

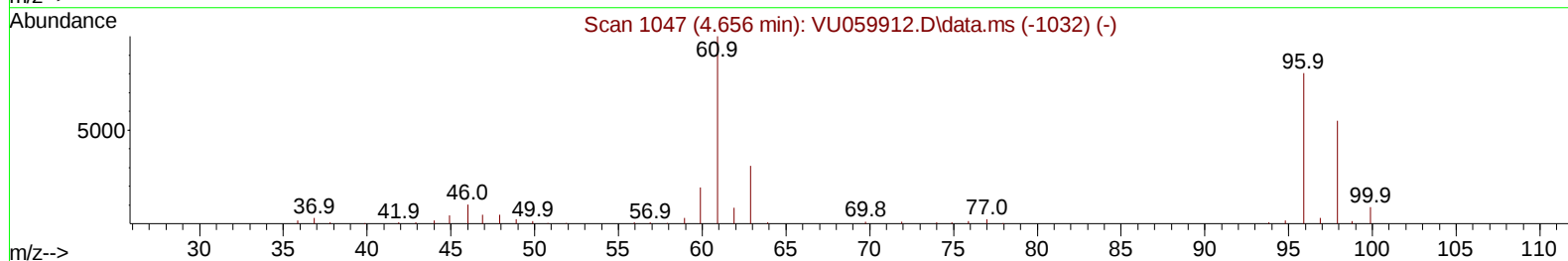
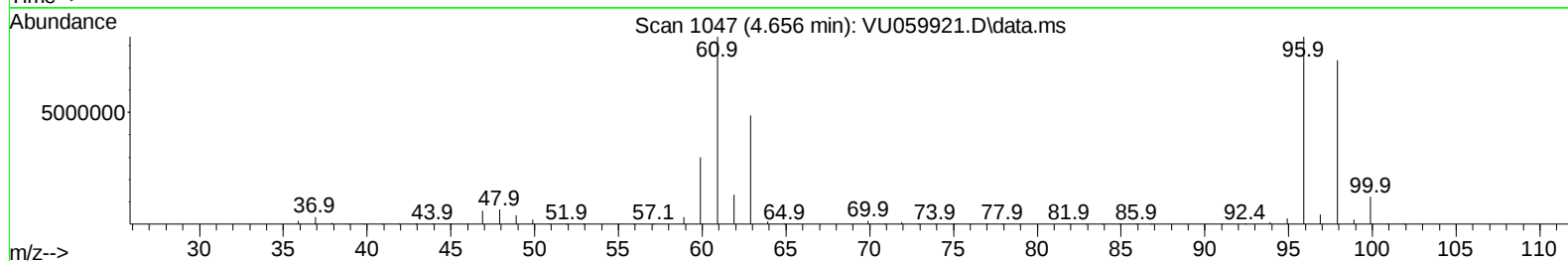
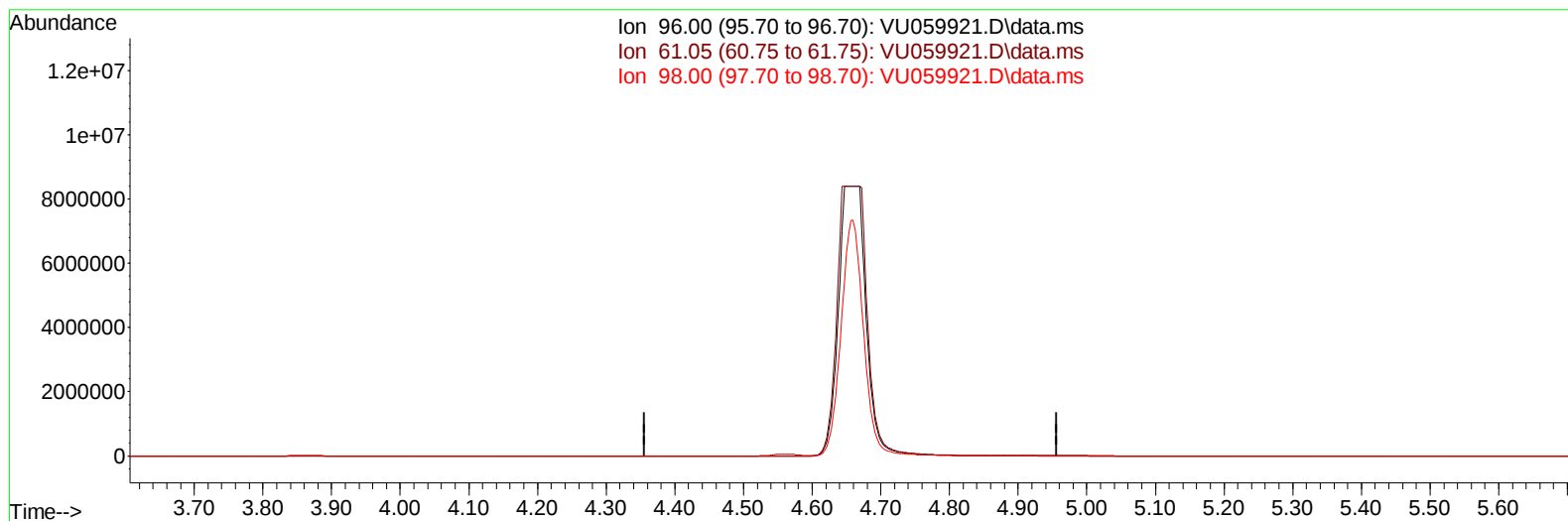
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059921.D
Acq On : 12 Jul 2024 15:03
Operator : MD/SY
Sample : P3217-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC5

Manual IntegrationsAPPROVED

Quant Time: Jul 13 03:56:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024



TIC: VU059921.D\data.ms

(22) cis-1,2-Dichloroethene (T)

4.656min (-4.656) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.05	124.80	0.00#
98.00	60.40	0.00#
0.00	0.00	0.00

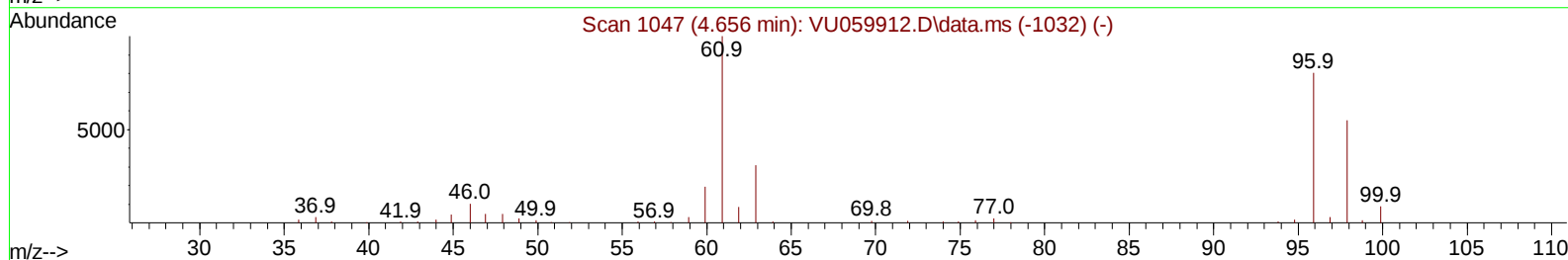
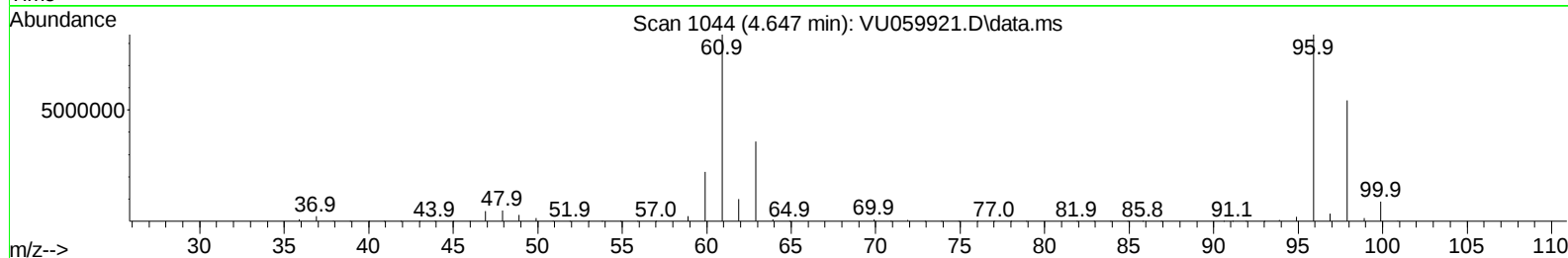
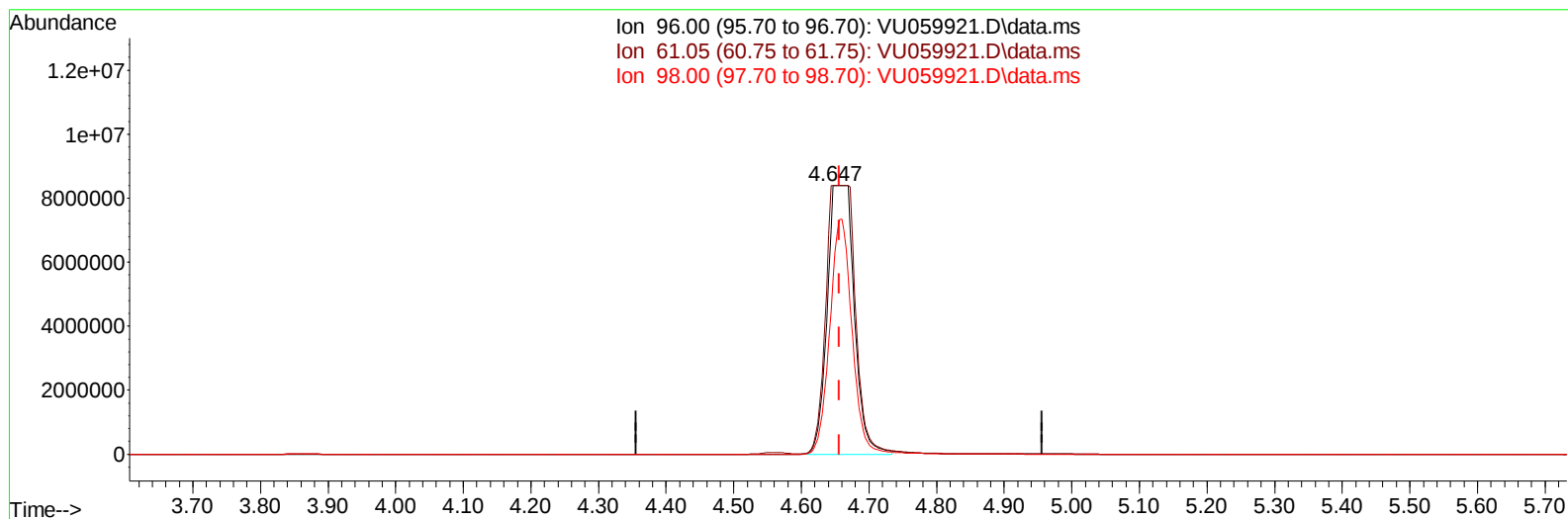
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TIC: VU059921.D\data.ms

(22) cis-1,2-Dichloroethene (T)

4.647min (-0.010) 1631.68 ug/L m

response 23170521

Ion	Exp%	Act%
96.00	100.00	100.00
61.05	124.80	100.00
98.00	60.40	64.91
0.00	0.00	0.00

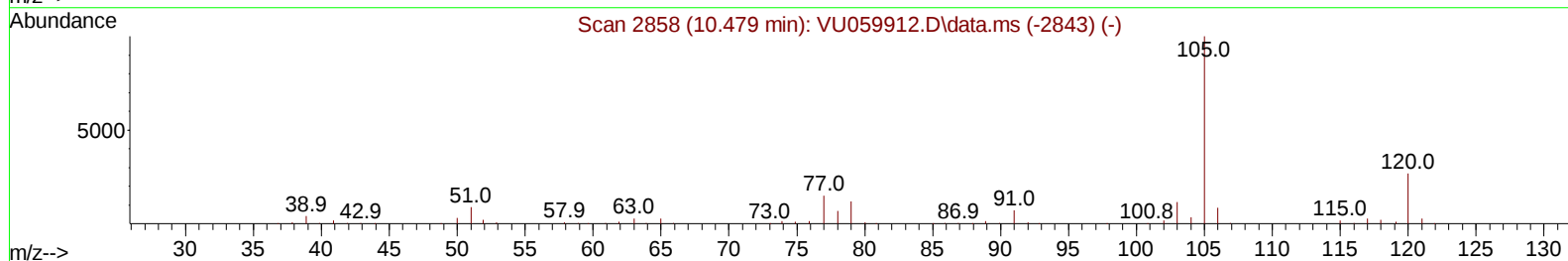
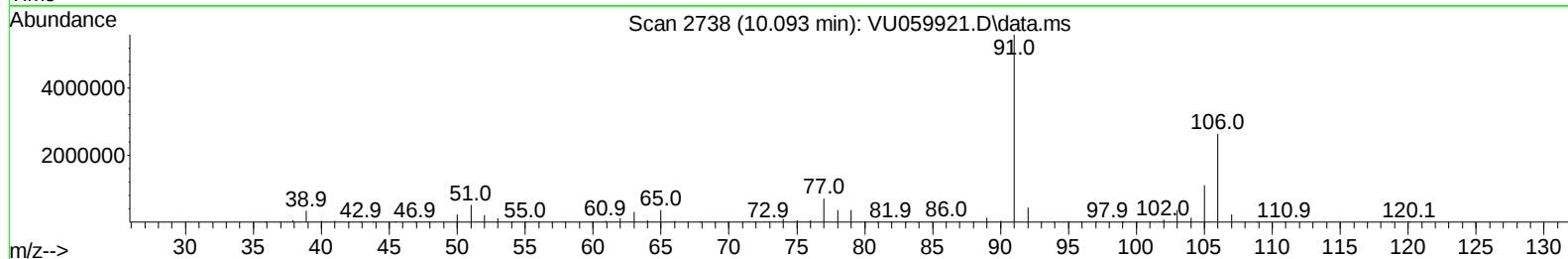
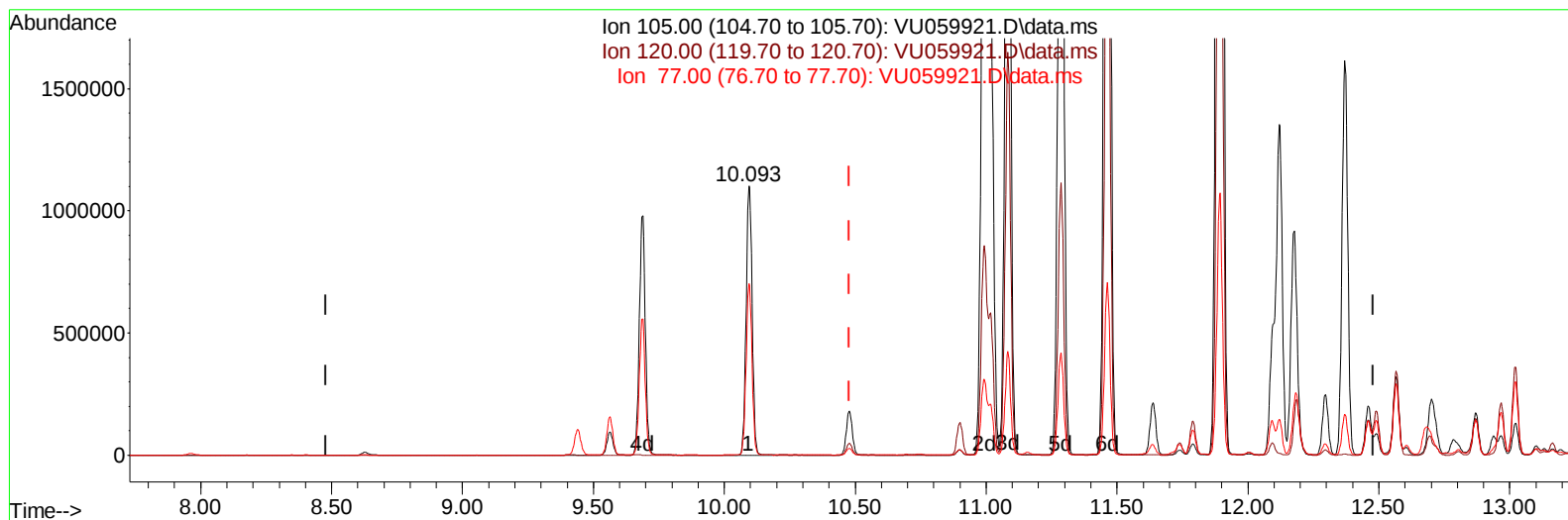
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059921.D
Acq On : 12 Jul 2024 15:03
Operator : MD/SY
Sample : P3217-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC5

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/15/2024
Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 15 00:53:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 13 03:52:33 2024
Response via : Initial Calibration



TIC: VU059921.D\data.ms

(60) Isopropylbenzene

10.093min (-0.386) 25.35 ug/L

response 1747200

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	25.80	0.00#
77.00	16.00	62.99#
0.00	0.00	0.00

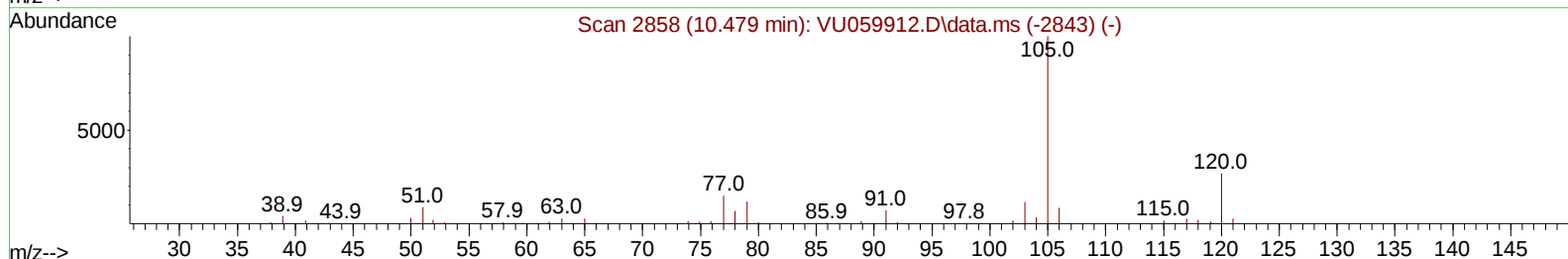
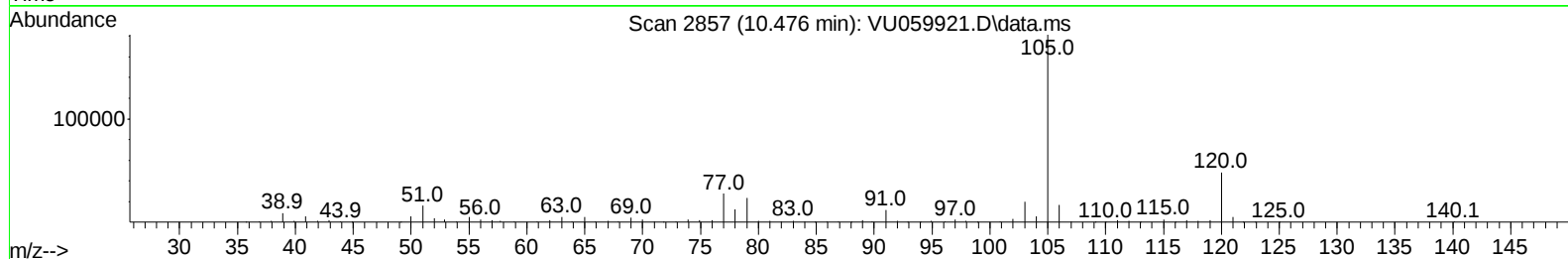
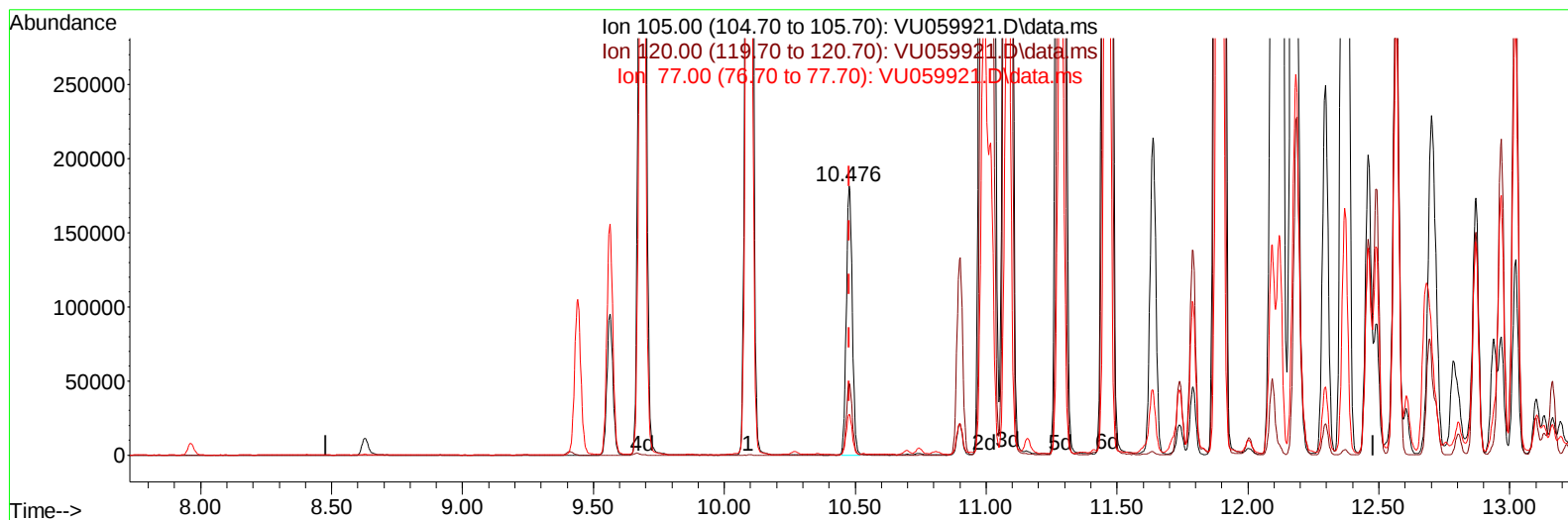
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059921.D
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Time: Jul 13 03:56:34 2024
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TIC: VU059921.D\data.ms

(60) Isopropylbenzene

10.476min (-0.003) 4.13 ug/L m

response 284792

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	25.80	0.00#
77.00	16.00	386.43#
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
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 Sample : P3217-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZC5

Manual IntegrationsAPPROVED

Quant Time: Jul 13 03:56:34 2024
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Reviewed By :Mahesh Dadoda 07/15/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174666	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	182472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111567	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58303	4.800	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	96.000%	
7) Chloroethane-d5	1.911	69	46494	3.979	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.563	65	21218	4.211	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.637	46	118591	47.403	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	94.800%	
24) Chloroform-d	5.055	84	95308	3.823	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	76.400%	
26) 1,2-Dichloroethane-d4	5.695	65	48193	4.013	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	80.200%	
32) Benzene-d6	5.721	84	202040	4.023	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.685	67	64188	4.171	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	83.400%	
41) Toluene-d8	7.891	98	198433	4.250	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	85.000%	
43) trans-1,3-Dichloroprop...	8.174	79	23429	4.862	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	97.200%	
46) 2-Hexanone-d5	8.627	63	102069	50.980	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	101.960%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54852	4.314	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	92061	4.636	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	92.800%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.599	62	530400	30.143	ug/L	99
8) Chloroethane	1.930	64	10386	0.980	ug/L	99
13) Acetone	2.637	43	170438	105.023	ug/L	90
16) Methylene chloride	3.036	84	2983	0.203	ug/L	84
18) trans-1,2-Dichloroethene	3.348	96	224192	17.402	ug/L	90
19) 1,1-Dichloroethane	3.859	63	265753	11.186	ug/L	99
22) cis-1,2-Dichloroethene	4.647	96	23170521m	1631.676	ug/L	
33) Benzene	5.766	78	320802	5.789	ug/L	100
34) Trichloroethene	6.534	95	704181	46.925	ug/L	96
35) Methylcyclohexane	6.756	83	13213	0.619	ug/L	95
40) 4-Methyl-2-pentanone	7.785	43	170811	25.706	ug/L	94
42) Toluene	7.962	91	1284256	21.891	ug/L	100
47) Tetrachloroethene	8.547	164	1035785	88.949	ug/L	96
51) Chlorobenzene	9.441	112	310471	8.344	ug/L	96
52) Ethylbenzene	9.563	91	2927798	48.651	ug/L	96
53) m,p-Xylene	9.688	106	3462423	149.804	ug/L	98
54) o-Xylene	10.093	106	4176584	190.405	ug/L	97
60) Isopropylbenzene	10.476	105	284792m	4.132	ug/L	

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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 13 03:52:33 2024
 Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
62) 1,3,5-Trimethylbenzene	11.084	105		5002590	91.623	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105		8638847	165.494	ug/L	97
64) 1,3-Dichlorobenzene	11.740	146		337682	9.633	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146		2044519	56.665	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146		8718514	264.302	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071224\
Data File : VU059921.D
Acq On : 12 Jul 2024 15:03
Operator : MD/SY
Sample : P3217-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 3

Instrument :
MSVOA_U
ClientSampleId :
YDZC5

Manual IntegrationsAPPROVED

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