

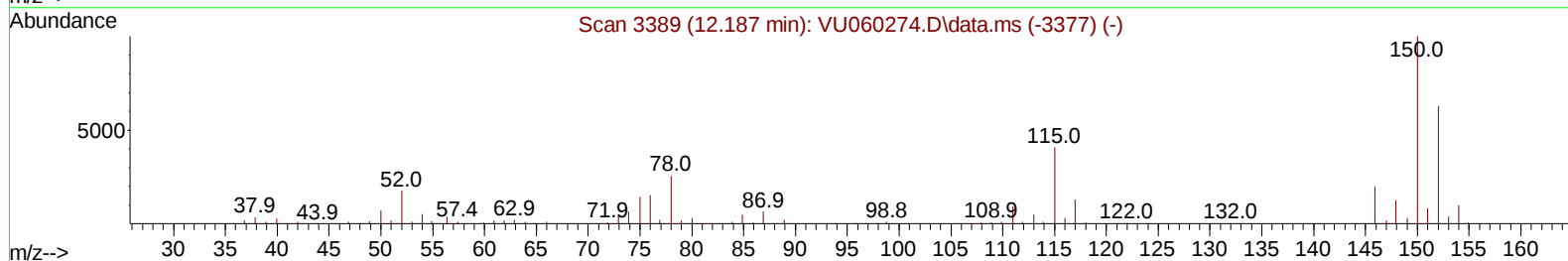
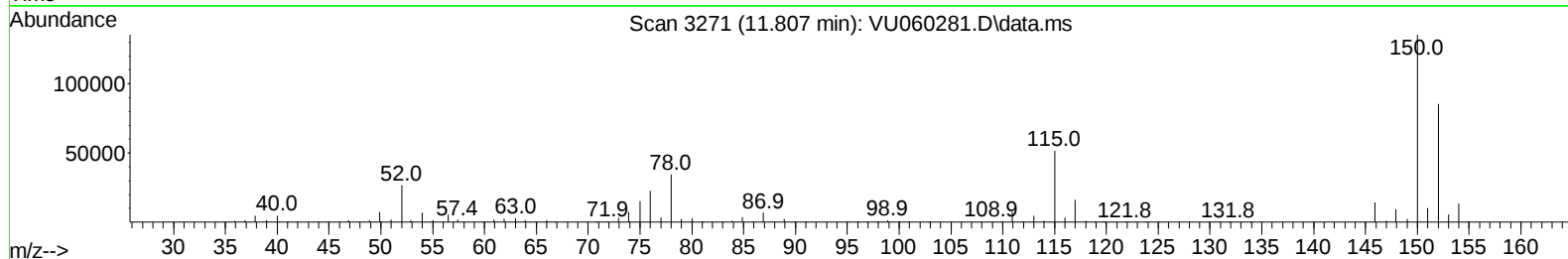
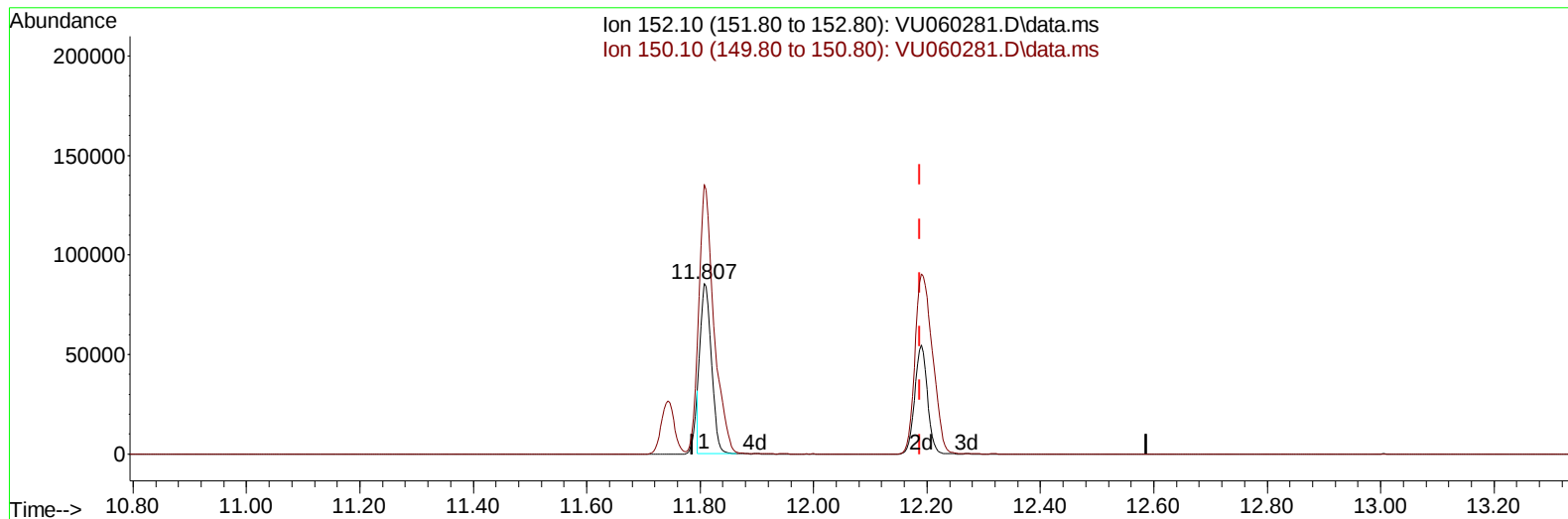
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
Data File : VU060281.D
Acq On : 31 Jul 2024 14:01
Operator : MD/SY
Sample : P3287-05
Misc : 10.00g/10.0mL//100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
XB504

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:22:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 01 00:19:02 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 08/01/2024
Supervised By :Semsettin Yesilyurt 08/01/2024



TIC: VU060281.D\data.ms

(66) 1,2-Dichlorobenzene-d4 (S)

11.807min (-0.379) 48.62 ug/L

response 117787

Ion	Exp%	Act%
152.10	100.00	100.00
150.10	170.00	194.41
0.00	0.00	0.00
0.00	0.00	0.00

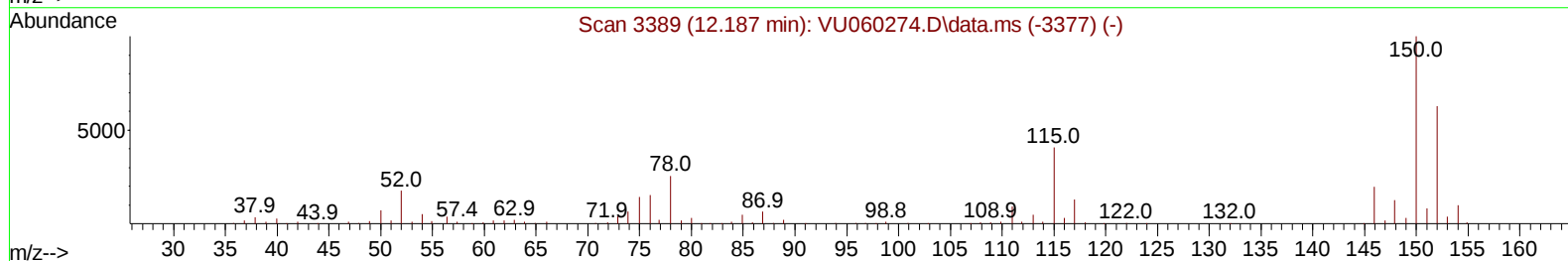
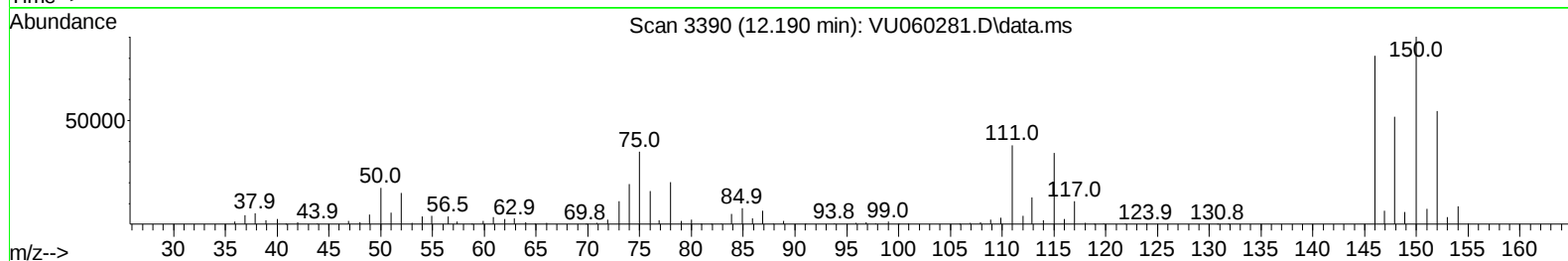
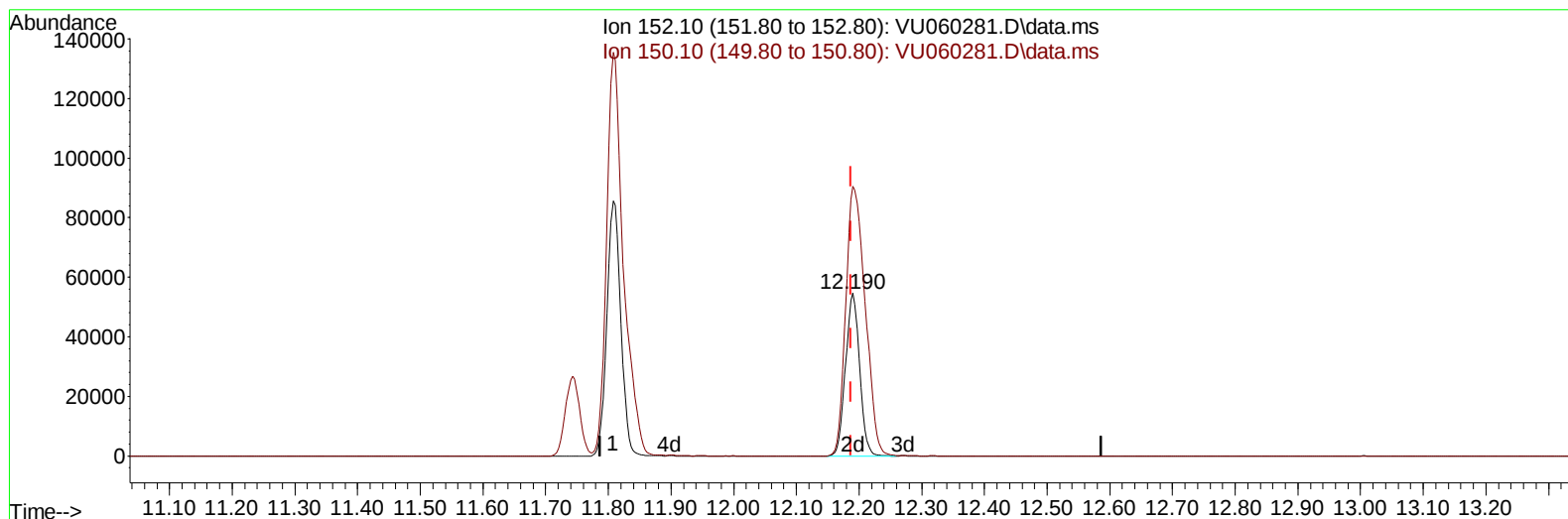
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(66) 1,2-Dichlorobenzene-d4 (S)

12.190min (+ 0.003) 35.06 ug/L m

response 84938

Ion	Exp%	Act%
152.10	100.00	100.00
150.10	170.00	269.59#
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	241242	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	257292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	131843	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	67949	43.868	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	87.740%	
7) Chloroethane-d5	1.872	69	31983	24.548	ug/L	-0.03
Spiked Amount 50.000	Range 70	- 130	Recovery	=	49.100%#	
11) 1,1-Dichloroethene-d2	2.538	63	77326	28.100	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	56.200%#	
21) 2-Butanone-d5	4.628	46	96087	89.263	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	89.260%	
24) Chloroform-d	5.052	84	113803	37.940	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	75.880%	
26) 1,2-Dichloroethane-d4	5.692	65	67564	37.883	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	75.760%	
32) Benzene-d6	5.714	84	227354	34.508	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	69.020%#	
36) 1,2-Dichloropropane-d6	6.682	67	75163	36.860	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	73.720%	
41) Toluene-d8	7.891	98	199990	31.919	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	63.840%#	
43) trans-1,3-Dichloroprop...	8.174	79	35857	37.579	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.160%	
47) 2-Hexanone-d5	8.637	63	65485	76.201	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130	Recovery	=	76.200%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	123532	39.470	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	78.940%	
66) 1,2-Dichlorobenzene-d4	12.190	152	84938m	35.059	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	70.120%#	
Target Compounds						
					Qvalue	
13) Acetone	2.634	43	321008	289.599	ug/L	98
15) Methyl Acetate	2.949	43	22218	13.295	ug/L	95
16) Methylene chloride	3.026	84	326953	181.264	ug/L	93
18) Methyl tert-butyl Ether	3.361	73	222033	46.422	ug/L	98
20) cis-1,2-Dichloroethene	4.650	96	186811	104.763	ug/L	94
22) 2-Butanone	4.698	43	512837	376.043	ug/L	93
25) Chloroform	5.075	83	167890	55.861	ug/L	95
27) 1,2-Dichloroethane	5.782	62	454464	199.185	ug/L	99
37) 1,2-Dichloropropane	6.782	63	210714	110.182	ug/L	100
38) Bromodichloromethane	7.097	83	133436	55.067	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	388223	132.682	ug/L	97
42) Toluene	7.962	91	1533820	202.218	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	162843	60.589	ug/L	97
46) Tetrachloroethene	8.547	164	116999	76.707	ug/L	95
48) 2-Hexanone	8.689	43	948310	468.781	ug/L	97
49) Dibromochloromethane	8.808	129	48584	24.620	ug/L	98
50) 1,2-Dibromoethane	8.917	107	186639	89.127	ug/L	98
51) Chlorobenzene	9.444	112	588167	116.804	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Ethylbenzene	9.566	91	460507	56.853	ug/L	98
53) m,p-Xylene	9.692	106	339107	107.523	ug/L	96
54) o-Xylene	10.097	106	112690	37.158	ug/L	96
55) Styrene	10.113	104	1050075	205.234	ug/L	98
59) Bromoform	10.290	173	98838	62.000	ug/L	99
60) 1,2,3-Trichloropropane	10.820	75	594150	237.452	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	420954	105.615	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	443929	107.742	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	608558	151.142	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	93751	137.004	ug/L	93

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

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