

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025997.D
 Acq On : 24 Dec 2021 02:29
 Operator : JC/MD
 Sample : M5121-08ME
 Misc : 5.20g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGL63ME

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/26/2021
 Supervised By : Mahesh Dadoda 12/28/2021

Quant Time: Dec 24 06:49:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	228417	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	212764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	118981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	91573	56.534	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.060%			
7) Chloroethane-d5	1.654	69	29304	22.638	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 45.280%#			
11) 1,1-Dichloroethene-d2	2.269	63	137502	42.837	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.680%			
21) 2-Butanone-d5	4.507	46	109094	77.683	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery = 77.680%			
24) Chloroform-d	5.062	84	156091	48.154	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.300%			
26) 1,2-Dichloroethane-d4	5.964	65	111735	50.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.820%			
32) Benzene-d6	5.970	84	341917	55.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.660%			
36) 1,2-Dichloropropane-d6	7.311	67	105157	55.240	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 110.480%			
41) Toluene-d8	8.652	98	299196	52.326	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.660%			
43) trans-1,3-Dichloroprop...	8.957	79	26719	32.261	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.520%			
47) 2-Hexanone-d5	9.408	63	108468	110.404	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.400%			
56) 1,1,2,2-Tetrachloroeth...	11.201	84	136470	48.618	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.240%			
66) 1,2-Dichlorobenzene-d4	12.323	152	123583	54.966	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.940%			
Target Compounds						
13) Acetone	2.422	43	6123m	7.975	ug/L	
15) Methyl Acetate	2.727	43	5675	2.682	ug/L #	91
29) Cyclohexane	5.488	56	7340m	2.627	ug/L	
35) Methylcyclohexane	7.372	83	34249	12.521	ug/L	90
42) Toluene	8.720	91	11124	1.546	ug/L	97
52) Ethylbenzene	10.195	91	29282	3.752	ug/L	98
53) m,p-Xylene	10.305	106	10747	3.608	ug/L	86
54) o-Xylene	10.646	106	8685	2.944	ug/L	84
60) Isopropylbenzene	10.969	105	36794m	4.501	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	44643	6.523	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	158442m	23.108	ug/L	
67) 1,2-Dichlorobenzene	12.341	146	97284	26.976	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	110776	50.802	ug/L	96
72) 1,2,3-Trichlorobenzene	13.962	180	39423m	17.507	ug/L	

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

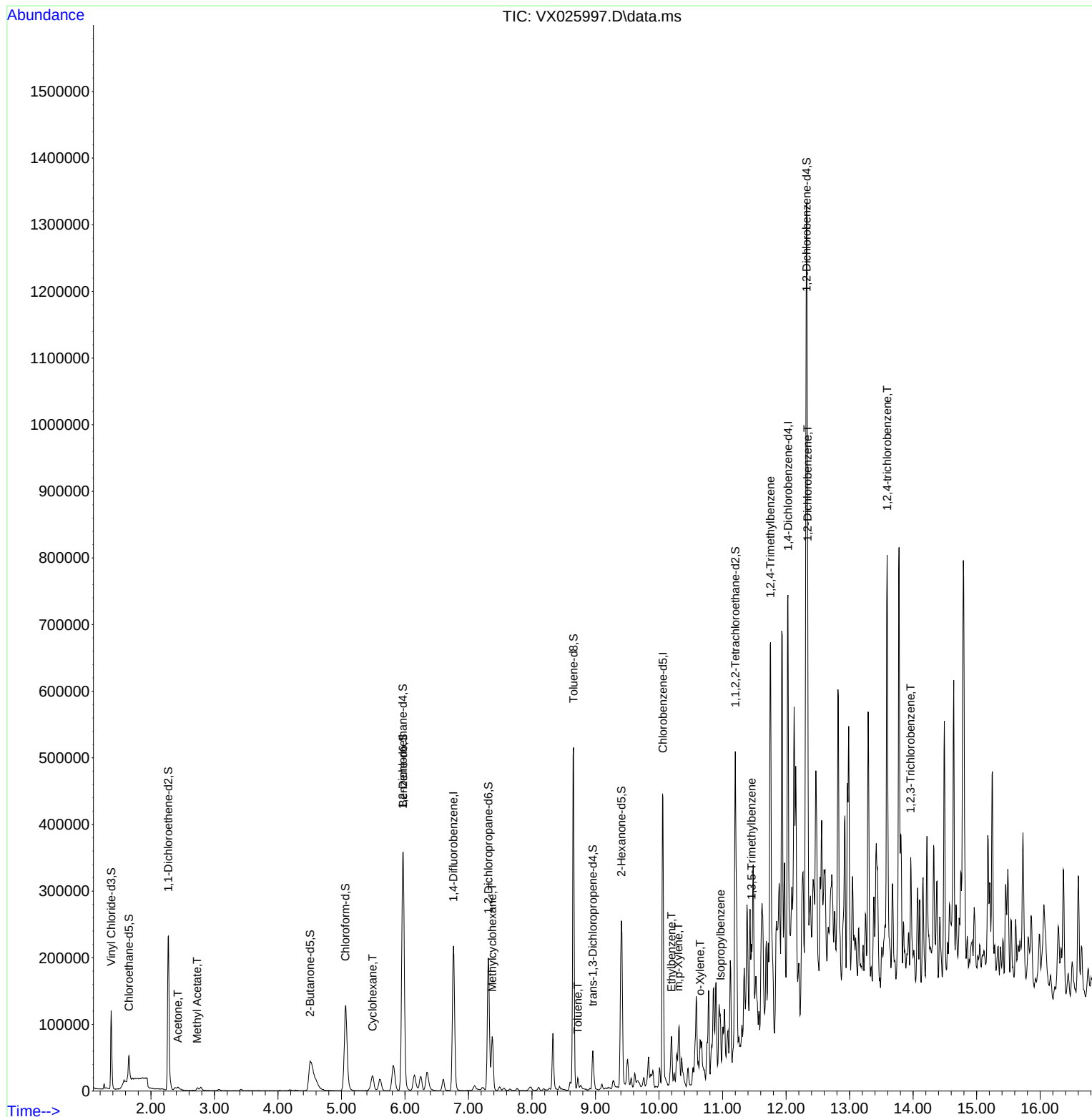
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025997.D
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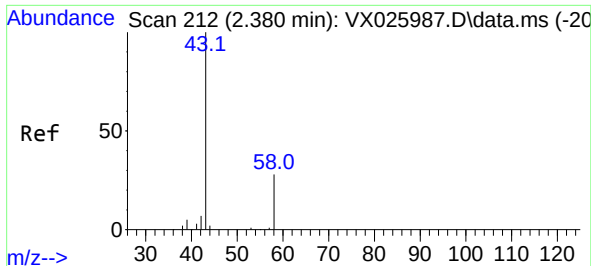
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME

Quant Time: Dec 24 06:49:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

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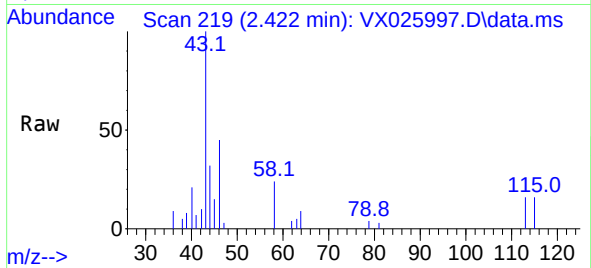
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021





#13
Acetone
Concen: 7.975 ug/L m
RT: 2.422 min Scan# 212
Delta R.T. 0.042 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

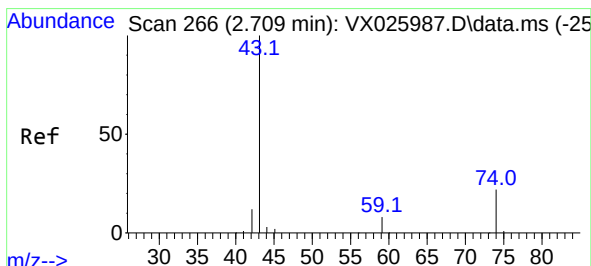
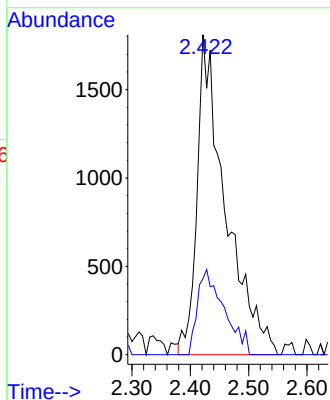
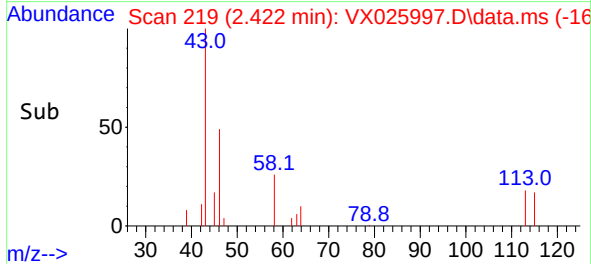
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 22.7 0.0 65.6

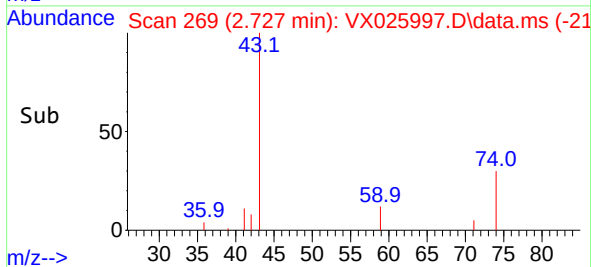
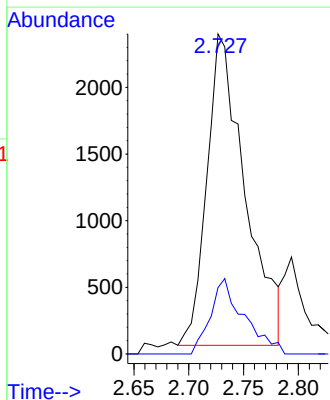
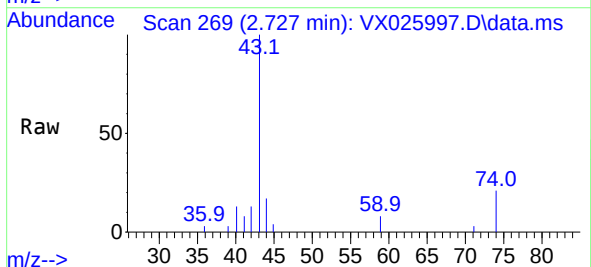
Manual Integrations
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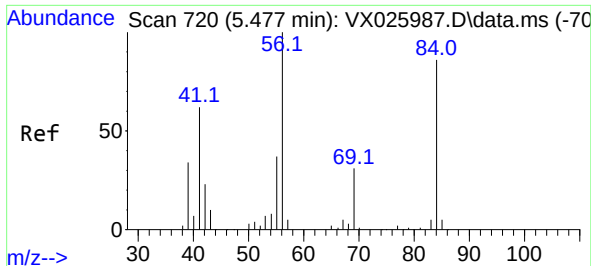
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#15
Methyl Acetate
Concen: 2.682 ug/L
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

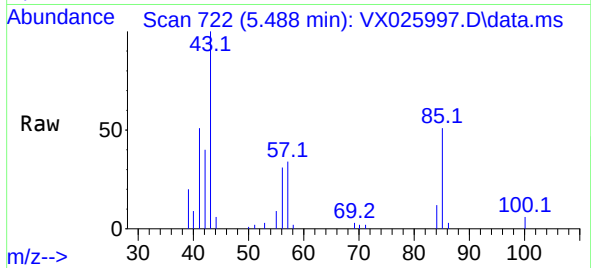
Tgt Ion: 43 Resp: 5675
Ion Ratio Lower Upper
43 100
74 21.1 0.1 0.1#





#29
Cyclohexane
Concen: 2.627 ug/L m
RT: 5.488 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

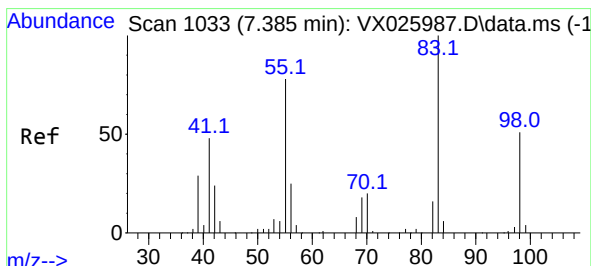
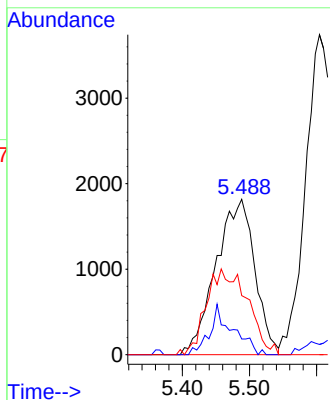
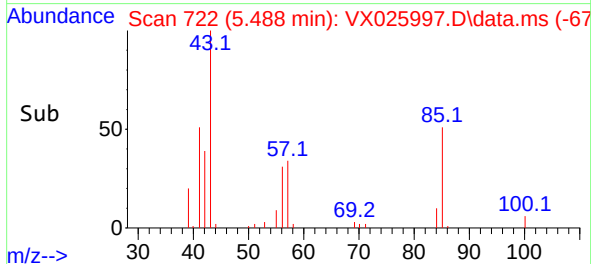
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



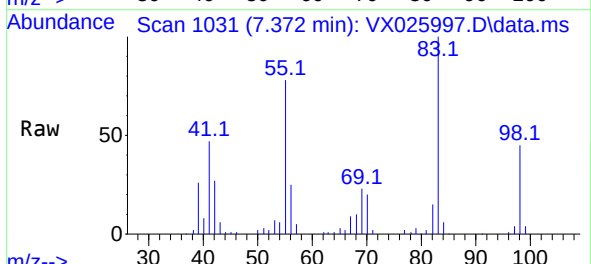
Tgt Ion: 56 Resp: 7340
Ion Ratio Lower Upper
56 100
69 12.7 25.4 38.2
84 25.4 76.6 114.8

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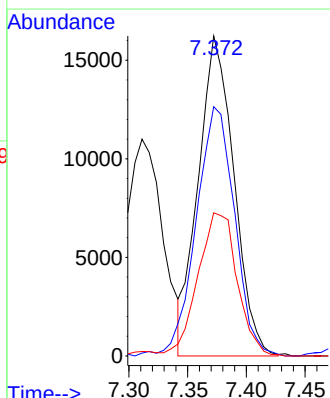
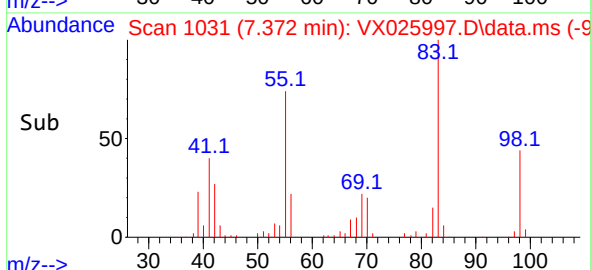
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

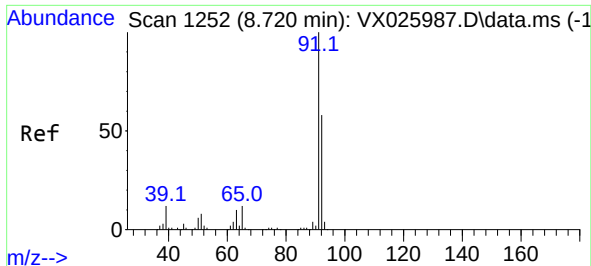


#35
Methylcyclohexane
Concen: 12.521 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29



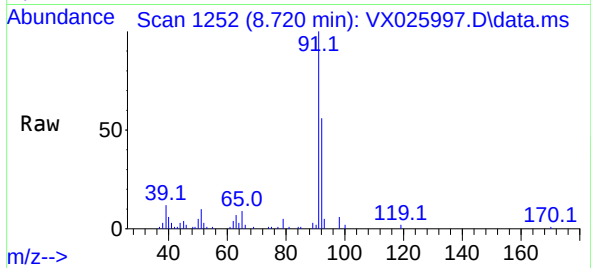
Tgt Ion: 83 Resp: 34249
Ion Ratio Lower Upper
83 100
55 83.7 57.3 85.9
98 49.1 41.1 61.7





#42
Toluene
Concen: 1.546 ug/L
RT: 8.720 min Scan# 11124
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

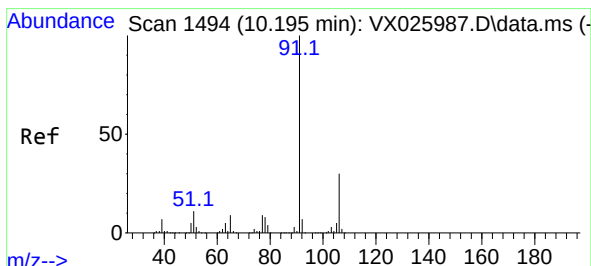
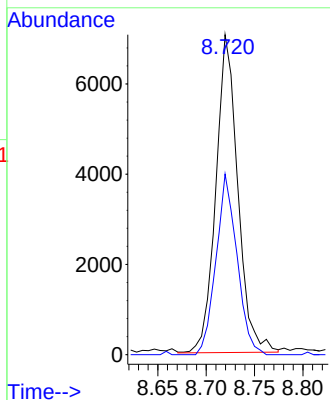
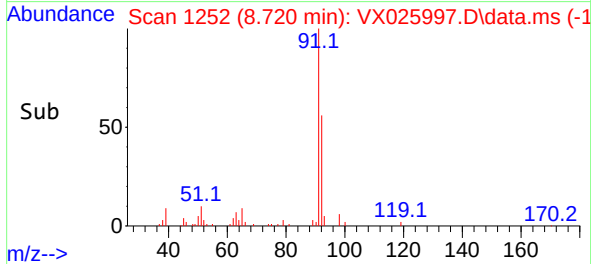
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



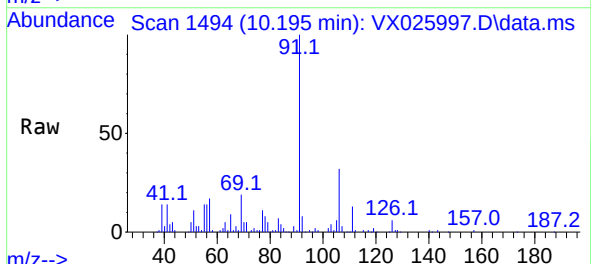
Tgt Ion: 91 Resp: 11124
Ion Ratio Lower Upper
91 100
92 56.4 41.2 76.6

Manual Integrations
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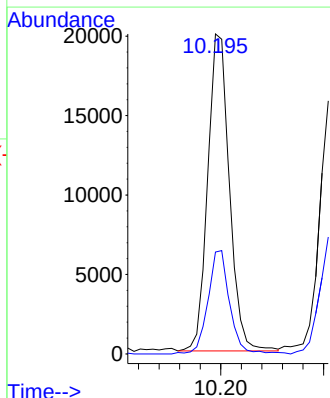
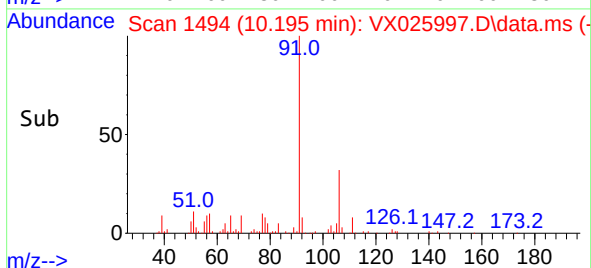
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

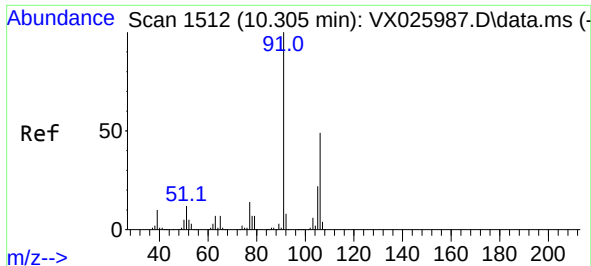


#52
Ethylbenzene
Concen: 3.752 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29



Tgt Ion: 91 Resp: 29282
Ion Ratio Lower Upper
91 100
106 31.8 23.1 42.9





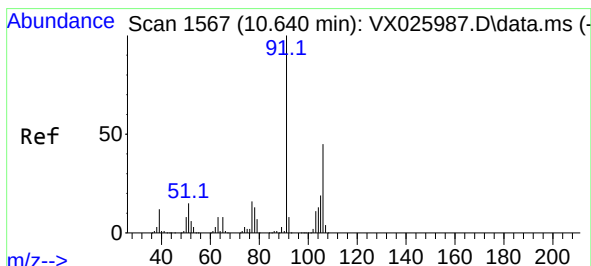
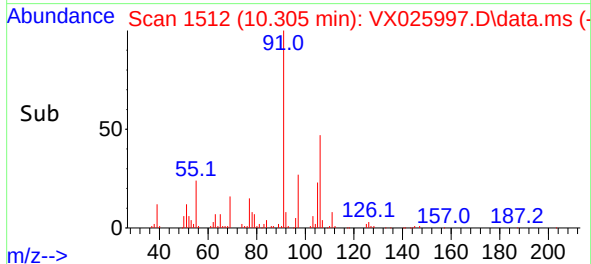
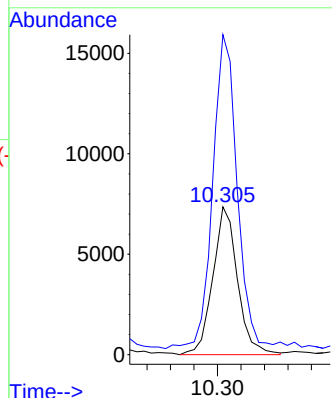
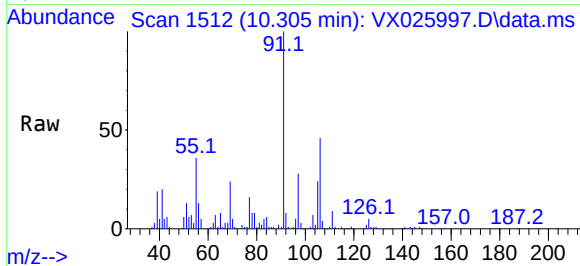
#53
m,p-Xylene
Concen: 3.608 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

Instrument :
MSVOA_X
ClientSampleId :
BGL63ME

Tgt Ion:106 Resp: 1074
Ion Ratio Lower Upper
106 100
91 216.4 136.8 254.2

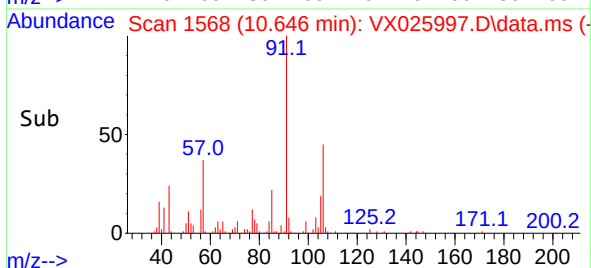
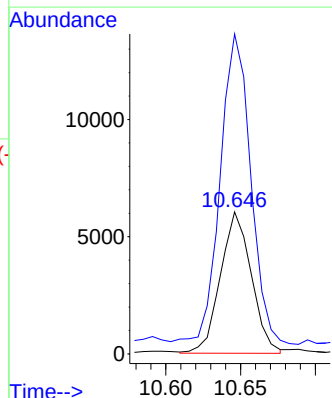
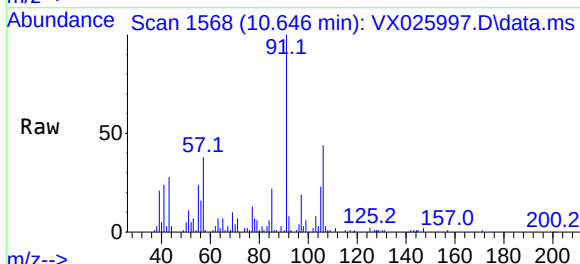
Manual Integrations
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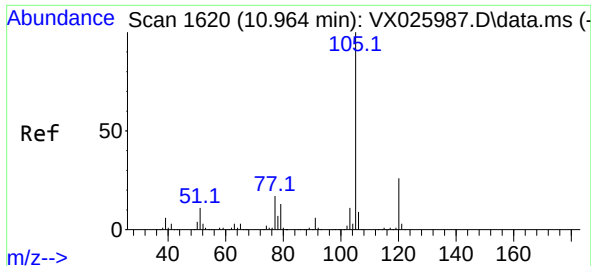
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#54
o-Xylene
Concen: 2.944 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

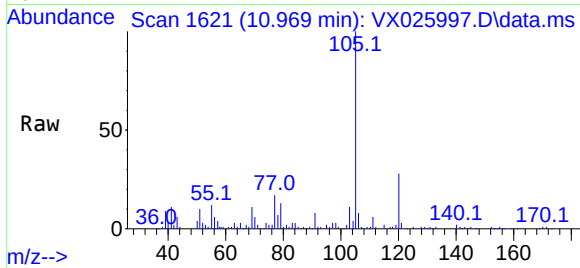
Tgt Ion:106 Resp: 8685
Ion Ratio Lower Upper
106 100
91 225.1 140.5 260.9





#60
Isopropylbenzene
Concen: 4.501 ug/L m
RT: 10.969 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

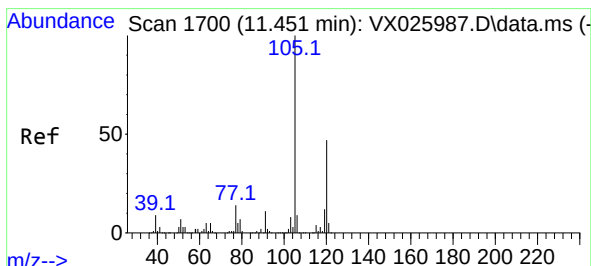
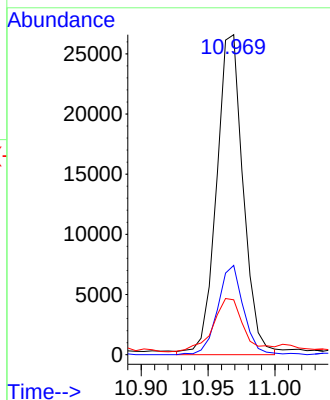
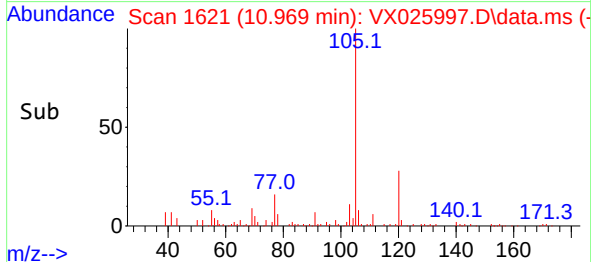
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



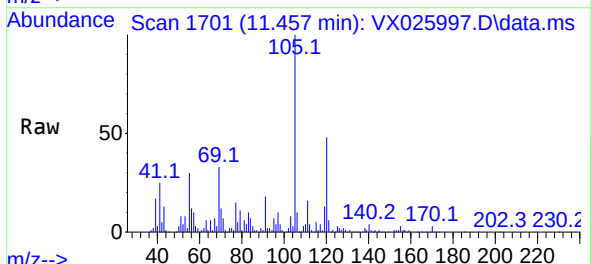
Tgt Ion:105 Resp: 36794
Ion Ratio Lower Upper
105 100
120 41.1 22.3 33.5
77 19.4 11.5 17.3

Manual Integrations
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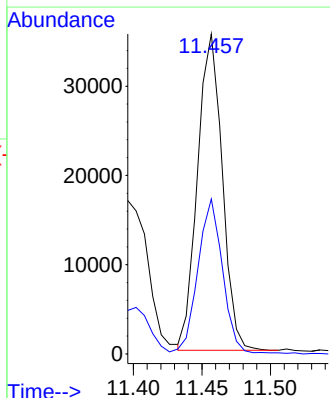
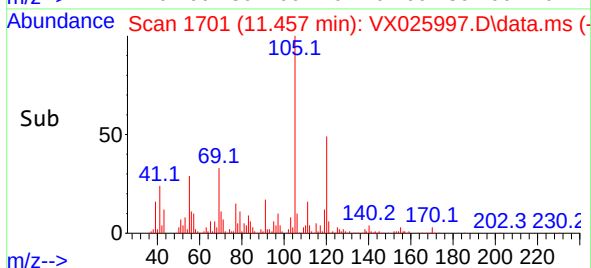
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

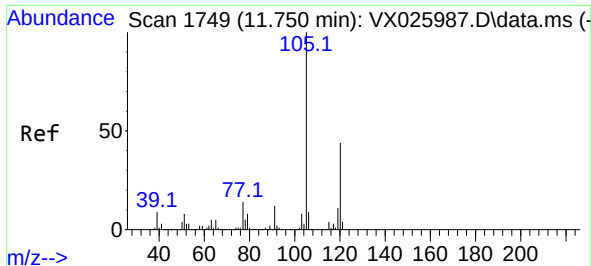


#62
1,3,5-Trimethylbenzene
Concen: 6.523 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29



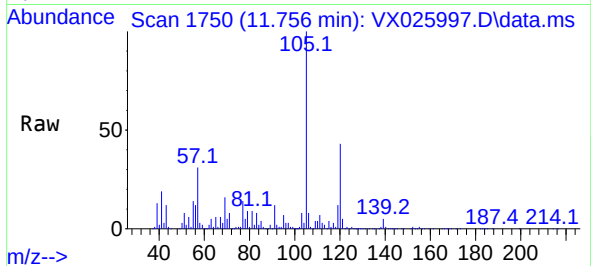
Tgt Ion:105 Resp: 44643
Ion Ratio Lower Upper
105 100
120 48.4 41.0 61.4





#63
1,2,4-Trimethylbenzene
Concen: 23.108 ug/L m
RT: 11.756 min Scan# 11749
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

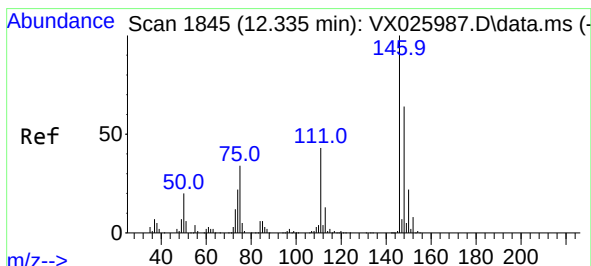
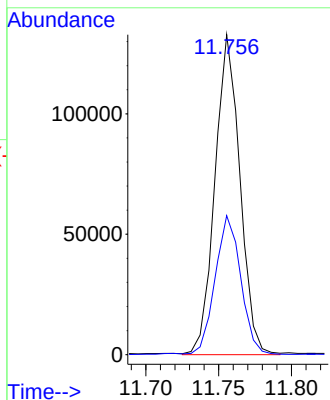
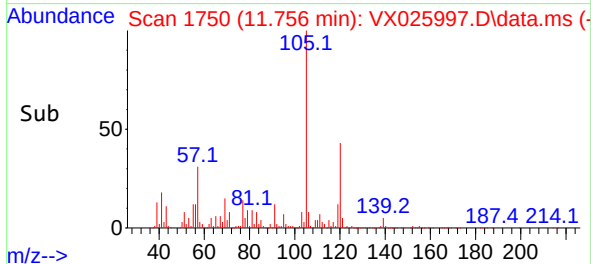
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



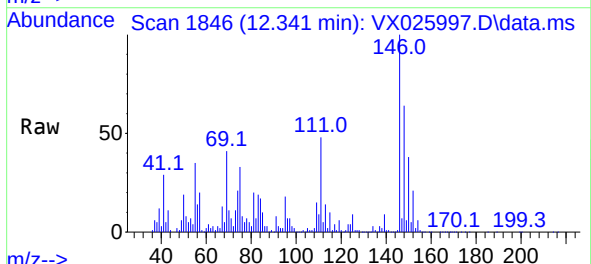
Tgt Ion:105 Resp: 15844
Ion Ratio Lower Upper
105 100
120 0.0 0.1 0.1

Manual Integrations
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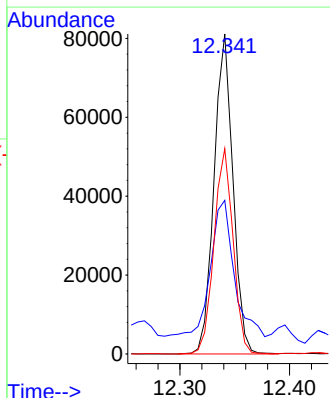
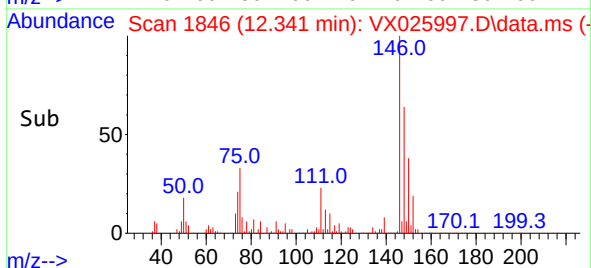
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

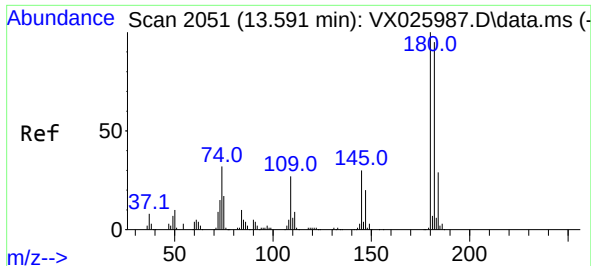


#67
1,2-Dichlorobenzene
Concen: 26.976 ug/L
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29



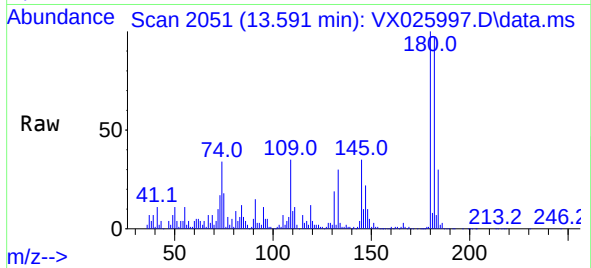
Tgt Ion:146 Resp: 97284
Ion Ratio Lower Upper
146 100
111 48.0 32.3 48.5
148 64.1 50.3 75.5





#70
1,2,4-trichlorobenzene
Concen: 50.802 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29

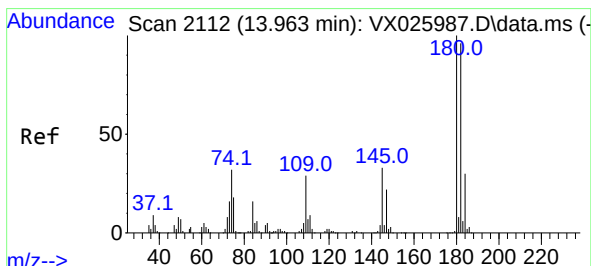
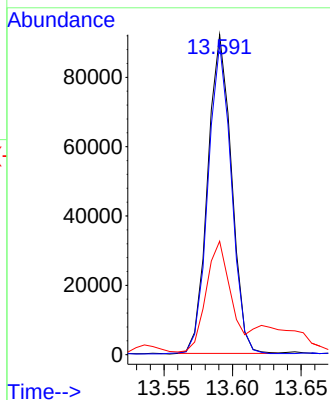
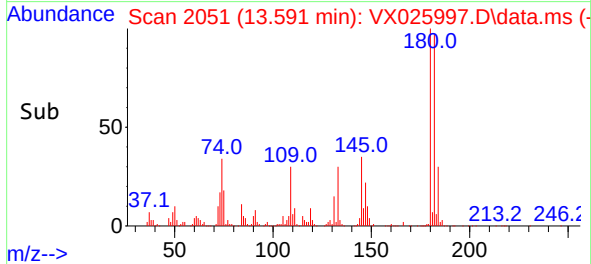
Instrument :
MSVOA_X
ClientSampleId :
BGL63ME



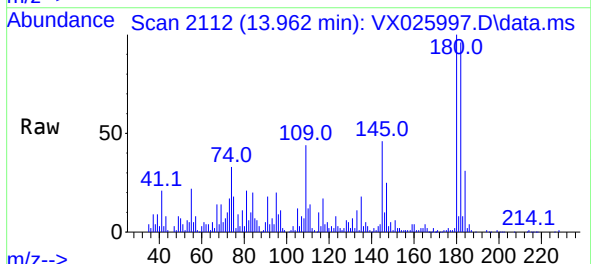
Tgt Ion:180 Resp: 110770
Ion Ratio Lower Upper
180 100
182 95.0 78.2 117.4
145 36.0 24.7 37.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#72
1,2,3-Trichlorobenzene
Concen: 17.507 ug/L m
RT: 13.962 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX025997.D
Acq: 24 Dec 2021 02:29



Tgt Ion:180 Resp: 39423
Ion Ratio Lower Upper
180 100
182 261.1 75.2 112.8#
145 82.2 25.8 38.6#

