

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025995.D
 Acq On : 24 Dec 2021 01:42
 Operator : JC/MD
 Sample : M5153-02ME
 Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGL67ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 06:49:24 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	229481	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	205028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	105136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	88439	54.346	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.700%			
7) Chloroethane-d5	1.654	69	33757	25.957	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 51.920%#			
11) 1,1-Dichloroethene-d2	2.276	63	145436	45.099	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.200%			
21) 2-Butanone-d5	4.501	46	130074	92.193	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 92.190%			
24) Chloroform-d	5.062	84	169238	51.967	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.940%			
26) 1,2-Dichloroethane-d4	5.958	65	120838	54.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.600%			
32) Benzene-d6	5.971	84	367784	62.321	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 124.640%			
36) 1,2-Dichloropropane-d6	7.312	67	111603	60.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 121.680%#			
41) Toluene-d8	8.653	98	330958	60.064	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 120.120%#			
43) trans-1,3-Dichloroprop...	8.952	79	31755	39.788	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.580%			
47) 2-Hexanone-d5	9.409	63	128318	135.536	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 135.540%#			
56) 1,1,2,2-Tetrachloroeth...	11.201	84	148814	55.016	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.040%			
66) 1,2-Dichlorobenzene-d4	12.323	152	126626	63.736	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 127.480%#			
Target Compounds						Qvalue
13) Acetone	2.422	43	19682	25.517	ug/L	90
14) Carbon disulfide	2.483	76	5232	1.228	ug/L	99
15) Methyl Acetate	2.727	43	11443	5.383	ug/L #	91
42) Toluene	8.720	91	11157	1.609	ug/L	94
51) Chlorobenzene	10.080	112	20259	4.642	ug/L	96
52) Ethylbenzene	10.195	91	22153	2.946	ug/L	91
53) m,p-Xylene	10.305	106	15343	5.345	ug/L	95
54) o-Xylene	10.646	106	6873	2.417	ug/L	93
60) Isopropylbenzene	10.964	105	7775m	1.076	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	16974	2.807	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	62916	10.384	ug/L #	81
65) 1,4-Dichlorobenzene	12.049	146	9324	2.873	ug/L	96
67) 1,2-Dichlorobenzene	12.341	146	10485	3.290	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	2536	1.316	ug/L #	89

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

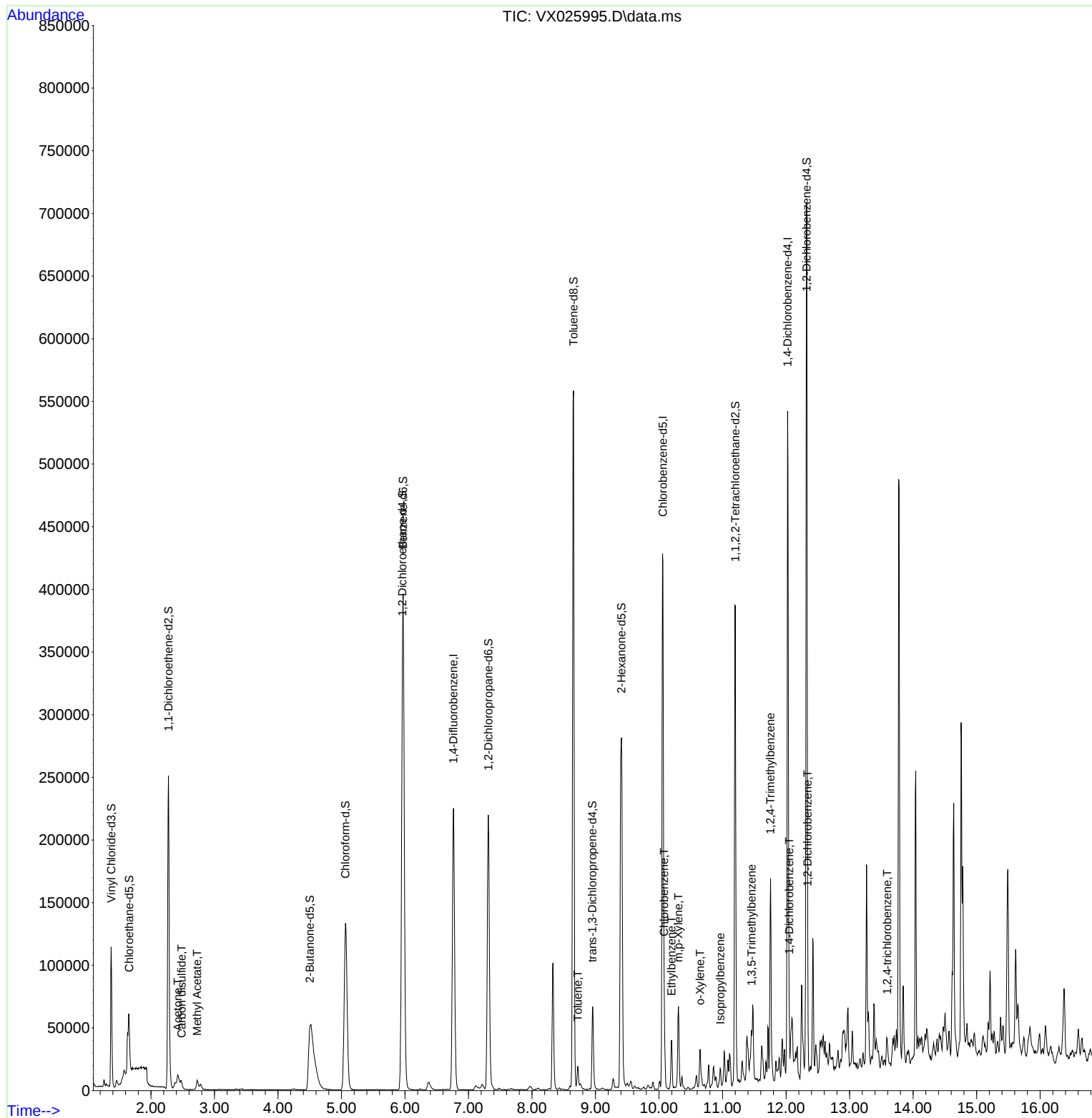
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
Data File : VX025995.D
Acq On : 24 Dec 2021 01:42
Operator : JC/MD
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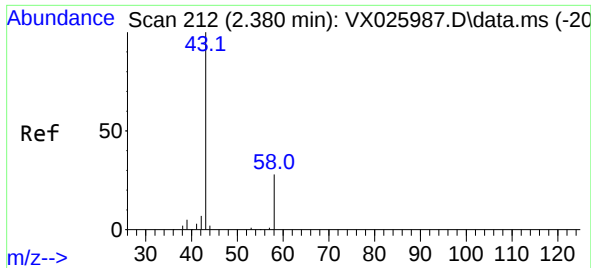
Instrument :
MSVOA_X
ClientSampleId :
BGL67ME

Quant Time: Dec 24 06:49:24 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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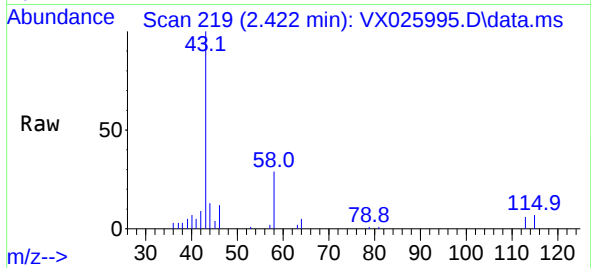
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021





#13
Acetone
Concen: 25.517 ug/L
RT: 2.422 min Scan# 212
Delta R.T. 0.043 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

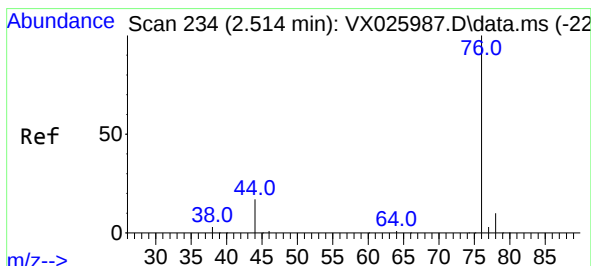
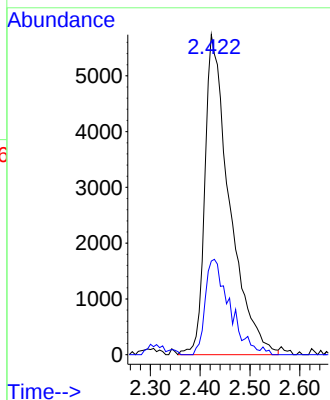
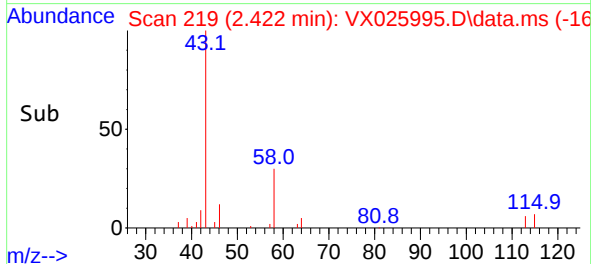
Instrument :
MSVOA_X
ClientSampleId :
BGL67ME



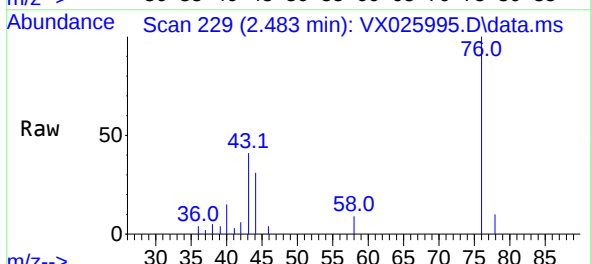
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Ion Ratio Lower Upper
43 100
58 27.3 0.0 65.6

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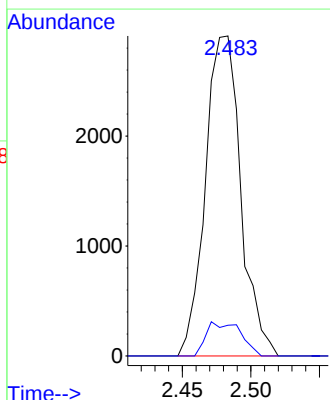
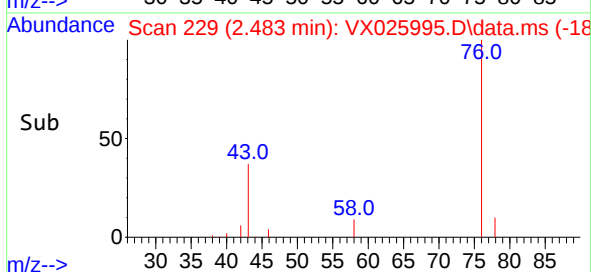
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

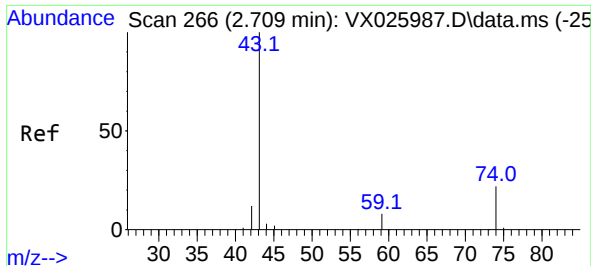


#14
Carbon disulfide
Concen: 1.228 ug/L
RT: 2.483 min Scan# 229
Delta R.T. -0.030 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42



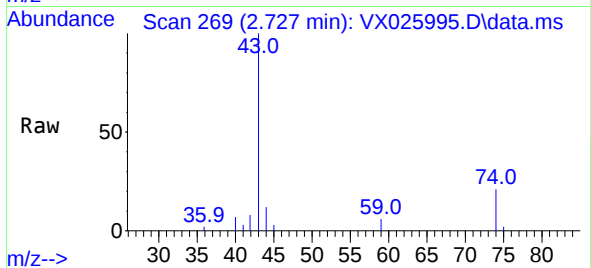
Tgt Ion: 76 Resp: 5232
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2





#15
Methyl Acetate
Concen: 5.383 ug/L
RT: 2.727 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

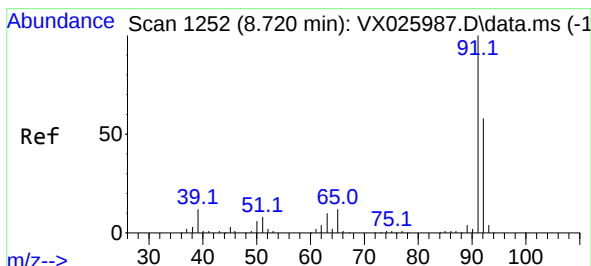
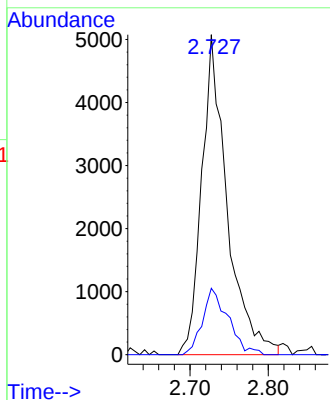
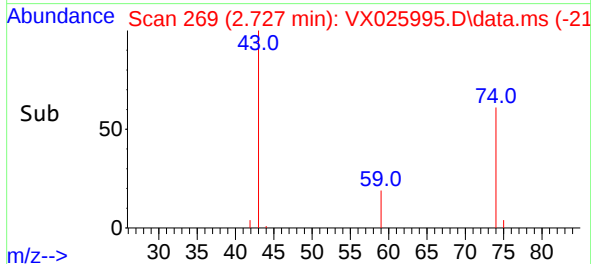
Instrument :
MSVOA_X
ClientSampleId :
BGL67ME



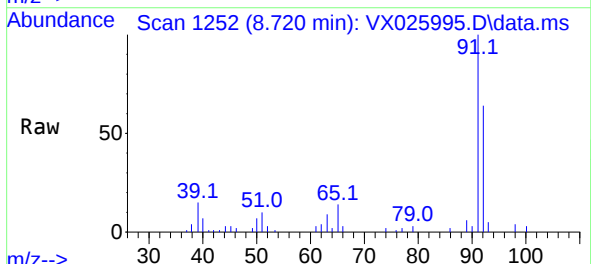
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Ion Ratio Lower Upper
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74 20.2 0.1 0.1

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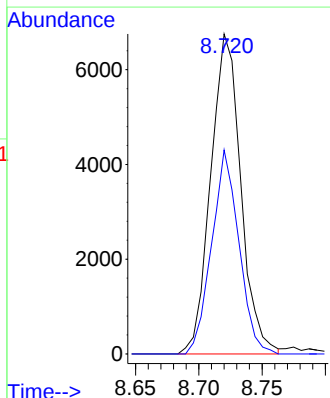
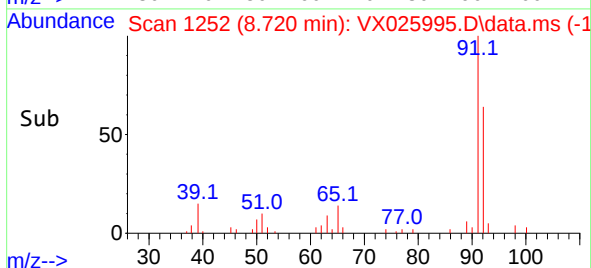
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021

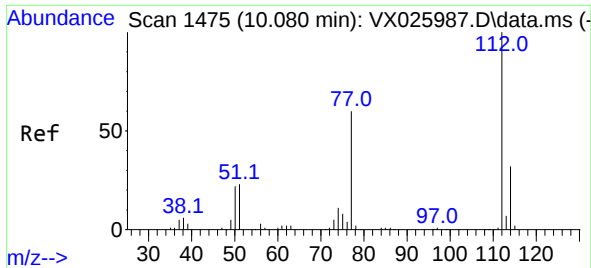


#42
Toluene
Concen: 1.609 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42



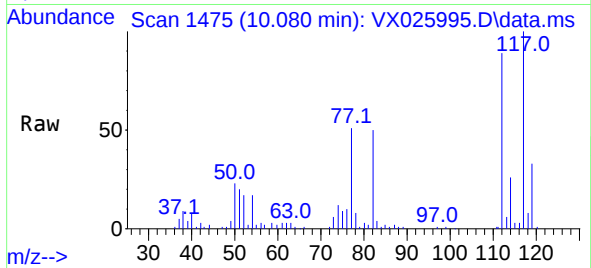
Tgt Ion: 91 Resp: 11157
Ion Ratio Lower Upper
91 100
92 63.8 41.2 76.6





#51
Chlorobenzene
Concen: 4.642 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

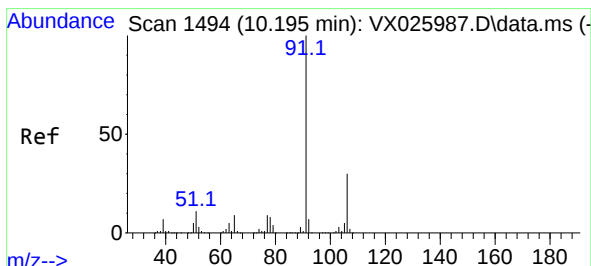
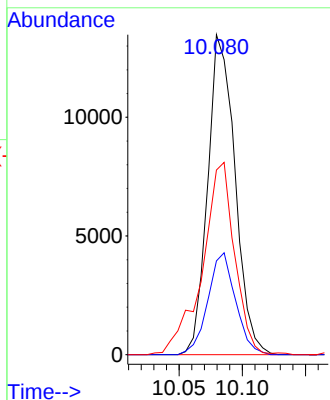
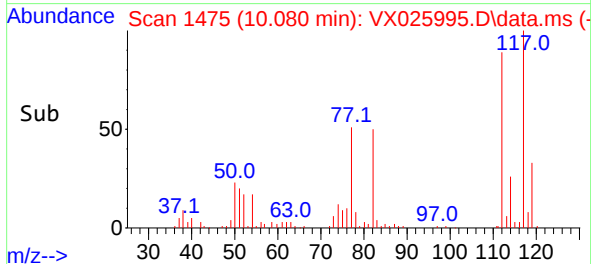
Instrument :
MSVOA_X
ClientSampleId :
BGL67ME



Tgt Ion:112 Resp: 20259
Ion Ratio Lower Upper
112 100
114 29.3 22.5 41.9
77 57.7 44.5 66.7

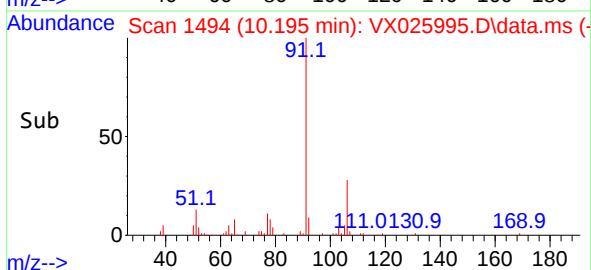
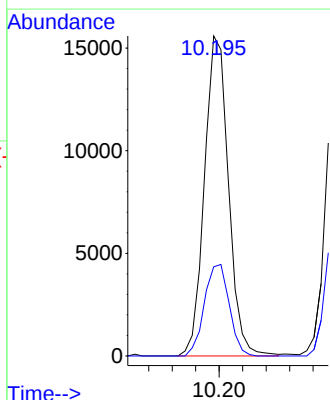
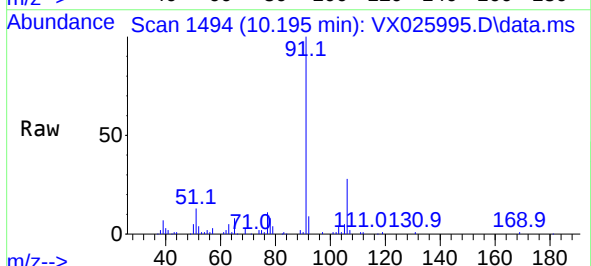
Manual Integrations
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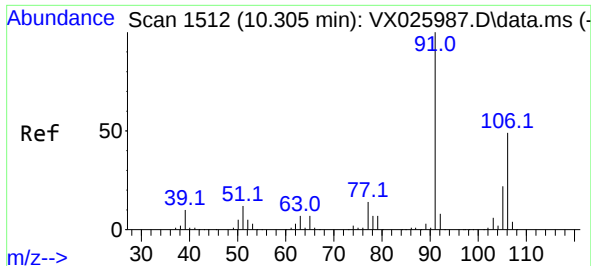
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#52
Ethylbenzene
Concen: 2.946 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

Tgt Ion: 91 Resp: 22153
Ion Ratio Lower Upper
91 100
106 27.8 23.1 42.9





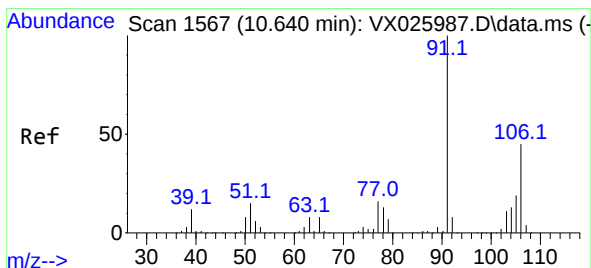
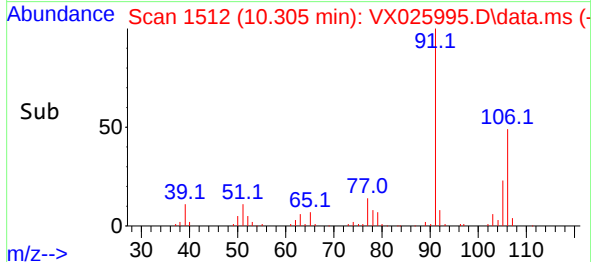
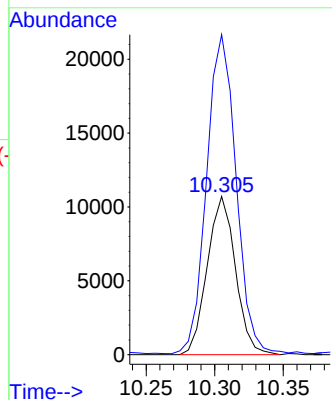
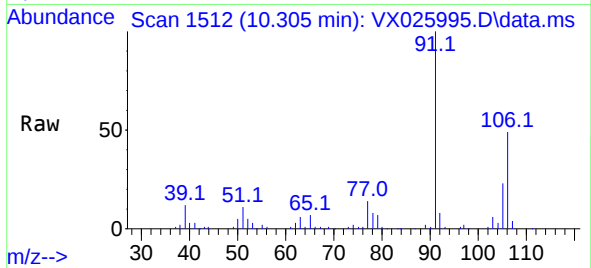
#53
m,p-Xylene
Concen: 5.345 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

Instrument :
MSVOA_X
ClientSampleId :
BGL67ME

Tgt Ion:106 Resp: 1534
Ion Ratio Lower Upper
106 100
91 202.3 136.8 254.2

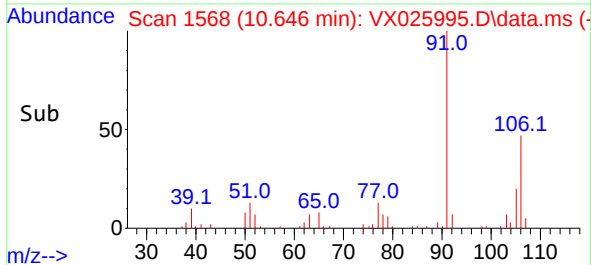
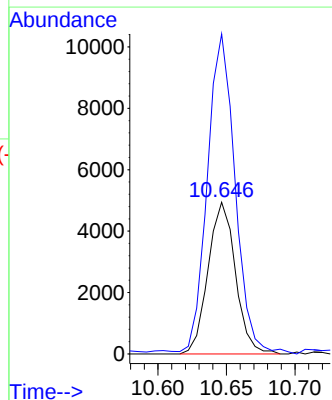
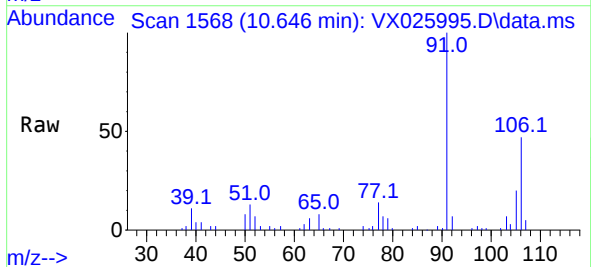
Manual Integrations
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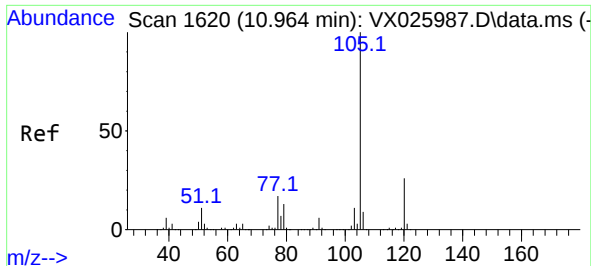
Reviewed By :Semsettin Yesilyurt 12/26/2021
Supervised By :Mahesh Dadoda 12/28/2021



#54
o-Xylene
Concen: 2.417 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

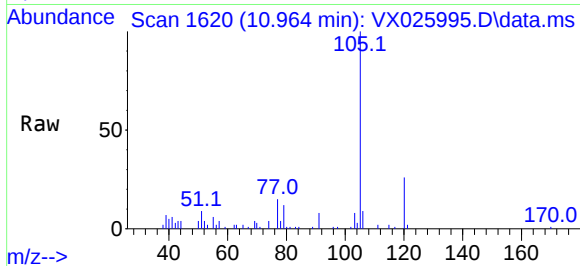
Tgt Ion:106 Resp: 6873
Ion Ratio Lower Upper
106 100
91 211.0 140.5 260.9





#60
Isopropylbenzene
Concen: 1.076 ug/L m
RT: 10.964 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

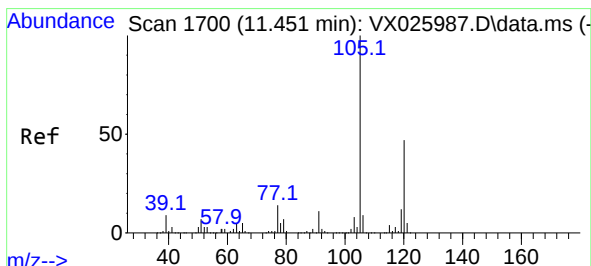
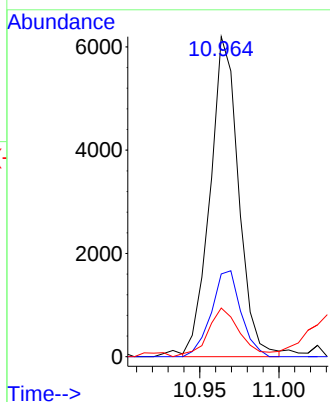
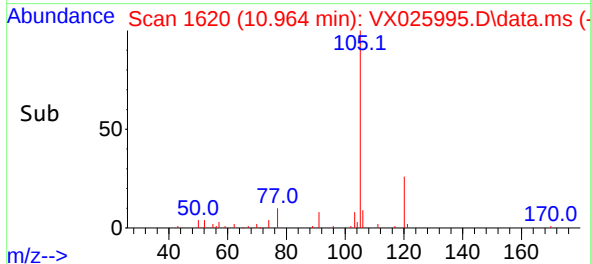
Instrument :
MSVOA_X
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BGL67ME



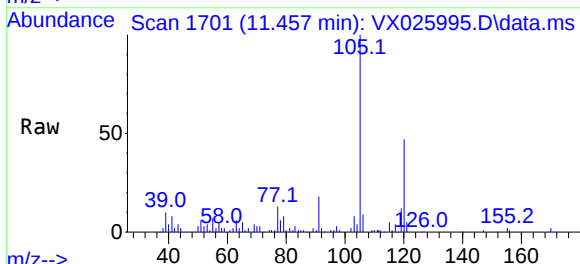
Tgt Ion:105 Resp: 7775
Ion Ratio Lower Upper
105 100
120 47.1 22.3 33.5
77 23.6 11.5 17.3

Manual Integrations
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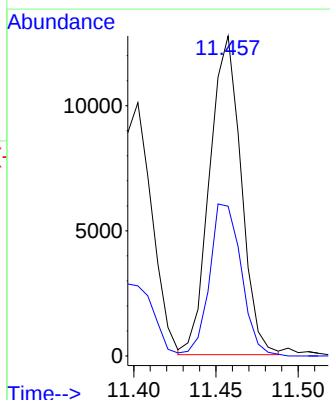
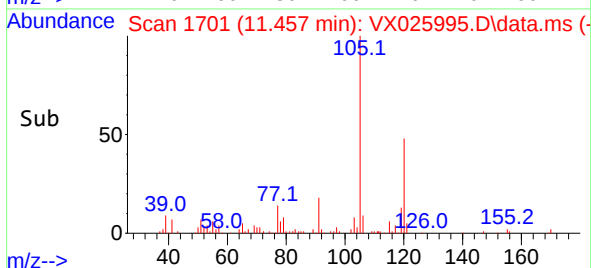
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Supervised By :Mahesh Dadoda 12/28/2021

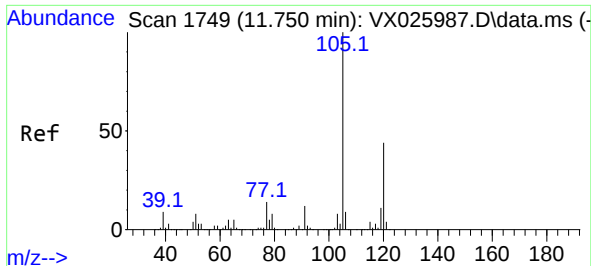


#62
1,3,5-Trimethylbenzene
Concen: 2.807 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42



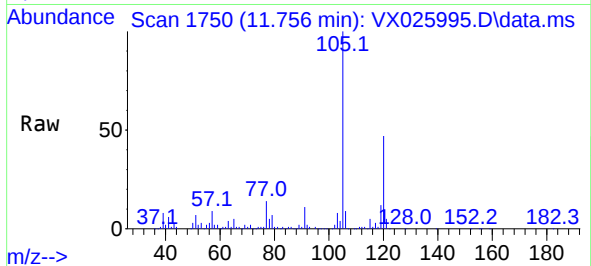
Tgt Ion:105 Resp: 16974
Ion Ratio Lower Upper
105 100
120 48.1 41.0 61.4





#63
1,2,4-Trimethylbenzene
Concen: 10.384 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42

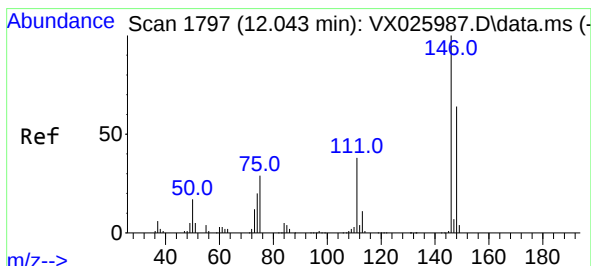
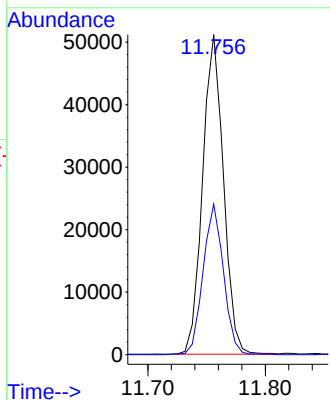
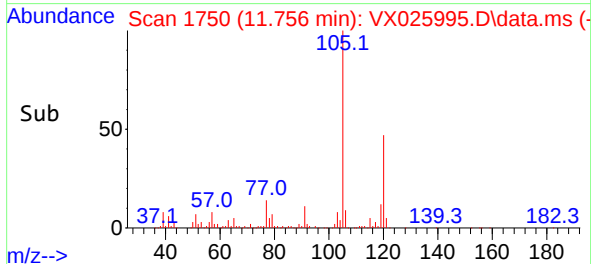
Instrument :
MSVOA_X
ClientSampleId :
BGL67ME



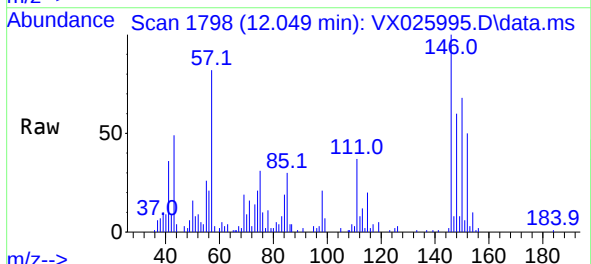
Tgt Ion:105 Resp: 62910
Ion Ratio Lower Upper
105 100
120 45.6 0.1 0.1

Manual Integrations
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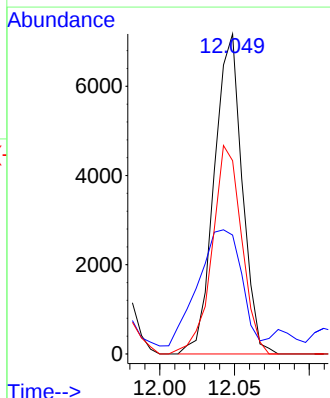
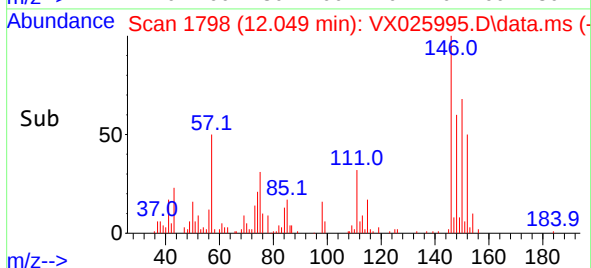
Reviewed By :Semsettin Yesilyurt 12/26/2021
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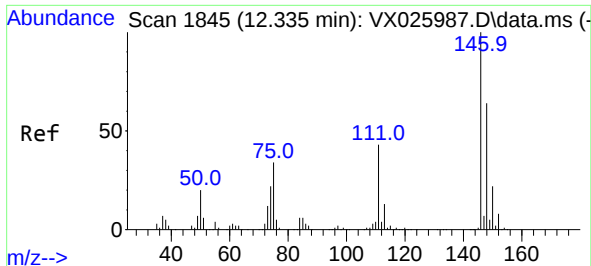


#65
1,4-Dichlorobenzene
Concen: 2.873 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX025995.D
Acq: 24 Dec 2021 01:42



Tgt Ion:146 Resp: 9324
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.3
148 60.4 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 3.290 ug/L

RT: 12.341 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025995.D

Acq: 24 Dec 2021 01:42

Instrument :

MSVOA_X

ClientSampleId :

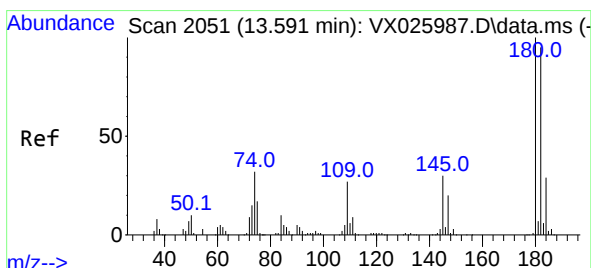
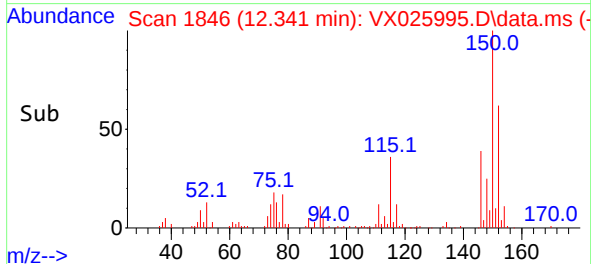
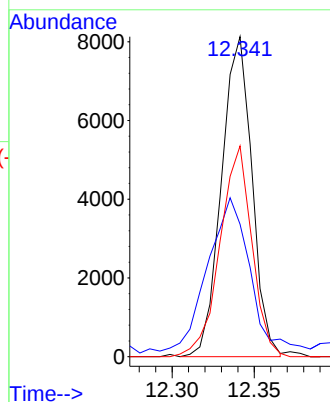
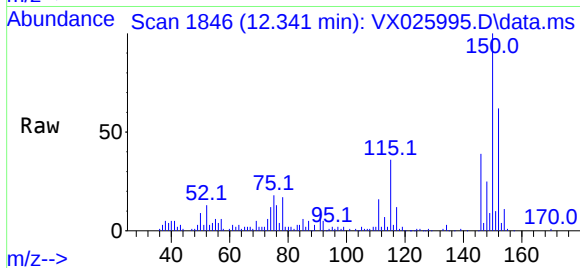
BGL67ME

Tgt Ion:146	Resp:	1048
Ion Ratio	Lower	Upper
146	100	
111	41.4	32.3 48.5
148	65.9	50.3 75.5

Manual Integrations

APPROVED

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



#70

1,2,4-trichlorobenzene

Concen: 1.316 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX025995.D

Acq: 24 Dec 2021 01:42

Tgt Ion:180	Resp:	2536
Ion Ratio	Lower	Upper
180	100	
182	98.2	78.2 117.4
145	54.6	24.7 37.1#

