Ion Ratio Lower Upper
117 100
82 59.3 42.4 63.6
119 32.1 25.4 38.2

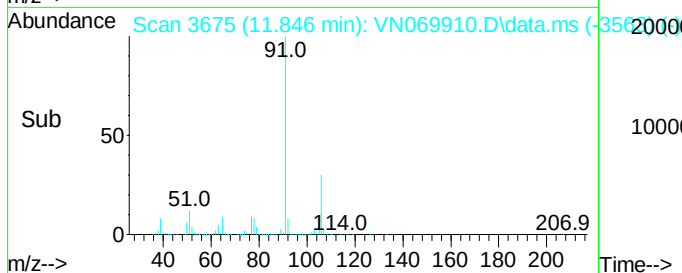
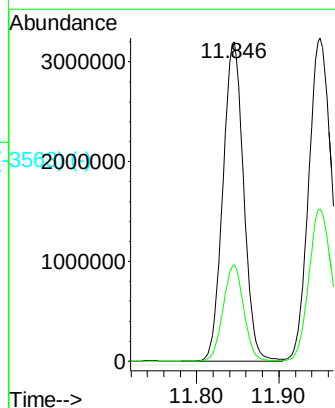
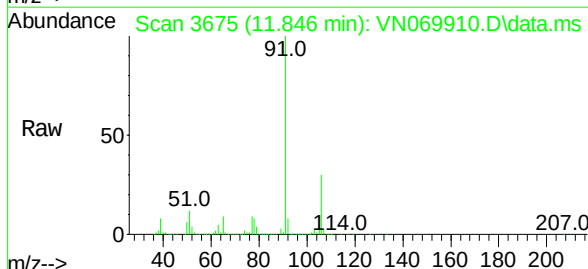
Manual Integrations
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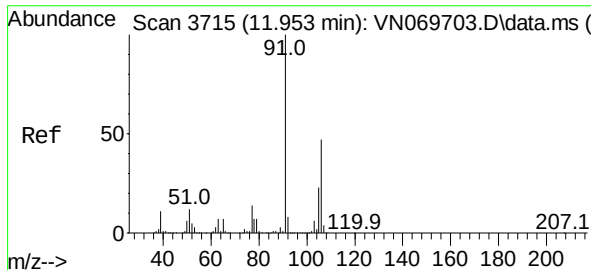
Reviewed By :Mahesh Dadoda 12/22/2021
Supervised By :Semsettin Yesilyurt 12/22/2021



Ethyl Benzene
Concen: 60.262 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion: 91 Resp: 5605801
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5





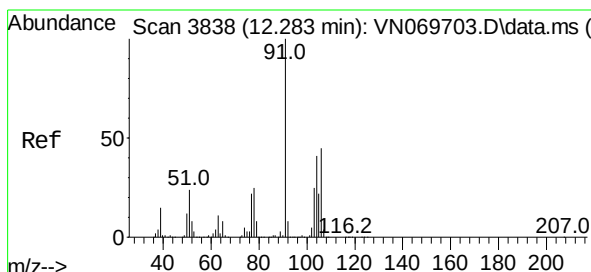
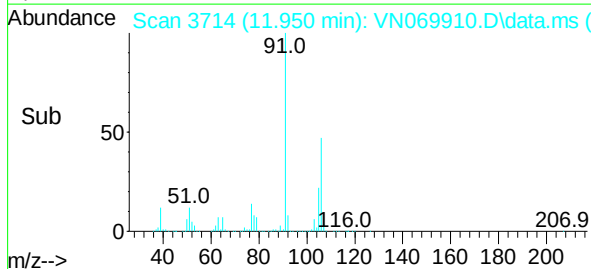
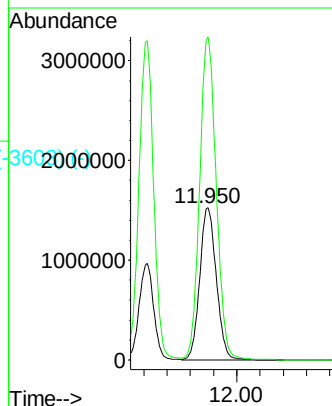
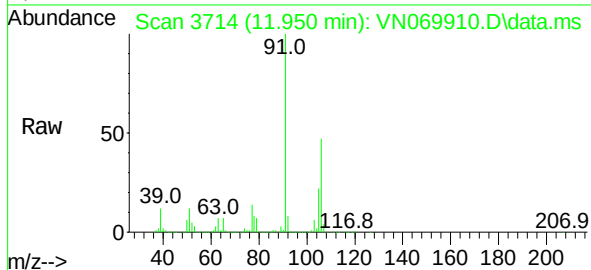
m/p-Xylenes
Concen: 88.996 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
Client Sample Id :
MW-17

Tgt Ion:106 Resp: 301435
Ion Ratio Lower Upper
106 100
91 212.5 160.6 240.8

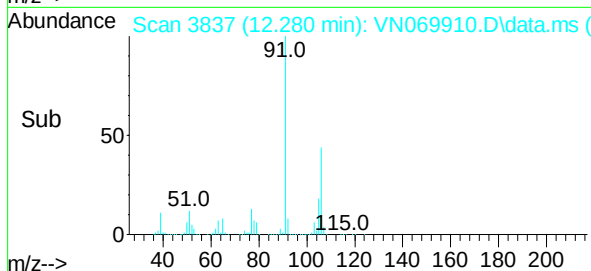
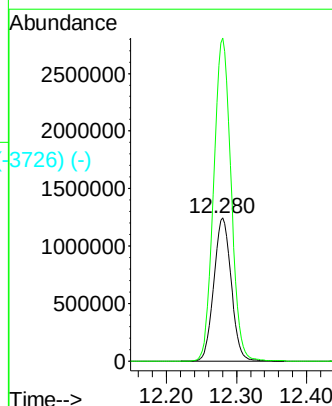
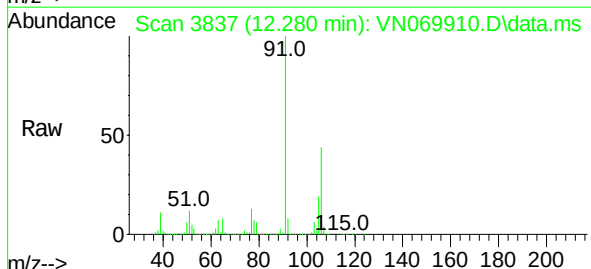
Manual Integrations
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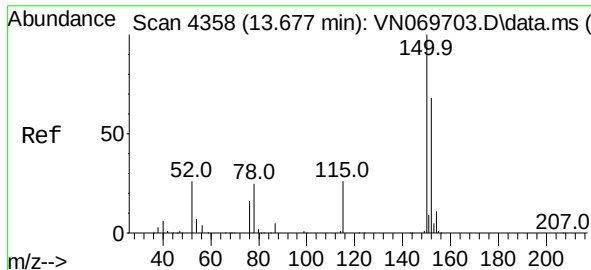
Reviewed By :Mahesh Dadoda 12/22/2021
Supervised By :Semsettin Yesilyurt 12/22/2021



o-Xylene
Concen: 62.488 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion:106 Resp: 2131917
Ion Ratio Lower Upper
106 100
91 226.1 105.8 317.3





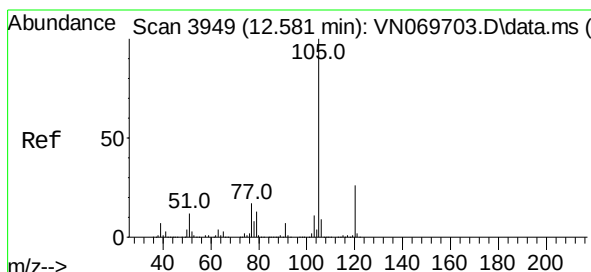
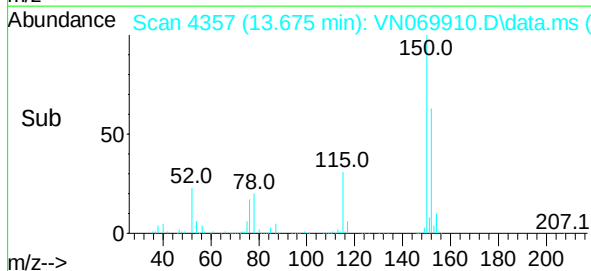
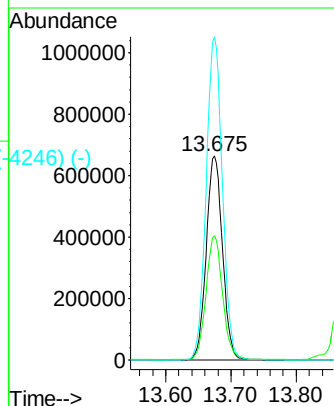
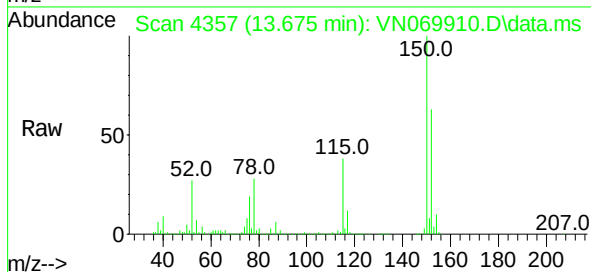
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4359
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
ClientSampleId :
MW-17

Tgt Ion:152 Resp: 114644
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 158.0 0.0 344.4

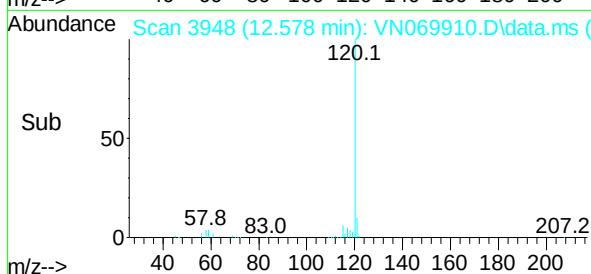
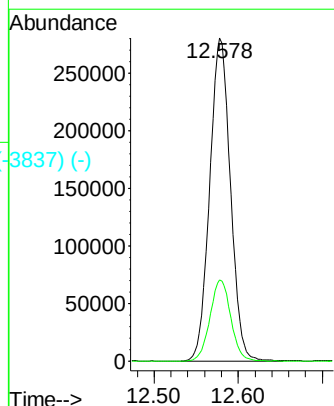
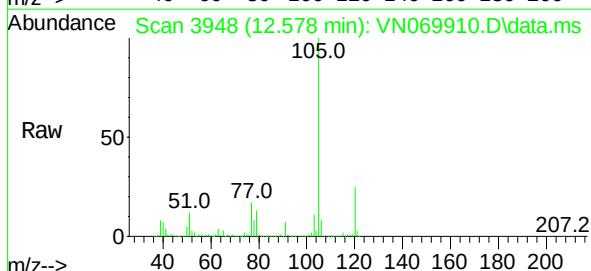
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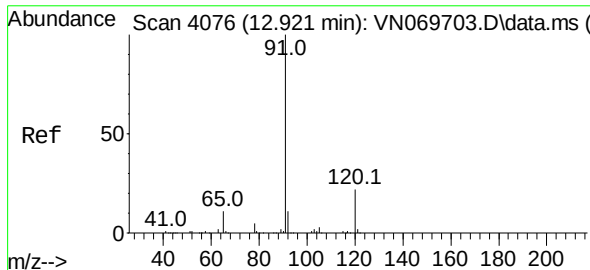
Reviewed By :Mahesh Dadoda 12/22/2021
Supervised By :Semsettin Yesilyurt 12/22/2021



Isopropylbenzene
Concen: 4.710 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion:105 Resp: 480433
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1





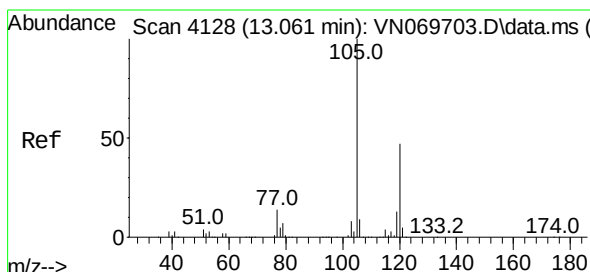
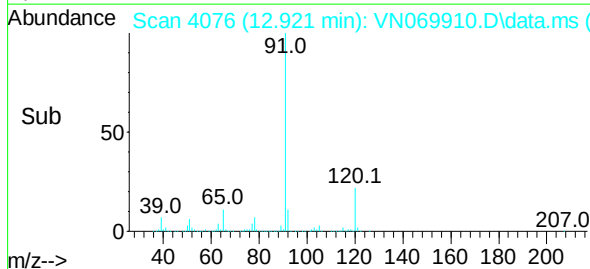
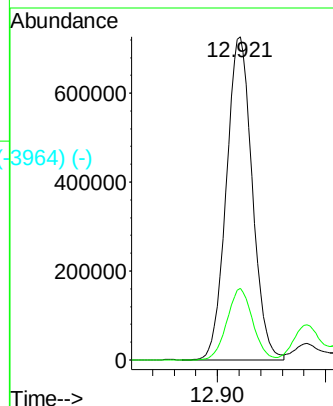
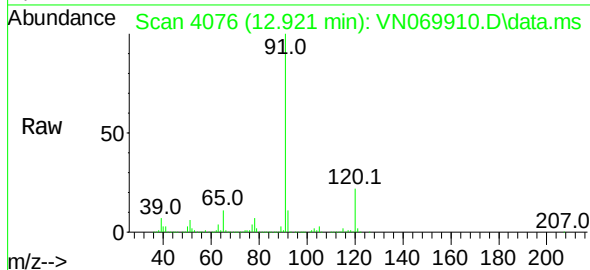
n-propylbenzene
Concen: 10.650 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Instrument :
MSVOA_N
Client Sample Id :
MW-17

Tgt Ion: 91 Resp: 120886
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9

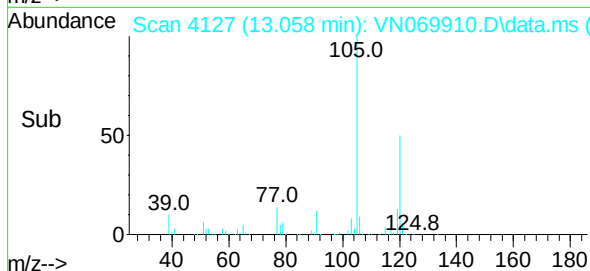
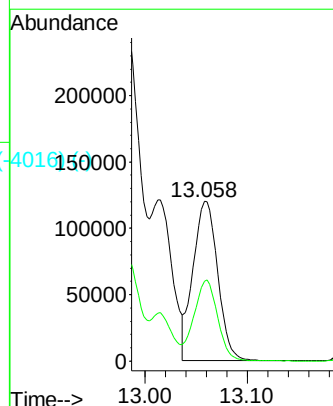
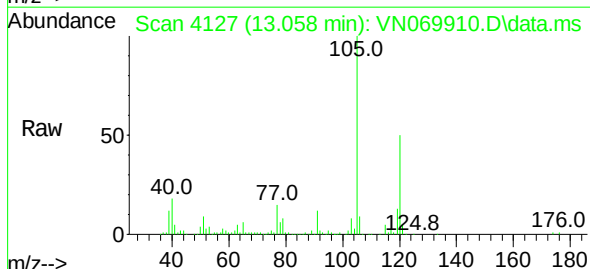
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1,3,5-Trimethylbenzene
Concen: 2.458 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

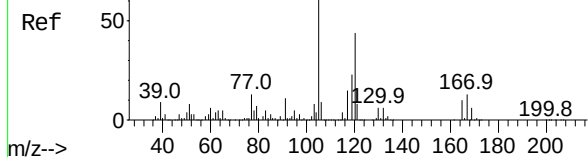
Tgt Ion:105 Resp: 201833
Ion Ratio Lower Upper
105 100
120 47.9 24.6 73.6



Abundance Scan 4243 (13.369 min): VN069703.D\data.ms (-4243) (-)

1,2,4-Trimethylbenzene
Concen: 56.017 ug/l
RT: 13.366 min Scan# 4131
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

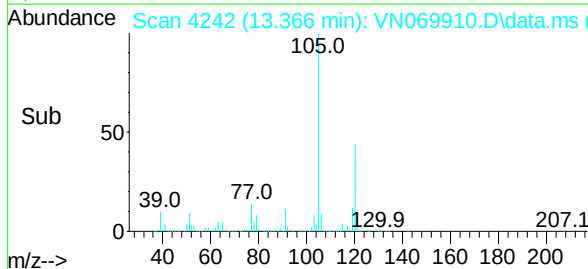
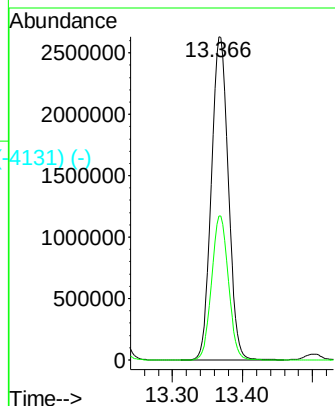
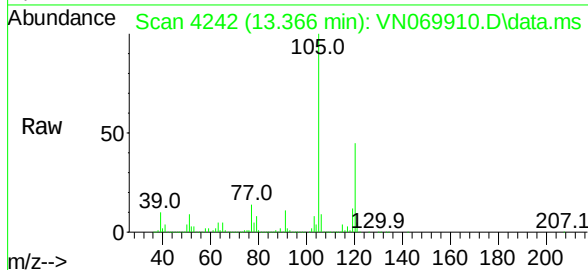
Instrument :
MSVOA_N
Client Sample Id :
MW-17



Tgt Ion:105 Resp: 437984
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4

Manual Integrations
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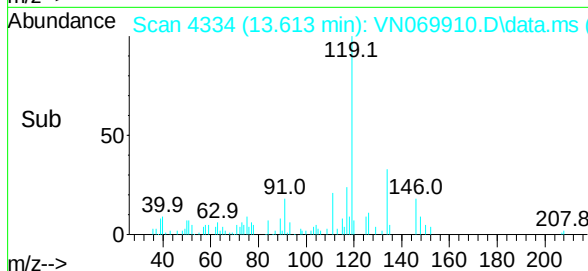
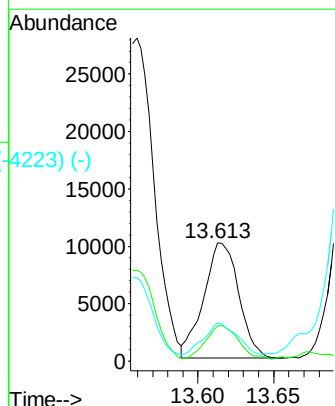
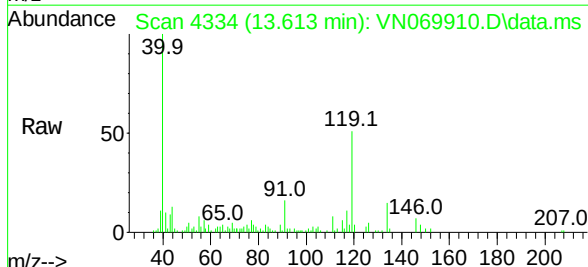
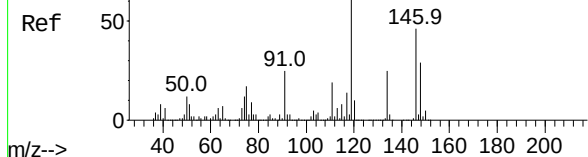
Reviewed By :Mahesh Dadoda 12/22/2021
Supervised By :Semsettin Yesilyurt 12/22/2021

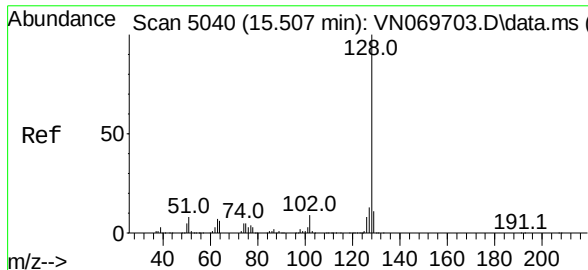


Abundance Scan 4335 (13.616 min): VN069703.D\data.ms (-4335) (-)

p-Isopropyltoluene
Concen: 0.210 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.003 min
Lab File: VN069910.D
Acq: 9 Dec 2021 14:39

Tgt Ion:119 Resp: 16195
Ion Ratio Lower Upper
119 100
134 27.4 13.6 40.7
91 0.0 11.4 34.1#





Naphthalene
 Concen: 12.590 ug/l
 RT: 15.504 min Scan# 4195
 Delta R.T. -0.003 min
 Lab File: VN069910.D
 Acq: 9 Dec 2021 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Tgt Ion:	128	Resp:	52387
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.4	8.7	13.1

Manual Integrations
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 Supervised By :Semsettin Yesilyurt 12/22/2021

