

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
 Data File : VU051672.D
 Acq On : 01 Nov 2022 23:36
 Operator : JC/MD
 Sample : N5319-08DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1DL

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 02 04:07:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 02 03:06:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	200845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	207653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	99002	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	79156	5.233	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.600%			
7) Chloroethane-d5	1.909	69	69665	4.416	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.400%			
11) 1,1-Dichloroethene-d2	2.565	65	31331	5.707	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 114.200%			
20) 2-Butanone-d5	4.620	46	187129	34.159	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 68.320%			
24) Chloroform-d	5.060	84	145929	4.123	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.400%			
26) 1,2-Dichloroethane-d4	5.700	65	78851	4.124	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
32) Benzene-d6	5.726	84	303401	4.630	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
36) 1,2-Dichloropropane-d6	6.687	67	99977	4.363	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.200%			
41) Toluene-d8	7.896	98	244131	4.737	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.800%			
43) trans-1,3-Dichloroprop...	8.179	79	31272	4.463	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.629	63	156177	37.029	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.060%			
56) 1,1,2,2-Tetrachloroeth...	10.755	84	84839	4.040	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 80.800%			
66) 1,2-Dichlorobenzene-d4	12.192	152	92857	5.110	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						
8) Chloroethane	1.932	64	6445	0.400	ug/L	88
16) Methylene chloride	3.044	84	6684	0.234	ug/L	96
22) cis-1,2-Dichloroethene	4.668	96	10237	0.494	ug/L	97
33) Benzene	5.771	78	1363583	16.640	ug/L	100
42) Toluene	7.967	91	1586805	18.855	ug/L	99
51) Chlorobenzene	9.446	112	129717	2.449	ug/L	99
52) Ethylbenzene	9.568	91	159032	1.958	ug/L	100
53) m,p-Xylene	9.690	106	285443	9.050	ug/L	100
54) o-Xylene	10.099	106	81601	2.647	ug/L	99
60) Isopropylbenzene	10.484	105	10570m	0.146	ug/L	
62) 1,3,5-Trimethylbenzene	11.086	105	13938	0.716	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	53890	0.961	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	5592	0.155	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	4530	0.129	ug/L	93

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

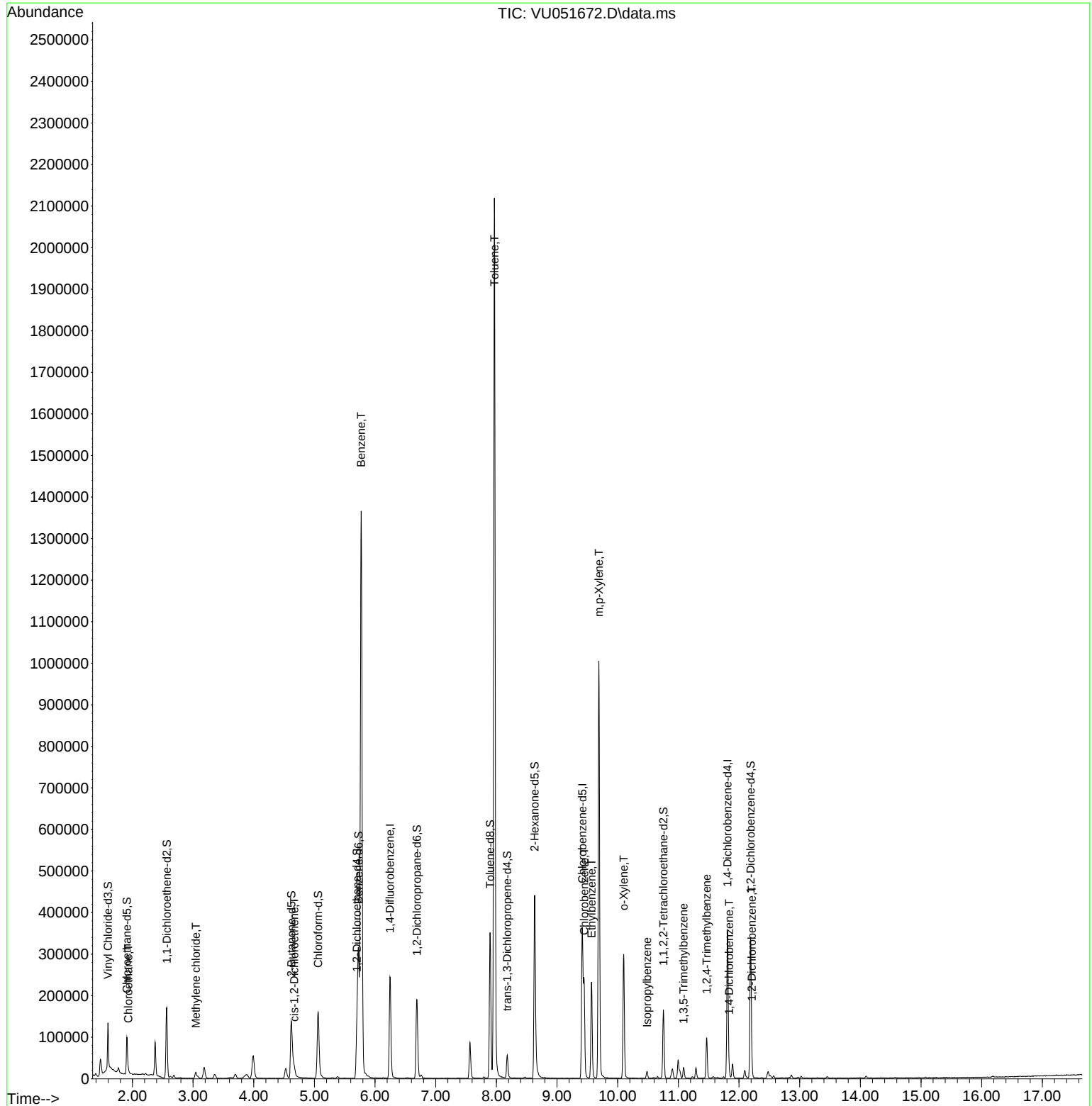
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051672.D
Acq On : 01 Nov 2022 23:36
Operator : JC/MD
Sample : N5319-08DL 40X
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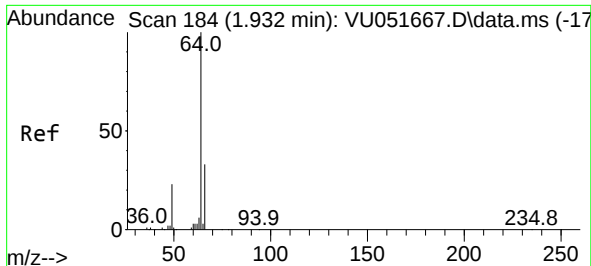
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL

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Supervised By :Mahesh Dadoda 11/03/2022

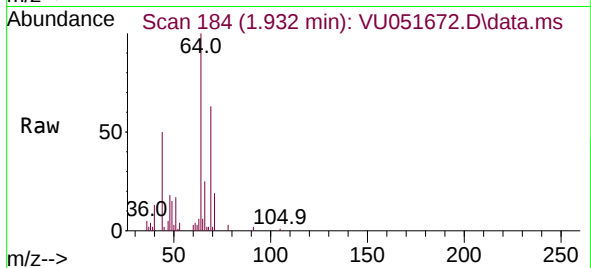
Quant Time: Nov 02 04:07:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 02 03:06:15 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 0.400 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

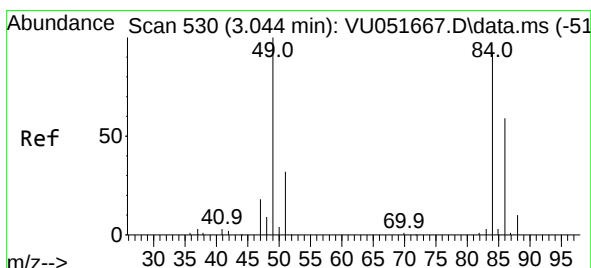
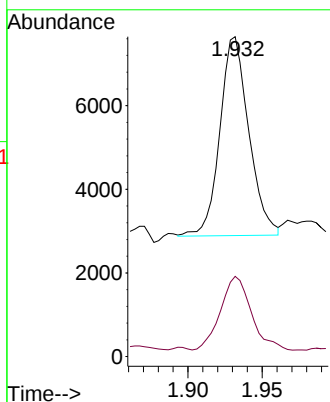
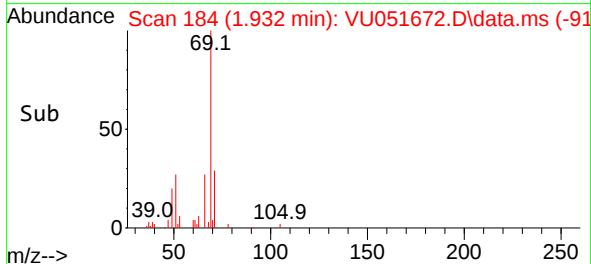
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL



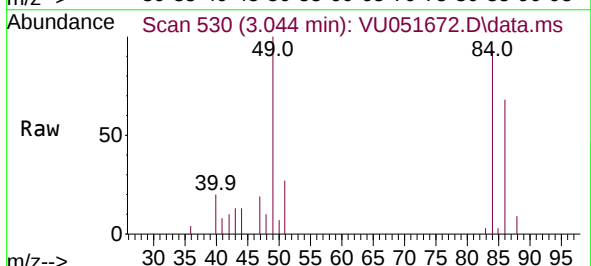
Tgt Ion: 64 Resp: 6445
Ion Ratio Lower Upper
64 100
66 25.1 22.3 41.5

Manual Integrations
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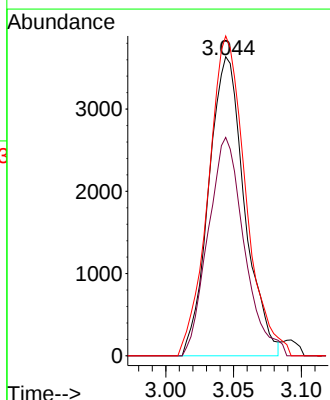
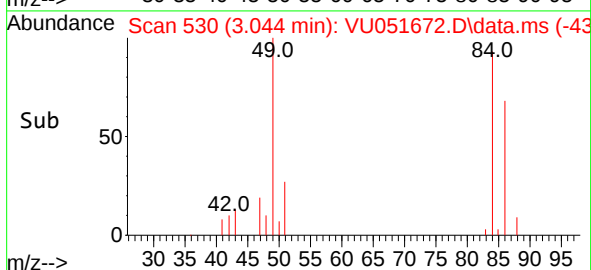
Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

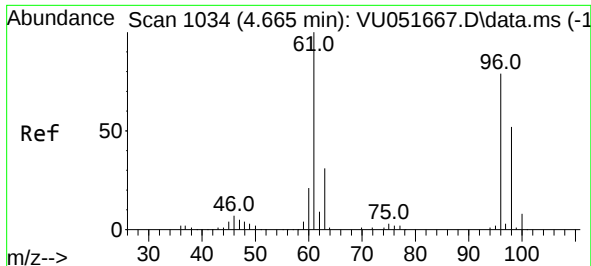


#16
Methylene chloride
Concen: 0.234 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36



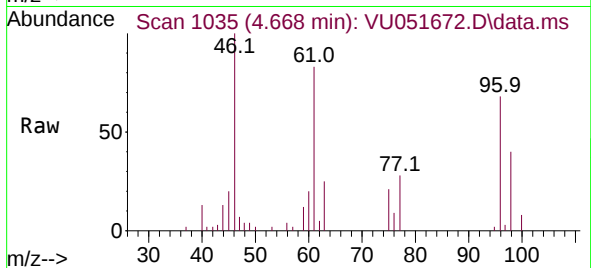
Tgt Ion: 84 Resp: 6684
Ion Ratio Lower Upper
84 100
86 73.0 46.3 85.9
49 107.0 76.0 141.2





#22
 cis-1,2-Dichloroethene
 Concen: 0.494 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.003 min
 Lab File: VU051672.D
 Acq: 01 Nov 2022 23:36

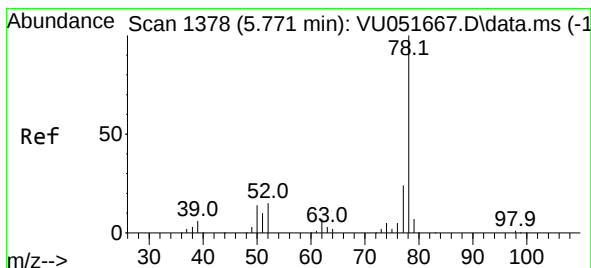
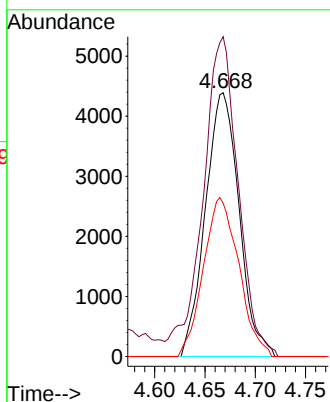
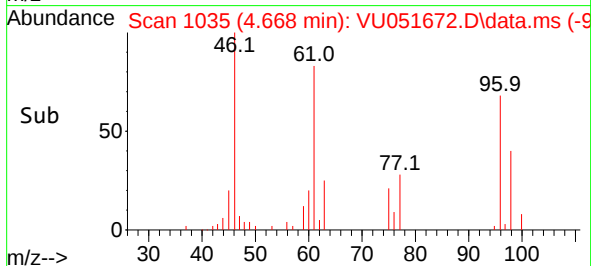
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA1DL



Tgt Ion: 96 Resp: 1023
 Ion Ratio Lower Upper
 96 100
 61 121.2 86.4 160.4
 98 58.1 44.2 82.2

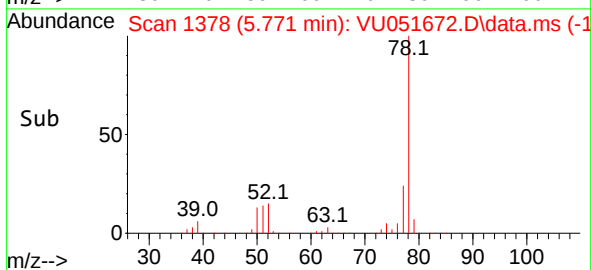
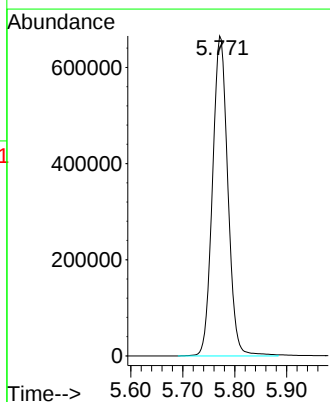
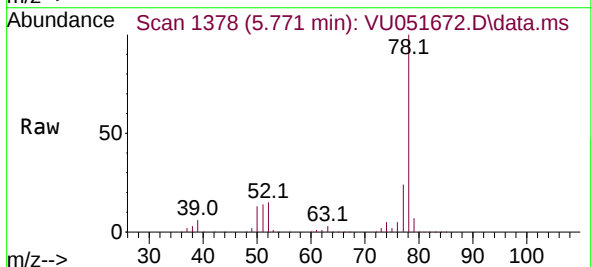
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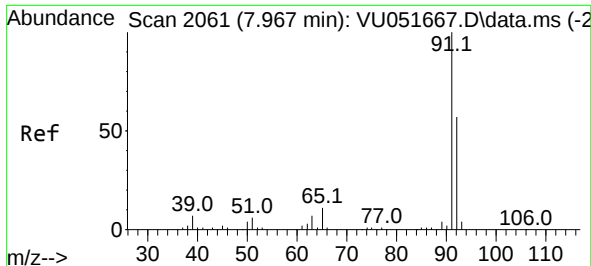
Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022



#33
 Benzene
 Concen: 16.640 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.000 min
 Lab File: VU051672.D
 Acq: 01 Nov 2022 23:36

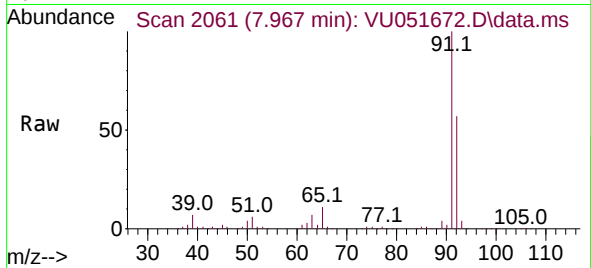
Tgt Ion: 78 Resp: 1363583





#42
Toluene
Concen: 18.855 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

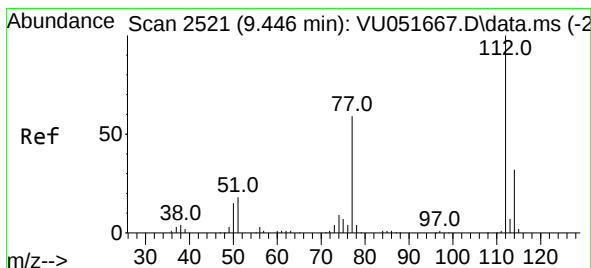
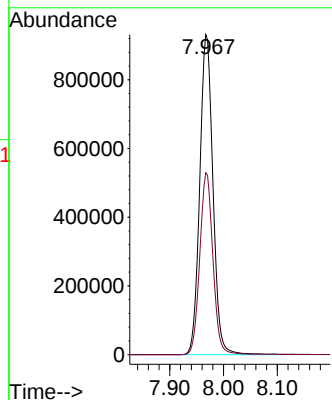
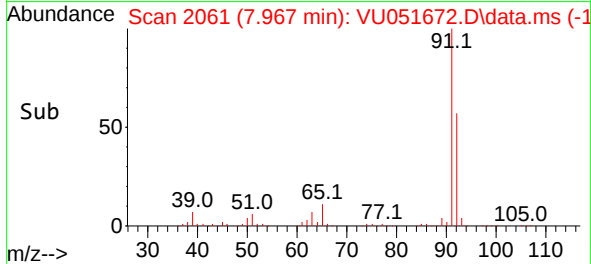
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL



Tgt Ion: 91 Resp: 158680
Ion Ratio Lower Upper
91 100
92 56.8 40.5 75.3

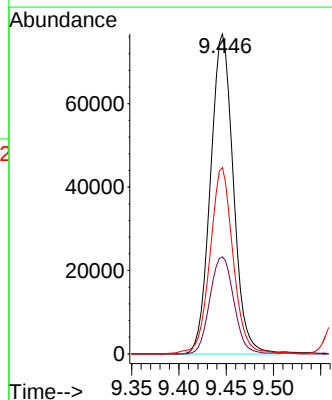
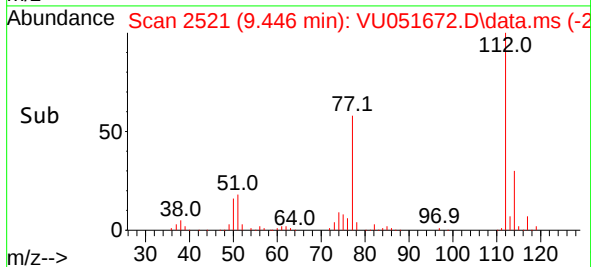
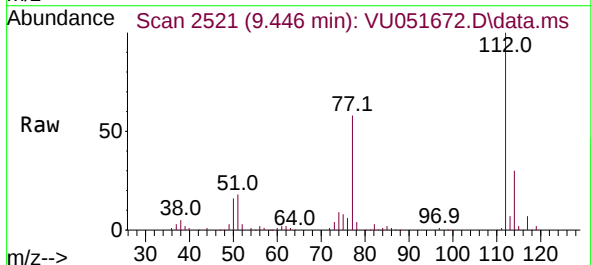
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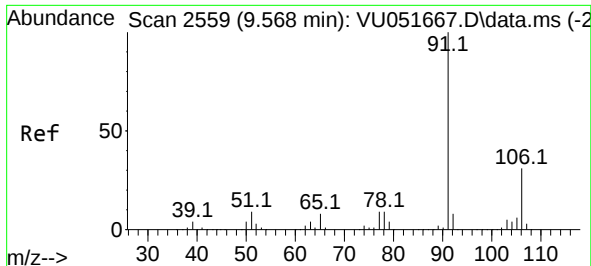
Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#51
Chlorobenzene
Concen: 2.449 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

Tgt Ion:112 Resp: 129717
Ion Ratio Lower Upper
112 100
114 30.3 22.0 40.8
77 58.2 46.7 70.1





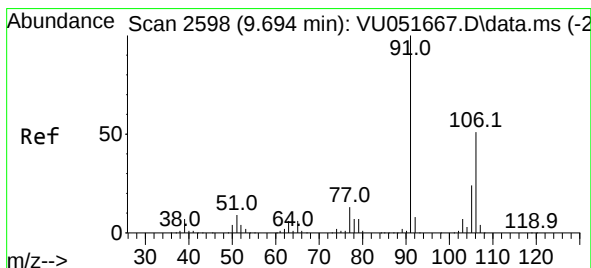
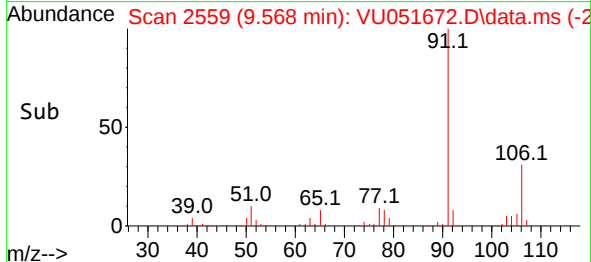
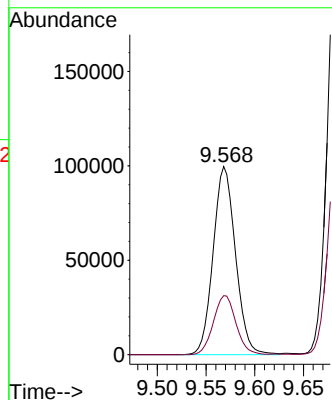
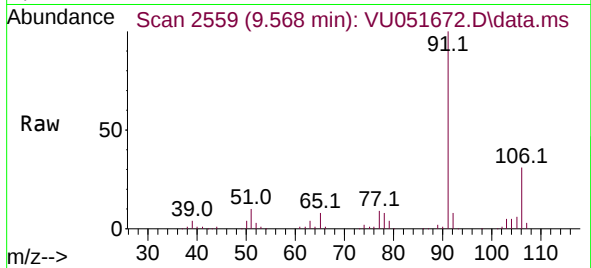
#52
Ethylbenzene
Concen: 1.958 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL

Tgt Ion: 91 Resp: 159032
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6

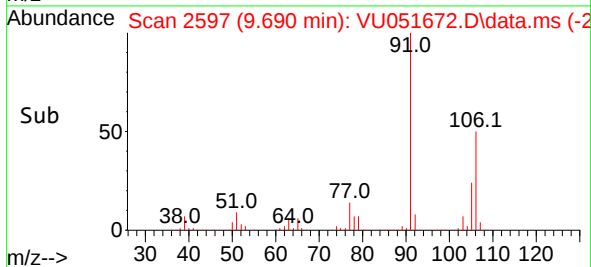
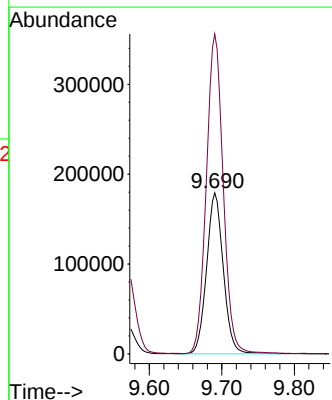
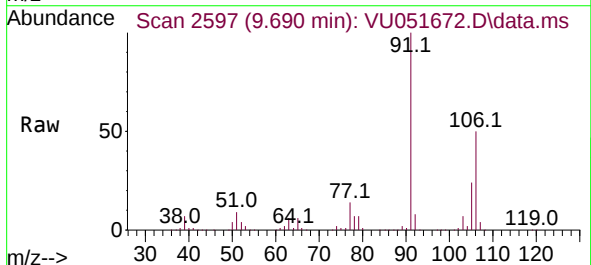
Manual Integrations
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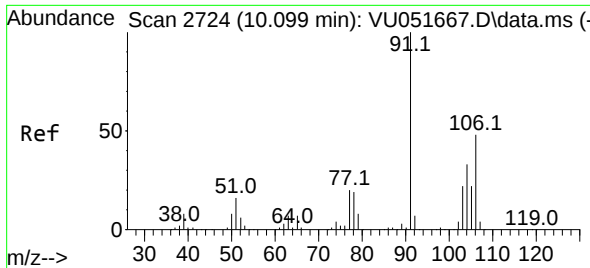
Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#53
m,p-Xylene
Concen: 9.050 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

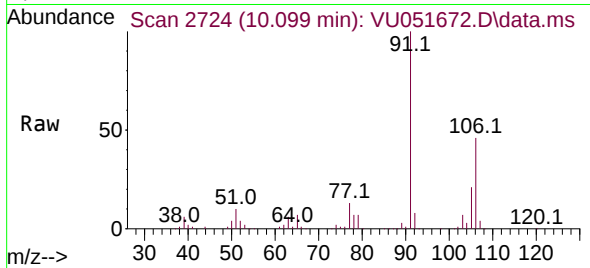
Tgt Ion:106 Resp: 285443
Ion Ratio Lower Upper
106 100
91 198.6 139.4 259.0





#54
o-Xylene
Concen: 2.647 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

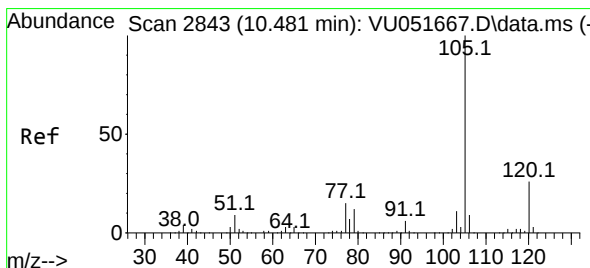
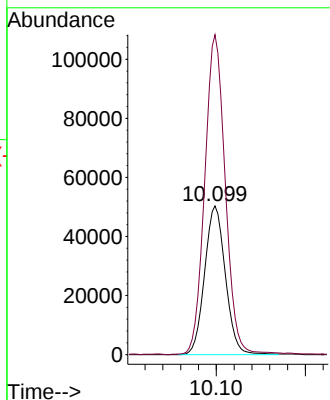
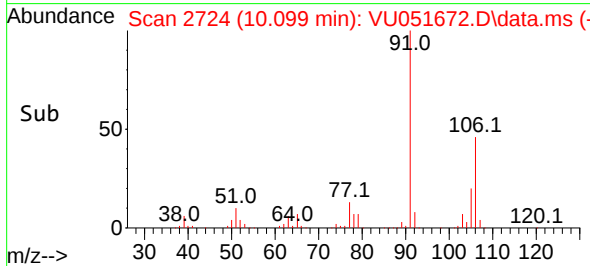
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL



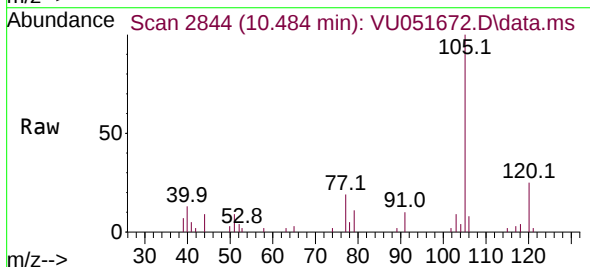
Tgt Ion:106 Resp: 81601
Ion Ratio Lower Upper
106 100
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Manual Integrations
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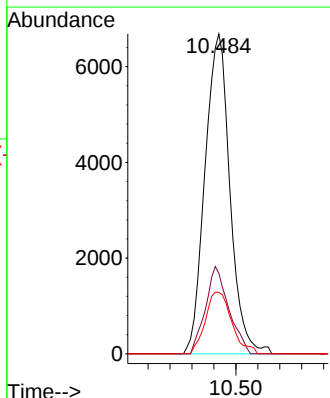
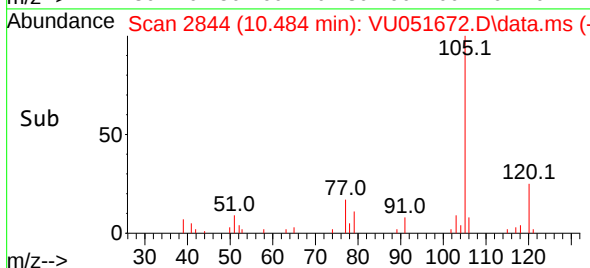
Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

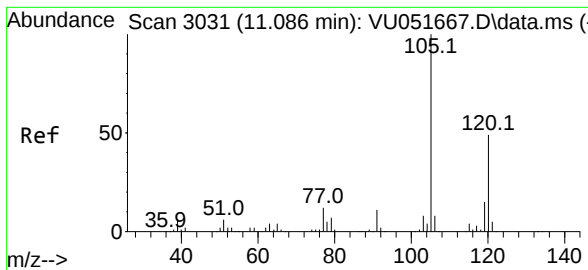


#60
Isopropylbenzene
Concen: 0.146 ug/L m
RT: 10.484 min Scan# 2844
Delta R.T. 0.003 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36



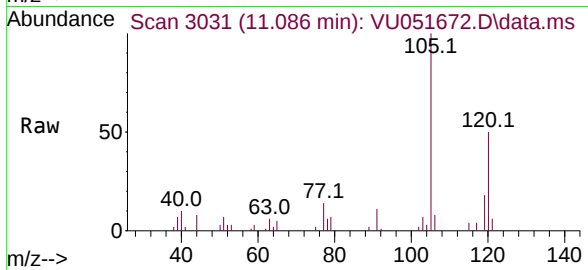
Tgt Ion:105 Resp: 10570
Ion Ratio Lower Upper
105 100
120 93.5 20.9 31.3#
77 39.1 12.3 18.5#





#62
1,3,5-Trimethylbenzene
Concen: 0.716 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

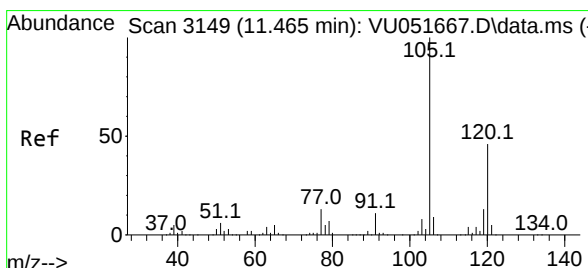
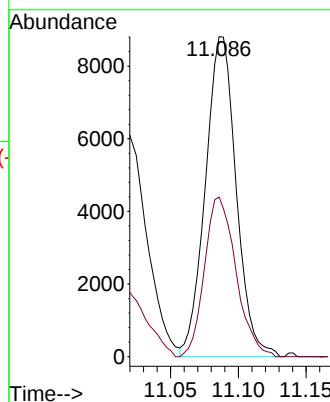
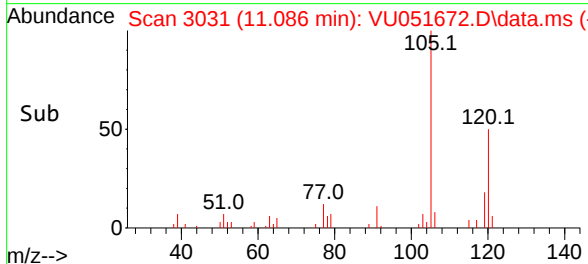
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL



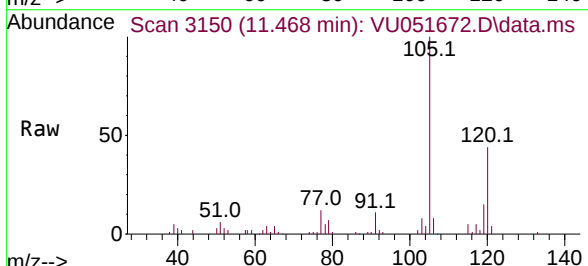
Tgt Ion:105 Resp: 13938
Ion Ratio Lower Upper
105 100
120 50.9 38.6 57.8

Manual Integrations
APPROVED

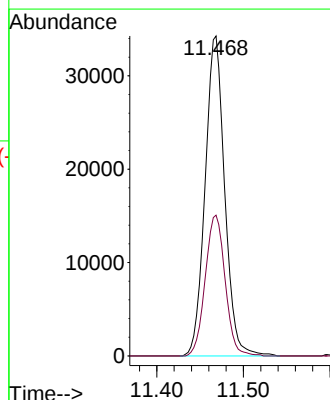
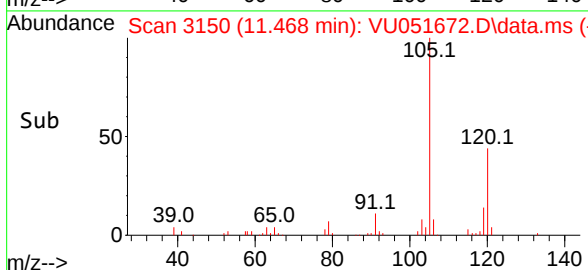
Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022

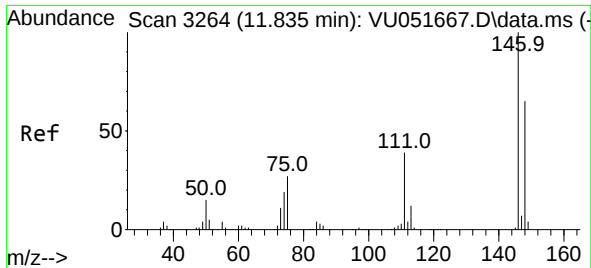


#63
1,2,4-Trimethylbenzene
Concen: 0.961 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36



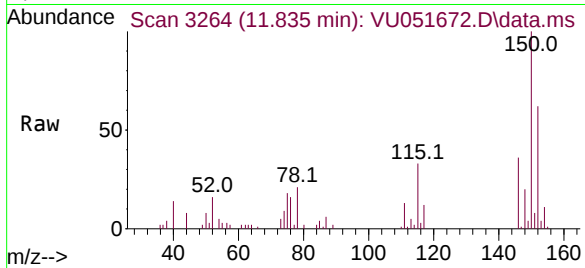
Tgt Ion:105 Resp: 53890
Ion Ratio Lower Upper
105 100
120 44.6 35.8 53.6





#65
1,4-Dichlorobenzene
Concen: 0.155 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36

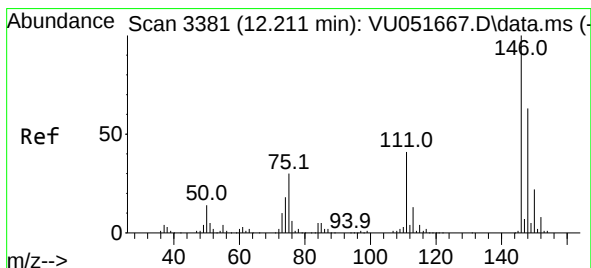
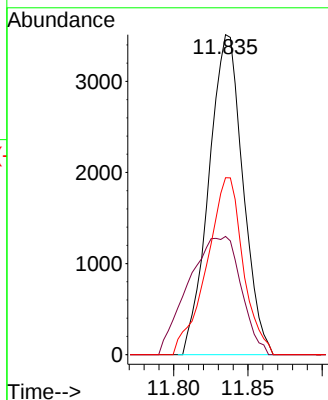
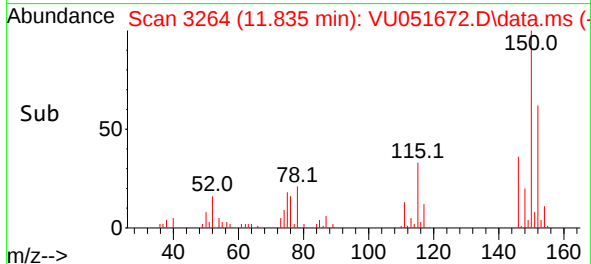
Instrument :
MSVOA_U
ClientSampleId :
BHAA1DL



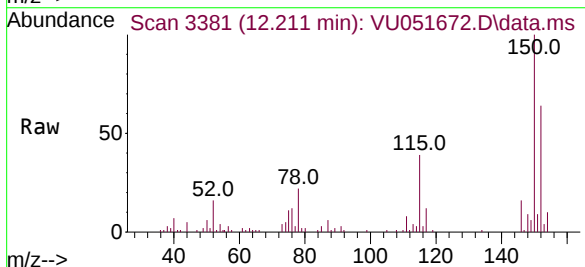
Tgt Ion:146 Resp: 5592
Ion Ratio Lower Upper
146 100
111 36.9 26.7 49.5
148 55.3 43.5 80.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/03/2022
Supervised By :Mahesh Dadoda 11/03/2022



#67
1,2-Dichlorobenzene
Concen: 0.129 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU051672.D
Acq: 01 Nov 2022 23:36



Tgt Ion:146 Resp: 4530
Ion Ratio Lower Upper
146 100
111 49.4 34.2 51.2
148 59.2 50.1 75.1

