

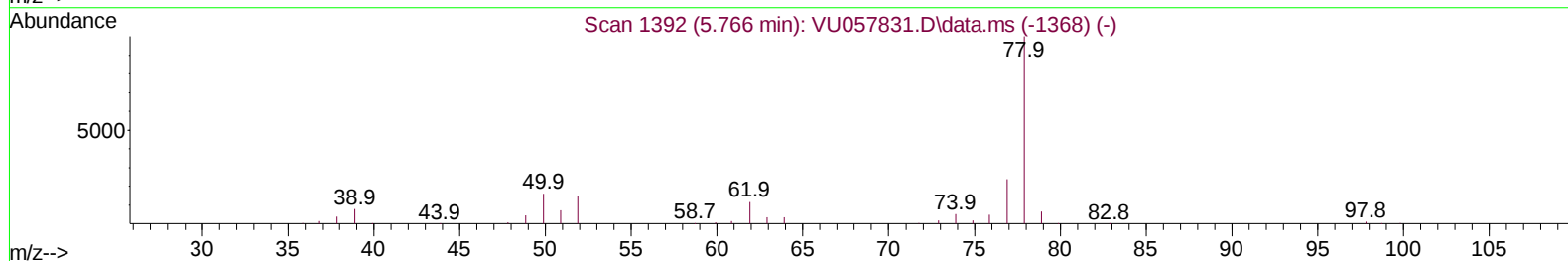
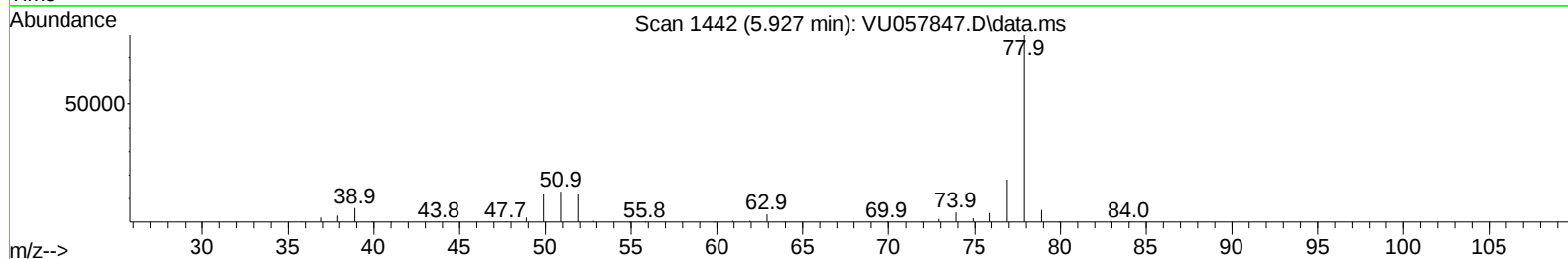
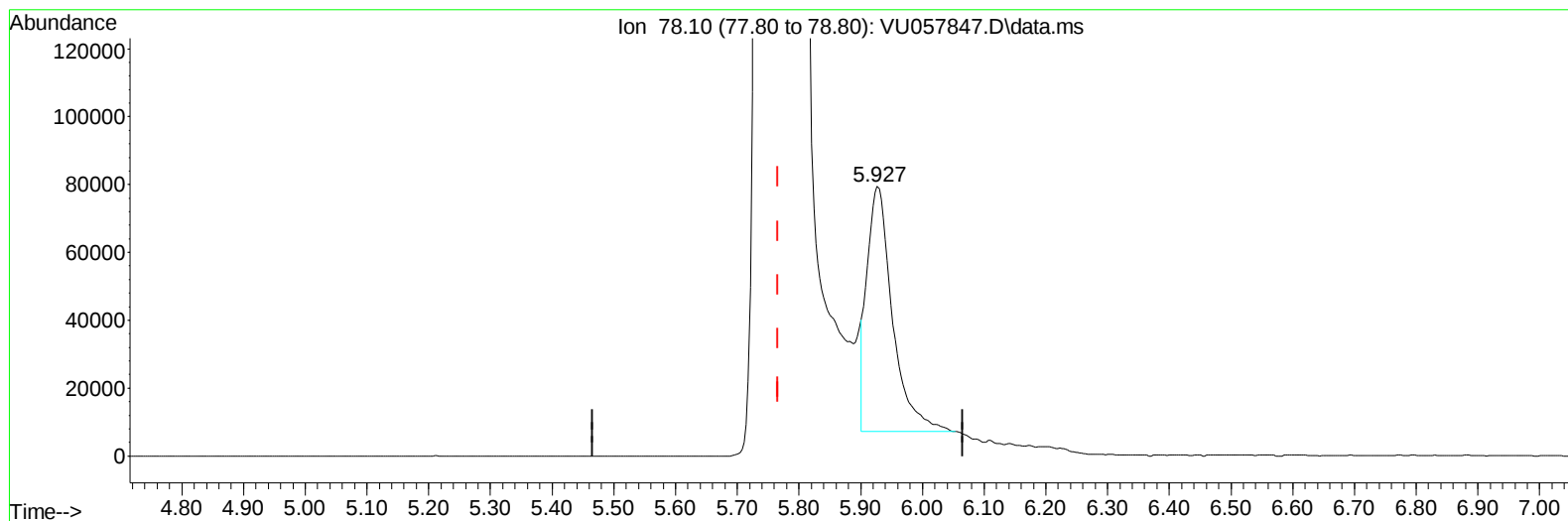
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
Data File : VU057847.D
Acq On : 07 Feb 2024 18:00
Operator : MD/SY
Sample : P1081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Manual IntegrationsAPPROVED

Quant Time: Feb 08 01:29:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 08 01:18:21 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



TIC: VU057847.D\data.ms

(33) Benzene (T)

5.927min (+ 0.161) 24.94 ug/L

response 207519

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

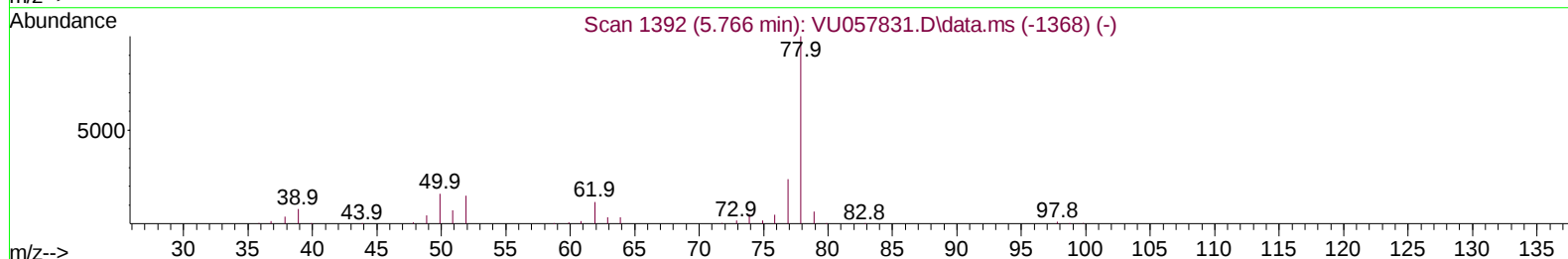
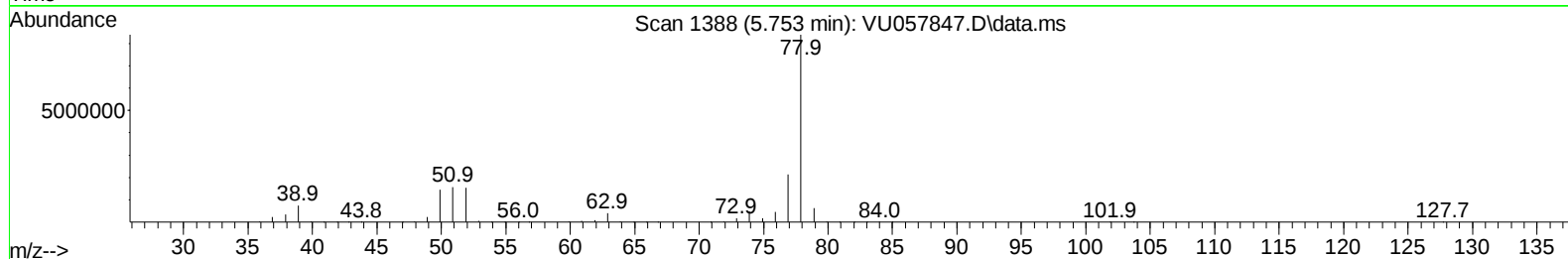
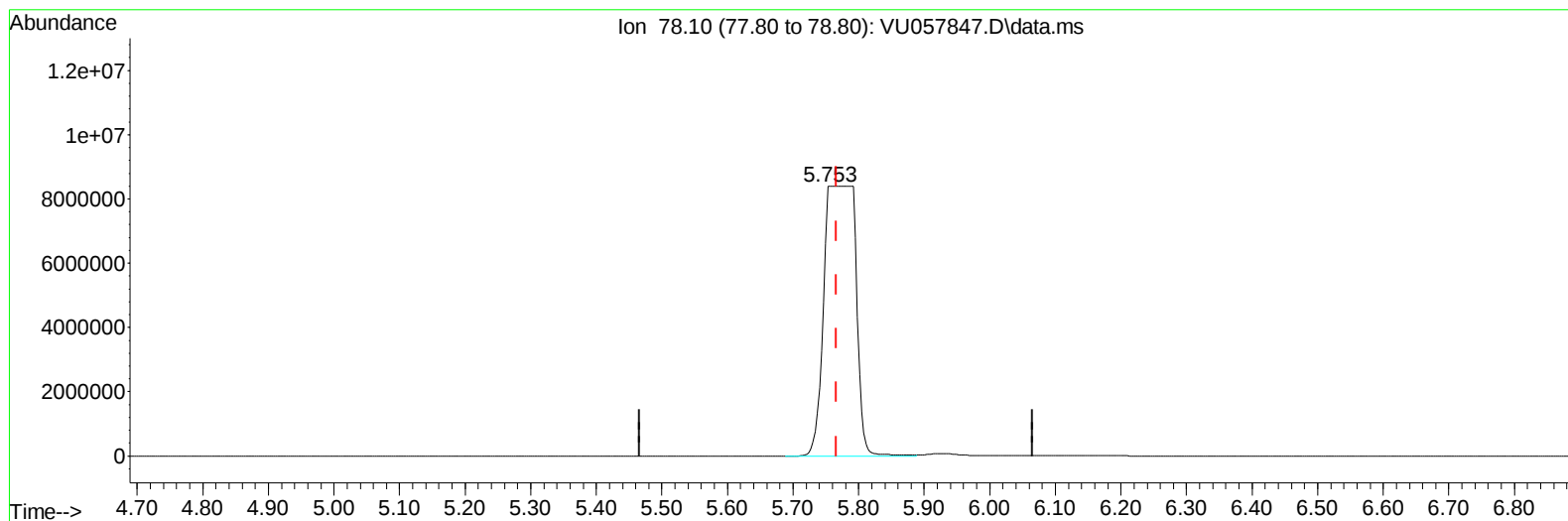
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Data File : VU057847.D
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TIC: VU057847.D\data.ms

(33) Benzene (T)

5.753min (-0.013) 3390.78 ug/L m

response 28209067

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

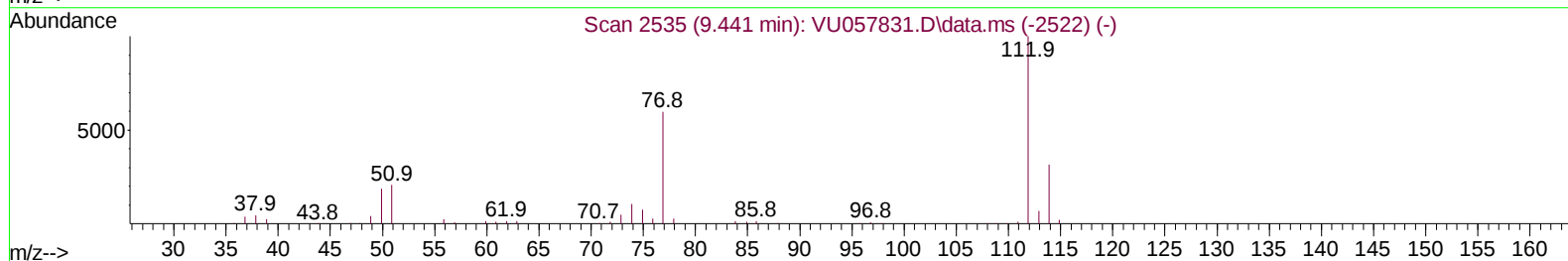
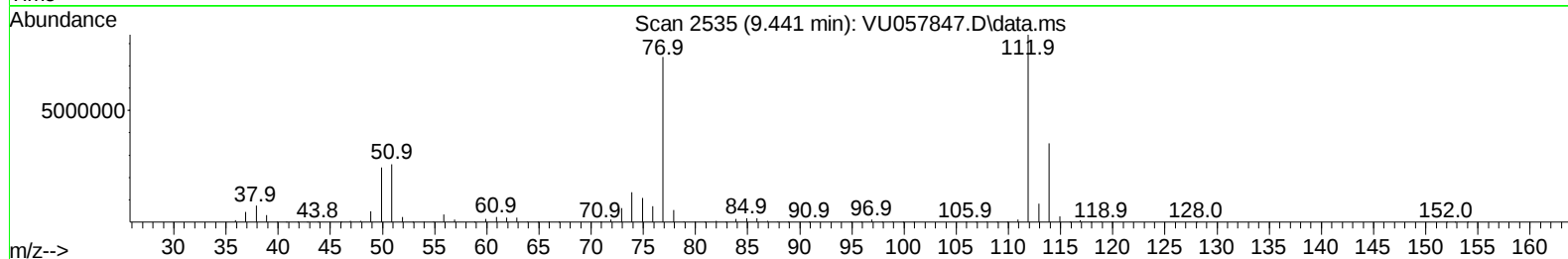
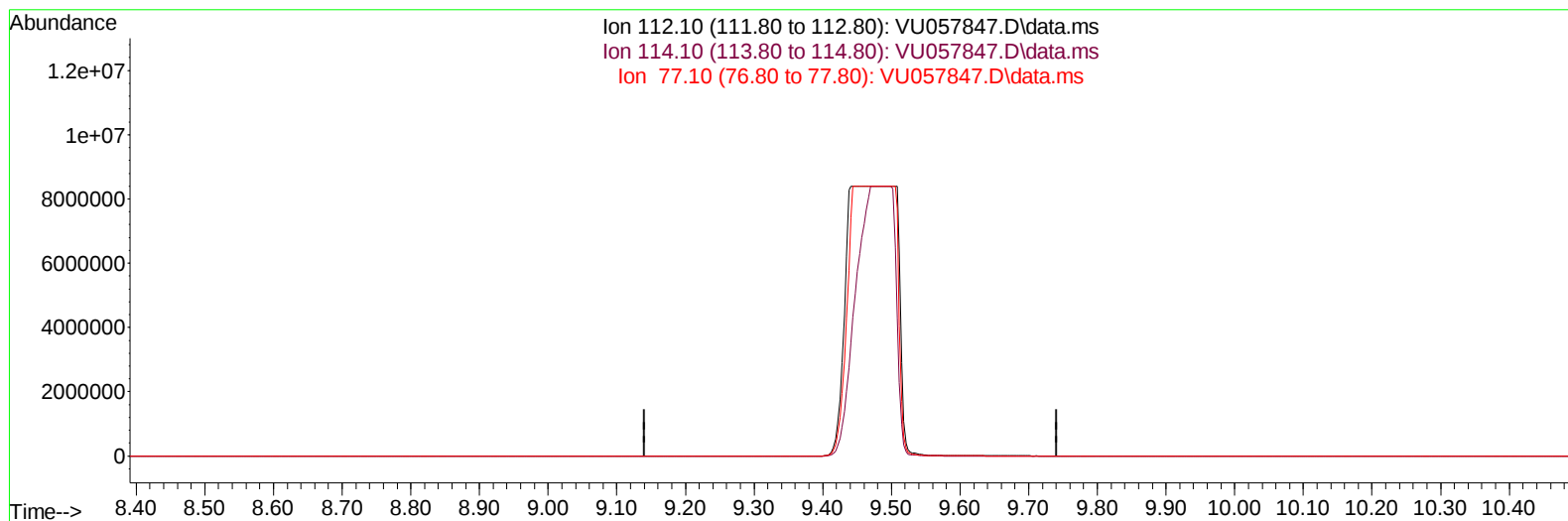
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Data File : VU057847.D
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Instrument :
MSVOA_U
ClientSampleId :
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TIC: VU057847.D\data.ms

(51) Chlorobenzene (T)

9.441min (-9.441) 0.00 ug/L

response 0

Ion	Exp%	Act%
112.10	100.00	0.00
114.10	31.50	0.00#
77.10	60.30	0.00#
0.00	0.00	0.00

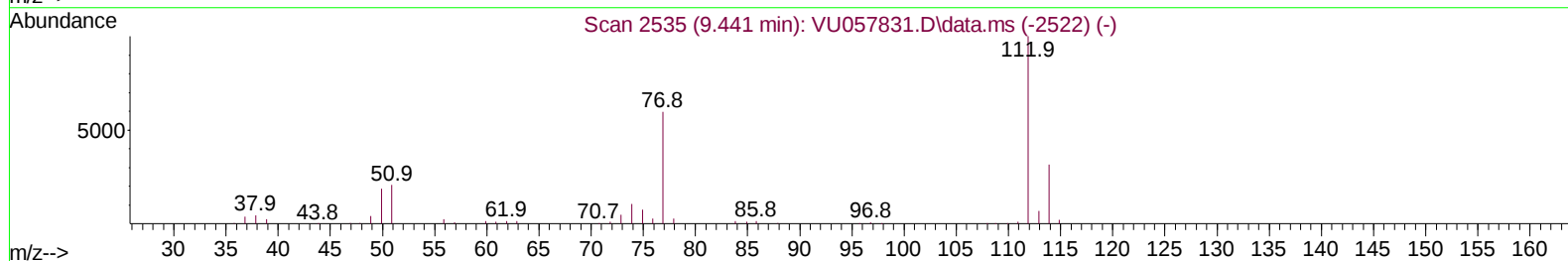
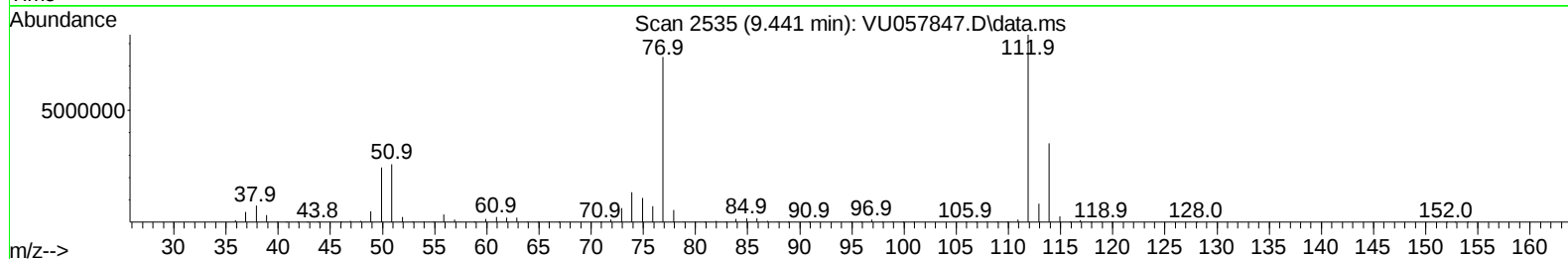
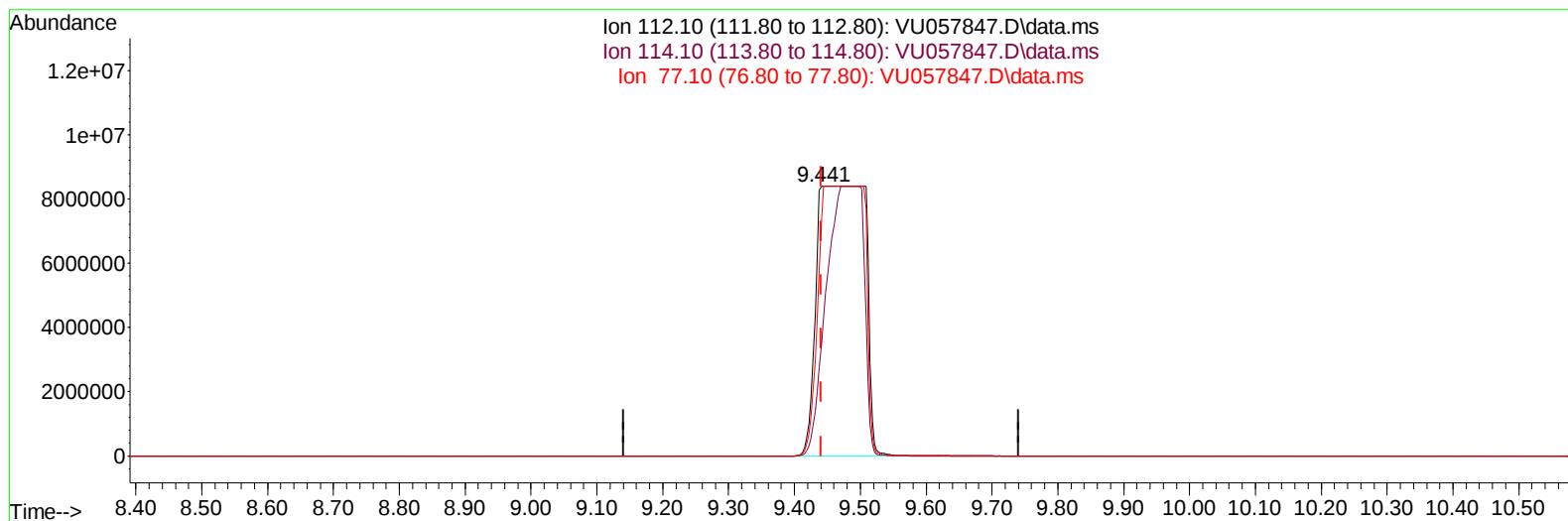
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
Data File : VU057847.D
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Instrument :
MSVOA_U
ClientSampleId :
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TIC: VU057847.D\data.ms

(51) Chlorobenzene (T)

9.441min (0.000) 7725.43 ug/L m

response 42750092

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	31.50	42.00#
77.10	60.30	88.28#
0.00	0.00	0.00

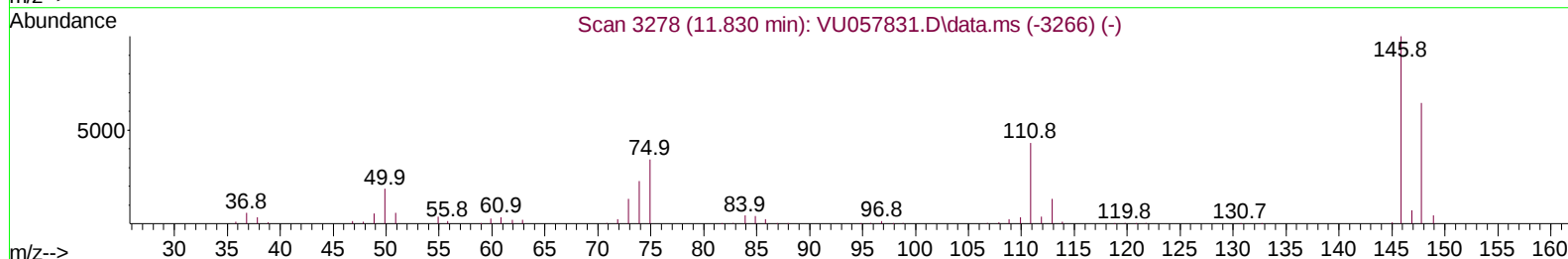
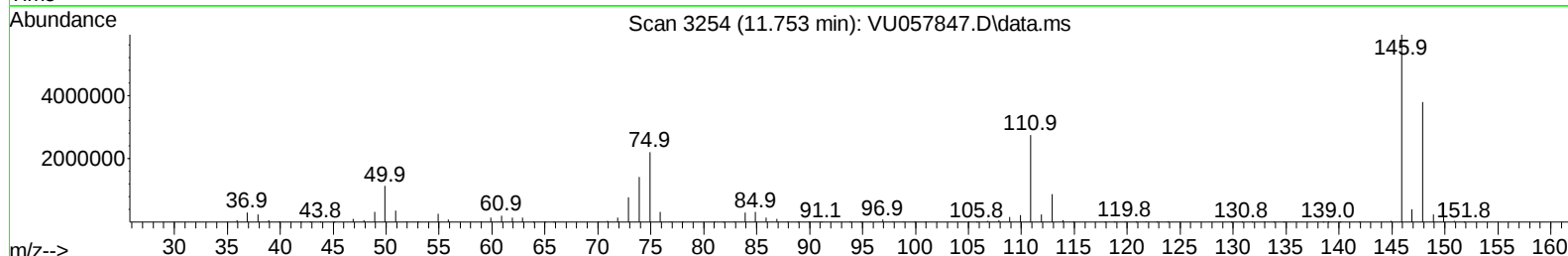
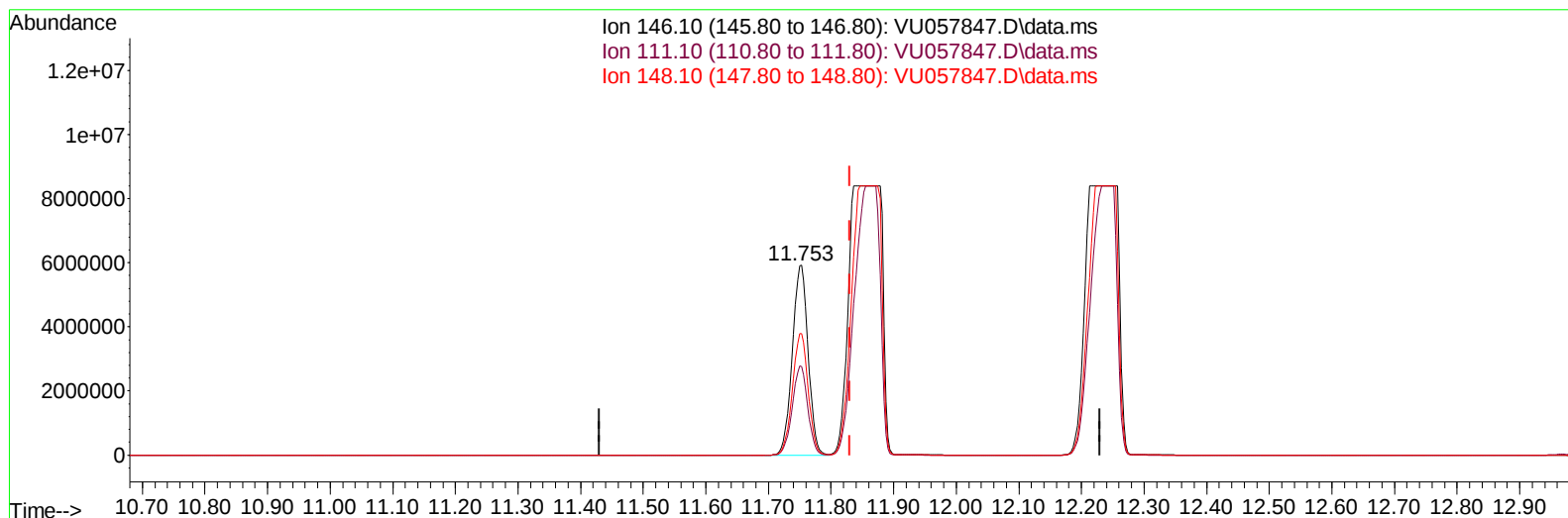
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
Data File : VU057847.D
Acq On : 07 Feb 2024 18:00
Operator : MD/SY
Sample : P1081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Manual IntegrationsAPPROVED

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TIC: VU057847.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.753min (-0.077) 2071.17 ug/L

response 10384429

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	43.60	46.55
148.10	64.70	64.08
0.00	0.00	0.00

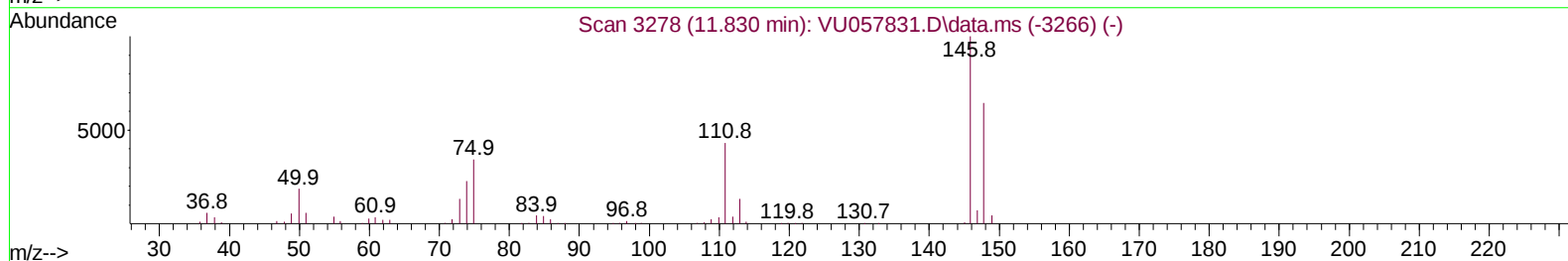
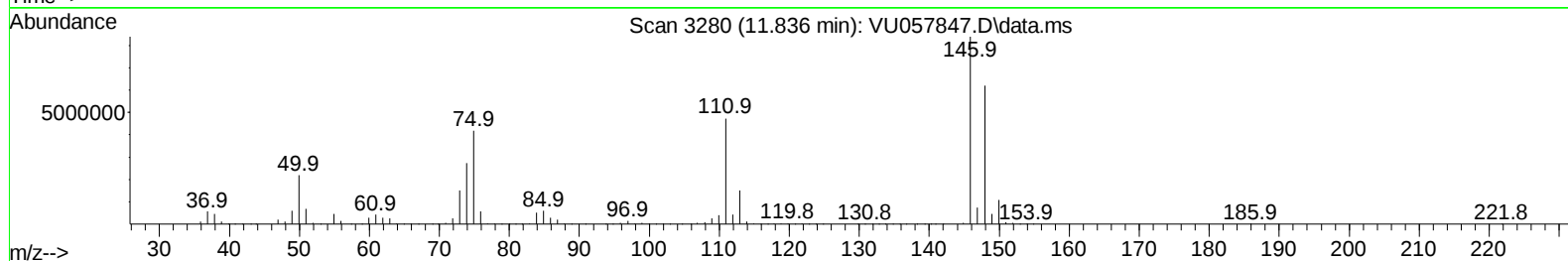
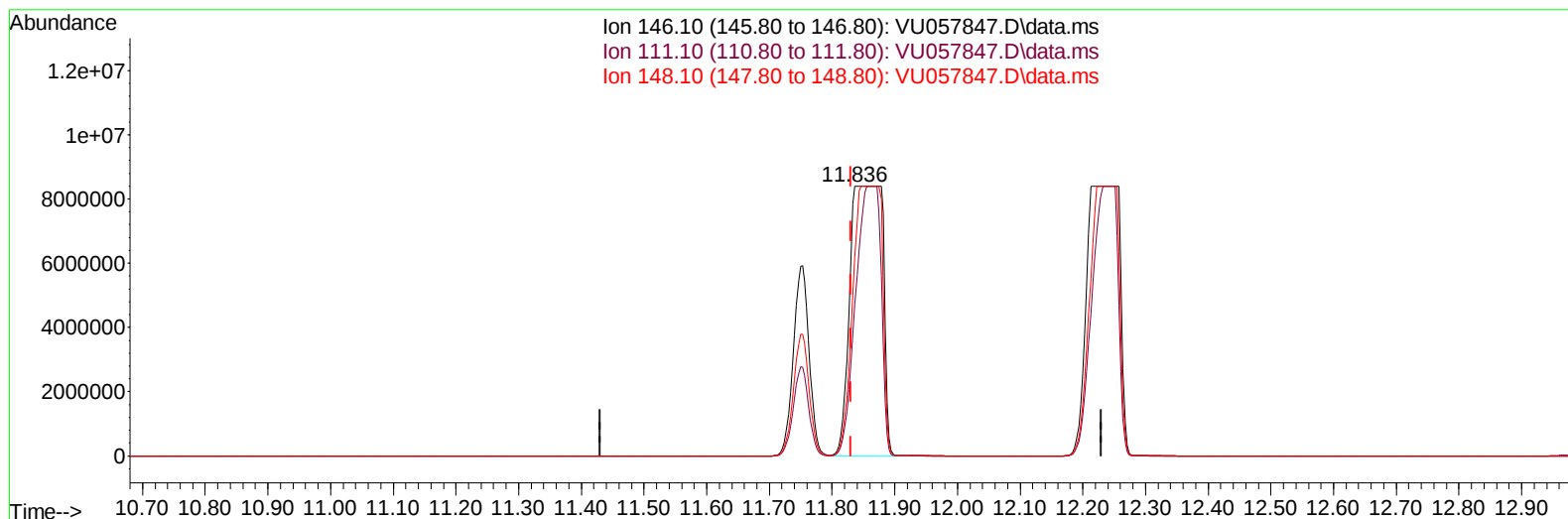
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Data File : VU057847.D
Acq On : 07 Feb 2024 18:00
Operator : MD/SY
Sample : P1081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Manual IntegrationsAPPROVED

Quant Time: Feb 08 01:29:31 2024
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Supervised By :Semsettin Yesilyurt 02/09/2024



TIC: VU057847.D\data.ms

(65) 1,4-Dichlorobenzene (T)

11.836min (+ 0.006) 6048.25 ug/L m

response 30324743

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	43.60	56.28
148.10	64.70	73.79
0.00	0.00	0.00

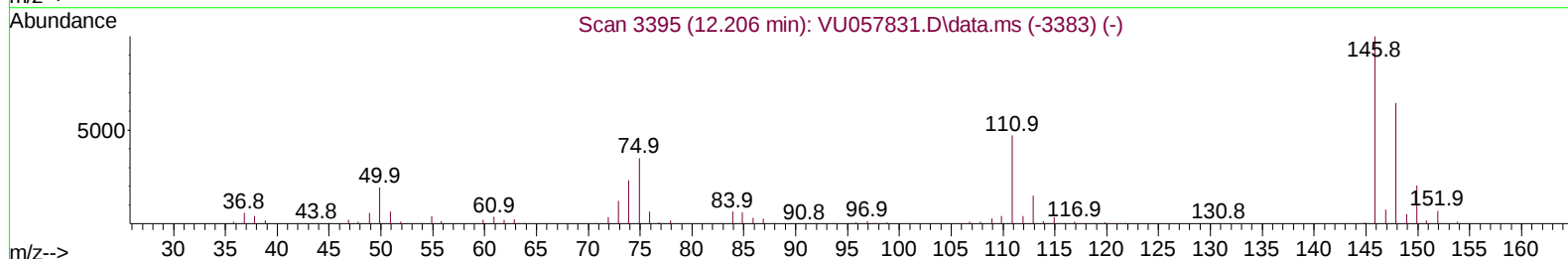
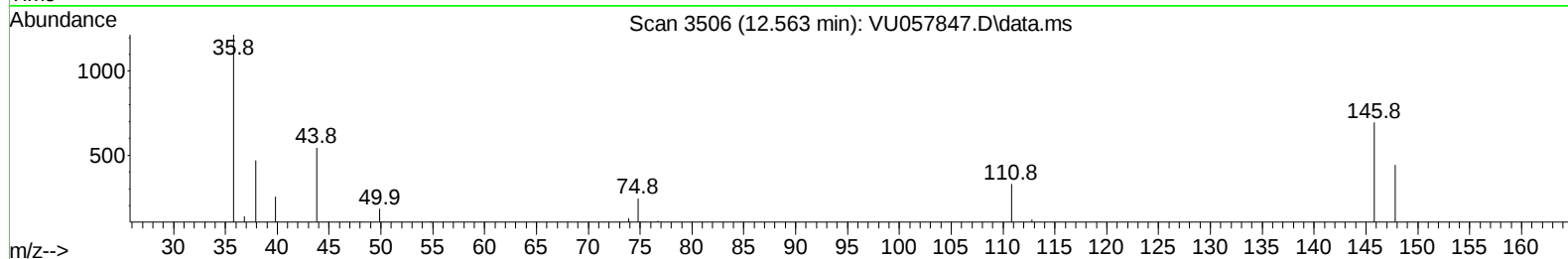
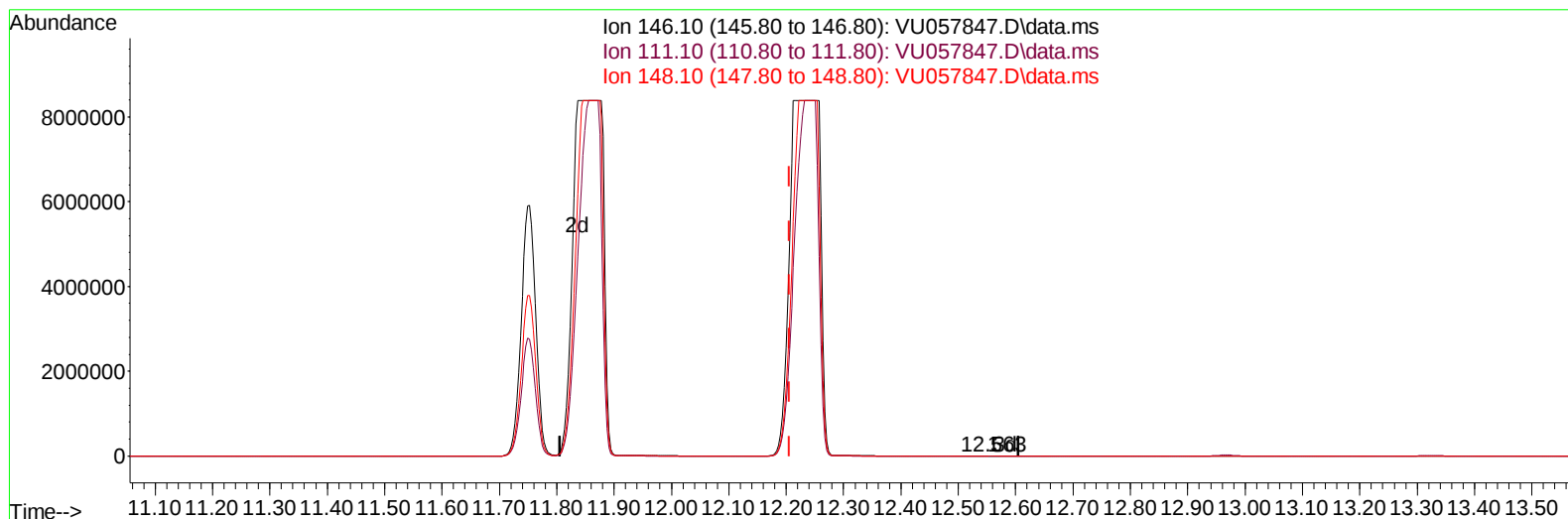
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Acq On : 07 Feb 2024 18:00
Operator : MD/SY
Sample : P1081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Manual IntegrationsAPPROVED

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TIC: VU057847.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.563min (+ 0.357) 0.02 ug/L

response 81

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	47.30	47.26
148.10	64.60	63.98
0.00	0.00	0.00

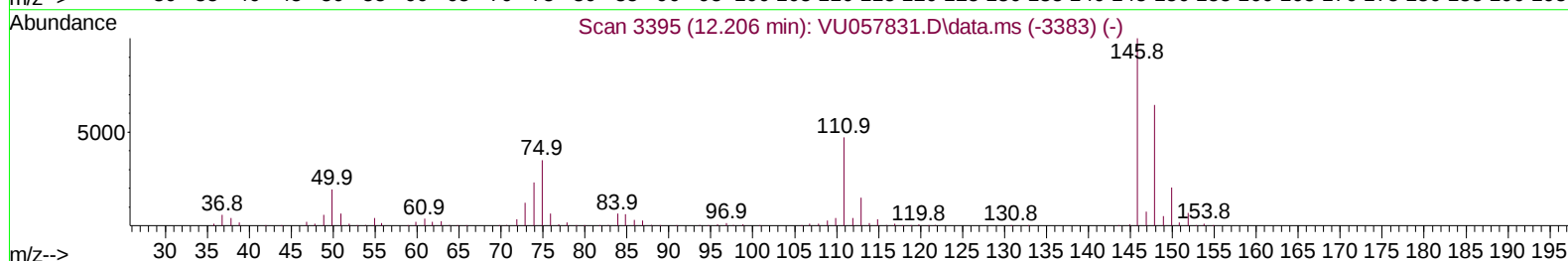
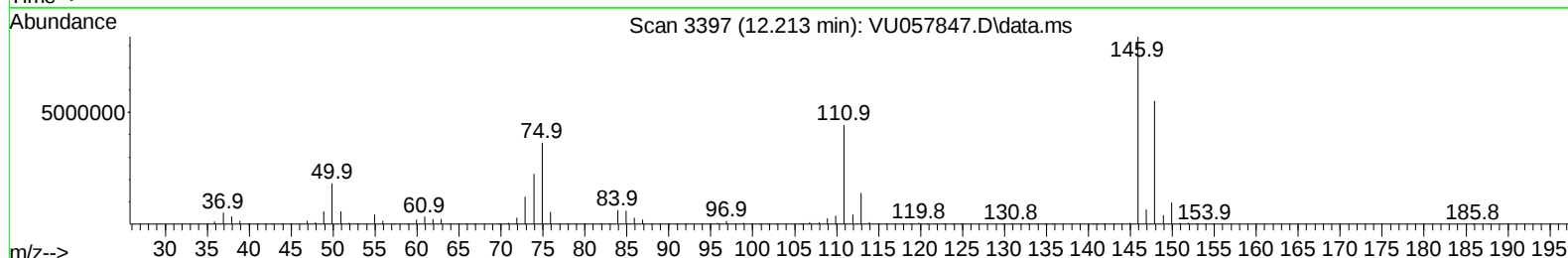
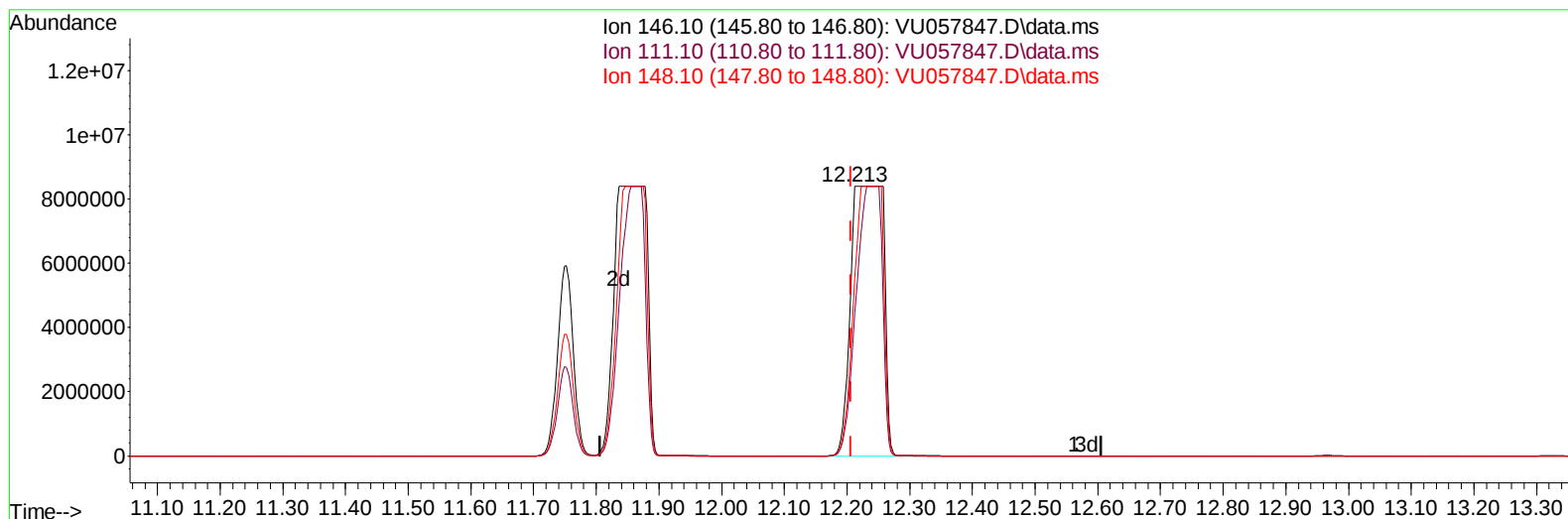
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Data File : VU057847.D
Acq On : 07 Feb 2024 18:00
Operator : MD/SY
Sample : P1081-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B39

Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 02/09/2024
Supervised By :Semsettin Yesilyurt 02/09/2024



TIC: VU057847.D\data.ms

(67) 1,2-Dichlorobenzene (T)

12.213min (+ 0.006) 6180.68 ug/L m

response 30456461

Ion	Exp%	Act%
146.10	100.00	100.00
111.10	47.30	52.93
148.10	64.60	65.93
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020724\
 Data File : VU057847.D
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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	271497	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.438	117	262805	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.827	152	154430	50.000	ug/L	# 0.02

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103004	47.400	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	94.800%	
7) Chloroethane-d5	1.879	69	77285	45.844	ug/L	-0.03
Spiked Amount 50.000	Range 70	- 130	Recovery	=	91.680%	
11) 1,1-Dichloroethene-d2	2.554	63	134029	33.582	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	67.160%	
21) 2-Butanone-d5	4.621	46	82541	68.442	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	68.440%	
24) Chloroform-d	5.052	84	175181	45.444	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.880%	
26) 1,2-Dichloroethane-d4	5.695	65	114581	46.888	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	93.780%	
32) Benzene-d6	5.721	84	352516	44.401	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.682	67	110266	43.980	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	87.960%	
41) Toluene-d8	7.891	98	315360	43.814	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	87.620%	
43) trans-1,3-Dichloroprop...	8.177	79	56970	46.449	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	92.900%	
47) 2-Hexanone-d5	8.637	63	108462	105.983	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.980%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	173699	53.221	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	106.440%	
66) 1,2-Dichlorobenzene-d4	12.209	152	133974	45.156	ug/L	0.02
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.320%	

Target Compounds						Qvalue
13) Acetone	2.621	43	11149	7.196	ug/L	98
25) Chloroform	5.075	83	154336	41.223	ug/L	100
29) Cyclohexane	5.380	56	19386	5.669	ug/L	99
31) Carbon tetrachloride	5.518	117	21260	7.203	ug/L	98
33) Benzene	5.753	78	28209067m	3390.784	ug/L	
35) Methylcyclohexane	6.756	83	6030	1.685	ug/L #	85
42) Toluene	7.968	91	14421	1.655	ug/L	98
46) Tetrachloroethene	8.550	164	2873	1.852	ug/L	98
51) Chlorobenzene	9.441	112	42750092m	7725.425	ug/L	
64) 1,3-Dichlorobenzene	11.753	146	10384429	2124.407	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	30324743m	6048.253	ug/L	
67) 1,2-Dichlorobenzene	12.213	146	30456461m	6180.677	ug/L	
70) 1,2,4-trichlorobenzene	13.840	180	5055881	1719.130	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	1530692	556.242	ug/L	100

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

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