

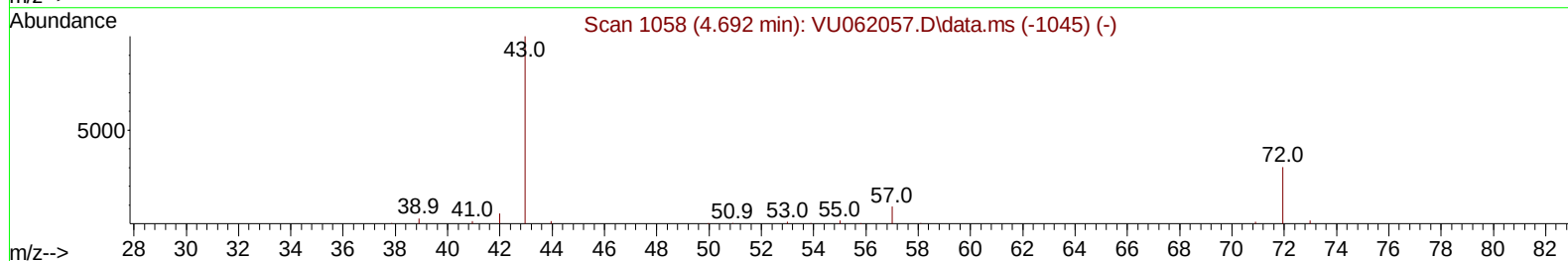
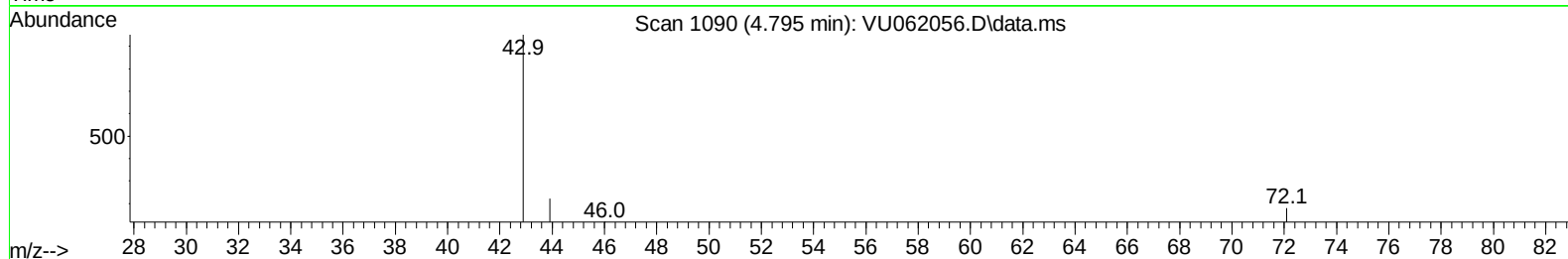
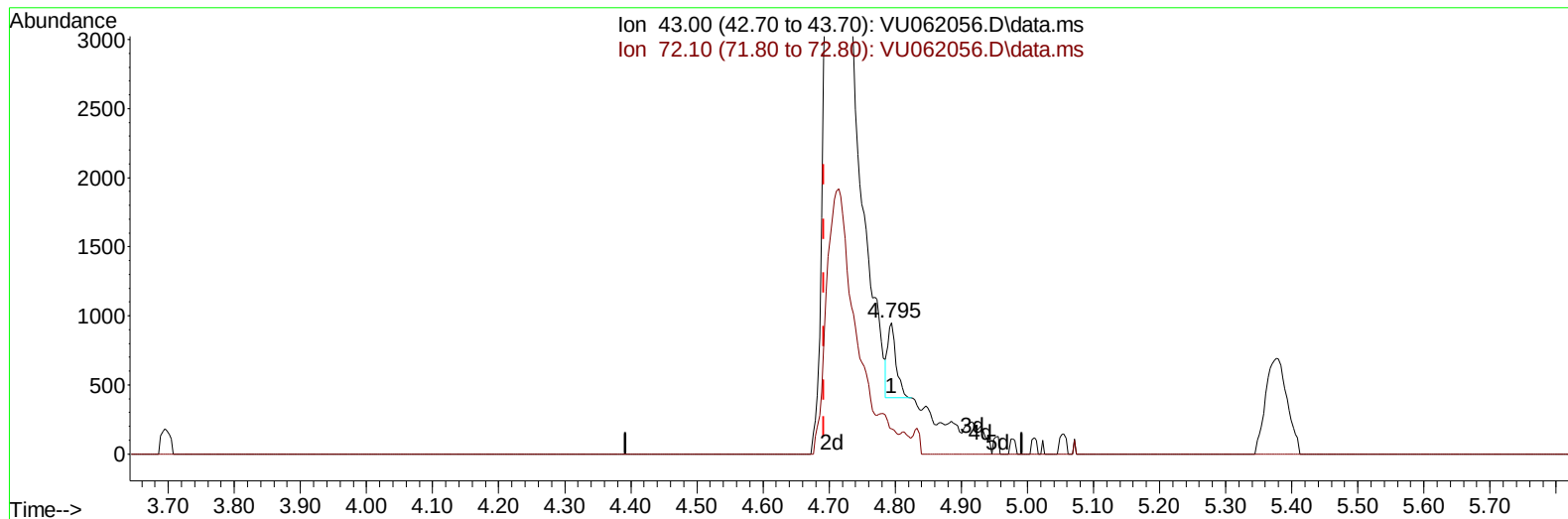
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
Data File : VU062056.D
Acq On : 27 Nov 2024 15:50
Operator : MD/SY
Sample : VSTD01010
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

Manual IntegrationsAPPROVED

Quant Time: Nov 28 00:46:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 28 00:45:07 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/02/2024
Supervised By :Semsettin Yesilyurt 12/02/2024



TIC: VU062056.D\data.ms

(22) 2-Butanone (T)

4.795min (+ 0.103) 0.50 ug/L

response 479

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.80	25.89
0.00	0.00	0.00
0.00	0.00	0.00

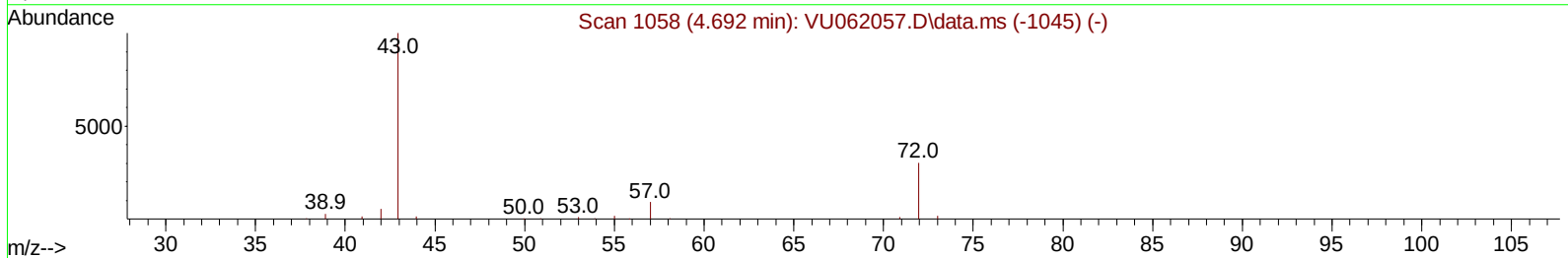
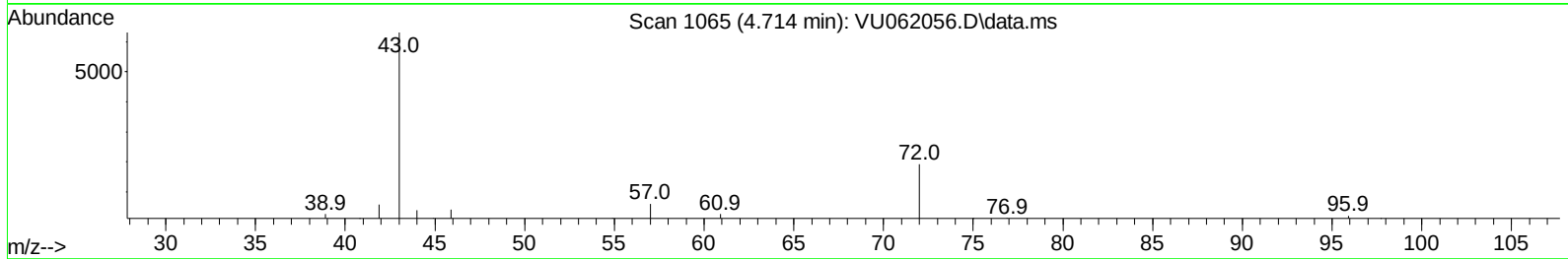
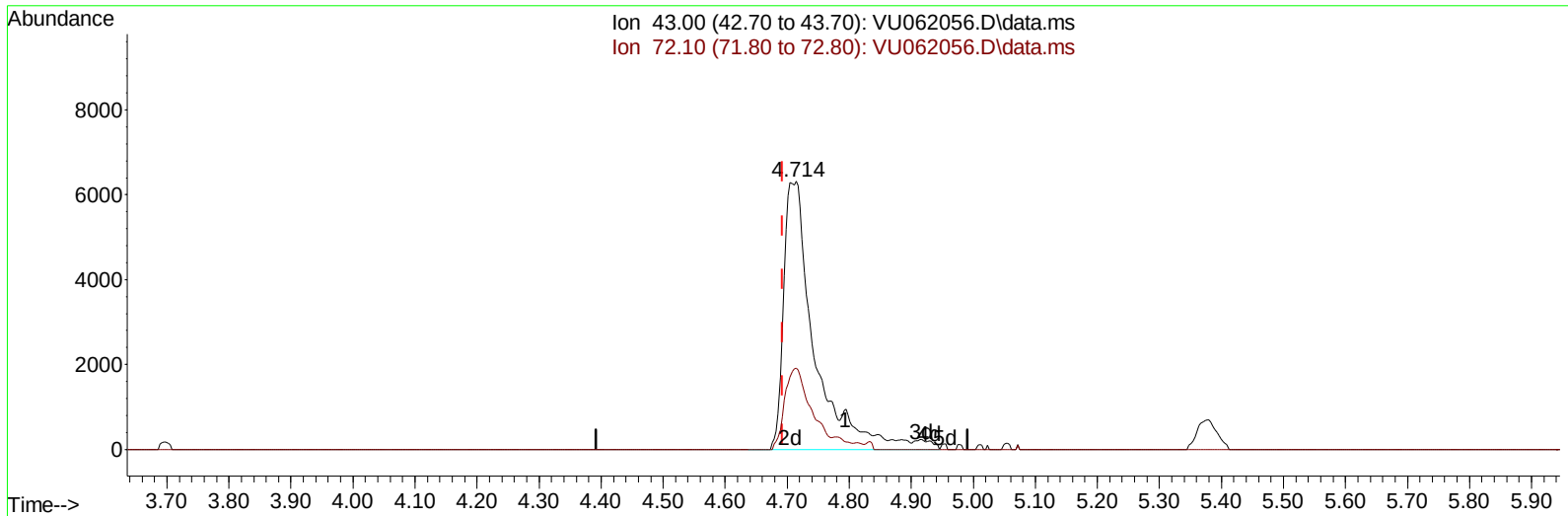
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TIC: VU062056.D\data.ms

(22) 2-Butanone (T)

4.714min (+ 0.022) 23.22 ug/L m

response 22077

Ion	Exp%	Act%
43.00	100.00	100.00
72.10	31.80	0.56#
0.00	0.00	0.00
0.00	0.00	0.00

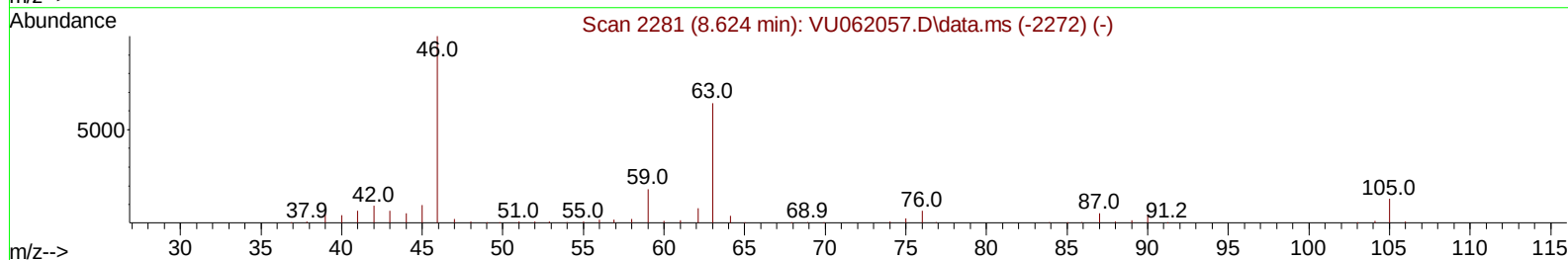
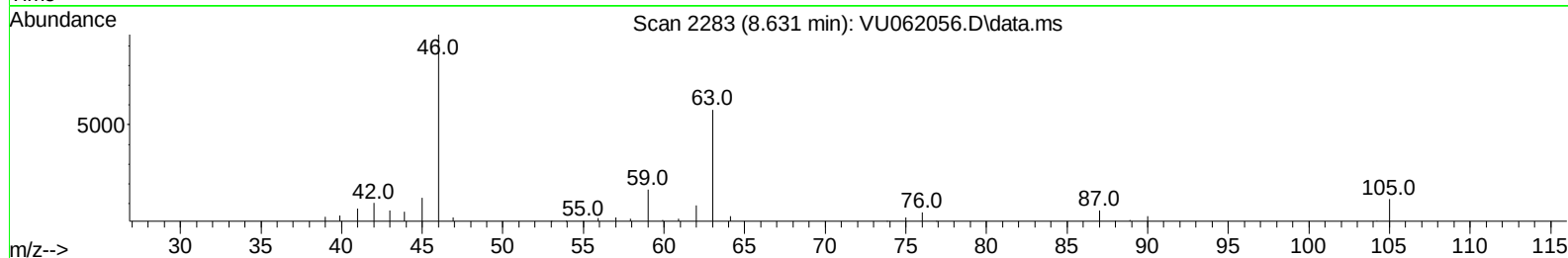
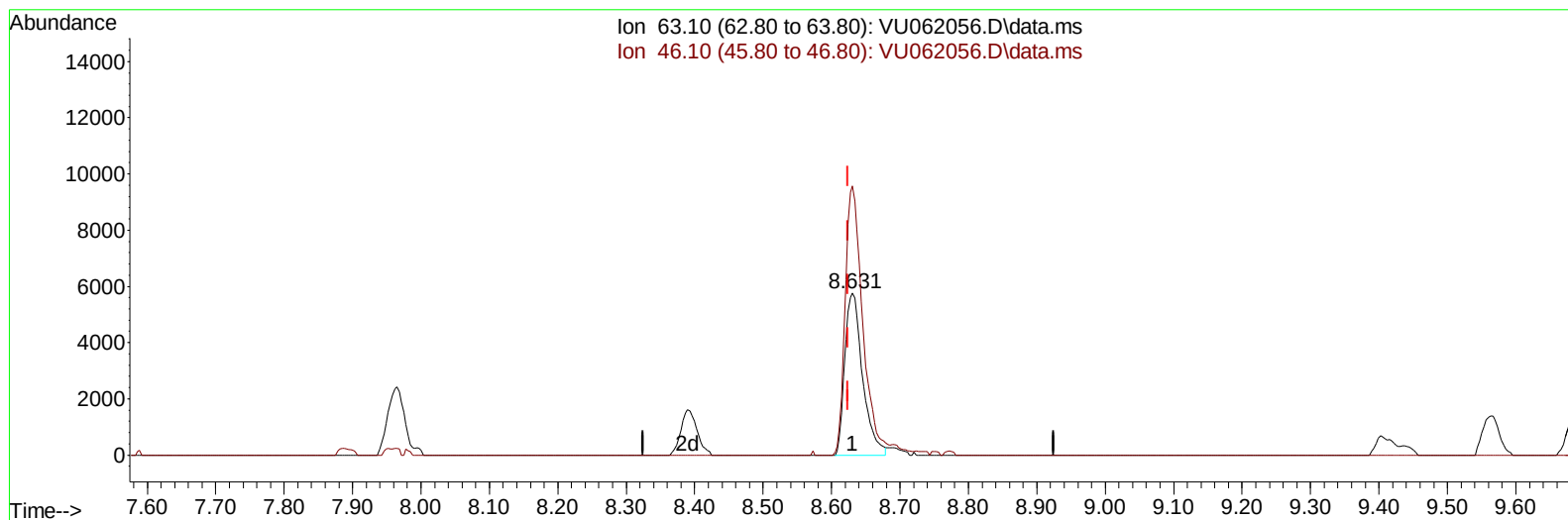
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TIC: VU062056.D\data.ms

(47) 2-Hexanone-d5 (S)

8.631min (+ 0.006) 13.51 ug/L

response 10343

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	165.80	164.78
0.00	0.00	0.00
0.00	0.00	0.00

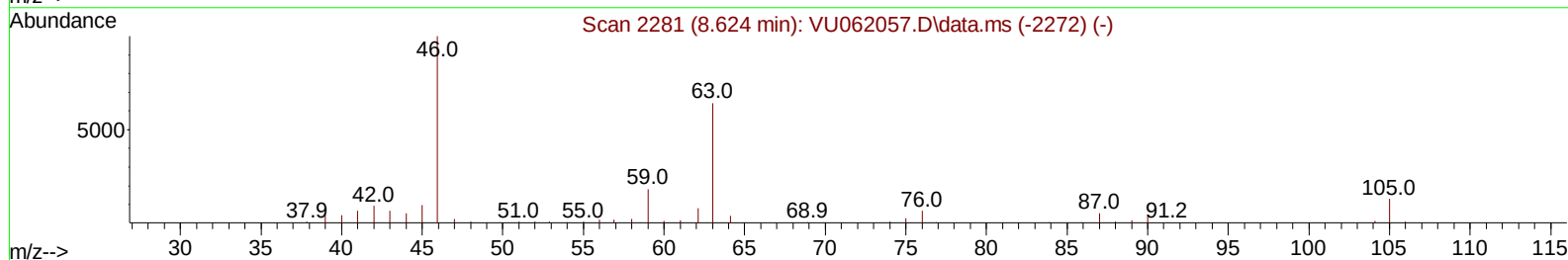
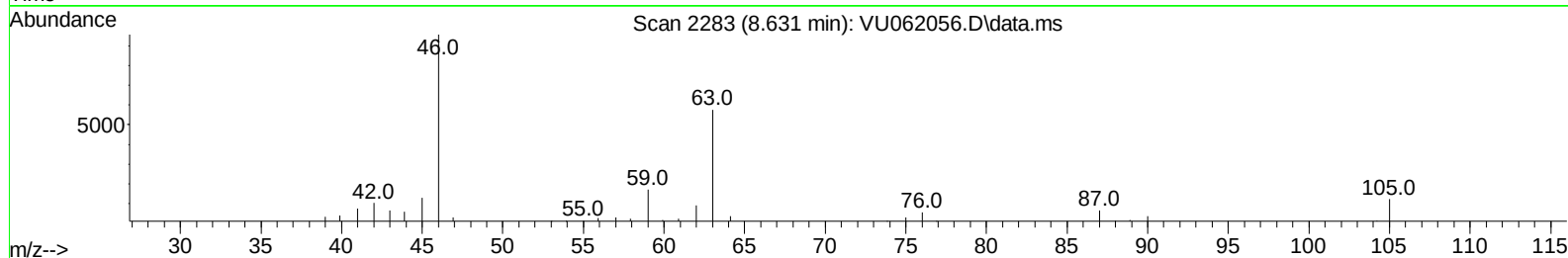
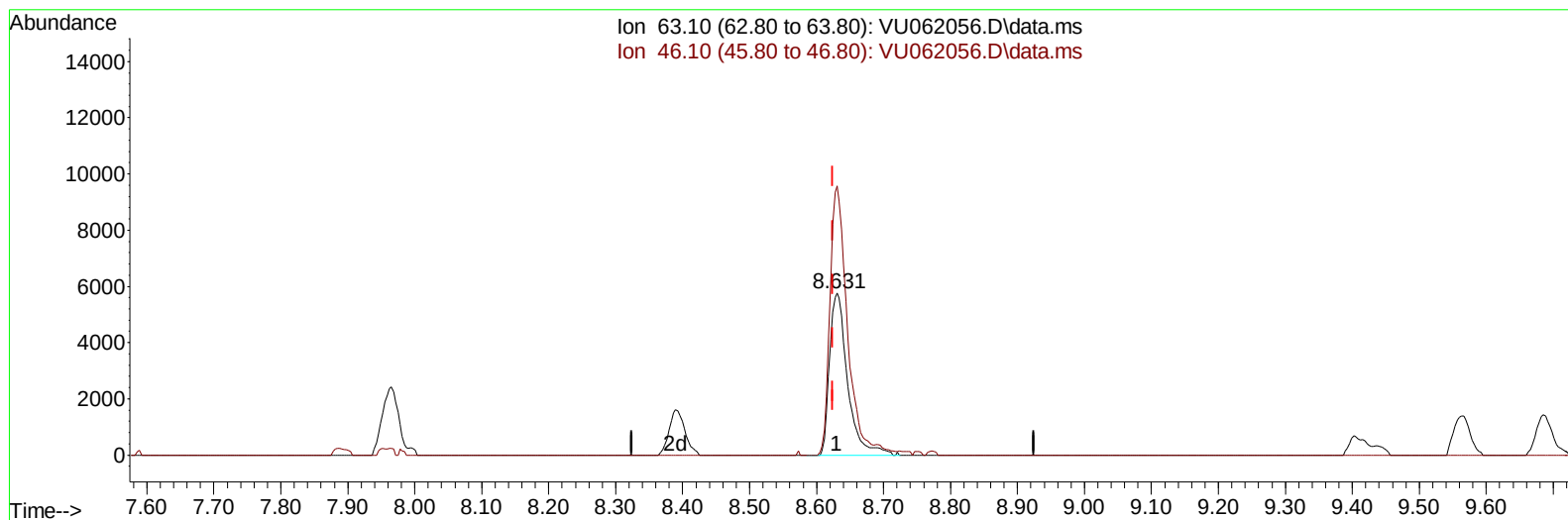
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TIC: VU062056.D\data.ms

(47) 2-Hexanone-d5 (S)

8.631min (+ 0.006) 14.04 ug/L m

response 10751

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	165.80	158.52
0.00	0.00	0.00
0.00	0.00	0.00

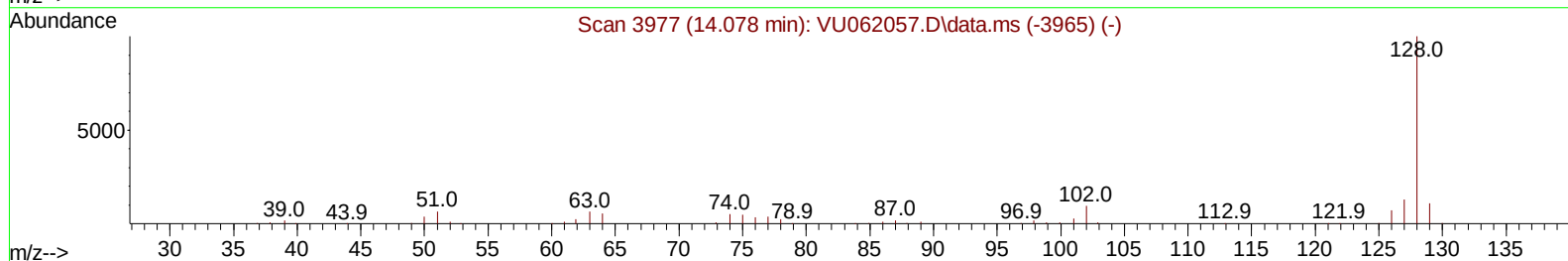
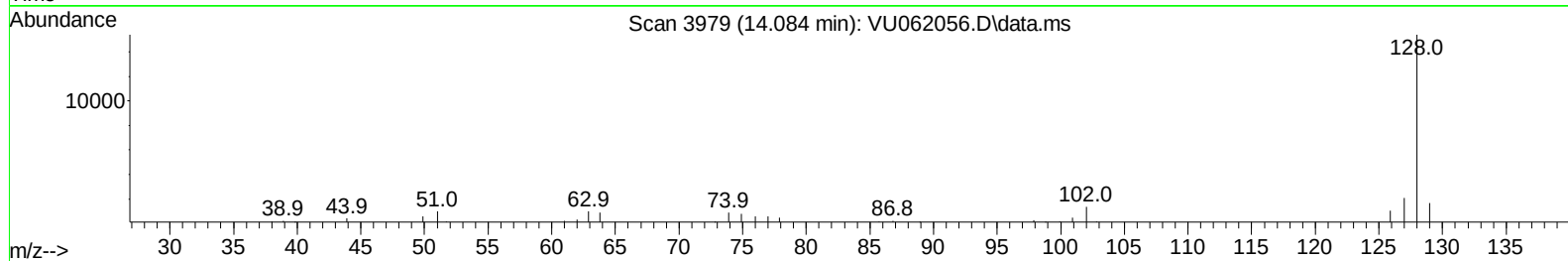
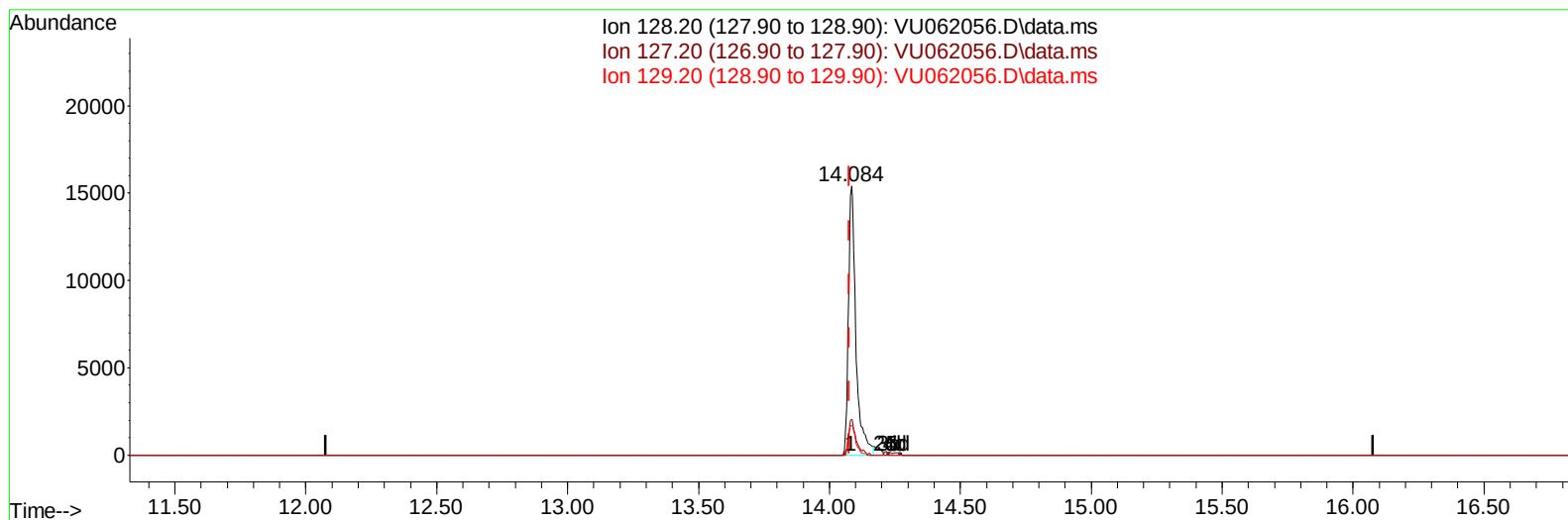
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Data File : VU062056.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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TIC: VU062056.D\data.ms

(71) Naphthalene

14.084min (+ 0.006) 7.38 ug/L

response 30950

Ion	Exp%	Act%
128.20	100.00	100.00
127.20	12.90	12.48
129.20	10.60	10.89
0.00	0.00	0.00

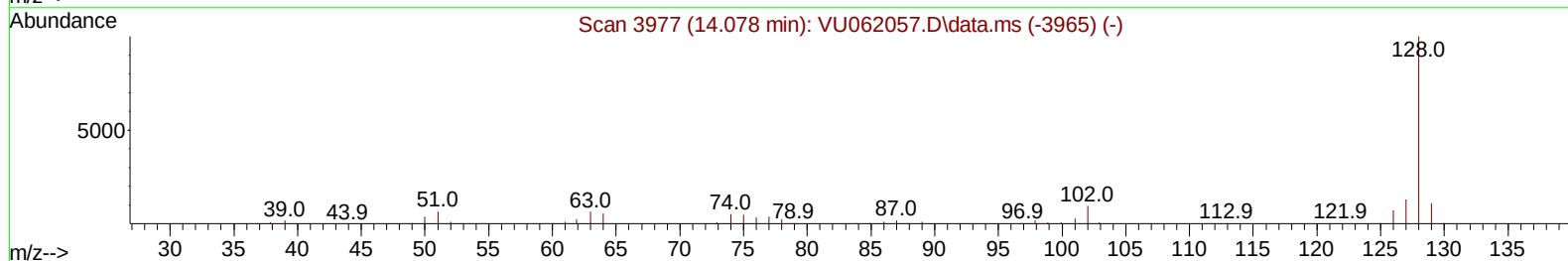
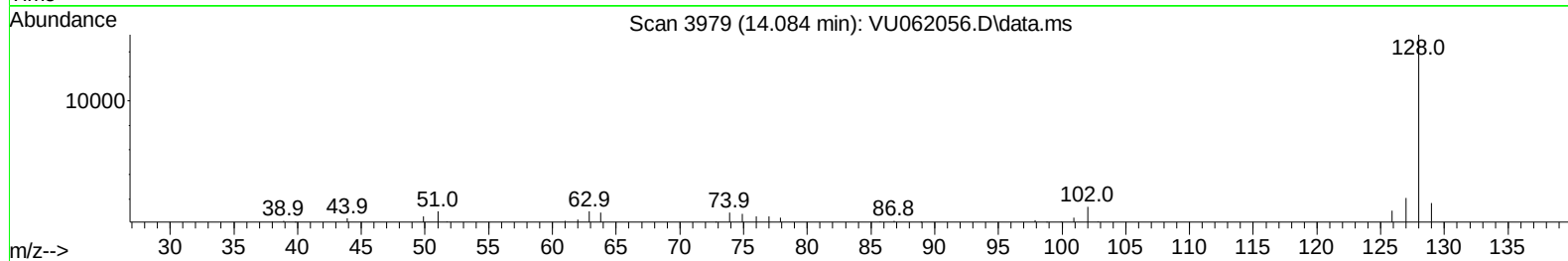
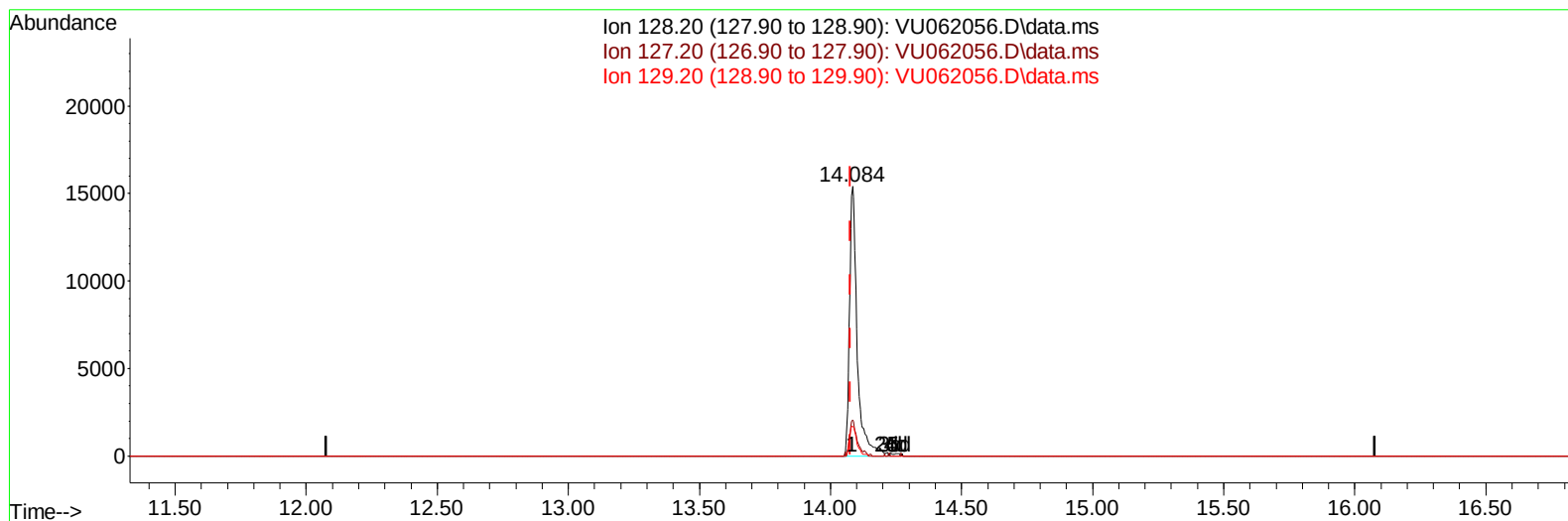
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TIC: VU062056.D\data.ms

(71) Naphthalene

14.084min (+ 0.006) 7.59 ug/L m

response 31833

Ion	Exp%	Act%
128.20	100.00	100.00
127.20	12.90	12.14
129.20	10.60	10.59
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	6.238	114	174056	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	166130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	79541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	12100	9.947	ug/L	0.00
7) Chloroethane-d5	1.907	69	8941	8.633	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	63	22427	9.894	ug/L	0.00
21) 2-Butanone-d5	4.634	46	16084	16.675	ug/L	0.02
24) Chloroform-d	5.055	84	25512	9.922	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	16378	10.003	ug/L	0.00
32) Benzene-d6	5.721	84	47030	9.037	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	15133	9.501	ug/L	0.00
41) Toluene-d8	7.891	98	43405	8.979	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	7135	8.932	ug/L	0.00
47) 2-Hexanone-d5	8.631	63	10751m	14.039	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	21448	8.661	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	15679	9.180	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	17002	13.031	ug/L	99
3) Chloromethane	1.518	50	14094	11.898	ug/L	98
5) Vinyl chloride	1.602	62	14493	11.552	ug/L	96
6) Bromomethane	1.850	94	8060	9.187	ug/L	95
8) Chloroethane	1.927	64	8238	10.213	ug/L	94
9) Trichlorofluoromethane	2.132	101	21698	12.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	12116	11.603	ug/L	99
12) 1,1-Dichloroethene	2.576	96	11134	11.421	ug/L	92
13) Acetone	2.624	43	21566	27.976	ug/L	94
14) Carbon disulfide	2.788	76	32573	10.970	ug/L	97
15) Methyl Acetate	2.949	43	12083	10.363	ug/L	94
16) Methylene chloride	3.039	84	12362	10.357	ug/L	99
17) trans-1,2-Dichloroethene	3.348	96	11076	10.480	ug/L	92
18) Methyl tert-butyl Ether	3.354	73	37178	10.292	ug/L	99
19) 1,1-Dichloroethane	3.859	63	21606	10.723	ug/L	96
20) cis-1,2-Dichloroethene	4.660	96	12624	10.174	ug/L	99
22) 2-Butanone	4.714	43	22077m	23.218	ug/L	
23) Bromochloromethane	4.968	128	6580	10.446	ug/L	90
25) Chloroform	5.078	83	23969	11.063	ug/L	96
27) 1,2-Dichloroethane	5.788	62	19456	11.258	ug/L	100
29) Cyclohexane	5.380	56	18189	10.139	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	20668	11.053	ug/L	98
31) Carbon tetrachloride	5.515	117	18593	11.423	ug/L	99
33) Benzene	5.766	78	48389	10.231	ug/L	100
34) Trichloroethene	6.534	95	13048	10.468	ug/L	96
35) Methylcyclohexane	6.756	83	19152	9.940	ug/L	98
37) 1,2-Dichloropropane	6.782	63	12528	9.980	ug/L	99
38) Bromodichloromethane	7.097	83	17120	10.596	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	20227	10.090	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	30937	18.359	ug/L	99
42) Toluene	7.962	91	50540	9.830	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.203	75	17654	9.468	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	13167	10.463	ug/L	98
46) Tetrachloroethene	8.544	164	9567	10.475	ug/L	98
48) 2-Hexanone	8.679	43	25549	18.665	ug/L	98
49) Dibromochloromethane	8.801	129	12989	10.325	ug/L	97
50) 1,2-Dibromoethane	8.917	107	14468	10.430	ug/L #	99
51) Chlorobenzene	9.438	112	32718	9.987	ug/L	99
52) Ethylbenzene	9.563	91	54212	9.710	ug/L	99
53) m,p-Xylene	9.688	106	19362	9.133	ug/L	99
54) o-Xylene	10.094	106	19657	9.412	ug/L	95
55) Styrene	10.110	104	31683	9.237	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.772	83	21761	10.057	ug/L	94
59) Bromoform	10.283	173	9633	10.384	ug/L #	98
60) 1,2,3-Trichloropropane	10.814	75	17113	10.354	ug/L	98
61) Isopropylbenzene	10.476	105	51477	9.872	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	42863	10.030	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	39697	9.423	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	24078	10.247	ug/L	92
65) 1,4-Dichlorobenzene	11.827	146	25099	10.542	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	24559	10.467	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.987	75	4453	10.073	ug/L	84
69) 1,3,5-Trichlorobenzene	13.212	180	15705	9.923	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	13617	10.173	ug/L	97
71) Naphthalene	14.084	128	31833m	7.591	ug/L	
72) 1,2,3-Trichlorobenzene	14.322	180	12563	9.556	ug/L	97

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

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